NEW JETSON CENTER FOR YOUTH

CONSTRUCTION DOCUMENTS

03-30-2026

PROJECT INFORMATION

OWNER

State of Louisiana Office of Facility Planning and Control
P.O. Box 94095
Baton Rouge, LA 70804-9095
225.342.0820

USER AGENCY

Office of Juvenile Justice
7919 Independence Blvd.
Baton Rouge, LA 70806
225.287.7900

PROJECT INFORMATION

BAKER, LOUISIANA
Project No.: 08-403-04-02, Part: 09 (F.08000078)
& 08-403-24-01, F.08000165
State ID: NEW
Site Code: 2-17-044

State of Louisiana
Jeff Landry - Governor

Division of Administration
Taylor F. Barras - Commissioner of Administration

Office of Facility Planning and Control
Matthew H. Baker - Director

Office of Juvenile Justice
Courtney Myers - Deputy Secretary

VICINITY MAP

PROJECT DESCRIPTION

SINGLE STORY CENTER FOR ADJUDICATED YOUTH WITH 72 BEDS DIVIDED BETWEEN 8 HOUSING UNITS. SUPPORT SPACES INCLUDE GYMNASIUM, CLASSROOMS, VOCATIONAL EDUCATION, KITCHEN, DINING AND MEDICAL FACILITIES. BUILDING WILL ALSO HOUSE ADMINISTRATIVE OFFICES.

PROJECT DIRECTORY

ARCHITECT

GRACE DESIGN STUDIOS, LLC
501 GOVERNMENT STREET, SUITE 200
BATON ROUGE, LA 70802
225.338.5569

CIVIL & STRUCTURAL ENGINEER

FOX-NESBIT ENGINEERING, LLC
9100 BLUEBONNET CENTRE BLVD. #301
BATON ROUGE, LA 70809
225.293.6595

MECHANICAL ENGINEER

EYRE ENGINEERING, LLC
7423 PICARDY AVENUE, SUITE E
BATON ROUGE, LA 70808
225.767.7070

ELECTRICAL ENGINEER

NESBIT & ASSOCIATES, LLC
11853 MARKET PLACE AVENUE
BATON ROUGE, LA 70806
225.291.9266

FOOD SERVICE

FUTCH DESIGN ASSOCIATES, INC.
7948 GOODWOOD BLVD.
BATON ROUGE, LA 70806
225.923.1289

Grace Design Studios

GERALD DAVID HEBERT II
LICENSE No. 41878
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN DISTRIBUTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

COVER SHEET

SHEET NUMBER
G000

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:54:31 PM

GENERAL NOTES

GENERAL

1. ARCHITECTURAL DOCUMENTS SHALL BE COORDINATED WITH ALL OTHER DISCIPLINES' DOCUMENTS. ANY DISCREPANCY BETWEEN THESE DOCUMENTS SHOULD BE REPORTED TO THE ARCHITECT FOR CLARIFICATION AND VERIFICATION PRIOR TO PROCUREMENT OR INSTALLATION OF AFFECTED WORK.
2. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH AFFECTED WORK.
3. PROTECT ALL MATERIALS, CONSTRUCTION, UTILITIES AND FACILITIES FROM DAMAGE, INCLUDING BUT NOT LIMITED TO CONSTRUCTION ACTIVITIES, THEFT, MOISTURE, AND WEATHER. DAMAGED ELEMENTS AND CONDITIONS SHALL BE REPAIRED / REPLACED AT NO COST TO OWNER.
4. DO NOT SCALE ANY DRAWINGS IN ANY OF THE DOCUMENTS FOR FIELD LAYOUT. CONTACT ARCHITECT IF DIMENSIONS ARE NEEDED AND CANNOT BE FOUND IN WRITING IN THE DOCUMENTS.
5. UNLESS NOTED OTHERWISE DIMENSIONS IN THE DOCUMENTS ARE AS LISTED BELOW.
   A. DIMENSIONS ARE TAKEN FROM FACE OF STUD OR CENTERLINE OF STUD / COLUMN UNLESS OTHERWISE NOTED.
   B. "CLEAR" REFERS TO DIMENSION BETWEEN FACES OF FINISH SURFACES.
   C. "EQ" OR "EQUAL" INDICATES DIMENSION TO MATCH ADJACENT. LETTERED DIMENSIONS (A,B,C,D,ETC.) INDICATE DIMENSION TO MATCH OPPOSITE OR REMOTE (MATCHING LETTER) DIMENSION.
   D. "+/-" INDICATES APPROXIMATE DIMENSION BASED ON FIELD CONDITION OR FLEXIBLE DIMENSION THAT CAN BE ADJUSTED.
   E. DIMENSIONS ON REFLECTED CEILING PLANS AND LIGHTING PLANS ARE CLEAR DIMENSIONS.
   F. DIMENSIONS ON INTERIOR DESIGN SHEETS ARE TO FACE OF FINISHED SURFACE.
6. INFORMATION ON G SHEETS IS INTENDED TO BE TYPICAL. REVIEW THE DOCUMENTS AND CONFIRM IN WRITING WITH DESIGN TEAM INFORMATION WHICH REQUIRES CLARIFICATION IS PRIOR TO THE START OF CONSTRUCTION.
7. REFER TO LEGENDS, SCHEDULES, AND KEYNOTES ON INDIVIDUAL SHEETS FOR SPECIFIC INFORMATION
8. INSTALL ALL PIPES, CONDUIT, BRANCH LINES, ETC. AS CLOSE TO THE UNDERSIDE OF STRUCTURE AS POSSIBLE. USE LOW PROFILE HANGERS WHERE POSSIBLE. COORDINATE AS REQUIRED
9. TEMPORARY SHORING AS REQUIRED DURING DEMOLITION AND CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. PROVIDE ACCESS PANELS AT WALLS AND CEILINGS FOR: FIRE/SMOKE DAMPERS, VAV BOXES, PLUMBING CLEANOUTS, ELECTRIC HEATERS, AIR HANDLING UNITS/MECHANICAL EQUIPMENT, VALVES, FILTER BOXES AND OTHER CONCEALED ITEMS REQUIRING ACCESS. COORDINATE WITH ARCHITECT IN FIELD FOR INSTALLATION OF ACCESS PANELS WHERE REQUIRED AND NOT GRAPHICALLY SHOWN ON PLANS.
11. FURNITURE IS FOR REFERENCE ONLY UNLESS OTHERWISE NOTED. REFERENCE FURNITURE IS NOT IN PROJECT SCOPE.
12. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED INSPECTIONS, PERMITS, TEMPORARY UTILITIES AND TEMPORARY TOILET FACILITIES.

FLOOR PLAN:

1. ALL DOORS TO BE 4" FROM FINISH FACE OF ADJACENT PARTITION AS MEASURED TO OUTSIDE FACE OF DOOR JAMB UNLESS OTHERWISE NOTED.

CEILING PLAN:

1. CENTER ALL CEILING MOUNTED DEVICES IN LAY-IN CEILING TILES AND /OR PANELS INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS, ETC.
2. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE. NO CEILING TILE CUTS SHALL BE PERMITTED LESS THAN 3". SHIFT CEILING TILE GRID ONE HALF MODULE AS REQUIRED TO AVOID CUT TILES LESS THAN 3".
3. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
4. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.

SITE PLAN NOTES:

1. SLOPE ALL PAVING AND GRADING AWAY FROM BUILDING TO ACHIEVE POSITIVE DRAINAGE AND TO ELIMINATE PONDING WATER ON SITE IN ACCORDANCE WITH IBC CH 11 REQUIREMENTS OR EQUAL AHJ REQUIREMENTS.
2. IMMEDIATELY NOTIFY DESIGN TEAM IF UNDOCUMENTED UTILITIES ARE DISCOVERED ON SITE.
3. ALL EXTERIOR LEVEL LANDINGS SHALL BE OFFSET ½" MAXIMUM FROM FINISH FLOOR, RE: ___ G SHEETS AND SLOPE AWAY FROM THE BUILDING ¼" PER FOOT MAXIMUM.
4. PROVIDE HOSE STORAGE AT DUMPSTER ENCLOSURES.
5. PROVIDE WHEEL STOPS AT ALL PARKING SPACES.
6. CARRY ______ ALLOWANCE FOR EACH NEW UTILITY TAP TO MUNICIPAL INFRASTRUCTURE.
7. RESTORE ALL DAMAGED SIDEWALKS AND CURBS TO THE STANDARDS OF THE AUTHORITY HAVING JURISDICTION.

ROOF PLAN NOTES:

1. SLOPE ROOF MEMBRANE ¼" PER FOOT MINIMUM, SLOPE CRICKETS AT ½" PER FOOT MINIMUM.
2. CRICKET THE UP SLOPE SIDE OF ALL SQUARE CURBS AND PROJECTIONS OVER 20 INCHES IN WIDTH.
3. ALL ROOF DRAINS, OVERFLOW DRAINS AND DOWNSPOUTS TO BE CONNECTED TO SUBSURFACE DRAINAGE UNLESS NOTED OTHERWISE. SEE CIVIL FOR CONNECTION OF ROOF DRAINAGE, AND/OR STORM-WATER DETENTION SYSTEM, AND/OR TO UNDERGROUND SERVICES.
4. PROVIDE ROOF MEMBRANE SYSTEM AT INTERIOR (ROOF) SIDE OF VERTICAL PARAPET WALLS WHERE PARAPET WALL IS 2'-0" HIGH OR LESS. PROVIDE METAL WALL PANEL SIDING SYSTEM AT INTERIOR (ROOF) SIDE OF VERTICAL PARAPET WALLS WHERE PARAPET WALLS ARE OVER 2'-0" HIGH. REFER TO ROOF TO WALL PANEL SYSTEM INTERACE DETAILS AND PARAPET DETAILS AS REQUIRED.
5. ALL ROOF MATERIALS AND ACCESSORIES TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, RECOMMENDATIONS, AND SPECIFICATIONS TO ACHIEVE SPECIFIED WARRANTY AND PROVIDE WEATHERTIGHT ROOF SYSTEM. **(PER NRCA STANDARDS)**
6. COORDINATE ALL ROOF PENETRATIONS AND EQUIPMENT / PLATFORM SUPPORTS WITH ROOF STRUCTURE AND ROOFING INSTALLATION AND FLASHING DETAIL REQUIREMENTS.
7. PROVIDE TREATED PLYWOOD SHEATHING AT THE INTERIOR (ROOF) SIDE OF ALL PARAPETS.
8. ROOF MEMBRANE SYSTEM SHALL TURN UP PARAPETS, UP OVER TOP OF PARAPET WALL BELOW COPING CAP, TO BE FLASHED INTO WALL WRB SYSTEM TO ACHIEVE CONTINUOUS UNINTERRUPTED BUILDING ENVELOPE WEATHER BARRIER SYSTEM
9. PROVIDE WALK PAD SYSTEM COMPATIBLE WITH SPECIFIED ROOF SYSTEM, SPANNING FROM ROOF ACCESS POINT TO MAINTENANCE SIDES OF ALL ROOFTOP EQUIPMENT.
10. ALL ROOF MOUNTED EQUIPMENT STANDS, CURBS, PENETRATIONS, ACCESSORIES, UTILITIES, ETC. TO BE FLASHED INTO ROOF SYSTEM AS REQUIRED TO ACHIEVE SPECIFIED WARRANTY.
11. PACK, SCREEN, INSULATE, AND SEAL ALL ROOF PENETRATION SYSTEMS AS REQUIRED TO PREVENT ALL OUTSIDE AIR, MOISTURE, ANIMALS, INSECTS, ETC. FROM COMMUNICATING WITH FRAMING CAVITY BELOW DECK.
12. DO NOT LOCATE ANY ROOFTOP EQUIPMENT WITHIN 10' OF ROOF EDGE UNLESS OTHERWISE NOTED
13. PROVIDE INSULATED PREFABRICATED ROOF HATCH, FLASHED INTO SPECIFIED ROOF SYSTEM AS REQUIRED TO ACHIEVE SPECIFIED WARRANTY, REFER TO ROOF DETAILS.
14. ALL PIPING, CONDUITS, ETC. SHALL BE A MINIMUM 10" ABOVE ROOF SURFACE. PROVIDE PIPE SUPPORTS AT 8'-0" MAX.
15. AFTER SUBSTANTIAL COMPLETION EXAMINE AND ENSURE ROOF DRAIN LINES ARE FREE OF DEBRIS AND BLOCKAGE. FLUSH WITH WATER TO ENSURE THAT DRAINS FLOW FREELY.
16. ISOLATE ALL HEAT PIPES/FLUES AS RECOMMENDED AND OUTLINED IN THE NRCA MANUAL FOR ISOLATED STACK FLASHING.
17. ALL ROOFTOP PENETRATIONS (SOIL STACKS, VENTS, ETC.) ARE INSTALLED MINIMUM 4'-0" FROM OTHER DECK PENETRATIONS, RISE WALLS, AND ROOF EDGE.
18. DIMENSIONS, DETAILS, EQUIPMENT SIZES AND LOCATIONS SHOWN ON ROOF PLANS AND DETAILS AR FOR INFORMATION AND REFERENCE ONLY. EXACT SIZE AND LOCATIONS TO BE COORDINATED WITH ALL DISCIPLINES.
19. REFER TO OTHER DISCIPLINES FOR SIZE AND LOCATIONS OF NEW DECK PENETRATIONS AND ROOFTOP EQUIPMENT.
20. ALL SHEETMETAL SHALL BE INSTALLED TO COMPLY WITH THE LATEST EDITION OF SMACNA'S ARCHITECTURAL SHEET METAL MANUAL.
21. ANCHOR ROOFTOP UNITS SECURELY IN PLACE WITH METHODS INDICATED PROVIDING FOR THERMAL EXPANSION OF METAL UNITS. CONCEAL FASTENERS WHERE POSSIBLE AND SET UNITS TRUE TO LINE AND LEVEL. EXPOSED EDGES SHALL BE FOLDED BACK NEATLY FROM A ½" HEM ON THE CONCEALED EDGE. INSTALL WORK WITH LAPS, JOINTS AND SEAMS WHICH WILL BE WATERTIGHT AND WATERPROOF IN ACCORDANCE WITH DIVISION 076200 SHEET METAL FLASHING AND TRIM.

ZONING

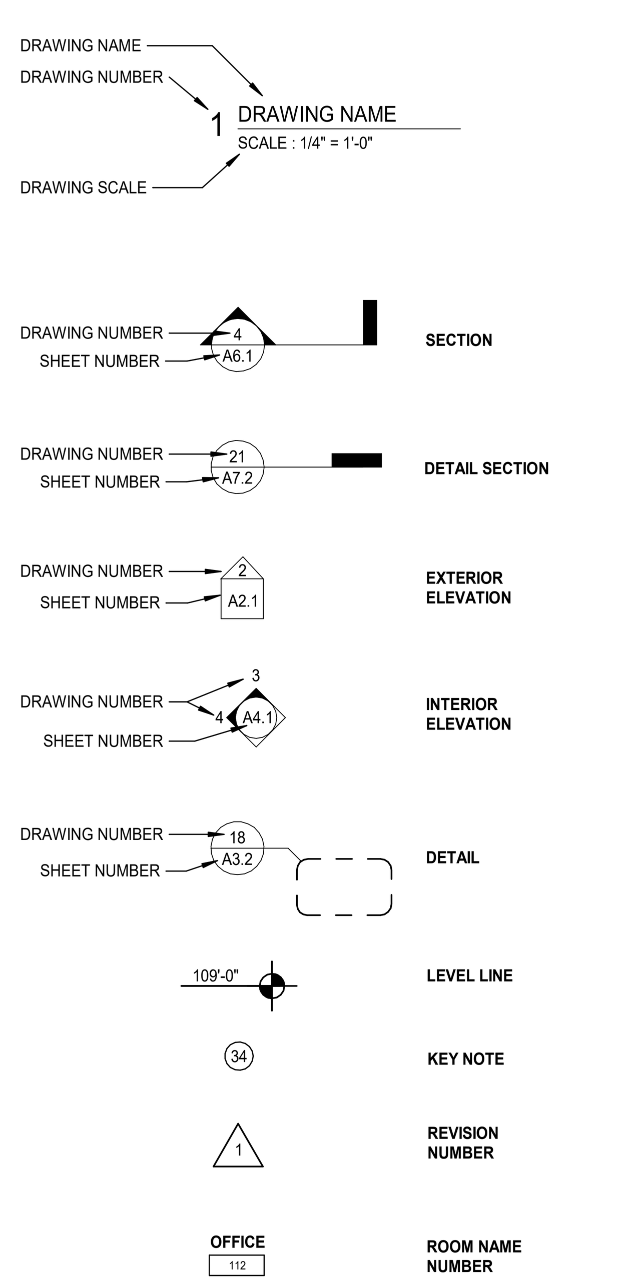
STATE	LOUISIANA
PARISH	EAST BATON ROUGE
CITY	BAKER
PLAT #	XX
SETBACKS	
HORIZ.	XX
VERT.	XX
HISTORIC DISTRICT INFO.	N/A
OTHER ZONE CLASSIFICATIONS	N/A
PARKING	
REQUIRED	XX
PROVIDED	XX
CONTACT INFO.	
LOCAL AHJ	FACILITY PLANNING & CONTROL
FIRE MARSHAL	LOUISIANA OFFICE OF STATE FIRE MARSHAL
HISTORIC COMMISSION	N/A
ELEC. UTILITY	ENTERFY
PERMIT EXPEDITOR	N/A

DRAWING INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
G000	COVER SHEET
G001	DRAWING INDEX + GENERAL INFORMATION
G002	TYPICAL TOILET & ACCESSORIES INFORMATION
G003	PARTITION TYPES
G004	TYPICAL PARTITION DETAILS
CIVIL	
C101	SITE CLEARING & PHASE I EROSION CONTROL PLAN
C102	PHASE II EROSION CONTROL PLAN
C200	OVERALL SITE PLAN
C201	GEOMETRIC LAYOUT
C202	GEOMETRIC LAYOUT
C300	PAVEMENT LAYOUT
C401	GRADING PLAN
C402	GRADING PLAN
C403	TYPICAL SECTIONS
C500	STORM DRAINAGE & UTILITY INFO
C501	STORM DRAINAGE & UTILITY LAYOUT
C502	STORM DRAINAGE & UTILITY LAYOUT
C503	SANITARY SEWER LAYOUT
C504	PLAN & PROFILE
C505	PLAN & PROFILE
C601	CIVIL DETAILS
C602	CIVIL DETAILS
LIFESAFETY	
LS101	LIFE SAFTY PLAN
LS102	LIFE SAFETY PLAN - SECTOR A
LS103	LIFE SAFETY PLAN - SECTOR B
LS104	LIFE SAFETY PLAN - SECTOR C
ARCHITECTURAL SITE	
AS101	ARCHITECTURAL SITE PLAN
AS111	SITE DETAILS
AS112	SITE DETAILS
AS113	ENLARGED SITE PLAN
ARCHITECTURE	
A101	FLOOR PLAN - OVERALL
A101a	FLOOR PLAN - SECTOR A
A101b	FLOOR PLAN - SECTOR B
A101c	FLOOR PLAN - SECTOR C
A102	DIMENSIONED FLOOR PLAN - OVERALL
A102a	DIMENSIONED FLOOR PLAN - SECTOR A
A102b	DIMENSIONED FLOOR PLAN - SECTOR B
A102c	DIMENSIONED FLOOR PLAN - SECTOR C
A103	TILT WALL PANEL PLAN - OVERALL
A103a	TILT WALL PANEL PLAN - SECTOR A
A103b	TILT WALL PANEL PLAN - SECTOR B
A103c	TILT WALL PANEL PLAN - SECTOR C
A111	ENLARGED PLAN - MEDICAL
A112	ENLARGED PLANS - HOUSING AND RESTROOMS
A113	ENLARGED PLANS - RESTROOMS
A114	CLERESTORY AND HIGH WINDOW PLANS - SECTOR A
A115	CLERESTORY AND HIGH WINDOW PLANS - SECTOR B
A116	CLERESTORY AND HIGH WINDOW PLANS - SECTOR C
A121	PLAN DETAILS
A141	REFLECTED CEILING PLAN - OVERALL
A141a	REFLECTED CEILING PLAN - SECTOR A
A141b	REFLECTED CEILING PLAN - SECTOR B
A141c	REFLECTED CEILING PLAN - SECTOR C
A142	ENLARGED REFLECTED CEILING PLAN
A143	REFLECTED CEILING PLAN DETAILS
A151	ROOF PLAN - OVERALL
A151a	ROOF PLAN - SECTOR A
A151b	ROOF PLAN - SECTOR B
A151c	ROOF PLAN - SECTOR C
A152	TYP ROOF DETAILS
A161	MAINTENANCE BUILDING PLANS AND ELEVATIONS
A162	MAINTENANCE BUILDING SECTIONS
A201	BUILDING ELEVATIONS
A202	BUILDING ELEVATIONS
A203	BUILDING ELEVATIONS
A204	BUILDING ELEVATIONS
A212	TILT-UP WALL ELEVATIONS
A213	TILT-UP WALL ELEVATIONS
A214	TILT-UP WALL ELEVATIONS
A215	TILT-UP WALL ELEVATIONS
A301	BUILDING SECTIONS
A302	BUILDING SECTIONS
A303	BUILDING SECTION
A401	WALL SECTIONS
A402	WALL SECTIONS
A403	WALL SECTIONS
A404	WALL SECTIONS
A405	WALL SECTIONS
A406	WALL SECTIONS
A407	WALL SECTIONS
A451	WALL SECTION DETAILS
A452	WALL SECTION DETAILS
A453	WALL SECTION DETAILS
A601	DOOR SCHEDULE
A602	DOOR SCHEDULE - HOUSING
A603	WINDOW ELEVATIONS
A620	HEAD, JAMB DETAILS - INTERIOR
A621	HEAD, JAMB DETAILS - INTERIOR
A622	HEAD, JAMB DETAILS - EXTERIOR
A623	HEAD, JAMB DETAILS - EXTERIOR
INTERIOR DESIGN	
ID001	INTERIOR GENERAL NOTES & FINISH KEY
ID101	FINISH PLAN - OVERALL
ID101a	FINISH PLAN - SECTOR A
ID101b	FINISH PLAN - SECTOR B
ID101c	FINISH PLAN - SECTOR C
ID102	MAINTENANCE BUILDING INTERIOR PLANS AND ELEVATIONS
ID121	MILLWORK PLAN - OVERALL
ID121a	MILLWORK PLAN - SECTOR A
ID121b	MILLWORK PLAN - SECTOR B
ID121c	MILLWORK PLAN - SECTOR C
ID122	ENLARGED MILLWORK PLANS AND AXON VIEWS
ID123	ENLARGED MILLWORK PLANS AND AXON VIEWS
ID124	ENLARGED MILLWORK PLANS AND AXON VIEWS
ID131	SIGNAGE PLAN - OVERALL
ID131a	SIGNAGE PLAN - SECTOR A
ID131b	SIGNAGE PLAN - SECTOR B
ID131c	SIGNAGE PLAN - SECTOR C
ID132	SIGNAGE SCHEDULE
ID151a	FURNITURE PLAN - SECTOR A
ID151b	FURNITURE PLAN - SECTOR B
ID151c	FURNITURE PLAN - SECTOR C
ID201	INTERIOR ELEVATIONS
ID202	INTERIOR ELEVATIONS
ID203	INTERIOR ELEVATIONS
ID204	INTERIOR ELEVATIONS
ID205	INTERIOR ELEVATIONS
ID206	INTERIOR ELEVATIONS
ID207	INTERIOR ELEVATIONS
ID208	INTERIOR ELEVATIONS
ID209	INTERIOR ELEVATIONS
ID210	INTERIOR ELEVATIONS
ID301	INTERIOR DETAILS
ID310	INTERIOR MILLWORK DETAILS
ID311	INTERIOR MILLWORK DETAILS
ID312	INTERIOR MILLWORK DETAILS
ID401	ENLARGED INTERIOR DRAWINGS
ID402	ENLARGED INTERIOR DRAWINGS
SECURITY ELECTRONICS	
SE100	SECURITY ELECTRONICS - TYPICAL DETAILS
SE101	SECURITY ELECTRONICS - OVERALL SITE PLAN
SE102	SECURITY ELECTRONICS - FLOOR PLAN - SECTOR A
SE103	SECURITY ELECTRONICS - FLOOR PLAN - SECTOR B
SE104	SECURITY ELECTRONICS - FLOOR PLAN -SECTOR C

SHEET NUMBER	SHEET NAME
FOOD SERVICE	
FS101	FOOD SERVICE EQUIPMENT FLOOR PLAN
FS102	FOOD SERVICE EQUIPMENT FLOOR PLAN
FS201	FOOD SERVICE EQUIPMENT DETAILS
FS301	FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN
FS401	FOOD SERVICE EQUIPMENT PLUMBING & MECHANICAL ROUGH-IN PLAN
FS501	FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN
FS601	FOOD SERVICE EQUIPMENT MEP DIAGRAMS & DETAILS
STRUCTURAL	
S1.1	FOUNDATION PLAN OVERALL
S1.1a	FOUNDATION PLAN AREA A
S1.1b	FOUNDATION PLAN AREA B
S1.1c	FOUNDATION PLAN AREA C
S1.1d	METAL BUILDING PLANS
S1.2	SLAB PLAN OVERALL
S1.2a	SLAB PLAN AREA A
S1.2b	SLAB PLAN AREA B
S1.2c	SLAB PLAN AREA C
S1.3	OVERALL TILT WALL AND CMU PLAN
S1.3a	TILT-UP WALL PLAN - AREA A
S1.3b	TILT-UP WALL PLAN - AREA B
S1.3c	TILT-UP WALL PLAN - AREA C
S2.1	CEILING FRAMING PLAN OVERALL
S2.1a	CEILING FRAMING PLAN AREA A
S2.1b	CEILING FRAMING PLAN AREA B
S2.1c	CEILING FRAMING PLAN AREA C
S3.1	ROOF FRAMING PLAN OVERALL
S3.1a	ROOF FRAMING PLAN AREA A
S3.1b	ROOF FRAMING PLAN AREA B
S3.1c	ROOF FRAMING PLAN AREA C
S3.2	HIGH ROOF FRAMING PLAN OVERALL
S3.2a	HIGH ROOF FRAMING PLAN AREA A
S3.2b	HIGH ROOF FRAMING PLAN AREA B
S3.2c	HIGH ROOF FRAMING PLAN AREA C
S4.1	BUILDING SECTIONS
S4.2	BUILDING SECTIONS
S4.3	BUILDING SECTIONS
S4.4	WALL SECTIONS
S4.5	METAL BUILDING SECTIONS
S5.1	FOUNDATION DETAILS
S5.2	FOUNDATION DETAILS
S5.3	FOUNDATION DETAILS
S5.4	FOUNDATION DETAILS
S5.5	CMU DETAILS
S5.6	CMU DETAILS
S5.7	GENERATOR PAD AND MISC. DETAILS
S6.1	FRAMING DETAILS
S6.2	FRAMING DETAILS
S6.3	FRAMING DETAILS
S6.4	TILT-UP WALL DETAILS
S6.5	TILT-UP WALL DETAILS
S6.6	TILT-UP WALL DETAILS
S6.7	TILT-UP WALL DETAILS
S6.8	TILT-UP WALL DETAILS
S7.1	GENERAL NOTES
S7.2	SCHEDULES
MECHANICAL	
M001	GENERAL MECHANICAL NOTES & LEGEND
M100	MECHANICAL PLAN KEYNOTES & LEGEND
M101	OVERALL MECHANICAL FLOOR PLAN
M101a	MECHANICAL FLOOR PLAN - SECTOR A
M101b	MECHANICAL FLOOR PLAN - SECTOR B
M101c	MECHANICAL FLOOR PLAN - SECTOR C
M101d	MECHANICAL SECTOR PLAN - MAINTENANCE BUILDING
M102	OVERALL FLOOR PLAN - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS
M102a	SECTOR A - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS
M102b	SECTOR B - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS
M102c	SECTOR C- HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS
M102d	MAINTENANCE BUILDING - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS
M201	MECHANICAL ROOF PLAN
M301	MECHANICAL SCHEDULES
M302	MECHANICAL SCHEDULES
M303	MECHANICAL SCHEDULES
M304	MECHANICAL SCHEDULES
M305	MECHANICAL SCHEDULES
M306	MECHANICAL SCHEDULES
M401	MECHANICAL DUCTWORK RISERS
M402	MECHANICAL DUCTWORK RISERS
M403	MECHANICAL DUCTWORK RISERS
M404	MECHANICAL DUCTWORK RISERS
M405	MECHANICAL DUCTWORK RISERS
M406	MECHANICAL DUCTWORK RISERS
M407	MECHANICAL DUCTWORK RISERS
M501	MECHANICAL DETAILS
M502	MECHANICAL DETAILS
M503	MECHANICAL DETAILS
M504	MECHANICAL DETAILS
M505	MECHANICAL DETAILS
M506	MECHANICAL DETAILS
M507	MECHANICAL DETAILS
M508	MECHANICAL DETAILS
PLUMBING	
P100	GENERAL PLUMBING NOTES AND LEGEND
P101	OVERALL FLOOR PLAN - PLUMBING
P101A	PLUMBING FLOOR PLAN - SECTOR A
P101B	PLUMBING FLOOR PLAN - SECTOR B
P101C	PLUMBING FLOOR PLAN - SECTOR C
P102	ENLARGED FLOOR PLAN - PLUMBING
P103	MAINTENANCE SHOP FLOOR PLAN - PLUMBING
P201	PLUMBING SCHEDULES
P301	PLUMBING RISER DIAGRAMS
P302	PLUMBING RISER DIAGRAMS
P303	PLUMBING RISER DIAGRAMS
P401	PLUMBING DETAILS
P402	PLUMBING DETAILS
P403	PLUMBING DETAILS
P404	PLUMBING DETAILS
P405	PLUMBING DETAILS
SPRINKLER	
SP101	OVERALL FLOOR PLAN - SPRINKLER
SP201	SPRINKLER DETAILS
ELECTRICAL SITE	
ES101	SITE ELECTRICAL PLAN & ENLARGED ELECTRICAL PLAN
ES102	SITE ELECTRICAL GROUNDING PLAN
ELECTRICAL	
E100	ELECTRICAL FLOOR PLAN - OVERALL
E101a	ELECTRICAL LIGHTING PLAN - SECTOR A
E101b	ELECTRICAL LIGHTING PLAN - SECTOR B
E101c	ELECTRICAL LIGHTING PLAN - SECTOR C
E201a	ELECTRICAL POWER PLAN - SECTOR A
E201b	ELECTRICAL POWER PLAN - SECTOR B
E201c	ELECTRICAL POWER PLAN - SECTOR C
E202	ENLARGED FOOD SERVICE ELECTRICAL POWER PLAN
E203	MAINTENANCE BUILDING ELECTRICAL PALNS
E301a	ELECTRICAL SPECIAL SYSTEM & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR A
E301b	ELECTRICAL SPECIAL SYSTEM & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR B
E301c	ELECTRICAL SPECIAL SYSTEM & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR C
E401	ROOF ELECTRICAL PLAN
E501	ELECTRICAL SYMBOL & ABBREVIATION SCHEDULE
E502	ELECTRICAL NOTES
E503	ELECTRICAL NOTES
E504	ELECTRICAL PANEL SCHEDULES
E505	ELECTRICAL PANEL SCHEDULES
E506	ELECTRICAL PANEL SCHEDULES
E507	ELECTRICAL PANEL SCHEDULES
E508	ELECTRICAL PANEL SCHEDULES
E601	ELECTRICAL DETAILS & WIRING DIAGRAM

SYMBOLS



ABBREVIATIONS

ACT	Acoustical Ceiling Tile	**DS**	Down Spout	**GC**	General Contractor	**N**	North	**SHT**	Sheet
ADAAG	Americans with Disablitites Act Accessibility Guidlines	**DW**	Dishwasher	**GL**	Glass	**NIC**	Not In Contract	**SIM**	Similar
ADJ	Adjustable	**DWG**	Drawing	**GND**	Ground	**NO**	Number	**SPEC**	Specification
AFF	Above Finished Floor	**E**	East	**GWB**	Gypsum Wall Board	**NOM**	Nominal	**SQ**	Square
ALT	Alternate	**EA**	Each	**GYP**	Gypsum	**NTS**	Not To Scale	**SS**	Stainless Steel
ALUM	Aluminum	**EHD**	Electric Hand Dryer	**H.W.H.**	Hot Water Heater	**OC**	On Center	**STD**	Standard
APPROX	Approximate	**EIFS**	Exterior Insulation Finish System	**HC**	Handicapped	**OD**	Outside Diameter	**STL**	Steel
ARCH	Architect	**EJ**	Expansion Joint	**HDWD**	Hardwood	**OFF**	Office	**STRUCT**	Structural
BD	Board	**ELEC**	Electric(al)	**HDWR**	Hardware	**OH**	Opposite Hand	**SUSP**	Suspended
BLDG	Building	**ELEV**	Elevation	**HM**	Hollow Metal	**OP**	Overflow Pipe	**T**	Tread
BO	Bottom of	**EMER**	Emergency	**HORIZ**	Horizontal	**OPG**	Opening	**T&G**	Tongue & Groove
BOS	Bottom Of Steel	**EQ**	Equal	**HP**	High Point	**OPP**	Opposite	**TEL**	Telephone
BOT	Bottom	**EQUIP**	Equipment	**HR**	Hand Rail	**P-LAM**	Plastic Laminate	**THK**	Thick
BUR	Built Up Roof	**EW**	Each Way	**HT**	Height	**PJ**	Panel Joint	**TO**	Top Of
CAB	Cabinet	**EWC**	Electric Water Cooler	**HW**	Hand Wash	**PLAS**	Plaster	**TOS**	Top Of Steel
CB	Catch Basin	**EXP. JT.**	Expansion Joint	**ID**	Inner (or Inside) Diameter	**PLYWD**	Plywood	**TYP**	Typical
CJ	Control Joint	**EXST**	Existing	**INSUL**	Insulation	**PR**	Pair	**UNFIN**	Unfinished
CL	Centerline	**EXT**	Exterior	**INT**	Interior	**PT**	Paint	**UNO**	Unless Noted Otherwise
CLG	Ceiling	**FA**	Fire Alarm	**JAN**	Janitor	**R**	Riser	**UTIL**	Utility
CLOS	Closet	**FAP**	Fire Annunciuator Panel	**JT**	Joint	**RAD**	Radius	**VCT**	Vinyl Compostion Ttile
CLR	Cear	**FD**	Floor Drain	**LAM**	Laminate	**RCP**	Reflected Ceiling Plan	**VERT**	Vertical
CO	Clean Out	**FE**	Fire Extinguisher	**LAV**	Lavatory	**RD**	Roof Drain	**VIF**	Verify In Field
COL	Column	**FEC**	Fire Extinguisher Cabinet	**LB(S)**	Pounds	**RE**	Refer	**VOJ**	Verify On Job
CONC	Concrete	**FF**	Finish Floor	**LDG**	Landing	**REF**	Refrigerator	**VTR**	Vent Termination Ppipe
CONT	Continous	**FH**	Fire Hydrant	**LT**	Light	**REINF**	Reinforced	**VWC**	Vinyl Wall Covering
CPT	Carpet	**FHC**	Fire Hose Cabinet	**MAX**	Maximun	**REQD**	Required	**W**	West
CT	Ceramic Tile	**FIN**	Finish	**MECH**	Mechanical	**RESIL**	Resilient	**w/**	With
CTR	Center	**FIXT**	Fixture	**MEMB**	Membrane	**RM**	Room	**w/o**	Without
DBL	Double	**FLR**	Floor	**MFR**	manufacturer	**RO**	Rough Opening	**WC**	Watercloset
DET	Detail	**FLUOR**	Fluorescent	**MIN**	Minimum	**S**	South	**WD**	Wood
DIA	Diameter	**FT**	Foot or Feet	**MISC**	Miscellaneous	**SC**	Scupper	**WIN**	Window
DIM	Dimension	**GAL**	Gallon	**MO**	Masonry Opening	**SCHED**	Schedule	**WP**	Waterproof
DN	Down	**GALV**	Galvanized	**MTD**	Mounted	**SECT**	Section	**WT**	Weight
DR	Door	**GB**	Grab Bar	**MTL**	metal	**SF**	Square Foot	**WWF**	Welded Wire Fabric

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:31:35 PM

Grace
Design Studios

GERALD DAVID HEBERT II
REG. No. 4118
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

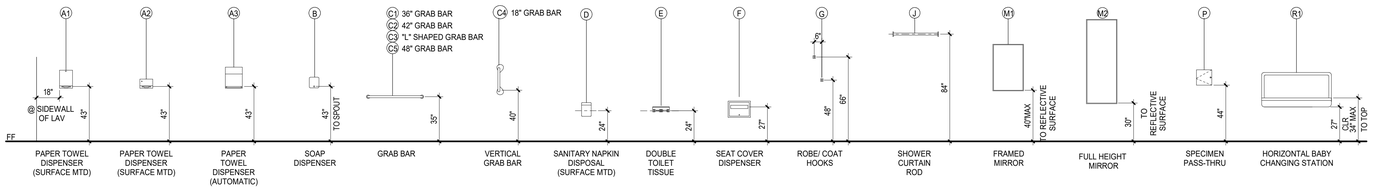
NO.	DESCRIPTION	DATE

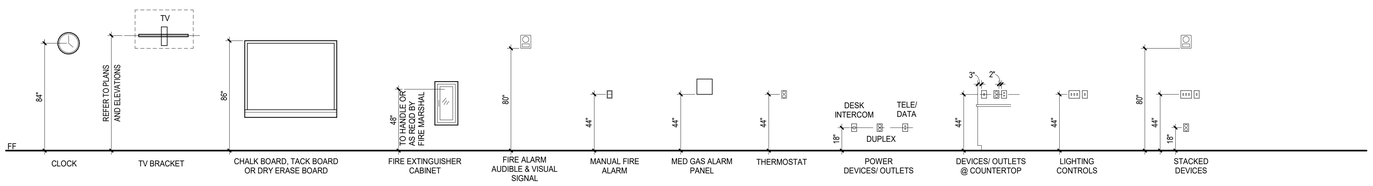
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

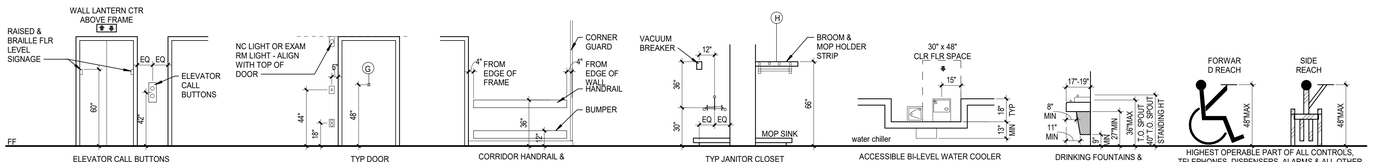
DRAWING INDEX +
GENERAL INFORMATION

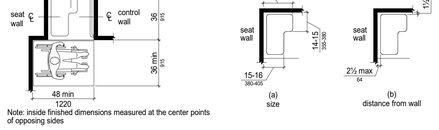
SHEET NUMBER
G001

ACCESSORIES AND MOUNTING HEIGHTS

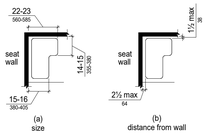








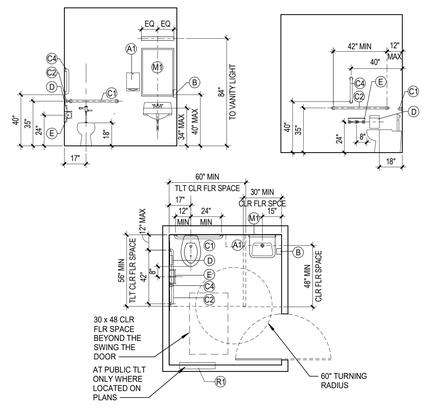
Note: inside finished dimensions measured at the center points of opposing sides



ACCESSORIES GENERAL NOTES

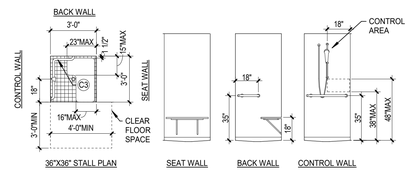
1. THIS SCHEDULE IS SHOWN AS A STANDARD TEMPLATE. ALL ITEMS MAY NOT BE USED ON THIS PROJECT. IF ANY ITEM PRESENTED ON THIS PROJECT DOES NOT COMPLY WITH THE STANDARDS ABOVE, BRING TO THE ATTENTION OF THE ARCHITECT BEFORE INSTALLATION OF THE ITEM.
2. DIMENSIONS ARE TYP, UNLESS NOTED OTHERWISE. DIMENSIONS DO NOT NECESSARILY SHOW ALL THE DEVICES THAT ARE LOCATED ON THE WALLS.
3. PROVIDE ADEQUATE BLOCKING AT ALL ACCESSORY & EQUIPMENT LOCATIONS.
4. ALL TOILET ACCESSORIES TO BE INSTALLED BY GC UNLESS NOTED OTHERWISE. GC TO COORDINATE OWNER FURNISHED ITEMS.
5. SEE THE PLANS FOR ALL ADDITIONAL TOILET ACCESSORIES & ACTUAL ROOM DIMENSIONS.
6. ALL TOILET ACCESSORIES TO BE INSTALLED PER MANUFACTUER'S WRITTEN INSTRUCTIONS.
7. REFER TO ID SERIES FOR ALL TOILET WALL FINISHES

TYPICAL TOILET FIXTURE DIAGRAM

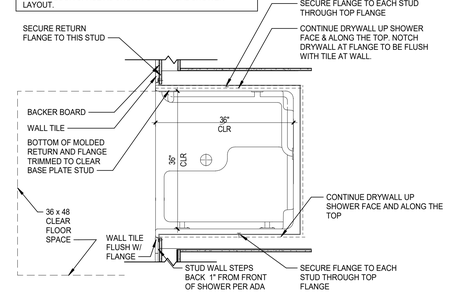


NOTE: LAYOUTS SHOWN TO INDICATE REQUIRED DIMENSIONS OF ACCESSORIES IN RELATION TO TOILET FIXTURES. ACTUAL ROOM LAYOUTS MAY VARY. REFER TO FLOOR PLANS AND TOILET ROOM ELEVATIONS FOR ROOM SPECIFIC LAYOUTS.

TYPICAL SHOWER LAYOUT



** DETAIL BASED ON AQUATIC BATH SHOWER 1363BFSD DOUBLE RETURN FLANGE EXAMPLE OF CORNER INSTALLATION RECOMMENDATIONS. REFER TO MANUFACTURER'S INSTALLATION GUIDELINES FOR CORRECT DIMENSIONS OF SHOWER UNIT. MAINTAIN INSIDE CLEAR DIMENSIONS AND CLEAR FLOOR SPACE AS SHOWN ON TYPICAL SHOWER LAYOUT.



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 3:52:34 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

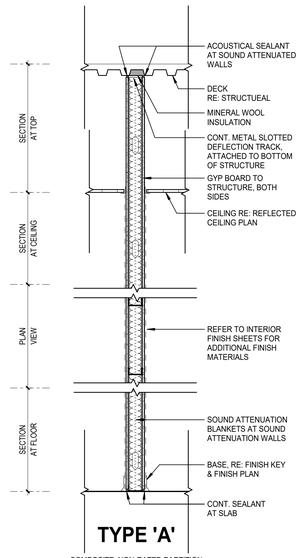
ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

TYPICAL TOILET & ACCESSORIES INFORMATION

SHEET NUMBER

G002



TYPE 'A'

COMPOSITE, NON-RATED PARTITION (TO UNDERSIDE OF STRUCTURE)

SMOKE PARTITION @

TYPE "A1" 1 5/8" MTL STUDS

TYPE "A2" 2 1/2" MTL STUDS

TYPE "A3" 3 5/8" MTL STUDS

TYPE "A6" 6" MTL STUDS

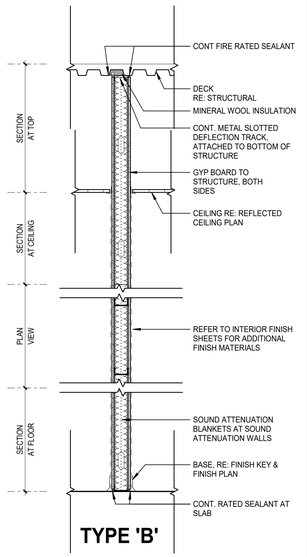
TYPE "A8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "A3s" 3 5/8" MTL STUDS

TYPE "A6s" 6" MTL STUDS

TYPE "A8s" 8" MTL STUDS



TYPE 'B'

1HR FIRE @ — STC W/ S.A.B: 49

1HR FIRE/SMOKE BARRIER @ — U.L. - U# 419

TYPE "B3" 3 5/8" MTL STUDS

TYPE "B6" 6" MTL STUDS

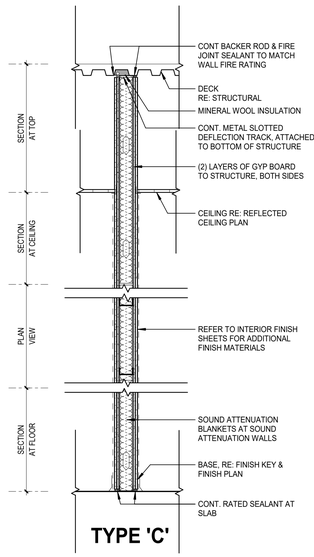
TYPE "B8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "B3s" 3 5/8" MTL STUDS

TYPE "B6s" 6" MTL STUDS

TYPE "B8s" 8" MTL STUDS



TYPE 'C'

2HR FIRE @ — STC W/ S.A.B: 55

1HR FIRE/SMOKE BARRIER @ — U.L. - U# 411

TYPE "C3" 3 5/8" MTL STUDS

TYPE "C6" 6" MTL STUDS

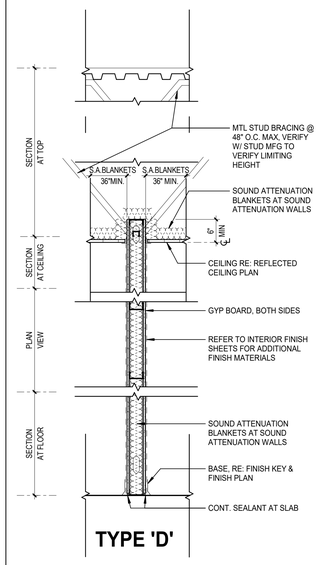
TYPE "C8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "C3s" 3 5/8" MTL STUDS

TYPE "C6s" 6" MTL STUDS

TYPE "C8s" 8" MTL STUDS



TYPE 'D'

NON-COMPOSITE, BRACED @ 48" O.C. NON-RATED PARTITION

TYPE "D1" 1 5/8" MTL STUDS

TYPE "D2" 2 1/2" MTL STUDS

TYPE "D3" 3 5/8" MTL STUDS

TYPE "D6" 6" MTL STUDS

TYPE "D8" 8" MTL STUDS

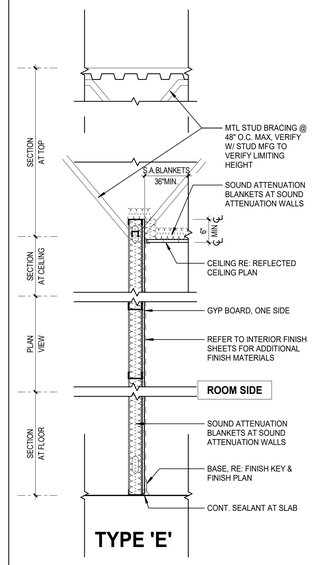
W/ SOUND ATTENUATION

TYPE "D3s" 3 5/8" MTL STUDS

TYPE "D3s.2 3 5/8" MTL STUDS ADDITIONAL LAYER OF GYP BOARD ON ONE SIDE, STUD SPACING TO BE 24" O.C.

TYPE "D6s" 6" MTL STUDS

TYPE "D8s" 8" MTL STUDS



TYPE 'E'

NON-COMPOSITE, BRACED @ 48" O.C. NON-RATED PARTITION. GYP ONE SIDE.

TYPE "E1" 1 5/8" MTL STUDS

TYPE "E2" 2 1/2" MTL STUDS

TYPE "E3" 3 5/8" MTL STUDS

TYPE "E6" 6" MTL STUDS

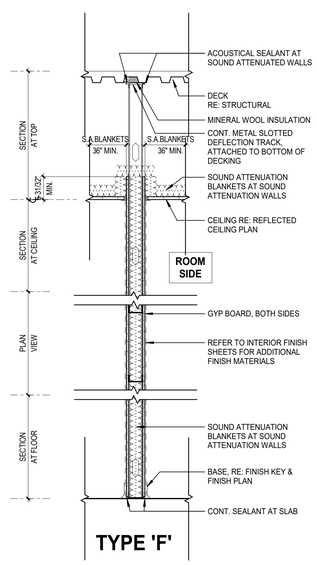
TYPE "E8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "E3s" 3 5/8" MTL STUDS

TYPE "E6s" 6" MTL STUDS

TYPE "E8s" 8" MTL STUDS



TYPE 'F'

NON-COMPOSITE, NON-RATED PARTITION

TYPE "F1" 1 5/8" MTL STUDS

TYPE "F2" 2 1/2" MTL STUDS

TYPE "F3" 3 5/8" MTL STUDS

TYPE "F6" 6" MTL STUDS

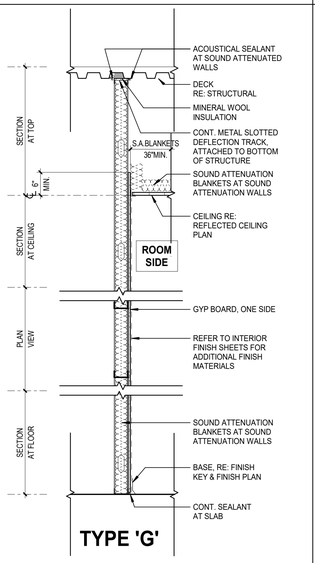
TYPE "F8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "F3s" 3 5/8" MTL STUDS

TYPE "F6s" 6" MTL STUDS

TYPE "F8s" 8" MTL STUDS



TYPE 'G'

NON-COMPOSITE, NON-RATED PARTITION; GYP ONE SIDE

TYPE "G1" 1 5/8" MTL STUDS

TYPE "G2" 2 1/2" MTL STUDS

TYPE "G3" 3 5/8" MTL STUDS

TYPE "G6" 6" MTL STUDS

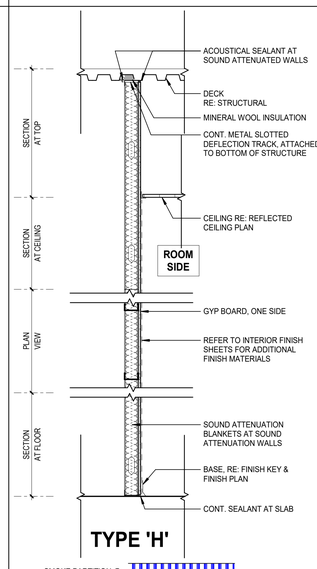
TYPE "G8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "G3s" 3 5/8" MTL STUDS

TYPE "G6s" 6" MTL STUDS

TYPE "G8s" 8" MTL STUDS



TYPE 'H'

SMOKE PARTITION @

TYPE "H1" 1 5/8" MTL STUDS

TYPE "H2" 2 1/2" MTL STUDS

TYPE "H3" 3 5/8" MTL STUDS

TYPE "H6" 6" MTL STUDS

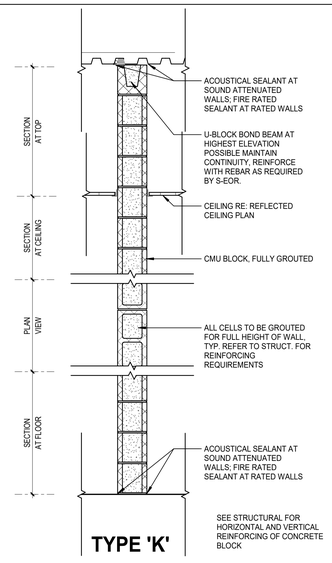
TYPE "H8" 8" MTL STUDS

W/ SOUND ATTENUATION

TYPE "H3s" 3 5/8" MTL STUDS

TYPE "H6s" 6" MTL STUDS

TYPE "H8s" 8" MTL STUDS



TYPE 'K'

SMOKE PARTITION @

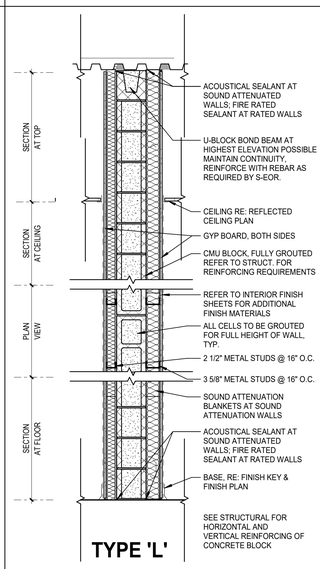
1HR FIRE @ — U.L. - U# 937

1HR FIRE/SMOKE BARRIER @ — U.L. - U# 937

2HR FIRE @ — U.L. - U# 937

TYPE "K1" 8" CMU BLOCK

TYPE "K2" 12" CMU BLOCK



TYPE 'L'

2HR FIRE @ — U.L. - U# 937

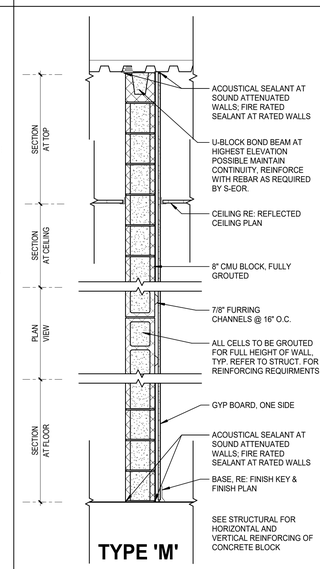
TYPE "L1" 8" CMU BLOCK + 2 1/2" METAL STUDS WITH GYP. BD. ON ONE SIDE

TYPE "L2" 3 5/8" METAL STUDS WITH GYP. BD. + 8" CMU BLOCK + 2 1/2" METAL STUDS WITH GYP. BD.

TYPE "L3" 8" CMU BLOCK + 3 5/8" METAL STUDS WITH GYP. BD. ON ONE SIDE

TYPE "L4" 8" CMU BLOCK + 2 1/2" METAL STUDS WITH GYP. BD. ON ONE SIDE NO FIRE RATING REQUIRED

TYPE "L5" 8" CMU BLOCK + 3 5/8" METAL STUDS WITH GYP. BD. ON ONE SIDE NO FIRE RATING REQUIRED



TYPE 'M'

NON-RATED PARTITION; GYP ONE SIDE

GENERAL PARTITION NOTES

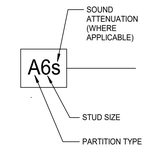
1. NOT ALL PARTITION TYPES SHOWN ON THIS SHEET MAY BE USED IN PROJECT. REFER TO PLANS FOR ACTUAL PARTITION TYPES USED.
2. ALL PARTITION TYPES TO BE **K1** UNLESS NOTED OTHER WISE.
3. PARTITION TYPES 'I' AND 'O' NOT USED.
4. REFER TO PLANS AND WALL PARTITION LEGEND FOR RATED PARTITIONS.
5. ALL RATED PARTITIONS SHALL BE CONSTRUCTED FIRST, IN ORDER OF PRIORITY (SEE WALL / PARTITION PRIORITY LEGEND BELOW). SECONDARY PARTITIONS TO ABUT BUT NOT PENETRATE RATED WALLS AS SHOWN IN WALL ABUTMENT DETAIL ON TYPICAL PARTITION DETAILS SHEET.
6. WHERE PARTITION TYPE INDICATES GYP. BD. TO BTM. OF DECK, STOP GYP. BD. 1/2" BELOW LINE OF STRUCTURE AND SEAL.
7. IF A FIRE RATED PARTITION OCCURS UNDER A STRUCTURAL MEMBER (OR OTHER OBSTRUCTION), IT IS THE CONTRACTORS RESPONSIBILITY TO CONTINUE THE FIRE RATING OF THE PARTITION TO THE UNDERSIDE OF THE ROOF AND/OR FLOOR DECK.
8. SEAL ALL PENETRATIONS (DUCTS, CONDUITS, STRUCTURE, ETC.) THROUGH ACOUSTIC AND FIRE RATED ASSEMBLIES IN CONFORMANCE WITH THE U.L. DESIGN TYPE. THE STC RATING, APPLICABLE FIRE CODES, AND APPLICABLE LOCAL CODES.
9. BASE PROFILES DEPICTED IN WALL TYPES ARE DIAGRAMMATIC. CONTRACTOR TO REFER TO FINISH KEY AND ENLARGED BASE DETAILS FOR MATERIALS, CONSTRUCTION AND PLACEMENT.
10. REFER TO SPECIFICATIONS FOR METAL STUD GAUGE, SPACING, BRACING AND DEFLECTION REQUIREMENTS IN SECTIONS 01 3573, 01 3300, AND 05 4000.

ACOUSTICAL NOTES:

A. PARTITIONS INDICATED IN PLAN WITH PARTITION TAG TO BE INSTALLED W/ S.A.B (SOUND ATTENUATION BLANKETS) AS INDICATED IN PARTITION TYPE. ADD ACOUSTICAL SEALANT AT TOPS AND BOTTOMS OF WALLS, AND AT PENETRATIONS TO MAINTAIN STC RATING OF PARTITION TYPE.

B. PROVIDE 2 STUDS BETWEEN PENETRATIONS (OUTLETS) ON OPPOSITE SIDES OF PARTITIONS INDICATED TO ACHIEVE AN STC RATING. SEAL PERIMETER OF EACH OUTLET WITH ACOUSTICAL SEALANT AND SEAL BACK OF OUTLET BOX WITH OUTLET BOX PADS. REFER TO G SHEETS FOR DETAILS.

TYPICAL PARTITION TAG



WALL PARTITION / PRIORITY LEGEND

PRIORITY ORDER OF CONSTRUCTION

**REFER TO WALL ABUTMENT DETAIL AND PARTITIONS @ EXTERIOR WALLS DETAILS ON TYPICAL PARTITION DETAILS SHEET FOR ADDITIONAL INFORMATION

TWO HOUR FIRE RATED BARRIER — HIGHEST
TWO HOUR FIRE /SMOKE BARRIER
ONE HOUR FIRE/SMOKE BARRIER
ONE HOUR FIRE RATED BARRIER
SMOKE PARTITION
NON RATED PARTITION — LOWEST

SEE LIFE SAFETY PLANS FOR LOCATIONS OF RATED WALLS

Grace Design Studios

GERALD DAVID HEBERT II
LICENSE No. 41787
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

ISSUED FOR: REVIEW & PRICING

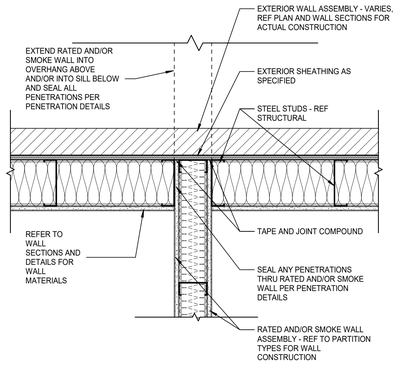
PROJECT NO: 571506

PARTITION TYPES

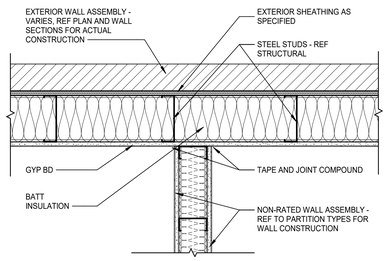
SHEET NUMBER

G003

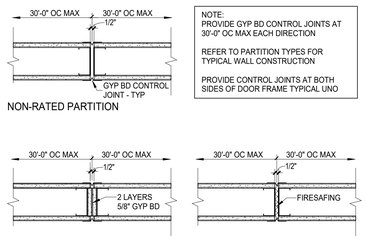
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 10:24:48 PM



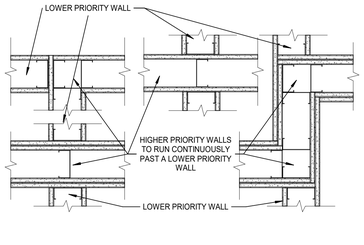
1 RATED AND/OR SMOKE WALL @ EXTERIOR WALL
1 1/2" = 1'-0"



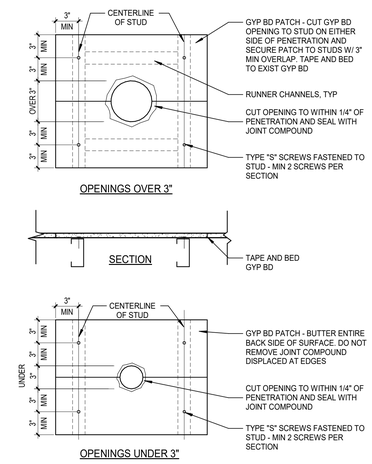
2 NON-RATED WALL ABUTTING EXTERIOR WALL DTL
1 1/2" = 1'-0"



3 GYP BD CONTROL JOINT DETAIL
1 1/2" = 1'-0"

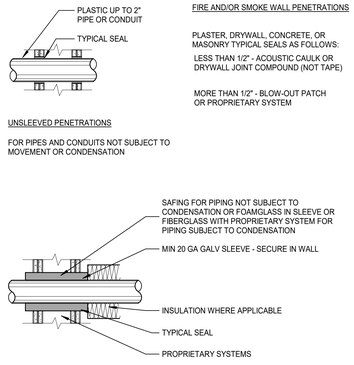


4 WALL ABUTMENT DETAILS
1 1/2" = 1'-0"



NOTES:
1. IF ANY PIPES ARE TO BE INSULATED, DO NOT RUN INSULATION THROUGH A RATED AND/OR SMOKE WALL. AFTER PACKING GAP AROUND PIPE THROUGH THE WALL WITH SAFING INSULATION AND DRYWALL MUD, FLARE INSULATION ONTO FACE OF WALL AROUND PIPE ON BOTH SIDES OF WALL, AND SEAL TO FACE OF WALL WITH INSULATION MASTIC.
2. ONLY ONE (1) LAYER ON EACH SIDE OF WALL REQUIRED FOR 1 OR 2 HOUR WALLS. BLOW-OUT PATCH IS NOT ACCEPTABLE ON WALLS RATED AT 3 OR 4 HOURS.
3. BUTTER ENTIRE BACK SIDE OF PATCH WITH JOINT COMPOUND
4. LEAVE ALL SCREWS EXPOSED.
5. PATCHES SHALL BE TYPE "X" GYP IN THE SAME THICKNESS USED FOR WALL CONSTRUCTION

5 PATCH @ PENETRATIONS IN RATED / SMOKE WALLS
1 1/2" = 1'-0"



FIRE AND/OR SMOKE WALL PENETRATIONS

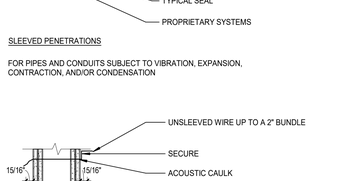
PLASTER, DRYWALL, CONCRETE, OR MASONRY TYPICAL SEALS AS FOLLOWS:

LESS THAN 1/2" - ACOUSTIC CAULK OR DRYWALL JOINT COMPOUND (NOT TAPE)

MORE THAN 1/2" - BLOW-OUT PATCH OR PROPRIETARY SYSTEM

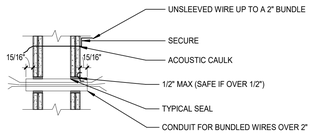
UNSLEEVED PENETRATIONS

FOR PIPES AND CONDUITS NOT SUBJECT TO MOVEMENT OR CONDENSATION



SLEEVED PENETRATIONS

FOR PIPES AND CONDUITS SUBJECT TO VIBRATION, EXPANSION, CONTRACTION, AND/OR CONDENSATION

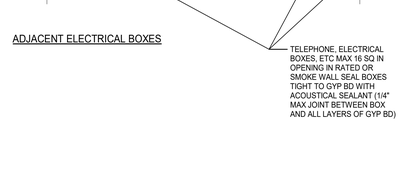


WIRE PENETRATIONS

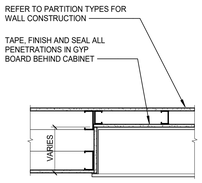
SLEEVES SHALL BE SECURED IN THE WALL TO PREVENT MOVEMENT

6 RATED SMOKE WALL PENETRATIONS
1 1/2" = 1'-0"

IN ALL RATED PARTITIONS AND SMOKE PARTITIONS, THE SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQUARE INCHES. THE AGGREGATE SURFACE AREA OF THE BOXES SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET. BOXES WHICH EXCEED THESE STANDARDS SHALL BE RECESSED AS SHOWN IN "RECESSED EQUIPMENT, BOXES AND DEVICES" DETAIL. BOXES LOCATED ON OPPOSITE SIDES OF RATED AND / OR SMOKE PARTITIONS SHALL BE SEPARATED BY HORIZONTAL DISTANCE OF 24 INCHES MINIMUM.



7 ELEC BOX RATED / SMOKE WALLS
1 1/2" = 1'-0"



"A" RATED WALL

8 RECESSED EQUIPMENT, BOXES & DEVICES DETAIL
1" = 1'-0"

Grace Design Studios

GERARD DAVID HEBERT II — No. 40181 — REGISTERED ARCHITECT — STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

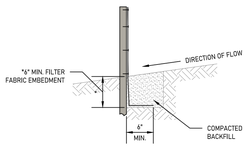
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

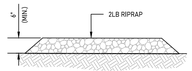
TYPICAL PARTITION DETAILS

SHEET NUMBER
G004

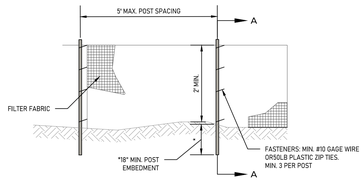
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:24:27 PM



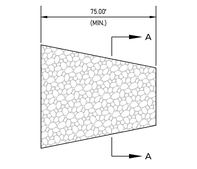
SECTION A-A



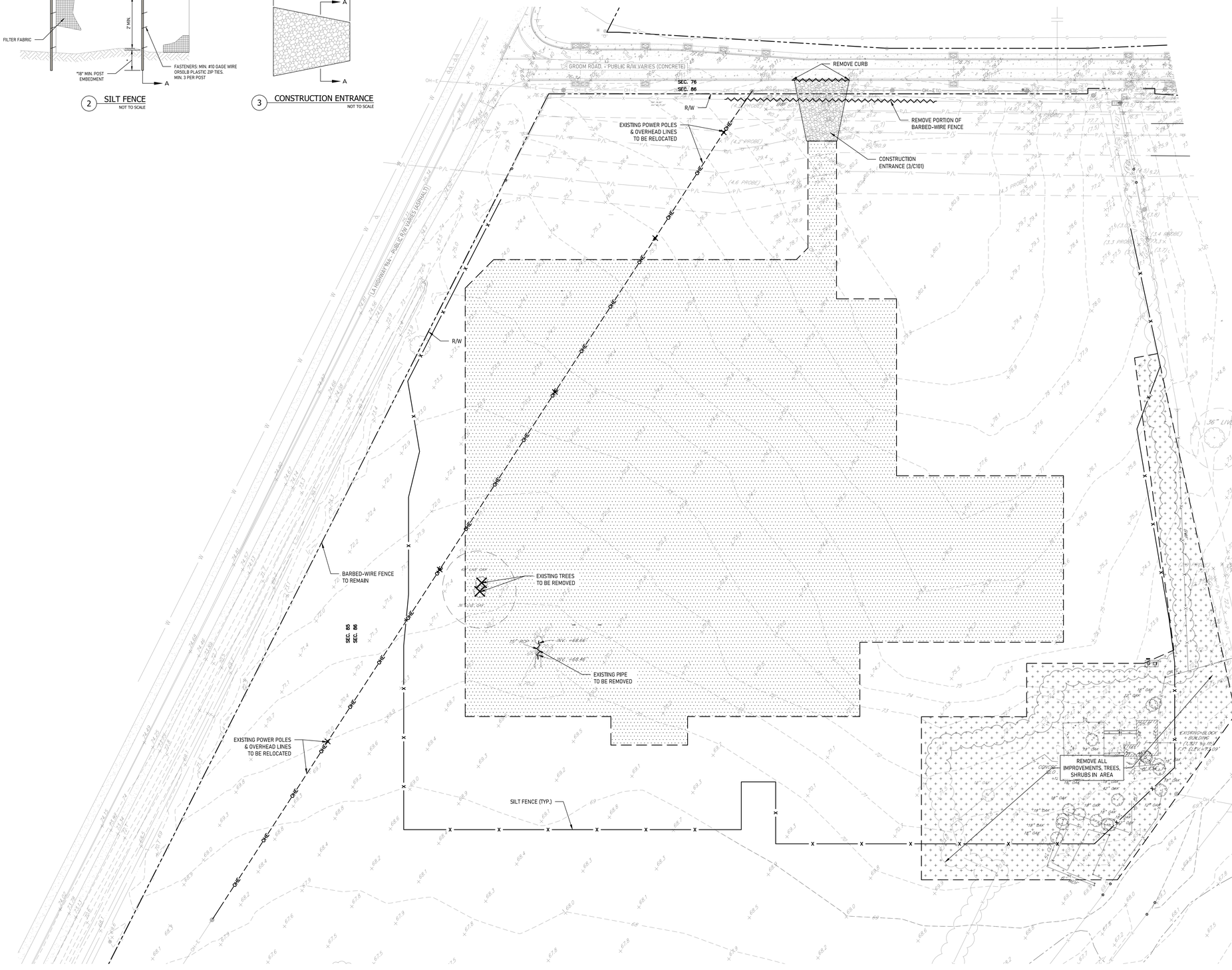
SECTION A-A



2 SILT FENCE
NOT TO SCALE



3 CONSTRUCTION ENTRANCE
NOT TO SCALE



1 SITE CLEARING & PHASE I EROSION CONTROL PLAN
Scale: 1" = 50'

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

SITE CLEARING NOTES:

1. THE LIMITS OF STRIPPING SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY LIMITS BASED ON THE LAYOUT OF THE PROPOSED SITE IMPROVEMENTS.
2. ALL EXCESS TOPSOIL SHALL BE REMOVED FROM THE PROJECT SITE & DISPOSED OF LAWFULLY.
3. ALL MATERIAL REMOVED FROM PROJECT SITE SHALL BE REMOVED FROM SITE & DEPOSITED IN AN OFF-SITE LOCATION.
4. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS RELATED TO THE DEMOLITION & REMOVAL OF ALL POTENTIALLY HAZARDOUS MATERIALS.
5. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES DESIGNED TO REMAIN THROUGHOUT CONSTRUCTION, AND SHALL REPAIR OR REPLACE DAMAGED ITEMS IN KIND AT NO ADDITIONAL COST TO THE OWNER.
6. AREAS BENEATH PROPOSED PAVEMENT OR SLABS SHALL BE STRIPPED TO A MINIMUM DEPTH OF 8" OR AS REQUIRED TO ACHIEVE THE PROPOSED SUBGRADE ELEVATIONS IN ORDER TO REMOVE ALL VEGETATION, ORGANIC MATTER, AND DELETERIOUS MATERIALS & TO ACHIEVE STABLE SUBGRADE. ACTUAL DEPTH OF REMOVAL SHALL BE VERIFIED IN FIELD WITH THE GEOTECHNICAL ENGINEER.

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL SUBMIT "LPDES NOTICE OF INTENT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY GREATER THAN 5 ACRES" (LAR100000) TO LDEQ AND SHALL RECEIVE WRITTEN NOTIFICATION FROM THE SAME AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION ACTIVITIES.
2. CONTRACTOR SHALL SUBMIT "LPDES NOTICE OF TERMINATION OF COVERAGE UNDER LPDES GENERAL PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY" UPON THE FINAL ACCEPTANCE OF THE PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS RELATED TO THE CONTROL OF EROSION & PROTECTION OF RECEIVING STORMWATER SYSTEMS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING & MAINTAINING PROVISIONS OF THE STORMWATER POLLUTION PREVENTION PLAN.
5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT COVER IS ESTABLISHED.
6. STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF ANY OTHER CONSTRUCTION OR DEMOLITION ACTIVITIES, AND SHALL REMAIN IN-PLACE UNTIL SUCH TIME THAT THE PAVED SURFACE IS CONSTRUCTED.
7. SILT FENCE INSTALLATION SHALL PRECEDE ANY CLEARING, DEMOLITION, OR CONSTRUCTION ACTIVITIES.
8. WITH THE EXCEPTION OF AREAS THAT ARE DESIGNATED TO BE FINISHED WITH PAVEMENT OR SOD, ALL DISTURBED AREAS SHALL BE SEEDED WITHIN SEVEN (7) DAYS AFTER THE COMPLETION OF CLEARING ACTIVITIES.
9. ALL EROSION & SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED WEEKLY (AT A MINIMUM) AND AFTER EACH RAINFALL. DEFICIENT AREAS SHALL BE REPAIRED BY CONTRACTOR IMMEDIATELY.
10. PROVIDE SILT FENCE AROUND SOIL STOCKPILES THAT WILL NOT BE USED WITHIN THREE (3) DAYS FROM PLACEMENT, OR THAT SHED RUNOFF TOWARDS UNPROTECTED DRAINAGE SYSTEMS.

SITE CLEARING & EROSION CONTROL LEGEND

AREA OF STRIPPING	
AREA OF CLEARING & DEMOLITION	
SAW CUT PAVEMENT	
ITEM TO BE REMOVED	X OR
OVERHEAD ELECTRIC LINE TO BE RELOCATED	OHE
SILT FENCE	X
EXISTING ELEVATION	x26.00
DIRECTION OF OVERLAND FLOW	
PROPERTY LINE	P.L.
RIGHT OF WAY	R/W

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. FOX
License No. 37716
PROFESSIONAL ENGINEER
FOX ENGINEERING, LLC

03-30-2026

FOX:NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

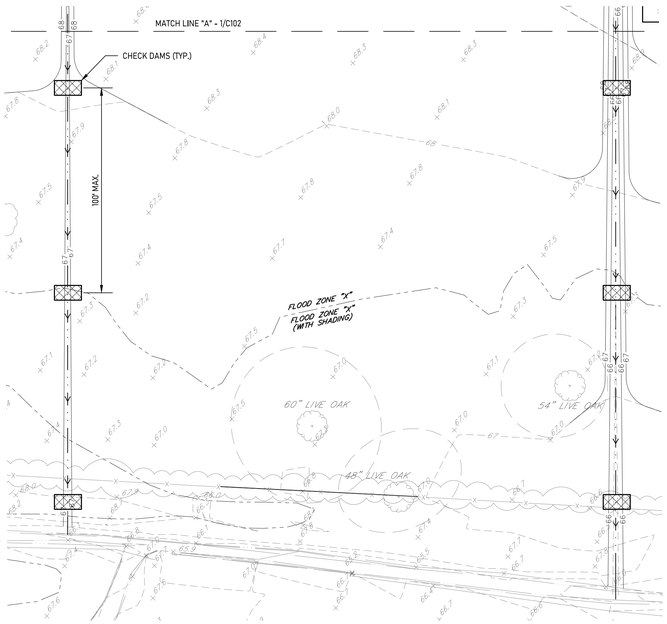
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

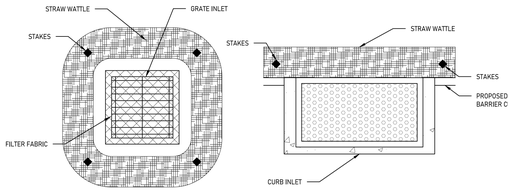
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SITE CLEARING & PHASE i
EROSION CONTROL PLAN

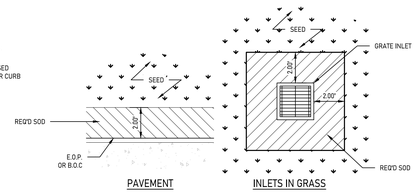
SHEET NUMBER
C101



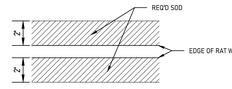
2 PHASE II EROSION CONTROL PLAN
Scale: 1" = 50'



3 INLET PROTECTION
NOT TO SCALE

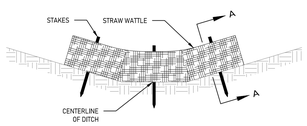


4 REQ'D 2' SOD STRIP
NOT TO SCALE

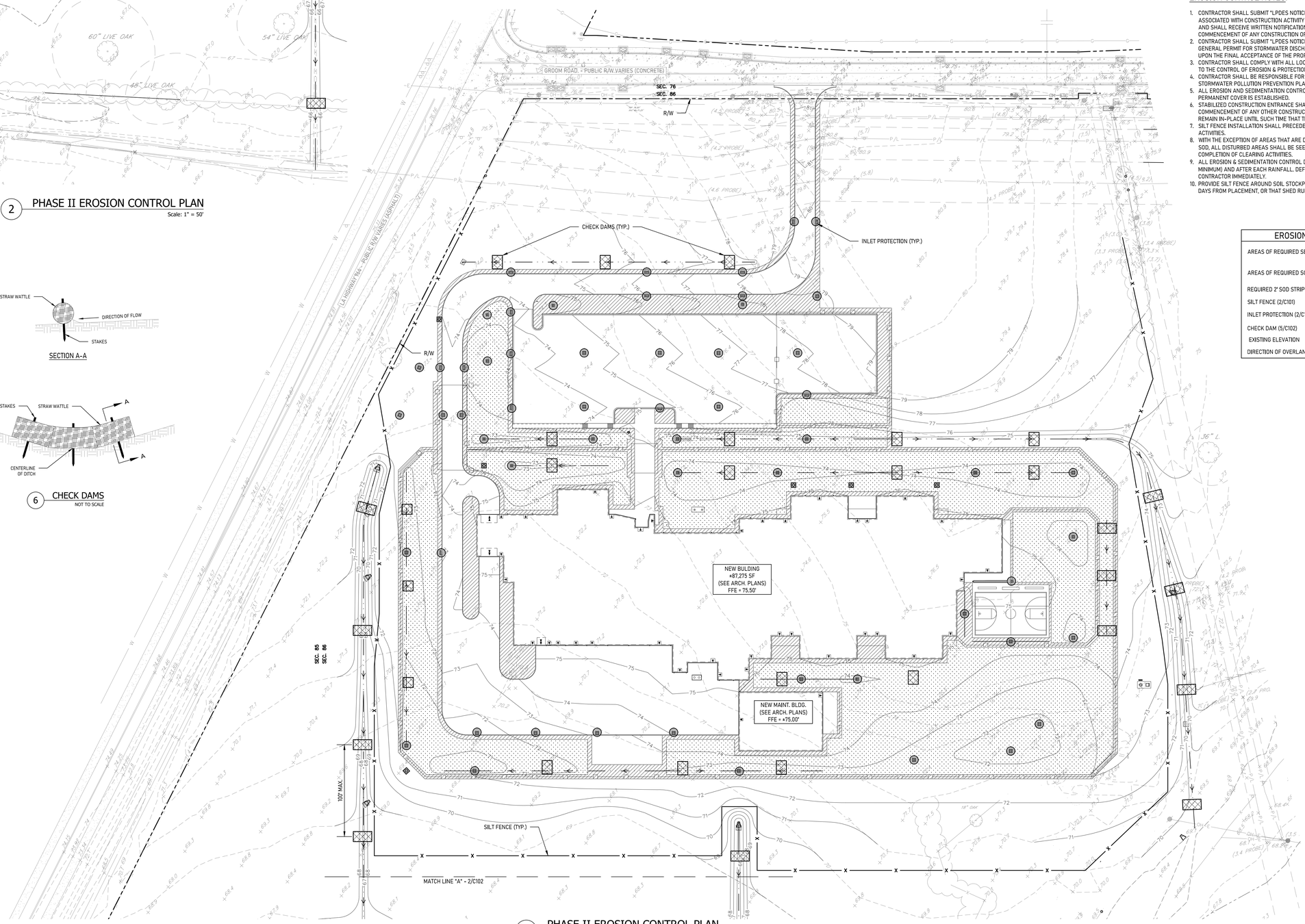


5 SOD STRIP ALONG PERIMETER FENCE
NOT TO SCALE

SECTION A-A



6 CHECK DAMS
NOT TO SCALE



1 PHASE II EROSION CONTROL PLAN
Scale: 1" = 50'

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

SITE CLEARING NOTES:

1. THE LIMITS OF STRIPPING SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY LIMITS BASED ON THE LAYOUT OF THE PROPOSED SITE IMPROVEMENTS.
2. ALL EXCESS TOPSOIL SHALL BE REMOVED FROM THE PROJECT SITE & DISPOSED OF LAWFULLY.
3. ALL MATERIAL REMOVED FROM PROJECT SITE SHALL BE REMOVED FROM SITE & DEPOSITED IN AN OFF-SITE LOCATION.
4. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS RELATED TO THE DEMOLITION & REMOVAL OF ALL POTENTIALLY HAZARDOUS MATERIALS.
5. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES DESIGNED TO REMAIN THROUGHOUT CONSTRUCTION, AND SHALL REPAIR OR REPLACE DAMAGED ITEMS IN KIND AT NO ADDITIONAL COST TO THE OWNER.
6. AREAS BENEATH PROPOSED PAVEMENT OR SLABS SHALL BE STRIPPED TO A MINIMUM DEPTH OF 8" OR AS REQUIRED TO ACHIEVE THE PROPOSED SUBGRADE ELEVATIONS IN ORDER TO REMOVE ALL VEGETATION, ORGANIC MATTER, AND DELETERIOUS MATERIALS & TO ACHIEVE STABLE SUBGRADE. ACTUAL DEPTH OF REMOVAL SHALL BE VERIFIED IN FIELD WITH THE GEOTECHNICAL ENGINEER.

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL SUBMIT "LPDES NOTICE OF INTENT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY GREATER THAN 5 ACRES" (LAR100000) TO LDEQ AND SHALL RECEIVE WRITTEN NOTIFICATION FROM THE SAME AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION ACTIVITIES.
2. CONTRACTOR SHALL SUBMIT "LPDES NOTICE OF TERMINATION OF COVERAGE UNDER LPDES GENERAL PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY" UPON THE FINAL ACCEPTANCE OF THE PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS RELATED TO THE CONTROL OF EROSION & PROTECTION OF RECEIVING STORMWATER SYSTEMS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING & MAINTAINING PROVISIONS OF THE STORMWATER POLLUTION PREVENTION PLAN.
5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT COVER IS ESTABLISHED.
6. STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF ANY OTHER CONSTRUCTION OR DEMOLITION ACTIVITIES, AND SHALL REMAIN IN-PLACE UNTIL SUCH TIME THAT THE PAVED SURFACE IS CONSTRUCTED.
7. SILT FENCE INSTALLATION SHALL PRECEDE ANY CLEARING, DEMOLITION, OR CONSTRUCTION ACTIVITIES.
8. WITH THE EXCEPTION OF AREAS THAT ARE DESIGNATED TO BE FINISHED WITH PAVEMENT OR SOD, ALL DISTURBED AREAS SHALL BE SEEDED WITHIN SEVEN (7) DAYS AFTER THE COMPLETION OF CLEARING ACTIVITIES.
9. ALL EROSION & SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED WEEKLY (AT A MINIMUM) AND AFTER EACH RAINFALL. DEFICIENT AREAS SHALL BE REPAIRED BY CONTRACTOR IMMEDIATELY.
10. PROVIDE SILT FENCE AROUND SOIL STOCKPILES THAT WILL NOT BE USED WITHIN THREE (3) DAYS FROM PLACEMENT, OR THAT SHED RUNOFF TOWARDS UNPROTECTED DRAINAGE SYSTEMS.

EROSION CONTROL LEGEND

AREAS OF REQUIRED SEED	
AREAS OF REQUIRED SOD	
REQUIRED 2' SOD STRIP (3/C102)	
SILT FENCE (2/C101)	x
INLET PROTECTION (2/C102)	
CHECK DAM (5/C102)	
EXISTING ELEVATION	×75.0
DIRECTION OF OVERLAND FLOW	

0 50' 100'

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. KEY
License No. 37716
PROFESSIONAL ENGINEER
ENGINEERING
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C3D2025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PHASE II EROSION CONTROL PLAN

SHEET NUMBER
C102

SITE PLAN LEGEND

PARKING COUNT	(#)
KEYED NOTE	(#)
PROPERTY LINE	P/L
RIGHT-OF-WAY	R/W
EDGE OF PAVEMENT	E.O.P.
NEW CONCRETE SIDEWALK	
NEW CONCRETE PAVEMENT (2/C300)	
NEW ASPHALT PAVEMENT (3/C300)	

CROSS SECTION: SECTION NUMBER / SHEET NUMBER — 1 / C001

DRAWING TITLE: VIEW NUMBER (#) — VIEW TITLE, SCALE

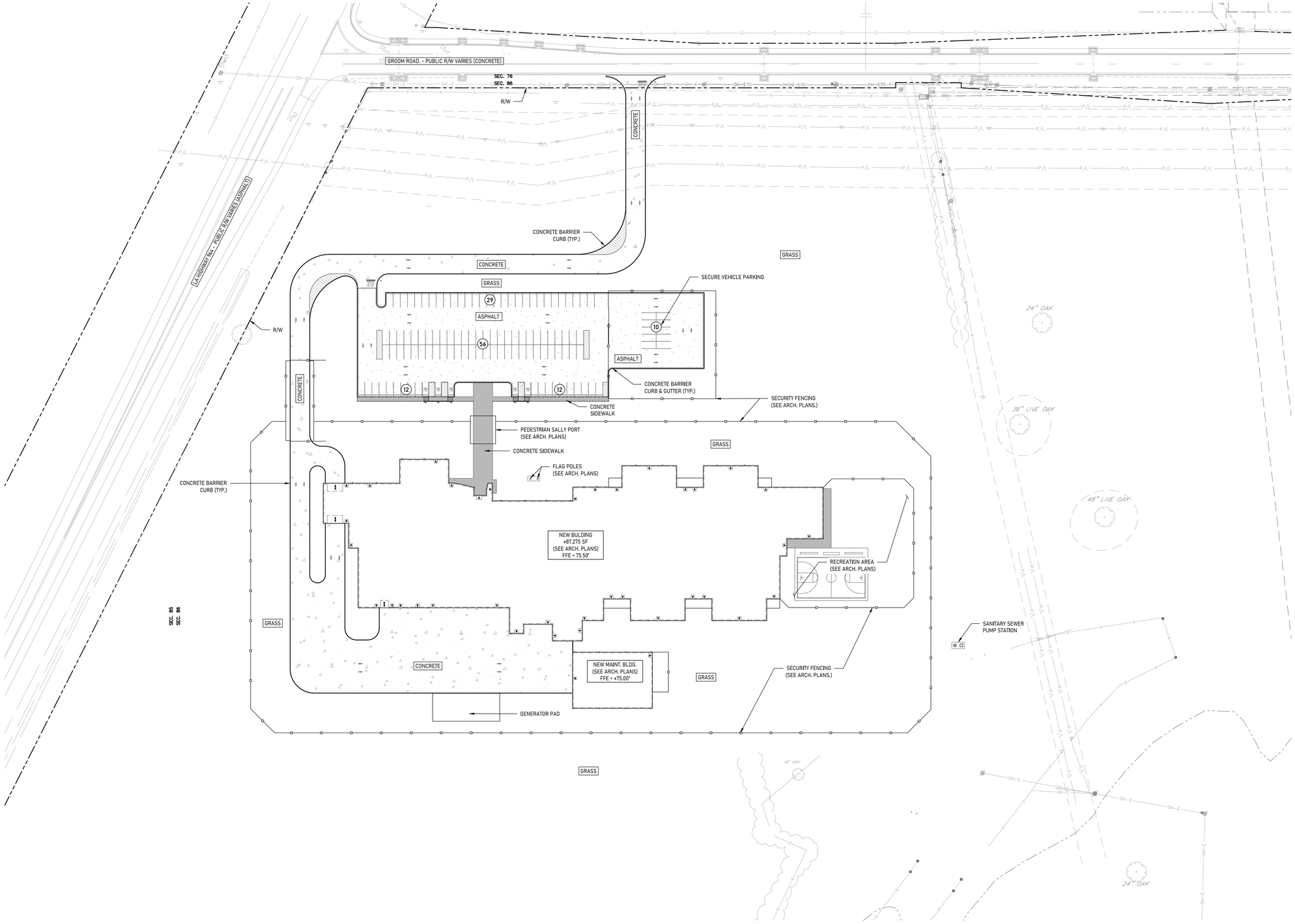
DETAIL CALL OUT: DETAIL NUMBER #/C### SHEET NUMBER

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

PARKING SUMMARY TABLE

# OF PUBLIC STALLS PROVIDED	# OF SECURE STALLS PROVIDED	# OF ADA STALLS REQ'D	# OF ADA STALLS PROVIDED
109 STALLS	10 STALLS	5 STALLS	5 STALLS



1 OVERALL SITE PLAN
Scale: 1" = 50'

Grace Design Studios

SCOTT M. FOX
License No. 32716
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com

© 2026 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

OVERALL SITE PLAN

SHEET NUMBER
C200

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

GEOMETRIC LAYOUT NOTES:

1. WHERE CURVE DATA IS NOT SHOWN, CURVES SHALL HAVE A TOTAL ANGLE OF 90°.
2. WHERE NO CURB RADIUS IS SHOWN, RADIUS SHALL BE 5' ALONG FACE OF CURB
3. DIMENSIONS & CURVE DATA ARE TAKEN TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. ALL PROPOSED SIGNAGE & PAVEMENT STRIPING SHALL CONFORM TO THE CURRENT EDITION OF THE M.U.T.C.D.

GEOMETRIC LAYOUT LEGEND	
KEYED NOTE	#
CONCRETE SIDEWALK OR FLUME	
BARRIER CURB	
MONOLITHIC SIDEWALK CURB	
WHEEL STOP	
BUILDING ENTRANCES	
EDGE OF PAVEMENT	E.O.P.

KEYED NOTES	
1	CONCRETE SIDEWALK (13/C202)
2	6" BARRIER CURB (9/C202)
3	MONOLITHIC SIDEWALK CURB (11/C202)
4	CONCRETE CURB RAMP (12/C202)
5	CONCRETE WHEEL STOPS (14/C202)
6	ADA PARKING STALL (3/C202)
7	STANDARD PARKING STALL (2/C202)
8	"STOP" SIGN (R1-1, 30"x30") (6/C202)
9	TRAFFIC FLOW ARROWS (5/C202)
10	END OF LANE MARKINGS (7/C202)
11	BOLLARD (8/C202)
12	FLAGPOLES (SEE ARCH. PLANS)
13	SECURITY FENCING (SEE ARCH. PLANS)
14	RECREATION AREA (SEE ARCH. PLANS)
15	TAPERED CURB (15/C202)
16	SIDEWALK TURNDOWN EDGE (16/C202)

1 GEOMETRIC LAYOUT
Scale: 1" = 30'

Grace Design Studios

SCOTT M. FEIL
License No. 37716
PROFESSIONAL ENGINEER
FOX-NESBIT ENGINEERING, LLC
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

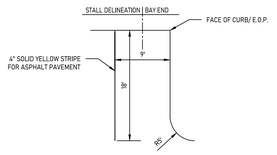
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

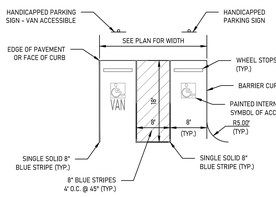
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

GEOMETRIC LAYOUT

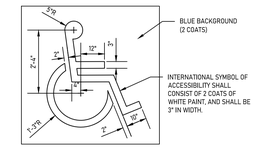
SHEET NUMBER
C201



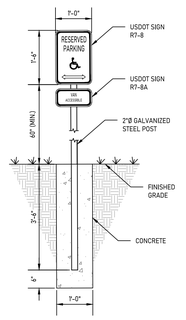
2 STANDARD STALL LAYOUTS
NOT TO SCALE



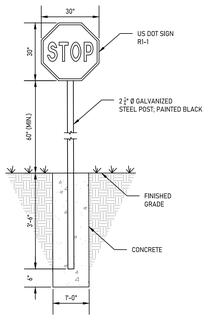
3 TYPICAL ADA PARKING STALL LAYOUTS
SCALE: NOT TO SCALE



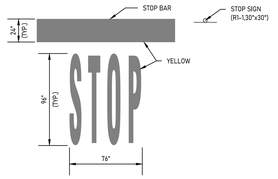
4 PAINTED ACCESS SYMBOL
NOT TO SCALE



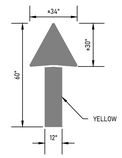
5 HANDICAPPED PARKING SIGN
NOT TO SCALE



6 STOP SIGN
NOT TO SCALE



7 END OF LANE MARKINGS & SIGN
NOT TO SCALE



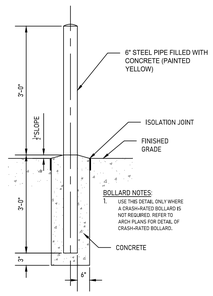
5 TRAFFIC FLOW ARROW
NOT TO SCALE

GENERAL NOTES:

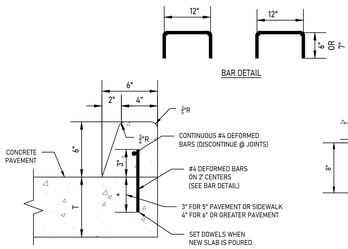
1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSUARANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

GEOMETRIC LAYOUT NOTES:

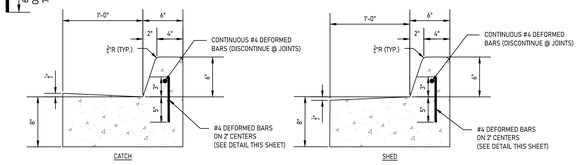
1. WHERE CURVE DATA IS NOT SHOWN, CURVES SHALL HAVE A TOTAL ANGLE OF 90°.
2. WHERE NO CURB RADIUS IS SHOWN, RADIUS SHALL BE 5' ALONG FACE OF CURB
3. DIMENSIONS & CURVE DATA ARE TAKEN TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. ALL PROPOSED SIGNAGE & PAVEMENT STRIPING SHALL CONFORM TO THE CURRENT EDITION OF THE M.U.T.C.D.



8 BOLLARD
NOT TO SCALE

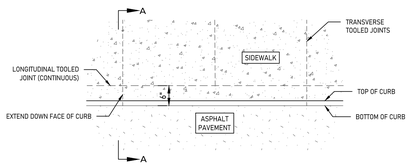


9 PIN-ON BARRIER CURB
NOT TO SCALE

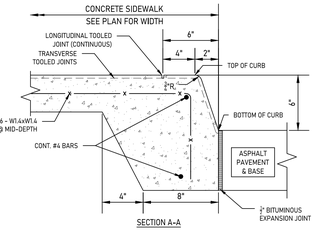


CONCRETE CURB & GUTTER NOTES:
1. EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM OF 10'O.C. AND AT ALL CORNERS.
2. REQUIRED CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000PSI AT 28 DAYS (MIN.).

10 6" BARRIER CURB & GUTTER
NOT TO SCALE

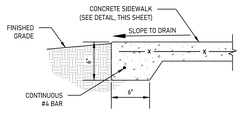


11 MONOLITHIC CONCRETE SIDEWALK & CURB DETAIL
NOT TO SCALE

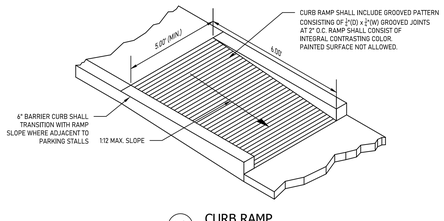


SECTION A-A

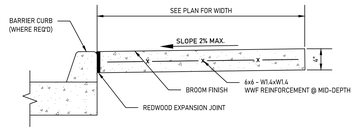
GEOMETRIC LAYOUT LEGEND	
KEYED NOTE	#
CONCRETE SIDEWALK	
BARRIER CURB	
MONOLITHIC SIDEWALK CURB	
WHEEL STOP	
BUILDING ENTRANCES	
EDGE OF PAVEMENT	E.O.P.



16 SIDEWALK TURNDOWN EDGE
NOT TO SCALE

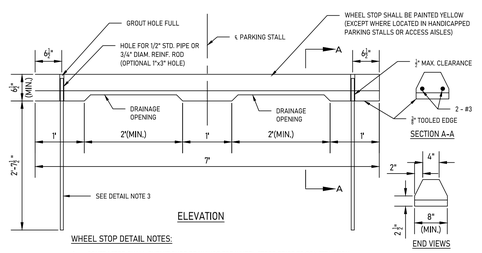


12 CURB RAMP
NOT TO SCALE



CONCRETE SIDEWALK NOTES:
1. ½" TOOLED JOINTS REQUIRED AT INTERVALS EQUAL TO WIDTH OF SIDEWALK. (8' MAX. INTERVAL)
2. ½" EXPANSION JOINTS REQUIRED AT 100' MAX. AND AT JUNCTIONS WITH CURBS, DRIVES, OR OTHER WALKS.
3. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2% (1:50).
4. SIDEWALK LONGITUDINAL SLOPES SHALL NOT EXCEED 5% (1:20).

13 CONCRETE SIDEWALK
NOT TO SCALE

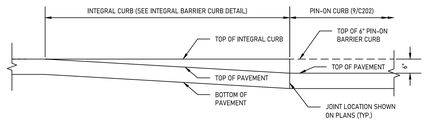


ELEVATION

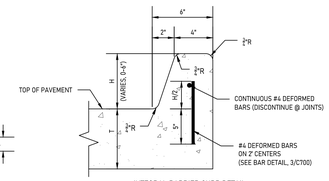
WHEEL STOP DETAIL NOTES:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR WHEEL STOPS PRIOR TO CONSTRUCTION. DRAWINGS SHALL INCLUDE ALL DIMENSIONS, REINFORCING, AND COLORS AS SHOWN HEREON.
2. DRAINAGE OPENINGS MUST BE PROVIDED & ILLUSTRATED ON SHOP DRAWINGS.
3. 1/2" STD PIPE OR 3/4" REINF. ROD SHALL BE PLACED PRIOR TO SURFACING OR IN A HOLE DRILLED IN THE FINISHED SURFACE WITH A TIGHT FIT OBTAINED BY AN APPROVED METHOD, OR DRIVEN INTO THE SURFACING.

14 PRECAST CONCRETE WHEEL STOP DETAILS
NOT TO SCALE

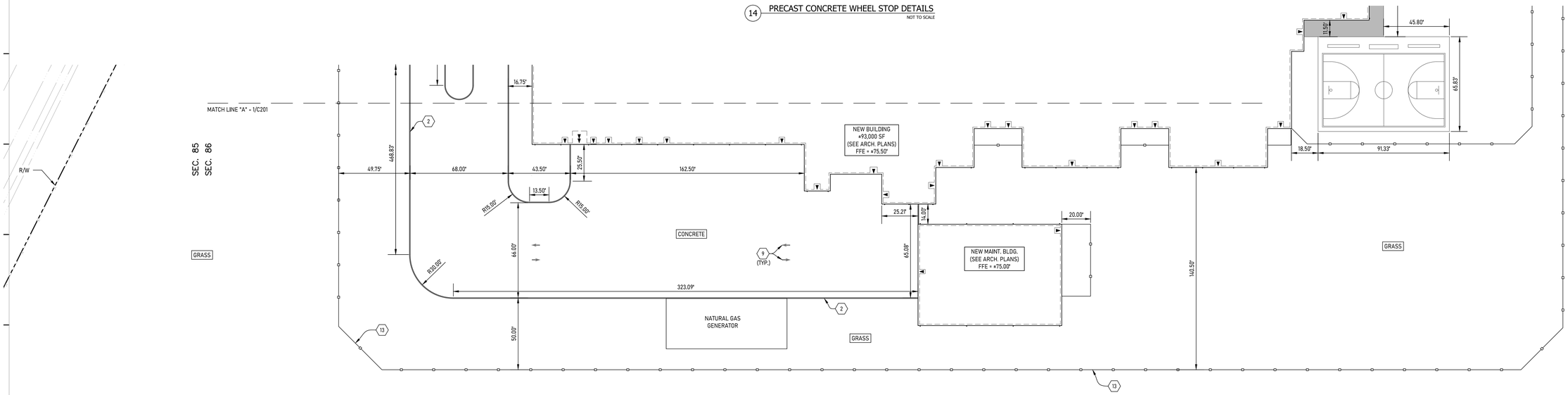
FLUSH-BARRIER CURB TRANSITION NOTES:
1. TAPERED CURB SHALL BE INTEGRAL WITH PAVEMENT THROUGHOUT LENGTH OF TRANSITION.
2. SEE 9/C202 FOR CURB DETAIL.



15 INTEGRAL CURB WITH TAPER
NOT TO SCALE



INTEGRAL BARRIER CURB DETAIL



1 GEOMETRIC LAYOUT
Scale: 1" = 30'

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. VEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEERING
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

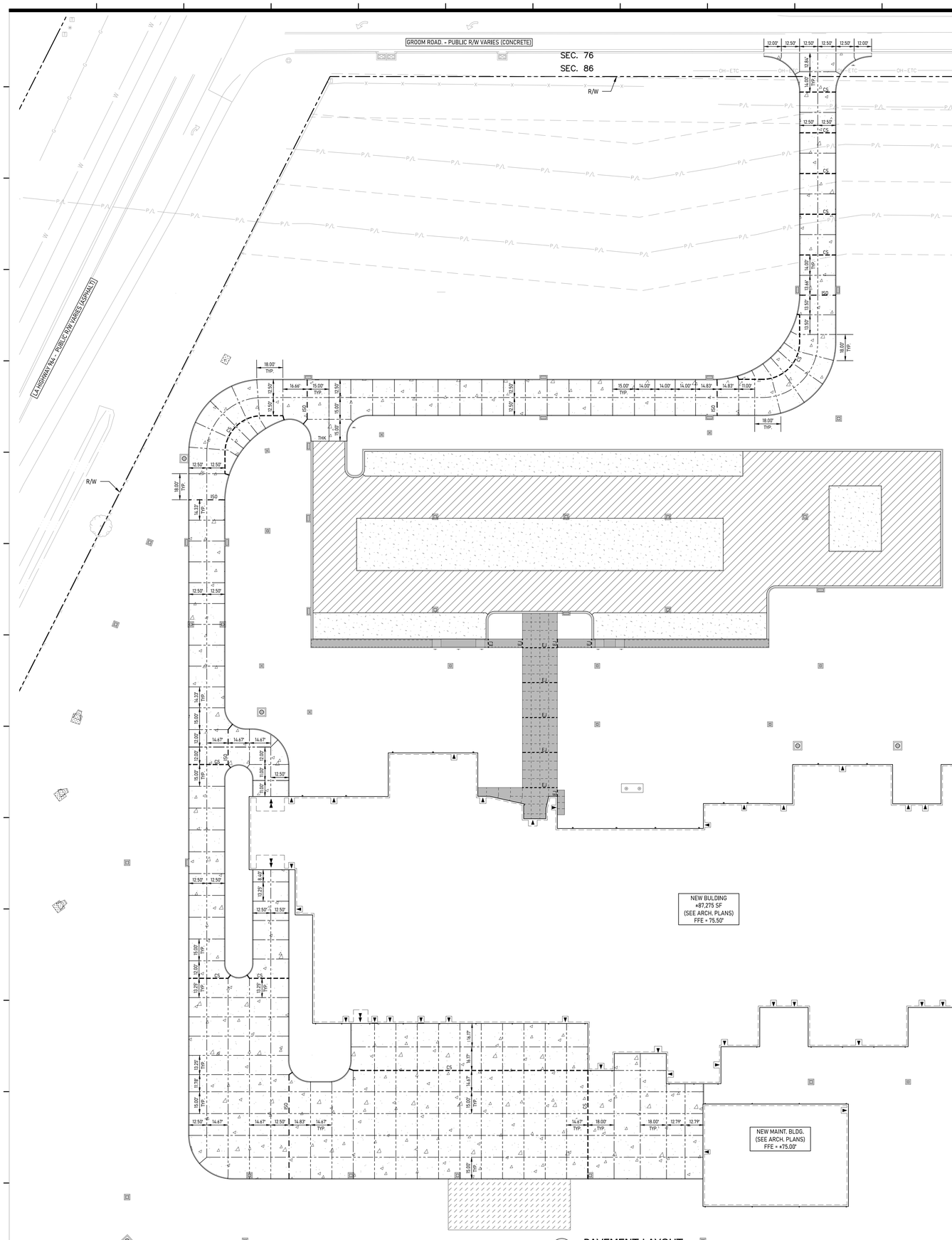
PROJECT NO. 08-403-04-02, Part 09 (F 08000078) &
08-403-24-01, F 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

GEOMETRIC LAYOUT

SHEET NUMBER
C202



1 PAVEMENT LAYOUT
Scale: 1" = 30'

PAVING & JOINT LEGEND

CONTRACTION JOINT	
CONSTRUCTION JOINT	CS
ISOLATION JOINT	ISO
THICKENED EDGE	THK
TOOLED JOINT	
SIDEWALK EXPANSION JOINT	EJ
COURT PAVEMENT (5")	
CONCRETE PAVEMENT (8")	
LIGHT DUTY ASPHALT PAVEMENT (3")	
MEADIUM DUTY ASPHALT PAVEMENT (4")	
EQUIPMENT PAD	
CONCRETE SIDEWALK (4")	
PANELS TO BE REINFORCED W/ #4 DEFORMED BARS @ 12" O.C.E.W.	✶
CONCTRACTION JOINT INTERCEPT	

GENERAL NOTES:

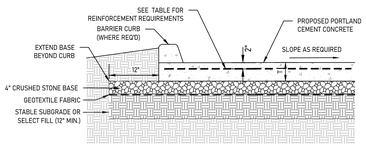
1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0135E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

PAVING & JOINT NOTES:

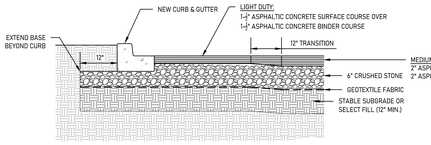
1. ALL CONCRETE PAVEMENT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000PSI.
2. ALL JOINTS SHALL BE OFFSET A MINIMUM OF 2FT FROM EDGE OF PAVEMENT IN ORDER TO PROVIDE A PERPENDICULAR INTERSECTION WHERE CURVES OR ACUTE ANGLES ARE ENCOUNTERED.
3. SAWCUTS SHALL BE MADE AS SOON AS PAVEMENT IS STABLE ENOUGH TO SUPPORT SAWING EQUIPMENT.
4. ALL DOWELS & TIE BARS MUST BE SET AT 90° ANGLES WITH RESPECT TO THE VERTICAL PLANE OF THE SLAB AT THE TIME OF CONCRETE INSTALLATION.
5. PROVIDE ½" EXPANSION JOINTS CONTINUOUSLY ALONG INTERFACE OF BUILDING SLAB & PAVEMENT WHERE OTHER STRUCTURES ENCOUNTER CONCRETE PAVEMENT.
6. WHERE REQUIRED, GEOTEXTILE FABRIC BENEATH PROPOSED JOINTS SHALL BE A MINIMUM OF 2FT IN WIDTH, WITH A MINIMUM OF 1FT EXTENDING BEYOND EACH JOINT, AND SHALL EXTEND THE FULL LENGTH OF THE JOINT.
7. ALL PAVEMENT JOINTS SHALL BE EXTENDED THROUGH CURBS, AND SHALL EXTEND THROUGH THE FULL DEPTH OF CURBS.
8. EXTEND EDGE OF NEW PAVEMENT SLAB BEYOND BACK OF CURB AS SHOWN. SEE PAVEMENT BACKING DETAIL,.
9. PAVEMENT BASE SHALL EXTEND 12" (MIN.) BEYOND BACK OF PROPOSED CURB OR EDGE OF PAVEMENT IN ALL PAVED AREAS.

REQUIRED REINFORCEMENT TABLE

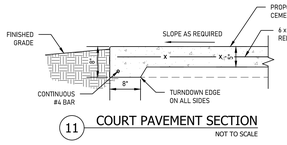
T OR T2	DOWEL SIZE	REINFORCEMENT
5"	DO NOT USE	6 x 6 - W2.9 x W2.9 WWF
8"	#8 x 18"	#5 @ 12" O.C.E.W



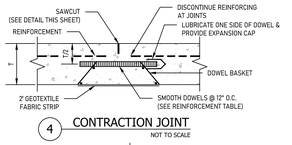
2 TYPICAL CONCRETE PAVEMENT SECTION
NOT TO SCALE



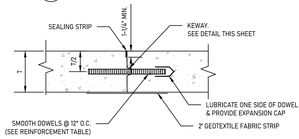
3 ASPHALT PAVEMENT SECTION
NOT TO SCALE



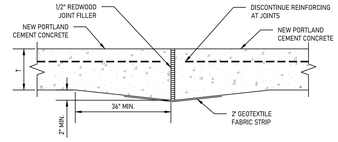
11 COURT PAVEMENT SECTION
NOT TO SCALE

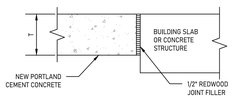


4 CONTRACTION JOINT
NOT TO SCALE

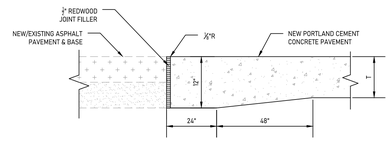


5 CONSTRUCTION JOINT (CS)
NOT TO SCALE

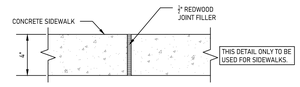




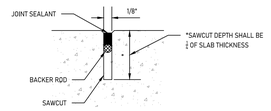
6 ISOLATION JOINT (ISO)
NOT TO SCALE



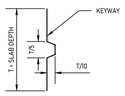
7 THICKENED EDGE (THK)
NOT TO SCALE



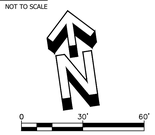
8 SIDEWALK EXPANSION JOINT (EJ)
NOT TO SCALE



9 SAWCUT DETAIL
NOT TO SCALE



10 KEYWAY DETAIL
NOT TO SCALE



Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEW
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PAVEMENT LAYOUT

SHEET NUMBER
C300

GRADING LEGEND

PROPOSED FINISHED GRADE	× 77.00	RIDGE LINE	
MATCH EXISTING GRADE	× 79.35 EG	PROPOSED SWALE CENTERLINE	
PROPOSED TOP OF CURB ELEVATION / PROPOSED PAVEMENT ELEVATION	× 75.00 / 74.50	DIRECTION OF OVERLAND FLOW	
EXISTING ELEVATION	× 80.50	DRAINAGE STRUCTURES	
PROPOSED CONTOUR	75	PROPERTY LINE	
EXISTING CONTOUR	80	RIGHT OF WAY	R/W
		EROSION CONTROL BLANKET	ECB

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

GRADING NOTES:

1. UNLESS OTHERWISE SPECIFIED, FINISHED GRADE AT PERIMETER OF PROPOSED PAVEMENT SHALL SLOPE TO EXISTING GRADE AT A MAXIMUM SLOPE OF 4H:1V.
2. ALL EXISTING ELEVATIONS ANNOTATED WITH 'EG' SHALL BE VERIFIED PRIOR TO THE INSTALLATION OF THE ASSOCIATED PROPOSED FEATURE. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IMMEDIATELY IF ANY DISCREPANCIES EXIST.
3. EROSION CONTROL BLANKET SHALL BE PROVIDED ON ALL FINISHED GREENSPACE SLOPES EXCEEDING 5% (20H:1V) WHERE NO SOD OR OTHER PERMANENT MEANS OF STABILIZATION ARE SPECIFIED. SEE LANDSCAPE PLANS FOR GRASSING REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED BUILDINGS AT ALL TIMES.
5. FINISHED SLOPES WITHIN ADA PARKING AND ACCESS AREAS SHALL NOT EXCEED 2% IN ANY DIRECTION.
6. GRADES SHOWN HEREON REPRESENT THE GRADE OF THE FINISHED SURFACE. CONTRACTOR SHALL ACCOUNT FOR DEPTHS OF GRASS, LANDSCAPING, OR OTHER IMPROVEMENTS WHEN SETTING NEW GRADES.
7. ALL GREEN SPACE SLOPES & EMBANKMENTS SHALL BE STABILIZED WITH EROSION CONTROL BLANKET IMMEDIATELY UPON COMPLETION OF GRADING ACTIVITIES. CONTRACTOR SHALL RE-GRADE ERODED AREAS OR INCONSISTENT SLOPES PRIOR TO STABILIZATION.

TBM "A"
60D NAIL IN POWER POLE
EL. = 77.56'

NEW BULDING
=87,275 SF
(SEE ARCH. PLANS)
FFE = 75.50'

MATCH LINE "A" - 1/C402

1 GRADING PLAN
Scale: 1" = 30'

Grace Design Studios

SCOTT M. NEIL
License No. 37716
PROFESSIONAL ENGINEER
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

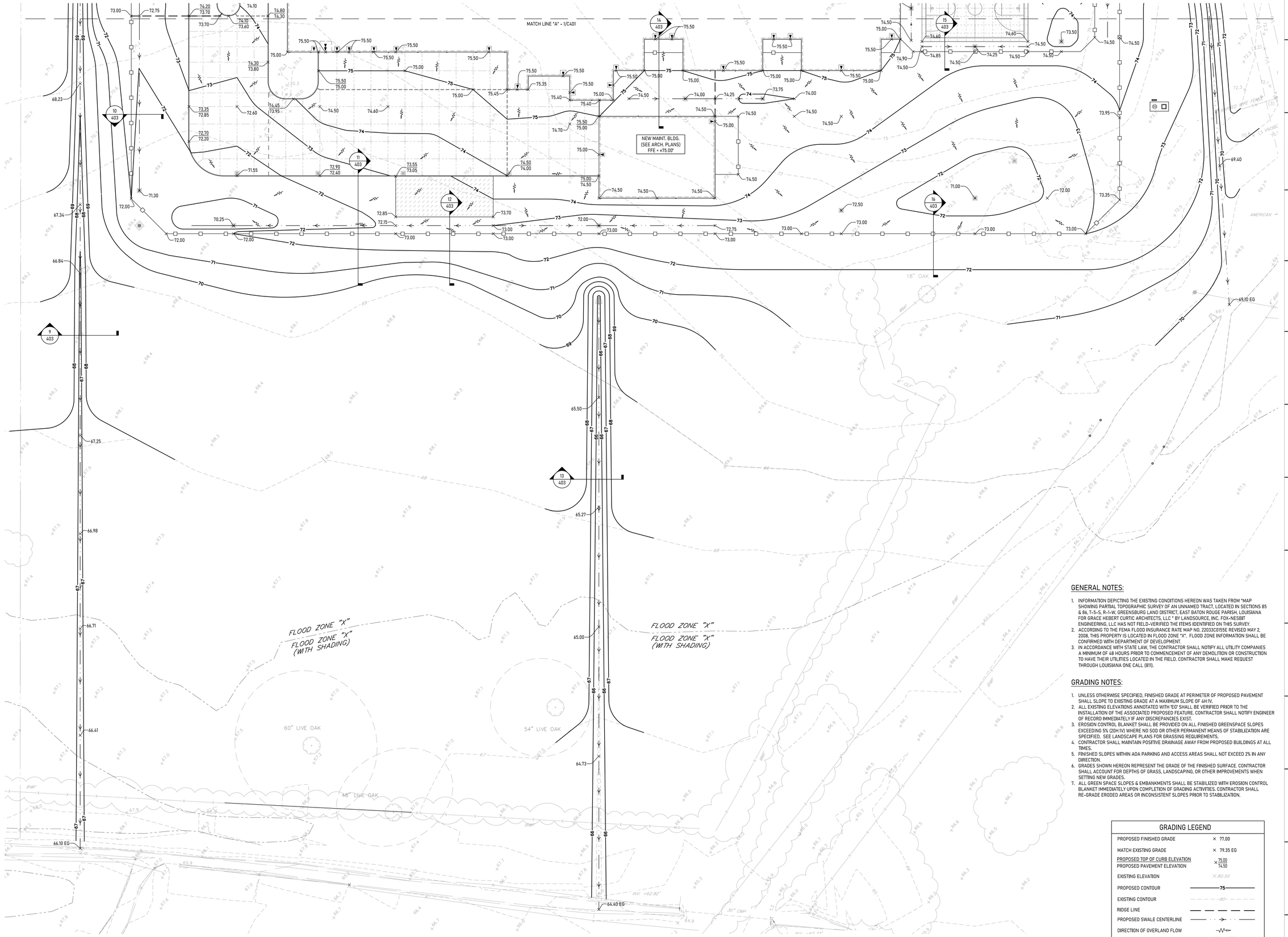
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

GRADING PLAN

SHEET NUMBER
C401



1 GRADING PLAN
Scale: 1" = 30'

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

GRADING NOTES:

1. UNLESS OTHERWISE SPECIFIED, FINISHED GRADE AT PERIMETER OF PROPOSED PAVEMENT SHALL SLOPE TO EXISTING GRADE AT A MAXIMUM SLOPE OF 4H:1V.
2. ALL EXISTING ELEVATIONS ANNOTATED WITH 'EG' SHALL BE VERIFIED PRIOR TO THE INSTALLATION OF THE ASSOCIATED PROPOSED FEATURE. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IMMEDIATELY IF ANY DISCREPANCIES EXIST.
3. EROSION CONTROL BLANKET SHALL BE PROVIDED ON ALL FINISHED GREENSPACE SLOPES EXCEEDING 5% (20H:1V) WHERE NO SOD OR OTHER PERMANENT MEANS OF STABILIZATION ARE SPECIFIED. SEE LANDSCAPE PLANS FOR GRASSING REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED BUILDINGS AT ALL TIMES.
5. FINISHED SLOPES WITHIN ADA PARKING AND ACCESS AREAS SHALL NOT EXCEED 2% IN ANY DIRECTION.
6. GRADES SHOWN HEREON REPRESENT THE GRADE OF THE FINISHED SURFACE. CONTRACTOR SHALL ACCOUNT FOR DEPTHS OF GRASS, LANDSCAPING, OR OTHER IMPROVEMENTS WHEN SETTING NEW GRADES.
7. ALL GREEN SPACE SLOPES & EMBANKMENTS SHALL BE STABILIZED WITH EROSION CONTROL BLANKET IMMEDIATELY UPON COMPLETION OF GRADING ACTIVITIES. CONTRACTOR SHALL RE-GRADE ERODED AREAS OR INCONSISTENT SLOPES PRIOR TO STABILIZATION.

GRADING LEGEND

PROPOSED FINISHED GRADE	× 77.00
MATCH EXISTING GRADE	× 79.35 EG
PROPOSED TOP OF CURB ELEVATION / PROPOSED PAVEMENT ELEVATION	× 75.00 / 74.50
EXISTING ELEVATION	× 80.50
PROPOSED CONTOUR	75
EXISTING CONTOUR	80
RIDGE LINE	
PROPOSED SWALE CENTERLINE	
DIRECTION OF OVERLAND FLOW	
DRAINAGE STRUCTURES	
PROPERTY LINE	
RIGHT OF WAY	R/W
EROSION CONTROL BLANKET	ECB

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEIL
License No. 37216
PROFESSIONAL ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER

OFFICE OF JUVENILE JUSTICE

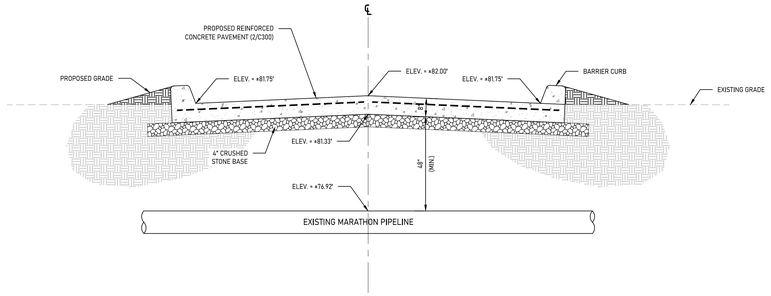
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

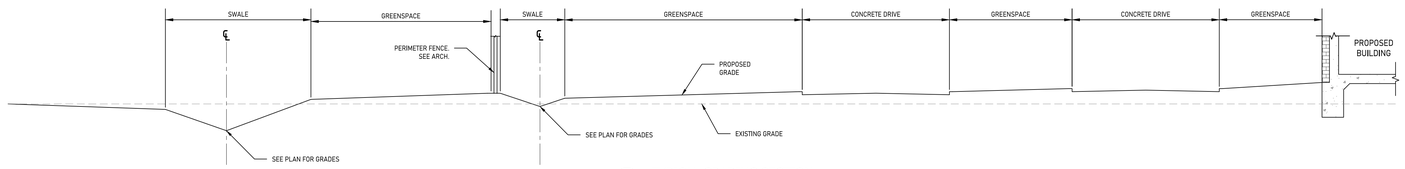
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

GRADING PLAN

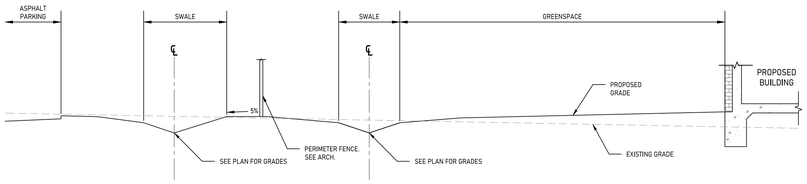
SHEET NUMBER
C402



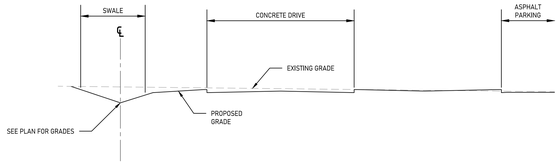
1 DRIVEWAY CROSSING MARATHON PIPELINE
NOT TO SCALE



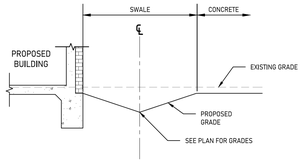
2 TYPICAL GRADING SECTION
NOT TO SCALE



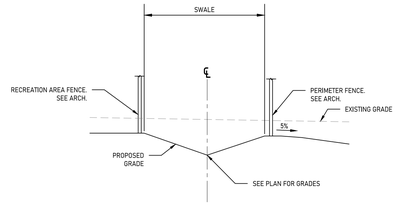
3 TYPICAL GRADING SECTION
NOT TO SCALE



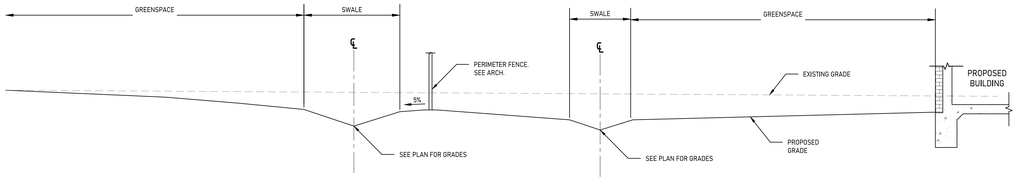
4 TYPICAL GRADING SECTION
NOT TO SCALE



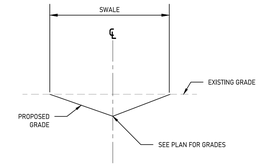
7 TYPICAL GRADING SECTION
NOT TO SCALE



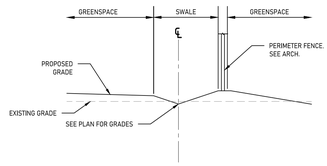
8 TYPICAL GRADING SECTION
NOT TO SCALE



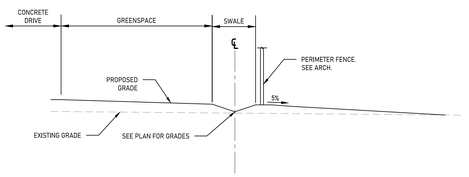
5 TYPICAL GRADING SECTION
NOT TO SCALE



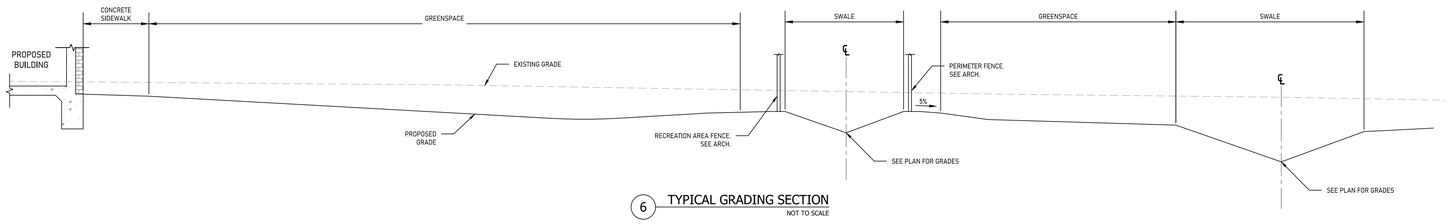
9 TYPICAL GRADING SECTION
NOT TO SCALE



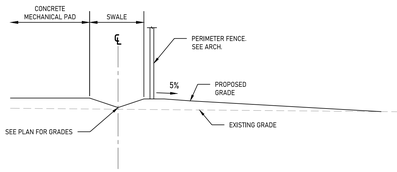
10 TYPICAL GRADING SECTION
NOT TO SCALE



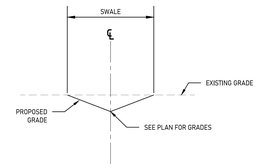
11 TYPICAL GRADING SECTION
NOT TO SCALE



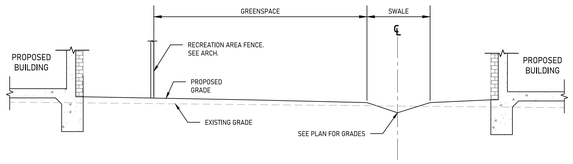
6 TYPICAL GRADING SECTION
NOT TO SCALE



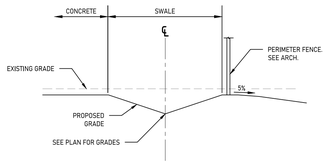
12 TYPICAL GRADING SECTION
NOT TO SCALE



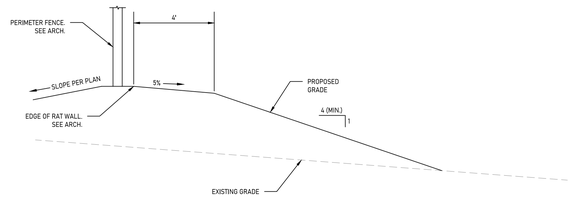
13 TYPICAL GRADING SECTION
NOT TO SCALE



14 TYPICAL GRADING SECTION
NOT TO SCALE



15 TYPICAL GRADING SECTION
NOT TO SCALE



16 TYPICAL GRADING SECTION
NOT TO SCALE

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C3020925

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TYPICAL SECTIONS

SHEET NUMBER
C403

STORM DRAINAGE & UTILITY KEYED NOTES

1. SEE M.E.P. PLANS FOR CONTINUATION
2. NEW FIRE HYDRANT
3. REMOTE FIRE DEPARTMENT CONNECTION
4. BACKFLOW PREVENTER ASSEMBLIES (FIRE/DOMESTIC)
5. TAP EXISTING WATER MAIN
6. TAP EXISTING GAS MAIN
7. PROPOSED GREASE TRAP (SEE M.E.P. PLANS)
8. PRE-FABRICATED FIBERGLASS REINFORCED SANITARY MANHOLES WITH IN-LINE GARBAGE GRINDERS
9. ELECTRICAL CONTROLS FOR PUMP STATION
10. SANITARY SEWER PUMP STATION
11. CONNECTION FROM GREASE TRAP (SEE M.E.P. PLANS)
12. TRENCH DRAIN

STORM DRAINAGE LEGEND

PROPOSED CONTOUR	75
EXISTING CONTOUR	
RIDGE LINE	
DIRECTION OF OVERLAND FLOW	
STORM DRAINAGE PIPE	
ROOF DRAIN LEADERS	
REQUIRED CLEANOUTS	C.O.
CONCRETE DRAINAGE STRUCTURES	
POLYMER YARD DRAINS	
FLARED END	
DOWNSPOUT CONNECTIONS	D.S.
RIP RAP PAD	
DRAINAGE STRUCTURE CALLOUT	#
KEYED NOTE	#

UTILITY LEGEND

DOMESTIC WATER LINE	W
FIRE WATER LINE	FW
GAS LINE	G
SANITARY SEWER LINE	SS
SEE M.E.P. FOR CONTINUATION	
RESTRAINED JOINTS	
DUCTILE IRON MECHANICAL JOINT	D.I.M.J.
OVERHEAD ELECTRIC LINE	OE
UTILITY POLE	
UTILITY LINE DIAMETER	X"
FIRE HYDRANT	
REMOTE FDC	
SANITARY SEWER MANHOLE	

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

STORM DRAINAGE NOTES:

1. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED BUILDINGS AT ALL TIMES.
2. ALL DRAINAGE PIPES, STRUCTURES, AND FITTINGS SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATION SECTION 33 42 00.
3. PROPOSED DRAINAGE SYSTEMS SHALL BE CONSTRUCTED BEGINNING AT THE OUTFALL POINT AND PROCEEDING UPSTREAM.
4. WHERE "SDP" IS INDICATED, PIPE MATERIAL SHALL BE PLASTIC OR CONCRETE IN ACCORDANCE WITH SPECIFICATION SECTION 33 42 00.
5. REFER TO ARCHITECT'S DRAWINGS FOR SIZE & LOCATION OF EXTERIOR DOWNSPOUTS.
6. ALL ROOF DRAIN LEADERS SHALL BE 8" SDP @ 1.00% SLOPE (MIN.), UNLESS OTHERWISE NOTED.

UTILITY NOTES:

1. UNDERGROUND UTILITY LOCATIONS SHOWN ARE ESTIMATED AND NOT SURVEYED, CONTRACTOR SHALL FIELD-VERIFY ACTUAL LOCATION PRIOR TO CONSTRUCTION AND EXERCISE CAUTION DURING ALL WORK.
2. WHERE PROPOSED WATER LINES & SANITARY SEWER LINES CROSS, A MINIMUM VERTICAL SEPARATION OF 12" ABOVE THE TOP OF THE SEWER LINE (MEASURED EDGE TO EDGE) SHALL BE PROVIDED BETWEEN THE LINES. THE WATER SERVICE LINE SHALL BE SLEEVED TO A POINT NOT LESS THAN 5' HORIZONTALLY FROM THE CENTERLINE OF THE SEWER LINE WITH MATERIAL APPROVED FOR WATER LINE CONSTRUCTION.
3. WATER MAINS & SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL SEPARATION OF 5' (MEASURE EDGE TO EDGE).
4. ALL UTILITY CONNECTIONS TO THE BUILDINGS SHALL BE VERIFIED WITH THE M.E.P. PLANS.
5. SEWER SYSTEM INSTALLATION SHALL BEGIN AT THE CONNECTION TO THE EXISTING SYSTEM & SHALL PROCEED UPSTREAM.
6. ALL WATER LINES 3" IN DIAMETER & LARGER SHALL HAVE RESTRAINED JOINTS AT ALL BENDS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONNECTIONS TO EXISTING PUBLIC UTILITY SYSTEMS WITH THE APPROPRIATE AGENCY/COMPANY HAVING OWNERSHIP OF THE RESPECTIVE UTILITY SYSTEM, AND SHALL INCLUDE ALL COSTS, FEES, PERMITS, ETC. IN BID.
8. WATER PIPING & APPURTENANCES SHOWN HEREON SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATION SECTION 33 14 16.
9. SANITARY SEWER PIPING & APPURTENANCES SHOWN HEREON SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATION SECITON 33 31 13.
10. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE OF EXISTING WATER LINES. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

PIPELINE COMPANY CONTACTS

COMPANY	CONTACT
MARATHON PIPELINES	EDWIN WIJEVE (575-200-6881) ejwijeve@marathonpetroleum.com
GENESIS PIPELINES	ROBERT FINDLEY (281-793-6656) robert.findley@genlp.com
SHELL/BENGAL PIPELINES	DAMIAN CAMBRE (504-465-6878) damian.cambre@shell.com

DRAINAGE STRUCTURE TABLE

STRUCTURE	TYPE	RIM ELEV.	INV. IN	INV. OUT	OUTFLOW PIPE
100	CURB INLET	80.15		76.65 (101)	12" SDP x 22' @ 0.25%
101	CURB INLET	80.15	76.59 (100)	76.11 (102)	12" SDP x 83' @ 0.25%
102	2X2 DI	78.90	75.90 (101)	75.46 (105)	12" SDP x 83' @ 0.25%
103	CURB INLET	78.40		74.90 (105)	12" SDP x 22' @ 0.25%
104	18" DI	77.25		75.00 (105)	12" SDP x 10' @ 0.25%
105	CURB INLET	78.40	74.84 (103) 74.97 (104) 75.25 (102)	73.88 (107)	15" SDP x 110' @ 0.25%
106	CURB INLET	76.55		73.13 (107)	12" SDP x 22' @ 0.25%
107	CURB INLET	76.55	73.61 (105) 73.07 (106)	72.28 (108)	15" SDP x 108' @ 0.25%
108	18" DI	74.50	72.00 (107)	70.84 (110)	15" SDP x 47' @ 0.25%
109	CURB INLET	74.50		71.71 (110)	12" SDP x 42' @ 0.25%
110	CURB INLET	74.30	70.72 (108) 71.60 (109)	70.72 (111)	15" SDP x 28' @ 0.25%
111	18" DI	74.10	70.64 (110)	70.64 (113)	15" SDP x 55' @ 0.25%
112	PIPE IN			74.00 (113)	15" RCP x 72' @ 4.75%
113	STORM MANHOLE	74.45	70.50 (112) 70.50 (111)	70.50 (122)	18" SDP x 58' @ 0.25%
114	2X2 DI	77.75		74.32 (115)	12" SDP x 90' @ 0.44%
115	2X2 DI	76.55	73.90 (114)	73.01 (116)	12" SDP x 66' @ 0.31%
116	2X2 DI	75.65	72.80 (115)	72.16 (117)	12" SDP x 86' @ 0.24%
117	2X2 DI	74.45	71.95 (116)	70.94 (118)	15" SDP x 82' @ 0.28%
118	CURB INLET	73.90	70.70 (117)	70.30 (119)	15" SDP x 28' @ 0.25%
119	18" DI	73.00	70.22 (118)	70.10 (120)	15" SDP x 26' @ 0.25%
120	CURB INLET	74.10	70.03 (119)	69.56 (121)	15" RCP x 22' @ 0.25%
121	CURB INLET	74.10	69.50 (120)	69.50 (122)	15" SDP x 23' @ 0.25%
122	2X2 DI	73.25	69.43 (121) 70.34 (113)	69.43 (130)	24" SDP x 57' @ 0.21%
123	CURB INLET	77.30		73.15 (124)	12" RCP x 101' @ 0.20%
124	2X2 DI	75.65	72.95 (123)	72.61 (125)	12" RCP x 65' @ 0.37%

DRAINAGE STRUCTURE TABLE

STRUCTURE	TYPE	RIM ELEV.	INV. IN	INV. OUT	OUTFLOW PIPE
125	CURB INLET	75.30	72.36 (124)	71.86 (126)	12" RCP x 86' @ 0.24%
126	2X2 DI	73.65	71.65 (125)	70.69 (127)	15" RCP x 82' @ 0.28%
127	CURB INLET	73.75	70.45 (126)	69.56 (128)	15" RCP x 58' @ 0.24%
128	2X2 DI	73.00	69.41 (127)	69.41 (129)	15" RCP x 18' @ 0.29%
129	2X2 DI	73.00	69.35 (128)	69.35 (130)	15" RCP x 47' @ 0.23%
130	2X2 DI	73.00	69.23 (129) 69.30 (122)	69.19 (131)	24" SDP x 63' @ 0.29%
131	FLARED END		69.00 (130)		
200	18" DI	73.50		70.97 (201)	12" SDP x 118' @ 0.25%
201	18" DI	73.00	70.67 (200)	70.67 (203)	12" SDP x 39' @ 0.25%
202	18" DI	74.40		70.95 (203)	12" SDP x 152' @ 0.25%
203	18" DI	73.75	70.57 (201) 70.57 (202)	70.57 (204)	15" SDP x 100' @ 0.25%
204	18" DI	73.25	70.32 (203)	70.32 (205)	15" SDP x 129' @ 0.25%
205	18" DI	72.50	70.00 (204)	69.27 (207)	15" RCPA x 29' @ 0.25%
206	18" DI	72.50		70.33 (207)	15" SDP x 30' @ 0.25%
207	STORM MANHOLE	73.75	70.25 (206) 69.19 (205)	68.98 (208)	24" RCPA x 143' @ 0.12%
208	FLARED END		68.81 (207)		
211	CURB INLET	73.40		69.56 (212)	12" SDP x 39' @ 0.25%
212	2X2 DI	72.00	69.45 (211)	68.70 (213)	15" RCPA x 49' @ 0.25%
213	FLARED END		68.57 (212)		
300	2X2 DI	74.00		67.84 (301)	15" SDP x 87' @ 0.25%
301	2X2 DI	73.05	67.61 (300)	67.61 (302)	15" SDP x 69' @ 0.25%
302	2X2 DI	72.40	67.43 (301)	67.43 (303)	18" SDP x 66' @ 0.25%
303	2X2 DI	71.55	67.26 (302)	67.26 (304)	24" RCP x 41' @ 0.26%
304	2X2 DI	70.25	67.14 (303)	67.14 (306)	24" RCP x 76' @ 0.25%
305	2X2 DI	71.30		67.02 (306)	15" PVC x 25' @ 0.25%

DRAINAGE STRUCTURE TABLE

STRUCTURE	TYPE	RIM ELEV.	INV. IN	INV. OUT	OUTFLOW PIPE
306	STORM MANHOLE	72.00	66.94 (305) 66.94 (304)	66.94 (307)	24" RCP x 55' @ 0.17%
307	FLARED END		66.84 (306)		
400	2X2 DI	73.78		71.67 (401)	15" SDP x 64' @ 1.00%
401	18" DI	73.75	71.00 (400)	71.00 (403)	18" SDP x 114' @ 0.50%
402	2X2 DI	71.32		68.50 (403)	15" SDP x 112' @ 0.25%
403	2X2 DI	72.50	68.21 (402) 70.41 (401)	68.21 (404)	18" SDP x 205' @ 0.50%
404	2X2 DI	72.00	67.16 (403)	65.87 (405)	24" SDP x 60' @ 0.25%
405	FLARED END		65.72 (404)		
500	2X2 DI	74.00		71.75 (502)	12" SDP x 59' @ 0.50%
501	2X2 DI	73.50		71.80 (502)	12" PVC x 71' @ 0.50%
502	2X2 DI	74.25	71.43 (501) 71.43 (500)	71.43 (503)	15" SDP x 100' @ 2.33%
503	2X2 DI	71.75	69.00 (502)	69.54 (504)	15" SDP x 213' @ 0.25%
504	FLARED END		69.00 (503)		
600	STORM MANHOLE	74.75		71.37 (601)	18" SDP x 65' @ 0.25%
601	STORM MANHOLE	74.75	71.20 (600)	71.15 (602)	18" SDP x 98' @ 0.25%
602	STORM MANHOLE	74.75	70.90 (601)	70.87 (603)	18" SDP x 44' @ 0.25%
603	2X2 DI	73.65	70.75 (602)	70.73 (604)	18" SDP x 113' @ 0.25%
604	2X2 DI	73.25	70.44 (603)	70.44 (607)	18" SDP x 74' @ 0.25%
606	18" DI	75.30		70.53 (607)	15" SDP x 89' @ 0.25%
607	18" DI	73.25	70.30 (606) 70.25 (604)	70.14 (608)	18" SDP x 132' @ 0.26%
608	FLARED END		69.80 (607)		

SANITARY SEWER STRUCTURE TABLE

STRUCTURE	RIM ELEV.	INV. IN	INV. OUT	OUTFLOW PIPE
SSMH-1	74.25	69.40	69.30	6" PVC x 23' @ 0.50%
SSMH-2	74.70	69.19	69.09	8" PVC x 164' @ 0.50%
SSMH-3	74.10	69.40	69.30	6" PVC x 25' @ 0.50%
SSMH-4	74.55	68.25	68.15	8" PVC x 199' @ 0.50%
SSMH-5	74.10	67.15	67.05	8" PVC x 268' @ 0.50%
SSMH-6	74.60	69.25	69.15	8" PVC x 398' @ 0.50%
SSMH-7	75.00	68.55	68.45	6" PVC x 7' @ 0.50%
SSMH-8	74.45	68.12	68.02	6" PVC x 12' @ 0.50%
SSMH-9	74.45	67.61	67.51	6" PVC x 11' @ 0.50%
SSMH-10	75.35	67.15	67.05	8" PVC x 203' @ 0.50%
SSMH-11	73.50	65.72	65.20	8" PVC x 7' @ 0.50%
SSMH-12	74.40	64.90	64.80	8" PVC x 212' @ 0.50%

Grace Design Studios

SCOTT M. NEL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F 08000078) &
08-403-24-01, F 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

STORM DRAINAGE & UTILITY INFO

SHEET NUMBER
C500

GROOM ROAD. - PUBLIC R/W VARIES (CONCRETE)

LA HIGHWAY 964 - PUBLIC R/W VARIES (ASPHALT)

CONNECT TO EXISTING POWER POLE

UTILITY POLE

RELOCATED OVERHEAD POWER LINES

SWALE

REQUIRED BORING UNDERNEATH HWY 964

PERIMETER FENCE. SEE ARCH. PLANS.

D.S. (TYP.)

NEW BULDING +87,275 SF (SEE ARCH. PLANS) FFE = 75.50'

NATURAL GAS LINE

SEE 1/C505 FOR PROFILE

SEE 2/C505 FOR PROFILE

MATCH LINE "A" - 1/C502

1 STORM DRAINAGE & UTILITY LAYOUT
Scale: 1" = 30'

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

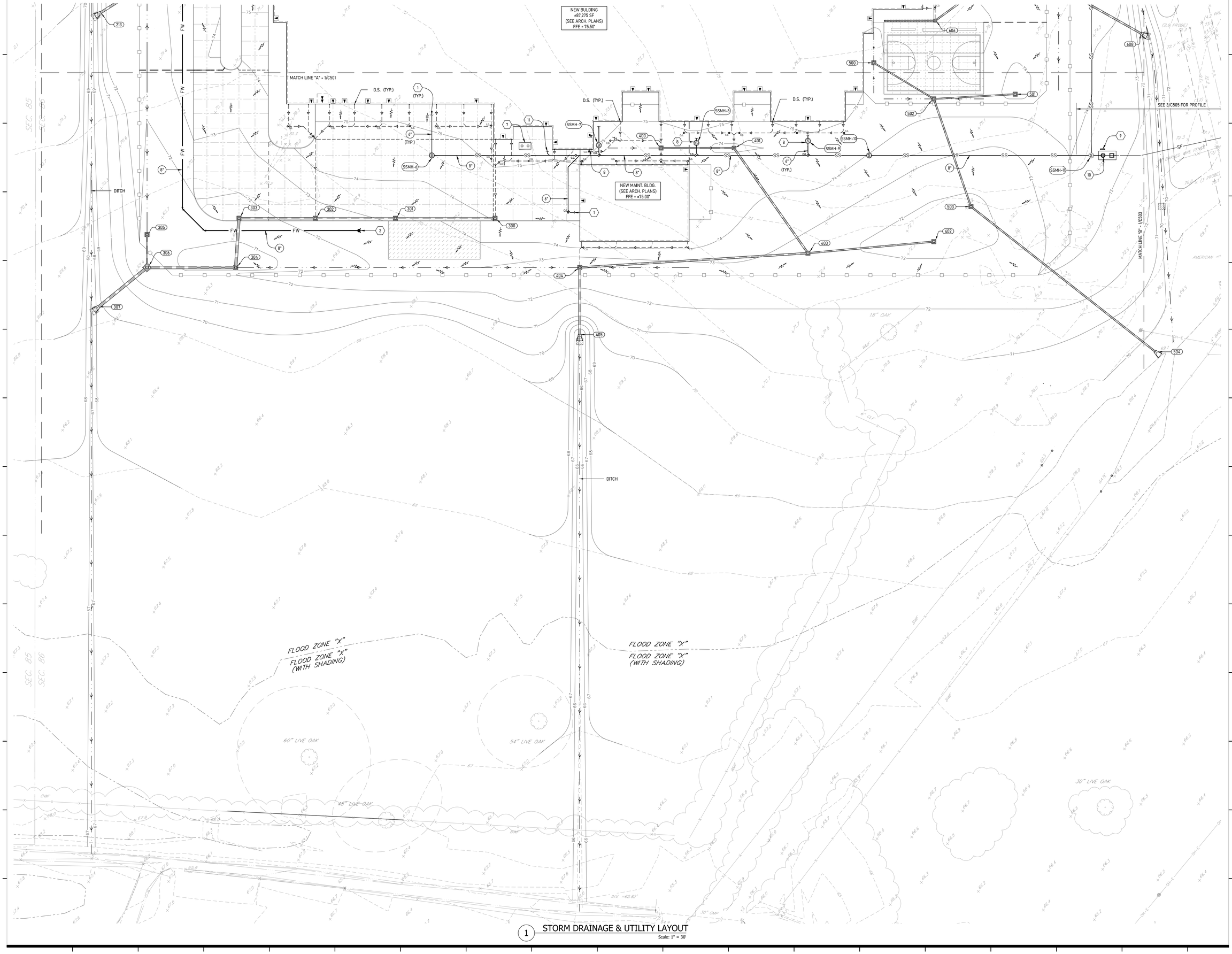
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

STORM DRAINAGE & UTILITY LAYOUT

SHEET NUMBER
C501



1 STORM DRAINAGE & UTILITY LAYOUT
Scale: 1" = 30'

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

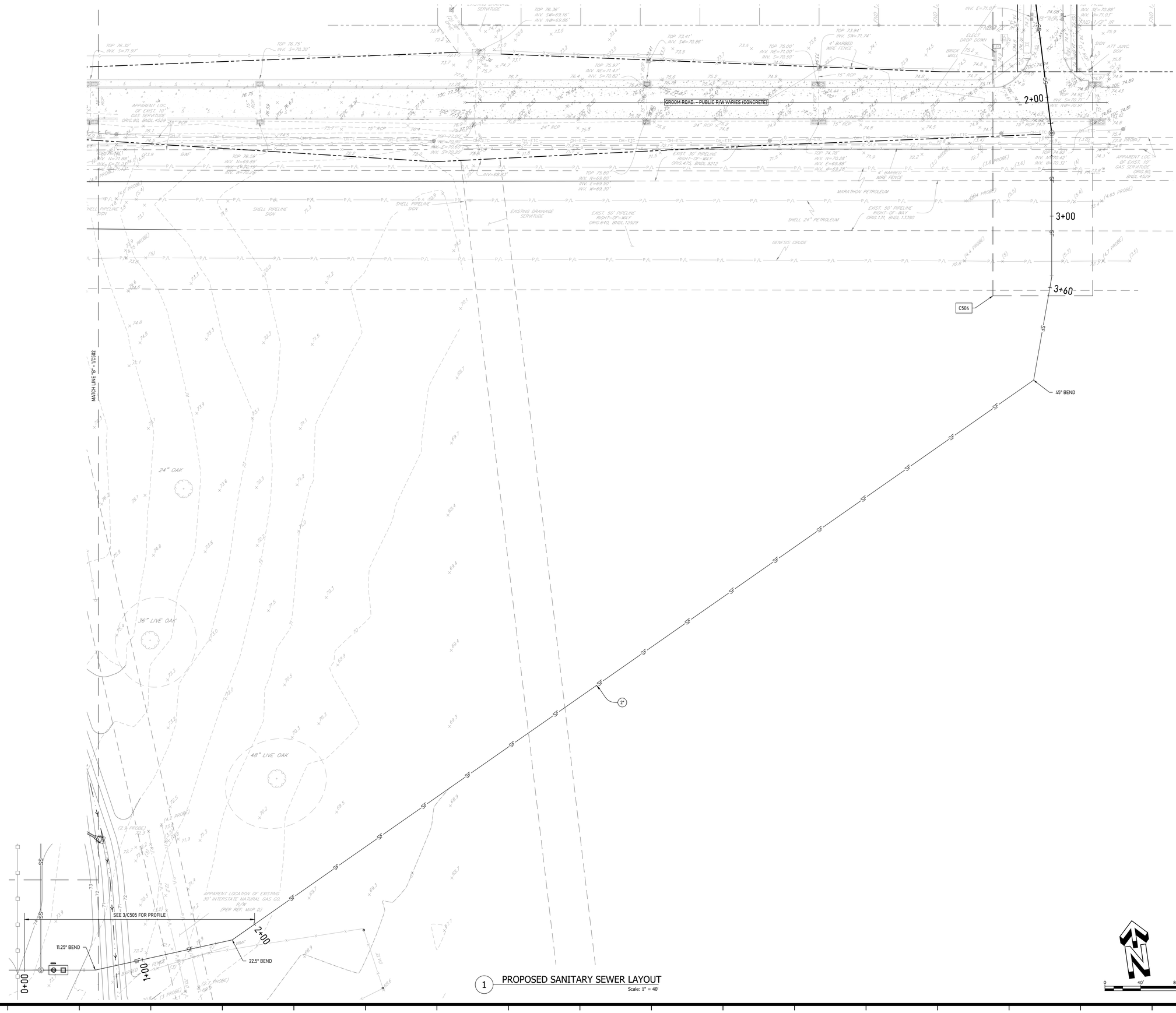
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

STORM DRAINAGE & UTILITY LAYOUT

SHEET NUMBER
C502



1 PROPOSED SANITARY SEWER LAYOUT
Scale: 1" = 40'

0 40' 80'

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SANITARY SEWER LAYOUT

SHEET NUMBER
C503

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. FEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com

© 2024 23575 C302025

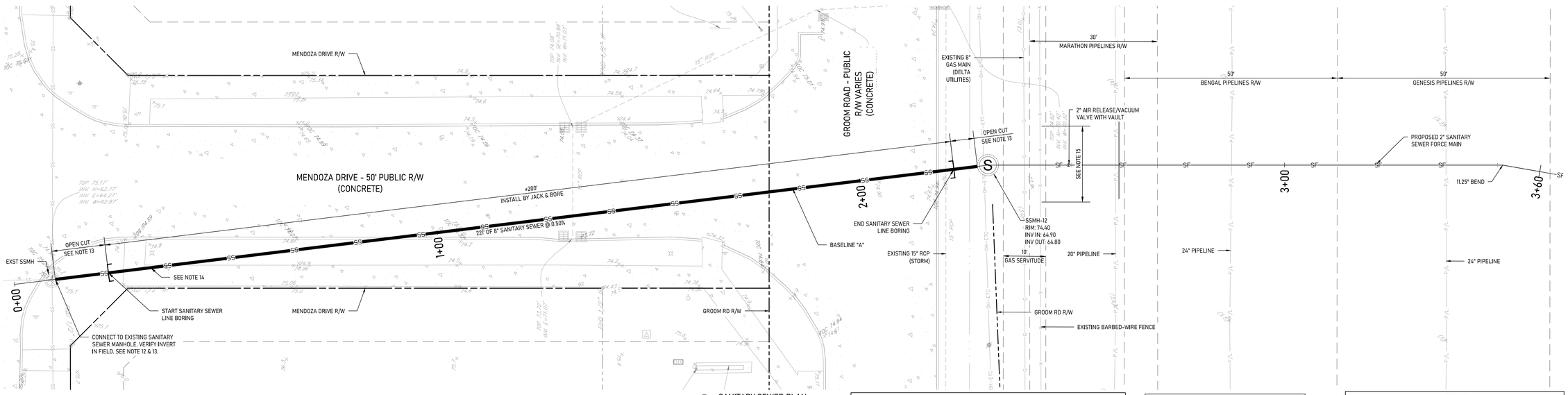
© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0115E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

UTILITY CROSSING PLAN & PROFILE NOTES:

1. UNDERGROUND UTILITY LOCATIONS SHOWN ARE ESTIMATED AND NOT SURVEYED. CONTRACTOR SHALL FIELD-VERIFY ACTUAL LOCATION PRIOR TO CONSTRUCTION AND EXERCISE CAUTION DURING ALL WORK.
2. ALL WORK WITHIN PIPELINE RIGHT-OF-WAY SHALL COMPLY WITH THE REQUIREMENTS OF THE RESPECTIVE PIPELINE OPERATORS.
3. A PIPELINE OPERATOR REPRESENTATIVE SHALL BE PRESENT DURING ALL EXCAVATION OR CONSTRUCTION ACTIVITIES.
4. NO WORK SHALL COMMENCE UNTIL WRITTEN APPROVAL IS RECEIVED BY EACH INDIVIDUAL PIPELINE COMPANY.
5. CONTRACTOR SHALL VERIFY EXACT DEPTH OF EXISTING PIPELINES AND ENSURE MINIMUM COVER REQUIREMENTS ARE MET. CONTRACTOR SHALL CONTACT THE ENGINEER-OF-RECORD IF ANY DISCREPANCIES ARE FOUND IN THE FIELD, OR ANY CONDITION THAT WOULD COMPROMISE COVER REQUIREMENTS.
6. NO TRUCKS OR HEAVY EQUIPMENT SHALL CROSS ANY PIPELINE ROW WITHOUT PRIOR APPROVAL FROM THE PIPELINE OPERATOR.
7. TEMPORARY CROSSINGS, MATTING, ADDITIONAL COVER, OR BRIDGING MAY BE REQUIRED BY THE PIPELINE OPERATOR. ALL TEMPORARY CROSSINGS SHALL BE APPROVED BY THE PIPELINE OPERATOR.
8. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO APPROVED VEHICLE TYPES AND LOADINGS AS DETERMINED BY THE PIPELINE OPERATOR. CONFIRM REQUIREMENTS PRIOR TO CONSTRUCTION.
9. ALL UTILITIES SHALL CROSS PIPELINES AT AN ANGLE AS CLOSE TO 90 DEGREES AS POSSIBLE AND NOT LESS THAN 45 DEGREES.
10. MINIMUM VERTICAL SEPARATION OF 24 INCHES SHALL BE MAINTAINED BETWEEN PIPELINES AND OTHER UNDERGROUND UTILITIES UNLESS OTHERWISE APPROVED.
11. ALL UTILITIES SHALL CROSS BENEATH EXISTING PIPELINES UNLESS OTHERWISE APPROVED.
12. CORE DRILL MANHOLE AS REQ'D AND CONNECT PER EBRP STD DRAWING 804-01. PROVIDE RESILIENT CONNECTOR IN ACCORDANCE WITH SPECIFICATION SECTION 803.
13. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRENCHING PROTECTION, SHORING, SHIELDING, ETC. AS REQ'D FOR SANITARY SEWER PIPE INSTALLATION.
14. REMOVE & REPLACE EXISTING SIDEWALK IF NECESSARY TO PROVIDE RECEIVING PIT FOR BORED SEWER LINE.
15. REMOVE & REPLACE PORTION OF EXISTING BARBED-WIRE FENCE AS NEEDED FOR SEWER INSTALLATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH LOWERING, ENCASING, SUPPORTING, OR OTHERWISE ADJUSTING EXISTING PIPELINES DUE TO CONSTRUCTION ACTIVITIES AS REQUIRED BY THE PIPELINE OPERATOR.
17. THE PIPELINE OPERATOR REPRESENTATIVE PRESENT ON SITE SHALL HAVE THE AUTHORITY TO REJECT THE USE OF ANY EXCAVATION EQUIPMENT DEEMED UNSUITABLE FOR SAFE EXCAVATION.
18. WARNING TAPE SHALL BE INSTALLED ONE (1) FOOT ABOVE THE PROPOSED CROSSING UTILITY THROUGHOUT THE WIDTH OF EACH PIPELINE RIGHT-OF-WAY AND EXTENDED A MINIMUM OF TWENTY-FIVE (25) FEET ON EACH SIDE OF THE RIGHT-OF-WAY.
19. PIPELINE MARKERS OR IDENTIFICATION SIGNS SHALL BE INSTALLED AT UTILITY CROSSINGS ONLY WHERE REQUIRED BY THE PIPELINE OPERATOR, LOCATION AND TYPE SHALL BE IN ACCORDANCE WITH THE PIPELINE OPERATOR'S REQUIREMENTS.
20. ALL UTILITY CROSSINGS OF EXISTING PIPELINES SHALL BE INSTALLED WITHIN STEEL CASING PIPE EXTENDING THE FULL WIDTH OF THE PIPELINE RIGHT-OF-WAY, IN ACCORDANCE WITH THE REQUIREMENTS OF THE PIPELINE OPERATOR. CASING PIPE SHALL HAVE THREADED OR WELDED JOINTS.



1 SANITARY SEWER PLAN
Scale: 1" = 10'

REFERENCE STANDARDS

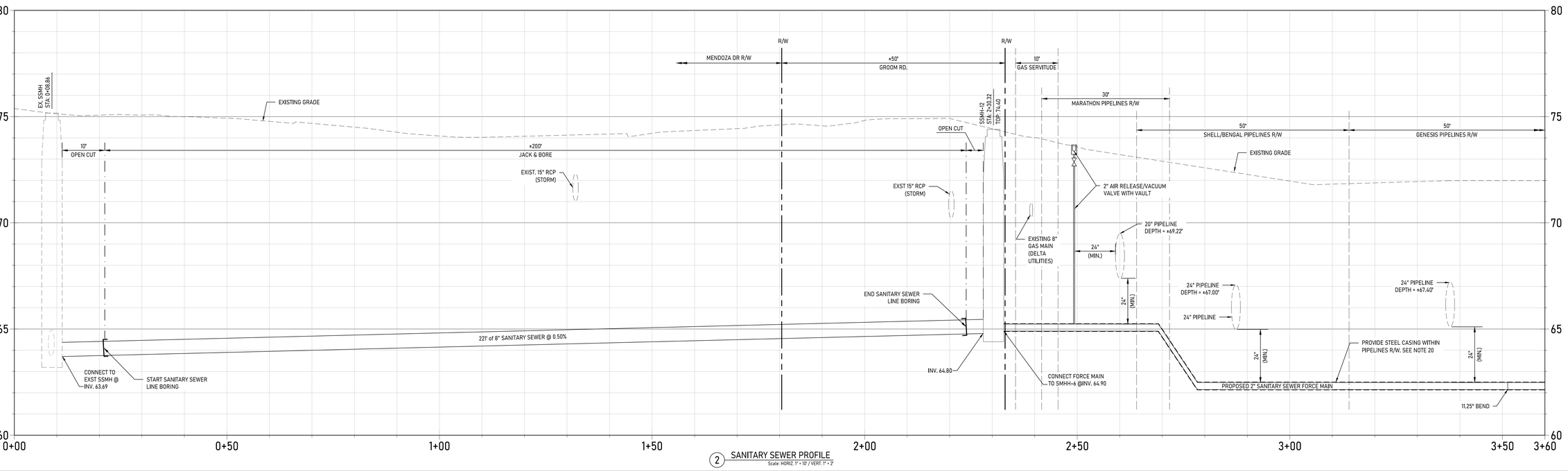
CONSTRUCTION OF SANITARY SEWER SYSTEM WITHIN THE GROOM RD & MENDOZA DRIVE R/W SHALL BE IN ACCORDANCE WITH THE FOLLOWING EBRP STANDARD DRAWINGS & SPECIFICATIONS:
STD PLAN 801-01 - BEDDING & BACKFILL DETAILS FOR SANITARY SEWER PIPE, FOR MAINS & SERVICE LINES
STD PLAN 803-01 - SANITARY SEWER MANHOLE DETAILS
STD PLAN 804-01 - FORCE MAIN DETAILS
SECTION 801: EXCAVATION, BACKFILLING AND COMPACTION FOR SANITARY SEWERS
SECTION 802: GRAVITY SEWER PIPE
SECTION 803: SEWER MANHOLES
SECTION 817: JACKED AND BORED PIPE/CASING

PIPELINE COMPANY CONTACTS

COMPANY	CONTACT
MARATHON PIPELNES	EDWIN WUIEVE (575-200-4881) ejwuieve@marathonpetroleum.com
GENESIS PIPELINES	ROBERT FINDLEY (281-793-6656) robert.findley@genlp.com
SHELL/BENGAL PIPELINES	DAMIAN CAMBRE (504-465-6878) damian.cambre@shell.com

LEGEND

EXISTING SANITARY SEWER LINE	SS
SANITARY SEWER LINE	SS
SEWER FORCE MAIN	SF
SANITARY SEWER MANHOLE	S
EXISTING SANITARY SEWER MANHOLE	S



2 SANITARY SEWER PROFILE
Scale: HORIZ. 1" = 10' / VERT. 1" = 2'

Grace Design Studios

SCOTT M. FOX
License No. 37716
PROFESSIONAL ENGINEER
03-30-2026

FOX::NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C3020125

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

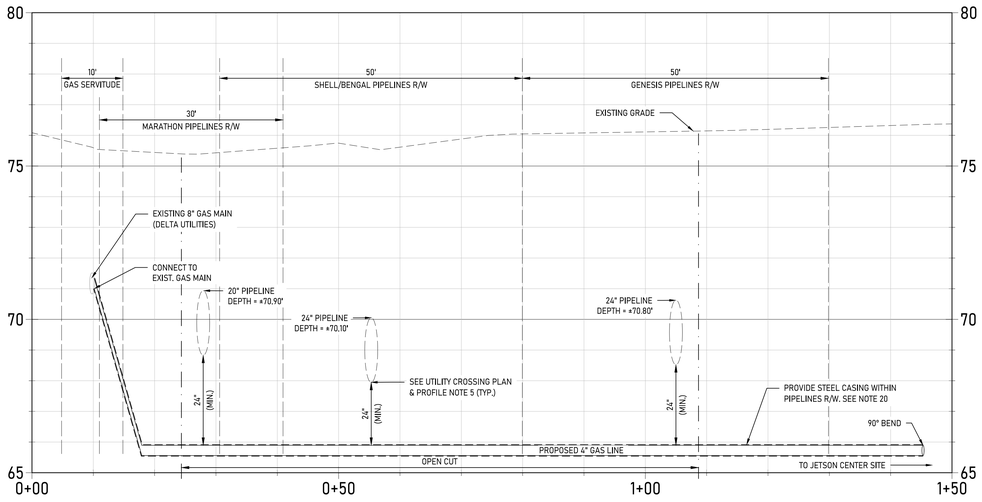
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

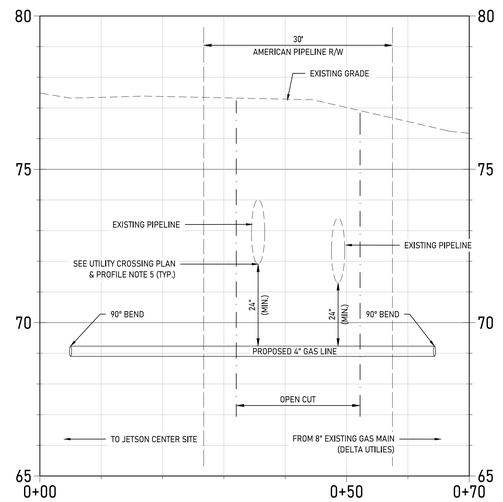
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLAN & PROFILE

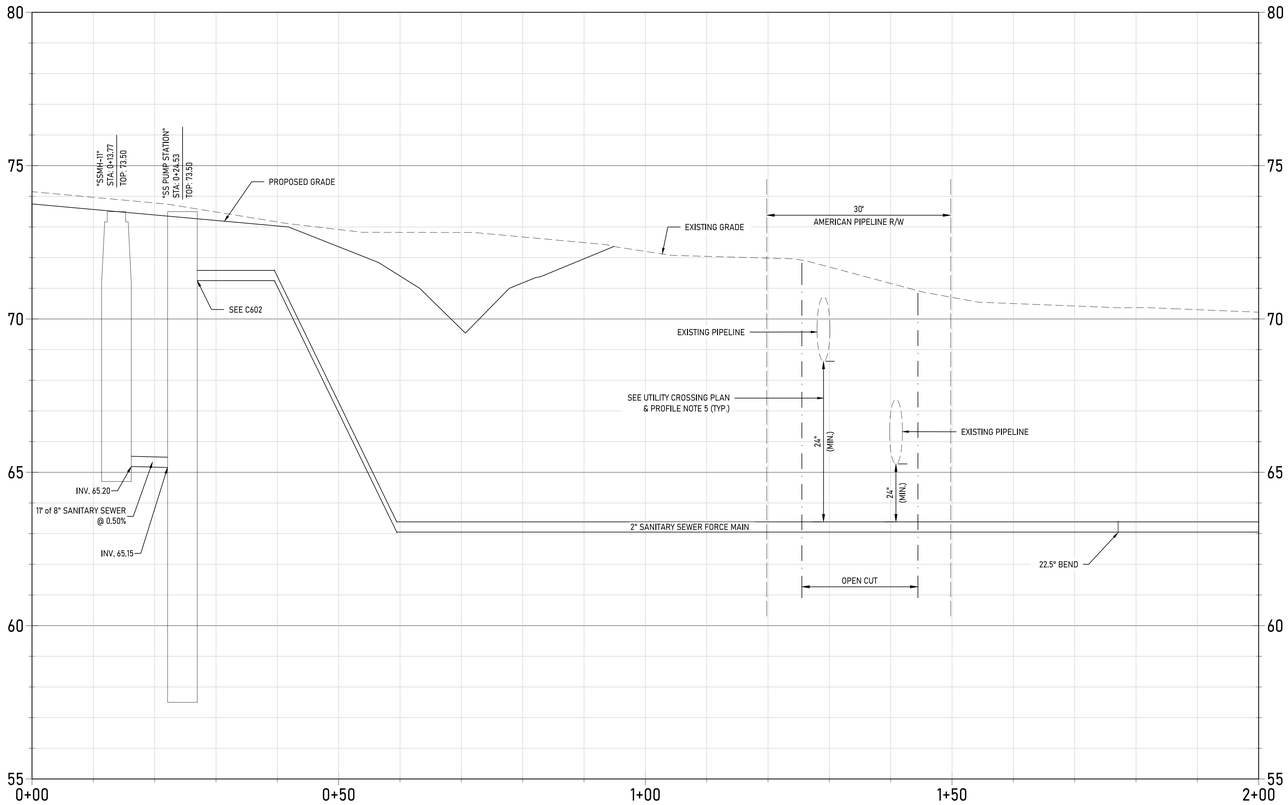
SHEET NUMBER
C504



1 GAS LINE CROSSING PROFILE
Scale: HORIZ. 1" = 10' / VERT. 1" = 2'



2 GAS LINE CROSSING PROFILE
Scale: HORIZ. 1" = 10' / VERT. 1" = 2'



3 SANITARY SEWER FORCE MAIN CROSSING PROFILE
Scale: HORIZ. 1" = 10' / VERT. 1" = 2'

GENERAL NOTES:

1. INFORMATION DEPICTING THE EXISTING CONDITIONS HEREON WAS TAKEN FROM "MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY OF AN UNNAMED TRACT, LOCATED IN SECTIONS 85 & 86, T-5-S, R-1-W, GREENSBURG LAND DISTRICT, EAST BATON ROUGE PARISH, LOUISIANA FOR GRACE HEBERT CURTIC ARCHITECTS, LLC " BY LANDSOURCE, INC. FOX-NESBIT ENGINEERING, LLC HAS NOT FIELD-VERIFIED THE ITEMS IDENTIFIED ON THIS SURVEY.
2. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NO. 22033C0155E REVISED MAY 2, 2008, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". FLOOD ZONE INFORMATION SHALL BE CONFIRMED WITH DEPARTMENT OF DEVELOPMENT.
3. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION TO HAVE THEIR UTILITIES LOCATED IN THE FIELD. CONTRACTOR SHALL MAKE REQUEST THROUGH LOUISIANA ONE CALL (811).

UTILITY CROSSING PLAN & PROFILE NOTES:

1. UNDERGROUND UTILITY LOCATIONS SHOWN ARE ESTIMATED AND NOT SURVEYED. CONTRACTOR SHALL FIELD-VERIFY ACTUAL LOCATION PRIOR TO CONSTRUCTION AND EXERCISE CAUTION DURING ALL WORK.
2. ALL WORK WITHIN PIPELINE RIGHT-OF-WAY SHALL COMPLY WITH THE REQUIREMENTS OF THE RESPECTIVE PIPELINE OPERATORS.
3. A PIPELINE OPERATOR REPRESENTATIVE SHALL BE PRESENT DURING ALL EXCAVATION OR CONSTRUCTION ACTIVITIES.
4. NO WORK SHALL COMMENCE UNTIL WRITTEN APPROVAL IS RECEIVED BY EACH INDIVIDUAL PIPELINE COMPANY.
5. CONTRACTOR SHALL VERIFY EXACT DEPTH OF EXISTING PIPELINES AND ENSURE MINIMUM COVER REQUIREMENTS ARE MET. CONTRACTOR SHALL CONTACT THE ENGINEER-OF-RECORD IF ANY DISCREPANCIES ARE FOUND IN THE FIELD, OR ANY CONDITION THAT WOULD COMPROMISE COVER REQUIREMENTS.
6. NO TRUCKS OR HEAVY EQUIPMENT SHALL CROSS ANY PIPELINE ROW WITHOUT PRIOR APPROVAL FROM THE PIPELINE OPERATOR.
7. TEMPORARY CROSSINGS, MATTING, ADDITIONAL COVER, OR BRIDGING MAY BE REQUIRED BY THE PIPELINE OPERATOR. ALL TEMPORARY CROSSINGS SHALL BE APPROVED BY THE PIPELINE OPERATOR.
8. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO APPROVED VEHICLE TYPES AND LOADINGS AS DETERMINED BY THE PIPELINE OPERATOR. CONFIRM REQUIREMENTS PRIOR TO CONSTRUCTION.
9. ALL UTILITIES SHALL CROSS PIPELINES AT AN ANGLE AS CLOSE TO 90 DEGREES AS POSSIBLE AND NOT LESS THAN 45 DEGREES.
10. MINIMUM VERTICAL SEPARATION OF 24 INCHES SHALL BE MAINTAINED BETWEEN PIPELINES AND OTHER UNDERGROUND UTILITIES UNLESS OTHERWISE APPROVED.
11. ALL UTILITIES SHALL CROSS BENEATH EXISTING PIPELINES UNLESS OTHERWISE APPROVED.
12. CORE DRILL MANHOLE AS REQ'D AND CONNECT PER EBRP STD DRAWING 804-01. PROVIDE RESILIENT CONNECTOR IN ACCORDANCE WITH SPECIFICATION SECTION 803.
13. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRENCHING PROTECTION, SHORING, SHIELDING, ETC. AS REQ'D FOR SANITARY SEWER PIPE INSTALLATION.
14. REMOVE & REPLACE EXISTING SIDEWALK IF NECESSARY TO PROVIDE RECEIVING PIT FOR BORED SEWER LINE.
15. REMOVE & REPLACE PORTION OF EXISTING BARBED-WIRE FENCE AS NEEDED FOR SEWER INSTALLATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH LOWERING, ENCASING, SUPPORTING, OR OTHERWISE ADJUSTING EXISTING PIPELINES DUE TO CONSTRUCTION ACTIVITIES AS REQUIRED BY THE PIPELINE OPERATOR.
17. THE PIPELINE OPERATOR REPRESENTATIVE PRESENT ON SITE SHALL HAVE THE AUTHORITY TO REJECT THE USE OF ANY EXCAVATION EQUIPMENT DEEMED UNSUITABLE FOR SAFE EXCAVATION.
18. WARNING TAPE SHALL BE INSTALLED ONE (1) FOOT ABOVE THE PROPOSED CROSSING UTILITY THROUGHOUT THE WIDTH OF EACH PIPELINE RIGHT-OF-WAY AND EXTENDED A MINIMUM OF TWENTY-FIVE (25) FEET ON EACH SIDE OF THE RIGHT-OF-WAY.
19. PIPELINE MARKERS OR IDENTIFICATION SIGNS SHALL BE INSTALLED AT UTILITY CROSSINGS ONLY WHERE REQUIRED BY THE PIPELINE OPERATOR. LOCATION AND TYPE SHALL BE IN ACCORDANCE WITH THE PIPELINE OPERATOR'S REQUIREMENTS.
20. ALL UTILITY CROSSINGS OF EXISTING PIPELINES SHALL BE INSTALLED WITHIN STEEL CASING PIPE EXTENDING THE FULL WIDTH OF THE PIPELINE RIGHT-OF-WAY, IN ACCORDANCE WITH THE REQUIREMENTS OF THE PIPELINE OPERATOR. CASING PIPE SHALL HAVE THREADED OR WELDED JOINTS.

LEGEND	
PROPOSED CONTOUR	75
EXISTING CONTOUR	--75--
EXISTING OVERHEAD POWER LINE	OH-E
EXISTING UNDERGROUND PIPELINE	P/L
GAS LINE	G
EXISTING GAS LINE	G

PIPELINE COMPANY CONTACTS	
COMPANY	CONTACT
MARATHON PIPELNES	EDWIN WUIEVE (575-200-4881) ejwuieve@marathonpetroleum.com
GENESIS PIPELINES	ROBERT FINDLEY (281-793-6656) robert.findley@genlp.com
SHELL/BENGAL PIPELINES	DAMIAN CAMBRE (504-465-6878) damian.cambre@shell.com

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. NEIL
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLAN & PROFILE

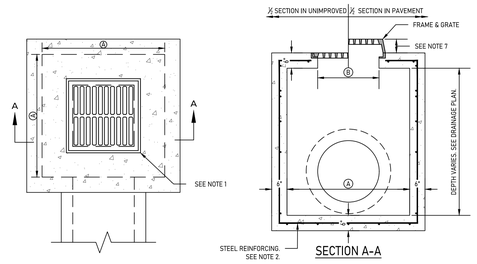
SHEET NUMBER
C505

PRECAST DRAINAGE STRUCTURE NOTES:
1. DRAINAGE STRUCTURE LIDS SHALL CONSIST OF THE FOLLOWING:
 1.1. DROP INLETS: SLOTTED OPENINGS WITH AT LEAST 50% OPEN AREA.
 1.2. MANHOLES: ROUND, SOLID, WITH "DRAIN" OR SIMILAR LETTERING.
2. STEEL REINFORCING SHALL CONSIST OF THE FOLLOWING:
 2.1. WALLS: #5 BARS @ 12" O.C. (VERTICAL).
  #3 BARS @ 12" O.C. (HORIZONTAL)
 2.2. TOP & BOTTOM: #5 BARS @ 12 O.C. EACH WAY
3. ALL REINFORCING STEEL SHALL BE DEFORMED GRADE 60 (MINIMUM) REBAR.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000PSI @ 28 DAYS (MINIMUM).
5. PIPE OPENINGS SHALL BE O.D. OF PIPE + 4"+6".
6. ALL PIPE ENDS SHALL BE SET FLUSH WITH INTERIOR WALL FACE. PIPE ANNULAR SPACE IS TO BE GROUTED WITH NON-SHRINK GROUT AFTER INSTALLATION. GROUT INTERIOR BOTTOM OF STRUCTURE TO MATCH PIPE INVERTS.
7. HEIGHT OF SEATED FRAME SHALL MATCH THICKNESS OF OVERLYING PAVEMENT. REFER TO PAVING LAYOUT.

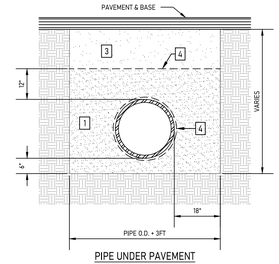
DIMENSION KEY

(A) AS REQ'D TO ACCOMMODATE FRAME & CONNECTING PIPES

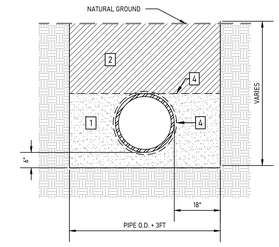
(B) 2'-0" FOR 2x2 DI
1'-6" FOR 18" DI
2'-0" (ROUND) FOR STORM MANHOLE



1 PRECAST DRAINAGE STRUCTURE
NOT TO SCALE



PIPE UNDER PAVEMENT

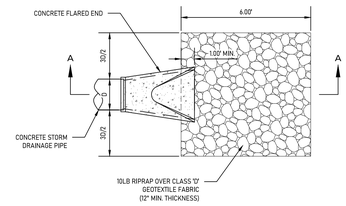


PIPE UNDER GRASS

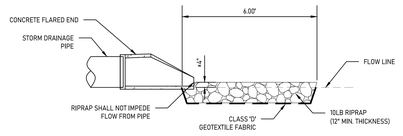
DRAINAGE BEDDING LEGEND

1. BEDDING MATERIAL COMPACTED TO 95% OF STANDARD PROCTOR DENSITY
2. BACKFILL MATERIAL COMPACTED TO MATCH OR EXCEED DENSITY OF SURROUNDING UNDISTURBED SOIL
3. SELECT FILL COMPACTED TO 95% OF STANDARD PROCTOR DENSITY
4. CLASS 'D' GEOTEXTILE FABRIC AT ALL JOINTS (24" MIN.) AND BETWEEN BEDDING & BACKFILL MATERIAL

2 DRAINAGE PIPE BEDDING DETAILS
NOT TO SCALE

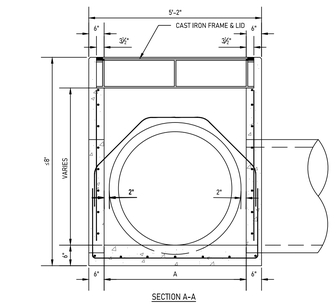


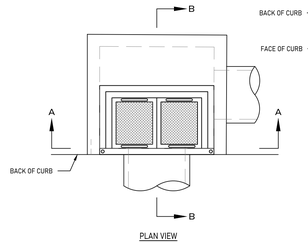
SECTION A-A



SECTION A-A

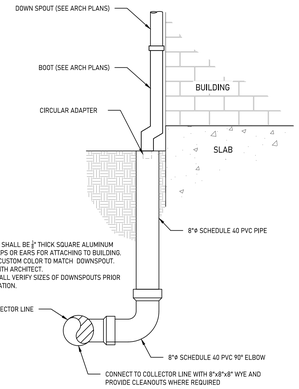
3 FLARED END WITH RIPRAP PAD
NOT TO SCALE





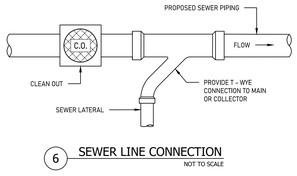
PIPE SIZE	DIMENSION	
ROUND PIPE	A	B
12"	4'-0"	2'-3"
15"	4'-0"	2'-3"
18"	4'-0"	2'-3"
24"	4'-0"	2'-10"
36"	4'-0"	4'-0"

4 CONCRETE CURB INLET
NOT TO SCALE

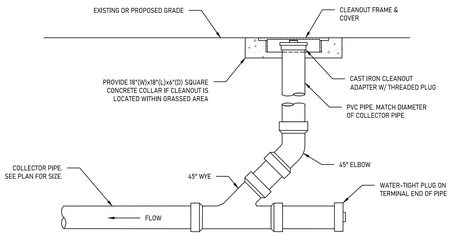


NOTES:
1. ALUMINUM BOOT SHALL BE ¼" THICK SQUARE ALUMINUM TUBE, WITH STRAPS OR EARS FOR ATTACHING TO BUILDING.
2. BOOT SHALL BE CUSTOM COLOR TO MATCH DOWNSPOUT. VERIFY COLOR WITH ARCHITECT.
3. CONTRACTOR SHALL VERIFY SIZES OF DOWNSPOUTS PRIOR TO BOOT FABRICATION.

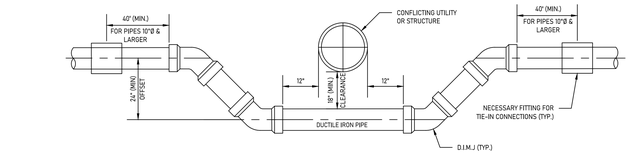
5 DOWNSPOUT CONNECTION DETAIL
NOT TO SCALE



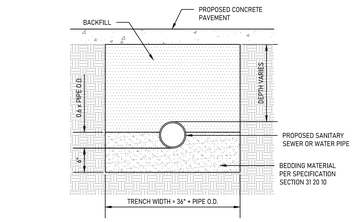
6 SEWER LINE CONNECTION
NOT TO SCALE



7 CLEANOUT DETAIL
NOT TO SCALE



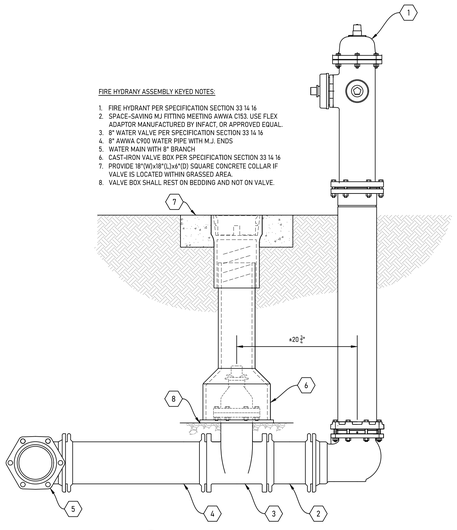
8 UTILITY OFFSETS @ GRAVITY PIPE CONFLICTS
NOT TO SCALE



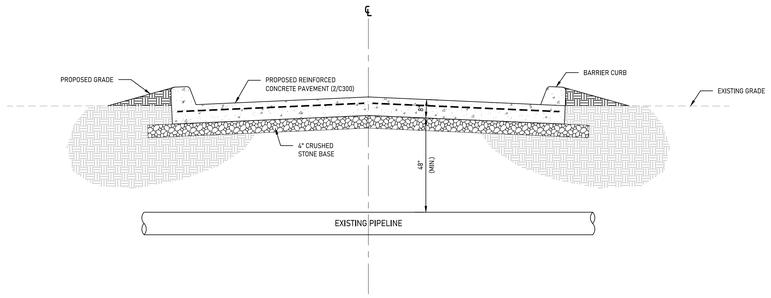
9 UTILITY PIPE BEDDING DETAILS
NOT TO SCALE

FIRE HYDRANT ASSEMBLY KEYED NOTES:

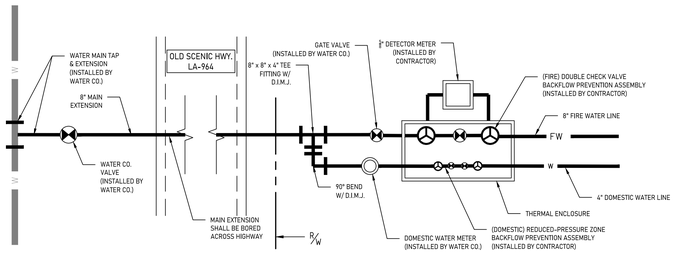
1. FIRE HYDRANT PER SPECIFICATION SECTION 33 14 16
2. SPACE-SAVING MJ FITTING MEETING AWWA C153. USE FLEX ADAPTOR MANUFACTURED BY INFACT, OR APPROVED EQUAL.
3. 8" WATER VALVE PER SPECIFICATION SECTION 33 14 16
4. 8" AWWA C900 WATER PIPE WITH M.J. ENDS
5. WATER MAIN WITH 8" BRANCH
6. CAST-IRON VALVE BOX PER SPECIFICATION SECTION 33 14 16
7. PROVIDE 18"(W)x18"(L)x4"(D) SQUARE CONCRETE COLLAR IF VALVE IS LOCATED WITHIN GRASSED AREA.
8. VALVE BOX SHALL REST ON BEDDING AND NOT ON VALVE.



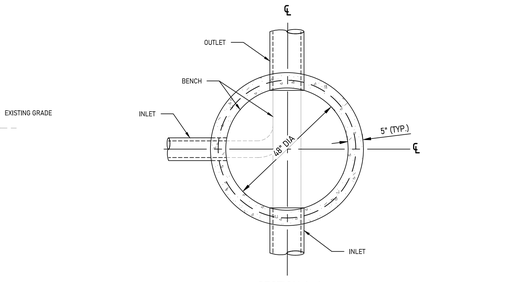
10 FIRE HYDRANT ASSEMBLY
NOT TO SCALE

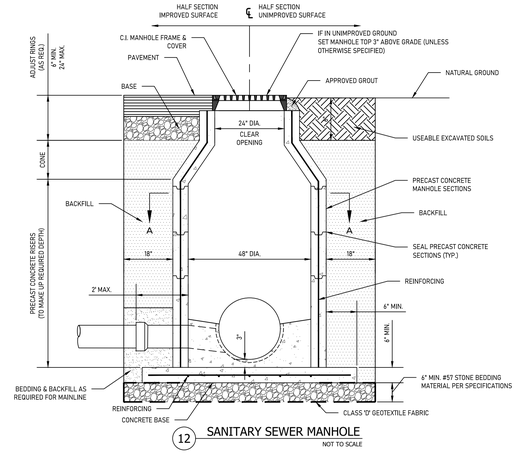


11 TYPICAL DRIVEWAY CROSSING PIPELINE SECTION
NOT TO SCALE



13 WATER CONNECTION DETAIL
NOT TO SCALE





12 SANITARY SEWER MANHOLE
NOT TO SCALE

Grace Design Studios

SCOTT M. WEIL
License No. 37716
PROFESSIONAL ENGINEER
03-30-2026

FOX NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
2024 23575 C3020125

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

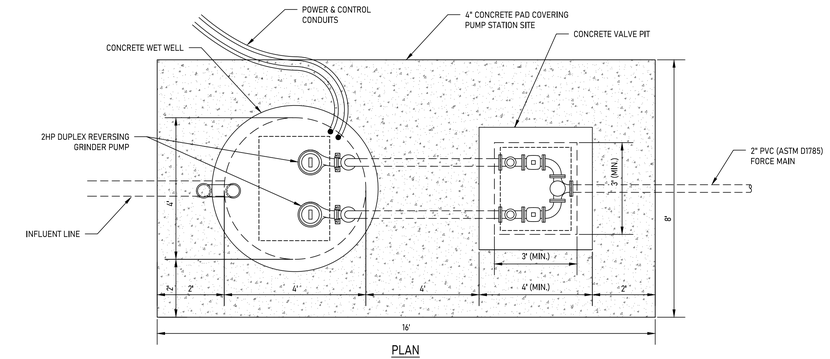
PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

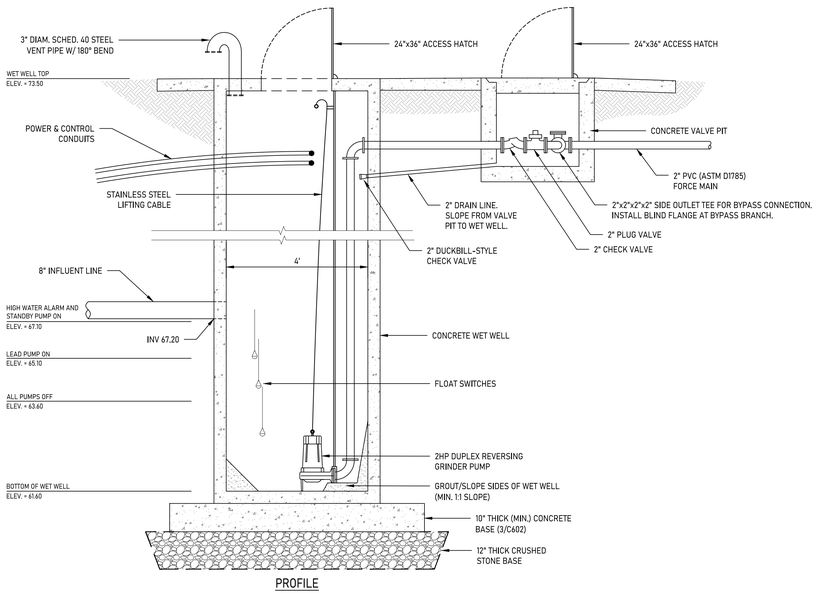
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CIVIL DETAILS

SHEET NUMBER
C601

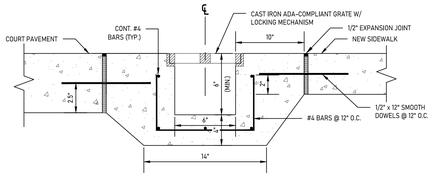


PLAN

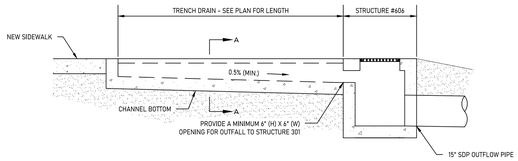


PROFILE

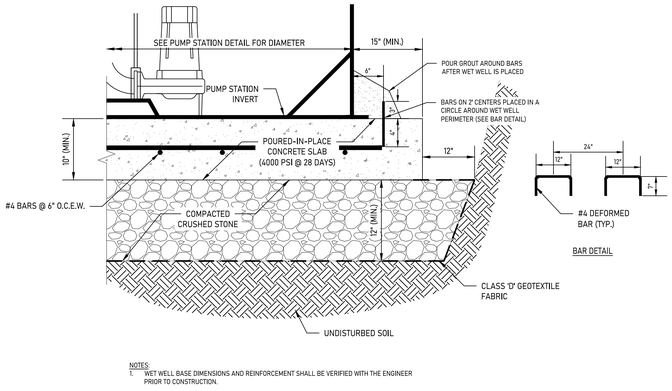
2 PROPOSED SEWER PUMP STATION
NOT TO SCALE



SECTION A-A

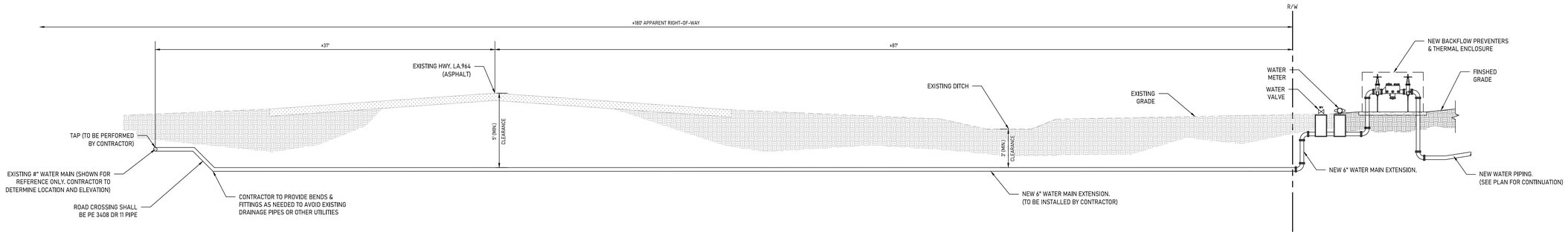


4 TRENCH DRAIN
NOT TO SCALE



NOTES:
1. WET WELL BASE DIMENSIONS AND REINFORCEMENT SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION.

3 BASE DETAIL FOR SEWER PUMP STATION
NOT TO SCALE



1 WATER LINE CROSSING SECTION
NOT TO SCALE

Grace Design Studios

STATE OF LOUISIANA
SCOTT M. VEH
License No. 37716
PROFESSIONAL ENGINEER
ENGINEER
03-30-2026

FOX NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com
© 2026 23575 C302025

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CIVIL DETAILS

SHEET NUMBER
C602

2021 IECC ENVELOPE INSULATION

TABLE C402.1.3 (R-VALUE METHOD)	
CLIMATE ZONE	R301.1 | 2A
ROOFS	
INSULATION ENTIRELY ABOVE ROOF DECK	R-25ci
WALLS, ABOVE GRADE	
MASS	R-5.7ci
WOOD FRAMED AND OTHER	R-13 + R-3.8ci or R-20
SLAB - ON - GRADE FLOORS	
UNHEATED SLABS	NO REQUIREMENT

MAX TRAVEL DISTANCE

EGRESS PATH	EGRESS LENGTH
MTD #1	105'-10 7/32"
MTD #2	106'-10 1/2"
MTD #3	103'-10 3/8"
MTD #4	109'-4 3/4"
MTD #5	86'-8 13/32"
MTD #6	112'-4 1/32"
MTD #7	69'-11 11/16"
MTD #8	52'-0 21/32"
MTD #9	122'-6 5/8"
MTD #10	69'-10 15/32"
MTD #11	71'-11 5/32"
MTD #12	56'-8 11/32"
MTD #13	72'-4 15/32"
MTD #14	57'-2 21/32"
MTD #15	57'-1 7/32"
MTD #16	72'-4 23/32"
MTD #17	72'-5 15/32"
MTD #18	57'-2 7/8"
MTD #19	57'-1 7/32"
MTD #20	72'-4 25/32"
MTD #21	57'-0 3/8"
MTD #22	72'-6 15/32"
MTD #23	72'-3 27/32"
MTD #24	57'-0 9/16"
MTD #25	57'-2 27/32"
MTD #26	72'-9 1/8"
MTD #27	72'-2 17/32"
MTD #28	56'-8 31/32"
MTD #29	82'-7 7/8"

PLUMBING FIXTURE CALCULATION

BASED ON 2021 IBC, CHAPTER 29 TABLE 2902.1, LOUISIANA AMMENDMENTS

FIRST FLOOR (TOTAL OCCUPANTS = 518)

NO. OF OCCUPANTS: 85					GROUP: B BUSINESS							
OCCUPANTS	WC'S REQUIRED		WC'S PROVIDED		LAV'S REQUIRED		LAV'S PROVIDED		DRINKING FOUNTAIN REQUIRED	DRINKING FOUNTAIN PROVIDED	SERVICE SINK REQUIRED	SERVICE SINK PROVIDED
	M 1:25≤50 1:50 >50	F 1:25≤50 1:50 >50			M 1:40≤80 1:80 >80	F 1:40≤80 1:80 >80						
									1:500		1	
42.5 M / 42.5 F	2	2	4.5	4.5	2	2	3.5	3.5	1	2	1	1

NO. OF OCCUPANTS: 163					GROUP: I INSTITUTIONAL (DETENTION CENTER CATEGORY PER LOUISIANA AMMENDMENTS)							
OCCUPANTS	WC'S REQUIRED		WC'S PROVIDED		LAV'S REQUIRED		LAV'S PROVIDED		DRINKING FOUNTAIN REQUIRED	DRINKING FOUNTAIN PROVIDED	SERVICE SINK REQUIRED	SERVICE SINK PROVIDED
	M 1:15	F 1:15			M 1:15	M 1:15						
									N.A.		1	
81.5 M / 81.5 F	6	6	8	8	2	2	3.5	3.5			1	2

NO. OF OCCUPANTS: 270					GROUP: I INSTITUTIONAL (SLEEPING/DAY ROOM PODS PER LOUISIANA AMMENDMENTS)							
OCCUPANTS	WC'S REQUIRED		WC'S PROVIDED		LAV'S REQUIRED		LAV'S PROVIDED		DRINKING FOUNTAIN REQUIRED	DRINKING FOUNTAIN PROVIDED	SERVICE SINK REQUIRED	SERVICE SINK PROVIDED
	M 1 PER CELL	F 1 PER CELL			M 1:15	M 1:15						
									1:100		1	
135 M / 135 F	20 (20 CELLS)	20 (20 CELLS)	22.5	22.5	20 (20 CELLS)	20 (20 CELLS)	22.5	22.5	2	5	1	5

OCCUPANCY LEGEND

- INSTITUTIONAL I-3
- BUSINESS AREA
- ACCESSORY AREAS, STORAGE, MECHANICAL EQUIPMENT ROOM, CIRCULATION

LIFE SAFETY GENERAL NOTES

1. REFER TO A100 SERIES SHEETS FOR RATED AND NON-RATED PARTITION TYPES
2. REFER T0 THE MECHANICAL DRAWINGS FOR FIRE DAMPER AND/OR FIRE/ SMOKE DAMPER LOCATIONS
3. REFER TO THE ELECTRICAL DRAWINGS FOR EMERGENCY ILLUMINATION AND ALL FIRE ALARM DEVICES
4. ALL DOOR HARDWARE SHALL MEET OR EXCEED ALL APPLICABLE CODES
5. PROVIDE FIRE EXTINGUISHERS AS SHOWN ON PLANS AND/ OR AS DIRECTED BY THE FIRE MARSHAL'S OFFICE
6. REFER TO G003 AND G004 FOR PARTITION TYPES AND RATED WALL DETAILS.

LIFE SAFETY LEGEND

- 1 HOUR FIRE PARTITION
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION
- 1 HOUR RATED FIRE/SMOKE BARRIER
- 2 HOUR RATED FIRE/SMOKE BARRIER

EXIT
XXX — NUMBER OF OCC EXITING
XXX — EXIT MAX CAPACITY
XXX — EXIT WIDTH (INCHES)

FEC — FIRE EXTINGUISHER CABINET

CPT PATH # — CPT # — COMMON PATH OF TRAVEL (CPT)

MTD PATH # — MTD # — MAX TRAVEL DISTANCE (MTD)

GDD PATH # — GDD # — GREATEST DIAGONAL DISTANCE (GDD)

ESD PATH # — ESD # — EXIT SEPARATION DISTANCE (ESD)

LIFE SAFETY SUMMARY

AUTHORITY HAVING JURISDICTION	**STATE OF LOUISIANA, FIRE MARSHAL'S OFFICE**	
APPLICABLE BUILDING CODES		
BUILDING CODE	**2021 INTERNATIONAL BUILDING CODE**	
FIRE / LIFE SAFETY CODE	**2015 NFPA LIFE SAFETY CODE**	
PLUMBING CODE	**2021 INTERNATIONAL PLUMBING CODE W/LOUISIANA AMENDMENTS**	
MECHANICAL CODE	**2021 INTERNATIONAL MECHANICAL CODE**	
ELECTRICAL CODE	**2020 NATIONAL ELECTRICAL CODE (NFPA 70)**	
ENERGY CODE	**2021 INTERNATIONAL ENERGY CONSERVATION CODE**	
ACCESSIBILITY CODE	**ADA / ABA 2010 EDITION**	
FIRE SUPPRESSION	**AUTOMATIC FIRE SUPPRESSION SYSTEM**	
APPLICABLE CODE	IBC	NFPA
CONSTRUCTION TYPE	**IIB (IBC 2021)**	**II (000) (NFPA 2015)**
OCCUPANCY TYPE	**INSTITUTIONAL I-3; BUSINESS**	**DETENTION, USE CONDITION IV; BUSINESS**
FIRE ALARM AND DETECTION SYSTEMS REQUIRED		
APPLICABLE CODE	**INSTITUTIONAL I-3: IBC 408.10 BUSINESS: IBC 907.2.2**	**DETENTION: NFPA 101 22.3.4 BUSINESS: NFPA 101 38.3.4**
BUILDING CODE SUMMARY		
BUILDING AREA	1ST FLOOR	**91,796 G.S.F.; 75,569 N.S.F.**
	2ND FLOOR	**N.A.**
	TOTAL	**91,796 G.S.F.; 75,569 N.S.F.**
AREA LIMITATION PER STORY	**IBC: I-3: 40,000 S.F. TABLE 506.2 B: 92,000 S.F. TABLE 506.2**	
HEIGHT LIMITATION	**IBC: 2 STORIES, 75' (I-3), 4 STORIES, 75' (B)**	**NFPA 5000 TABLE 7.4.1: 2 STORIES (DETENTION), 5 STORIES (BUSINESS)**
BUILDING OCCUPANT COUNT	1ST FLOOR	**518**
	2ND FLOOR	**N.A.**
	TOTAL	**518**
EGRESS WIDTH PER OCCUPANT		
STAIRWAYS	**N.A.**	**N.A.**
OTHER COMPONENTS	**0.15" X NUMBER OF OCCUPANTS**	**0.2" X NUMBER OF OCCUPANTS**
EGRESS COMPONENTS		
EXIT DOORS	**32" MIN. CLEAR WIDTH x 80" MIN. CLEAR OPENING HEIGHT IBC 1010.1.1**	
CORRIDOR WIDTH	**44" MINIMUM IBC TABLE 1020.3**	**48" MINIMUM NFPA 101 22.2.3.2**

EXITING			
IBC 1006.3.3	1ST FLOOR	**MIN. 3 REQUIRED**	
	2ND FLOOR	**N.A.**	
	TOTAL	**25 EXITS INCLUDED**	
SPACES REQUIRING 2 EXITS	**50+ OCCUPANTS**		
EXIT ACCESS TRAVEL DISTANCE	**IBC 1017.2: 200' MAXIMUM, I-3**	**NFPA 101 (22.2.6.2): 150' MAXIMUM, DETENTION**	
COMMON PATH OF EGRESS	**IBC 1006.2.1: 100' MAXIMUM IF ONLY 1 EXIT.**	**NFPA 101 (22.2.5.3): 100' MAX DETENTION NFPA 101 (38.2.5.3.1): 100' MAX BUSINESS**	
ARRANGEMENT OF EXITS	**IBC DISTANCE: SEE LS PLAN**	**NFPA DISTANCE: SEE LS PLAN**	
FIRE RESISTANCE REQUIREMENT			
FIRE RATING REQUIREMENTS	**TABLE 601**		
TYPE IIB	**PRIMARY STRUCTURAL FRAME: 0 HR**		
AUTOMATIC SPRINKLER SUBSTITUTES FOR 1 HR REQUIREMENT EXEPT FOR EXTERIOR WALL	**BEARING WALLS (EXT & INT): 0 HR**		
	NON BEARING INTERIOR WALLS: 0 HR		
	FLOOR & SECONDARY MEMBERS: 0 HR		
	ROOF & SECONDARY MEMBERS: 0 HR		
EXTERIOR FIRE SEPARATION	**TABLE 705.5**		
CONSTRUCTION TYPE	**X < 5 = 1 HR**		
	5' < X < 10' = 1 HR		
	10' < X < 30' = 0 HR		
	X > 30' = 0 HR		
SHAFT ENCLOSURES	IBC 713.4	**N.A.**	
EXIT STAIR ENCLOSURES	IBC 1023.2	**N.A.**	
CORRIDORS	IBC 1020.1	**B=0 HR WITH AUTOMATIC SPRINKLER I-3=1 HR WITH AUTOMATIC SPRINKLER**	
OTHER PERMANENT PARTITIONS	IBC 602 & 603	**0 HR (IBC TABLE 601)**	
STAIRS	IBC 1505.1	**N.A.**	
ROOF COVERING	IBC 1505.1	**CLASS C MINIMUM FOR TYPE IIB CONSTRUCTION**	
PENTHOUSES	IBC	**N.A.**	
INCIDENTAL USE AREAS			
STORAGE ROOMS (OVER 100 SF)	**AUTOMATIC SPRINKLER (SMOKE RESISTIVE)**		
LAUNDRY ROOMS (OVER 100 SF)	**AUTOMATIC SPRINKLER (SMOKE RESISTIVE)**		

N

1 OVERALL - LIFE SAFETY PLAN
3/64" = 1'-0"

Grace Design Studios

GERARD DAVID HEBERT II — LICENSE No. 41980 — STATE OF LOUISIANA — REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PUBLICATION OF THESE DOCUMENTS FOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

LIFE SAFTY PLAN

SHEET NUMBER

LS101

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2026 1:58:38 PM

LIFE SAFETY LEGEND

- 1 HOUR FIRE PARTITION
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION
- 1 HOUR RATED FIRE/SMOKE BARRIER
- 2 HOUR RATED FIRE/SMOKE BARRIER
- EXIT: XXX NUMBER OF OCC EXITING; XXX EXIT MAX CAPACITY; XXX EXIT WIDTH (INCHES)
- FEC FIRE EXTINGUISHER CABINET
- CPT PATH # / CPT # — COMMON PATH OF TRAVEL (CPT)
- MTD PATH # / MTD # — MAX TRAVEL DISTANCE (MTD)
- GDD PATH # / GDD # — GREATEST DIAGONAL DISTANCE (GDD)
- ESD PATH # / ESD # — EXIT SEPARATION DISTANCE (ESD)

OCCUPANCY LEGEND

- INSTITUTIONAL I-3
- BUSINESS AREA
- ACCESSORY AREAS, STORAGE, MECHANICAL EQUIPMENT ROOM, CIRCULATION

MAX TRAVEL DISTANCE

EGRESS PATH	EGRESS LENGTH
MTD #1	105'-10 7/32"
MTD #2	106'-10 1/2"
MTD #3	103'-10 3/8"
MTD #4	109'-4 3/4"
MTD #5	86'-8 13/32"
MTD #6	112'-4 1/32"
MTD #7	69'-11 11/16"
MTD #8	52'-0 21/32"
MTD #9	122'-6 5/8"
MTD #10	69'-10 15/32"
MTD #11	71'-11 5/32"
MTD #12	56'-8 11/32"
MTD #13	72'-4 15/32"
MTD #14	57'-2 21/32"
MTD #15	57'-1 7/32"
MTD #16	72'-4 23/32"
MTD #17	72'-5 15/32"
MTD #18	57'-2 7/8"
MTD #19	57'-1 7/32"
MTD #20	72'-4 25/32"
MTD #21	57'-0 3/8"
MTD #22	72'-6 15/32"
MTD #23	72'-3 27/32"
MTD #24	57'-0 9/16"
MTD #25	57'-2 27/32"
MTD #26	72'-9 1/8"
MTD #27	72'-2 17/32"
MTD #28	56'-8 31/32"
MTD #29	82'-7 7/8"

1 LIFE SAFETY PLAN - SECTOR A
1/8" = 1'-0"

Grace Design Studios

HERALD DAVID HEBERT II — LICENSE No. 41984 — STATE OF LOUISIANA — REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000178) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

LIFE SAFETY PLAN - SECTOR A

SHEET NUMBER
LS102

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:39:48 PM

MAX TRAVEL DISTANCE	
EGRESS PATH	EGRESS LENGTH
MTD #1	105'-10 7/32"
MTD #2	106'-10 1/2"
MTD #3	103'-10 3/8"
MTD #4	109'-4 3/4"
MTD #5	86'-8 13/32"
MTD #6	112'-4 1/32"
MTD #7	69'-11 11/16"
MTD #8	52'-0 21/32"
MTD #9	122'-6 5/8"
MTD #10	69'-10 15/32"
MTD #11	71'-11 5/32"
MTD #12	56'-8 11/32"
MTD #13	72'-4 15/32"
MTD #14	57'-2 21/32"
MTD #15	57'-1 7/32"
MTD #16	72'-4 23/32"
MTD #17	72'-5 15/32"
MTD #18	57'-2 7/8"
MTD #19	57'-1 7/32"
MTD #20	72'-4 25/32"
MTD #21	57'-0 3/8"
MTD #22	72'-6 15/32"
MTD #23	72'-3 27/32"
MTD #24	57'-0 9/16"
MTD #25	57'-2 27/32"
MTD #26	72'-9 1/8"
MTD #27	72'-2 17/32"
MTD #28	56'-8 31/32"
MTD #29	82'-7 7/8"

LIFE SAFETY LEGEND

- 1 HOUR FIRE PARTITION
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION
- 1 HOUR RATED FIRE/SMOKE BARRIER
- 2 HOUR RATED FIRE/SMOKE BARRIER
- EXIT — XXX — NUMBER OF OCC EXITING; XXX — EXIT MAX CAPACITY; XXX — EXIT WIDTH (INCHES)
- FEC — FIRE EXTINGUISHER CABINET
- CPT PATH # / CPT # — COMMON PATH OF TRAVEL (CPT)
- MTD PATH # / MTD # — MAX TRAVEL DISTANCE (MTD)
- GDD PATH # / GDD # — GREATEST DIAGONAL DISTANCE (GDD)
- ESD PATH # / ESD # — EXIT SEPARATION DISTANCE (ESD)

OCCUPANCY LEGEND

- INSTITUTIONAL I-3
- BUSINESS AREA
- ACCESSORY AREAS, STORAGE, MECHANICAL EQUIPMENT ROOM, CIRCULATION

1 / LS102

WOMENS RESTROOM 113 SF
MENS RESTROOM 114 SF
MECH. 173 SF
CORRIDOR 112 SF
17 / 180 / 72
TRAINING ROOM 841 SF 9 OCC.
LOBBY 526 SF 6 OCC.
LOCKERS 47 SF
RR 43 SF
JAN 19 SF
RR 40 SF
DEPUTY DIR. 117 SF 2 OCC.
TREAT DIR. 117 SF 2 OCC.
ASST. FAC. DIR. 117 SF 2 OCC.
BUS. OPS. 117 SF 2 OCC.
SAFETY 117 SF 2 OCC.
OPEN OFFICE 353 SF 4 OCC.
INVEST 116 SF 2 OCC.
INVEST ADMIN 117 SF 2 OCC.
FILE 77 SF
INVEST 116 SF 2 OCC.
BREAK 369 SF 4 OCC.
REF.
FEC
16 / 180 / 36.0
NFPA TABLE 6.1.14.4.1(a) / IBC TABLE 508.4: 2 HOUR OCCUPANCY SEPARATION
FACILITY DIRECTOR 200 SF 2 OCC.
ADMIN ASSIST. 138 SF 2 OCC.
TERM ACC. COORD. 123 SF 2 OCC.
BUS. MGR. 121 SF 2 OCC.
PAYROLL 123 SF 2 OCC.
PROP MGR 119 SF 2 OCC.
SEC. ELEC. 38 SF
ELEC 94 SF
RECREATION YARD 846 SF
F.D.
COR 286 SF
MTD #6
MTD #7
MTD #8
MTD #9
AREA 4 OCCUPANCY 85
ESD #4 = 146'
GDD #4 = 209'/3 = 70'
FEC
VISIT. 1 OCC. 84 SF
VISIT. 1 OCC. 81 SF
T.V.
MTG 155 SF 2 OCC.
MTG 125 SF 2 OCC.
STO 120 SF
HR FILE 74 SF
HR 119 SF 1 OCC.
IT OFF. 119 SF 2 OCC.
SAFETY OFF 123 SF 2 OCC.
COPY WORKRM 117 SF 2 OCC.
RR 60 SF
RR 59 SF
IDF 149 SF
CONFERENCE 301 SF 4 OCC.
STOR 100 SF
STORAGE 205 SF
MECH. 154 SF
STAFF RR 59 SF
CENTRAL CONTROL 227 SF 3 OCC.
INTERLOCK 233 SF 3 OCC.
VISITATION 385 SF 5 OCC.
SECURE BREAK 107 SF 1 OCC.
SHIFT COMMANDER 90 SF 1 OCC.
INVEST 113 SF 2 OCC.
IT WORKRM 99 SF 1 OCC.
SERVER ROOM 111 SF
STORAGE 107 SF
SEC. ELEC. 93 SF
ELEC 200 SF
CLO. 23 SF
9 / 180 / 36.0
3 / 180 / 36.0
13 / 180 / 36.0
46 / 180 / 36.0
1 / 180 / 36.0
2 / 180 / 36.0
10 / 180 / 36.0
4 / 240 / 48.0
0 / 180 / 36.0
EXIT PASSAGEWAY PER IBC 1024 / NFPA 101 7.2.6
15

GROUP 1 DINING 445 SF 4 OCC.
GROUP 2 DINING 596 SF 6 OCC.
MEDS 81 SF
LAUNDRY 409 SF 4 OCC.
LAUNDRY EQUIP 268 SF
THERAPY 135 SF 1 OCC.
S.T. 75 SF
MH 110 SF 2 OCC.
ELEC 94 SF
SEC. ELEC. 81 SF
ELEC 94 SF
Y.RR 48 SF
LOCK. STO. 35 SF
MGR OFFICE 89 SF 1 OCC.
SUPERVISOR 74 SF 1 OCC.
S. RR 44 SF
SLEEP 84 SF 1 OCC.
DAY ROOM 1126 SF 10 OCC.
AV 12 SF
JAN 24 SF
Y.RR 45 SF
CHASE 22 SF
JAN 93 SF
AREA 5 OCCUPANCY 31
GDD #5 = 198'/3 = 67'
ESD #5 = 106'
KITCHEN 1976 SF 19 OCC.
S.RR 59 SF
CLEAN LINEN STORAGE 411 SF
AREA 6 OCCUPANCY 30
ESD #6 = 85'
MTD #12
MTD #11
ADA SHOWER 84 SF
SHOWER 74 SF
ADA SLEEP 96 SF 1 OCC.
RECREATION YARD 858 SF 9 OCC.
15 / 180 / 36.0
DRY STORAGE 485 SF
MECHANICAL 541 SF
GENERAL STO. 370 SF
ELEC SERVICE 750 SF
MECHANICAL 700 SF
11 / 240 / 48.0
1 / LS102

KEY PLAN
A
B
1 / LS104

N

1 LIFE SAFETY PLAN - SECTOR B
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2025 1:58:45 PM

Grace Design Studios

GERARD DAVID HEBERT II LICENSE No. 41910 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

LIFE SAFETY PLAN - SECTOR B

SHEET NUMBER
LS103

LIFE SAFETY LEGEND

- 1 HOUR FIRE PARTITION
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION
- 1 HOUR RATED FIRE/SMOKE BARRIER
- 2 HOUR RATED FIRE/SMOKE BARRIER
- EXIT
  - XXX — NUMBER OF OCC EXITING
  - XXX — EXIT MAX CAPACITY
  - XXX — EXIT WIDTH (INCHES)
- FEC — FIRE EXTINGUISHER CABINET
- CPT PATH # / CPT # — COMMON PATH OF TRAVEL (CPT)
- MTD PATH # / MTD # — MAX TRAVEL DISTANCE (MTD)
- GDD PATH # / GDD # — GREATEST DIAGONAL DISTANCE (GDD)
- ESD PATH # / ESD # — EXIT SEPARATION DISTANCE (ESD)

OCCUPANCY LEGEND

- INSTITUTIONAL I-3
- BUSINESS AREA
- ACCESSORY AREAS, STORAGE, MECHANICAL EQUIPMENT ROOM, CIRCULATION

EXIT PASSAGEWAY PER IBC 1024 / NFPA 101 7.2.6

MAX TRAVEL DISTANCE	
EGRESS PATH	EGRESS LENGTH
MTD #1	105'-10 7/32"
MTD #2	106'-10 1/2"
MTD #3	103'-10 3/8"
MTD #4	109'-4 3/4"
MTD #5	86'-8 13/32"
MTD #6	112'-4 1/32"
MTD #7	69'-11 11/16"
MTD #8	52'-0 21/32"
MTD #9	122'-6 5/8"
MTD #10	69'-10 15/32"
MTD #11	71'-11 5/32"
MTD #12	56'-8 11/32"
MTD #13	72'-4 15/32"
MTD #14	57'-2 21/32"
MTD #15	57'-1 7/32"
MTD #16	72'-4 23/32"
MTD #17	72'-5 15/32"
MTD #18	57'-2 7/8"
MTD #19	57'-1 7/32"
MTD #20	72'-4 25/32"
MTD #21	57'-0 3/8"
MTD #22	72'-6 15/32"
MTD #23	72'-3 27/32"
MTD #24	57'-0 9/16"
MTD #25	57'-2 27/32"
MTD #26	72'-9 1/8"
MTD #27	72'-2 17/32"
MTD #28	56'-8 31/32"
MTD #29	82'-7 7/8"

1 LIFE SAFETY PLAN - SECTOR C
1/8" = 1'-0"

KEY PLAN

Grace Design Studios

HERALD DAVID HEBERT II
LICENSE No. 41938
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPOSITORY, CONSTRUCTION MANAGER OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

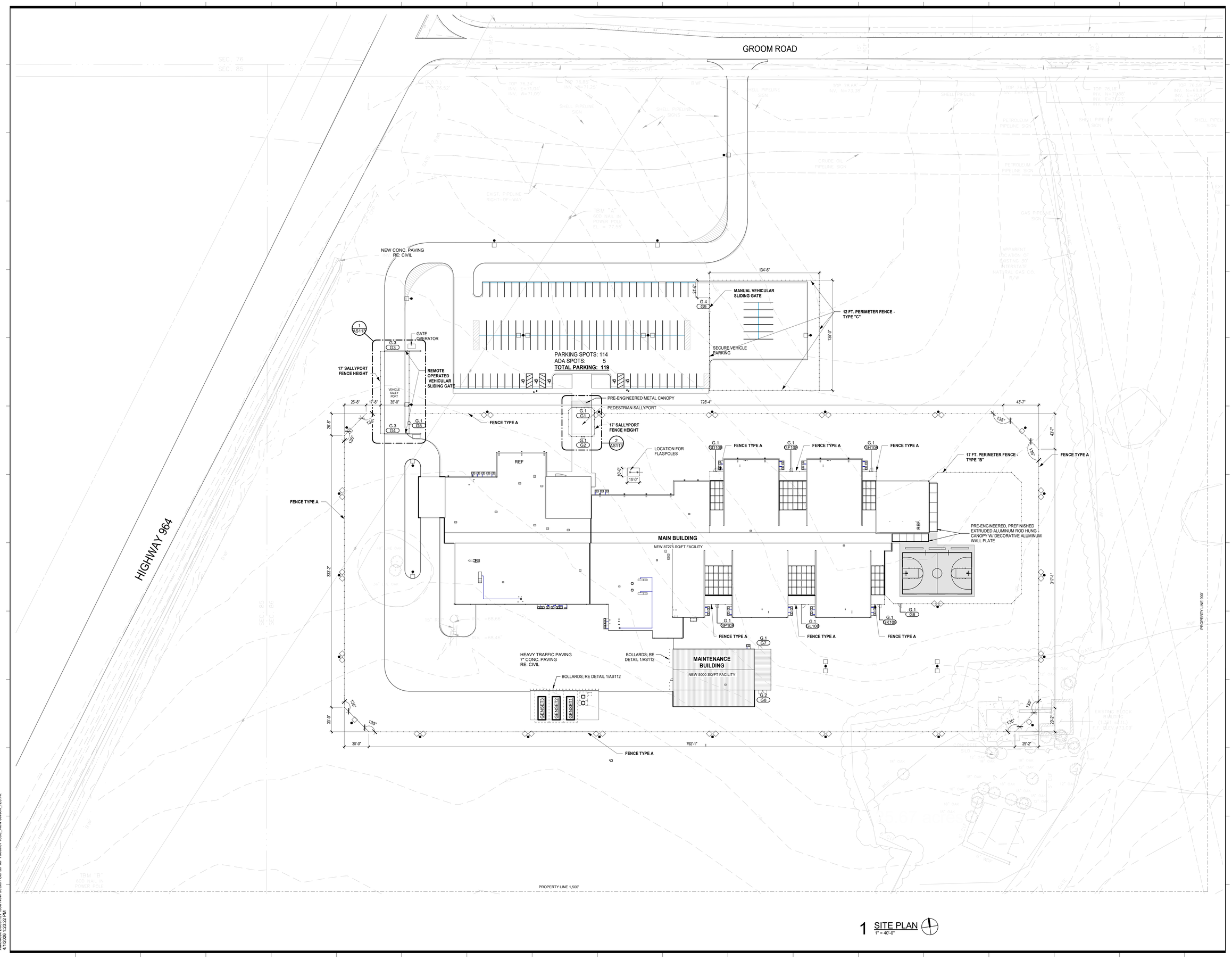
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

LIFE SAFETY PLAN - SECTOR C

SHEET NUMBER
LS104

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2026 10:35:37 PM



1 SITE PLAN
1" = 40'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

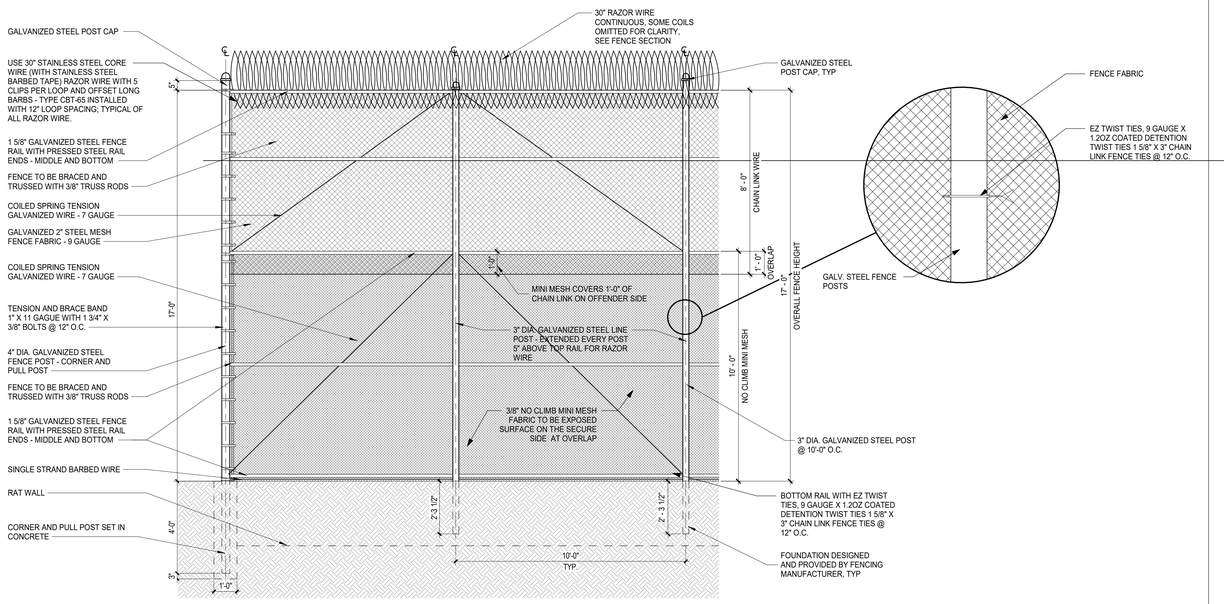
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

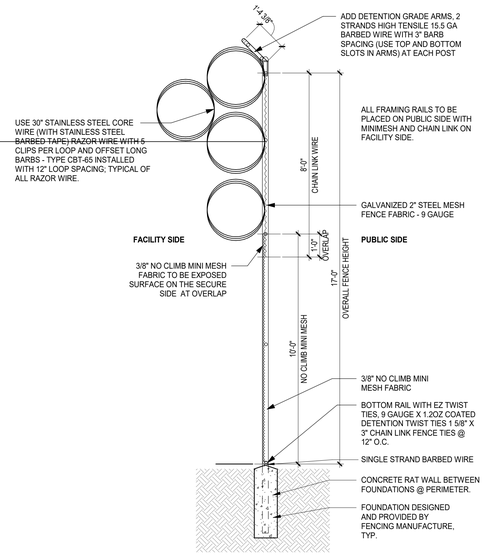
ARCHITECTURAL SITE PLAN

SHEET NUMBER
AS101

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:22 PM



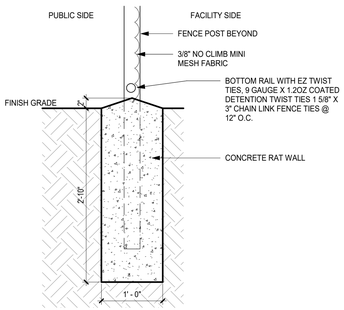
1 TYPE A - FENCE ELEVATION
3/8" = 1'-0"



2 TYPE A - FENCE SECTION
3/8" = 1'-0"

GENERAL NOTE:

ALL FRAMING RAILS TO BE PLACED ON PUBLIC SIDE WITH MINIMESH AND CHAIN LINK ON FACILITY SIDE; TYP.

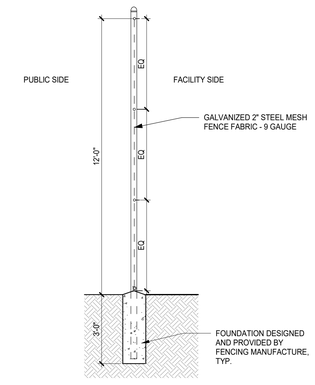


3 TYPICAL RATWALL SECTION
1" = 1'-0"

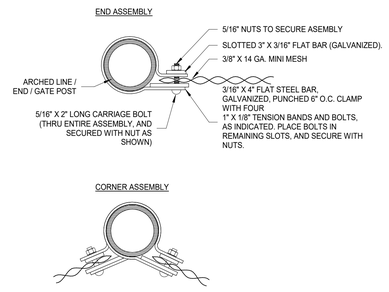
4 TYPE B- FENCE ELEVATION
3/8" = 1'-0"

7 SECURITY FENCE DETAIL
1/4" = 1'-0"

5 TYPE B- FENCE SECTION
3/8" = 1'-0"

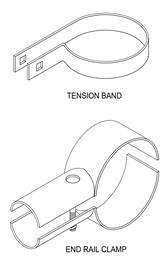


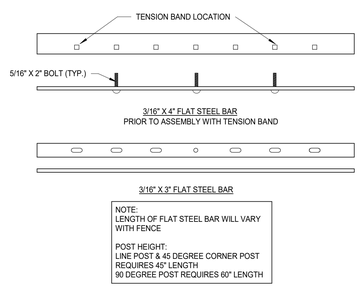
5A TYPE C - FENCE SECTION
3/8" = 1'-0"



NOTE: CORNER AND END ASSEMBLIES REQUIRE SAME HARDWARE

6 SECURITY FENCE DETAIL
1" = 1'-0"





8 SECURITY FENCE DETAIL
1" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:34:34 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTED MATERIAL REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

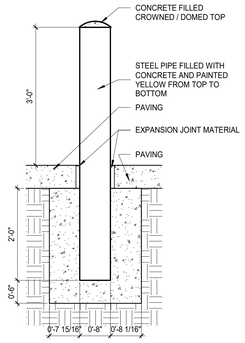
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

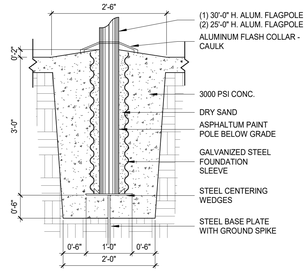
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SITE DETAILS

SHEET NUMBER
AS111

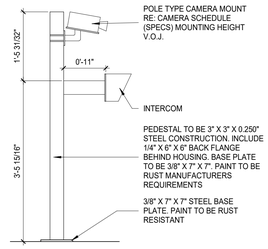


1 SECURITY - BOLLARD DETAIL
3/4" = 1'-0"



NOTE: PROVIDE FOUNDATION DESIGN FROM MANUFACTURER STAMPED BY AN ENGINEER LICENSED TO PRACTICE IN THIS STATE FOR APPROVAL PRIOR TO INSTALLATION

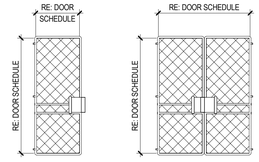
2 SITE - FLAG POLE BASE DETAIL
3/4" = 1'-0"



3 SITE - SECURITY CAMERA
3/4" = 1'-0"

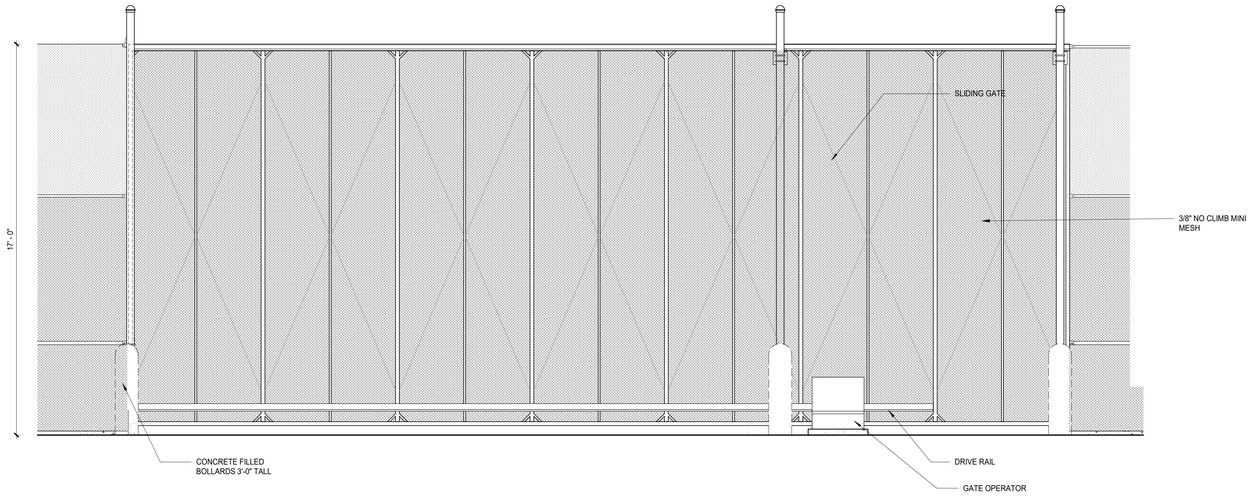
DOOR SCHEDULE - GATES

NO.	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	ACCESS CONTROL
G1	G.1	3' - 2"	8'-0"	
G2	G.1	3' - 2"	8'-0"	
G3	G.3	28' - 0"	17'-0"	
G4	G.3	28' - 0"	17'-0"	
G5	G.1	3' - 2"	8'-0"	
G6	G.1	4' - 6"	8'-0"	
G7	G.1	4' - 6"	8'-0"	
G8	G.2	10' - 0"	8'-0"	
G9	G.4	28' - 0"	12'-0"	
GD108	G.1	4' - 6"	8'-0"	
GF108	G.1	4' - 6"	8'-0"	
GH108	G.1	4' - 6"	8'-0"	
GK108	G.1	4' - 6"	8'-0"	
GL108	G.1	4' - 6"	8'-0"	
GP108	G.1	4' - 6"	8'-0"	



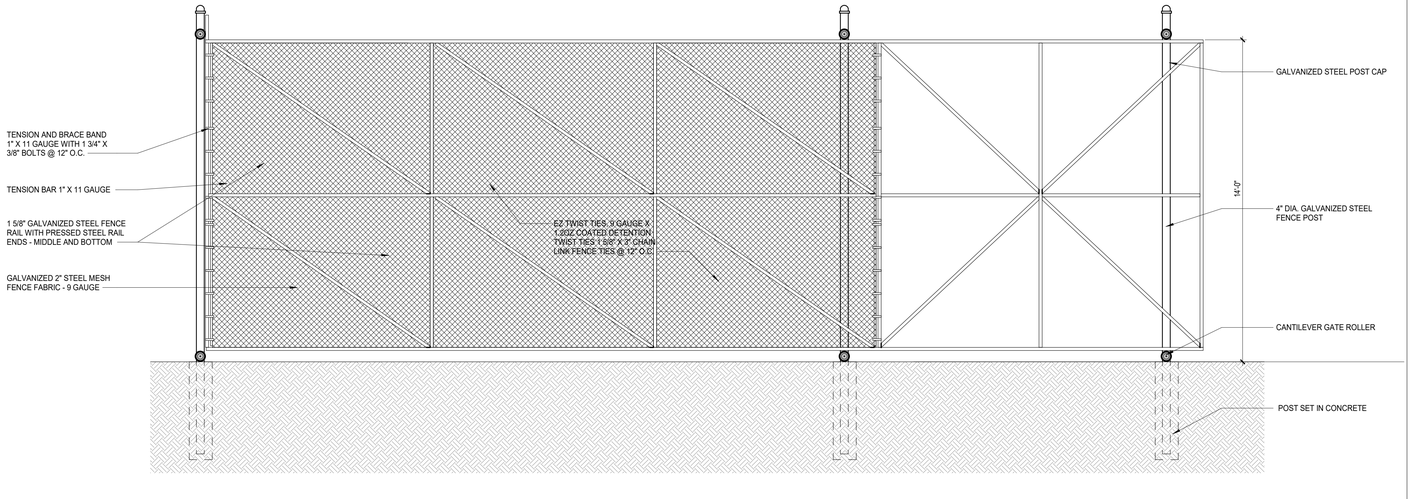
G.1
CHAINLINK GATE - SINGLE

G.2
CHAINLINK GATE - DOUBLE



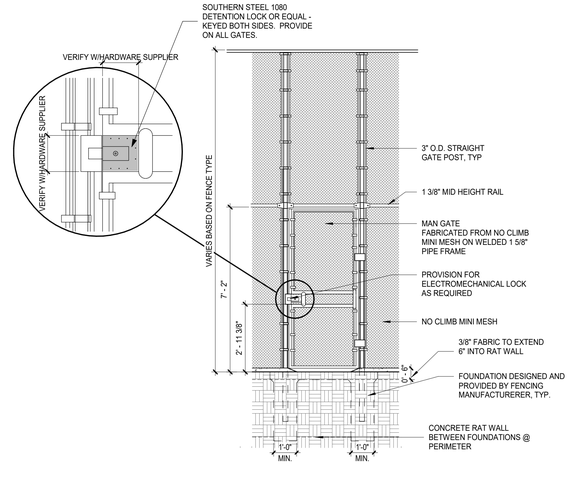
4 VEHICULAR GATE ELEVATION
3/8" = 1'-0"

G.3
REMOTE OPERATED
VEHICULAR SLIDING GATE



5 MANUAL SLIDING GATE ELEVATION
3/8" = 1'-0"

G.4
MANUAL VEHICULAR
SLIDING GATE



6 TYPE A & B - MAN GATE ELEV.
3/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:25:29 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

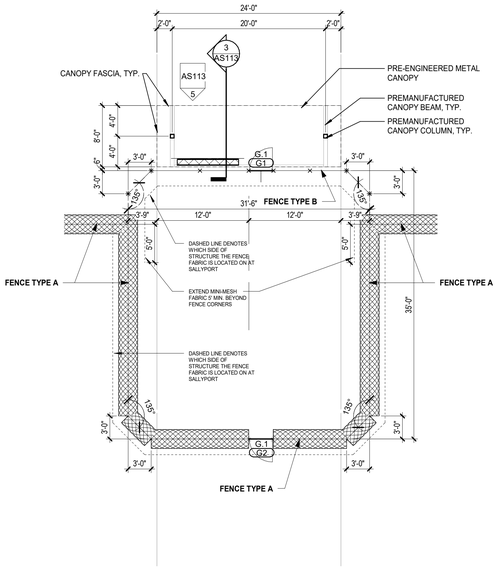
PROJECT NO.:08-403-04-02, Part 09 (F.080000165) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

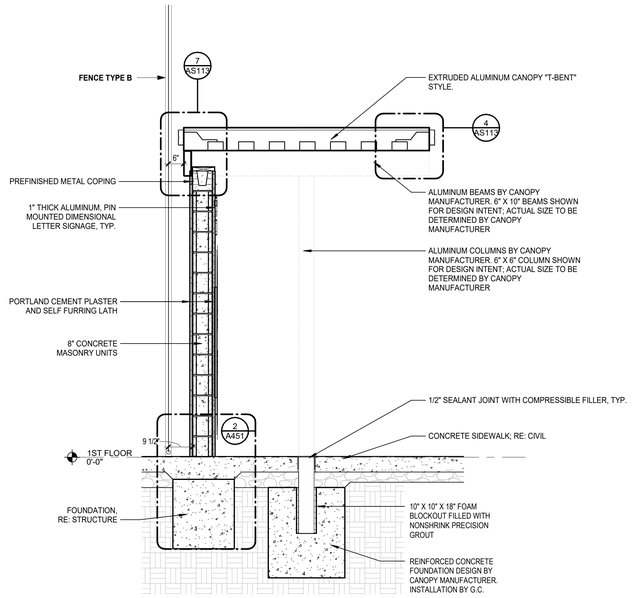
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SITE DETAILS

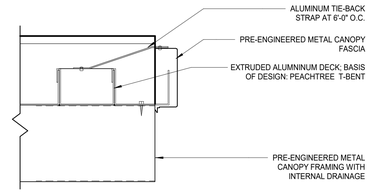
SHEET NUMBER
AS112



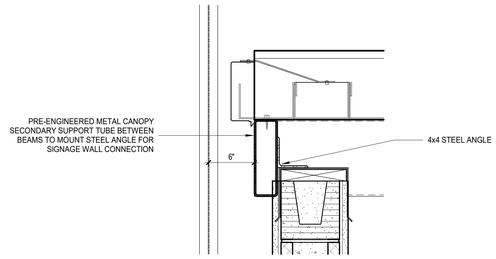
2 ENLARGED SITE PLAN - PEDESTRIAN SALLYPORT
1/8" = 1'-0"



3 CANOPY SECTION @ SIGNAGE WALL
1/2" = 1'-0"

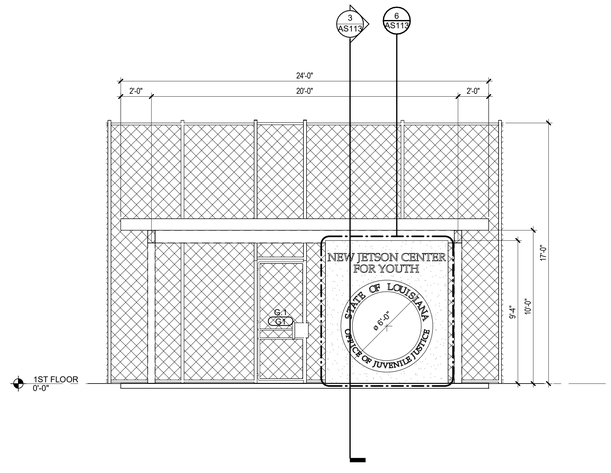


4 CANOPY DETAIL
1 1/2" = 1'-0"

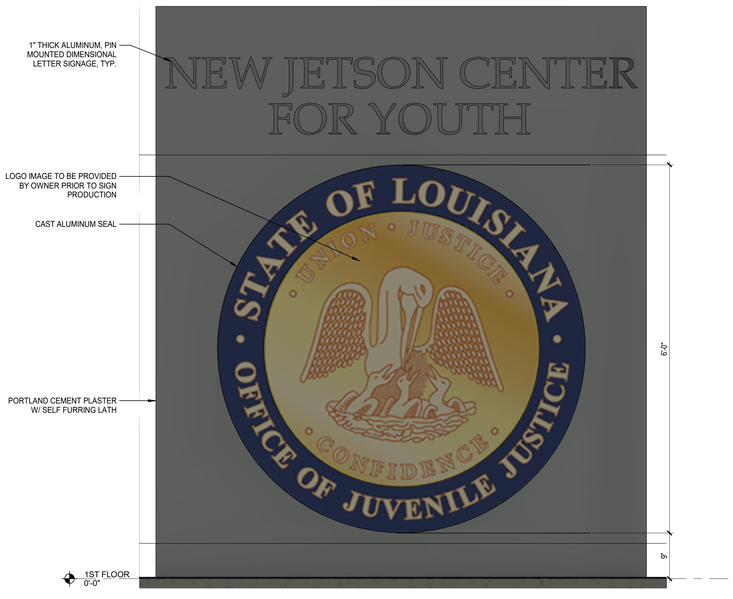


7 CANOPY DETAIL @ SIGNAGE WALL
1 1/2" = 1'-0"

1 ENLARGED SITE PLAN - VEHICULAR SALLYPORT
1/8" = 1'-0"



5 CANOPY & SIGNAGE ELEVATION
1/4" = 1'-0"



6 SIGNAGE DETAIL
1" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR OTHER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

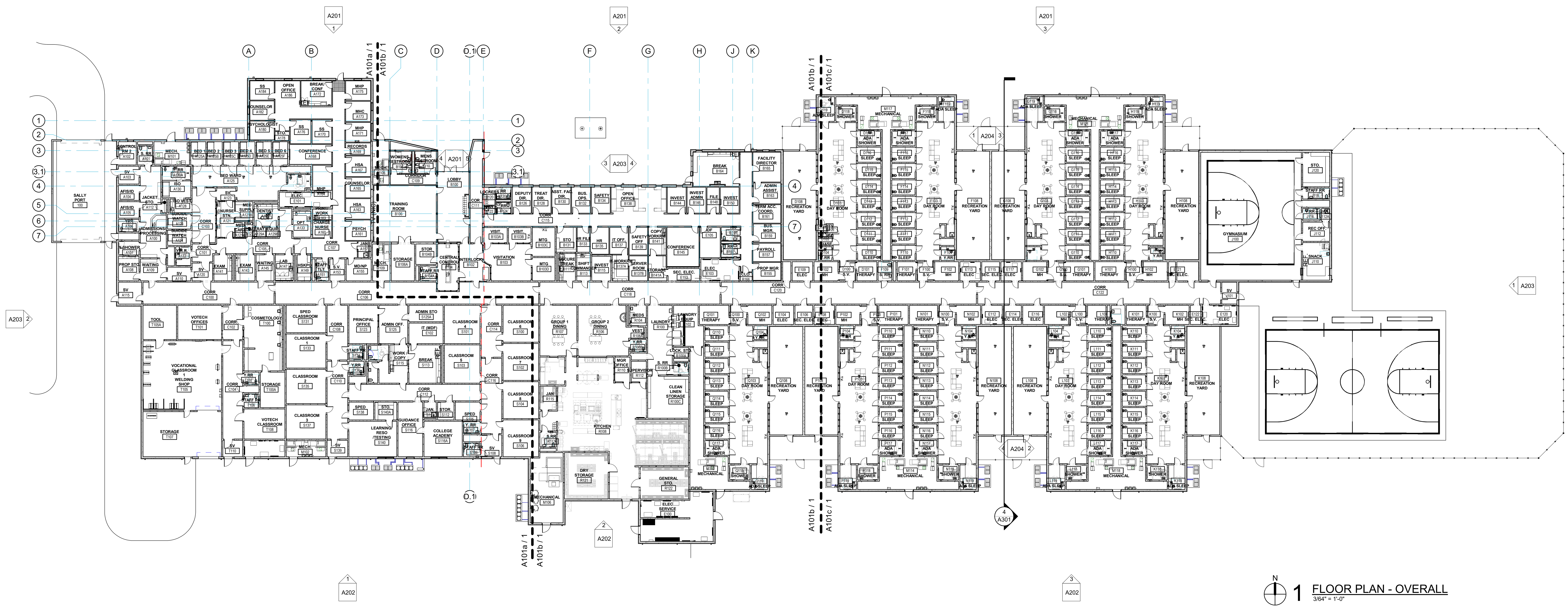
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

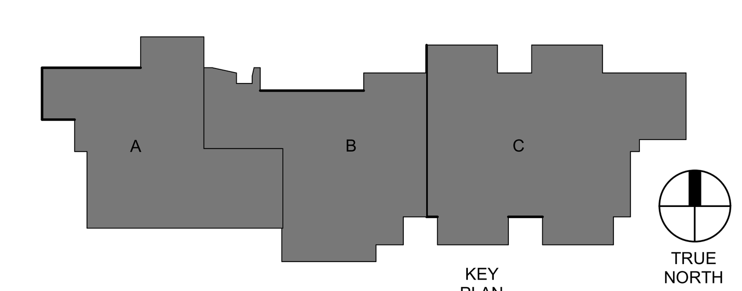
ENLARGED SITE PLAN

SHEET NUMBER
AS113

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:24:49 PM



1 FLOOR PLAN - OVERALL
3/64" = 1'-0"



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FLOOR PLAN - OVERALL

SHEET NUMBER
A101

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:19:46 PM

FLOOR PLAN GENERAL NOTES

1. ALL PARTITIONS TO BE TYPE "K1" UNLESS NOTED OTHERWISE ON PLAN.
2. ALL DIMENSIONS ARE FROM THE EXTERIOR FACE OF THE BUILDING TO COLUMN CENTER LINE TO FACE OF GYP BD EXCLUDING INTERIOR FINISHES UNLESS NOTED OTHERWISE ON PLAN.
3. ALL DOOR NUMBERS ARE THE SAME AS THE ROOM NUMBER THAT THE DOOR SWINGS INTO UNLESS NOTED OTHERWISE ON PLAN. IN ROOMS WITH MORE THAN ONE (1) DOOR SWINGING INTO IT, THE DOORS WILL BE DISTINGUISHED BY A LETTER A, B, ETC. AT THE END OF THE DOOR NUMBER. THE BUILDING AREA IS EXCLUDED FROM THE DOOR NUMBER PLAN DESIGNATION FOR CLARITY.
4. UNLESS DIMENSIONED OTHERWISE ON PLAN, LOCATE THE HINGE FACE OF DOOR FRAMES IN METAL STUD WALLS 6" FROM THE FACE OF THE ADJACENT PARTITION AT HINGE-JAMBS. REFER TO T004 FOR TYPICAL DOOR LAYOUT.
5. REFER TO 'G' SERIES SHEETS FOR TYPICAL GYP BD PARTITION AND FRAMING DETAILS.
6. REFER TO SHEET G002 FOR TYPICAL TOILET ACCESSORIES AND TYPICAL DEVICE MOUNTING HEIGHTS.
7. PROVIDE CONTROL JOINTS AT BOTH SIDES OF DOOR FRAME ON GYPSUM BOARD WALLS, ON CORRIDOR SIDE WALLS TYPICAL, UNO.

WALL PARTITION LEGEND

NEW WALLS / CONSTRUCTION

MATCHLINE / LIMIT OF WORK

FLOOR PLAN LEGEND

XX — PARTITION TYPES - RE G003

A — GLAZING FRAME TYPES - REF: A603

FEC — FIRE EXTINGUISHER CABINET MOUNTED @ 4' - 0" TO TOP OF EXTINGUISHER HANDLE OR AS REQUIRED BY AHJ

XX / DD — DOOR TYPE & DOOR NUMBER - REFER TO PROJECT MANUAL AND SHEET A601 FOR TYPES

A — ACCESSORY TAG REF G002 FOR ACCESSORY INFORMATION

1 — KEYNOTE

AC / PP — ACCESS CONTROL/PUSH PLATE SHOWN FOR REFERENCE

F.D. — FLOOR DRAIN

KEYNOTES (1)

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FLOOR PLAN - SECTOR A

SHEET NUMBER

A101a

1 FLOOR PLAN - SECTOR A
1/8" = 1'-0"

KEY PLAN — TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 4:49:39 PM

FLOOR PLAN GENERAL NOTES

1. ALL PARTITIONS TO BE TYPE "K1" UNLESS NOTED OTHERWISE ON PLAN.
2. ALL DIMENSIONS ARE FROM THE EXTERIOR FACE OF THE BUILDING TO COLUMN CENTER LINE TO FACE OF GYP BD EXCLUDING INTERIOR FINISHES UNLESS NOTED OTHERWISE ON PLAN.
3. ALL DOOR NUMBERS ARE THE SAME AS THE ROOM NUMBER THAT THE DOOR SWINGS INTO UNLESS NOTED OTHERWISE ON PLAN. IN ROOMS WITH MORE THAN ONE (1) DOOR SWINGING INTO IT. THE DOORS WILL BE DISTINGUISHED BY A LETTER A, B, ETC. AT THE END OF THE DOOR NUMBER. THE BUILDING AREA IS EXCLUDED FROM THE DOOR NUMBER PLAN DESIGNATION FOR CLARITY.
4. UNLESS DIMENSIONED OTHERWISE ON PLAN, LOCATE THE HINGE FACE OF DOOR FRAMES IN METAL STUD WALLS 6" FROM THE FACE OF THE ADJACENT PARTITION AT HINGE-JAMBS. REFER TO T004 FOR TYPICAL DOOR LAYOUT.
5. REFER TO 'G' SERIES SHEETS FOR TYPICAL GYP BD PARTITION AND FRAMING DETAILS.
6. REFER TO SHEET G002 FOR TYPICAL TOILET ACCESSORIES AND TYPICAL DEVICE MOUNTING HEIGHTS.
7. PROVIDE CONTROL JOINTS AT BOTH SIDES OF DOOR FRAME ON GYPSUM BOARD WALLS, ON CORRIDOR SIDE WALLS TYPICAL, UNO.

WALL PARTITION LEGEND

NEW WALLS / CONSTRUCTION

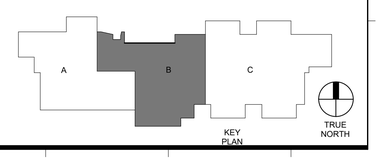
MATCHLINE / LIMIT OF WORK

FLOOR PLAN LEGEND

- XX — PARTITION TYPES - RE G003
- A — GLAZING FRAME TYPES - REF: A603
- FEC — FIRE EXTINGUISHER CABINET MOUNTED @ 4' - 0" TO TOP OF EXTINGUISHER HANDLE OR AS REQUIRED BY AHJ
- XX / 103 — DOOR TYPE & DOOR NUMBER - REFER TO PROJECT MANUAL AND SHEET A601 FOR TYPES
- A — ACCESSORY TAG REF G002 FOR ACCESSORY INFORMATION
- 1 — KEYNOTE
- AC / PP — ACCESS CONTROL/PUSH PLATE SHOWN FOR REFERENCE
- F.D. — FLOOR DRAIN

KEYNOTES (1)

1 FLOOR PLAN - SECTOR B
1/8" = 1'-0"



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PUBLICATION SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FLOOR PLAN - SECTOR B

SHEET NUMBER
A101b

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:19:33 PM

FLOOR PLAN GENERAL NOTES

1. ALL PARTITIONS TO BE TYPE "K1" UNLESS NOTED OTHERWISE ON PLAN.
2. ALL DIMENSIONS ARE FROM THE EXTERIOR FACE OF THE BUILDING TO COLUMN CENTER LINE TO FACE OF GYP BD EXCLUDING INTERIOR FINISHES UNLESS NOTED OTHERWISE ON PLAN.
3. ALL DOOR NUMBERS ARE THE SAME AS THE ROOM NUMBER THAT THE DOOR SWINGS INTO UNLESS NOTED OTHERWISE ON PLAN. IN ROOMS WITH MORE THAN ONE (1) DOOR SWINGING INTO IT, THE DOORS WILL BE DISTINGUISHED BY A LETTER A, B, ETC. AT THE END OF THE DOOR NUMBER. THE BUILDING AREA IS EXCLUDED FROM THE DOOR NUMBER PLAN DESIGNATION FOR CLARITY.
4. UNLESS DIMENSIONED OTHERWISE ON PLAN, LOCATE THE HINGE FACE OF DOOR FRAMES IN METAL STUD WALLS 6" FROM THE FACE OF THE ADJACENT PARTITION AT HINGE-JAMBS. REFER TO T004 FOR TYPICAL DOOR LAYOUT.
5. REFER TO 'G' SERIES SHEETS FOR TYPICAL GYP BD PARTITION AND FRAMING DETAILS.
6. REFER TO SHEET G002 FOR TYPICAL TOILET ACCESSORIES AND TYPICAL DEVICE MOUNTING HEIGHTS.
7. PROVIDE CONTROL JOINTS AT BOTH SIDES OF DOOR FRAME ON GYPSUM BOARD WALLS, ON CORRIDOR SIDE WALLS TYPICAL, UNO.

WALL PARTITION LEGEND

NEW WALLS / CONSTRUCTION

MATCHLINE / LIMIT OF WORK

FLOOR PLAN LEGEND

- XX — PARTITION TYPES - RE G003
- A — GLAZING FRAME TYPES - REF: A603
- FEC — FIRE EXTINGUISHER CABINET MOUNTED @ 4'-0" TO TOP OF EXTINGUISHER HANDLE OR AS REQUIRED BY AHJ
- XX / 101 — DOOR TYPE & DOOR NUMBER - REFER TO PROJECT MANUAL AND SHEET A601 FOR TYPES
- A — ACCESSORY TAG REF G002 FOR ACCESSORY INFORMATION
- 1 — KEYNOTE
- AC / PP — ACCESS CONTROL/PUSH PLATE SHOWN FOR REFERENCE
- F.D. — FLOOR DRAIN

KEYNOTES (1)

Grace Design Studios

GERALD DAVID HEBERT II — LICENSE No. 41067 — STATE OF LOUISIANA — REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

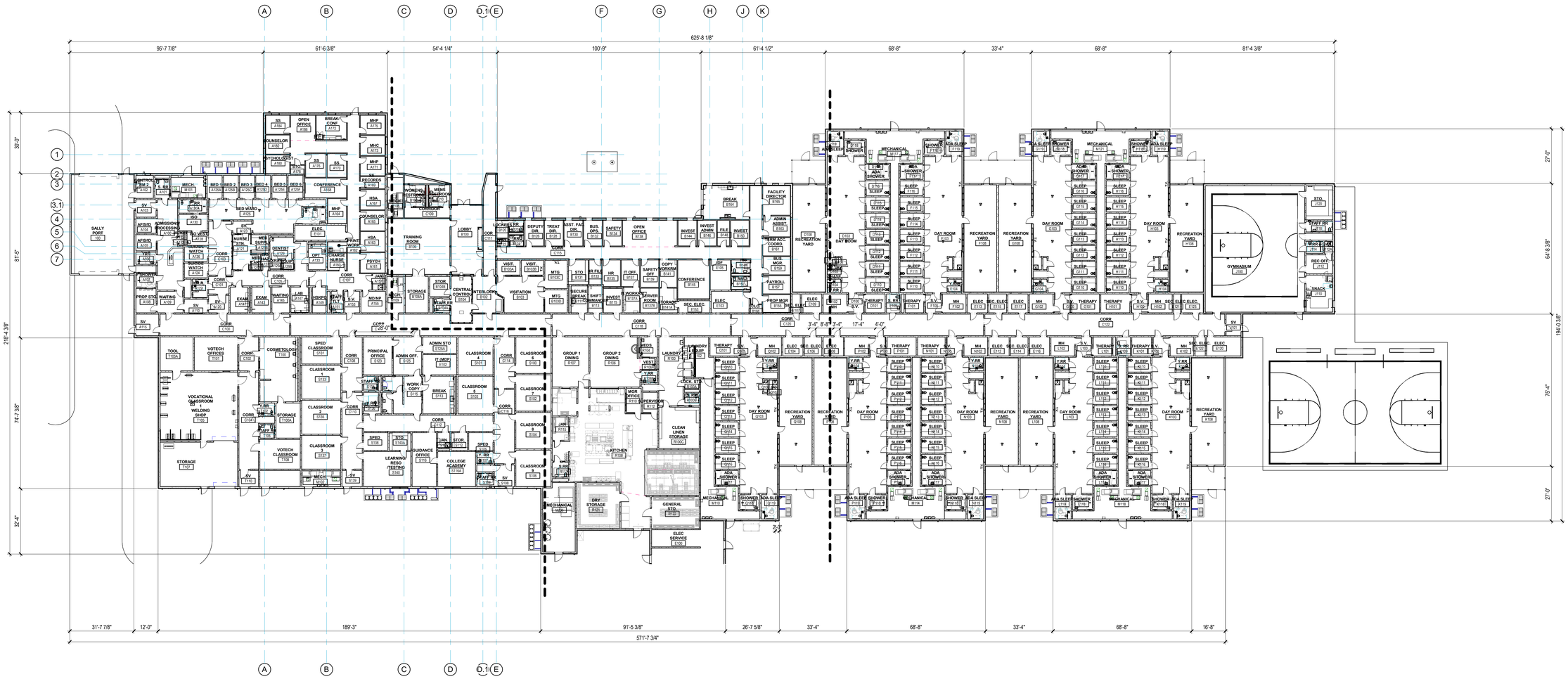
FLOOR PLAN - SECTOR C

SHEET NUMBER: A101c

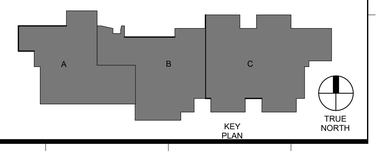
1 FLOOR PLAN - SECTOR C
1/8" = 1'-0"

KEY PLAN — TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2026 3:08:49 PM



1 FLOOR PLAN - OVERALL DIMENSIONED PLAN
3/64" = 1'-0"



Grace Design Studios

GERARD DAVID HEBERT II
LICENSED No. 41707
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

DIMENSIONED FLOOR PLAN - OVERALL

SHEET NUMBER
A102

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:48:37 PM

1 FLOOR PLAN - SECTOR A DIMENSIONED PLAN
1/8" = 1'-0"

Grace Design Studios

GERALD DAVID HEBERT II LIC. No. 41907 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01: F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

DIMENSIONED FLOOR PLAN - SECTOR A

SHEET NUMBER
A102a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:48:31 PM

1 FLOOR PLAN - SECTOR B DIMENSIONED PLAN
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 10:48:3 PM

Grace Design Studios

GERARD DAVID HEBERT II
LICENSE No. 41918
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000178) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

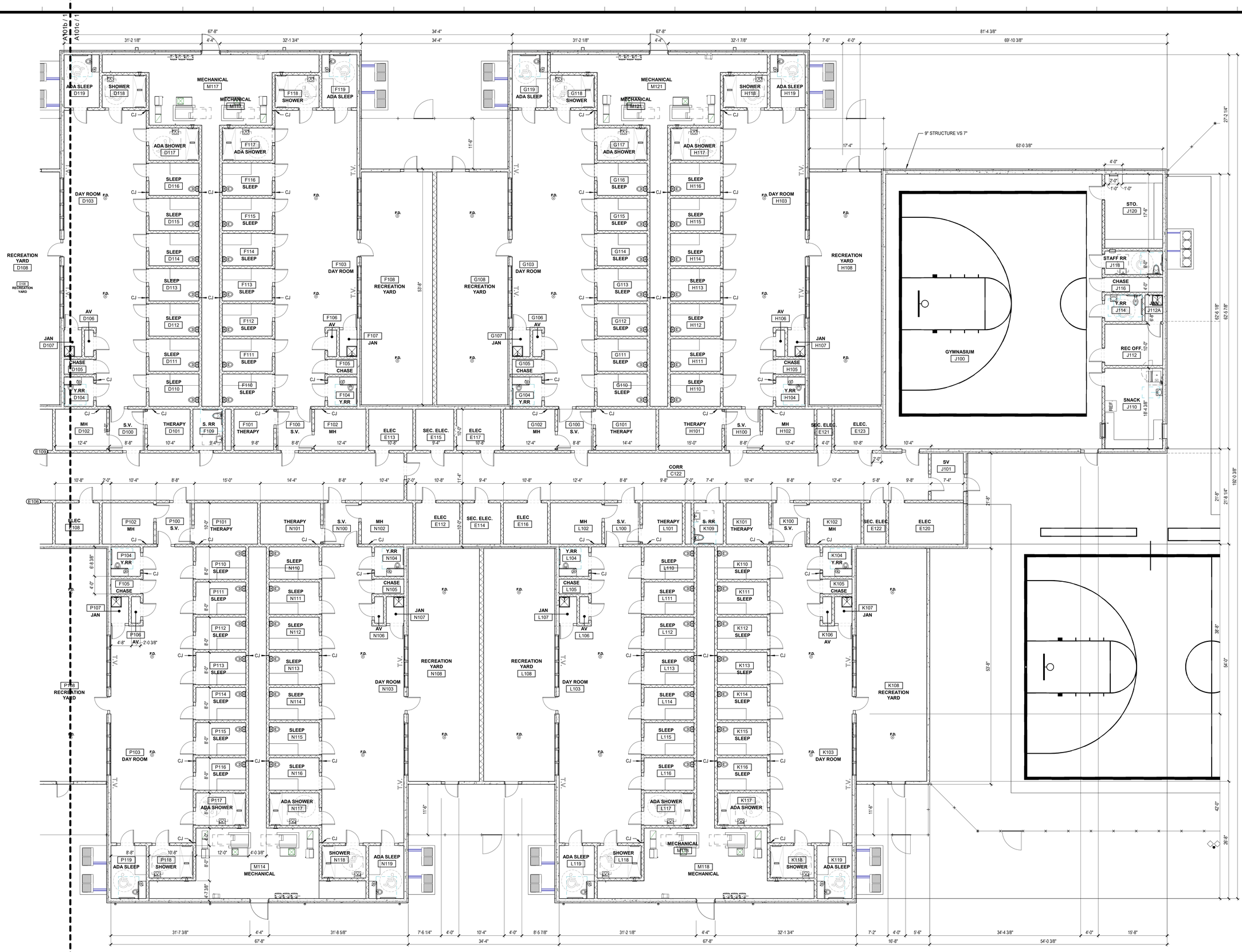
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

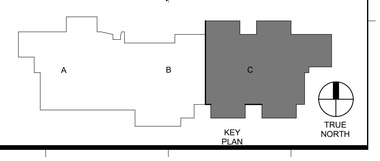
DIMENSIONED FLOOR PLAN - SECTOR B

SHEET NUMBER
A102b

KEY PLAN
TRUE NORTH



1 FLOOR PLAN - SECTOR C DIMENSIONED PLAN
1/8" = 1'-0"



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:20:15 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR MANUFACTURER OR SUPPLIER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

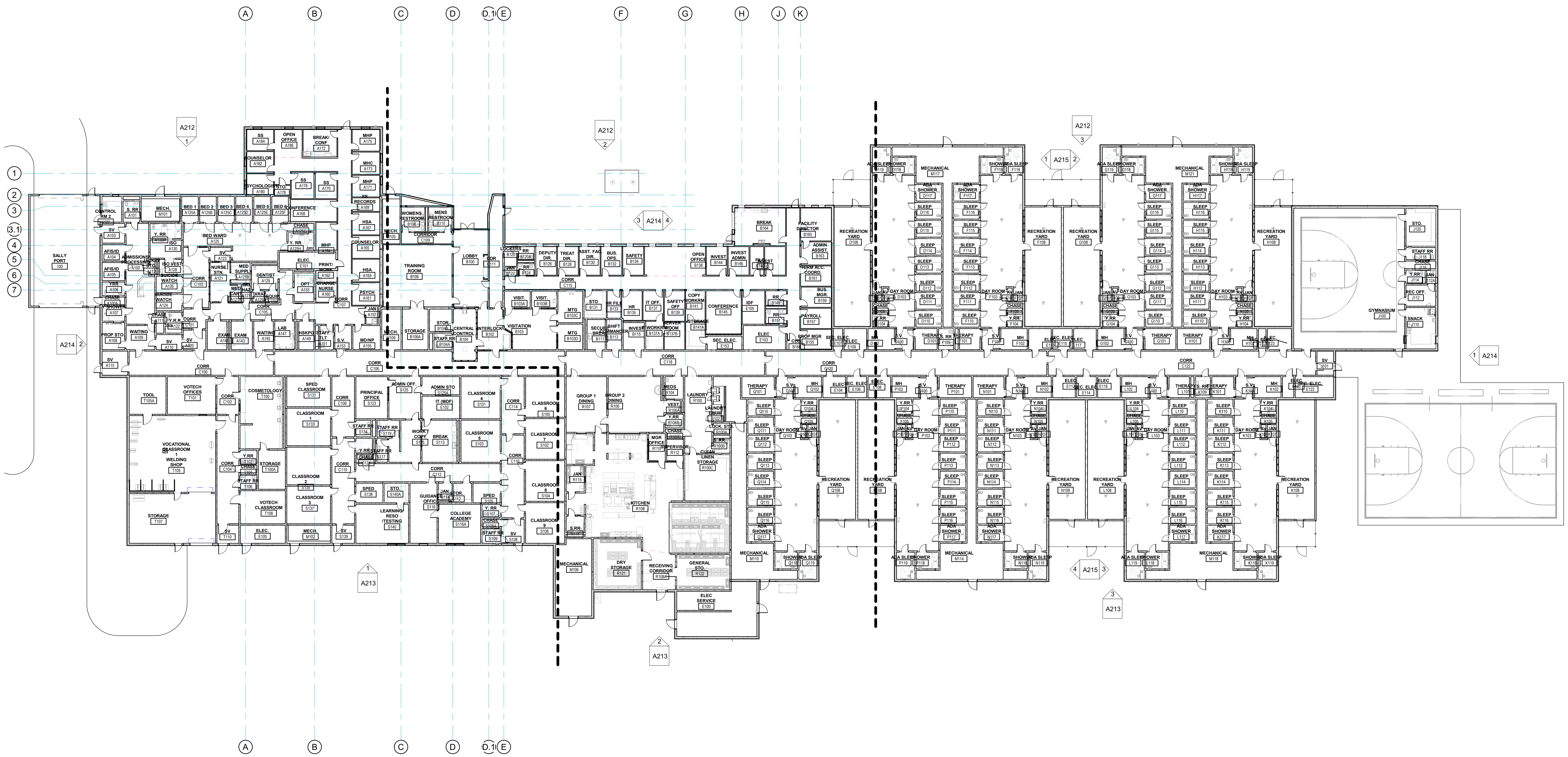
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

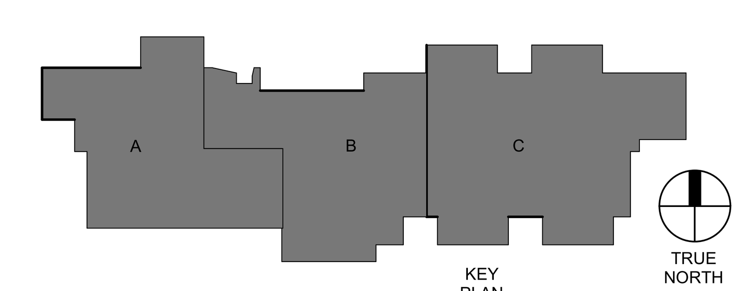
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

DIMENSIONED FLOOR PLAN - SECTOR C

SHEET NUMBER
A102c



1 FLOOR PLAN - TILT WALL PANEL PLAN - OVERALL
3/64" = 1'-0"



Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

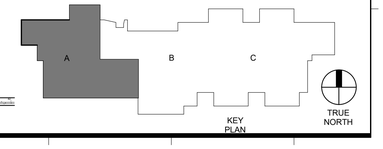
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT WALL PANEL PLAN - OVERALL

SHEET NUMBER
A103

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:20:20 PM

1 FLOOR PLAN - TILT WALL PANEL PLAN - SECTOR A
1/8" = 1'-0"



Grace Design Studios

GERALD DAVID HEBERT II LIC. No. 41787 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

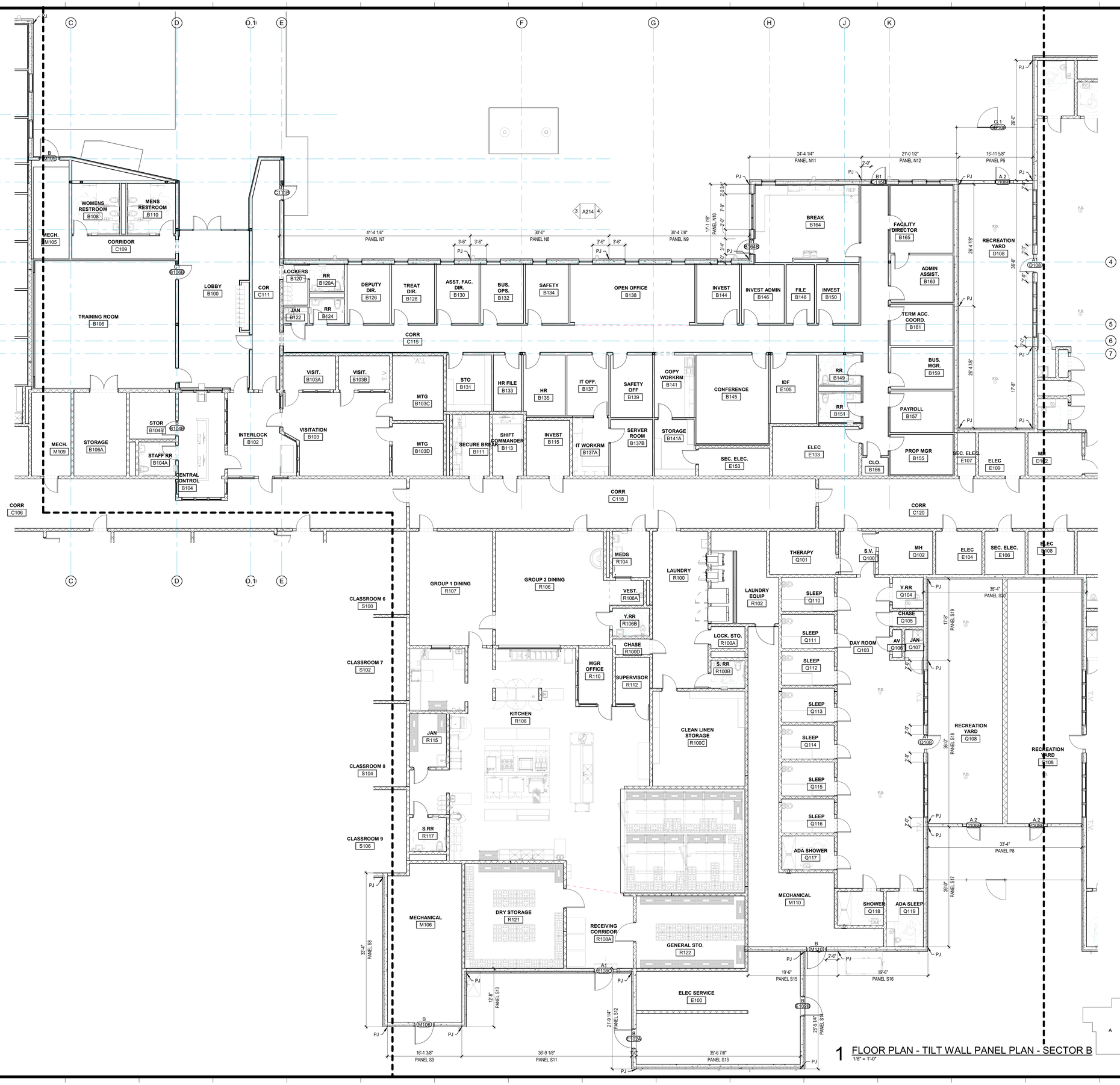
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT WALL PANEL PLAN - SECTOR A

SHEET NUMBER
A103a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/10/2026 1:25:23 PM



1 FLOOR PLAN - TILT WALL PANEL PLAN - SECTOR B
1/8" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR MANUFACTURER OR SUPPLIER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

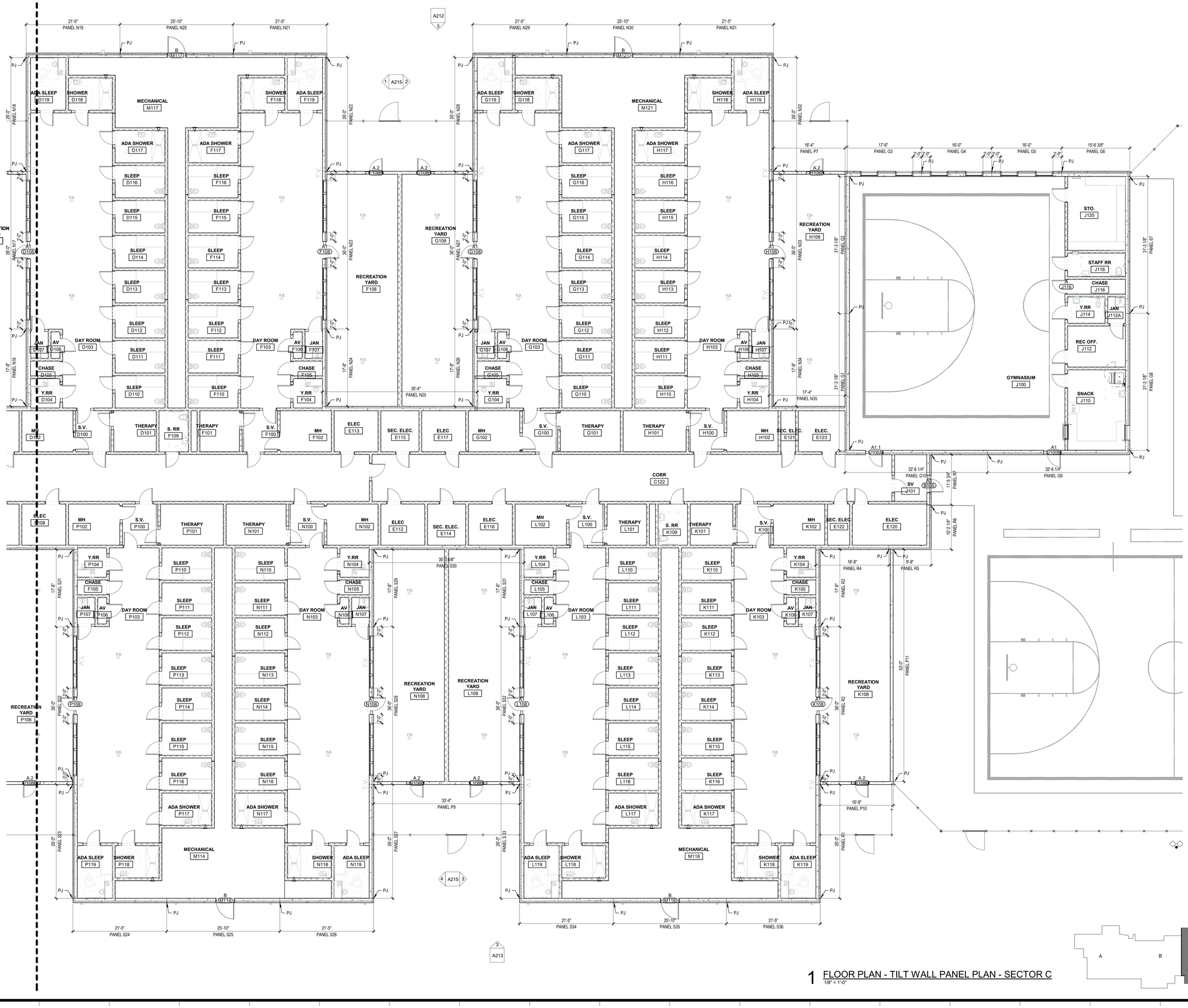
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

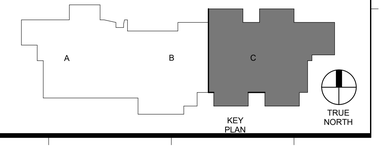
TILT WALL PANEL PLAN - SECTOR B

SHEET NUMBER
A103b

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:25:27 PM



1 FLOOR PLAN - TILT WALL PANEL PLAN - SECTOR C
1/8" = 1'-0"



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 1:29:39 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR MANUFACTURER OR SUPPLIER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

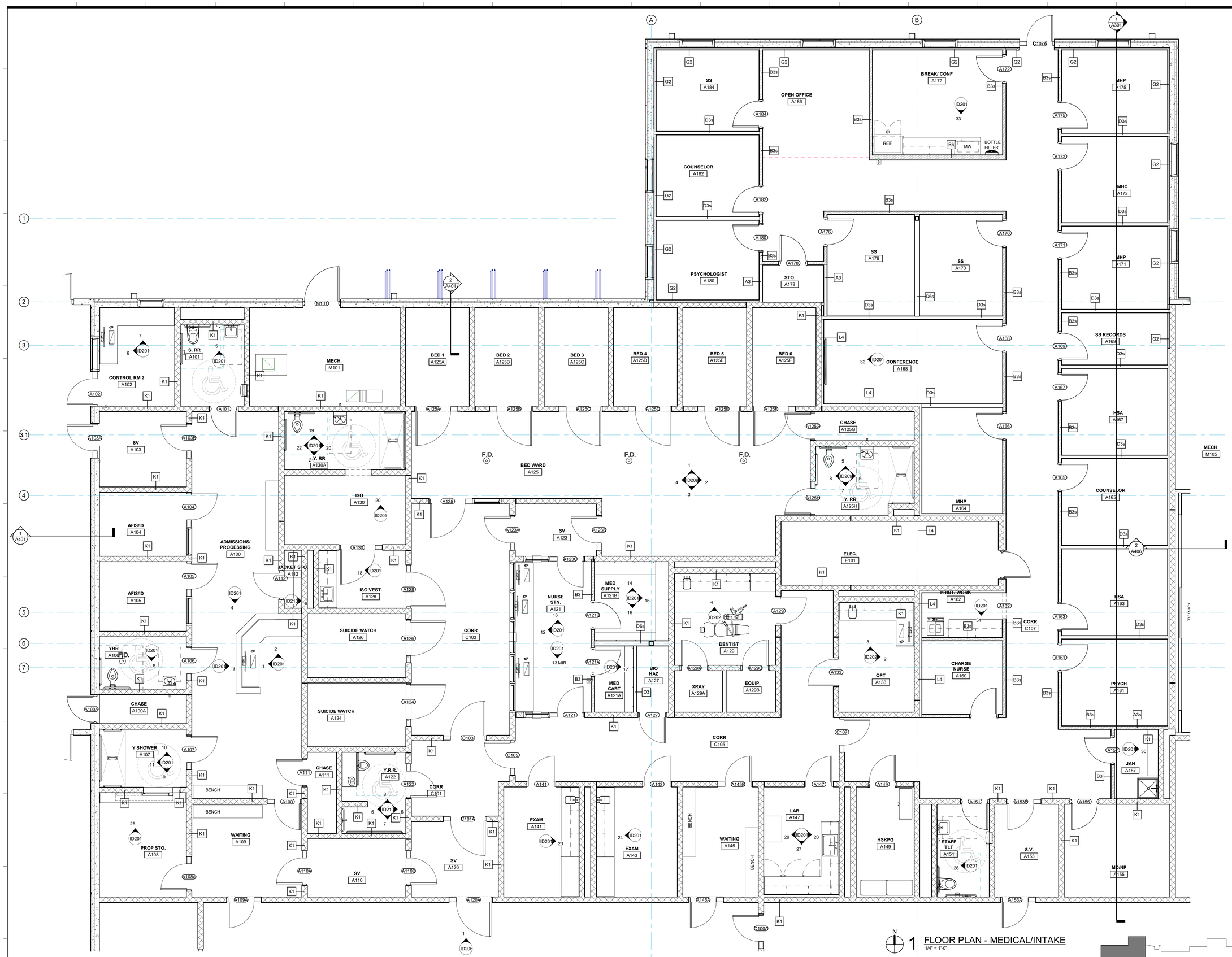
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

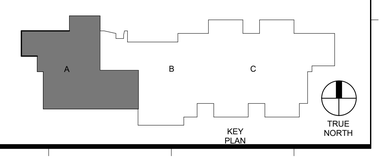
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT WALL PANEL PLAN - SECTOR C

SHEET NUMBER
A103c



1 FLOOR PLAN - MEDICAL/INTAKE
1/4" = 1'-0"



Grace Design Studios

GERALD DAVID HEBERT II LIC. No. 41787 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

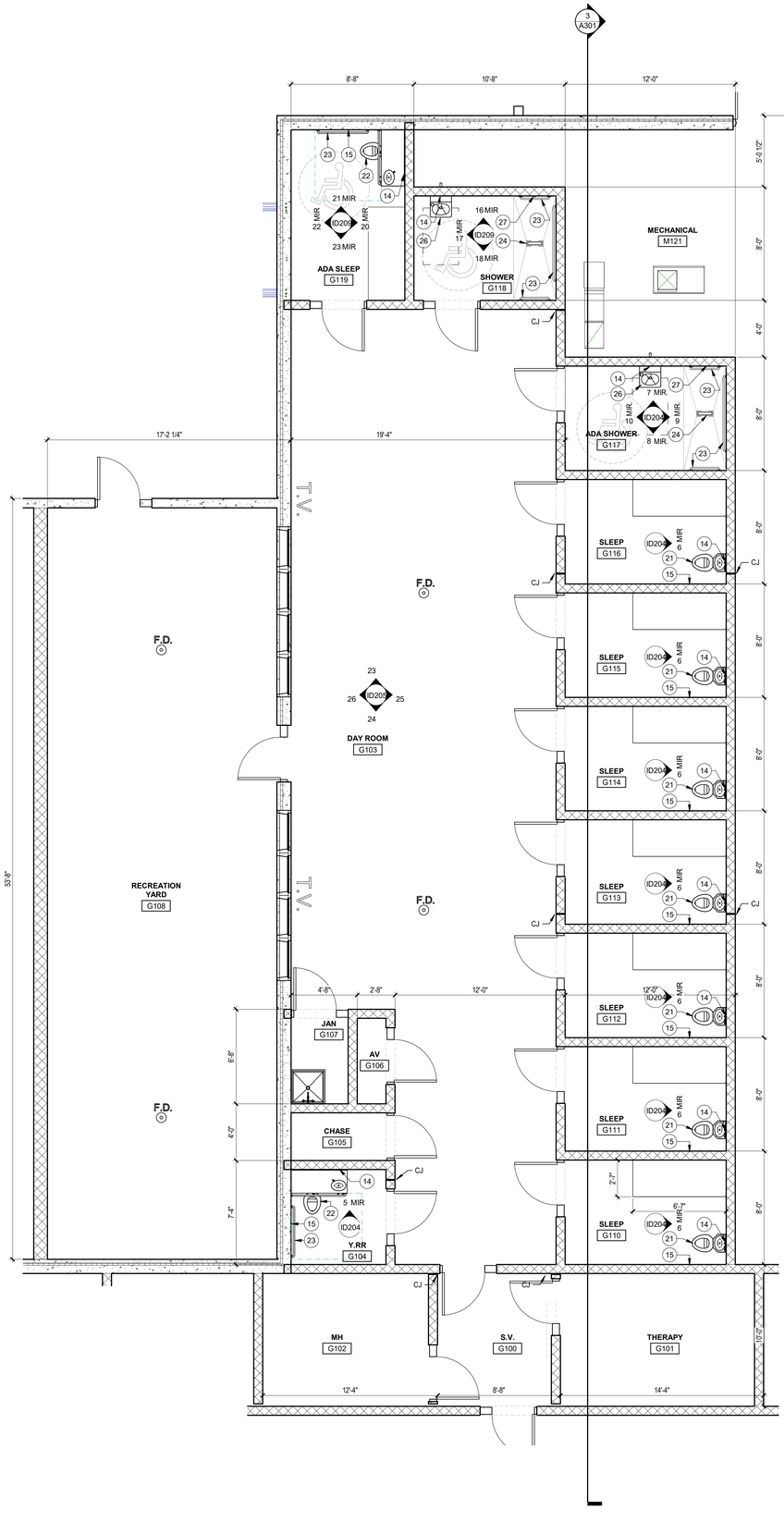
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

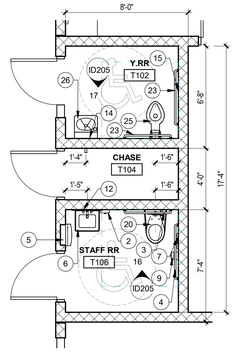
ENLARGED PLAN - MEDICAL

SHEET NUMBER
A111

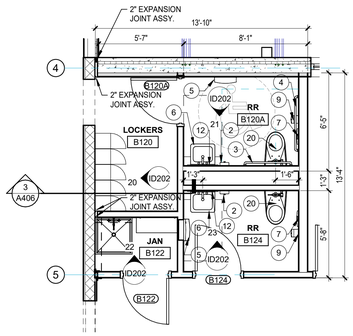
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2025 1:29:34 PM



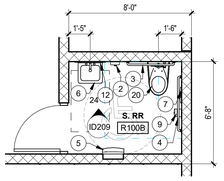
1 ENLARGED HOUSING PLAN - TYPICAL
1/4" = 1'-0"



2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

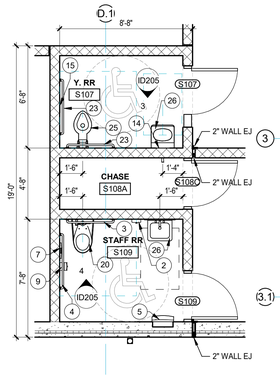


3 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

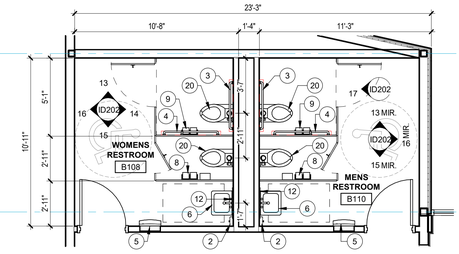


4 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

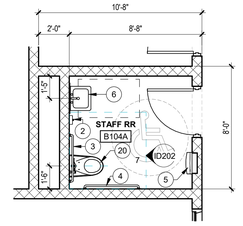
MARK	DESCRIPTION
1	PAPER TOWEL DISPENSER
2	SOAP DISPENSER
3	36" GRAB BAR
4	42" GRAB BAR
5	COMBINATION TOWEL DISPENSER/WASTE RECEPTACLE
6	LAVATORY
7	SANITARY NAPKIN DISPOSAL
8	DOUBLE TOILET TISSUE HOLDER W/ SHELF
9	TOILET PAPER DISPENSER
10	BROOM & MOP HOLDER STRIP
11	SHOWER CURTAIN ROD
12	FRAMED MIRROR
13	HORIZONTAL BABY CHANGING STATION
14	STAINLESS STEEL DETENTION MIRRORS
15	STAINLESS STEEL RECESSED TOILET PAPER HOLDERS
16	STAINLESS STEEL GRAB BARS
17	DETENTION STEEL SHELF WITH SAFETY HOOKS
18	STAINLESS STEEL SHELF WITH SAFETY HOOKS
20	TOILET
21	DETENTION TOILET/LAVATORY COMBO
22	DETENTION ADA TOILET/LAVATORY COMBO
23	ANTI LIGATURE DETENTION GRADE GRAB BARS
24	DETENTION SHOWER TRENCH DRAIN
25	DETENTION TOILET
26	DETENTION LAVATORY
27	DETENTION SHOWER FIXTURE



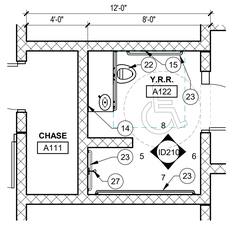
5 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



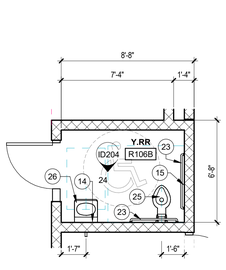
6 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



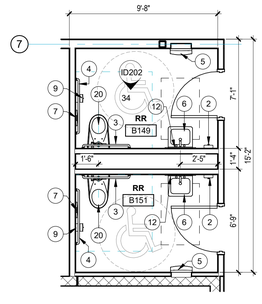
7 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



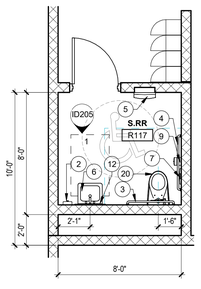
8 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



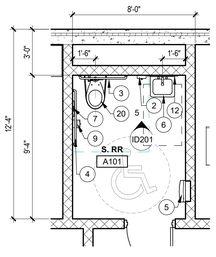
9 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



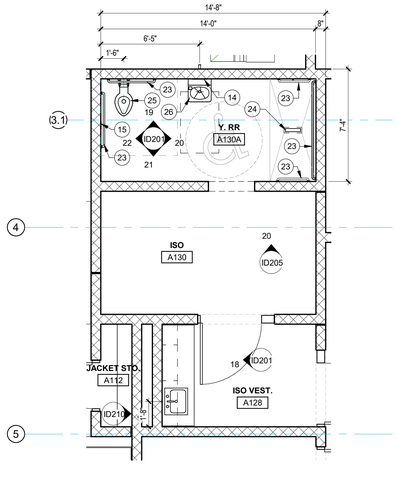
10 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



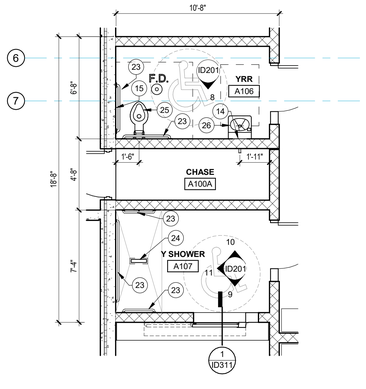
11 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



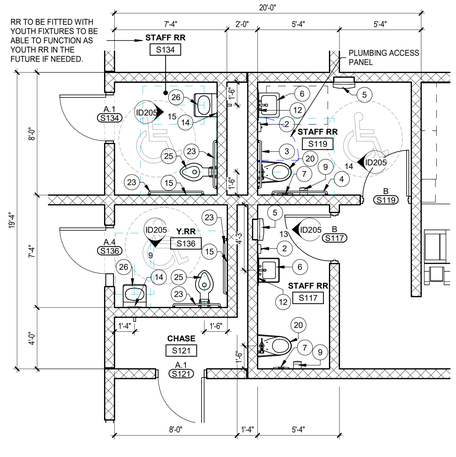
12 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



13 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



14 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



15 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

Grace
Design Studios

GERALD DAVID HEBERT II
LIC. No. 41907
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

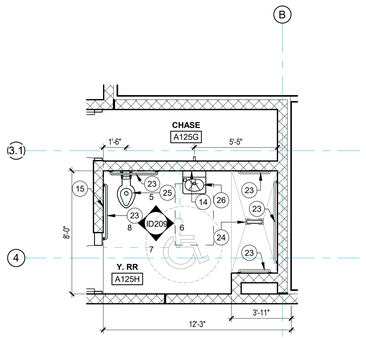
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

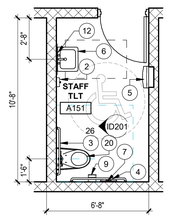
ENLARGED PLANS - HOUSING AND RESTROOMS

SHEET NUMBER
A112

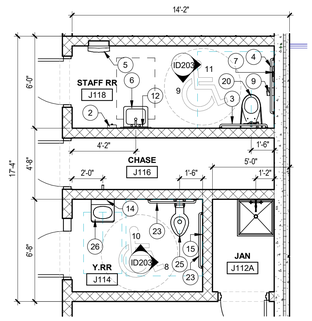
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:20:48 PM



1 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



3 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

MARK	DESCRIPTION
1	PAPER TOWEL DISPENSER
2	SOAP DISPENSER
3	36" GRAB BAR
4	42" GRAB BAR
5	COMBINATION TOWEL DISPENSER/WASTE RECEPTACLE
6	LAVATORY
7	SANITARY NAPKIN DISPOSAL
8	DOUBLE TOILET TISSUE HOLDER W/ SHELF
9	TOILET PAPER DISPENSER
10	BROOM & MOP HOLDER STRIP
11	SHOWER CURTAIN ROD
12	FRAMED MIRROR
13	HORIZONTAL BABY CHANGING STATION
14	STAINLESS STEEL DETENTION MIRRORS
15	STAINLESS STEEL RECESSED TOILET PAPER HOLDERS
16	STAINLESS STEEL GRAB BARS
17	DETENTION STEEL SHELF WITH SAFETY HOOKS
18	STAINLESS STEEL SHELF WITH SAFETY HOOKS
20	TOILET
21	DETENTION TOILET/LAVATORY COMBO
22	DETENTION ADA TOILET/LAVATORY COMBO
23	ANTI LIGATURE DETENTION GRADE GRAB BARS
24	DETENTION SHOWER TRENCH DRAIN
25	DETENTION TOILET
26	DETENTION LAVATORY
27	DETENTION SHOWER FIXTURE

TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:29:42 PM

Grace Design Studios

GERALD DAVID HERBERT II
REG. No. 41797
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

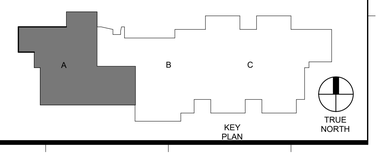
ENLARGED PLANS - RESTROOMS

SHEET NUMBER
A113

1 CLERESTORY/UPPER WINDOW PLAN SECTOR A

1/8" = 1'-0"

PLAN NOTES:
1. THIS PLAN IS INTENDED TO ILLUSRATE WINDOW LOCATIONS WITHIN TILT-WALL CONSTRUCTION. SURROUNDING CONSTRUCTION IS OMITTED FROM THIS DRAWING FOR CLARITY.
2. REFER TO EXTERIOR BUILDING ELEVATIONS FOR WINDOW ELEVATION WITHIN THE WALL ASSEMBLY.



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:44 PM

Grace
Design Studios

GERALD DAVID HEBERT II
LIC. No. 41797
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

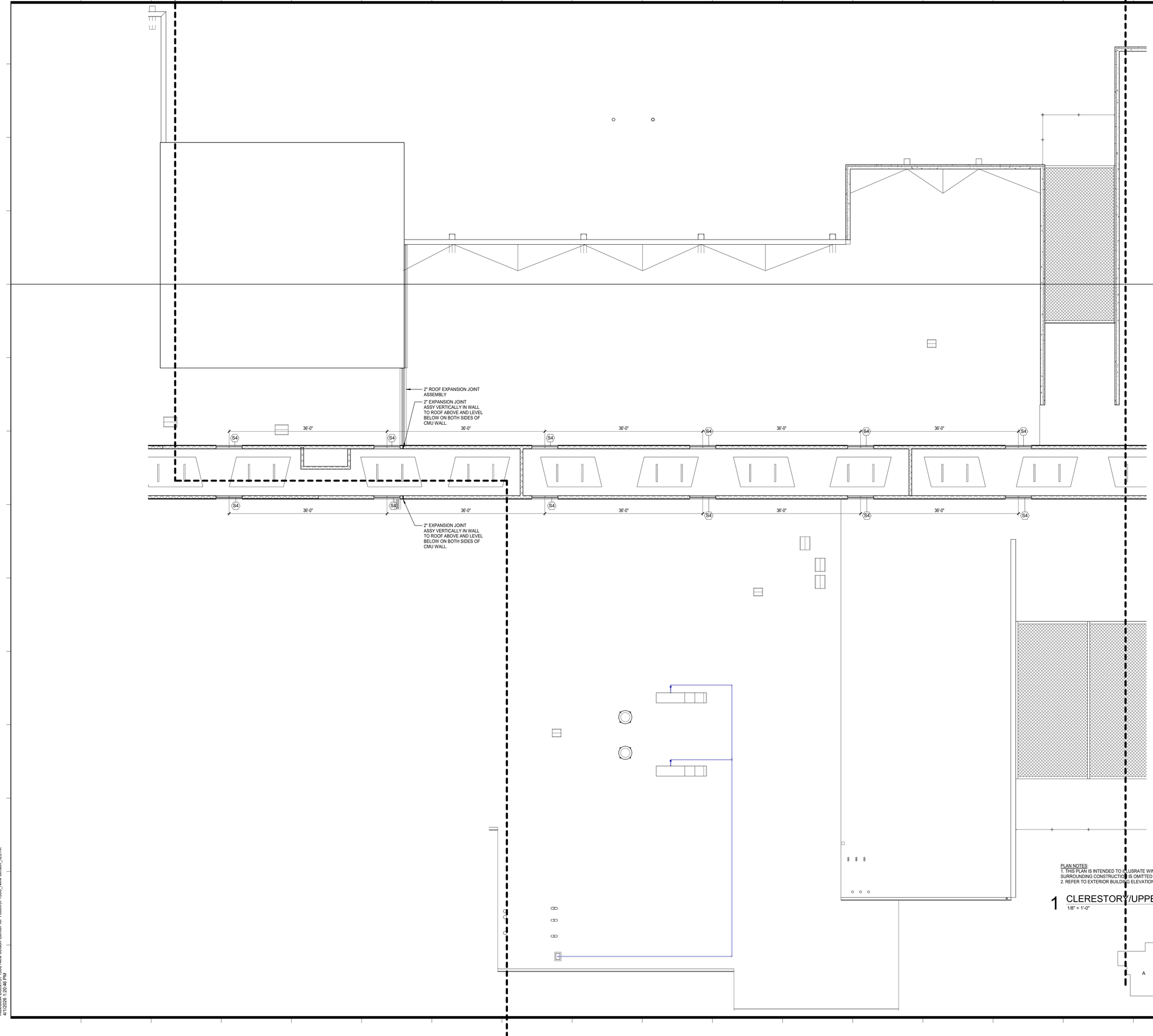
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

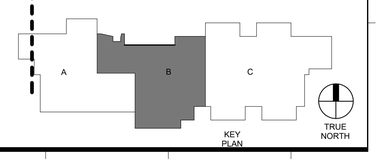
CLERESTORY AND HIGH WINDOW PLANS - SECTOR A

SHEET NUMBER
A114



PLAN NOTES:
1. THIS PLAN IS INTENDED TO ILLUSRATE WINDOW LOCATIONS WITHIN TILT-WALL CONSTRUCTION. SURROUNDING CONSTRUCTION IS OMITTED FROM THIS DRAWING FOR CLARITY.
2. REFER TO EXTERIOR BUILDING ELEVATIONS FOR WINDOW ELEVATION WITHIN THE WALL ASSEMBLY.

1 CLERESTORY/UPPER WINDOW PLAN SECTOR B
1/8" = 1'-0"



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 2:04:37 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

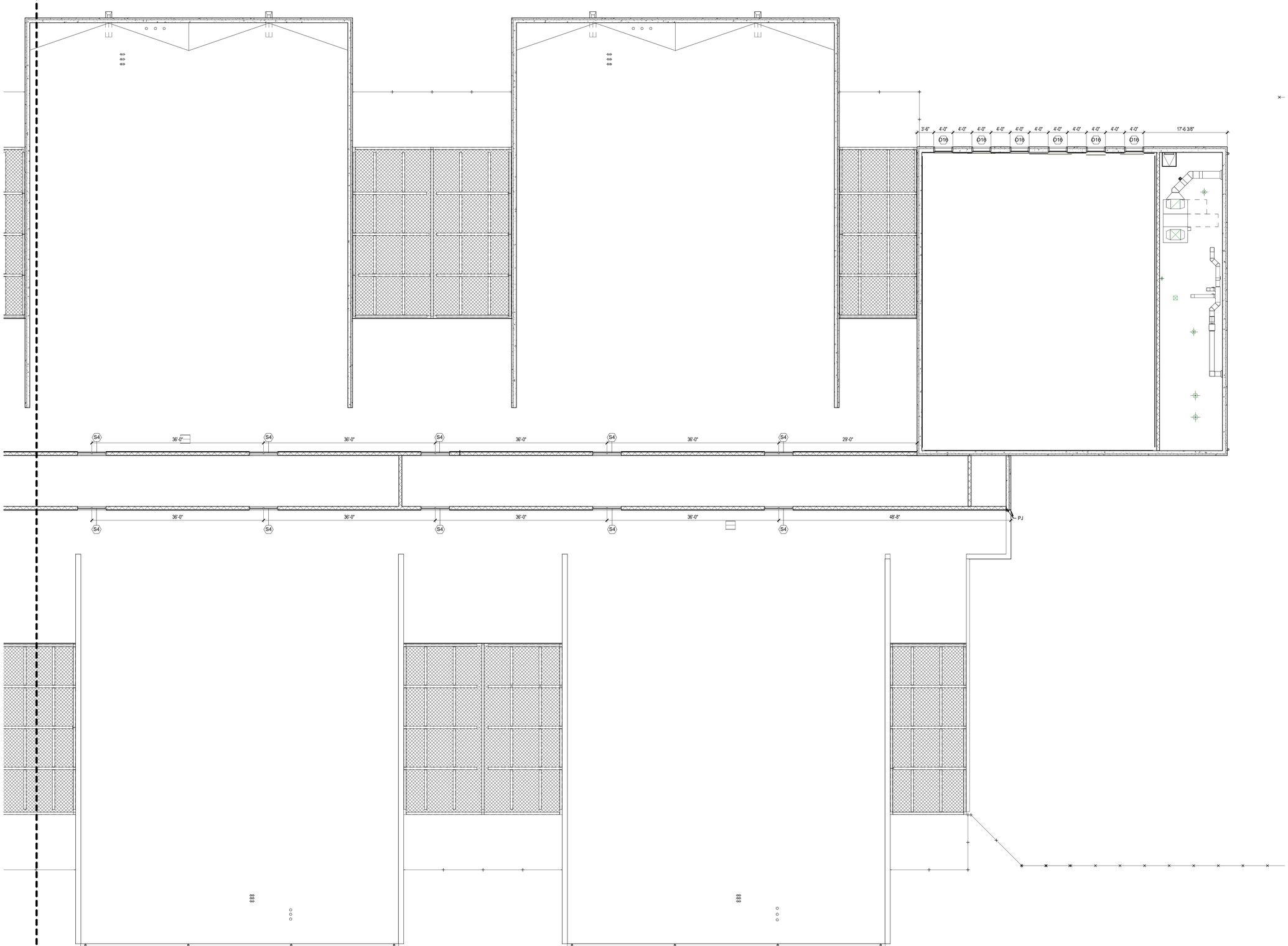
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CLERESTORY AND HIGH WINDOW PLANS - SECTOR B

SHEET NUMBER
A115



1 CLERESTORY/UPPER WINDOW PLAN SECTOR C
1/8" = 1'-0"

PLAN NOTES:
1. THIS PLAN IS INTENDED TO ILLUSRATE WINDOW LOCATIONS WITHIN TILT-WALL CONSTRUCTION. SURROUNDING CONSTRUCTION IS OMITTED FROM THIS DRAWING FOR CLARITY.
2. REFER TO EXTERIOR BUILDING ELEVATIONS FOR WINDOW ELEVATION WITHIN THE WALL ASSEMBLY.

Grace
Design Studios

GERARD DAVID HEBERT II
LICENSE No. 41878
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

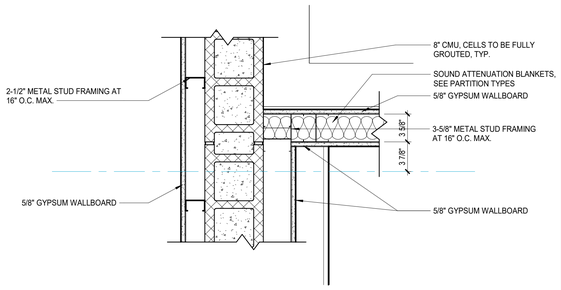
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR
PROJECT NO: 571506

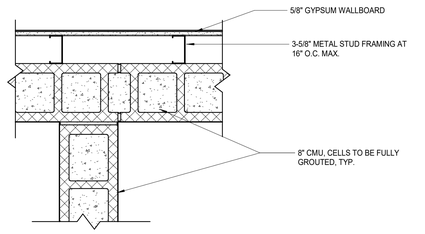
CLERESTORY AND HIGH WINDOW PLANS - SECTOR C

SHEET NUMBER
A116

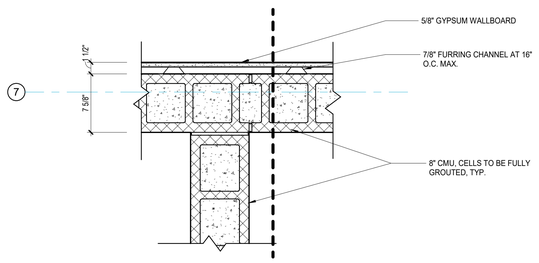
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 3:56:48 PM



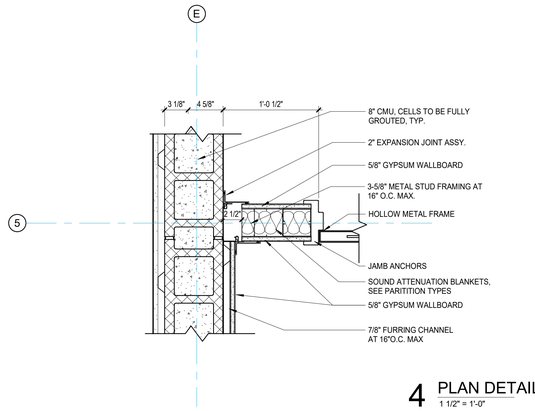
1 PLAN DETAIL
1 1/2" = 1'-0"



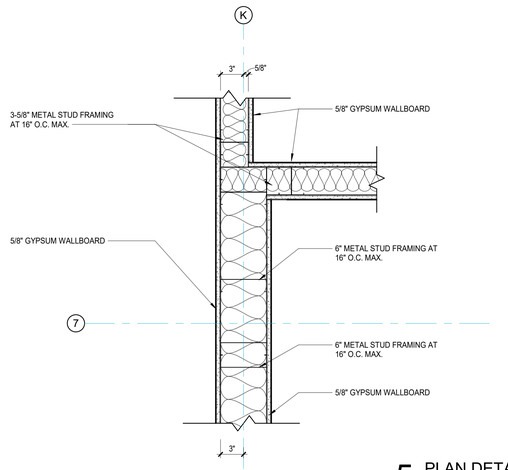
2 PLAN DETAIL
1 1/2" = 1'-0"



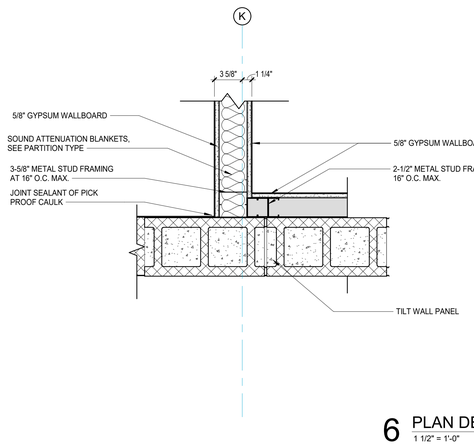
3 PLAN DETAIL
1 1/2" = 1'-0"



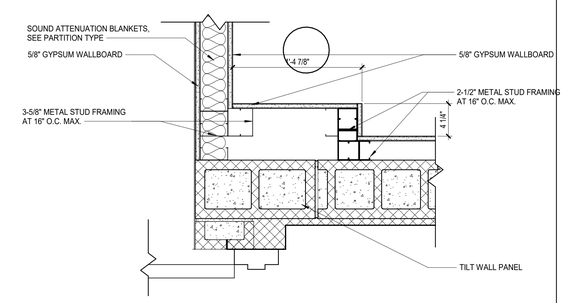
4 PLAN DETAIL
1 1/2" = 1'-0"



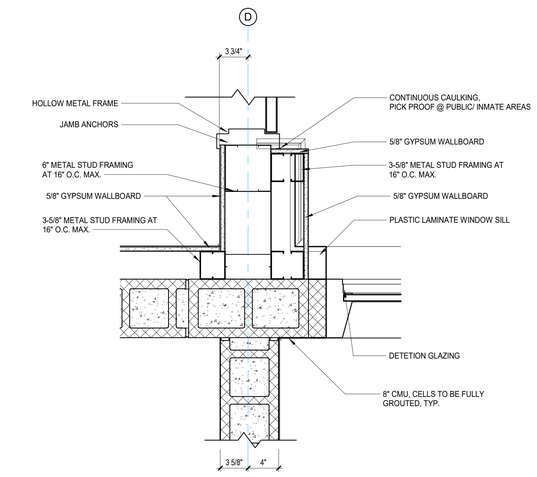
5 PLAN DETAIL
1 1/2" = 1'-0"



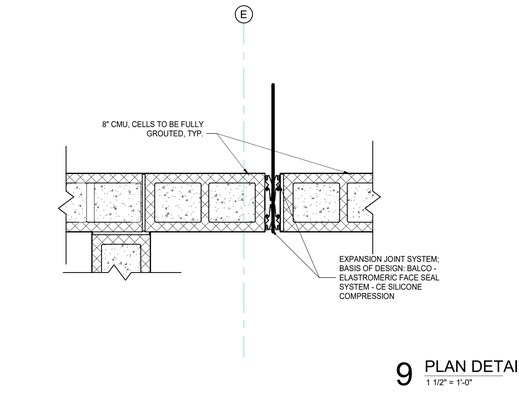
6 PLAN DETAIL
1 1/2" = 1'-0"



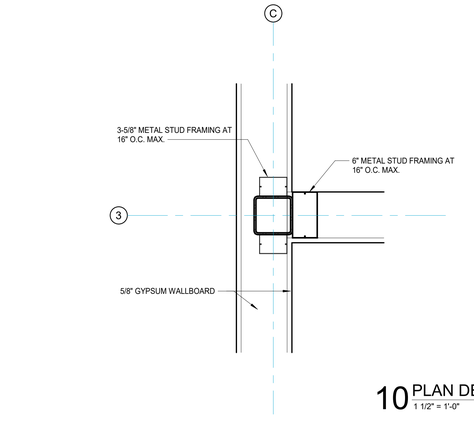
7 PLAN DETAIL
1 1/2" = 1'-0"



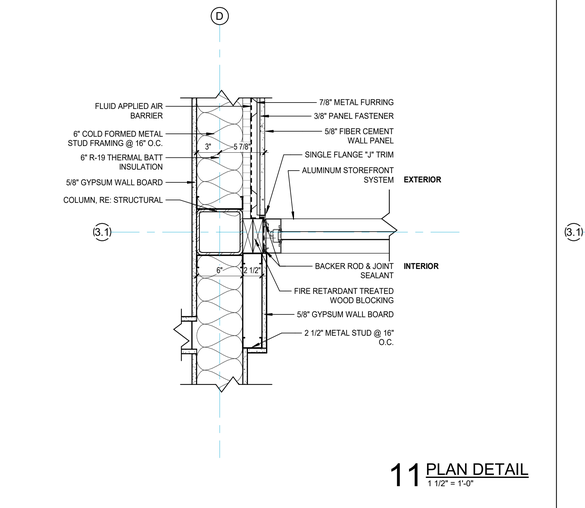
8 PLAN DETAIL
1 1/2" = 1'-0"



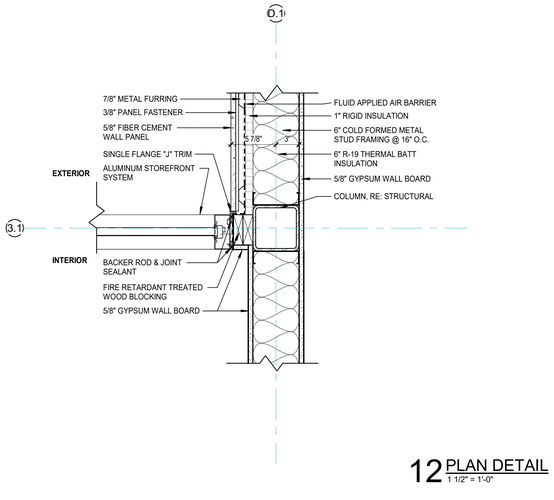
9 PLAN DETAIL
1 1/2" = 1'-0"



10 PLAN DETAIL
1 1/2" = 1'-0"



11 PLAN DETAIL
1 1/2" = 1'-0"



12 PLAN DETAIL
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2026 1:23:51 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

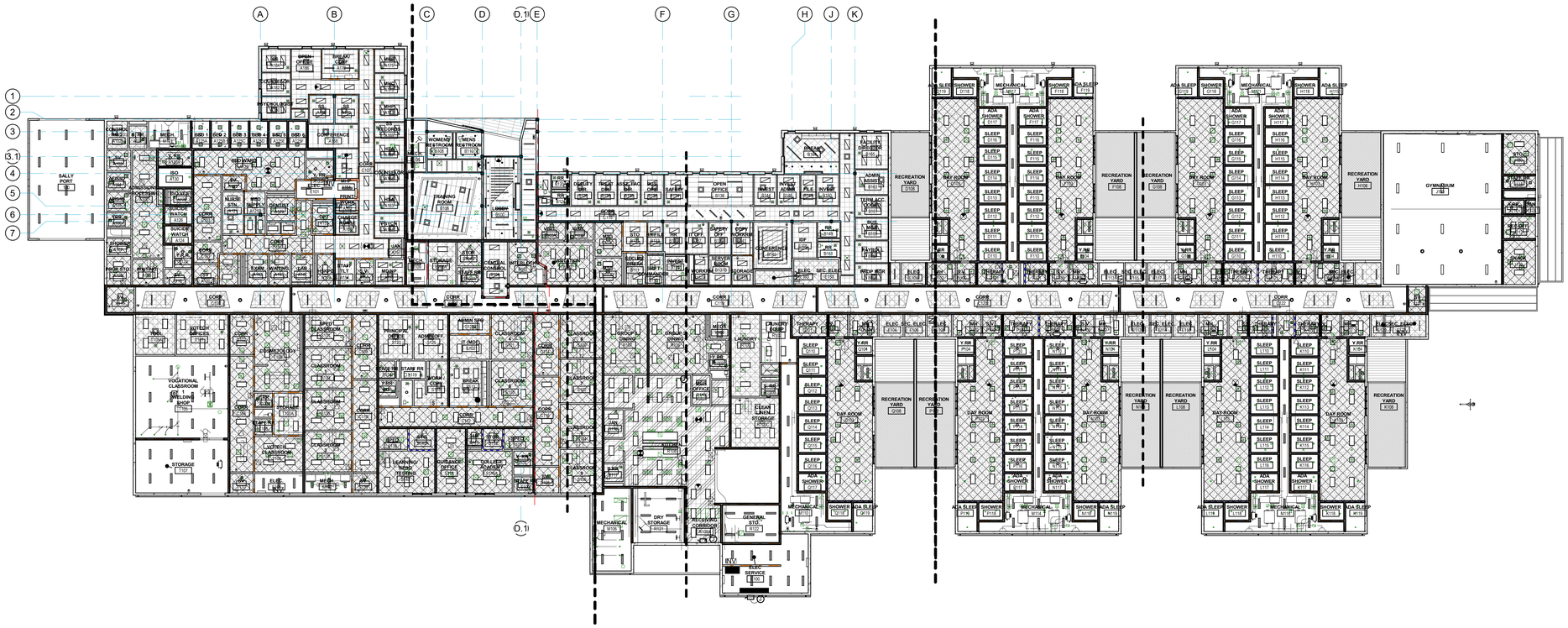
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

PLAN DETAILS

SHEET NUMBER
A121

INTERIOR RCP FINISH KEY

MARK	MATERIAL TYPE	MANUFACTURER	IDENTIFICATION	COLOR	SIZE	INSTALLATION	NOTES	CONTACT
ACOUSTICAL CEILING								
AC-1	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	ULTIMA #1940 LAY-IN	TILE: WHITE GRID: WHITE	2' X 2' X 7/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	ADMIN AREA PROVIDE HOLD DOWN CLIPS WHERE NOTED ON RCP LEGEND.	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-2	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	CANYON #1490 LAY-IN	TILE: WHITE GRID: WHITE	2' X 2' X 5/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	PROVIDE HOLD DOWN CLIPS; TYP UNLESS NOTED OTHERWISE	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-3	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	ULTIMA #1435 LAY-IN	TILE: WHITE GRID: WHITE	2' X 6' X 7/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	ADMIN AREA	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-4	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	CLEAN ROOM VL UNPERFORATED #858	TILE: WHITE GRID: WHITE	2' X 2' X 5/8"	CLEAN ROOM 15/16" SUSPENSION GRID SYSTEM	PROVIDE HOLD DOWN CLIPS; TYP	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-5	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	LYRA PB #8361 SQUARE TEGULAR	TILE: HONEY OAK GRID: BLACK	24" X 24" X 1"	9/16" SUPRAFINE SUSPENSION SYSTEM	CONFERENCE ROOM B145	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
LINEAR WOOD CEILING								
LWC-1	LINEAR WOOD CEILING	TURF	BEAM	D06 PLANKED OAK	3"W X 8"D	CABLE SUSPENDED, ATTACHED TO DECK	LOBBY	JAMES MEZZACAPPA JIM@MEZZDESIGN.COM
LWC-2	LINEAR WOOD CEILING	TURF	BEAM LED	D06 PLANKED OAK	3"W X 8"D	CABLE SUSPENDED, ATTACHED TO DECK	LOBBY	JAMES MEZZACAPPA JIM@MEZZDESIGN.COM



1 RCP - OVERALL
3/64" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS WITH REGULAR EDGE TO MATCH MANUFACTURERS' EDGE AS REQUIRED.
2. CENTER LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS AND OTHER CEILING MOUNTED FIXTURES IN PANELS.
3. ALL GYPSUM BOARD CEILING SHALL BE 5/8" WITH METAL FURRING @ 16" O.C.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH DUCTWORK OR MECHANICAL ITEMS.
5. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE
6. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
7. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.
8. ALL GYP CEILINGS LOCATED IN WET LOCATIONS TO HAVE EPOXY FINISH.
9. ALL CEILING ACCESS PANELS & PLATES SHALL BE PAINTED TO MATCH ADJACENT CEILING.
10. ALL GYPSUM CEILINGS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED
11. ALL FURR-DOWNS TO BE PAINTED ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
12. ALL ROOMS WITH "CONC" CEILINGS TO BE PAINTED P-2; TYP

REFLECTED CEILING PLAN LEGEND

CEILING FINISH LEGEND

RE: FINISH KEY ON SHEET A141 FOR FINISH INFORMATION

- AC-1; 2' X 2'
- AC-2; 2' X 2' W/HOLD DOWN CLIPS
- AC-3; 2' X 6'
- AC-4; 2' X 2'
- AC-5
- CONCRETE CAP PAINTED **P-2** TYPICAL
- GYP BOARD, PAINTED **P-2** UNLESS OTHERWISE NOTED
- LWC-1 3"W x 8"D
- LWC-2 3"W x 8"D
- GYP BOARD; IMPACT RESISTANT, W/ METAL MESH ABOVE; PAINT FINISH AS INDICATED ON RCPS

CEILING SYMBOL LEGEND

- 00'-00" / XX-00 — CEILING HEIGHT / CEILING FINISH
- 2'x4' RECESSED FLANGED LED, CORRECTIONAL-GRADE SECURITY FIXTURE
- 2'x4' RECESSED LED PANEL FIXTURE
- 4'L LED PENDANT/SURFACE MOUNT; VANDAL RESISTANT AS REQ PER LOCATION.
- DOWN LIGHT
- RECESSED 4'W LINEAR FIXTURE; CONTINUOUS LED VANDAL RESISTANT AS REQ PER LOCATION.
- PENDANT-MOUNT LED; HIGH BAY FIXTURE; LED
- 12" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE
- 9" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE; SHOWER GRADE
- SUSPENDED MOUNTED, LINEAR, LED, HIGH BAY FIXTURE, WIRE GUARD
- SUPPLY AIR DIFFUSER; RE: MECH FOR SIZE INFO
- RETURN AIR GRILLE; RE: MECH FOR SIZE INFO
- EXIT SIGN
- EXTERIOR WALL PACK
- ACCESS PANEL W/ LOCK, PAINT TO MATCH ADJ CEILING

NOTE: RE: ELECTRICAL FOR ADDITIONAL INFORMATION

RCP KEYNOTES

1. EXPOSED CEILING
2. C100,C106, C118, C120, & C122; ALL CLOUDS TO BE AC-2 WITHOUT HOLD DOWN CLIPS. CLOUDS TO HAVE 4" AXIOM TRIM (SILVER SATIN). RE: RCP FOR INSTALL HEIGHT A.F.F.; PAINT EXPOSED STRUCTURE AND MEP IN CORRIDOR P-1
3. PROVIDE GYP SOFFIT TO MEET TOP OF UPPER CABINET IN ROOM; TO BE PAINTED TO MATCH FACE OF SOFFIT UNLESS NOTED OTHERWISE; RE: 1/A143; TYP
4. PROVIDE HOLD DOWN CLIPS IN THIS ROOM
5. NOT USED
6. EXPOSED CEILING; ALL EXPOSED STRUCTURE AND MEP TO BE PAINTED P-2; UNLESS OTHERWISE NOTED
7. MP-1: PAC CLAD CONCEALED FASTENER FORMED METAL SOFFIT PANEL
8. (REC YARD) NO CEILING; CHAIN LINK FENCE

Grace Design Studios

GERARD DAVID HEBERT II LICENSE No. 41933 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

REFLECTED CEILING PLAN - OVERALL

SHEET NUMBER
A141

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2026 12:39 PM

1 RCP - SECTOR A
1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS WITH REGULAR EDGE TO MATCH MANUFACTURERS' EDGE AS REQUIRED.
2. CENTER LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS AND OTHER CEILING MOUNTED FIXTURES IN PANELS.
3. ALL GYPSUM BOARD CEILING SHALL BE 5/8" WITH METAL FURRING @ 16" O.C.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH DUCTWORK OR MECHANICAL ITEMS.
5. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE.
6. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
7. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.
8. ALL GYP CEILINGS LOCATED IN WET LOCATIONS TO HAVE EPOXY FINISH.
9. ALL CEILING ACCESS PANELS & PLATES SHALL BE PAINTED TO MATCH ADJACENT CEILING.
10. ALL GYPSUM CEILINGS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED
11. ALL FURR-DOWNS TO BE PAINTED ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
12. ALL ROOMS WITH "CONC" CEILINGS TO BE PAINTED P-2; TYP

REFLECTED CEILING PLAN LEGEND

CEILING FINISH LEGEND

RE: FINISH KEY ON SHEET A141 FOR FINISH INFORMATION

- AC-1; 2' X 2'
- AC-2; 2' X 2' W/HOLD DOWN CLIPS
- AC-3; 2' X 6'
- AC-4; 2' X 2'
- AC-5
- CONCRETE CAP PAINTED P-2 TYPICAL
- GYP BOARD, PAINTED P-2 UNLESS OTHERWISE NOTED
- LWC-1 3"W x 8"D
- LWC-2 3"W x 8"D
- GYP BOARD; IMPACT RESISTANT, W/ METAL MESH ABOVE; PAINT FINISH AS INDICATED ON RCPS

CEILING SYMBOL LEGEND

- 00'-00" / XX-00 — CEILING HEIGHT / CEILING FINISH
- 2'x4' RECESSED FLANGED LED, CORRECTIONAL-GRADE SECURITY FIXTURE
- 2'x4' RECESSED LED PANEL FIXTURE
- 4'L LED PENDANT/SURFACE MOUNT; VANDAL RESISTANT AS REQ PER LOCATION.
- DOWN LIGHT
- RECESSED 4"W LINEAR FIXTURE; CONTINUOUS LED ;VANDAL RESISTANT AS REQ PER LOCATION.
- PENDANT-MOUNT LED; HIGH BAY FIXTURE; LED
- 12" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE
- 9" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE; SHOWER GRADE
- SUSPENDED MOUNTED, LINEAR, LED, HIGH BAY FIXTURE, WIRE GUARD
- SUPPLY AIR DIFFUSER; RE: MECH FOR SIZE INFO
- RETURN AIR GRILLE; RE: MECH FOR SIZE INFO
- EXIT SIGN
- EXTERIOR WALL PACK
- ACCESS PANEL W/ LOCK, PAINT TO MATCH ADJ CEILING

NOTE: RE: ELECTRICAL FOR ADDITIONAL INFORMATION

RCP KEYNOTES

1. EXPOSED CEILING
2. C100,C105, C118, C120, & C122; ALL CLOUDS TO BE AC-2 WITHOUT HOLD DOWN CLIPS. CLOUDS TO HAVE 4" AXIOM TRIM (SILVER SATIN). RE: RCP FOR INSTALL HEIGHT A.F.F.; PAINT EXPOSED STRUCTURE AND MEP IN CORRIDOR P-1
3. PROVIDE GYP SOFFIT TO MEET TOP OF UPPER CABINET IN ROOM; TO BE PAINTED TO MATCH FACE OF SOFFIT UNLESS NOTED OTHERWISE; RE: 1/A143; TYP
4. PROVIDE HOLD DOWN CLIPS IN THIS ROOM
5. NOT USED
6. EXPOSED CEILING; ALL EXPOSED STRUCTURE AND MEP TO BE PAINTED P-2; UNLESS OTHERWISE NOTED
7. MP-V; PAC CLAD CONCEALED FASTENER FORMED METAL SOFFIT PANEL
8. (REC YARD) NO CEILING; CHAIN LINK FENCE

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

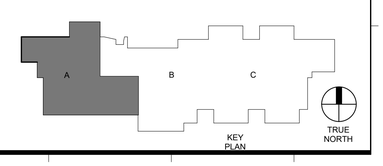
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

REFLECTED CEILING PLAN - SECTOR A

SHEET NUMBER: A141a



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 12:08 PM

1 RCP - SECTOR B
1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS WITH REGULAR EDGE TO MATCH MANUFACTURERS' EDGE AS REQUIRED.
2. CENTER LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS AND OTHER CEILING MOUNTED FIXTURES IN PANELS.
3. ALL GYPSUM BOARD CEILING SHALL BE 5/8" WITH METAL FURRING @ 16" O.C.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH DUCTWORK OR MECHANICAL ITEMS.
5. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE.
6. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
7. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.
8. ALL GYP CEILINGS LOCATED IN WET LOCATIONS TO HAVE EPOXY FINISH.
9. ALL CEILING ACCESS PANELS & PLATES SHALL BE PAINTED TO MATCH ADJACENT CEILING.
10. ALL GYPSUM CEILINGS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED
11. ALL FURR-DOWNS TO BE PAINTED ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
12. ALL ROOMS WITH "CONC" CEILINGS TO BE PAINTED P-2; TYP

REFLECTED CEILING PLAN LEGEND

CEILING FINISH LEGEND

RE: FINISH KEY ON SHEET A141 FOR FINISH INFORMATION

- AC-1; 2' X 2'
- AC-2; 2' X 2' W/HOLD DOWN CLIPS
- AC-3; 2' X 6'
- AC-4; 2' X 2'
- AC-5
- CONCRETE CAP PAINTED P-2 TYPICAL
- GYP BOARD, PAINTED P-2 UNLESS OTHERWISE NOTED
- LWC-1 3"W x 8"D
- LWC-2 3"W x 8"D
- GYP BOARD; IMPACT RESISTANT, W/ METAL MESH ABOVE; PAINT FINISH AS INDICATED ON RCPS

CEILING SYMBOL LEGEND

- 00'-00" / XX-00 — CEILING HEIGHT / CEILING FINISH
- 2'x4' RECESSED FLANGED LED, CORRECTIONAL-GRADE SECURITY FIXTURE
- 2'x4' RECESSED LED PANEL FIXTURE
- 4'L LED PENDANT/SURFACE MOUNT; VANDAL RESISTANT AS REQ PER LOCATION.
- DOWN LIGHT
- RECESSED 4"W LINEAR FIXTURE; CONTINUOUS LED ;VANDAL RESISTANT AS REQ PER LOCATION.
- PENDANT-MOUNT LED; HIGH BAY FIXTURE; LED
- 12" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE
- 9" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE; SHOWER GRADE
- SUSPENDED MOUNTED, LINEAR, LED, HIGH BAY FIXTURE, WIRE GUARD
- SUPPLY AIR DIFFUSER; RE: MECH FOR SIZE INFO
- RETURN AIR GRILLE; RE: MECH FOR SIZE INFO
- EXIT SIGN
- EXTERIOR WALL PACK
- ACCESS PANEL W/ LOCK, PAINT TO MATCH ADJ CEILING

NOTE: RE: ELECTRICAL FOR ADDITIONAL INFORMATION

RCP KEYNOTES

1. EXPOSED CEILING
2. C100,C106, C118, C120, & C122; ALL CLOUDS TO BE AC-2 WITHOUT HOLD DOWN CLIPS. CLOUDS TO HAVE 4" AXIOM TRIM (SILVER SATIN). RE: RCP FOR INSTALL HEIGHT A.F.F.; PAINT EXPOSED STRUCTURE AND MEP IN CORRIDOR P-1.
3. PROVIDE GYP SOFFIT TO MEET TOP OF UPPER CABINET IN ROOM; TO BE PAINTED TO MATCH FACE OF SOFFIT UNLESS NOTED OTHERWISE; RE: 1/A143; TYP
4. PROVIDE HOLD DOWN CLIPS IN THIS ROOM
5. NOT USED
6. EXPOSED CEILING; ALL EXPOSED STRUCTURE AND MEP TO BE PAINTED P-2; UNLESS OTHERWISE NOTED
7. MP-1; PAC CLAD CONCEALED FASTENER FORMED METAL SOFFIT PANEL
8. (REC YARD) NO CEILING; CHAIN LINK FENCE

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

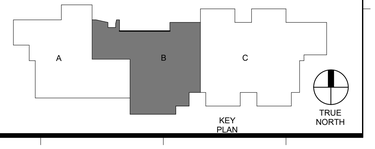
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

REFLECTED CEILING PLAN - SECTOR B

SHEET NUMBER
A141b



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 12:15:19 PM

REFLECTED CEILING PLAN NOTES

1. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS WITH REGULAR EDGE TO MATCH MANUFACTURERS' EDGE AS REQUIRED.
2. CENTER LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS AND OTHER CEILING MOUNTED FIXTURES IN PANELS.
3. ALL GYPSUM BOARD CEILING SHALL BE 5/8" WITH METAL FURRING @ 16" O.C.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH DUCTWORK OR MECHANICAL ITEMS.
5. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE.
6. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
7. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.
8. ALL GYP CEILINGS LOCATED IN WET LOCATIONS TO HAVE EPOXY FINISH.
9. ALL CEILING ACCESS-PANELS & PLATES SHALL BE PAINTED TO MATCH ADJACENT CEILING.
10. ALL GYPSUM CEILINGS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED
11. ALL FURR-DOWNS TO BE PAINTED ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
12. ALL ROOMS WITH "CONC" CEILINGS TO BE PAINTED P-2; TYP

REFLECTED CEILING PLAN LEGEND

CEILING FINISH LEGEND

RE: FINISH KEY ON SHEET A141 FOR FINISH INFORMATION

- AC-1; 2' X 2'
- AC-2; 2' X 2' W/HOLD DOWN CLIPS
- AC-3; 2' X 6'
- AC-4; 2' X 2'
- AC-5
- CONCRETE CAP PAINTED P-2 TYPICAL
- GYP BOARD, PAINTED P-2 UNLESS OTHERWISE NOTED
- LWC-1 3"W x 8"D
- LWC-2 3"W x 8"D
- GYP BOARD; IMPACT RESISTANT, W/ METAL MESH ABOVE; PAINT FINISH AS INDICATED ON RCPS

CEILING SYMBOL LEGEND

- 00'-00" / XX-00 — CEILING HEIGHT / CEILING FINISH
- 2'x4' RECESSED FLANGED LED, CORRECTIONAL-GRADE SECURITY FIXTURE
- 2'x4' RECESSED LED PANEL FIXTURE
- 4'L LED PENDANT/SURFACE MOUNT; VANDAL RESISTANT AS REQ PER LOCATION.
- DOWN LIGHT
- RECESSED 4"W LINEAR FIXTURE; CONTINUOUS LED ;VANDAL RESISTANT AS REQ PER LOCATION.
- PENDANT-MOUNT LED; HIGH BAY FIXTURE; LED
- 12" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE
- 9" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE; SHOWER GRADE
- SUSPENDED MOUNTED, LINEAR, LED, HIGH BAY FIXTURE, WIRE GUARD
- SUPPLY AIR DIFFUSER; RE: MECH FOR SIZE INFO
- RETURN AIR GRILLE; RE: MECH FOR SIZE INFO
- EXIT SIGN
- EXTERIOR WALL PACK
- ACCESS PANEL W/ LOCK, PAINT TO MATCH ADJ CEILING

NOTE: RE: ELECTRICAL FOR ADDITIONAL INFORMATION

RCP KEYNOTES

1. EXPOSED CEILING
2. C100;C106, C118, C120, & C122; ALL CLOUDS TO BE AC-2 WITHOUT HOLD DOWN CLIPS. CLOUDS TO HAVE 4" AXIOM TRIM (SILVER SATIN). RE: RCP FOR INSTALL HEIGHT A.F.F.; PAINT EXPOSED STRUCTURE AND MEP IN CORRIDOR P-1.
3. PROVIDE GYP SOFFIT TO MEET TOP OF UPPER CABINET IN ROOM. TO BE PAINTED TO MATCH FACE OF SOFFIT UNLESS NOTED OTHERWISE; RE: 1/A143; TYP
4. PROVIDE HOLD DOWN CLIPS IN THIS ROOM
5. NOT USED
6. EXPOSED CEILING; ALL EXPOSED STRUCTURE AND MEP TO BE PAINTED P-2; UNLESS OTHERWISE NOTED
7. MP-1; PAC CLAD CONCEALED FASTENER FORMED METAL SOFFIT PANEL
8. (REC YARD) NO CEILING; CHAIN LINK FENCE

1 RCP - SECTOR C
1/8" = 1'-0"

KEY PLAN — TRUE NORTH

Grace Design Studios

GERALD DAVID HEBERT III — No. 41907 — REGISTERED ARCHITECT — STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN ROOM OR CONSTRUCTION DOCUMENT REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

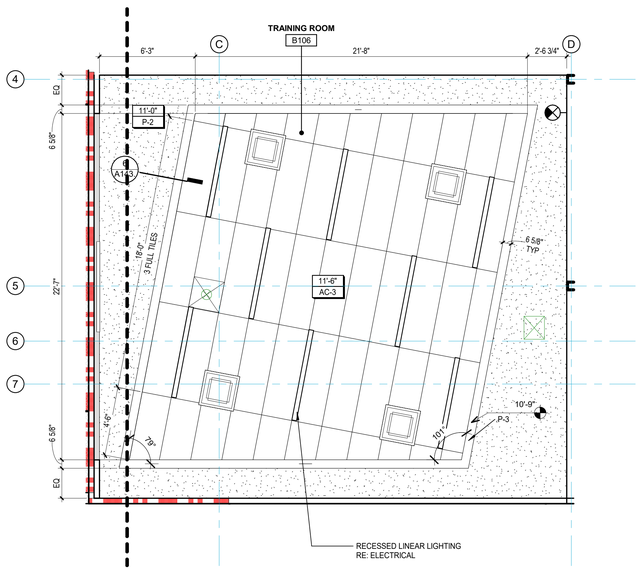
REFLECTED CEILING PLAN - SECTOR C

SHEET NUMBER: A141c

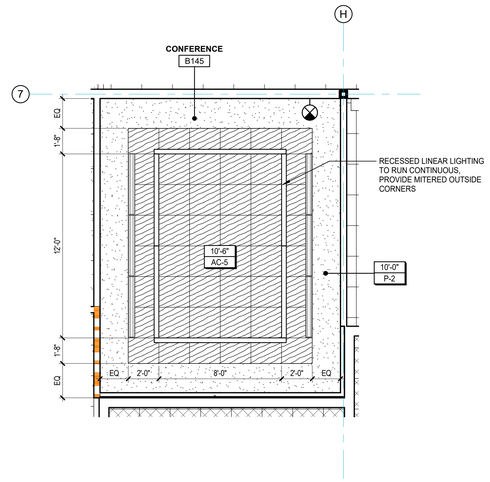
Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/17/2026 12:37 PM

INTERIOR RCP FINISH KEY

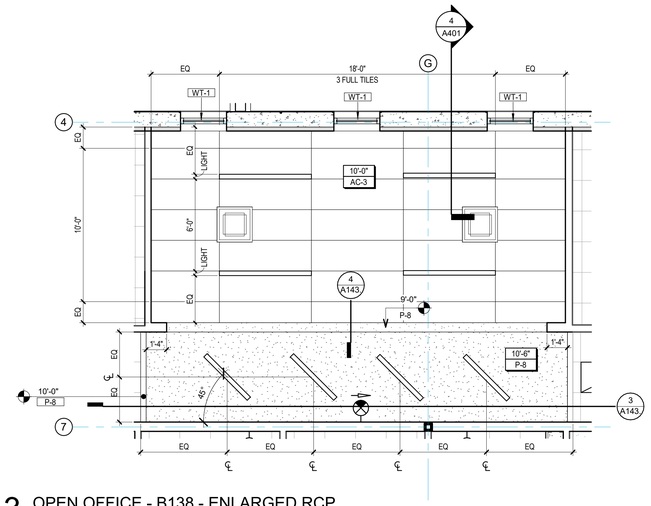
MARK	MATERIAL TYPE	MANUFACTURER	IDENTIFICATION	COLOR	SIZE	INSTALLATION	NOTES	CONTACT
ACOUSTICAL CEILING								
AC-1	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	ULTIMA #1940 LAY-IN	TILE: WHITE GRID: WHITE	2' X 2' X 7/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	ADMIN AREA PROVIDE HOLD DOWN CLIPS WHERE NOTED ON RCP LEGEND.	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-2	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	CANYON #1490 LAY-IN	TILE: WHITE GRID: WHITE	2' X 2' X 5/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	PROVIDE HOLD DOWN CLIPS; TYP UNLESS NOTED OTHERWISE	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-3	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	ULTIMA #1435 LAY-IN	TILE: WHITE GRID: WHITE	2' X 6' X 7/8"	PRELUDE GRID 15/16" SUSPENSION SYSTEM	ADMIN AREA	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-4	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	CLEAN ROOM VL UNPERFORATED #868	TILE: WHITE GRID: WHITE	2' X 2' X 5/8"	CLEAN ROOM 15/16" SUSPENSION GRID SYSTEM	PROVIDE HOLD DOWN CLIPS; TYP	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
AC-5	ACOUSTICAL CEILING	ARMSTRONG CEILINGS	LYRA PB #8361 SQUARE TEGULAR	TILE: HONEY OAK GRID: BLACK	24" X 24" X 1"	9/16" SUPRAFINE SUSPENSION SYSTEM	CONFERENCE ROOM B145	CATHERINE M. NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM 504.220.0227
LINEAR WOOD CEILING								
LWC-1	LINEAR WOOD CEILING	TURF	BEAM	D06 PLANKED OAK	3"W X 8"D	CABLE SUSPENDED, ATTACHED TO DECK	LOBBY	JAMES MEZZACAPPA JIM@MEZZDESIGN.COM
LWC-2	LINEAR WOOD CEILING	TURF	BEAM LED	D06 PLANKED OAK	3"W X 8"D	CABLE SUSPENDED, ATTACHED TO DECK	LOBBY	JAMES MEZZACAPPA JIM@MEZZDESIGN.COM



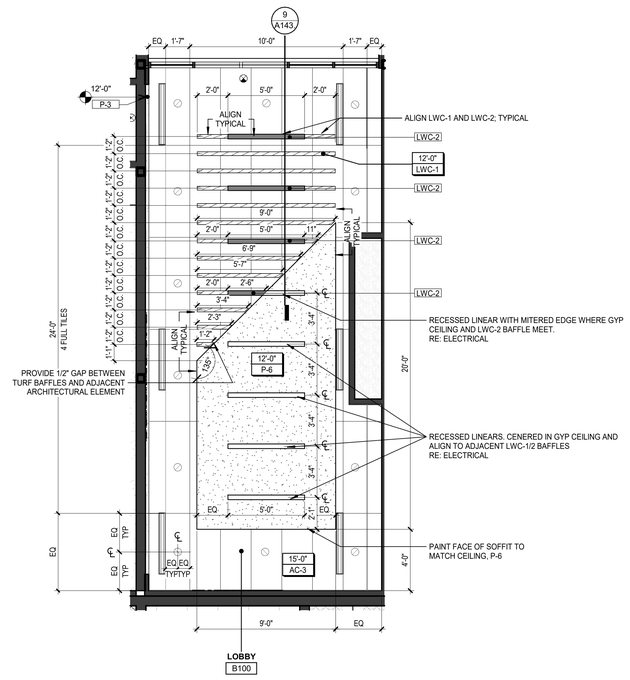
1 TRAINING ROOM - B106 - ENLARGED RCP
1/4" = 1'-0"



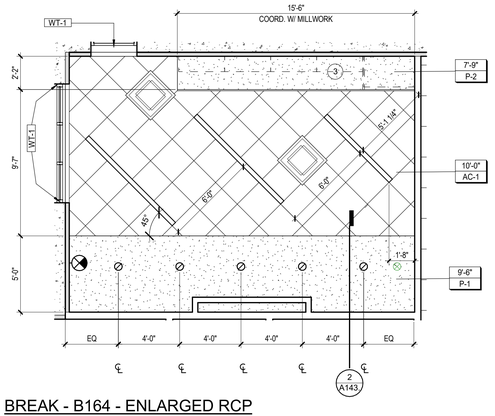
2 CONFERENCE - B145 - ENLARGED RCP
1/4" = 1'-0"



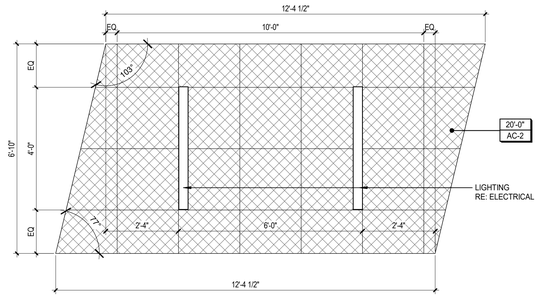
3 OPEN OFFICE - B138 - ENLARGED RCP
1/4" = 1'-0"



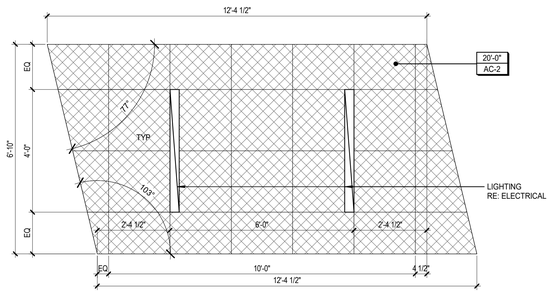
4 LOBBY - B100 - ENLARGED RCP
1/4" = 1'-0"



5 BREAK - B164 - ENLARGED RCP
1/4" = 1'-0"



6 CEILING CLOUD 'A' - ENLARGED RCP
1/2" = 1'-0"



7 CEILING CLOUD 'B' - ENLARGED RCP
1/2" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS WITH REGULAR EDGE TO MATCH MANUFACTURERS' EDGE AS REQUIRED.
2. CENTER LIGHT FIXTURES, EXIT LIGHTS, SPRINKLER HEADS, SPEAKERS AND OTHER CEILING MOUNTED FIXTURES IN PANELS.
3. ALL GYPSUM BOARD CEILING SHALL BE 5/8" WITH METAL FURRING @ 16" O.C.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH DUCTWORK OR MECHANICAL ITEMS.
5. CENTER CEILING GRID IN ROOM IN BOTH DIRECTIONS UNLESS INDICATED OTHERWISE.
6. ALL LIGHT FIXTURES IN GYPSUM BOARD CEILING SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
7. ALL GYPSUM BOARD SOFFITS ARE TO BE FINISHED WITH NO EXPOSED EDGES OR VIEWS INTO THE PLENUM SPACE.
8. ALL GYP CEILINGS LOCATED IN WET LOCATIONS TO HAVE EPOXY FINISH.
9. ALL CEILING ACCESS PANELS & PLATES SHALL BE PAINTED TO MATCH ADJACENT CEILING.
10. ALL GYPSUM CEILINGS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED
11. ALL FURR-DOWNS TO BE PAINTED ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
12. ALL ROOMS WITH "CONC" CEILINGS TO BE PAINTED P-2; TYP

REFLECTED CEILING PLAN LEGEND

CEILING FINISH LEGEND

RE: FINISH KEY ON SHEET A141 FOR FINISH INFORMATION

- AC-1; 2' X 2'
- AC-2; 2' X 2' W/HOLD DOWN CLIPS
- AC-3; 2' X 6'
- AC-4; 2' X 2'
- AC-5
- CONCRETE CAP PAINTED P-2 TYPICAL
- GYP BOARD, PAINTED P-2 UNLESS OTHERWISE NOTED
- LWC-1 3"W x 8"D
- LWC-2 3"W x 8"D
- GYP BOARD; IMPACT RESISTANT, W/ METAL MESH ABOVE; PAINT FINISH AS INDICATED ON RCPS

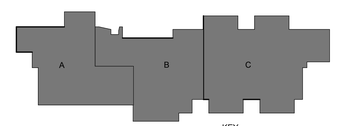
CEILING SYMBOL LEGEND

- 00'-00" / XX-00 — CEILING HEIGHT / CEILING FINISH
- 2'x4' RECESSED FLANGED LED, CORRECTIONAL-GRADE SECURITY FIXTURE
- 2'x4' RECESSED LED PANEL FIXTURE
- 4'L LED PENDANT/SURFACE MOUNT; VANDAL RESISTANT AS REQ PER LOCATION.
- DOWN LIGHT
- RECESSED 4"W LINEAR FIXTURE; CONTINUOUS LED ;VANDAL RESISTANT AS REQ PER LOCATION.
- PENDANT-MOUNT LED; HIGH BAY FIXTURE; LED
- 12" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE
- 9" ROUND SURFACE MOUNT LED; VANDAL-RESISTANT, CORRECTIONAL CELL GRADE FIXTURE; SHOWER GRADE
- SUSPENDED MOUNTED, LINEAR, LED, HIGH BAY FIXTURE, WIRE GUARD
- SUPPLY AIR DIFFUSER; RE: MECH FOR SIZE INFO
- RETURN AIR GRILLE; RE: MECH FOR SIZE INFO
- EXIT SIGN
- EXTERIOR WALL PACK
- ACCESS PANEL W/ LOCK, PAINT TO MATCH ADJ CEILING

NOTE: RE: ELECTRICAL FOR ADDITIONAL INFORMATION

RCP KEYNOTES

1. EXPOSED CEILING
2. C100,C106, C118, C120, & C122; ALL CLOUDS TO BE AC-2 WITHOUT HOLD DOWN CLIPS. CLOUDS TO HAVE 4" AXIOM TRIM (SILVER SATIN). RE: RCP FOR INSTALL HEIGHT A.F.F.; PAINT EXPOSED STRUCTURE AND MEP IN CORRIDOR P-1.
3. PROVIDE GYP SOFFIT TO MEET TOP OF UPPER CABINET IN ROOM. TO BE PAINTED TO MATCH FACE OF SOFFIT UNLESS NOTED OTHERWISE; RE: 1/A143; TYP
4. PROVIDE HOLD DOWN CLIPS IN THIS ROOM
5. NOT USED
6. EXPOSED CEILING; ALL EXPOSED STRUCTURE AND MEP TO BE PAINTED P-2; UNLESS OTHERWISE NOTED
7. MP-1; PAC CLAD CONCEALED FASTENER FORMED METAL SOFFIT PANEL
8. (REC YARD) NO CEILING; CHAIN LINK FENCE



KEY PLAN

Grace Design Studios

GERALD DAVID HERBERT II
No. 41
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION MANAGER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

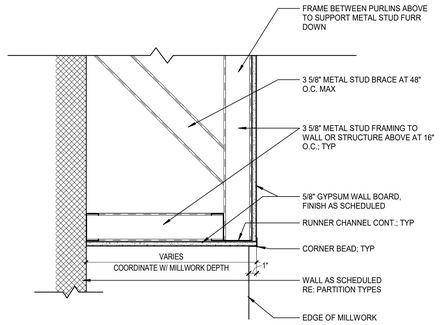
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

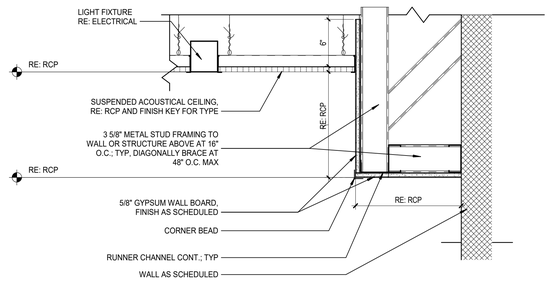
ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER
A142

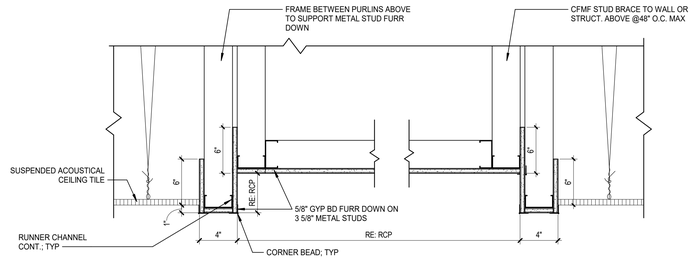
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 12:24:24 PM



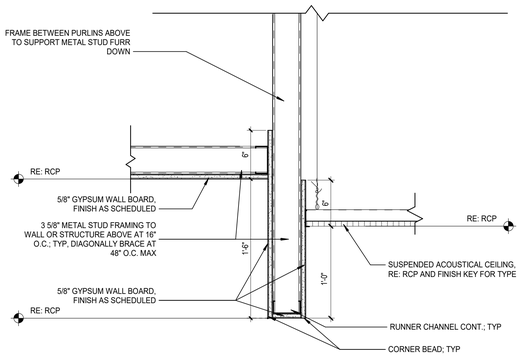
1 TYP SOFFIT DETAIL
1 1/2" = 1'-0"



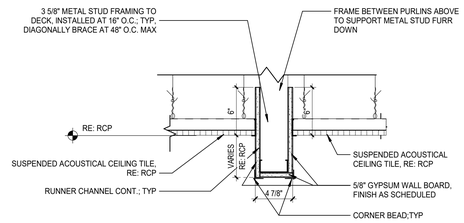
2 CEILING TILE TO GYP FURR DOWN
1 1/2" = 1'-0"



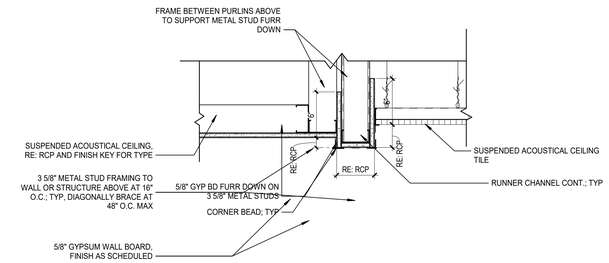
3 TRAY CEILING DETAIL
1 1/2" = 1'-0"



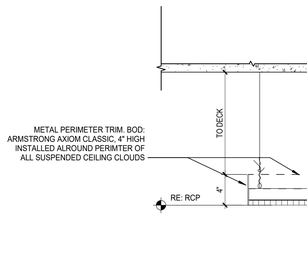
4 GYP TRAY TO CEILING TILE
1 1/2" = 1'-0"



5 TYP FURR DOWN
1 1/2" = 1'-0"

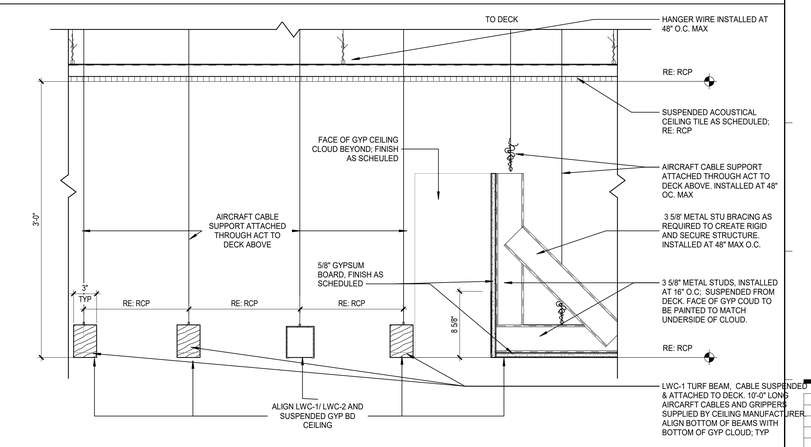


6 GYP TO FURR DOWN TO CEILING TILE
1 1/2" = 1'-0"



7 GYP SOFFIT TO GYP CEILING
1 1/2" = 1'-0"

8 SUSPENDED CLOUD DETAIL
1 1/2" = 1'-0"



9 LOBBY CLOUD DETAIL
1 1/2" = 1'-0"

TRUE NORTH

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

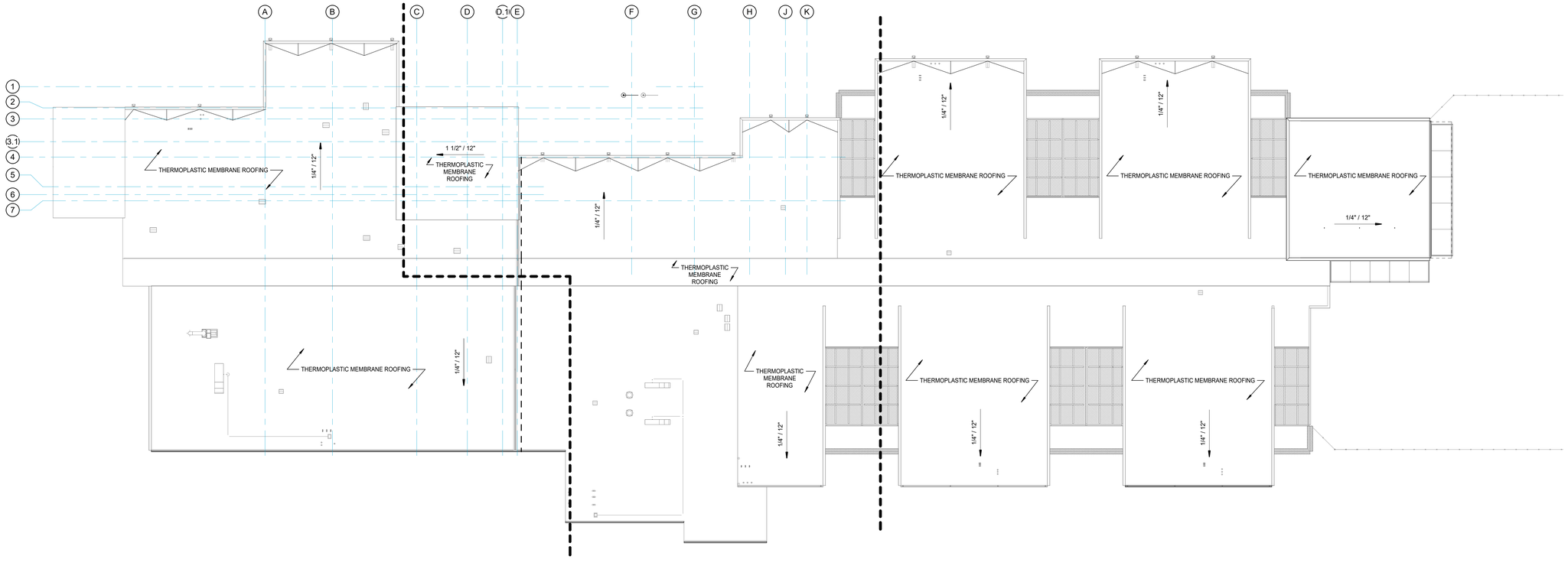
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

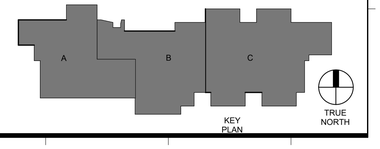
REFLECTED CEILING PLAN DETAILS

SHEET NUMBER
A143

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:13:35 PM



1 ROOF PLAN - OVERALL
3/64" = 1'-0"



KEY PLAN

TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:29 PM

Grace
Design Studios

GERALD DAVID HEBERT II
LIC. No. 41787
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

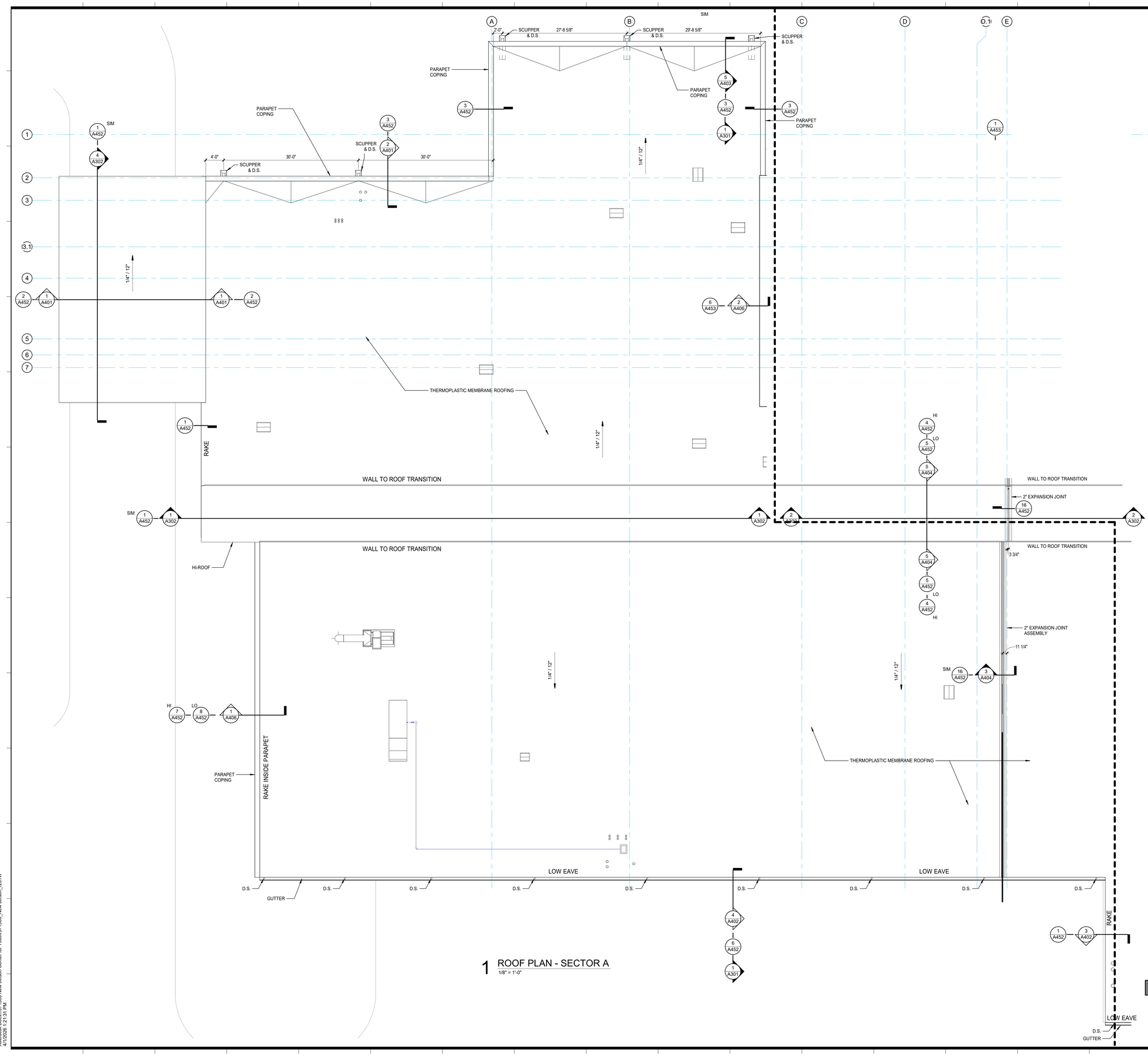
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF PLAN - OVERALL

SHEET NUMBER
A151



1 ROOF PLAN - SECTOR A
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:31 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

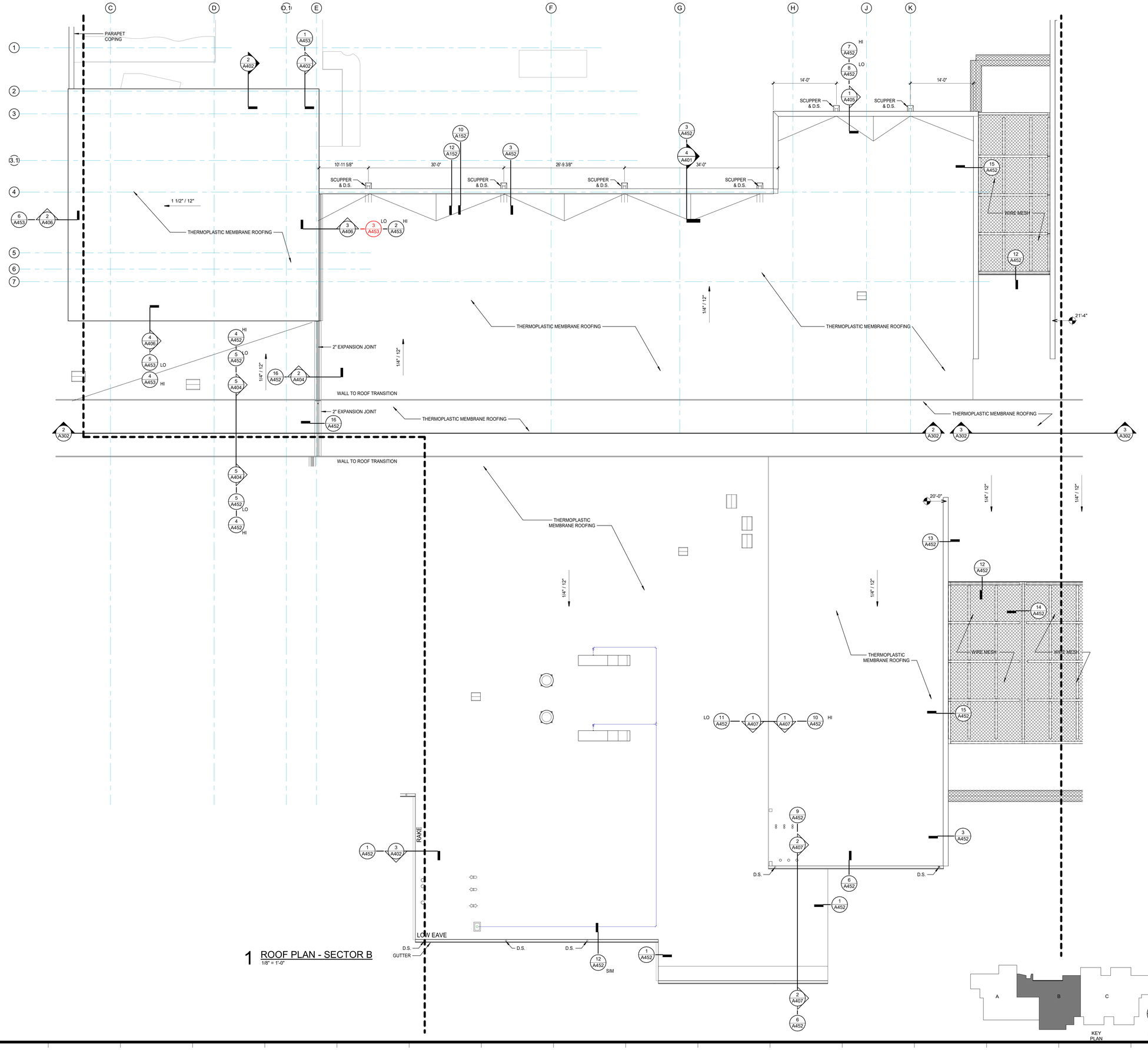
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF PLAN - SECTOR A

SHEET NUMBER
A151a

KEY PLAN
TRUE NORTH



1 ROOF PLAN - SECTOR B
1/8" = 1'-0"

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BID SERVICE, CONSTRUCTION MANAGER OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:09-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

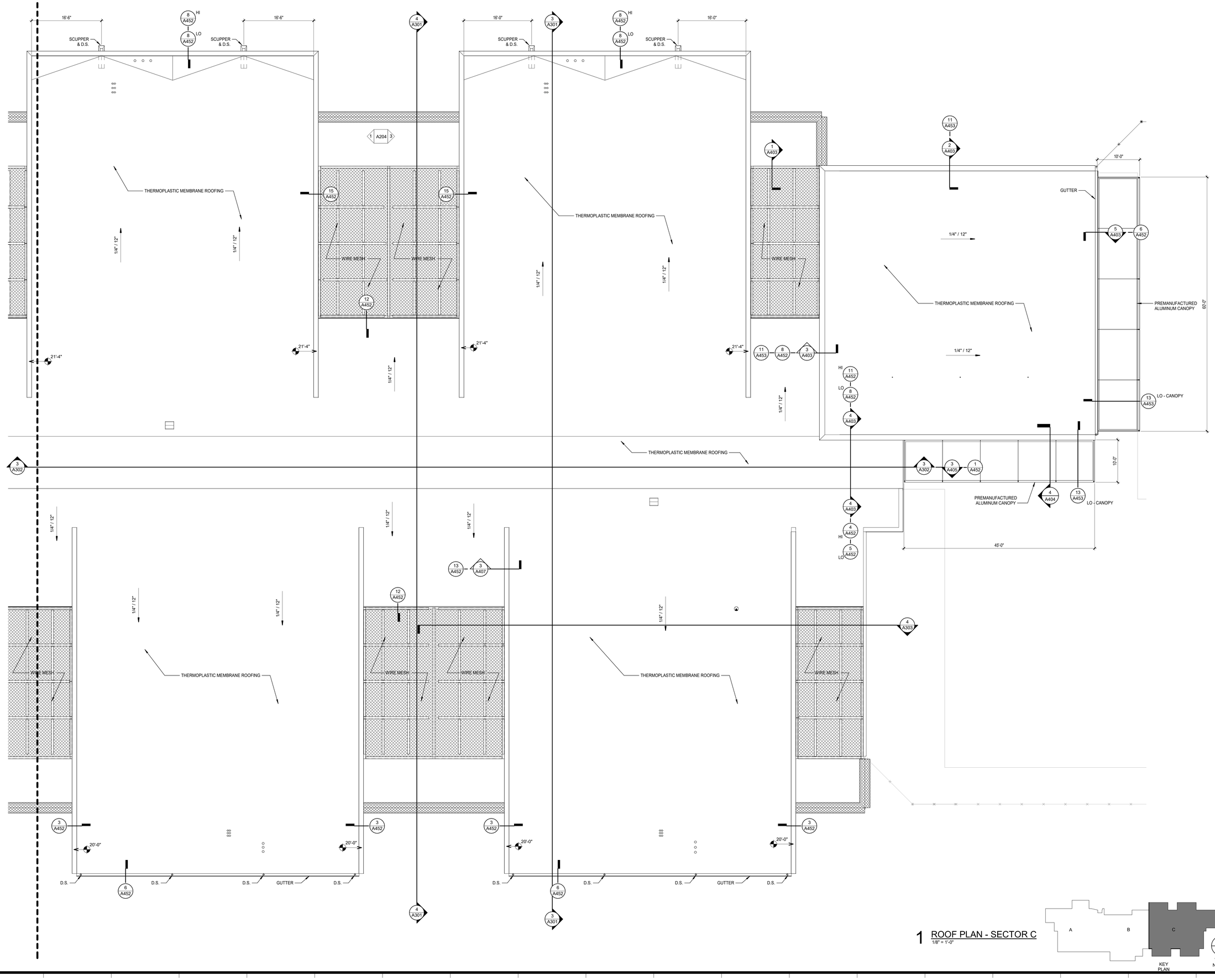
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF PLAN - SECTOR B

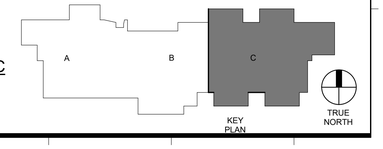
SHEET NUMBER
A151b

KEY PLAN
TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 12:39:39 PM



1 ROOF PLAN - SECTOR C
1/8" = 1'-0"



Grace Design Studios

GERALD DAVID HEBERT II
LIC. No. 41787
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

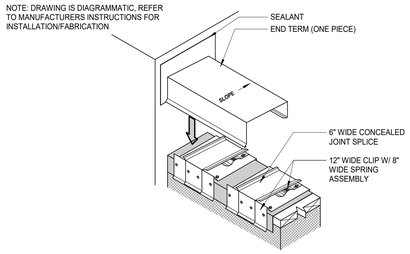
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

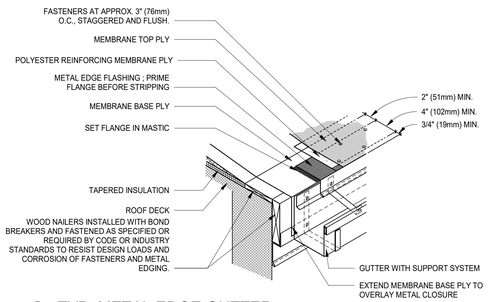
ROOF PLAN - SECTOR C

SHEET NUMBER
A151c

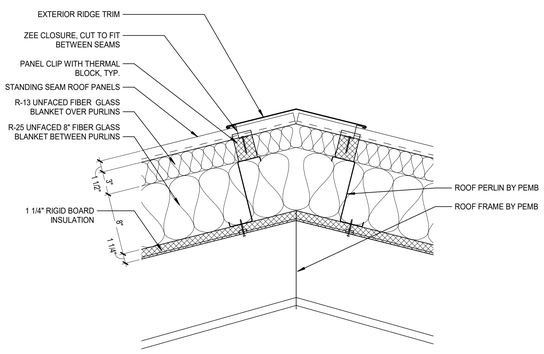
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:38 PM



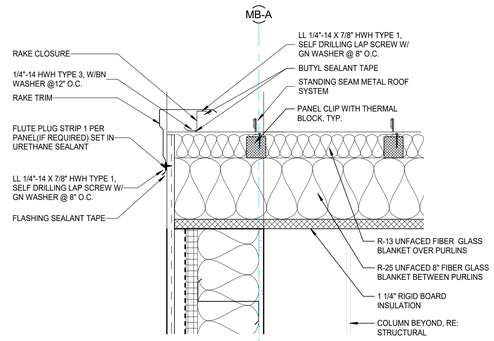
1 TYP. COPING END TERMINATION
6" = 1'-0"



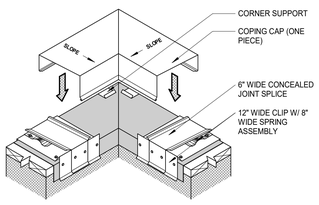
2 TYP. METAL EDGE GUTTER
6" = 1'-0"



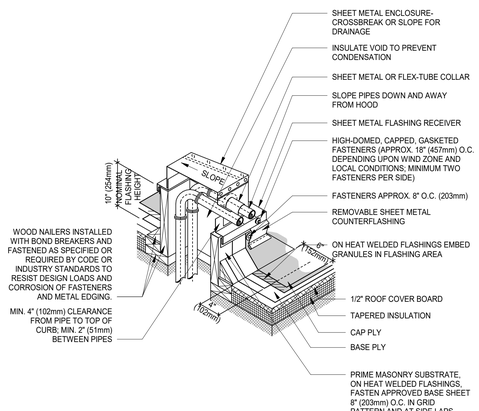
11 MAINTENANCE BUILDING ROOF - RIDGE DETAIL
1 1/2" = 1'-0"



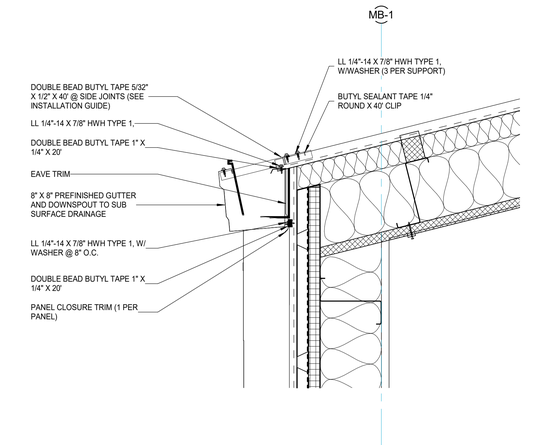
13 MAINTENANCE BUILDING ROOF - RAKE DETAIL
1 1/2" = 1'-0"



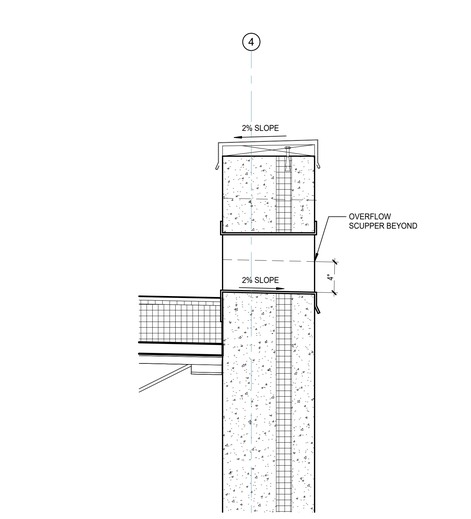
5 TYP COPING MITER
6" = 1'-0"



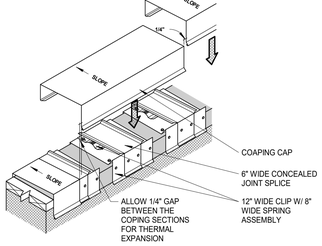
3 TYP. PIPING THRU ROOF DECK
6" = 1'-0"



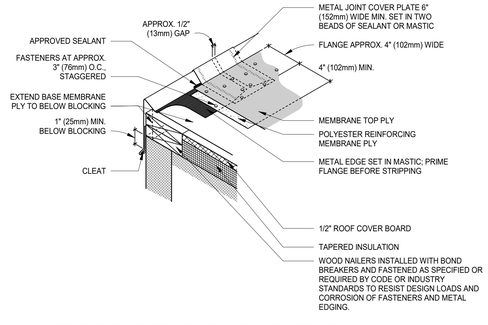
14 MAINTENANCE BUILDING ROOF - LOW EAVE W/ STANDARD GUTTER DETAIL
1 1/2" = 1'-0"



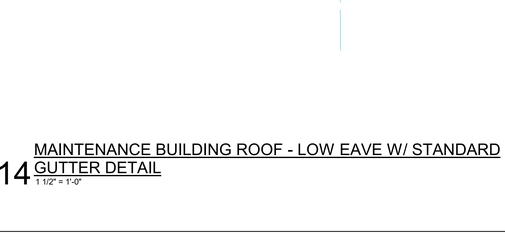
12 PARAPET SCUPPER @ INSULATED TILT WALL
1 1/2" = 1'-0"



6 TYP COPING SPLICE
6" = 1'-0"

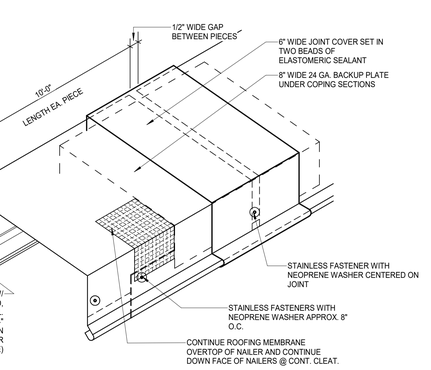


4 TYP. ROOF EDGE AT GRAVEL STOP
6" = 1'-0"



NOTE: CONTRACTOR TO COORDINATE DOWNSPOUT CONNECTION W/ BOOT MANUFACTURER'S WRITTEN INSTRUCTIONS PRIOR TO INSTALLATION. SHAPE, PROFILE & SIZE OF BOOT CONNECTION SHALL BE COMPATIBLE WITH DOWNSPOUT DISCHARGE PROFILE & SIZE.

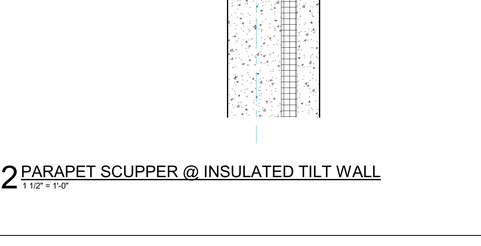
7 DOWNSPOUT - SUBSURFACE CONNECTION
1" = 1'-0"



8 PRE-FINISHED PARAPET COPING
n.t.s.

NOTE: DRAWING IS DIAGRAMMATIC, REFER TO MANUFACTURERS INSTRUCTIONS FOR INSTALLATION/FABRICATION

9 AXO TYPICAL ROOF VENT PIPE DETAIL
3" = 1'-0"



10 PARAPET OVERFLOW SCUPPER @ INSULATED TILT WALL
1 1/2" = 1'-0"

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?65
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

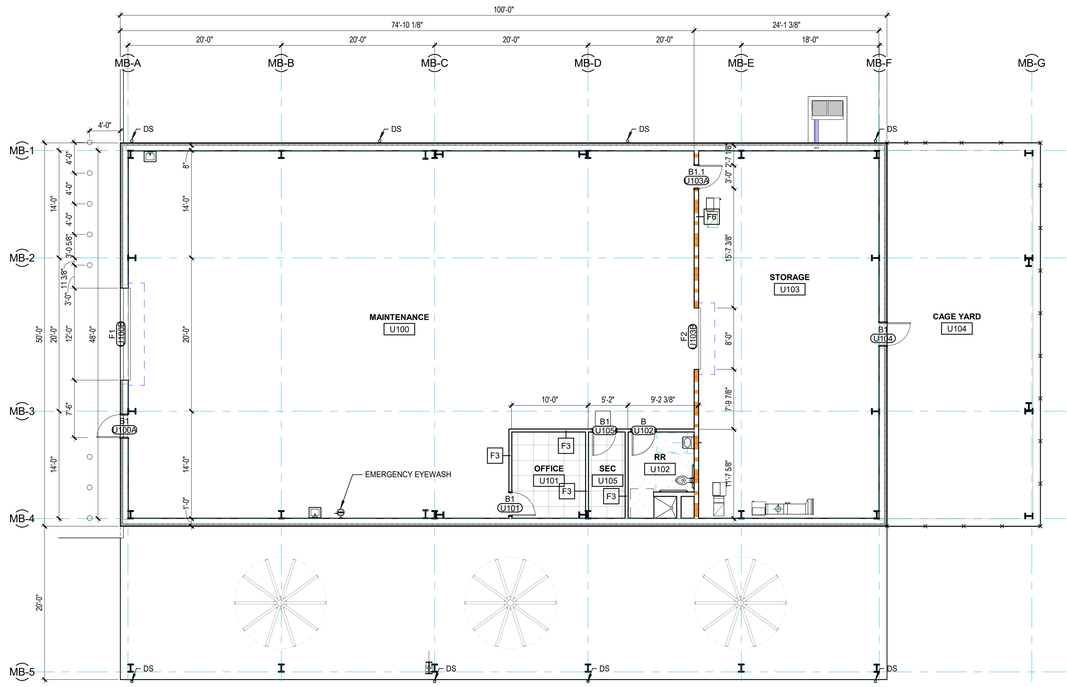
TYP ROOF DETAILS

SHEET NUMBER
A152

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 12:36:37 PM

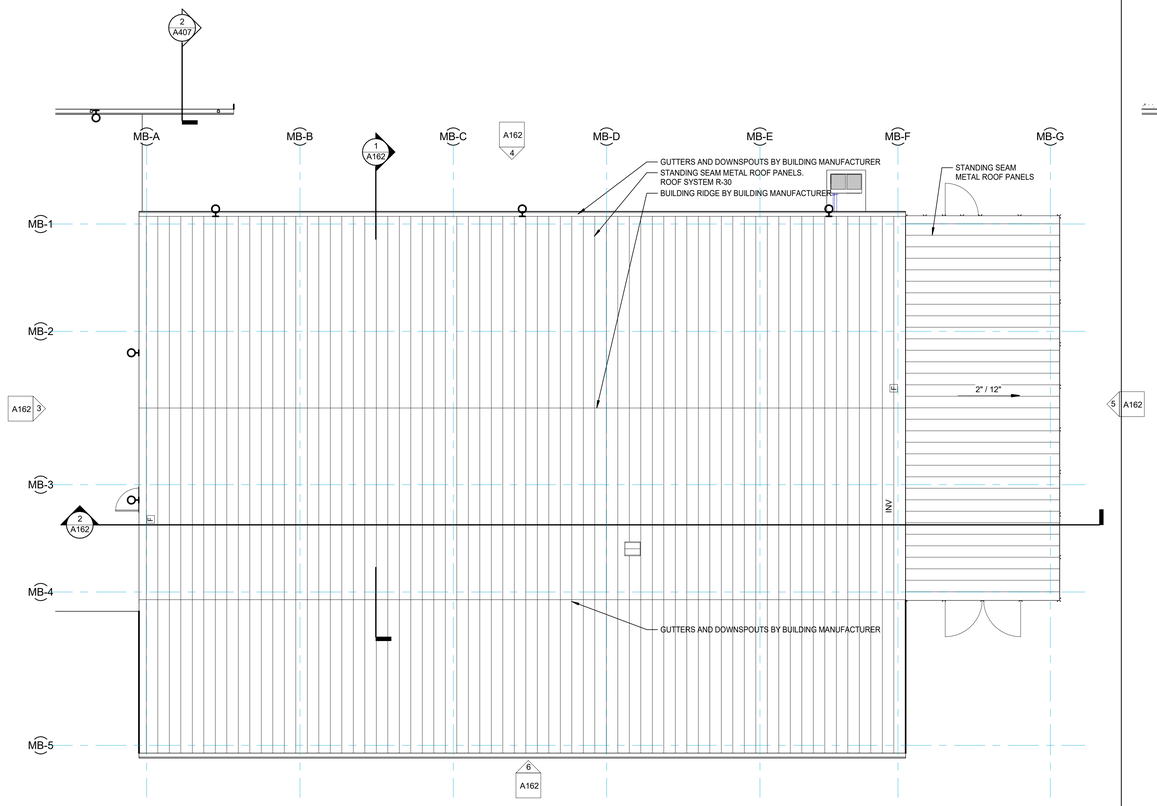
DOOR SCHEDULE - MAINTENANCE BUILDING

DOOR NO.	TYPE	WIDTH	HEIGHT	MATERIAL	GLAZING	FRAME MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
U100A	B1	3' - 0"	7'-0"	HM	SG-1	HM		YES		
U100B	F1	12' - 0"	12'-0"					YES		
U101	B1	3' - 0"	7'-0"	HM	SG-1	HM		YES		
U102	B	3' - 0"	7'-0"	HM		HM		YES		
U103A	B1.1	3' - 0"	7'-0"	HM	SG-1	HM	60 MIN	YES		
U103B	F2	8' - 0"	10'-0"				60 MIN	YES		
U104	B1	3' - 0"	7'-0"	HM	SG-1	HM		YES		
U105	B1	3' - 0"	7'-0"					YES		



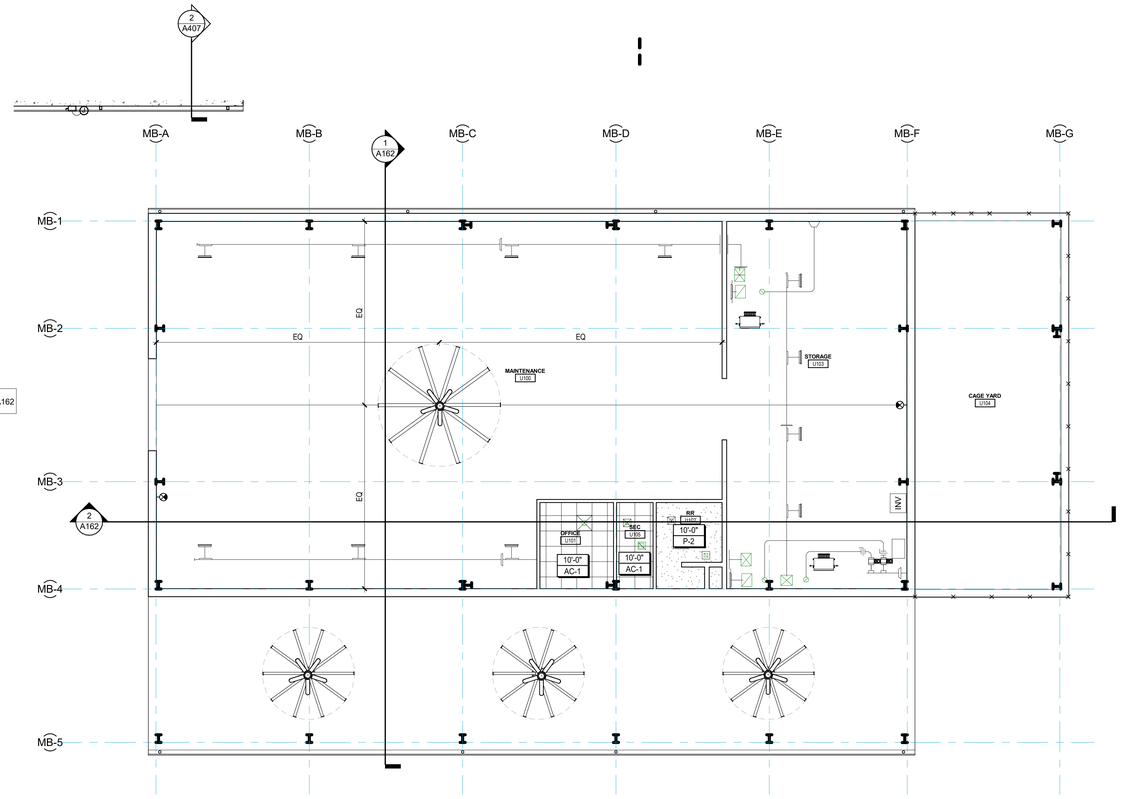
N

1 FLOOR PLAN - METAL MAINTENANCE BUILDING
1/8" = 1'-0"



N

2 ROOF PLAN - METAL MAINTENANCE BUILDING
1/8" = 1'-0"



3 RCP - MAINTENANCE BUILDING
1/8" = 1'-0"

TRUE NORTH

Grace Design Studios

GERALD DAVID HEBERT II
REG. No. 4196
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, IS AUTHORIZED TO REPRODUCE. REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

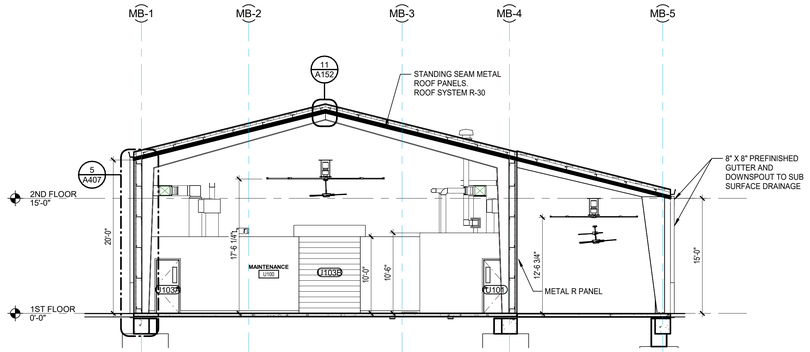
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

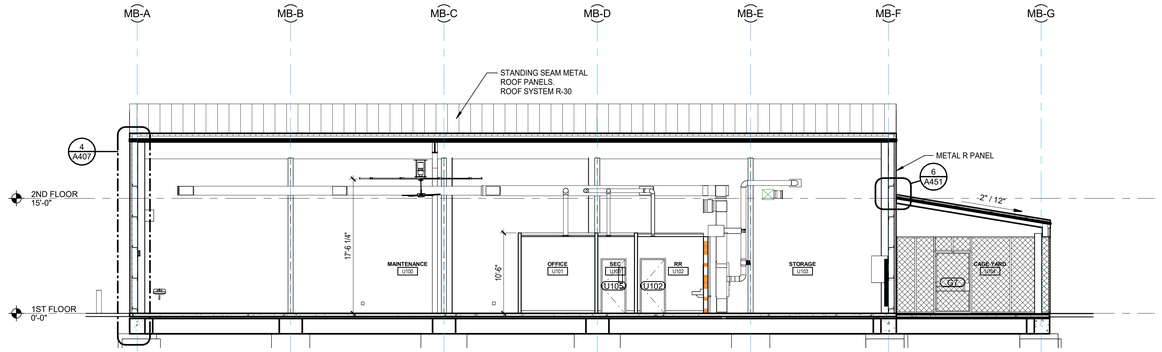
MAINTENANCE BUILDING
PLANS AND ELEVATIONS

SHEET NUMBER
A161

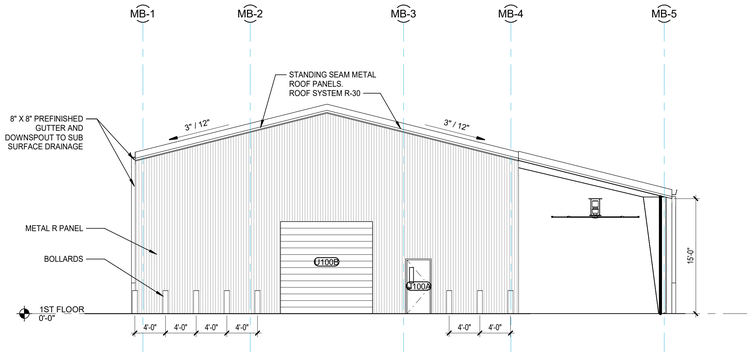
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2026 12:43:44 PM



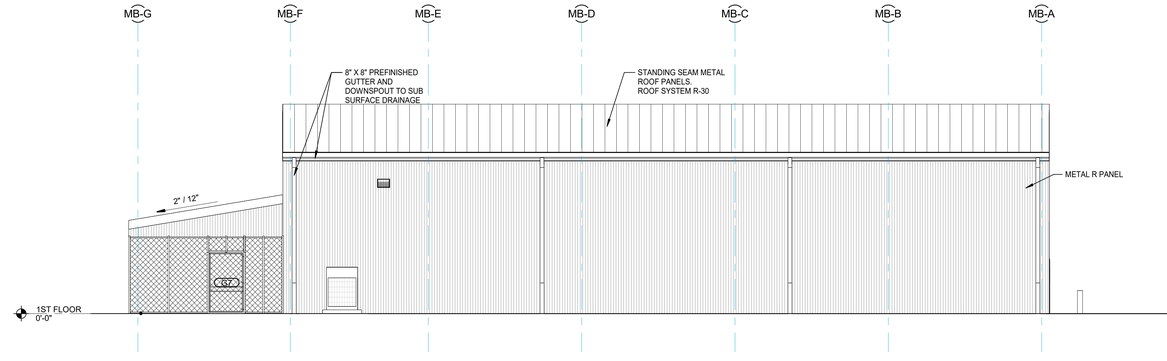
1 BUILDING SECTION
1/8" = 1'-0"



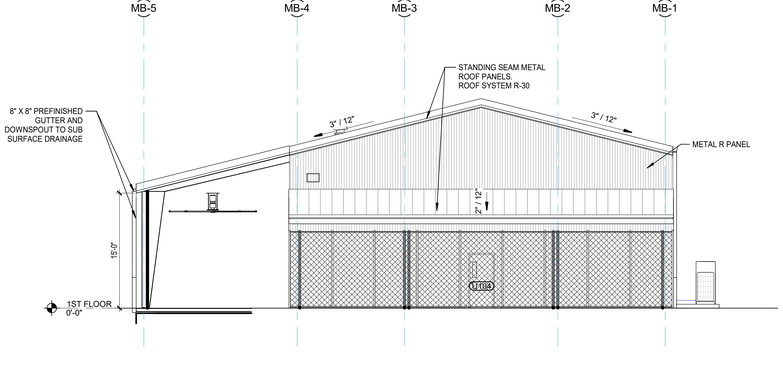
2 BUILDING SECTION
1/8" = 1'-0"



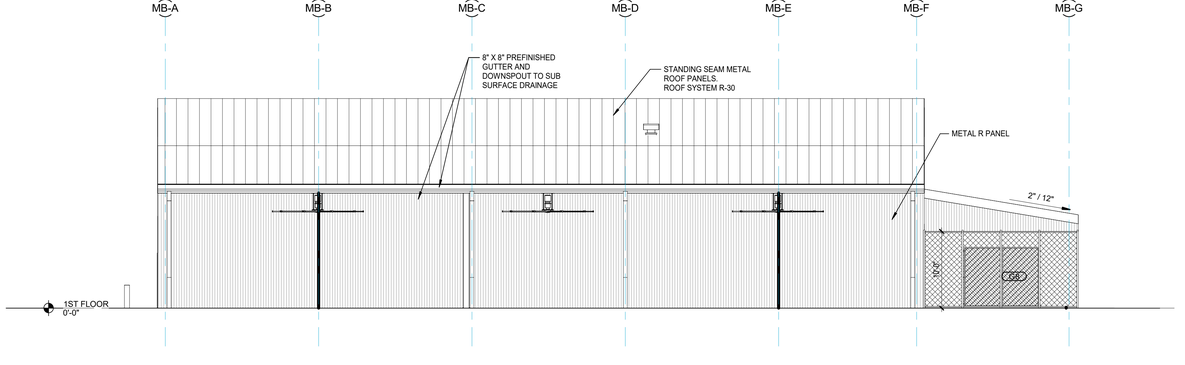
3 WEST ELEVATION
1/8" = 1'-0"



4 NORTH ELEVATION
1/8" = 1'-0"



5 EAST ELEVATION
1/8" = 1'-0"



6 SOUTH ELEVATION
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:49:39 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR ANY OTHER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

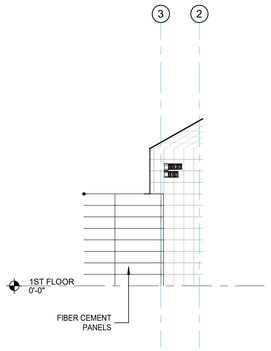
PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

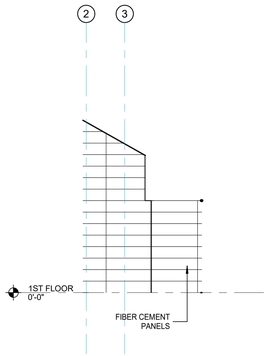
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MAINTENANCE BUILDING SECTIONS

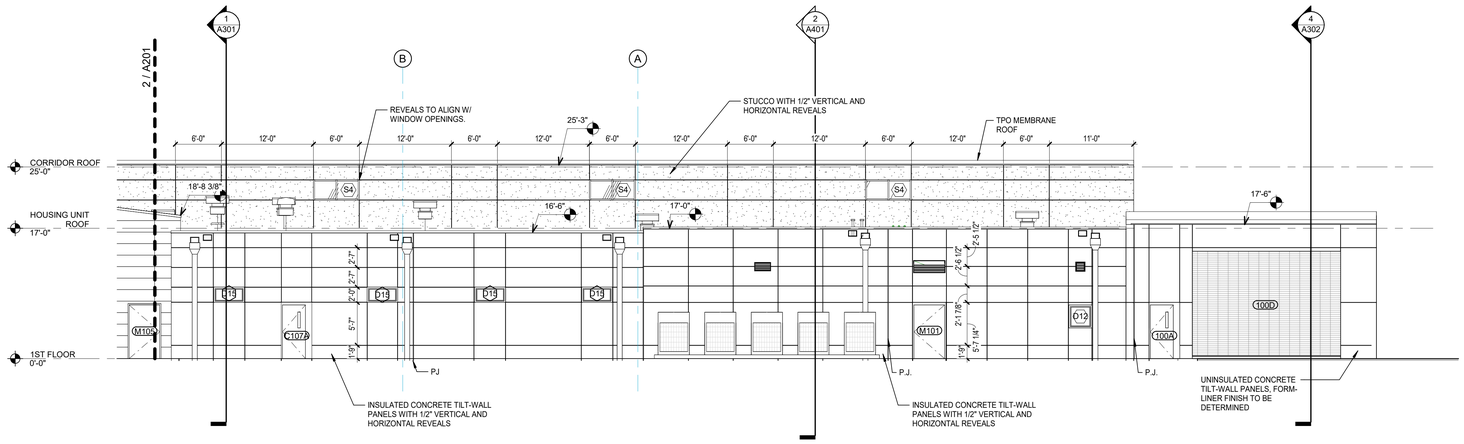
SHEET NUMBER
A162



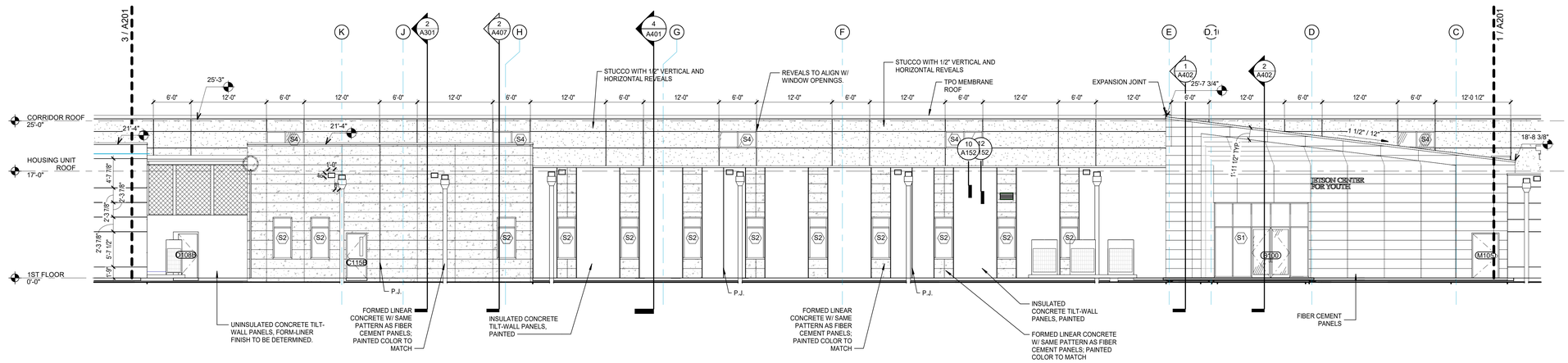
4 NORTH ENTRY ELEVATION
1/8" = 1'-0"



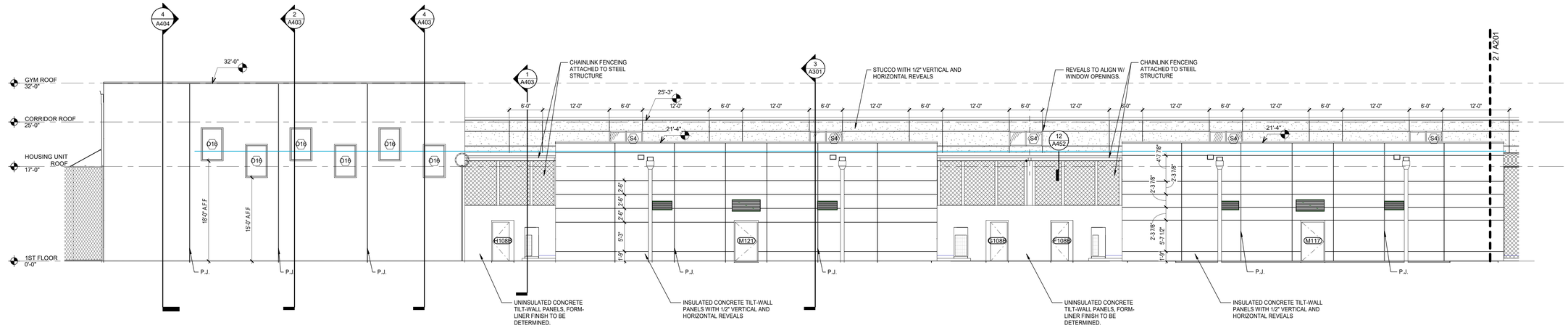
5 NORTH ENTRY ELEVATION
1/8" = 1'-0"



1 MAIN BUILDING NORTH ELEVATION - SECTOR A
1/8" = 1'-0"



2 MAIN BUILDING NORTH ELEVATION - SECTOR B
1/8" = 1'-0"



3 MAIN BUILDING NORTH ELEVATION - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:13:59 PM

Grace
Design Studios

GERARD DAVID HEBERT II
LIC. No. 41907
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

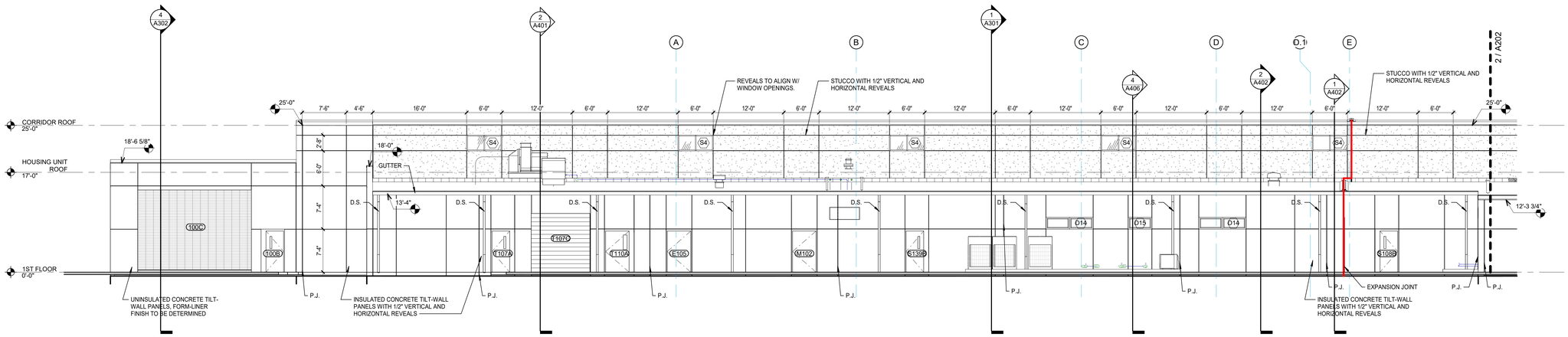
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

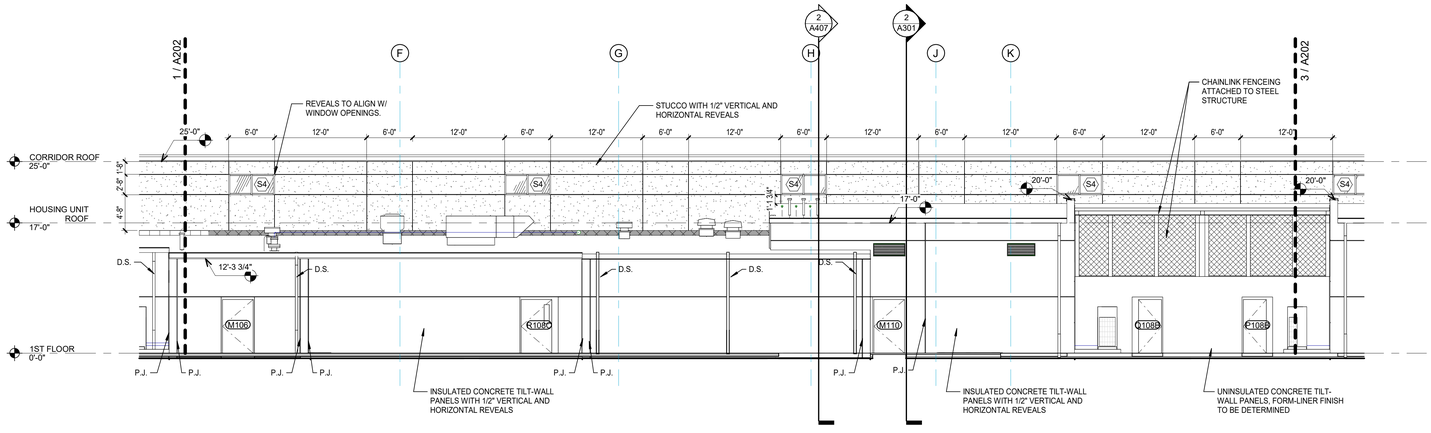
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING ELEVATIONS

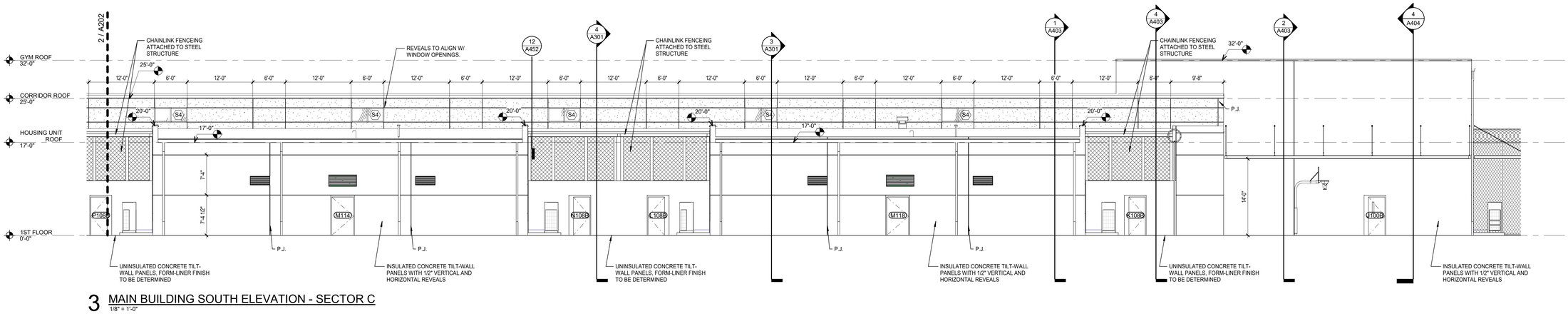
SHEET NUMBER
A201



1 MAIN BUILDING SOUTH ELEVATION - SECTOR A
1/8" = 1'-0"



2 MAIN BUILDING SOUTH ELEVATION - SECTOR B
1/8" = 1'-0"



3 MAIN BUILDING SOUTH ELEVATION - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:34:39 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR PRINTING, REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER

OFFICE OF JUVENILE JUSTICE

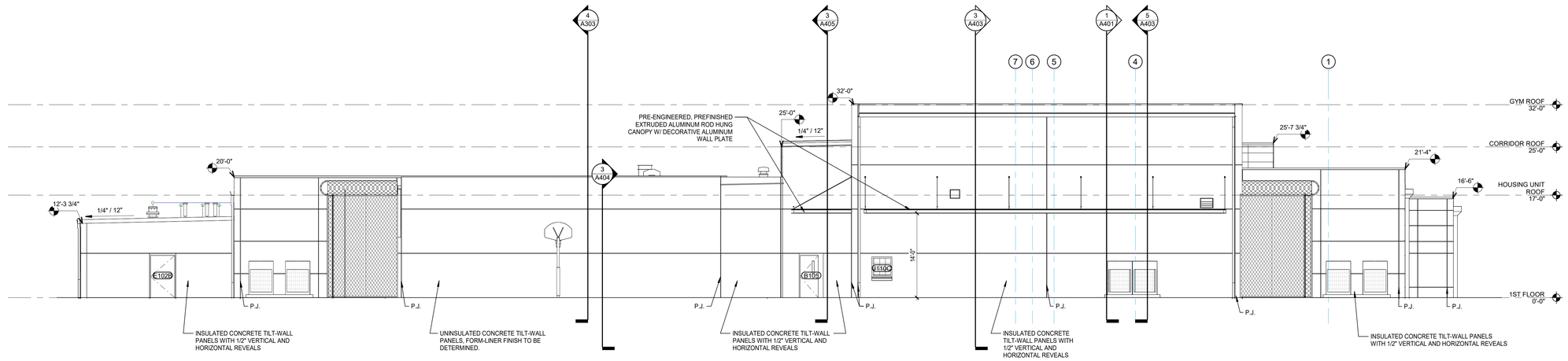
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

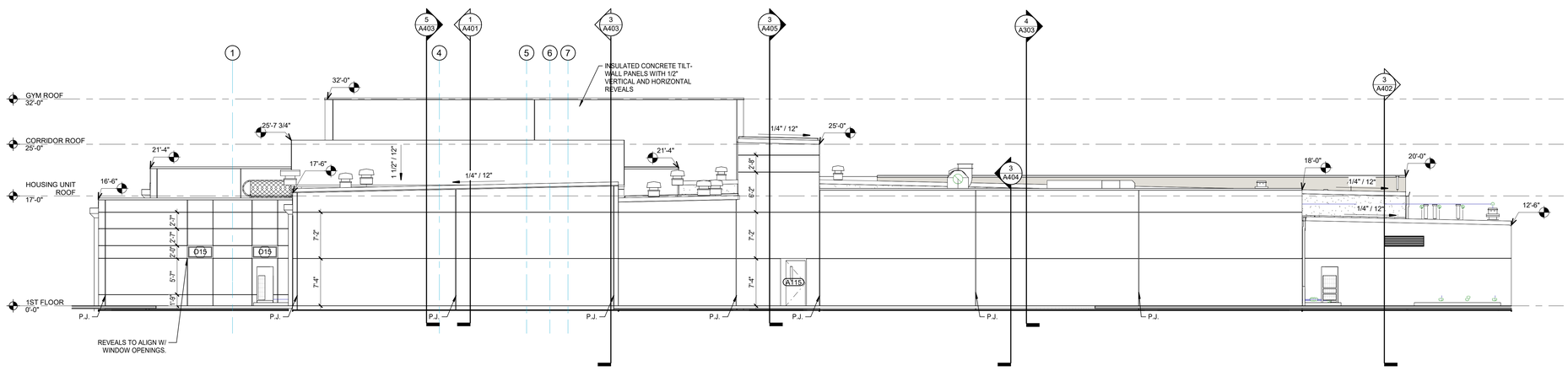
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING ELEVATIONS

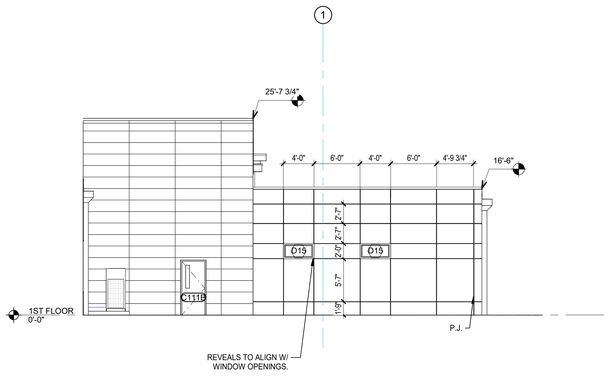
SHEET NUMBER
A202



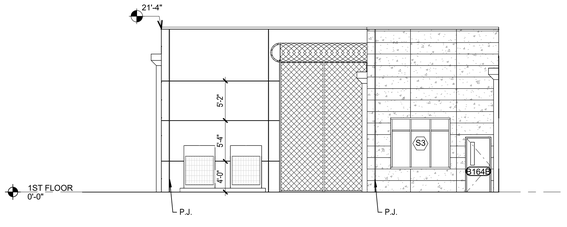
1 MAIN BUILDING EAST ELEVATION
1/8" = 1'-0"



2 MAIN BUILDING WEST ELEVATION
1/8" = 1'-0"



3 MAIN BUILDING INSULATED ELEVATION
1/8" = 1'-0"



4 MAIN BUILDING INSULATED ELEVATION
1/8" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

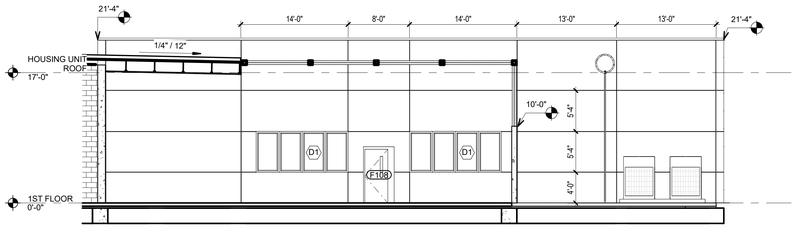
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

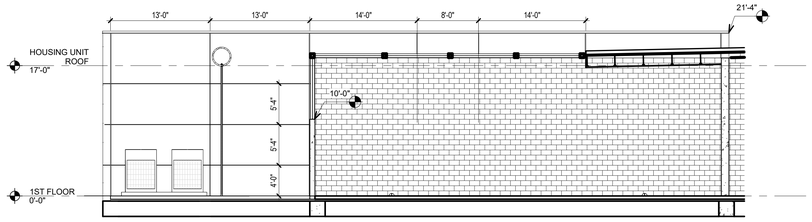
BUILDING ELEVATIONS

SHEET NUMBER
A203

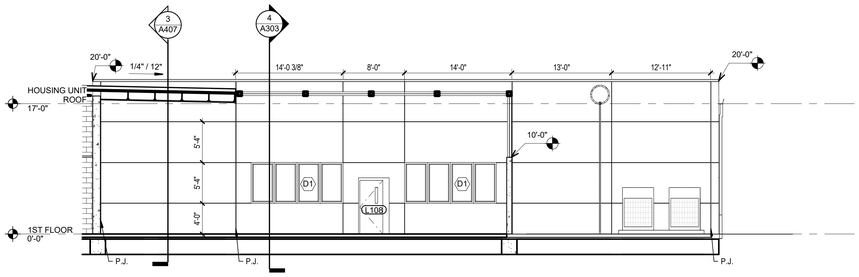
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:21:39 PM



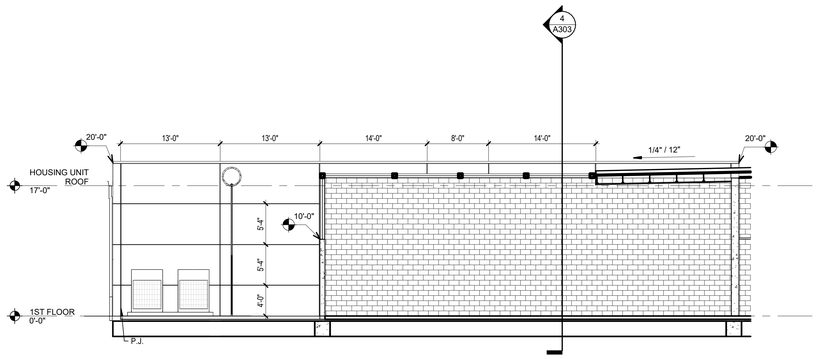
1 REC YARD - NORTH SIDE TYPICAL
1/8" = 1'-0"



3 REC YARD - NORTH SIDE TYPICAL
1/8" = 1'-0"



2 REC YARD - SOUTH SIDE TYPICAL
1/8" = 1'-0"



4 REC YARD - SOUTH SIDE TYPICAL
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:54 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA SERVICE, REPRODUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

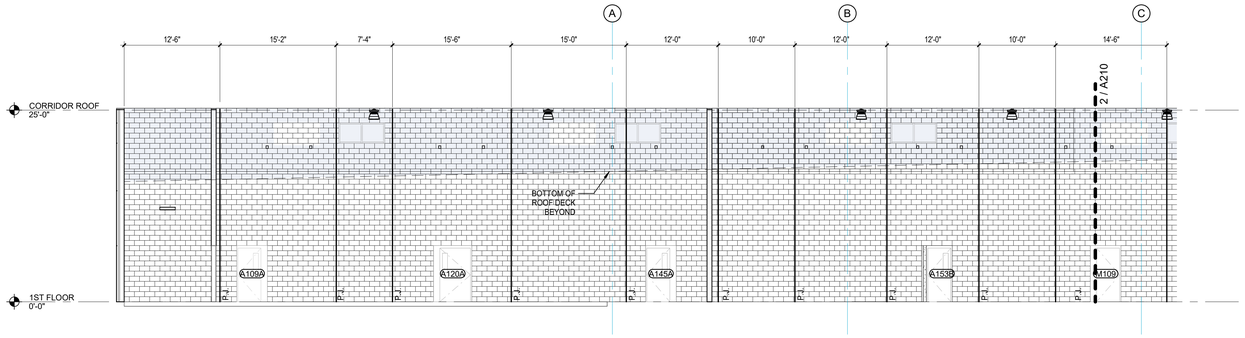
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING ELEVATIONS

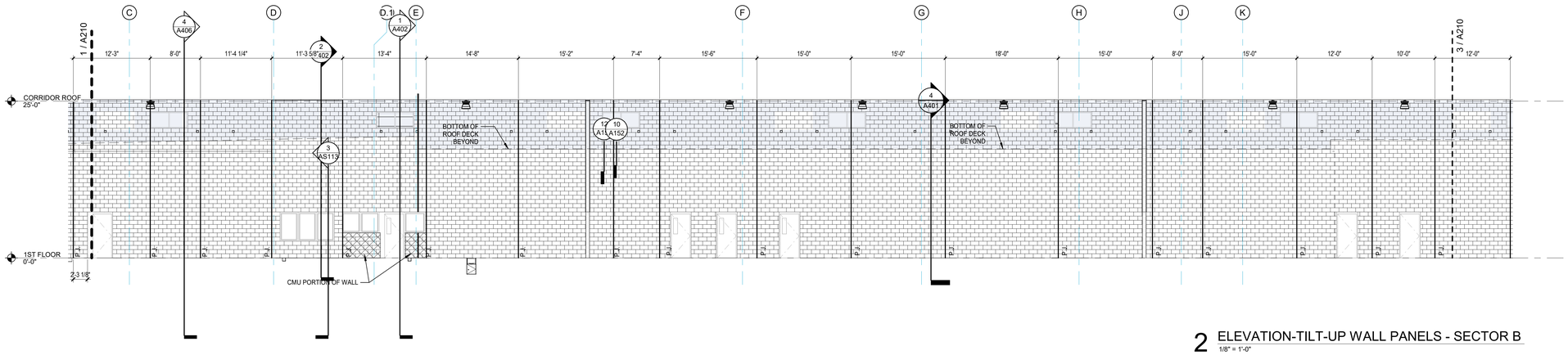
SHEET NUMBER
A204

PANEL NOTES:

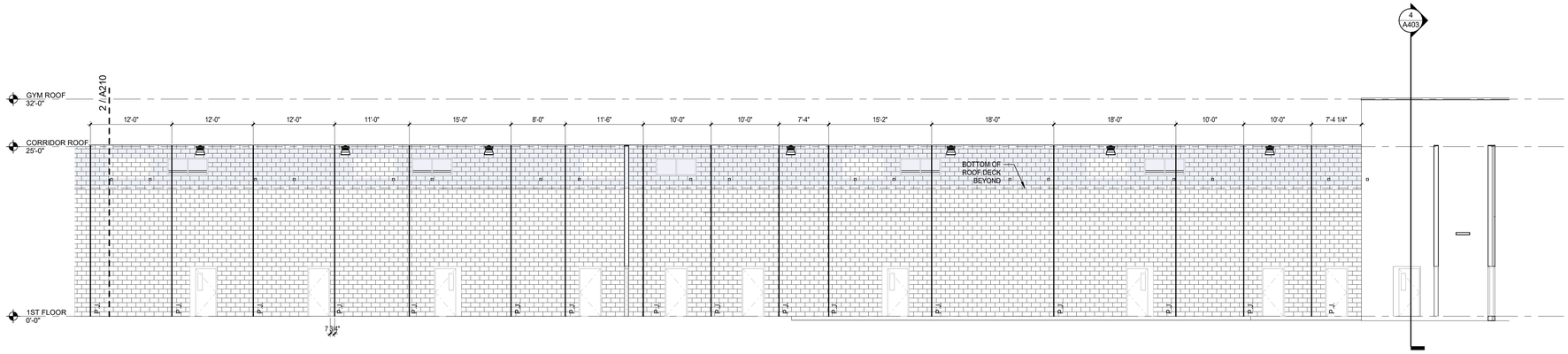
1. [ ] -INDICATES INSULATED AREA OF TILT-UP CONCRETE PANEL
2. WALLS AND PARTITIONS THAT ARE PERPENDICULAR TO PANELS ARE SHOWN FOR REFERENCE ONLY.
3. NOT ALL PANEL PENETRATIONS ARE SHOWN. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING WORK FOR LOCATION OF OTHER PANEL PENETRATIONS.
4. P.J. - INDICATES LOCATION OF VERTICAL PANEL JOINT.



1 ELEVATION-TILT-UP WALL PANELS - SECTOR A
1/8" = 1'-0"



2 ELEVATION-TILT-UP WALL PANELS - SECTOR B
1/8" = 1'-0"



3 ELEVATION-TILT-UP WALL PANELS - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 10:15:48 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

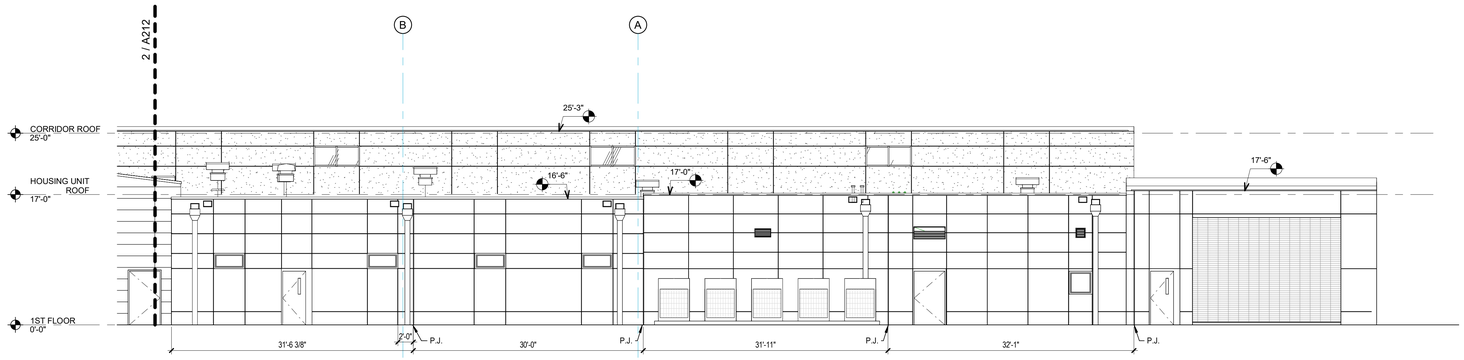
PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

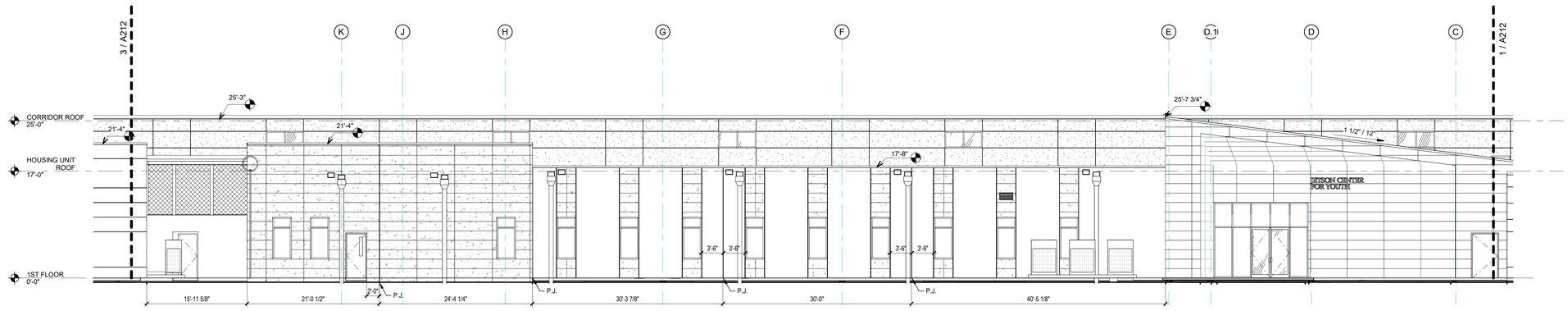
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR
PROJECT NO: 571506

TILT-UP WALL ELEVATIONS - CORRIDOR

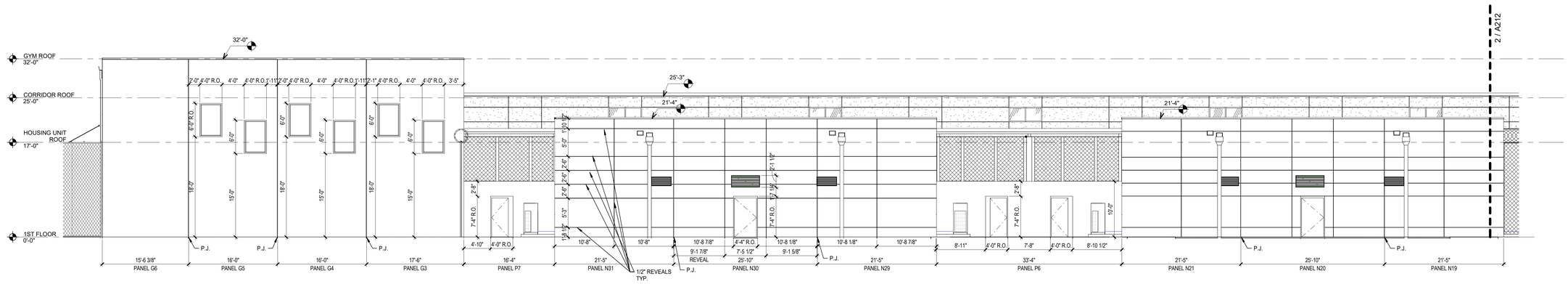
SHEET NUMBER
A210



1 MAIN BUILDING NORTH ELEVATION TILT-UP - SECTOR A
1/8" = 1'-0"



2 MAIN BUILDING NORTH ELEVATION TILT-UP - SECTOR B
1/8" = 1'-0"



3 MAIN BUILDING NORTH ELEVATION TILT-UP - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 3:15:39 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

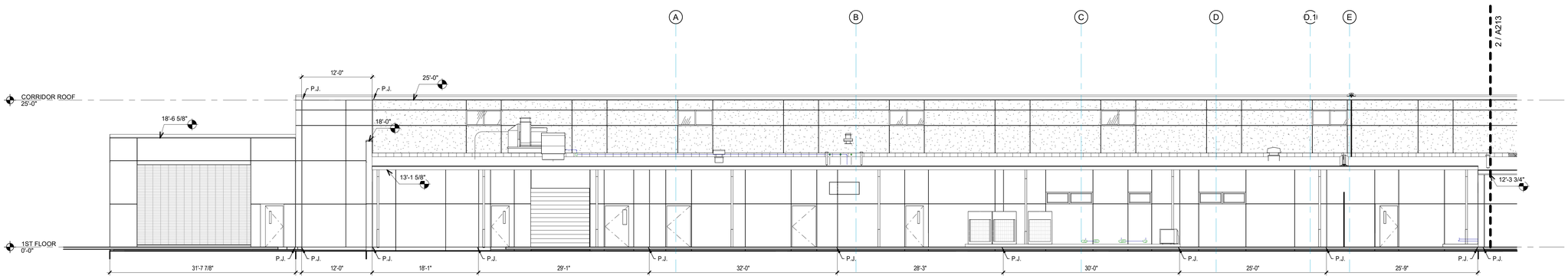
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

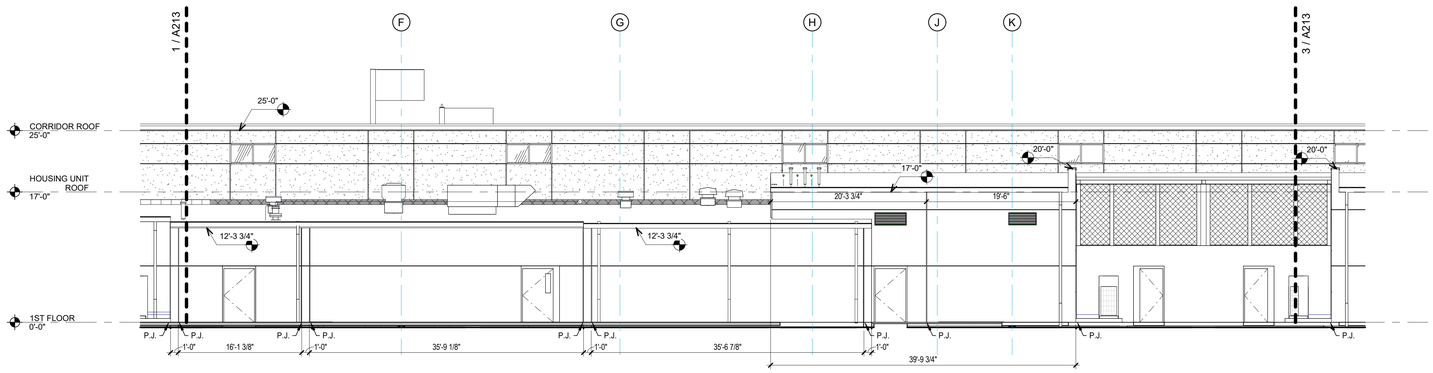
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL ELEVATIONS

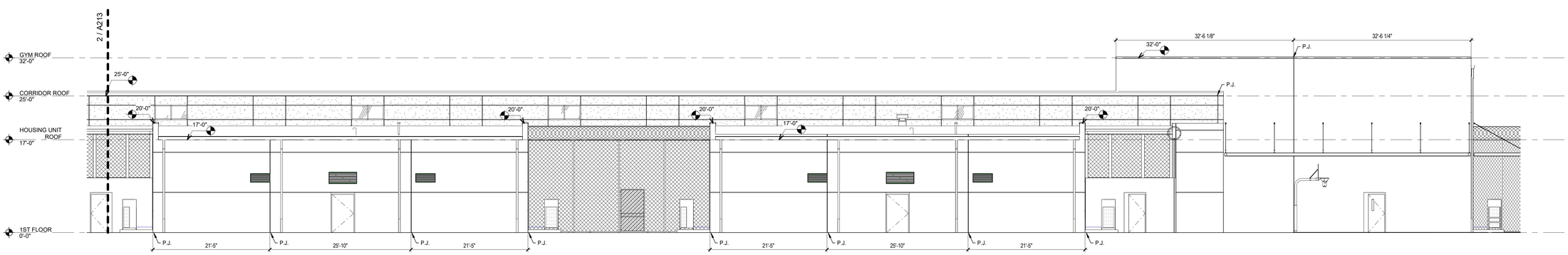
SHEET NUMBER
A212



1 MAIN BUILDING SOUTH ELEVATION TILT-UP - SECTOR A
1/8" = 1'-0"



2 MAIN BUILDING SOUTH ELEVATION TILT-UP - SECTOR B
1/8" = 1'-0"



3 MAIN BUILDING SOUTH ELEVATION TILT-UP - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:15:52 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, CONSTRUCTION OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

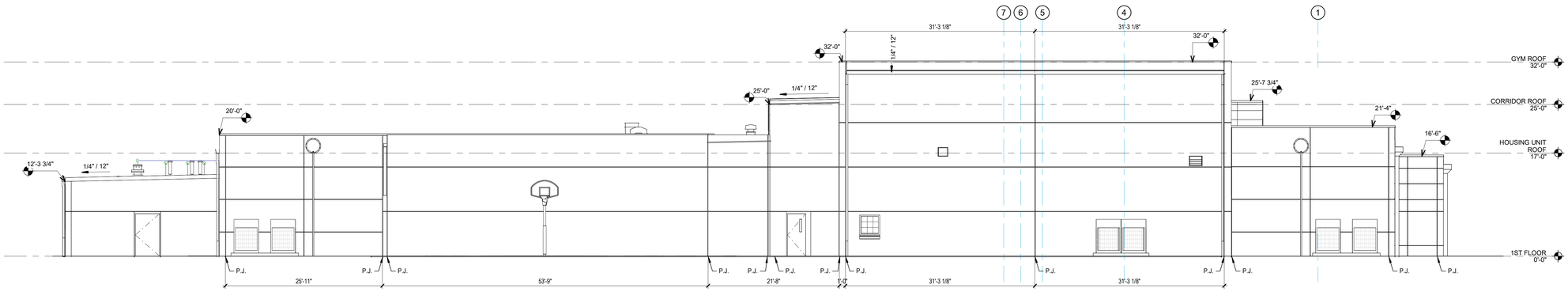
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

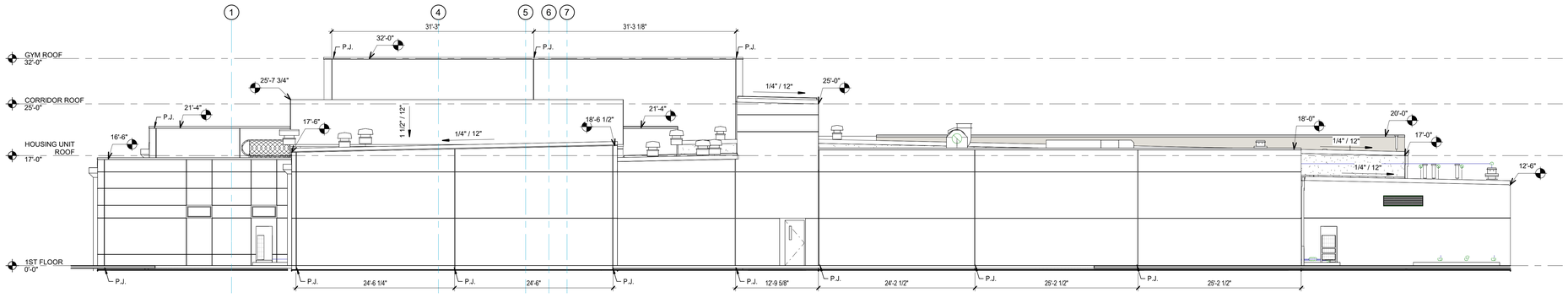
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL ELEVATIONS

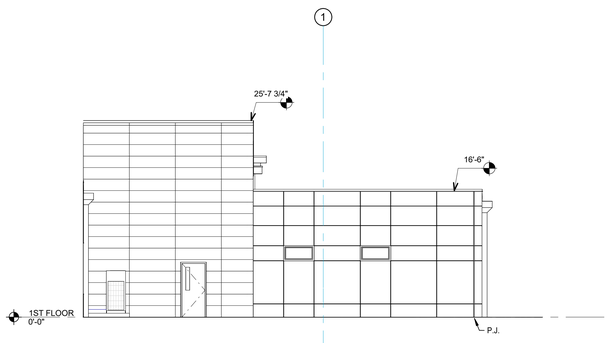
SHEET NUMBER
A213



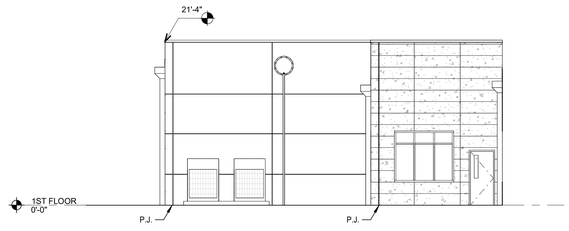
1 MAIN BUILDING EAST ELEVATION TILT-UP
1/8" = 1'-0"



2 MAIN BUILDING WEST ELEVATION TILT-UP
1/8" = 1'-0"



3 MAIN BUILDING INSET ELEVATION TILT-UP
1/8" = 1'-0"



4 MAIN BUILDING INSET ELEVATION TILT-UP
1/8" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION DOCUMENT REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

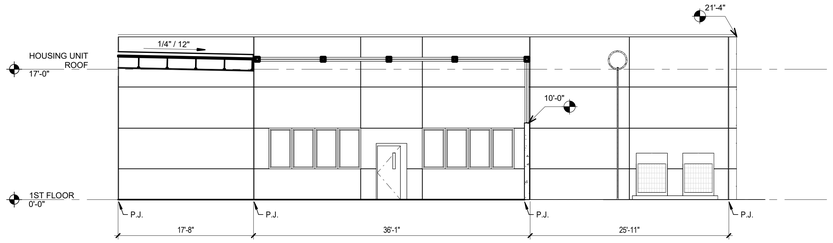
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

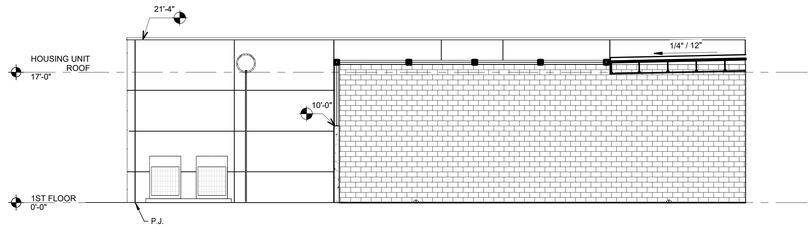
TILT-UP WALL ELEVATIONS

SHEET NUMBER
A214

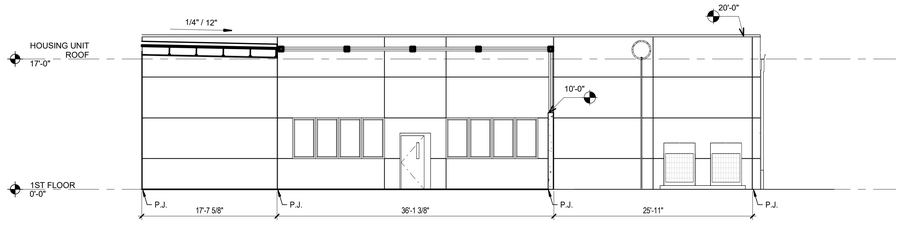
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:15:35 PM



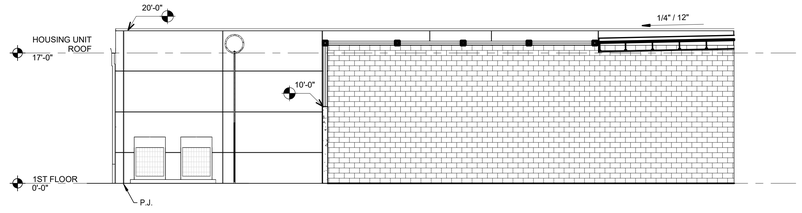
1 REC YARD - NORTH SIDE
1/8" = 1'-0"



2 REC YARD - NORTH SIDE
1/8" = 1'-0"



3 REC YARD - SOUTH SIDE
1/8" = 1'-0"



4 REC YARD - SOUTH SIDE
1/8" = 1'-0"

Grace
Design Studios

GERALD DAVID HEBERT II
LIC. No. 47107
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

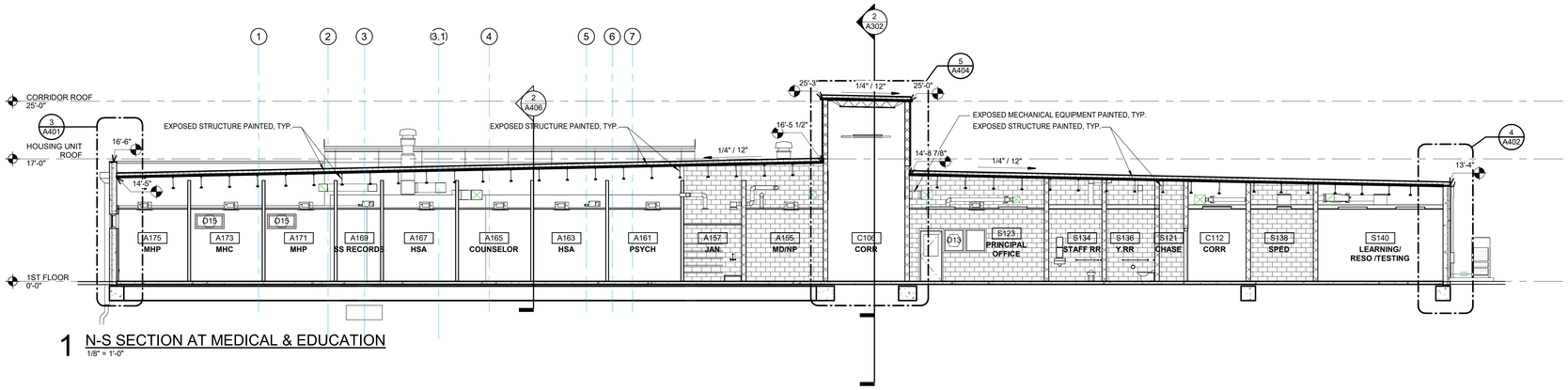
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

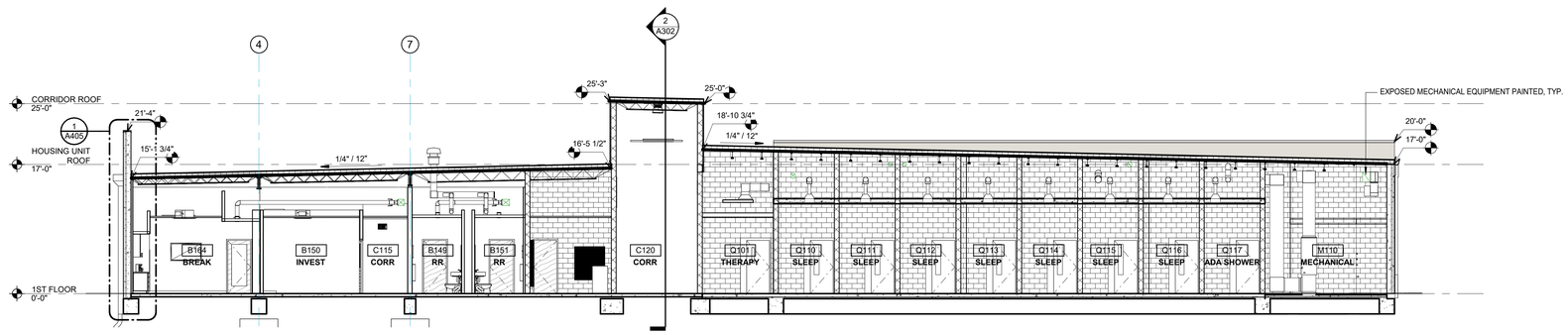
TILT-UP WALL ELEVATIONS

SHEET NUMBER
A215

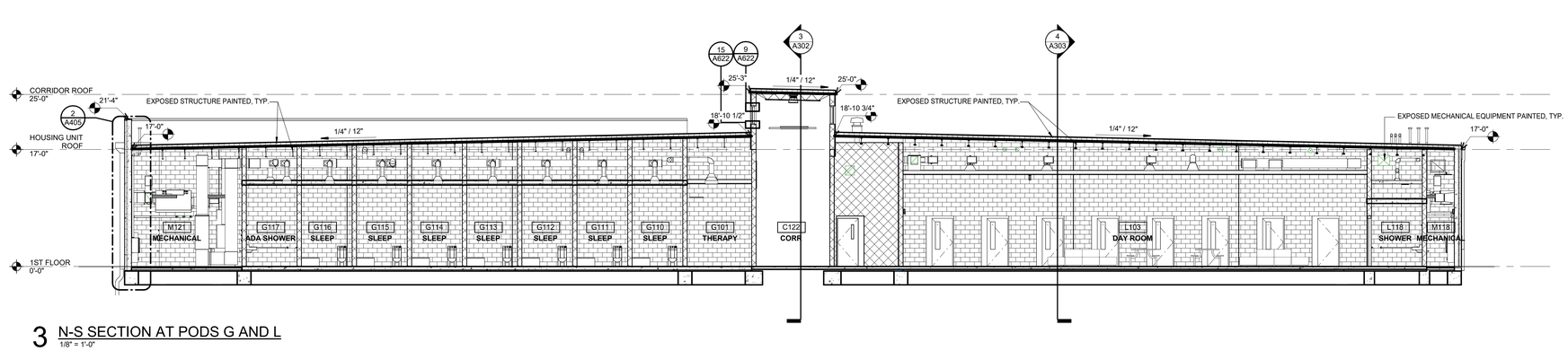
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:15:53 PM



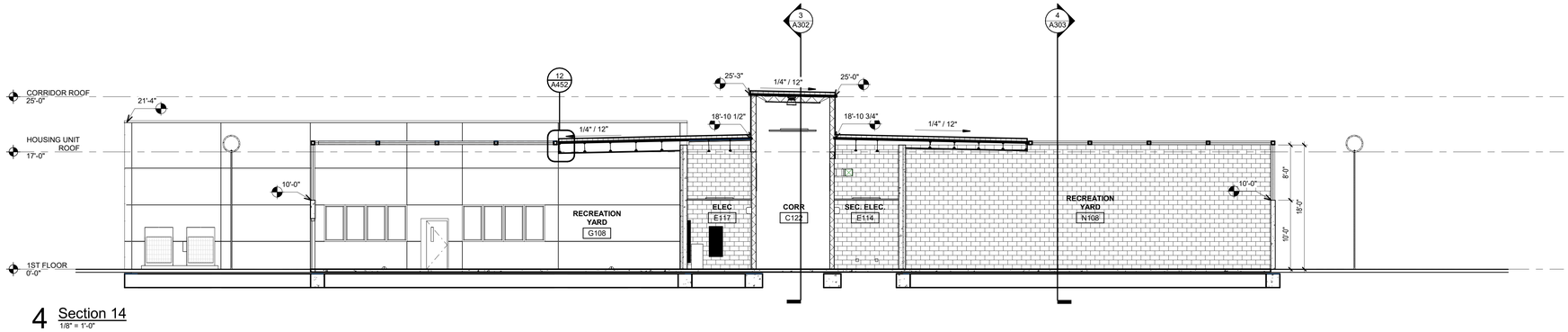
1 N-S SECTION AT MEDICAL & EDUCATION
1/8" = 1'-0"



2 N-S SECTION AT ADMIN & POD Q
1/8" = 1'-0"



3 N-S SECTION AT PODS G AND L
1/8" = 1'-0"



4 Section 14
1/8" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

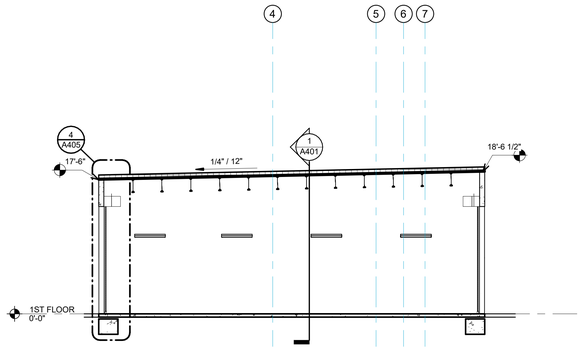
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

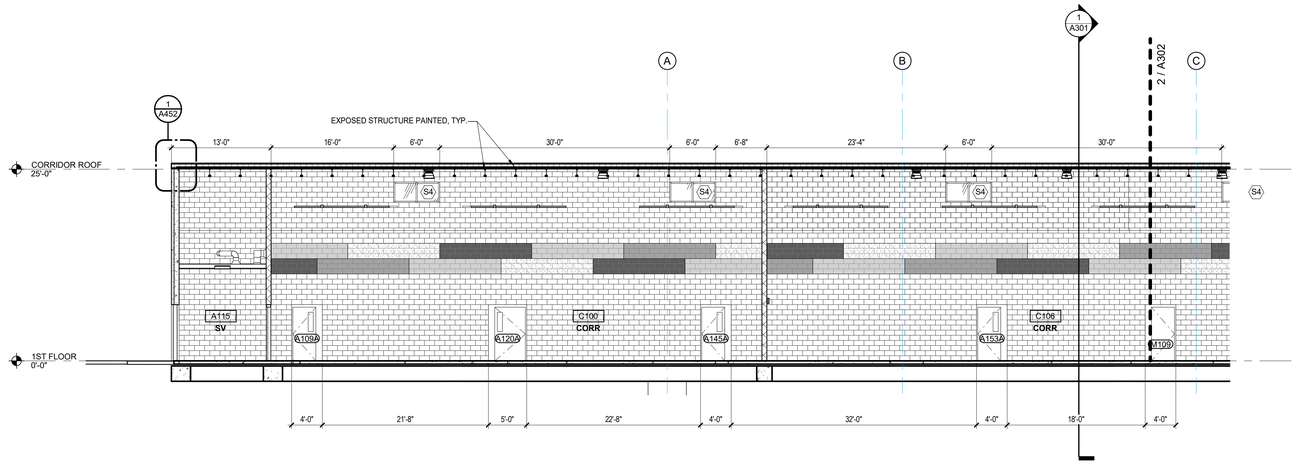
BUILDING SECTIONS

SHEET NUMBER
A301

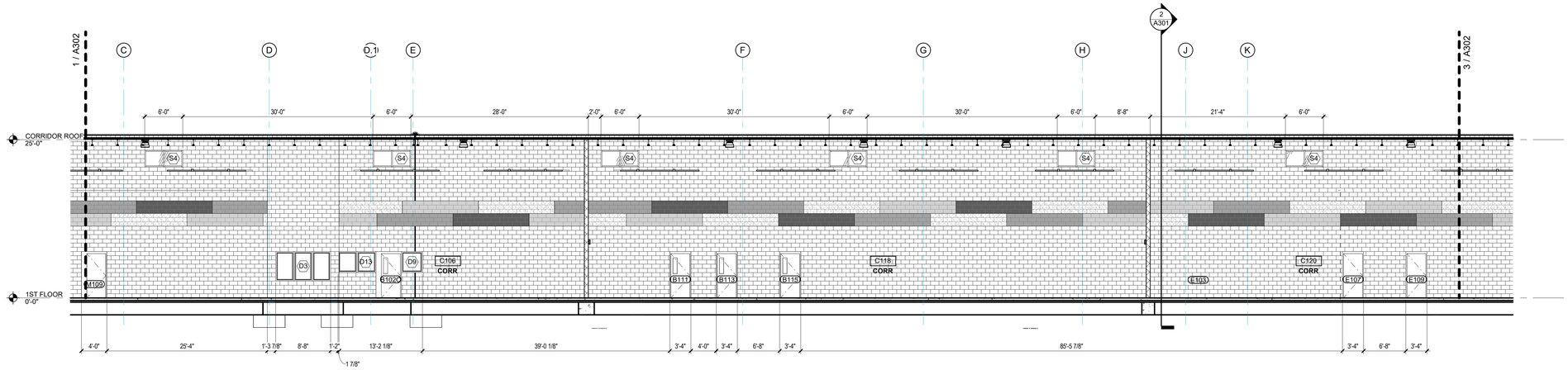
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/10/2026 12:22 PM



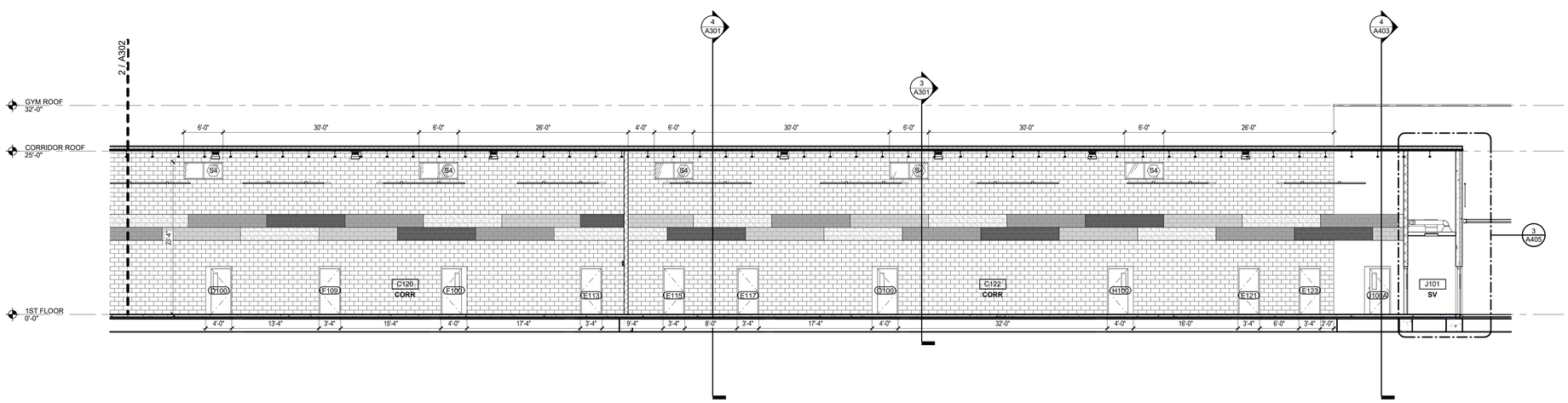
4 Section 18
1/8" = 1'-0"



1 E-W SECTION AT CORRIDOR - SECTOR A
1/8" = 1'-0"



2 E-W SECTION AT CORRIDOR - SECTOR B
1/8" = 1'-0"



3 E-W SECTION AT CORRIDOR - SECTOR C
1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 12:25 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

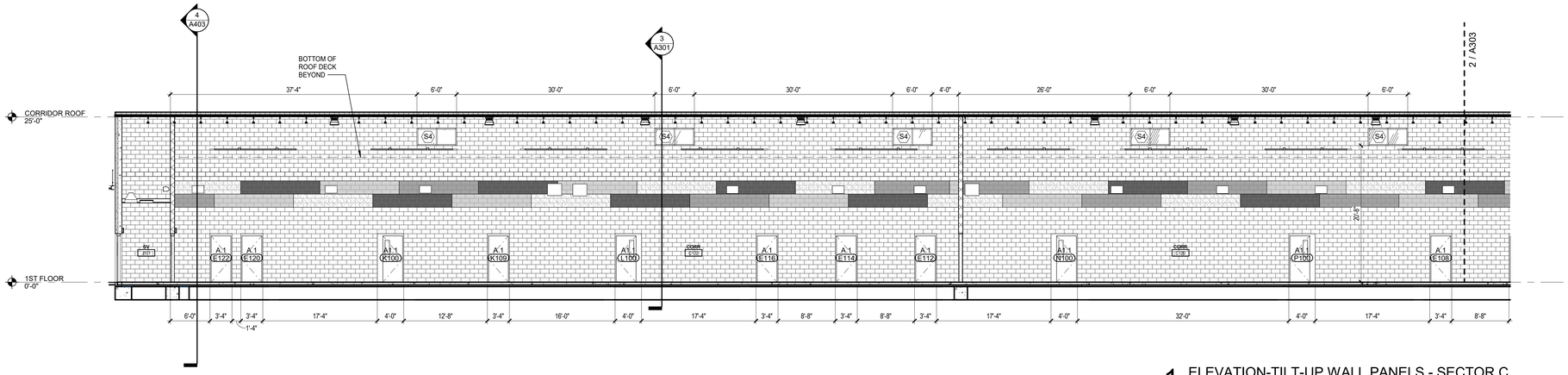
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

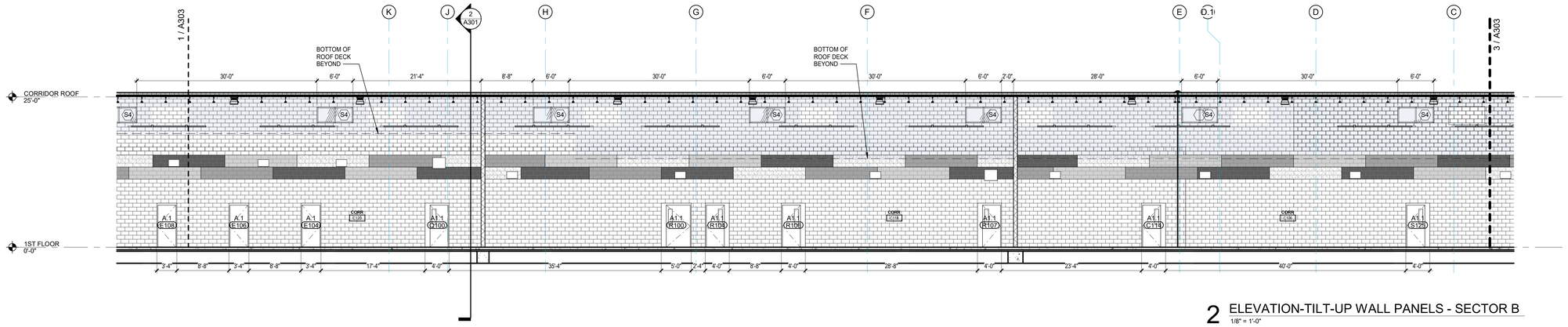
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING SECTIONS

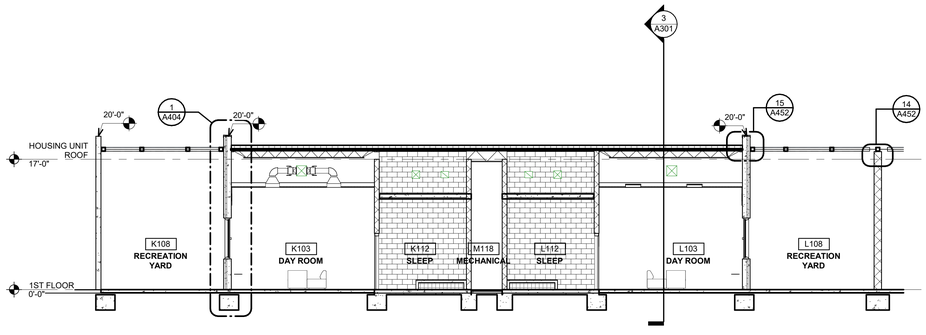
SHEET NUMBER
A302



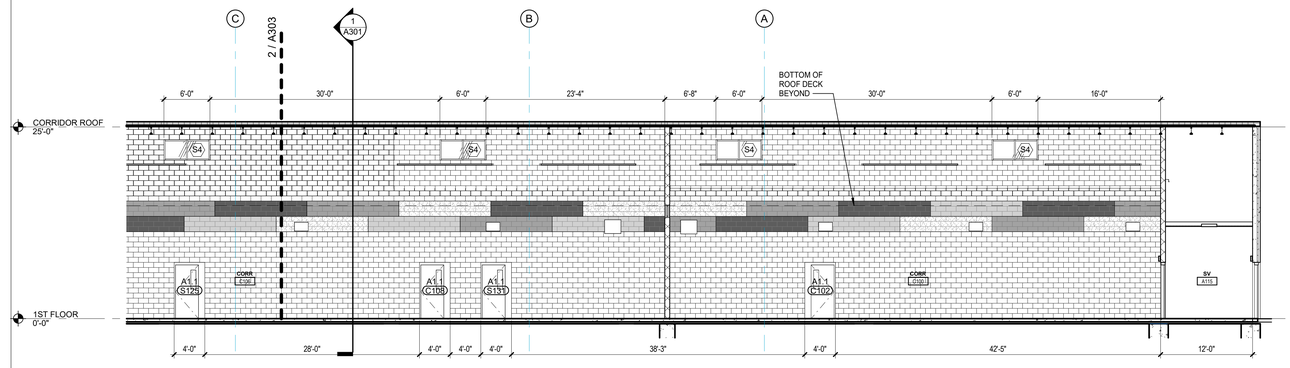
1 ELEVATION-TILT-UP WALL PANELS - SECTOR C
1/8" = 1'-0"



2 ELEVATION-TILT-UP WALL PANELS - SECTOR B
1/8" = 1'-0"



4 E-W SECTION AT PODS K & L
1/8" = 1'-0"



3 ELEVATION-TILT-UP WALL PANELS - SECTOR A
1/8" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

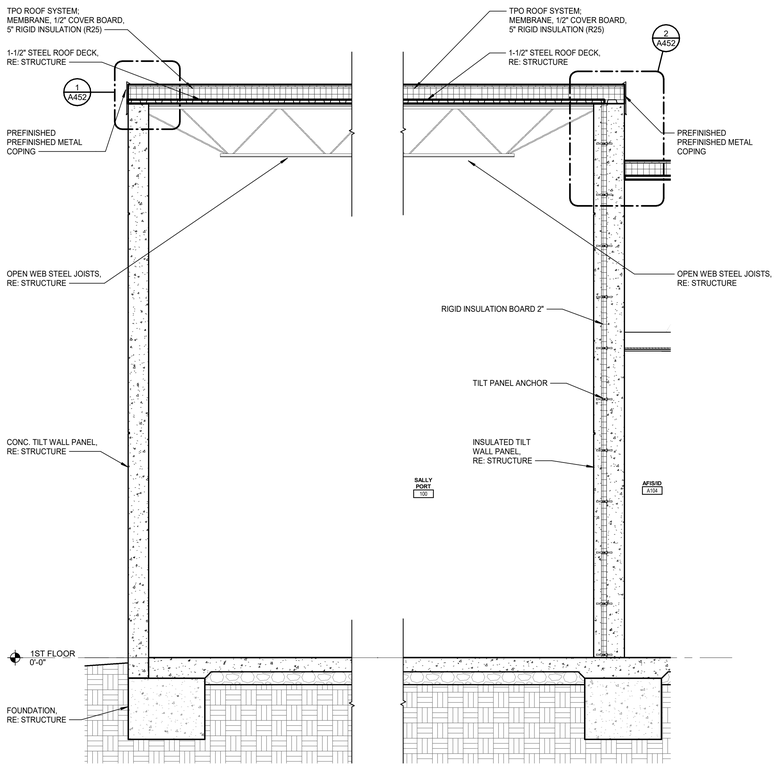
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

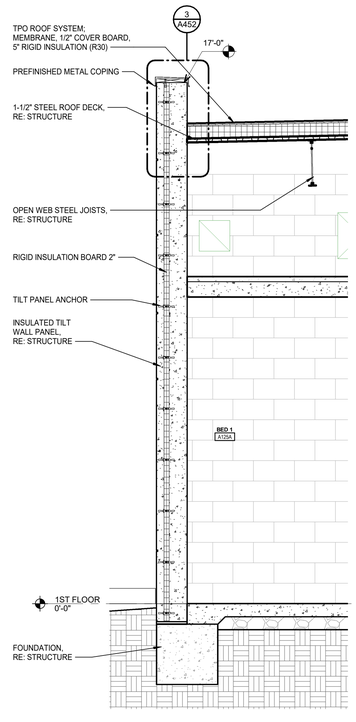
BUILDING SECTION

SHEET NUMBER
A303

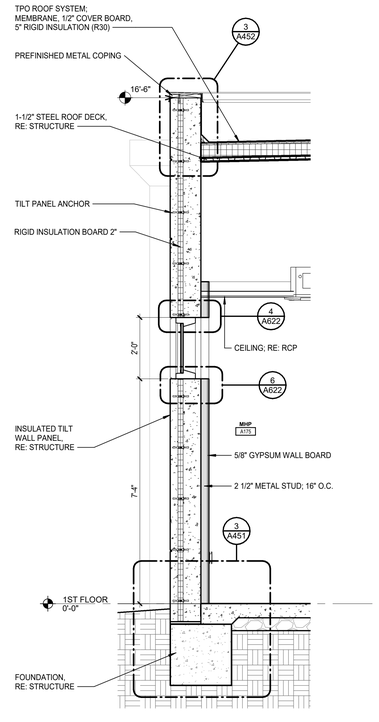
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:29 PM



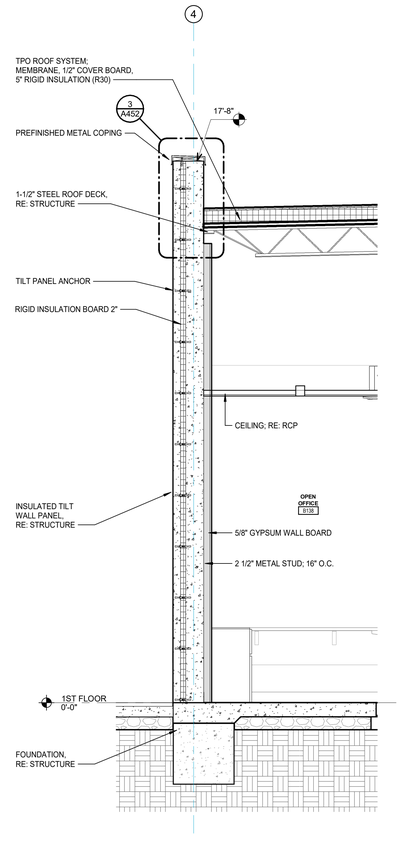
1 SECTION AT SALLY PORT
1/2" = 1'-0"



2 WALL SECTION AT MEDICAL
1/2" = 1'-0"



3 WALL SECTION AT MEDICAL OFFICES
1/2" = 1'-0"



4 WALL SECTION AT OPEN OFFICE
1/2" = 1'-0"

Grace
Design Studios

GERALD DAVID HEBERT II
LICENSE No. 41797
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

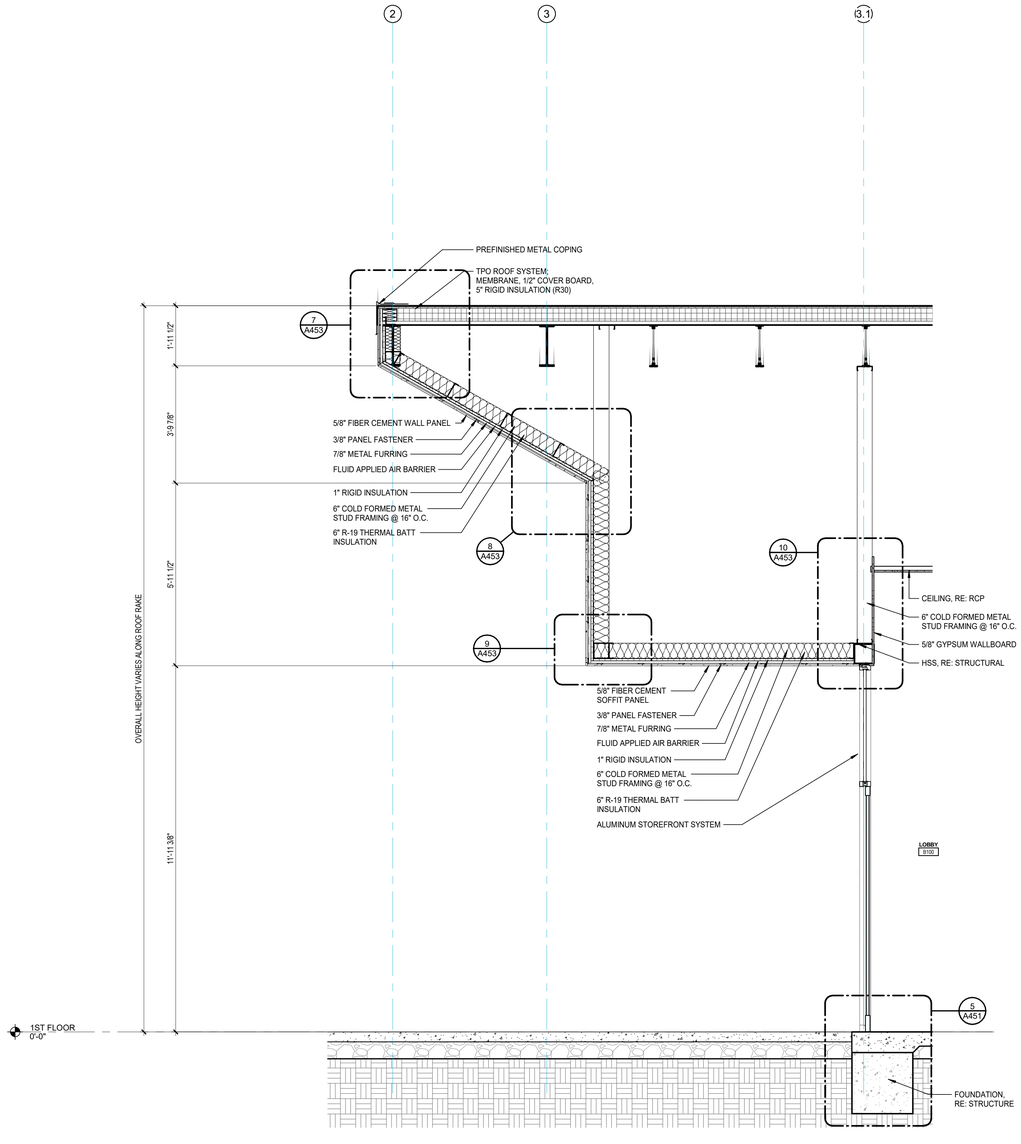
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

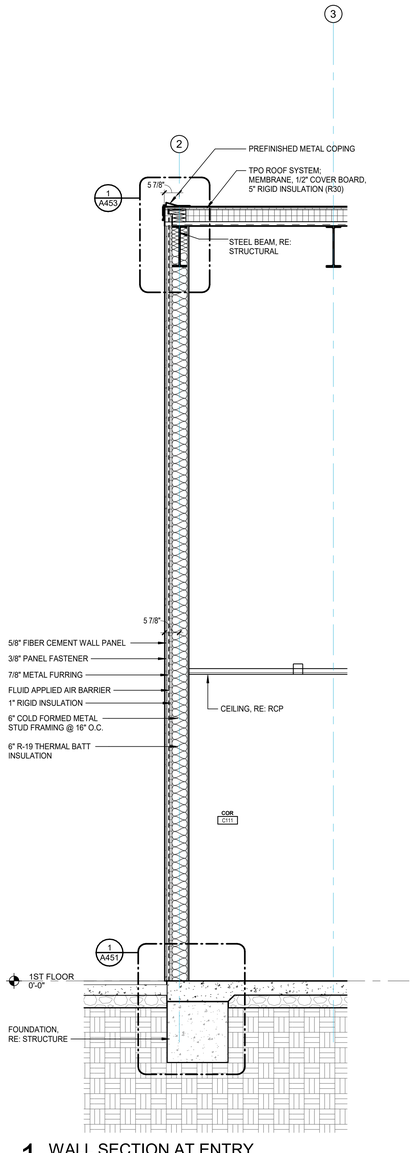
WALL SECTIONS

SHEET NUMBER
A401

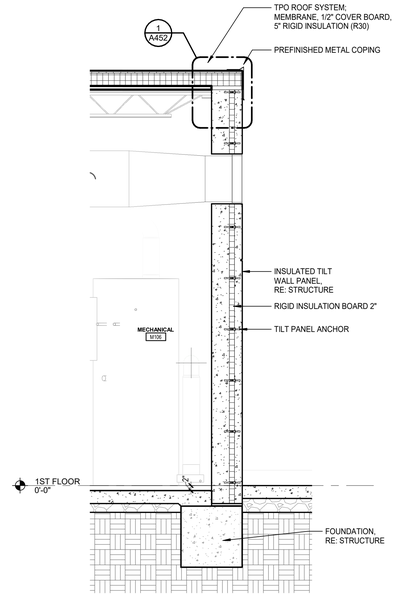
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:22:24 PM



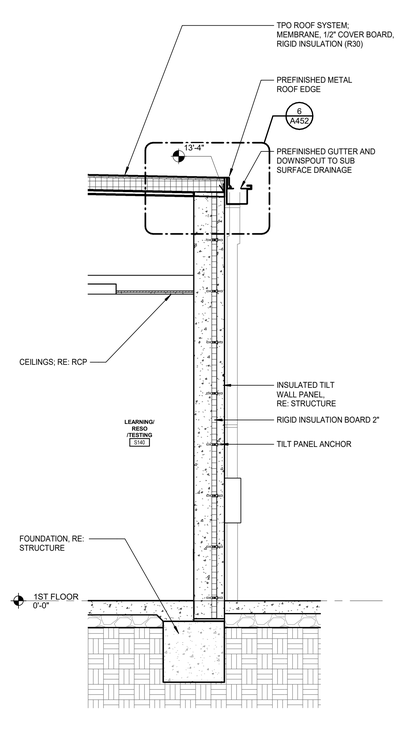
2 WALL SECTION AT ENTRY
1/2" = 1'-0"



1 WALL SECTION AT ENTRY
1/2" = 1'-0"



3 Section 34
1/2" = 1'-0"



4 WALL SECTION AT EDUCATION
1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:26:39 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTED MATERIAL REPOSITORY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

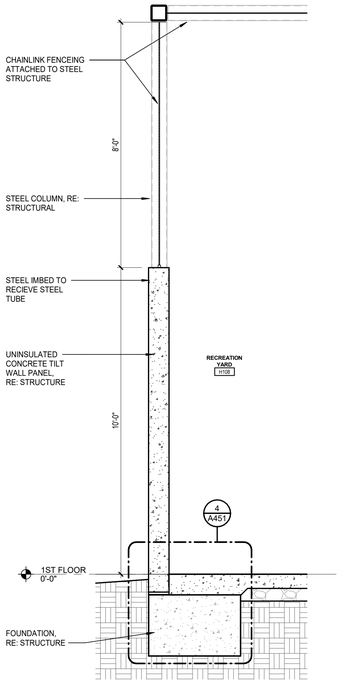
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

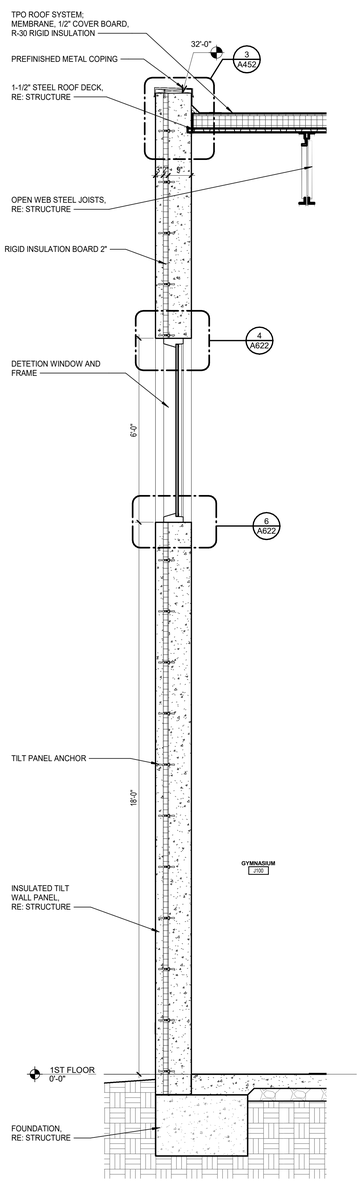
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

WALL SECTIONS

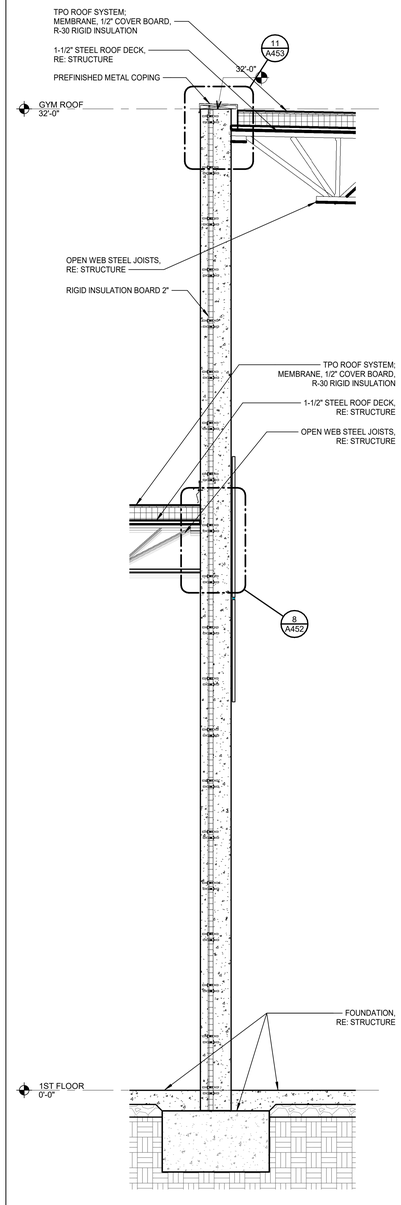
SHEET NUMBER
A402



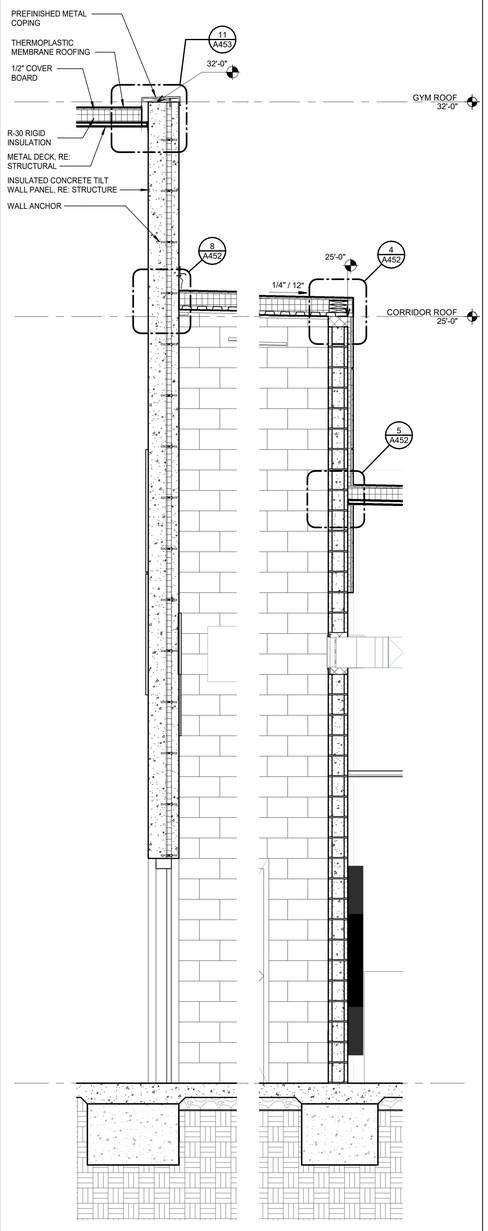
1 WALL SECTION AT REC YARD
1/2" = 1'-0"



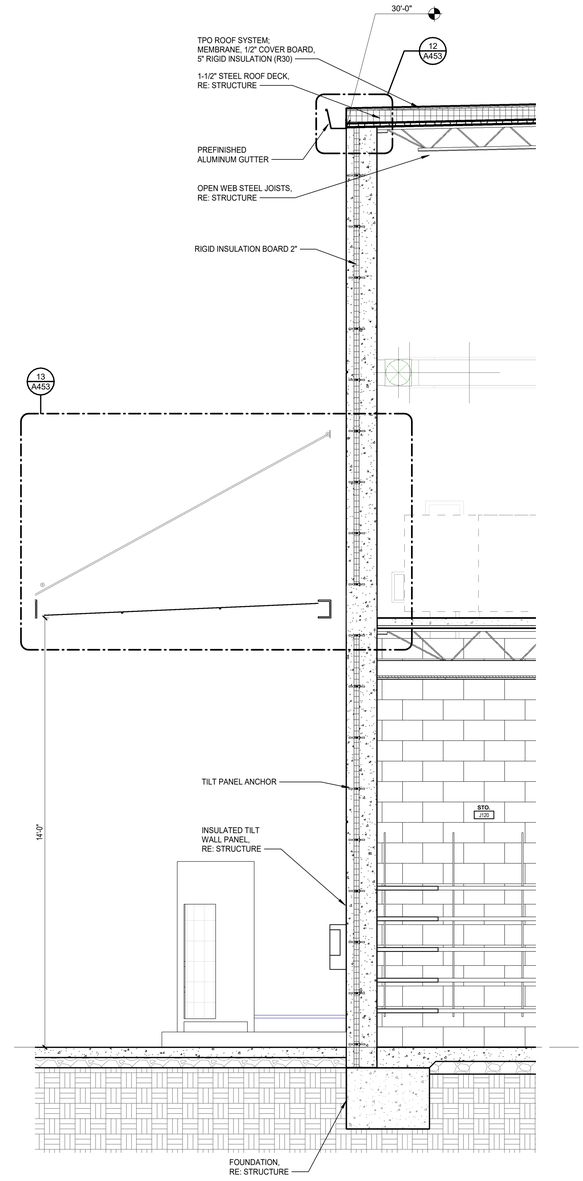
2 WALL SECTION AT NORTH WALL OF GYM
1/2" = 1'-0"



3 WALL SECTION AT WEST WALL OF GYM
1/2" = 1'-0"



4 WALL SECTION AT SOUTH WALL OF GYM
1/2" = 1'-0"



5 WALL SECTION AT EAST WALL OF GYM
1/2" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN ROOM OR CONSTRUCTION DOCUMENT REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

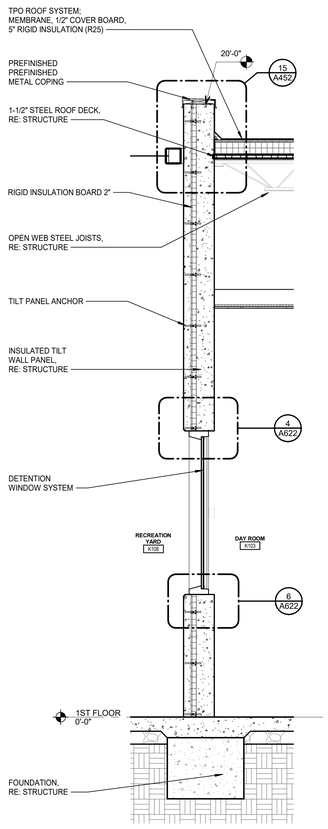
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

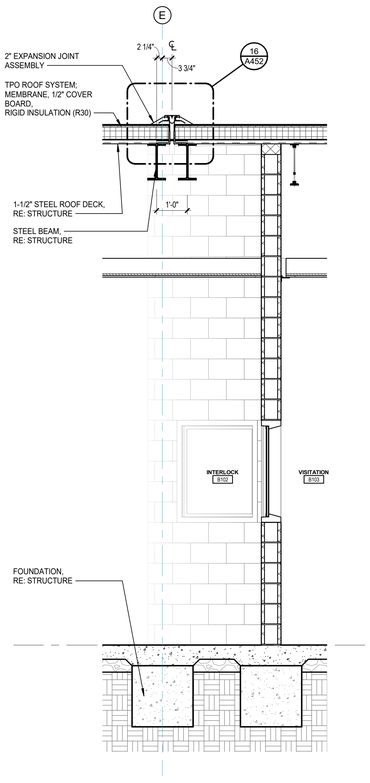
WALL SECTIONS

SHEET NUMBER
A403

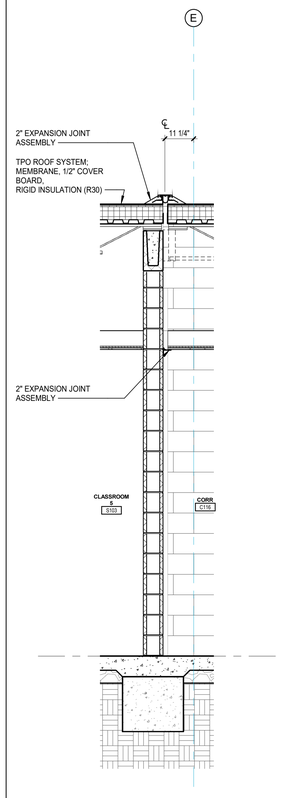
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:24:49 PM



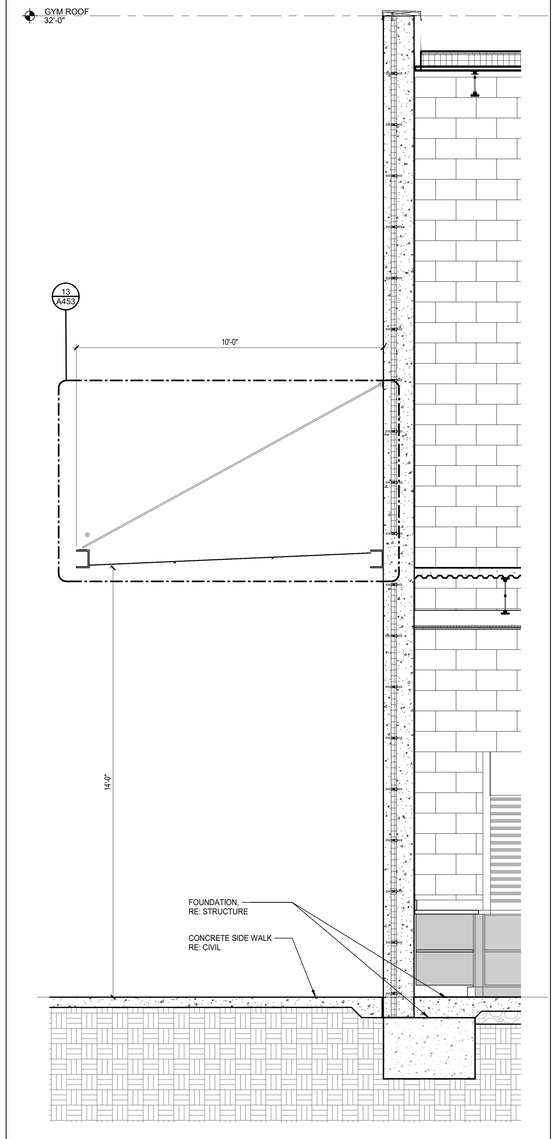
1 WALL SECTION AT DAY ROOM
1/2" = 1'-0"



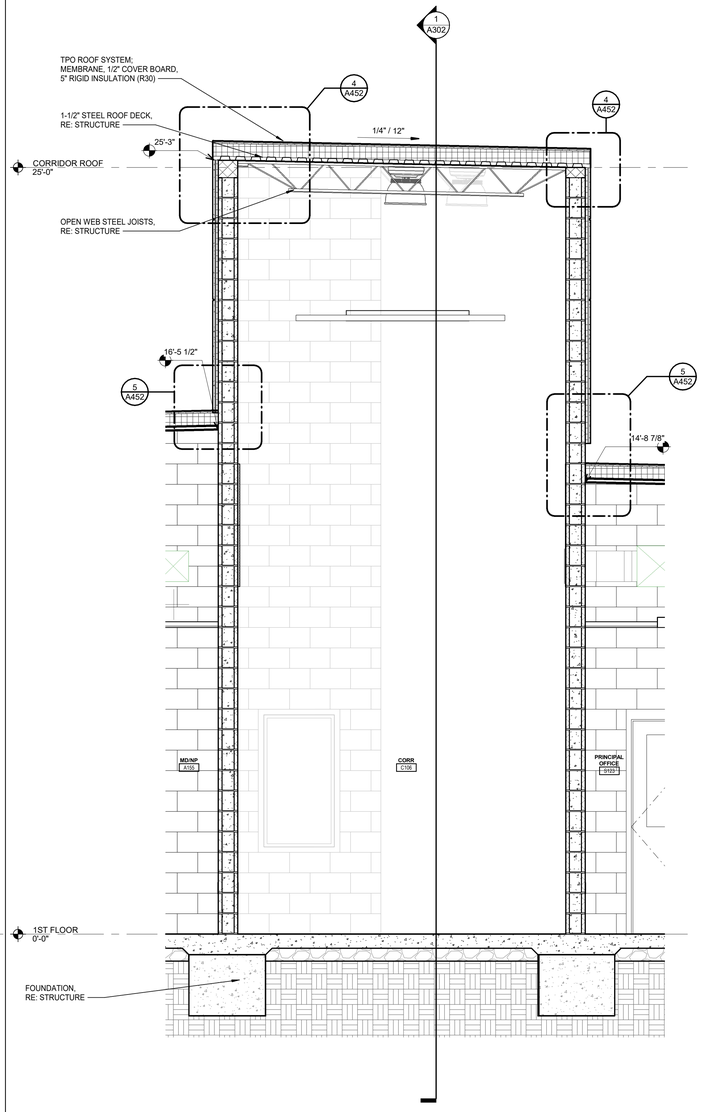
2 WALL SECTION - @ EXPANSION JOINT
1/2" = 1'-0"



3 WALL SECTION @ EXPANSION JOINT
1/2" = 1'-0"



4 WALL SECTION AT SOUTH WALL OF GYM
1/2" = 1'-0"



5 WALL SECTION AT CENTRAL CORRIDOR
1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:24:44 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

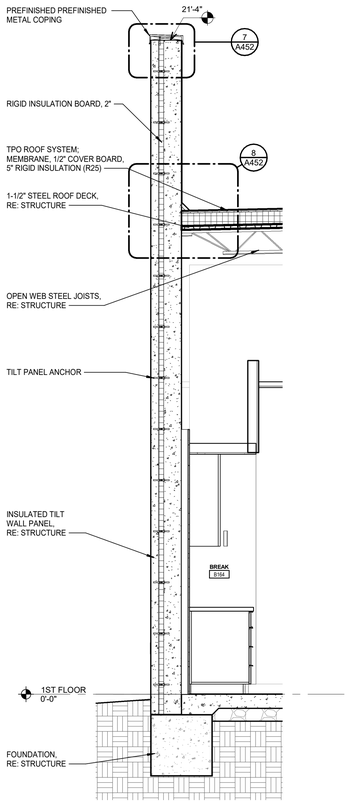
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

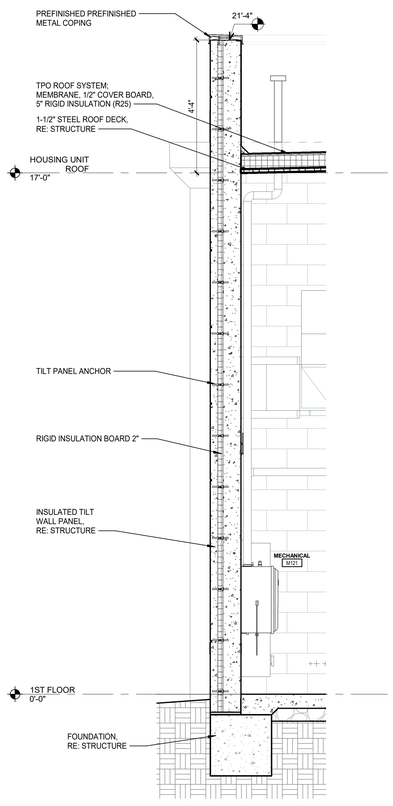
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

WALL SECTIONS

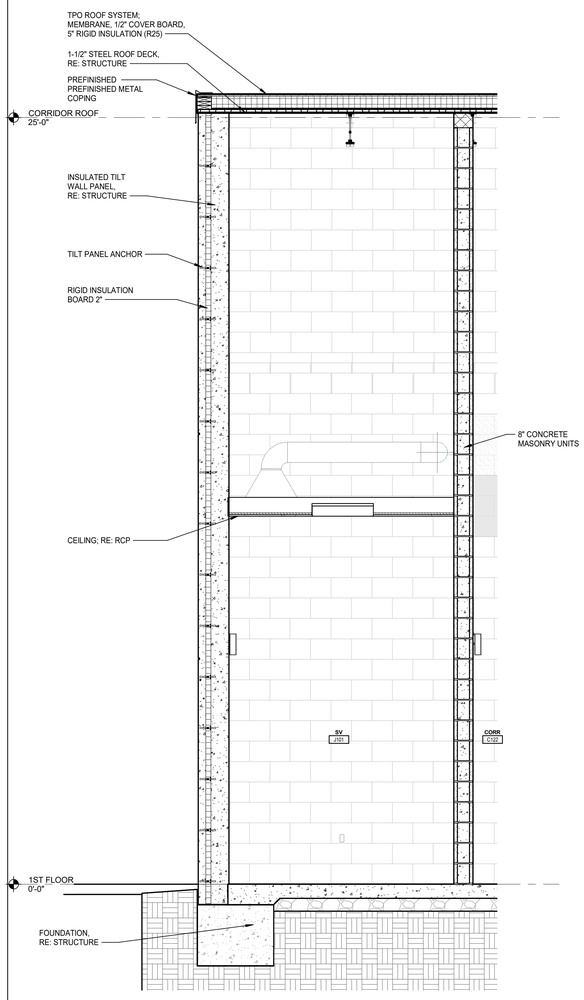
SHEET NUMBER
A404



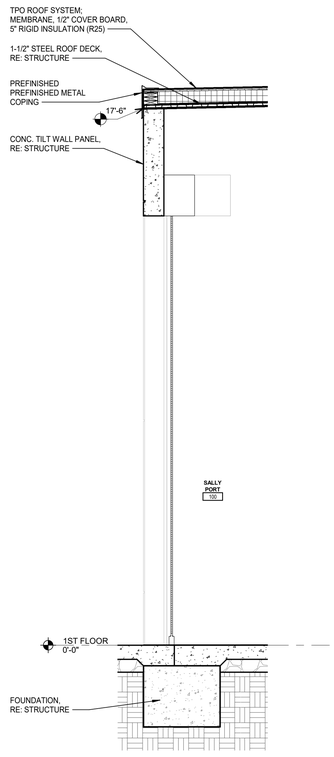
1 WALL SECTION AT ADMIN
1/2" = 1'-0"



2 WALL SECTION AT SLEEPING POD MECH
1/2" = 1'-0"



3 WALL SECTION AT END OF CORRIDOR
1/2" = 1'-0"



4 WALL SECTION AT SALLYPORT
1/2" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

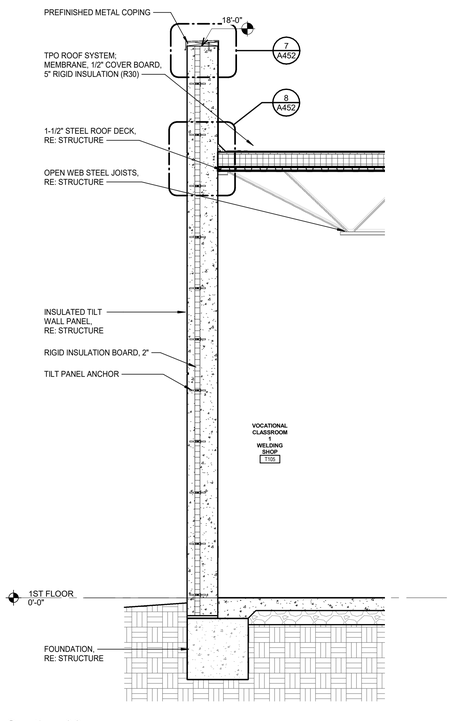
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

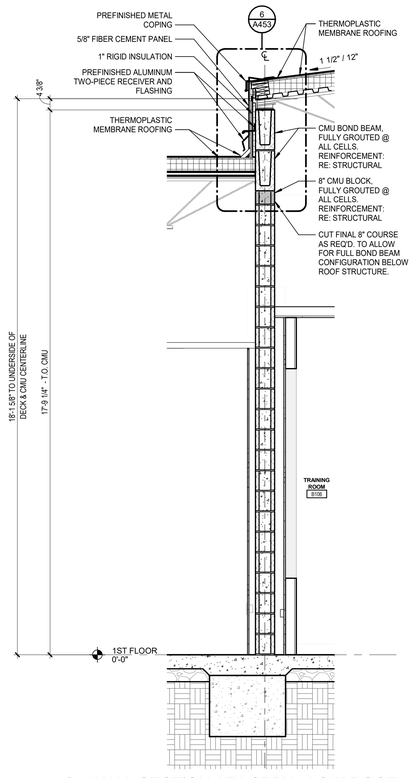
WALL SECTIONS

SHEET NUMBER
A405

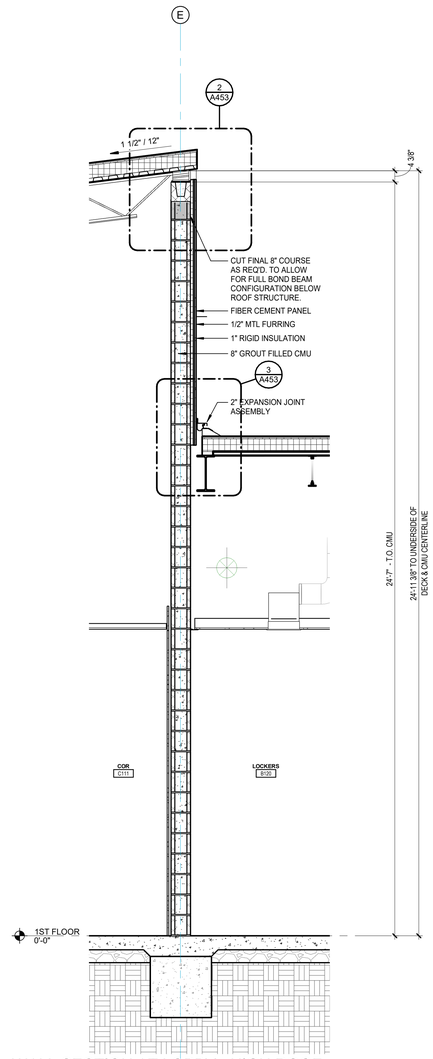
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:24:48 PM



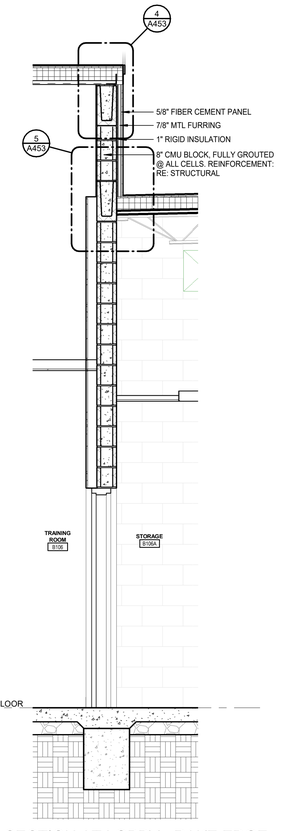
1 Section 39
1/2" = 1'-0"



2 WALL SECTION AT LOBBY - LOW ROOF
1/2" = 1'-0"



3 WALL SECTION AT LOBBY - HIGH ROOF
1/2" = 1'-0"



4 WALL SECTION AT LOBBY - RAKE EDGE
1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:13:39 PM

Grace
Design Studios

GERALD DAVID HEBERT II
REG. No. 41
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

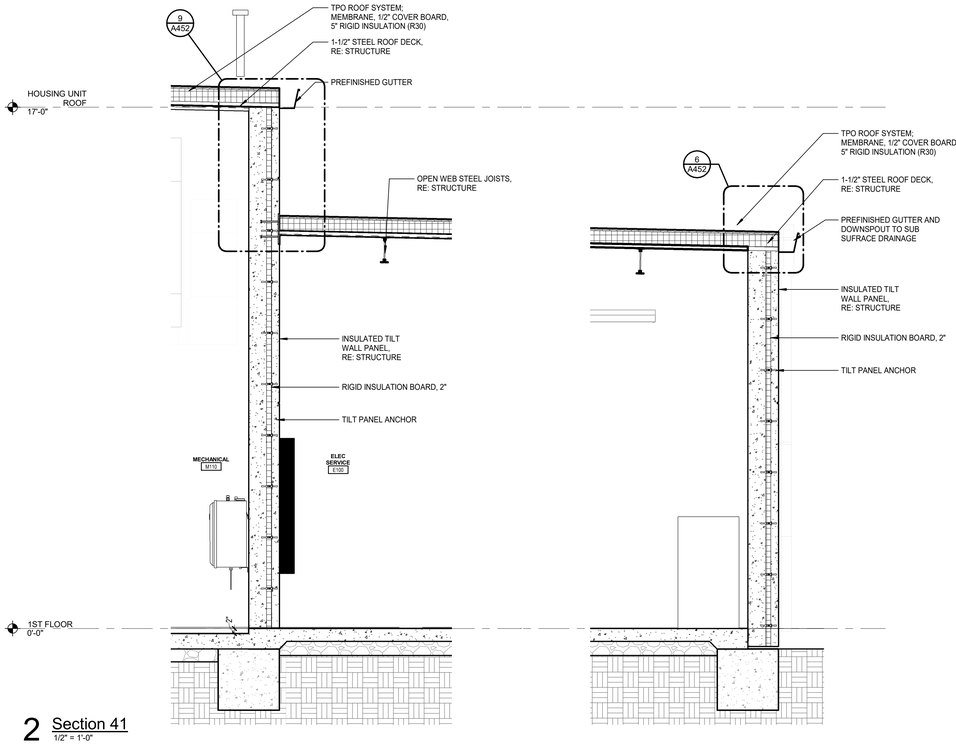
PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

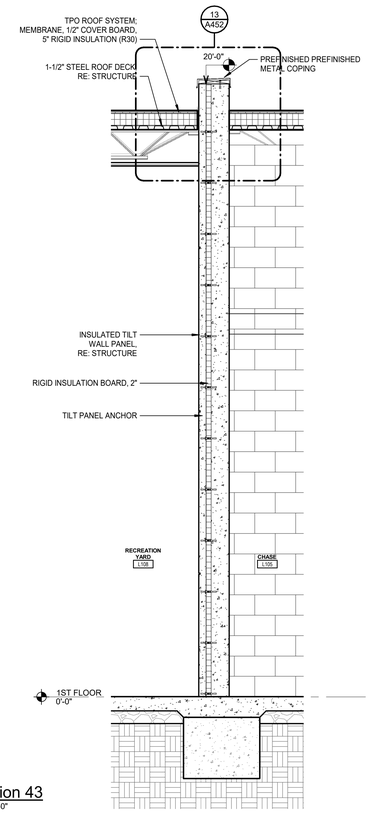
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

WALL SECTIONS

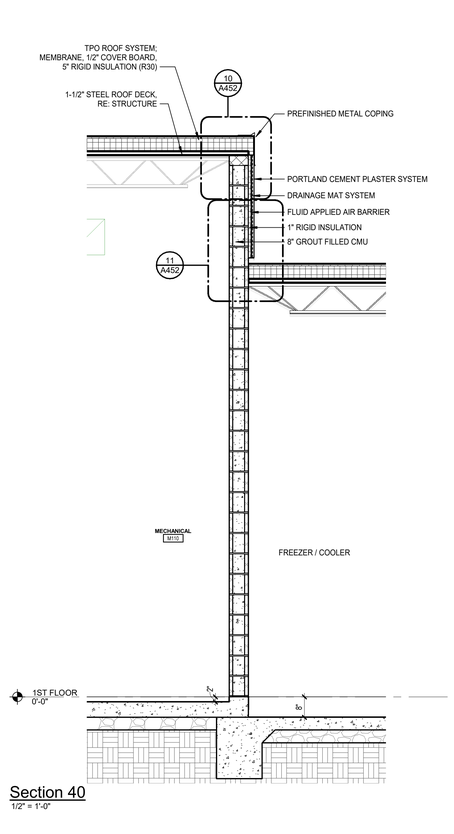
SHEET NUMBER
A406



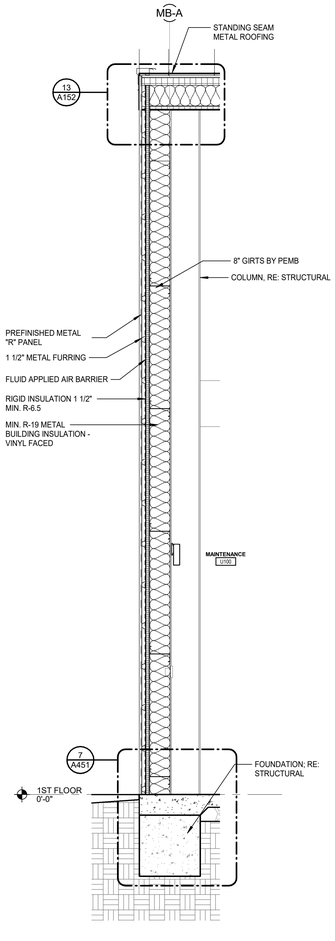
2 Section 41
1/2" = 1'-0"



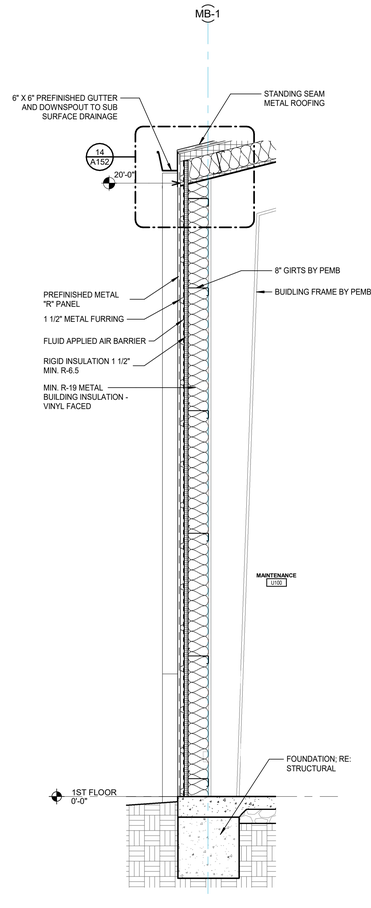
3 Section 43
1/2" = 1'-0"



1 Section 40
1/2" = 1'-0"



4 WALL SECTION - MAINTENANCE BUILDING RAKE
1/2" = 1'-0"



5 WALL SECTION - MAINTENANCE BUILDING EAVE
1/2" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR PRINTING REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000780) &
08-403-24-01, F.080001650
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

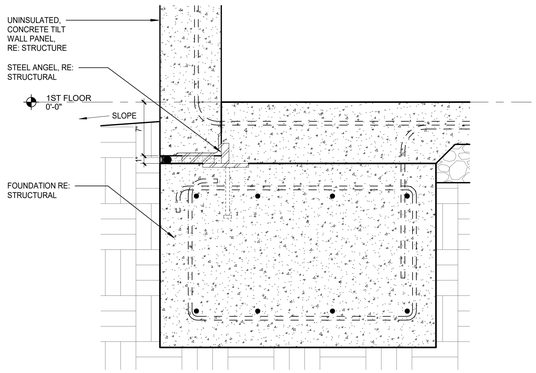
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

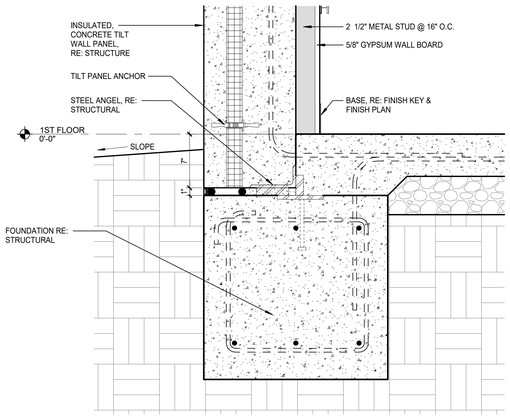
WALL SECTIONS

SHEET NUMBER
A407

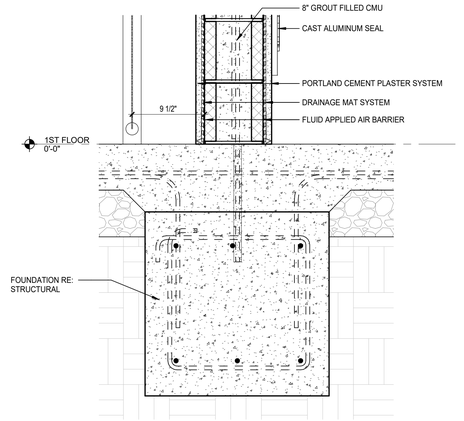
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:12:35 PM



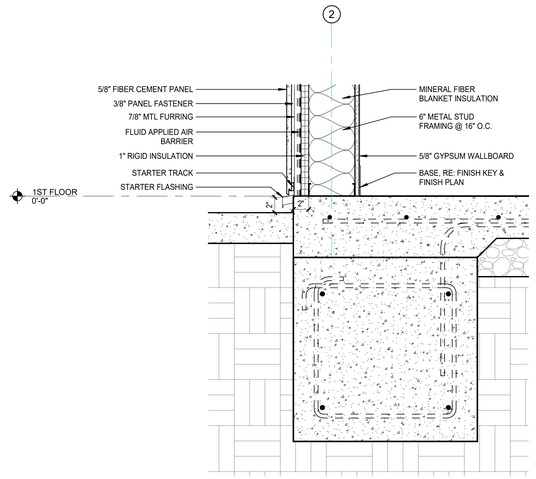
4 FOUNDATION DETAIL @ UNINSULATED TILT WALL
1 1/2" = 1'-0"



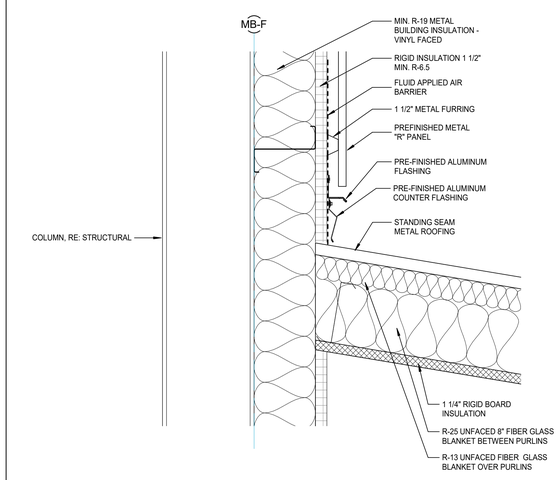
3 FOUNDATION DETAIL @ INSULATED TILT WALL
1 1/2" = 1'-0"



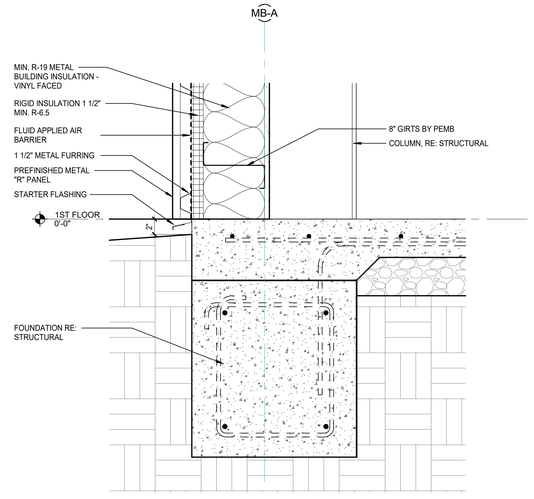
2 WALL BASE DETAIL @ STUCCO - SIGNAGE WALL
1 1/2" = 1'-0"



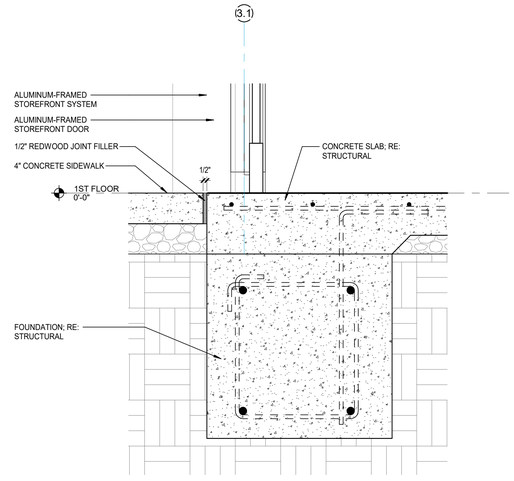
1 WALL BASE DETAIL @ FIBER CEMENT
1 1/2" = 1'-0"



6 LOW ROOF DETAIL @ MAINTENANCE BUILDING
1 1/2" = 1'-0"



7 WALL BASE DETAIL @ MAINTENANCE BUILDING
1 1/2" = 1'-0"



5 WALL SECTION AT ENTRY
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 12:27 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

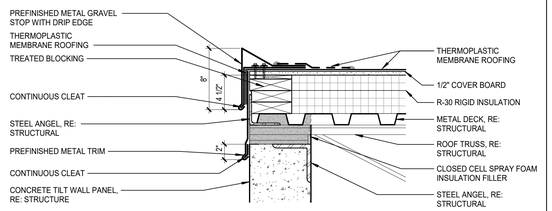
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

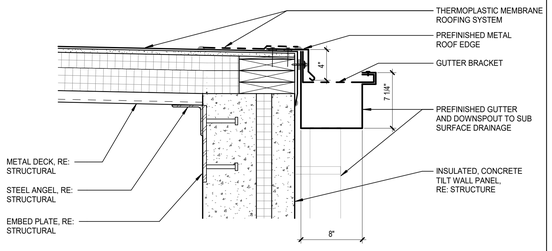
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

WALL SECTION DETAILS

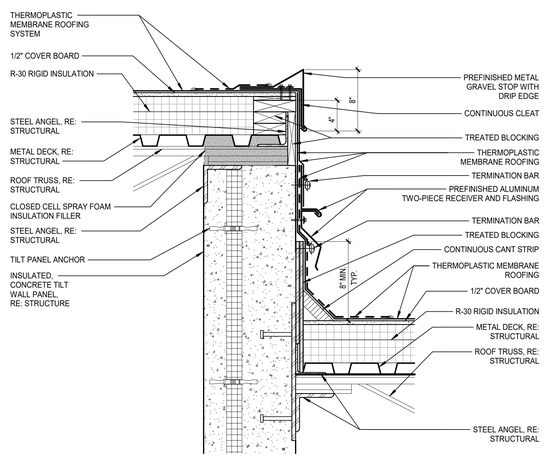
SHEET NUMBER
A451



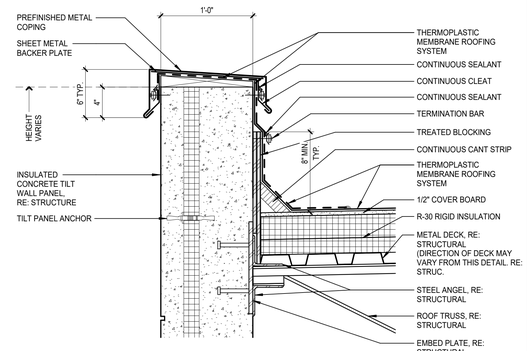
1 SALLYPORT - RAKE EDGE
1 1/2" = 1'-0"



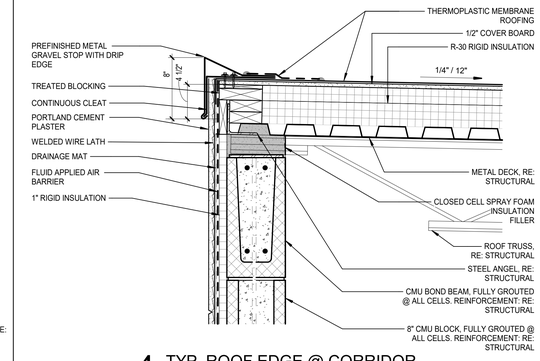
6 TYP. ROOF EDGE @ GUTTER
1 1/2" = 1'-0"



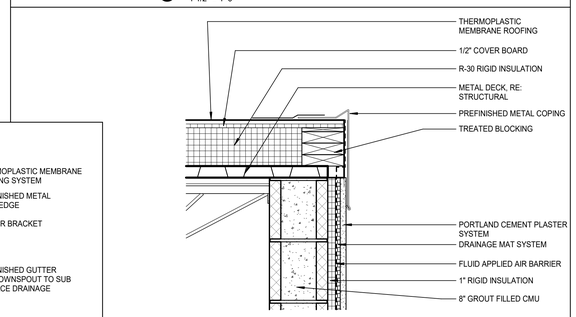
2 SALLY PORT SECTION DETAIL @ ROOF HEIGHT TRANSITION
1 1/2" = 1'-0"



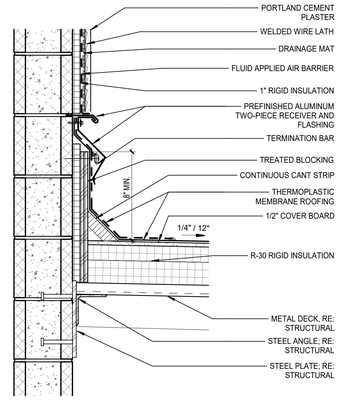
3 ROOF DETAIL @ TILT WALL PARAPET
1 1/2" = 1'-0"



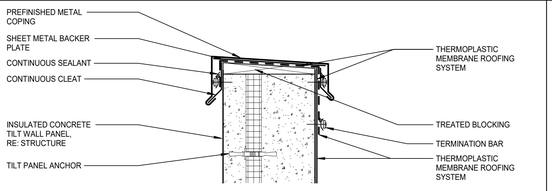
4 TYP. ROOF EDGE @ CORRIDOR
1 1/2" = 1'-0"



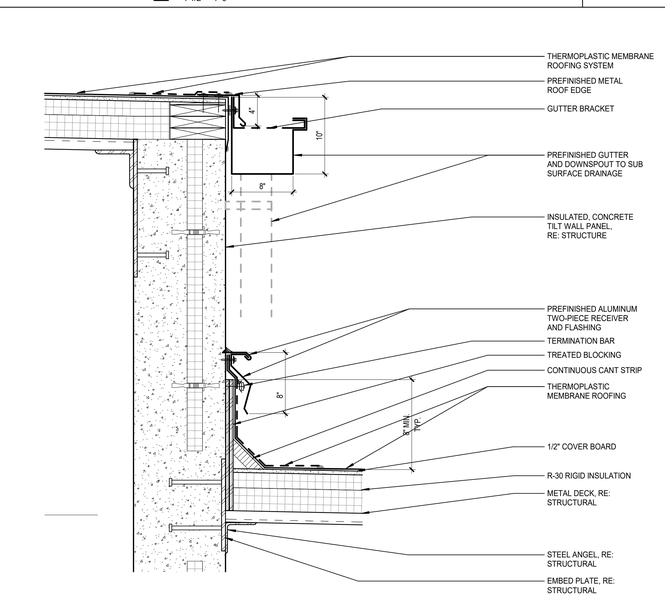
10 CMU WALL TO ROOF TRANSITION @ RAKE DETAIL
1 1/2" = 1'-0"



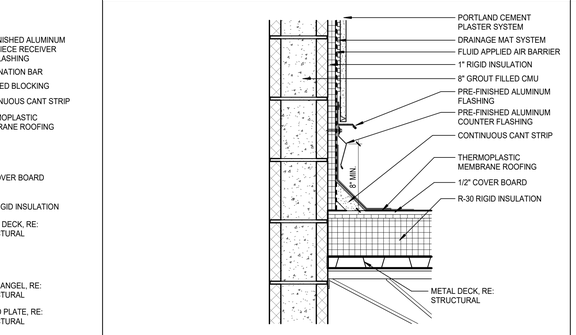
5 TYP. WALL TO ROOF TRANSITION @ CORRIDOR
1 1/2" = 1'-0"



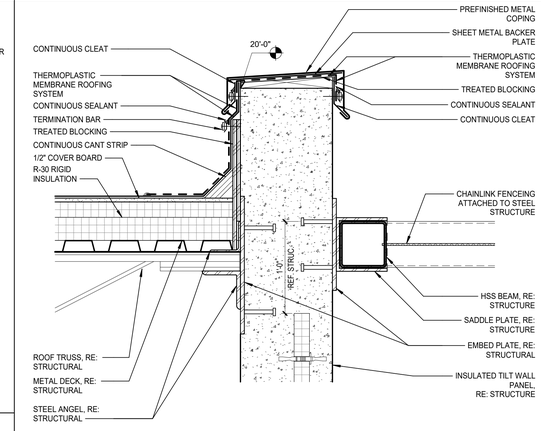
7 TILT-UP PANEL PARAPET COPING DETAIL
1 1/2" = 1'-0"



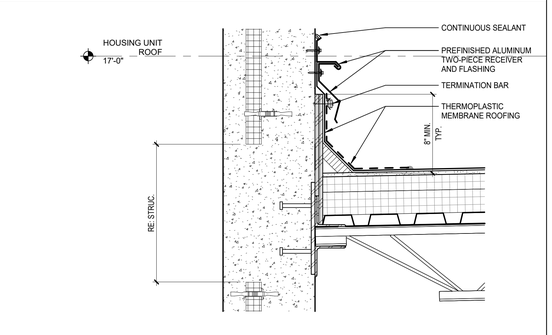
9 ROOF TO WALL TRANSITION DETAIL
1 1/2" = 1'-0"



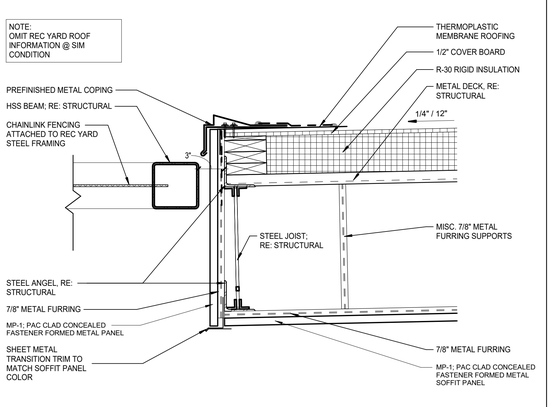
11 CMU WALL TO ROOF TRANSITION @ RAKE DETAIL
1 1/2" = 1'-0"



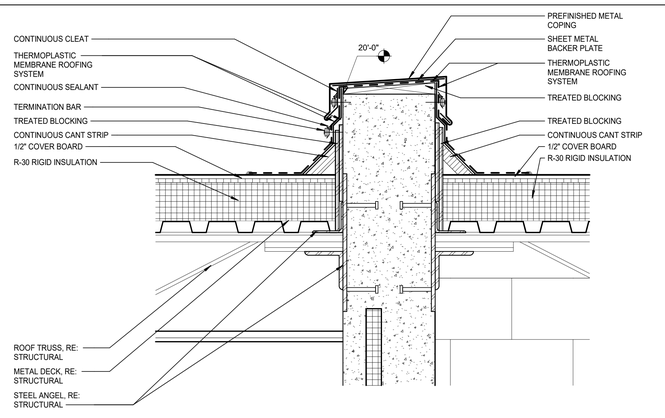
15 DETAIL - REC YARD TRANSITION
1 1/2" = 1'-0"



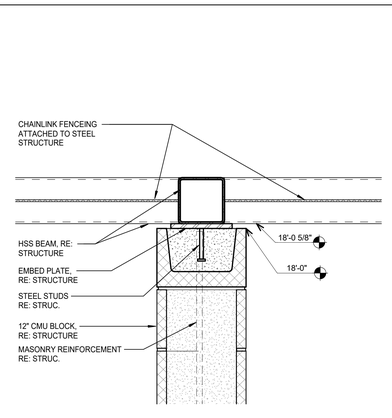
8 TILT-UP WALL ROOF TO WALL TRANSITION DETAIL
1 1/2" = 1'-0"



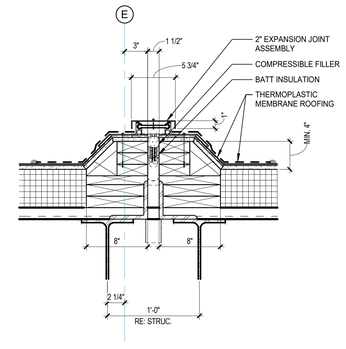
12 DETAIL - REC YARD TRANSITION
1 1/2" = 1'-0"



13 ROOF @ REC YARD PARAPET
1 1/2" = 1'-0"



14 ROOF CONNECTION - B/W REC YARDS
1 1/2" = 1'-0"



16 ROOF EXPANSION JOINT DETAIL
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2026 2:52:02 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

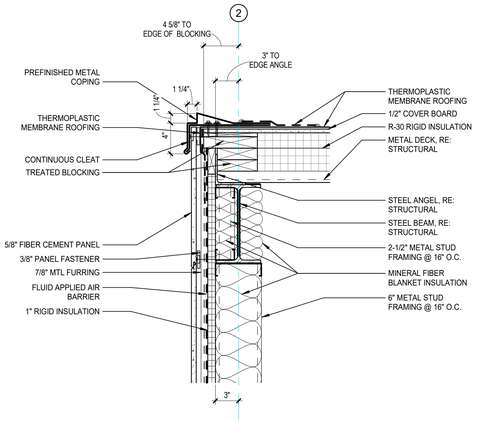
ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

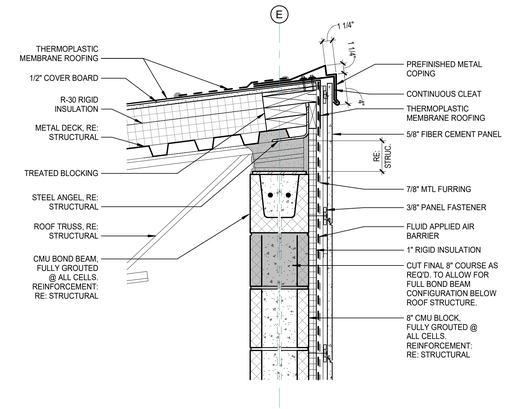
WALL SECTION DETAILS

SHEET NUMBER

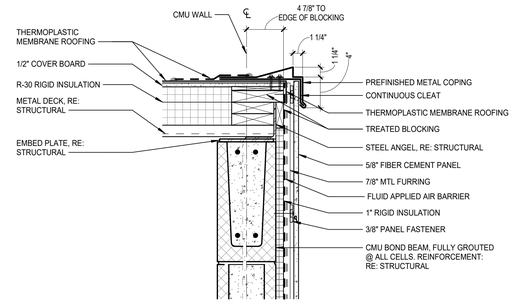
A452



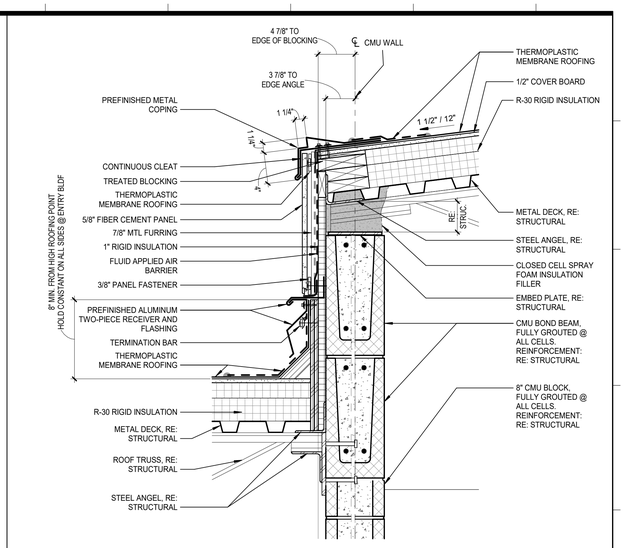
1 ROOF EDGE FIBER CEMENT DETAIL
1 1/2" = 1'-0"



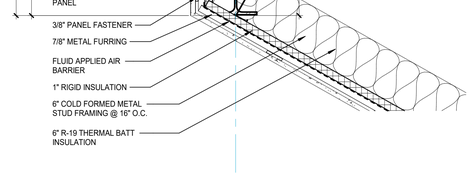
2 ROOF DETAIL AT LOBBY
1 1/2" = 1'-0"



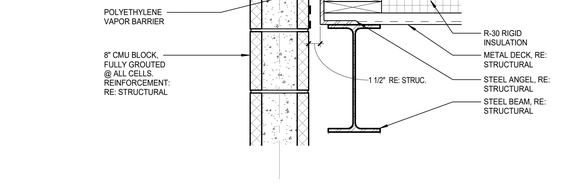
4 WALL SECTION AT LOBBY - RAKE EDGE
1 1/2" = 1'-0"



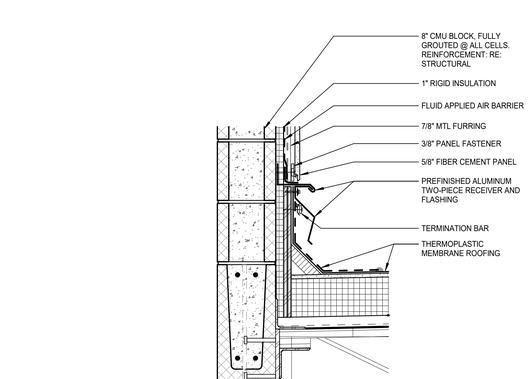
6 ROOF DETAIL @ LOBBY
1 1/2" = 1'-0"



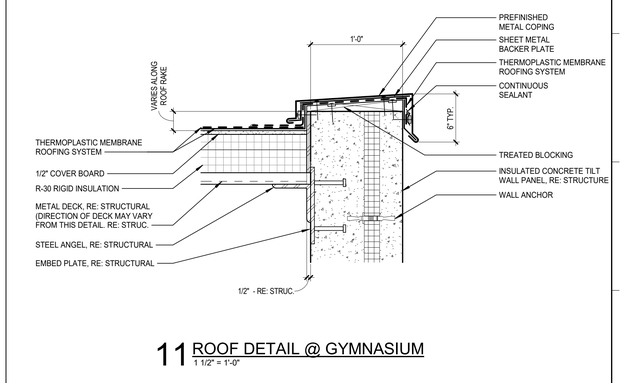
7 WALL SECTION AT ENTRY
1 1/2" = 1'-0"



3 EXPANSION JOINT AT LOBBY
1 1/2" = 1'-0"



5 WALL SECTION AT LOBBY - ROOF TO WALL
1 1/2" = 1'-0"

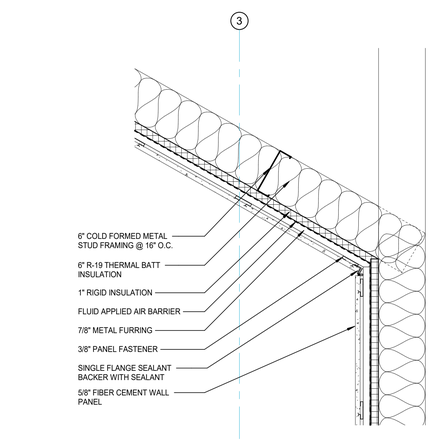


11 ROOF DETAIL @ GYMNASIUM
1 1/2" = 1'-0"

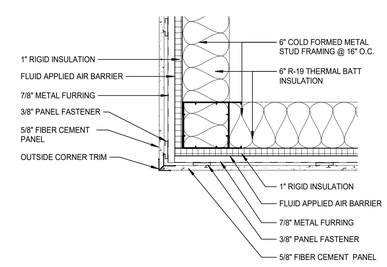
FOR TYPICAL NOTES @ GUTTER CONDITION, REFER TO 6 / A452 ROOF EDGE @ GUTTER.

12 ROOF DETAIL @ GYMNASIUM
1 1/2" = 1'-0"

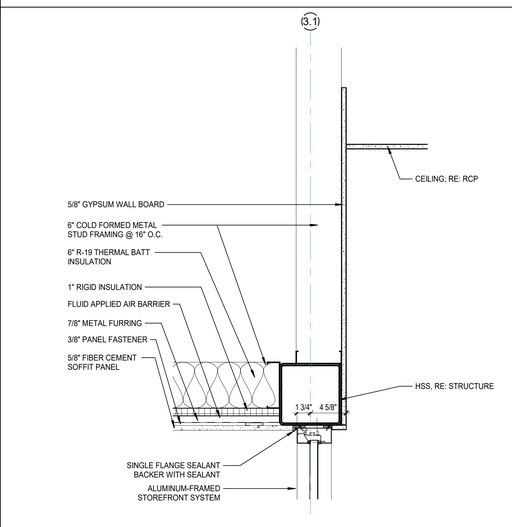
13 CANOPY CONNECTION @ TILT WALL
1 1/2" = 1'-0"



8 WALL SECTION AT ENTRY
1 1/2" = 1'-0"



9 WALL SECTION AT ENTRY
1 1/2" = 1'-0"



10 WALL SECTION AT ENTRY
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:36 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

WALL SECTION DETAILS

SHEET NUMBER
A453

DOOR SCHEDULE - NON-HOUSING

	DOOR					FRAME				
NO.	TYPE	WIDTH	HEIGHT	GLAZING	MATERIAL	MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
100A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
100B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
100C	G1	19' - 4"	14'-0"				-			
100D	G1	19' - 4"	14'-0"				-			
A100	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A100A	B	3' - 0"	7'-0"		HM	HM				
A101	B	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A103A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A103B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A104	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A105	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A106	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A107	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A108A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A108B	F4	3' - 0"	3'-8"							
A109A	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A110A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A110B	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A111	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A112	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A115	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A120A	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A121	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A121A	B1.1	3' - 0"	7'-0"	GL-2	14 GA HM	14 GA HM	60 MIN			
A121B	B1.1	3' - 0"	7'-0"	GL-2	14 GA HM	14 GA HM	60 MIN			
A122	A.4	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A123A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A123B	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A123C	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A124	A2.2	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN	YES		
A125	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A125A	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125B	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125C	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125D	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125E	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125F	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A125G	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A125H	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
A126	A2.2	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN	YES		
A127	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A128	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A129	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A129A	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A129B	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A130	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
A130A	O	3' - 0"	7'-0"							OPENING
A133	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A141	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A143	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A145A	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A145B	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A147	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A149	B1.1	3' - 0"	7'-0"	SG-2	WD	HM	60 MIN			
A151	B.2	3' - 0"	7'-0"		WD	HM	60 MIN			
A153A	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A153B	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
A155	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A157	C3.1	3' - 0"	7'-0"	GL-2	WD	HM	60 MIN			
A160	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A161	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A162	O	3' - 0"	7'-0"							OPENING
A163	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A165	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A166	C3.1	3' - 0"	7'-0"	GL-2	WD	HM	60 MIN			
A167	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A168	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A169	C2.2	3' - 0"	7'-0"		WD	HM	60 MIN			
A170	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A171	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A172	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A173	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A175	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A176	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A178	C3.1	3' - 0"	7'-0"	GL-2	WD	HM	60 MIN			
A180	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A182	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
A184	C3.1	3' - 0"	7'-0"	GL-2 w/Integral Blinds	WD	HM	60 MIN			
B100	E1	6' - 0"	8'-0"	GL-1	AL					
B102A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B102B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B102C	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	90 MIN			
B103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B103A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B103B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B103C	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B103D	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B104	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B104A	B	3' - 0"	7'-0"		HM	HM				
B104B	B	3' - 0"	7'-0"		HM	HM				
B105	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
B106A	B4	6' - 0"	7'-0"	GL-1	HM	HM				
B106B	C1	3' - 0"	7'-0"	GL-1	WD	HM				
B106C	C1	3' - 0"	7'-0"	GL-1	WD	HM				
B108	C2	3' - 0"	7'-0"		WD	HM				
B110	C2	3' - 0"	7'-0"		WD	HM				
B111	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	90 MIN			
B113	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	90 MIN			
B115	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	90 MIN			
B120A	C2	3' - 0"	7'-0"		WD	HM				
B120B	G.6	3' - 0"	7'-4"							OPENING
B122	C2	3' - 0"	7'-0"		WD	HM				
B124	C2	3' - 0"	7'-0"		WD	HM				
B126	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B128	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B130	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B131	C2	3' - 0"	7'-0"		WD	HM				
B132	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B133	C2	3' - 0"	7'-0"		WD	HM				

DOOR SCHEDULE - NON-HOUSING

	DOOR					FRAME				
NO.	TYPE	WIDTH	HEIGHT	GLAZING	MATERIAL	MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
B134	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B135	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B137	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B137A	C3	3' - 0"	7'-0"	GL-1	WD	HM				
B137B	C2	3' - 0"	7'-0"		WD	HM				
B139	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B141	O	4' - 0"	7'-0"							OPENING
B141A	C2	3' - 0"	7'-0"		WD	HM				
B144	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B145	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B146	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B147	C2	3' - 0"	7'-0"		WD	HM				
B148	C2	3' - 0"	7'-0"		WD	HM				
B149	C2	3' - 0"	7'-0"		WD	HM				
B150	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B151	C2	3' - 0"	7'-0"		WD	HM				
B155	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B157	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B159	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B161	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B163A	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B163B	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B164A	C1	3' - 0"	7'-0"	GL-1	WD	HM				
B164B	B1	3' - 0"	7'-0"	GL-1	HM	HM				
B165	C1.2	3' - 0"	7'-0"	GL-1 w/Integral Blinds	WD	HM				
B166	C2	3' - 0"	7'-0"		WD	HM				
C100	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C100A	A1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET				
C101A	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C102	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
C103	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C104	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C105	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C107A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C108	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
C109	O	3' - 0"	7'-2"							OPENING
C110	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C111A	C2	3' - 0"	7'-0"		WD	HM				
C111B	B1	3' - 0"	7'-0"	GL-1	HM	HM				
C112A	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
C112B	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
C114	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
C115A	O	3' - 0"	7'-0"							OPENING
C115B	B1	3' - 0"	7'-0"	GL-1	HM	HM				
C116	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C118	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C120	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
C122	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
E101	B	3' - 0"	7'-0"							
E102	B	3' - 0"	7'-0"		HM	HM				
E102A	B	4' - 0"	7'-0"					YES		
E102B	B	4' - 0"	7'-0"		HM	HM		YES		
E103	C2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
E104	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E105	B	4' - 0"	7'-0"		HM	HM		YES		
E106	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E107	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E108	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E109	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E112	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E113	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E114	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E115	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E116	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E117	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E120	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E121	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E122	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E123	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
E153	C2	3' - 0"	7'-0"		WD	HM				
J100A	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
J100B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
J110	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
J110B	F3	3' - 4"	5'-4"							
J110C	F3	3' - 4"	5'-4"							
J112	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
J112A	B1	3' - 0"	7'-0"	SG-1	HM	HM				
J114	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
J116	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
J118	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
J120	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
M101	B	4' - 0"	7'-0"		HM	HM		YES		
M102	B	4' - 0"	7'-0"		HM	HM		YES		
M105	B	4' - 0"	7'-0"		HM	HM		YES		
M106	B	4' - 0"	7'-0"		HM	HM		YES		
M109	A.4	3' - 0"	7'-0"		12 GA DET	12 GA DET				
M110	B	4' - 0"	7'-0"		HM	HM		YES		
M114	B	4' - 0"	7'-0"		HM	HM		YES		
M117	B	4' - 0"	7'-0"		HM	HM		YES		
M118	B	4' - 0"	7'-0"		HM	HM		YES		
M121	B	4' - 0"	7'-0"		HM	HM		YES		
R100	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
R100A	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
R100B	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
R100C	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
R100D	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
R102	B.2	4' - 0"	7'-0"		HM	HM	60 MIN			
R104	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
R104A	F3	3' - 4"	5'-4"							
R106	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
R106B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
R107	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
R107A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
R108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
R108A	F3	4' - 0"	5'-4"							
R108B	F3	13' - 4"	5'-4"							
R108C	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
R110	B1	3' - 0"	7'-0"	SG-1	HM	HM				

DOOR SCHEDULE - NON-HOUSING

	DOOR					FRAME				
NO.	TYPE	WIDTH	HEIGHT	GLAZING	MATERIAL	MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
R112	B1	3' - 0"	7'-0"	SG-1	HM	HM				
R115	B1	3' - 0"	7'-0"	SG-1	HM	HM				
R117	B	3' - 0"	7'-0"		HM	HM				
R121	A1.3	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
R122	A1.3	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S101	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S102	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S103	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S104	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S105	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S106	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S107	A.4	3' - 0"	7'-0"		12 GA DET	12 GA DET				
S108A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
S108B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
S108C	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
S109	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
S112	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S113	B2	3' - 0"	7'-0"	GL-1	HM	HM				
S114	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S115	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S115A	B2	3' - 0"	7'-0"	GL-1	HM	HM				
S116	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S116A	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
S117	B	3' - 0"	7'-0"		HM	HM				
S119	B	3' - 0"	7'-0"		HM	HM				
S121	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
S123	B2	3' - 0"	7'-0"	GL-1	HM	HM				
S125	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S125A	B1.1	3' - 0"	7'-0"	GL-1	HM	HM	60 MIN			
S131	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S133	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S134	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
S135	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S136	A.4	3' - 0"	7'-0"		12 GA DET	12 GA DET				
S137	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S138	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S139A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
S139B	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
S140	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
S140A	A1.2	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
T100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
T100A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
T101	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
T102	A.4	3' - 0"	7'-0"		12 GA DET	12 GA DET				
T104	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
T105	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
T105A	A1.2	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
T105B	F1	10' - 0"	10'-0"							
T106	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
T107	A1.3	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
T107A	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
T107C	F1	10' - 0"	10'-0"					YES		
T108	A1.1	4' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
T110A	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
T110B	A1	4' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				

ABBREVIATION LEGEND

- **AL** ALUMINUM
- **AN** ANODIZED
- **GL** GLASS
- **HM** HOLLOW METAL
- **PT** PAINTED, RE: FINISH SCHEDULE
- **WD** SOLID CORE WOOD
- **SF** STOREFRONT
- **T** TEMPERED

INSULATED GLASS (IG) TYPES

IG-1: LOW E-COATED, CLEAR INSULATING GLASS

INTERIOR GLAZING (GL) TYPES

GL-1: 1/4" CLEAR TEMPERED FLOAT GLASS
GL-2: 1/4" CLEAR FLOAT GLASS
SG-1: SECURITY GLAZING
SG-2: SECURITY GLAZING (FIRE RATED)

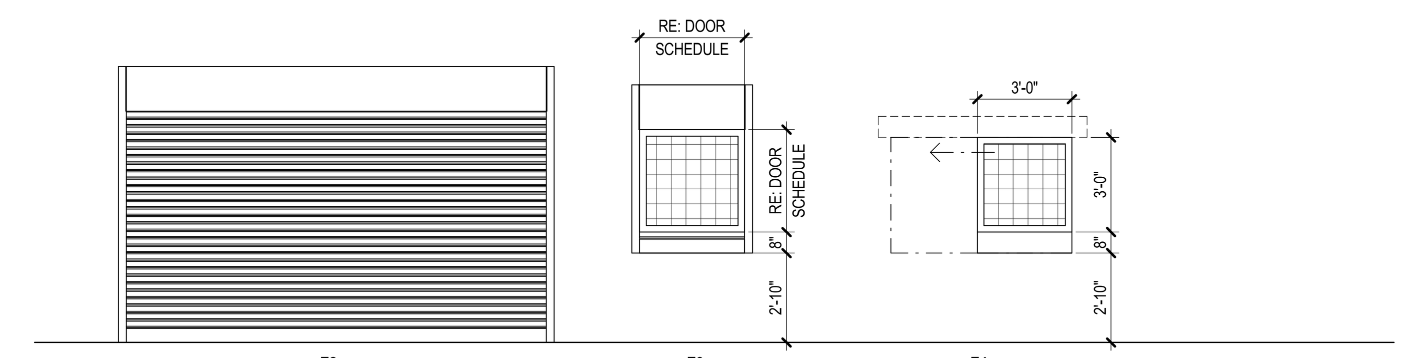
GENERAL NOTES

1. DOOR MANUFACTURER TO FIELD VERIFY ALL DOOR SIZES BASED ON JAMB OPENING
2. ALL FIRE - RATED DOORS SHALL BEAR A LABEL FROM AN APPROVED AGENCY
3. REFERENCE SPECIFICATIONS FOR DESCRIPTION OF DOOR HARDWARE SETS
4. ALL GLASS IN FIRE-RATED DOORS SHALL BE FIRE RATED CERAMIC GLAZING

DOOR SCHEDULE NOTES

1. DOOR AND FRAME ARE PART OF A STOREFRONT ASSEMBLY

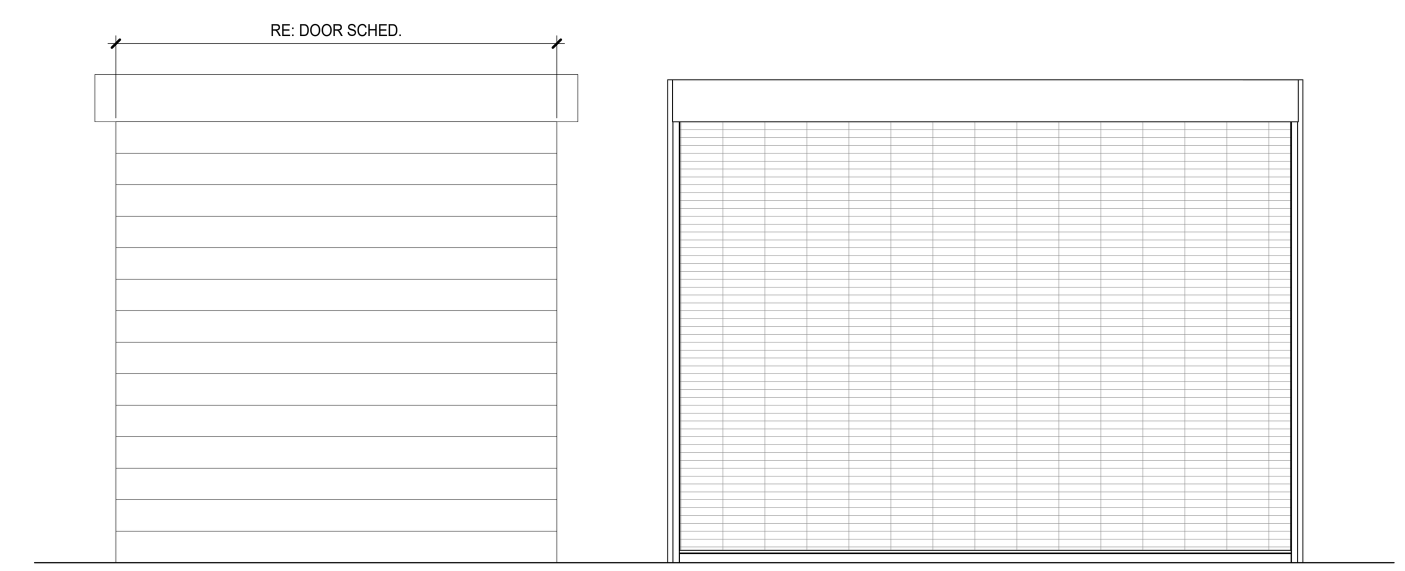
DOOR FRAME TYPES			
Key Name	Frame Type	Finish	Comments
1	HOLLOW METAL		
2	STOREFRONT		
HM1	HOLLOW METAL		



F2
OVER HEAD FIRE DOOR

F3
OVER HEAD FIRE DOOR WITH WOVEN WIRE PANEL W/ PASS THROUGH & STAINLESS STEEL SHELF (BOTH SIDES)

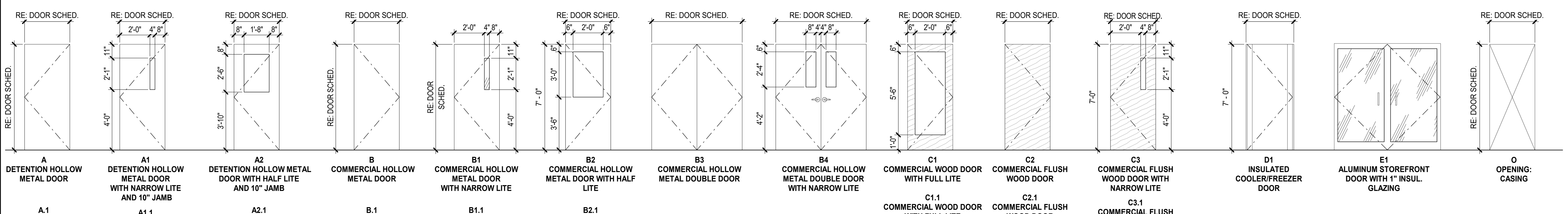
F4
DETENTION SLIDER WITH WOVEN WIRE PANEL W/ PASS THROUGH



F1
MANUAL OVERHEAD DOOR

F1.1
MANUAL OVERHEAD DOOR FIRE RATED

G1
OVERHEAD ROLLING DOOR - SALLYPORT



A
DETENTION HOLLOW METAL DOOR

A.1
DETENTION HOLLOW METAL DOOR FIRE RATED

A.2
DETENTION HOLLOW METAL DOOR AND 10" JAMB

A.3
DETENTION HOLLOW METAL DOOR SMOKE RATED

A.4
DETENTION HOLLOW METAL DOOR AND 10" JAMB FIRE RATED

A1
DETENTION HOLLOW METAL DOOR WITH NARROW LITE AND 10" JAMB

A1.1
DETENTION HOLLOW METAL DOOR WITH NARROW LITE AND 10" JAMB FIRE RATED

A1.2
DETENTION HOLLOW METAL DOOR NARROW LITE

A1.3
DETENTION HOLLOW METAL DOOR NARROW LITE FIRE RATED

A1.4
DETENTION HOLLOW METAL DOOR WITH NARROW LITE AND 10" JAMB SMOKE RATED

A2
DETENTION HOLLOW METAL DOOR WITH HALF LITE AND 10" JAMB

A2.1
DETENTION HOLLOW METAL DOOR WITH HALF LITE AND 10" JAMB SMOKE RATED

A2.2
DETENTION HOLLOW METAL DOOR WITH HALF LITE AND 10" JAMB FIRE RATED

B
COMMERCIAL HOLLOW METAL DOOR

B.1
COMMERCIAL HOLLOW METAL DOOR SMOKE RATED

B.2
COMMERCIAL HOLLOW METAL DOOR FIRE RATED

B1
COMMERCIAL HOLLOW METAL DOOR WITH NARROW LITE

B1.1
COMMERCIAL HOLLOW METAL DOOR WITH NARROW LITE FIRE RATED

B2
COMMERCIAL HOLLOW METAL DOOR WITH HALF LITE

B2.1
COMMERCIAL HOLLOW METAL DOOR WITH HALF LITE FIRE RATED

B3
COMMERCIAL HOLLOW METAL DOUBLE DOOR

B4
COMMERCIAL HOLLOW METAL DOUBLE DOOR WITH NARROW LITE

C1
COMMERCIAL WOOD DOOR WITH FULL LITE

C1.1
COMMERCIAL WOOD DOOR WITH FULL LITE FIRE RATED

C1.2
COMMERCIAL WOOD DOOR WITH HALF LITE W/ INTEGRAL BLINDS

C2
COMMERCIAL FLUSH WOOD DOOR

C2.1
COMMERCIAL FLUSH WOOD DOOR SMOKE RATED

C2.2
COMMERCIAL FLUSH WOOD DOOR FIRE RATED

C3
COMMERCIAL FLUSH WOOD DOOR WITH NARROW LITE

C3.1
COMMERCIAL FLUSH WOOD DOOR WITH NARROW LITE FIRE RATED

D1
INSULATED COOLER/FREEZER DOOR

E1
ALUMINUM STOREFRONT DOOR WITH 1" INSUL. GLAZING

O
OPENING: CASING

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:08 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

DOOR SCHEDULE

SHEET NUMBER
A601

DOOR SCHEDULE - HOUSING UNITS

DOOR						FRAME				
NO.	TYPE	WIDTH	HEIGHT	GLAZING	MATERIAL	MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
D100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
D101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
D102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
D103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
D104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
D105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
D106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
D107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
D108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
D108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
D110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
D117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
D118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
D119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
F101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
F102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
F103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
F104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
F105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
F106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
F107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
F108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
F108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
F109	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
F110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
F117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
F118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
F119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
G101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
G102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
G103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
G104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
G105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
G106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
G107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
G108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
G108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
G110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
G117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
G118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
G119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
H101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
H102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
H103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
H104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
H105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
H106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
H107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
H108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
H108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
H110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
H117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
H118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
H119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
K101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
K102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
K103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
K104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
K105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
K106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
K107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
K108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
K108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
K109	A.1	3' - 0"	7'-0"		12 GA DET	12 GA DET	60 MIN			
K110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
K117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
K118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
K119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
L101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
L102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
L103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
L104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
L105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
L106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
L107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
L108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
L108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
L110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
L117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
L118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
L119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
N101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
N102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
N103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
N104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
N105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
N106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
N107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
N108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
N108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
N110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
N117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
N118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
N119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
P101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
P102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
P103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
P104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
P105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				

DOOR SCHEDULE - HOUSING UNITS

DOOR						FRAME				
NO.	TYPE	WIDTH	HEIGHT	GLAZING	MATERIAL	MATERIAL	RATING	INSULATED	ACCESS CONTROL	NOTE
P106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
P107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
P108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
P108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
P110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
P117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
P118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
P119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q100	A1.1	3' - 0"	7'-0"	SG-2	12 GA DET	12 GA DET	60 MIN			
Q101	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
Q102	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
Q103	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
Q104	A.2	3' - 0"	7'-0"	-	12 GA DET	12 GA DET				
Q105	A	3' - 0"	7'-0"		12 GA DET	12 GA DET				
Q106	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
Q107	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET				
Q108	A1	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET		YES		
Q108B	A.2	3' - 0"	7'-0"		12 GA DET	12 GA DET				
Q110	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q111	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q112	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q113	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q114	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q115	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q116	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			
Q117	A.3	3' - 0"	7'-0"		12 GA DET	12 GA DET	20 MIN			
Q118	A.3	3' - 0"	7'-0"	-	12 GA DET	12 GA DET	20 MIN			
Q119	A1.4	3' - 0"	7'-0"	SG-1	12 GA DET	12 GA DET	20 MIN			

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

DOOR SCHEDULE - HOUSING

SHEET NUMBER

A602

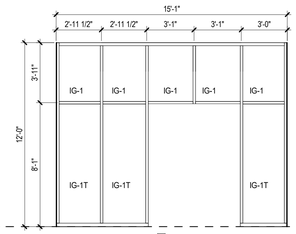
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:10 PM

GLAZING TYPES - TYPICAL NOTES

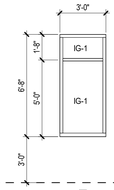
1. NOT ALL GLAZING TYPES ARE USED.
2. REFER TO BUILDING ELEVATIONS FOR GLAZING LOCATIONS.
3. IF THE WINDOW IS IN A FIRE RATED WALL THE GLAZING TYPE IS TO BE SG-2

GLAZING TYPES

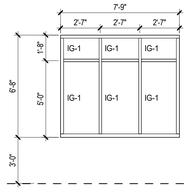
GL-1	CLEAR TEMPERED FLOAT GLASS, 6 MM
GL-2	CLEAR FLOAT GLASS, 6 MM.
GL-3	FULLY TEMPERED SAFETY GLASS
GL-4	FULLY TEMPERED FIRE-RATED GLASS
IG-1	INSULATED GLASS
IG-1T	TEMPERED INSULATED GLASS
IG-2	INSULATED SPANDREL GLASS
IG-3	CLEAR INSULATING GLASS
IG-4	INSULATED-LAMINATED GLASS
TIG-1	TEMPERED INSULATED SAFETY GLASS
ISG-1	INSULATING SECURITY GLASS
LG-1	ONE-WAY VISION LAMINATED SAFETY GLASS
SG-1	SECURITY GLASS
SG-2	SECURITY GLASS - FIRE RATED



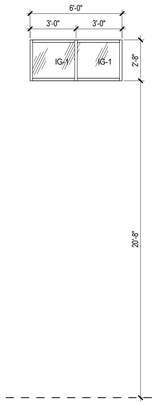
S1 ALUMINUM STOREFRONT



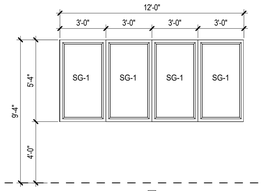
S2 ALUMINUM STOREFRONT



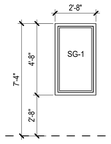
S3 ALUMINUM STOREFRONT



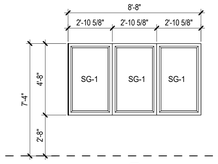
S4 ALUMINUM STOREFRONT



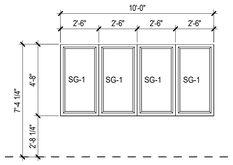
D1 DETENTION HOLLOW METAL



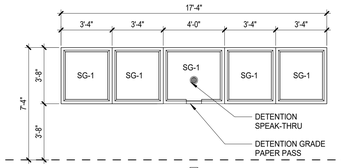
D2 DETENTION HOLLOW METAL



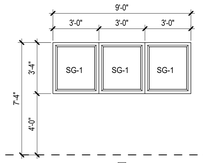
D3 DETENTION HOLLOW METAL



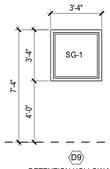
D4 DETENTION HOLLOW METAL



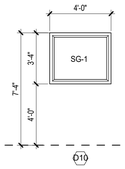
D7 DETENTION HOLLOW METAL



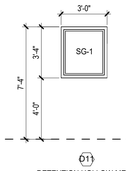
D8 DETENTION HOLLOW METAL



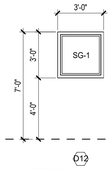
D9 DETENTION HOLLOW METAL



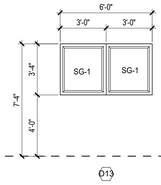
D10 DETENTION HOLLOW METAL



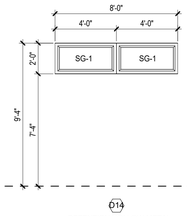
D11 DETENTION HOLLOW METAL



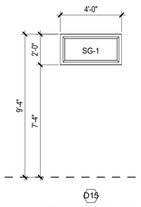
D12 DETENTION HOLLOW METAL



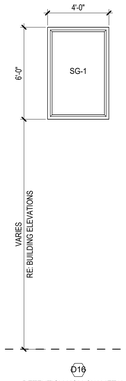
D13 DETENTION HOLLOW METAL



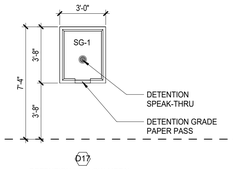
D14 DETENTION HOLLOW METAL



D15 DETENTION HOLLOW METAL



D16 DETENTION HOLLOW METAL



D17 DETENTION HOLLOW METAL

GLAZING ELEVATIONS

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

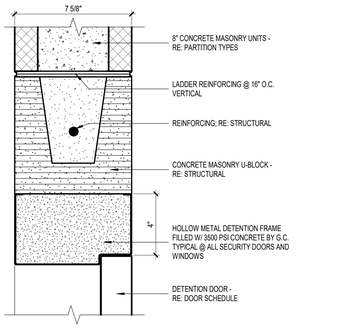
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

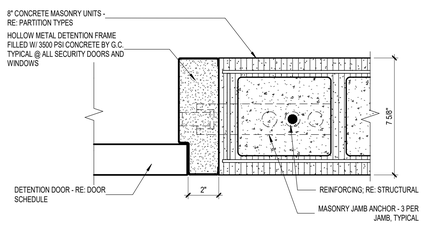
WINDOW ELEVATIONS

SHEET NUMBER
A603

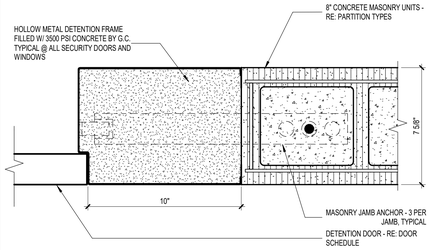
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:19 PM



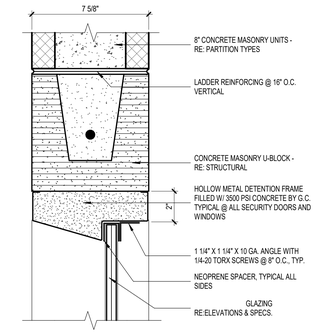
1 DETENTION DOOR HEAD DETAIL
3" = 1'-0"



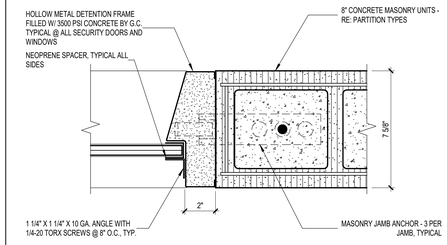
2 DETENTION DOOR JAMB DETAIL
3" = 1'-0"



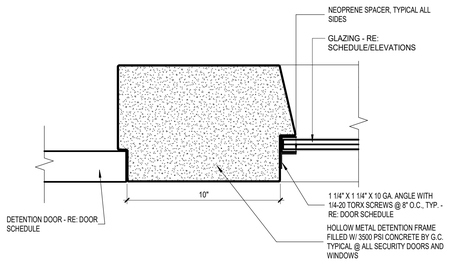
3 DETENTION DOOR JAMB DETAIL
3" = 1'-0"



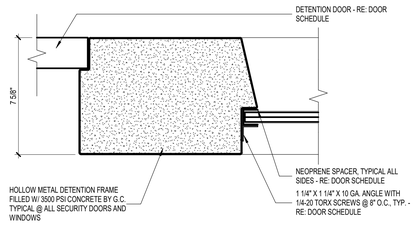
4 DETENTION WINDOW HEAD DETAIL
3" = 1'-0"



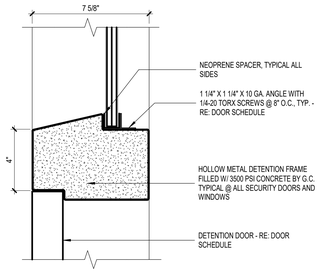
5 DETENTION WINDOW JAMB DETAIL
3" = 1'-0"



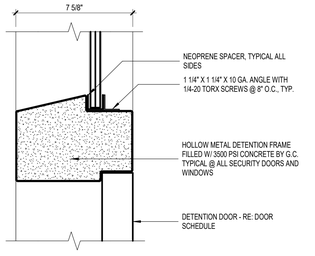
6 DETENTION DOOR/WINDOW JAMB
3" = 1'-0"



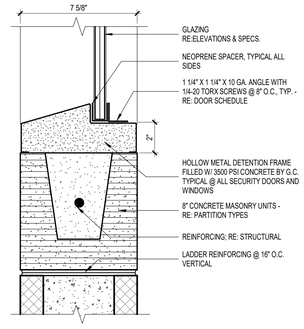
7 DETENTION DOOR/WINDOW JAMB DETAIL
3" = 1'-0"



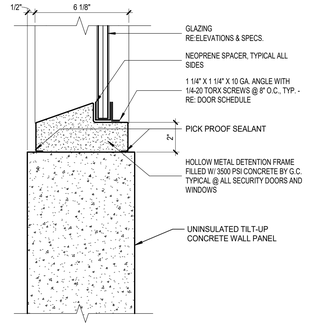
8 DETENTION DOOR/WINDOW HEAD DETAIL
3" = 1'-0"



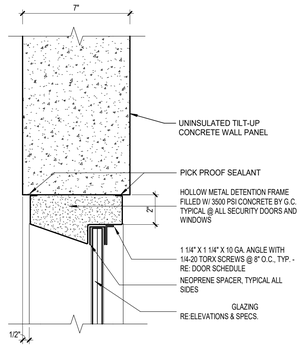
9 DETENTION DOOR/WINDOW HEAD DETAIL
3" = 1'-0"



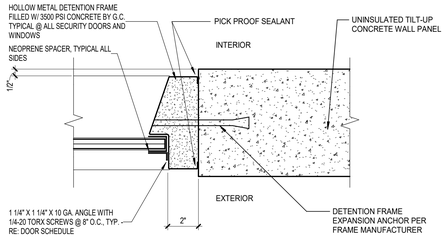
10 DETENTION WINDOW SILL DETAIL
3" = 1'-0"



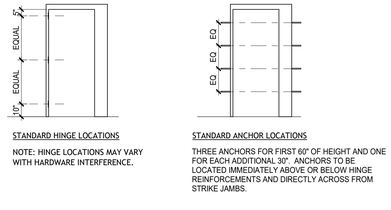
11 DETENTION WINDOW SILL AT TILT WALL
3" = 1'-0"



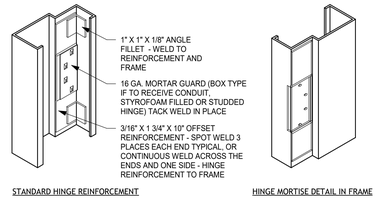
12 DETENTION WINDOW HEAD AT TILT WALL
3" = 1'-0"



13 DETENTION WINDOW JAMB AT TILT WALL
3" = 1'-0"



14 DETENTION DOOR HINGE / ANCHOR LOCATIONS
1/4" = 1'-0"



15 DETENTION DOOR HINGE / ANCHOR DETAILS
3" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:13 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

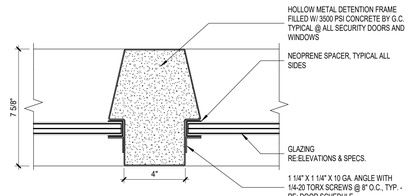
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE:: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

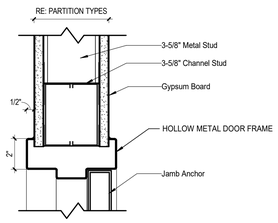
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HEAD, JAMB DETAILS - INTERIOR

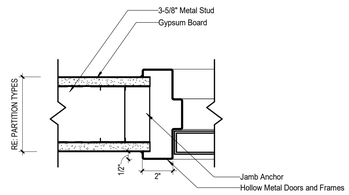
SHEET NUMBER
A620



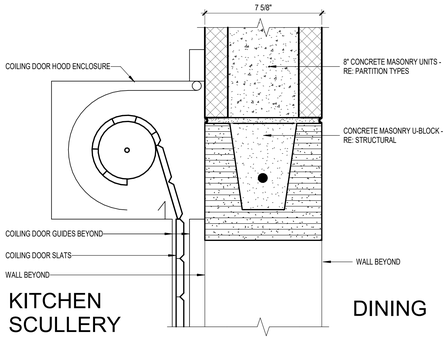
1 DET. WINDOW MULLION DETAIL
3" = 1'-0"



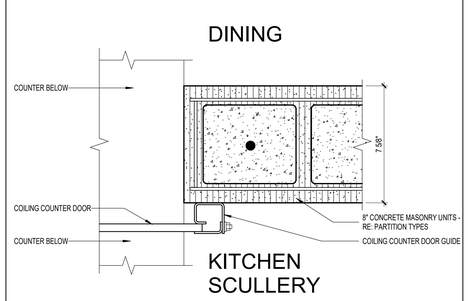
2 HM DOOR HEAD
3" = 1'-0"



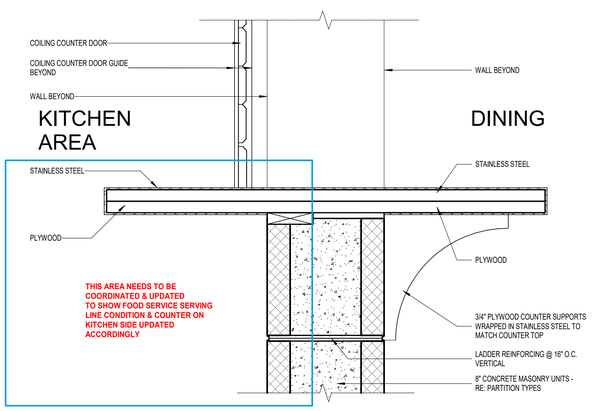
3 HM DOOR JAMB
3" = 1'-0"



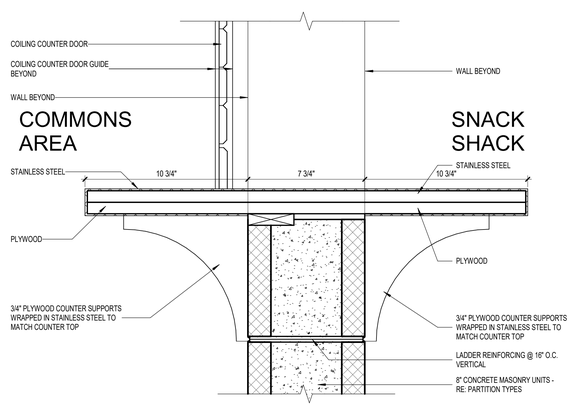
4 OVERHEAD DOOR HEAD AT KITCHEN
3" = 1'-0"



5 OVERHEAD DOOR JAMB AT KITCHEN
3" = 1'-0"



7 OVERHEAD DOOR SILL AT KITCHEN
3" = 1'-0"



6 OVERHEAD DOOR SILL AT SNACK SHACK
3" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:43:18 PM

Grace Design Studios

GERALD DAVID HEBERT II
LICENSE No. 41787
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTED MATERIAL REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

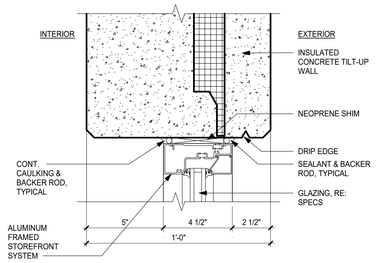
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

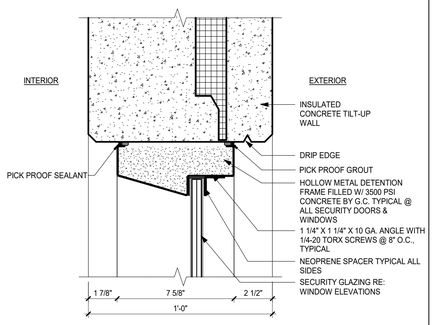
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HEAD, JAMB DETAILS - INTERIOR

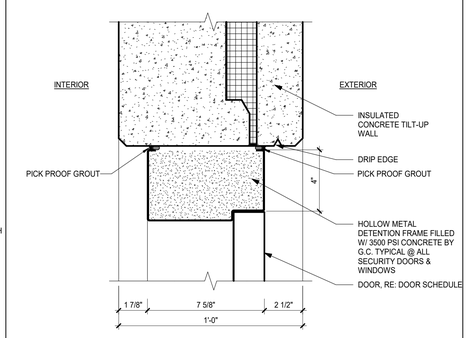
SHEET NUMBER
A621



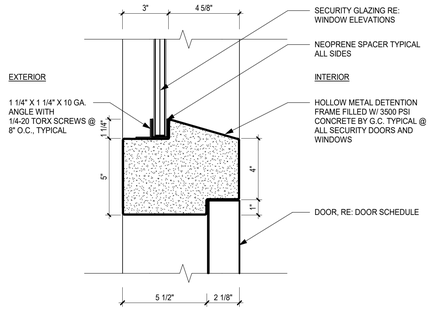
1 WINDOW HEAD DETAIL - STOREFRONT
3" = 1'-0"



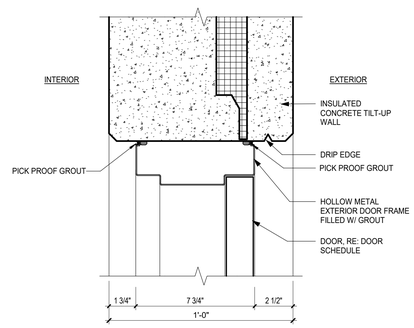
4 DET. WINDOW HEAD DETAIL - INSUL. TILT WALL
3" = 1'-0"



7 DET. DOOR HEAD DETAIL - INSUL. TILT WALL
3" = 1'-0"



10 DET. DOOR HEAD DETAIL - DET. WINDOW
3" = 1'-0"



13 HM DOOR HEAD DETAIL - INSUL. TILT WALL
3" = 1'-0"

2 WINDOW JAMB DETAIL - STOREFRONT
3" = 1'-0"

5 DET. WINDOW JAMB DETAIL - INSUL. TILT WALL
3" = 1'-0"

8 DET. DOOR JAMB DETAIL - INSUL TILT WALL
3" = 1'-0"

11 DET. DOOR JAMB DETAIL - DET. WINDOW
3" = 1'-0"

14 HM DOOR JAMB DETAIL - INSUL. TILT WALL
3" = 1'-0"

3 WINDOW SILL DETAIL - STOREFRONT
3" = 1'-0"

6 DET. WINDOW SILL DETAIL- INSUL. TILT WALL
3" = 1'-0"

9 WINDOW SILL DETAIL - STOREFRONT
3" = 1'-0"

12 WINDOW SILL DETAIL - STOREFRONT
3" = 1'-0"

15 WINDOW SILL DETAIL - STOREFRONT
3" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

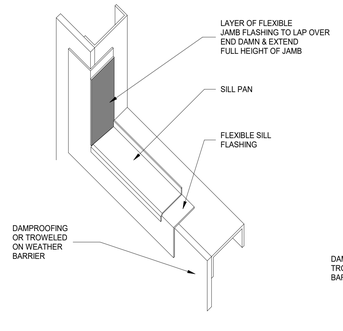
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

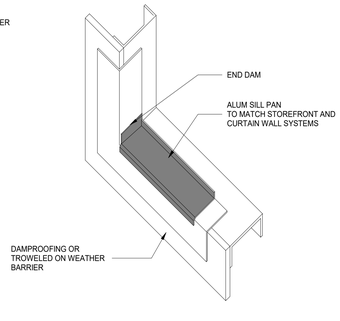
HEAD, JAMB DETAILS - EXTERIOR

SHEET NUMBER
A622

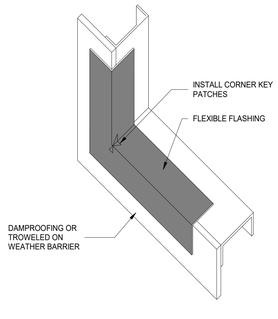
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:18 PM



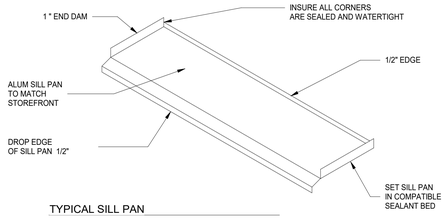
STEP 3
INSTALL FLEXIBLE FLASHING JAMB FLASHING OVER END DAMS



STEP 2
INSTALL ALUM SILL PAN W/ END DAM AND SEAL ALL JOINTS



STEP 1
INSTALL FLEXIBLE FLASHING OVER DAMPROOFING OR TROWELED ON WEATHER BARRIER



TYPICAL SILL PAN

NTS

NOTE: SILL PAN AND FLASHING AXONOMETRIC INDICATED IS DIAGRAMMATIC. CONTRACTOR TO COORDINATE ACTUAL INSTALLATION REQ. PER MANUF. WRITTEN INSTRUCTIONS

1 SILL PAN AND TYP. FLASHING DETAILS

1" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:23:18 PM

Grace
Design Studios

GERALD DAVID HEBERT II
LIC. No. 41707
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HEAD, JAMB DETAILS - EXTERIOR

SHEET NUMBER
A623

INTERIOR FINISH KEY

MARK	MATERIAL TYPE	MANUFACTURER	IDENTIFICATION	COLOR	SIZE	INSTALLATION	NOTES	CONTACT
PAINT								
P-1	PAINT	SHERWIN WILLIAMS	SW 7631	CITY LOFT			GENERAL	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-2	PAINT	SHERWIN WILLIAMS	SW 7006	EXTRA WHITE			CEILINGS	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-3	PAINT	SHERWIN WILLIAMS	SW 7673	PEWTER CAST			TYP HM DOOR FRAMES & DETENTION DOORS/ FRAMES & WINDOW FRAMES	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-4	PAINT	SHERWIN WILLIAMS	SW 7076	CYBERSPACE			ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-5	CHALKBOARD PAINT	KRYLON SHERWIN WILLIAMS	SELECTED FROM MANUFACTURER'S FULL RANGE	SELECTED FROM MANUFACTURER'S FULL RANGE			(1) WALL AS INDICATED IN EACH SLEEP CELL; TYP. RE: FINISH PLAN FOR LOCATION	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-6	PAINT	SHERWIN WILLIAMS	SW 6215	ROCKY RIVER			ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-7	PAINT	SHERWIN WILLIAMS	SW 9056	FRENCH MOIRE			ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-8	PAINT	SHERWIN WILLIAMS	SW 6230	RAINSTORM			ACCENT;ACCENT HM DETENTION DOORS WHERE INDICATED; RE:ELEVATIONS	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-9	PAINT	SHERWIN WILLIAMS	SW 6487	CLOUDBURST			POD / CLASSROOM ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-10	PAINT	SHERWIN WILLIAMS	SW 6444	LOUNGE GREEN			POD / CLASSROOM ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-11	PAINT	SHERWIN WILLIAMS	SW 6788	CAPRI			POD / CLASSROOM ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-12	PAINT	SHERWIN WILLIAMS	SW 6228	REFUGE			ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-13	PAINT	SHERWIN WILLIAMS	SW 7694	DROMEDARY CAMEL			ACCENT	SHANE CRAWFORD SHANE.A.CRAWFORD1@SHERWIN.COM
P-14	PAINT	WOLF GORDON	SCRUBTOUGH	MATCHING SW 7631 CITY LOFT			LOBBY ONLY	KATE CLUER AMT@WOLFGORDON.COM 718 391 5493
P-15	PAINT	WOLF GORDON	SCRUBTOUGH	MATCHING SW 7673 PEWTER CAST			LOBBY ONLY	KATE CLUER AMT@WOLFGORDON.COM 718 391 5493
P-16	PAINT	WOLF GORDON	SCRUBTOUGH	MATCHING SW 7076 CYBERSPACE			LOBBY ONLY	KATE CLUER AMT@WOLFGORDON.COM 718 391 5493
P-17	PAINT	WOLF GORDON	SCRUBTOUGH	MATCHING SW 6215 ROCKY RIVER			LOBBY ONLY	KATE CLUER AMT@WOLFGORDON.COM 718 391 5493
TILE								
TL-1	TILE	CONCEPT SURFACES	EVERGREEN	MEILE	12"X48"	STACK BOND RE: FINISH PLANS FOR RUN DIRECTION	ADMIN BREARKOOMS RE: FINISH PLANS	DON TEUELO DONT@CONCEPTSURFACES.COM
TL-2	TILE	DALTILE	IRONCRAFT	CASPER GREY IC12 MATTE	12X24	STACK BOND RE: ELEVATIONS FOR RUN DIRECTION	LOBBY AND RR FLOOR TILE	KIT WEBB KIT.WEBB@DALTILE.COM
TL-3	TILE	AMERICAN OLEAN	COLOR STORY PINSTRIPES, WAVE CREST	TRANQUILITY 0059 GLOSSY FINISH	2" X 8"	STACK BOND RE: ELEVATIONS FOR RUN DIRECTION	ADMIN RR ACCENT WALL TILE	JAN KELLER JKELLERBPI@OUTLOOK.COM 225-603-6216
TL-4	TILE	ANATOLIA	ZERA ANNEX	BIANCO MATTE	12X24	STACK BOND RE: ELEVATIONS FOR RUN DIRECTION	ADMIN RR GENERAL WALL TILE	JAN KELLER JKELLERBPI@OUTLOOK.COM 225-603-6216
TL-5	TILE	AMERICAN OLEAN	COLOR STORY PINSTRIPES, WAVE CREST	BALANCE 0114 GLOSSY FINISH	2" X 8"	STACK BOND RE: ELEVATIONS FOR RUN DIRECTION	ADMIN RR ACCENT WALL TILE	JAN KELLER JKELLERBPI@OUTLOOK.COM 225-603-6216
TL-6	TILE	DALTILE	MIRAMO	AQUA MR47 STRAIGHT JOINT GLOSSY	1X6 MOSAIC	PER MANUF. WRITTEN INSTRUCTIONS	BACKSPLASH TILE	KIT WEBB KIT.WEBB@DALTILE.COM
WOOD BASE								
WB-1	WOOD BASE	CUSTOM	1X PAINT GRADE POPLAR	PAINTED P-3 UNLESS OTHERWISE INDICATED ON INTEIROR ELEVATIONS	6" H	RE: SHEET ID301 FOR WOOD BASE DETAIL	LOBBY	
RUBBER BASE								
RB-1	RUBBER BASE	ROPPE	PINNACLE	CHARCOAL	4" H COVE		GENERAL	
CARPET								
C-1	CARPET	TARKETT	OFFSET 11338	DIE-CUT 30806	18X36	VERTICAL ASHLAR INSTALL RE: FINISH PLANS FOR RUN DIRECTION		ALEXIS MIRANNE ALEXIS.MIRANNE@TARKETT.COM
C-2	CARPET	TARKETT	BALANCE 11339	DIE-CUT 30806	18X36	VERTICAL ASHLAR INSTALL RE: FINISH PLANS FOR RUN DIRECTION		ALEXIS MIRANNE ALEXIS.MIRANNE@TARKETT.COM
C-3	CARPET	TARKETT	THREAD CRAFT	STAR GAZER 60810	9" X36"	RE: FINISH PLANS FOR RUN DIRECTION		ALEXIS MIRANNE ALEXIS.MIRANNE@TARKETT.COM
C-4	CARPET	TARKETT	CREATE VISION	INCLUSIVE 32811	18X36	VERTICAL ASHLAR INSTALL RE: FINISH PLANS FOR RUN DIRECTION		ALEXIS MIRANNE ALEXIS.MIRANNE@TARKETT.COM
C-5	WALK OFF CARPET	INTERFACE	STEP REPEAT SR899	MIDNIGHT	50cm x 50cm	MONLITHIC INSTALL		JUSTIN HICKMAN JUSTIN.HICKMAN@INTERFACE.COM
SEALED CONCRETE								
SC-1	SEALED CONCRETE			CLEAR		RE: SPECIFICATIONS		
DECORATIVE FILM								
DF-1	DECORATIVE FILM	SOLYX FILMS	SX-1409	WHITE SAND MATTE			NURSE OFFICE	
PLASTIC LAMINATE								
PL-1	PLASTIC LAMINATE	ARBORITE	W465LE	MOCHA MODERN CHERRY			MILLWORK RE: INTERIOR ELEVATIONS	LORI REISER LReiser@wurthwoodgroup.com
PL-2	PLASTIC LAMINATE	NEVAMAR	VA7002	COOL CHIC			MILLWORK RE: INTERIOR ELEVATIONS	LORI REISER LReiser@wurthwoodgroup.com
PL-3	PLASTIC LAMINATE	PIONITE	AG415	OLD FRIEND			MILLWORK RE: INTERIOR ELEVATIONS	LORI REISER LReiser@wurthwoodgroup.com

INTERIOR FINISH KEY, CONT.

MARK	MATERIAL TYPE	MANUFACTURER	IDENTIFICATION	COLOR	SIZE	INSTALLATION	NOTES	CONTACT
FIBER REINFORCED PANELS								
FRP-1	FIBER REINFORCED PANELS	VALTO ENGINEERED MATERIALS	GLASBORD CLASS A EMBOSSED PANELS	FINISH TO BE SELECTED FROM MANUF FULL RANGE	4' X 8' PANELS	PROVIDE NECESSARY TRIM AND END CAPS	FOR GYP BD AREAS IN JANITOR ROOMS ONLY	
SOLID SURFACE MATERIAL								
SSM-1	SOLID SURFACE MATERIAL	HI-MACS	M607	AURORA CREAM	1/2" THICK	PROVIDE 1/32" EASED EDGE WITH MITERED CORNERS; TYP		
STAINLESS STEEL								
SS-1	STAINLESS STEEL		16 GAUGE	#304 SMOOTH FINISH			SELECT COUNTERTOPS	
MISCELLANEOUS								
M-1	NOT USED							
M-2	MISCELLANEOUS (SEAMLESS EPOXY SHOWER SYSTEM)	TNEMEC	STRANLOK ML	TO MATCH P-1			SHOWER WALLS	BRANDON LOMASNEY BRANDON@TECHNICAL-COATINGS.COM
M-3	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-4	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-5	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-6	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-7	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-8	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-9	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-10	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-11	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-12	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-13	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-14	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-15	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-16	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-17	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-18	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-19	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-20	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-21	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
M-22	MISCELLANEOUS (ACOUSTIC WALL PANEL)	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	WHITE (TWH), PANELS TO BE FIELD PTD COLORS AS SPECIFIED ON INTERIOR ELEV	MADE-TO-ORDER THICKNESS: 2" REFERENCE ID401 FOR SIZE	A MOUNTING		CATHERINE NIPPER CMNIPPER@ARMSTRONGCEILINGS.COM
WINDOW TREATMENT								
WT-1	WINDOW TREATMENT	SPRING WINDOW FASHIONS	MANUAL, SINGLE ROLLER SHADES, BASIS OF DESIGN: CROSSHATCH R SERIES FABRIC TO HAVE 1% OPENESS	PATTERN/FABRIC AND FASCIA TRIM FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE	FIELD VERFIY ALL WINDOW DIMENSIONS L" X W" PRIOR TO BEGINNING FABRICATION OR ORDERING	TRIM AND FASCIA TO MATCH WINDOW MULLIONS, INSTALL PER MANUFACTURER'S RECOMMENDATION / INSIDE MOUNT BETWEEN WINDOW MULLIONS	ADMIN AREA WINDOWS RE: RCP FOR LOCATIONS	

INTERIOR GENERAL NOTES

1. THE CONTRACTOR SHALL INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS. REFER TO SPECIFICATIONS.
2. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. IF ANY DIMENSIONS ARE IN QUESTIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE PROJECT ARCHITECT / INTERIOR DESIGNER BEFORE PROCEEDING WITH THE WORK.
3. THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT/INTERIOR DESIGNER OF ANY ITEMS REQUIRING FINISH SELECTIONS THAT ARE NOT CLARIFIED IN THE CONTRACT DOCUMENTS OR IN THE PROJECT MANUAL.
4. THE CONTRACTOR SHALL SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES IDENTIFIED WITH THE APPROPRIATE 'MARK' TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERIAL. PRODUCTS NOT SUBMITTED AND IDENTIFIED APPROPRIATELY WILL BE SENT BACK WITHOUT BEING REVIEWED AND WILL NEED TO BE RESUBMITTED. THE CONTRACTOR IS TO VERIFY AVAILABILITY AND STOCK OF MATERIALS AND ALLOW ENOUGH TIME TO RECEIVE GOODS FOR INSTALLATION TO OCCUR AT SCHEDULED TIMES.
5. THE CONTRACTOR SHALL COORDINATE WITH FINISH PLANS AND MATERIALS REGARDING AREAS WITH HEAVY ROLLING EQUIPMENT (I.E. SURGERY ROOMS, HOLDING ROOMS, ETC.) REQUIRING ADDITIONAL PREPARATION AND/OR TYPE OF ADHESIVE.
6. THE CONTRACTOR SHALL COORDINATE AN ONSITE MEETING WITH THE ARCHITECT, INTERIOR DESIGNER, FLOORING MANUFACTURER REPRESENTATIVES, HOSPITAL MAINTENANCE STAFF, AND FLOORING SUBCONTRACTOR TO REVIEW PROCEDURES REGARDING FLOORING INSTALLATIONS AND MAINTENANCE OPTIONS AND PROCEDURES PRIOR TO INSTALLATION OF FLOORING MATERIALS. SUBMIT SEAMING DIAGRAMS PRIOR TO THIS MEETING.
7. IN THE EVENT OF A CONFLICT BETWEEN THE FINISH KEY AND THE SPECIFICATIONS, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO ORDER AND INSTALLATION OF MATERIALS.
8. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC).
9. REFER TO REFLECTED CEILING PLAN SHEETS (A-140s) FOR CEILING FINISH LOCATIONS.
10. REFER TO WALL PROTECTION PLANS (ID140s) FOR WALL PROTECTION, CORNERGUARD, HAND RAIL, CRASH RAIL, ETC. LOCATIONS AND TYPES.
11. REFER TO INTERIOR FINISH PLANS FOR (ID100s) FLOOR FINISH LOCATIONS AND TYPES.
12. REFER TO INTERIOR ELEVATIONS (ID200s) FOR ADDITIONAL INFORMATION ON EXTENDS AND LIMITS OF WALL FINISHES.

INTERIOR ABBREVIATIONS

AC	ACOUSTICAL CEILING TILE & PANEL	QS	QUARTZ SURFACE
AWP	ACOUSTICAL WALL PANELS	QT	QUARRY TILE
BB	BEAD BOARD / WAINSCOTT	RB	RESILIENT WALL BASE
C	CARPET & CARPET TILE	RBM	RESILIENT WALL BASE MILLWORK PROFILE
CC	CUBICAL CURTAIN & TRACK	RF	RUBBER FLOORING
CG	CORNER GUARD	RP	RESIN PANEL
CHR	CHAIR RAIL	RR	RUB RAIL
CONC	CONCRETE	SB	SUPPORT BRACKET
CR	CRASH RAIL	SC	SEALED CONCRETE
CRM	CROWN MOLDING	SDT	STATIC DISSIPATIVE FLOORING
CT	CERAMIC TILE	SF	SEAMLESS FLOORING
DF	DECORATIVE FILM	SS	STAINLESS STEEL
DM	DECORATIVE METALS	SSM	SOLID SURFACE MATERIAL
DRC	DOOR FRAME CASING	ST	STONE
EF	EPOXY FLOORING	SV	SHEET VINYL
FE	FINISHED END	SWP	SPECIALTY WALL PANELS
FP	FILLER PANEL	T	TRANSITION STRIP
FRP	FIBERGLASS REINFORCED PLASTIC PANEL	TB	TILE BASE
FWP	FABRIC WRAPPED PANELS	TL	TILE
GL	GLASS	TP	TOILET PARTITION
GWB	GYPSUM WALL BOARD	TR	TRIM
GYP	GYPSUM	TS	TACKABLE SURFACE
HR	HAND RAIL	TZ	TERRAZZO
KP	KICK PLATE	VCT	VINYL COMPOSITION FLOORING
LF	LINOLEUM FLOORING	WB	WOOD BASE
LVT	LUXURY VINYL TILE	WC	WALLCOVERING
M	MISCELLANEOUS	WCS	WOOD CEILINGS
MC	METAL CEILINGS	WD	WOOD
MI	MIRRORS	WP	WALL PROTECTION / RIGID SHEET
P	PAINT	WS	WOOD STAIN
PC	PRIVACY CURTAIN	WT	WINDOW TREATMENTS
PCN	PAINTED CONCRETE	WV	WOOD VENEER
POCN	POLISHED CONCRETE	X	EXPOSED
PL	PLASTIC LAMINATE	XP	EXPOSED PAINTED

INTERIOR SYMBOL LEGEND

XXX-## FURNITURE TAG

XXX-## FINISH TAG
ACCENT FINISH DESIGNATION

XXX-## SPECIALTY EQUIPMENT TAG

FLOORING PATTERN / GRAIN RUN DIRECTION

W	WW-00
B	BB-00
F	FF-00

ROOM FINISH TAG
W = WALL FINISH
B = BASE FINISH
F = FLOOR FINISH
NOTE: "ROOM FINISH TAG" INDICATES THE PREDOMINANT FINISHES USED IN THE ROOM. REFER TO FINISH PLANS, INTERIOR ELEVATIONS, AND FINISH TAGS FOR ACCENT FINISHES.

FLOOR DRAIN, RE: ARCH / PLUMBING
NOTE: SLOPE FINISHED FLOORING TO DRAIN, 2% SLOPE MAX. FLOOR MATERIALS TO BE CUT, MITERED, AND/OR MODIFIED AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE IN ENTIRE ROOM TO ALL FLOOR DRAIN LOCATIONS. PROVIDE PROPER NOTATION IN SHOP DRAWINGS. POSITIVE DRAINING TO BE VERIFIED IN THE FIELD BY CONTRACTOR.

S-# WALL MOUNTED SIGN

S-# CEILING MOUNTED SIGN

S-# DOOR MOUNTED SIGN

S-# DIRECTORY SIGN

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001650
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR GENERAL NOTES & FINISH KEY

SHEET NUMBER
ID001

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2026 10:23:39 PM

INTERIOR GENERAL FINISH NOTES

1. SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE, AND INSTALLATION.
2. CONTRACTOR SHALL INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. IN THE EVENT OF A CONFLICT BETWEEN THE FINISH SCHEDULE AND THE ISSUED SPECIFICATIONS, ALERT AND CONTACT THE DESIGNER FOR CLARIFICATION.
4. CONTRACTOR SHALL SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES IDENTIFIED WITH THE APPROPRIATE 'MARK' TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASING. PRODUCTS NOT SUBMITTED AND IDENTIFIED APPROPRIATELY WILL BE SENT BACK WITHOUT BEING REVIEWED AND WILL NEED TO BE RESUBMITTED.
5. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC)
6. ALL ITEMS IN OR LOCATED IN OR ON A WALL (I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS, OR CLOSURES, ETC.) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR, SEMI-GLOSS ALKYD ENAMEL, UNLESS NOTED OTHERWISE OR OTHER MANUFACTURER FINISHES ARE SPECIFIED. ELECTRICAL COVERPLATES TO MATCH ADJACENT WALL FINISH.
7. ALL EPOSED DUCTWORK, ELECTRICAL CONDUIT, PLUMBING SUPPLY, WASTE, OR VENTING AND ALL OTHER PIPING SHALL BE PAINTED TO MATCH ADJACENT SURFACE FINISH UNLESS NOTED OTHERWISE.
8. ALL DESIGNATED "ACCENT" WALLS (I.E. WALLS WITH SPECIALTY PAINT, WALLCOVERINGS, GRAPHICS, TELEVISIONS, DISPLAYS, ETC) SHALL BE COMPLETELY CLEAR OF ALL EQUIPMENT (I.E. STROBES, THERMOSTATS, F.E.C., F.H.C., ETC.) IF ANY CONFLICT OCCURS CONTACT ARCHITECT.
9. ALL FRP TO BE INSTALLED FULL HEIGHT UNLESS NOTED OTHERWISE.
10. ALL CORNERGUARDS TO BE INSTALLED AT FULL HEIGHT UNLESS NOTED OTHERWISE.
11. CLOSETS WITHIN A ROOM SHALL RECEIVE THE SAME FLOORING, BASE, AND WALL FINISHES AS THE ADJACENT ROOM, UNLESS OTHERWISE NOTED.
12. SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES.
13. INSTALL CEMENTITIOUS BACKER BOARD AT ALL LOCATIONS WITH WALL TILE, TYP.
14. ALL EXPOSED EDGES OF WALL TILE HORIZONTAL AND VERTICAL TO RECEIVE APPROPRIATE SCHLUTER METAL TRIM PROFILE UNLESS OTHERWISE NOTED. FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
15. MITER INSIDE AND OUTSIDE CORNERS OF BASE AT ALL LOCATIONS. WOOD BASE AT HOLLOW METAL FRAMES TO BE "ANGLED BACK".
16. PROVIDE SCHLUTER TRANSITION STRIPS AT ALL CHANGES IN FLOORING MATERIAL. ALL RUBBER TRANSITION STRIPS TO HAVE THE LOWEST PROFILE POSSIBLE. G.C. TO COORDINATE SIZE
17. FLOAT FLOOR AS REQUIRED TO ACHIEVE A FLUSH TRANSITION AT ALL CHANGES IN MATERIALS WHEN PRODUCTS OF DIFFERENT THICKNESS ARE INSTALLED ADJACENT TO ONE ANOTHER, THE CONTRACTOR SHALL FLOAT THE FLOOR WITH A RISE OF NO GREATER THAN 1/8" PER FOOT. FLOOR TRANSITION IS TO BE SMOOTH AND UNIFORM.
18. WHENEVER FLOORING TRANSITION OCCURS AT A DOOR OPENING, LOCATE TRANSITION STRIP AT CENTERLINE OF DOORWAYS OR DOORS WHEN IN THE CLOSED POSITION.
19. REFER TO FINISH KEY AND/OR FINISH PLANS FOR RUN DIRECTION AND INSTALLATION METHOD OF FLOORING. IF RUN DIRECTION AND INSTALLATION METHOD IS NOT NOTED, NOTIFY THE INTERIOR DESIGNER PRIOR TO INSTALLATION.
20. ALL FLOORING AS SCHEDULED TO BE INSTALLED THROUGHOUT THE ENTIRE EXTENTS OF INTERIOR SPACES PRIOR TO INSTALLION OF ALL MILLWORK, CASEWORK, COUNTERTOPS, FURNITURE, FIXTURES, AND EQUIPMENT, ETC. TYP. AT ALL LOCATIONS. ALL WALL FINISHES AS SCHEDULED TO BE INSTALLED BEHIND OR UNDER OPEN MILLWORK / CASEWORK WHEN WALL OR FLOOR IS EXPOSED TO VIEW.
21. WHERE A SURFACE IS TO BE PAINTED, PROVIDE THE FOLLOWING FINISHES, UNLESS OTHERWISE NOTED:
    A. HOLLOW METAL DOORS AND FRAMES: SEMI-GLOSS
    B. GYPSUM BOARD WALLS: SATIN
    C. GYPSUM BOARD CEILINGS AND SOFFITS: FLAT
    D. ALL OTHER PAINTED SURFACES: SATIN
    E. GYPSUM BOARD WALLS AND CEILINGS IN ALL WET LOCATIONS
       I.E. RESTROOMS, KITCHENS, SERVICE ROOMS, ETC.: EPOXY SEMI-GLOSS
    F. ALL WOOD TRIM AND MILLWORK: SEMI-GLOSS FINISH

    CHECK FINISH WITH SPECS
22. PROVIDE MATCHING CAULK AT THE FOLLOWING AREAS:
    A. DOOR FRAMES TO WALL, CEILING, AND FLOOR
    B. PLUMBING FIXTURES TO WALL AND FLOOR
    C. FLOOR BASE TO DOOR FRAME
    D. CABINETS, COUNTERTOPS AND/OR BACKSPLASH TO WALL
23. PROVIDE PICKED-PROOF CONTINUOUS CAULKING AT ALL FIXTURES AND FURNITURE TO WALLS/FLOORS; TYP. IN DETENTION AND INMATE ACCESSIBLE AREAS TO BE.
24. PROVIDE APPROPRIATE BLOCKING IN WALLS AT THE FOLLOWING LOCATIONS:
    A. ALL TELEVISION AND WALL MOUNTED MONITORS.
    B. ALL WINDOWS TO ACCOMMODATE WEIGHT OF ROLLER SHADES AND ASSOCIATED HARDWARE.
    C. ALL MIRRORS AND WALL MOUNTED EQUIPMENT.
25. ALL FLOOR AND WILL TILE GROUT LINES TO ALIGN AT ALL LOCATIONS WHERE POSSIBLE UNLESS NOTED OTHERWISE.

INTERIOR FINISH LEGEND

INTERIOR FLOOR FINISH LEGEND

LEGEND IS FOR IDENTIFYING FLOORING TYPES ON FINISH PLANS. REFER TO FINISH KEY ON ID001 FOR ADDITIONAL INFORMATION PERTAINING TO FLOORING TYPES

TL-1, TL-2, TL-3, C-1, C-2, C-3, C-4, C-5, SDT-1, SC-1

INTERIOR SYMBOL LEGEND

- XXX-## — FURNITURE TAG
- XXX-## — FINISH TAG (ACCENT FINISH DESIGNATION)
- XXX-## — SPECIALTY EQUIPMENT TAG
- FLOORING PATTERN / GRAIN RUN DIRECTION
- ROOM FINISH TAG

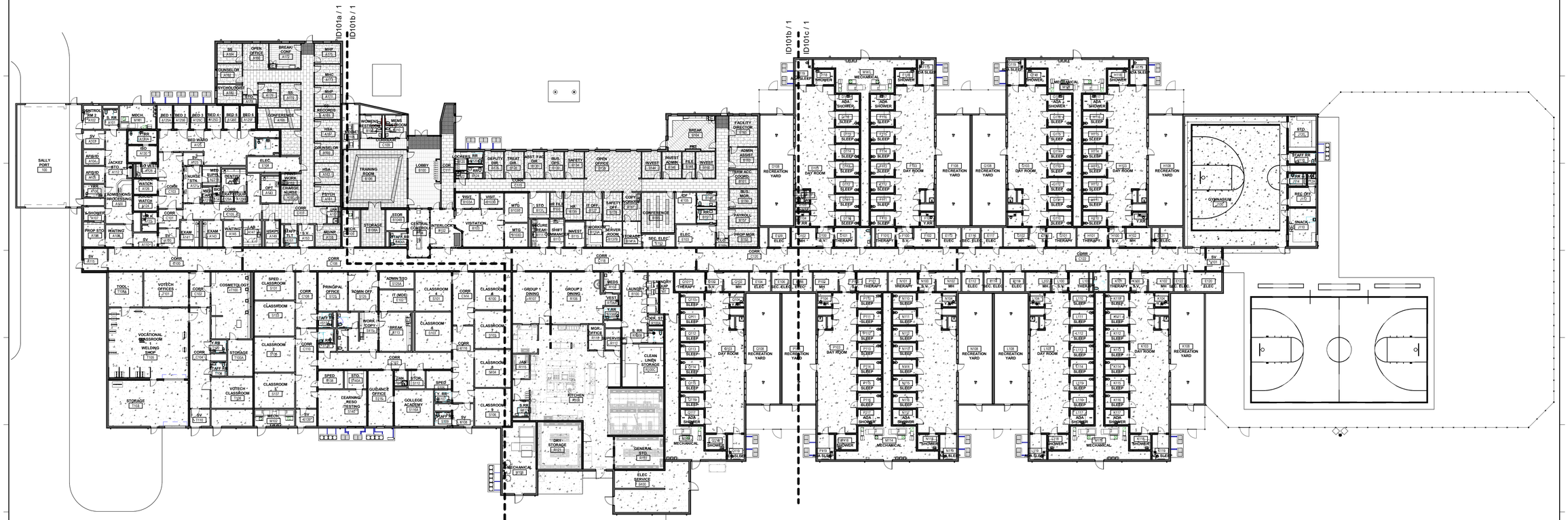
W	WW-00
B	BB-00
F	FF-00

W = WALL FINISH
B = BASE FINISH
F = FLOOR FINISH

NOTE: "ROOM FINISH TAG" INDICATES THE PREDOMINANT FINISHES USED IN THE ROOM. REFER TO FINISH PLANS, INTERIOR ELEVATIONS, AND FINISH TAGS FOR ACCENT FINISHES.

- FLOOR DRAIN, RE: ARCH / PLUMBING

NOTE: SLOPE FINISHED FLOORING TO DRAIN, 2% SLOPE MAX. FLOOR MATERIALS TO BE CUT, MITERED, AND/OR MODIFIED AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE IN ENTIRE ROOM TO ALL FLOOR DRAIN LOCATIONS. PROVIDE PROPER NOTATION IN SHOP DRAWINGS. POSITIVE DRAINING TO BE VERIFIED IN THE FIELD BY CONTRACTOR.



1 OVERALL FINISH PLAN
1" = 20'-0"

KEY PLAN

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FINISH PLAN - OVERALL

SHEET NUMBER
ID101

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:53:37 PM

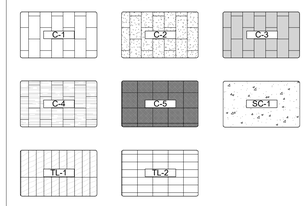
1 FINISH PLAN - SECTOR A
1/8" = 1'-0"

INTERIOR GENERAL FINISH NOTES

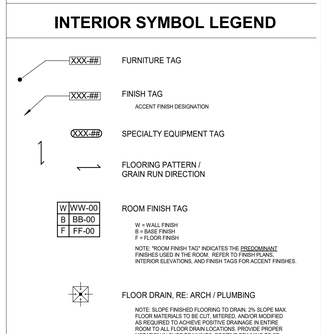
1. SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE, AND INSTALLATION.
2. CONTRACTOR SHALL INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. IN THE EVENT OF A CONFLICT BETWEEN THE FINISH SCHEDULE AND THE ISSUED SPECIFICATIONS, ALERT AND CONTACT THE DESIGNER FOR CLARIFICATION.
4. CONTRACTOR SHALL SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES IDENTIFIED WITH THE APPROPRIATE 'MARK' TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASING. PRODUCTS NOT SUBMITTED AND IDENTIFIED APPROPRIATELY WILL BE SENT BACK WITHOUT BEING REVIEWED AND WILL NEED TO BE RESUBMITTED.
5. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC).
6. ALL ITEMS IN OR LOCATED IN OR ON A WALL (I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS, OR CLOSURES, ETC.) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. SEMI-GLOSS ALKYD ENAMEL, UNLESS NOTED OTHERWISE OR OTHER MANUFACTURER FINISHES ARE SPECIFIED.
7. ALL DESIGNATED "ACCENT" WALLS (I.E. WALLS WITH SPECIALTY PAINT, WALLCOVERINGS, GRAPHICS, TELEVISIONS, DISPLAYS, ETC) SHALL BE COMPLETELY CLEAR OF ALL EQUIPMENT (I.E. STROBES, THERMOSTATS, F.E.C., F.H.C., ETC.) IF ANY CONFLICT OCCURS CONTACT ARCHITECT.
8. ALL FRP TO BE INSTALLED FULL HEIGHT UNLESS NOTED OTHERWISE. ALL CORNERGUARDS TO BE INSTALLED AT FULL HEIGHT UNLESS NOTED OTHERWISE.
9. ELECTRICAL COVERPLATES TO MATCH ADJACENT WALL FINISH.
10. CLOSETS WITHIN A ROOM SHALL RECEIVE THE SAME FLOORING, BASE, AND WALL FINISHES AS THE ADJACENT ROOM, UNLESS OTHERWISE NOTED.
11. SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES.
12. INSTALL CEMENTITIOUS BACKER BOARD AT ALL LOCATIONS WITH WALL TILE, TYP.
13. ALL EXPOSED EDGES OF WALL TILE HORIZONTAL AND VERTICAL TO RECEIVE APPROPRIATE SCHLUTER METAL TRIM PROFILE UNLESS OTHERWISE NOTED. FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
14. MITER INSIDE AND OUTSIDE CORNERS OF BASE AT ALL LOCATIONS. WOOD BASE AT HOLLOW METAL FRAMES TO BE "ANGLED BACK".
15. PROVIDE SCHLUTER TRANSITION STRIPS AT ALL CHANGES IN FLOORING MATERIAL. ALL RUBBER TRANSITION STRIPS TO HAVE THE LOWEST PROFILE POSSIBLE. G.C. TO COORDINATE SIZE
16. FLOAT FLOOR AS REQUIRED TO ACHIEVE A FLUSH TRANSITION AT ALL CHANGES IN MATERIALS WHERE TRANSITION STRIPS ARE NOT CALLED OUT.
17. WHENEVER FLOORING TRANSITION OCCURS AT A DOOR OPENING, LOCATE TRANSITION STRIP AT CENTERLINE OF DOORWAYS OR DOORS WHEN IN THE CLOSED POSITION.
18. REFER TO FINISH KEY AND/OR FINISH PLANS FOR RUN DIRECTION AND INSTALLATION METHOD OF FLOORING. IF RUN DIRECTION AND INSTALLATION METHOD IS NOT NOTED, NOTIFY THE INTERIOR DESIGNER PRIOR TO INSTALLATION.
19. ALL FLOORING TO EXTEND BENEATH MILLWORK, KNEE SPACES, AND/OR COUNTERTOPS. TYP. AT ALL LOCATIONS.
20. WHERE A SURFACE IS TO BE PAINTED, PROVIDE THE FOLLOWING FINISHES, UNLESS OTHERWISE NOTED:
    A. HOLLOW METAL DOORS AND FRAMES: SEMI-GLOSS
    B. GYPSUM BOARD WALLS: SATIN
    C. GYPSUM BOARD CEILINGS AND SOFFITS: FLAT
    D. ALL OTHER PAINTED SURFACES: SATIN
    E. GYPSUM BOARD WALLS AND CEILINGS IN ALL WET LOCATIONS I.E. RESTROOMS, KITCHENS, SERVICE ROOMS, ETC.: EPOXY SEMI-GLOSS
    F. ALL WOOD TRIM AND MILLWORK: SEMI-GLOSS FINISH
22. PROVIDE MATCHING CAULK AT THE FOLLOWING AREAS:
    A. DOOR FRAMES TO WALL, CEILING, AND FLOOR
    B. PLUMBING FIXTURES TO WALL AND FLOOR
    C. FLOOR BASE TO DOOR FRAME
    D. CABINETS, COUNTERTOPS AND/OR BACKSPLASH TO WALL
23. PROVIDE MATCHING PICK-PROOF CAULK AT ALL DETENTION FIXTURES AND ALL YOUTH ACCESSIBLE AREAS
24. PROVIDE APPROPRIATE BLOCKING IN WALLS AT THE FOLLOWING LOCATIONS:
    A. ALL TELEVISION AND WALL MOUNTED MONITORS.
    B. ALL WINDOWS TO ACCOMMODATE WEIGHT OF ROLLER SHADES AND ASSOCIATED HARDWARE.
    C. ALL MIRRORS AND WALL MOUNTED EQUIPMENT.
25. ALL FLOOR AND WALL TILE GROUT LINES TO ALIGN AT ALL LOCATIONS WHERE POSSIBLE UNLESS NOTED OTHERWISE.

INTERIOR FLOOR FINISH LEGEND

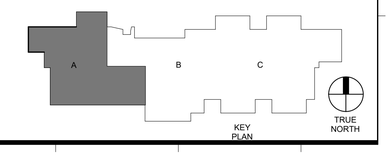
LEGEND IS FOR IDENTIFYING FLOORING TYPES ON FINISH PLANS. REFER TO FINISH KEY ON ID001 FOR ADDITIONAL INFORMATION PERTAINING TO FLOORING TYPES



INTERIOR SYMBOL LEGEND



KEY PLAN



Grace Design Studios
GERARD DAVID HEBERT II LICENSE No. 41934 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

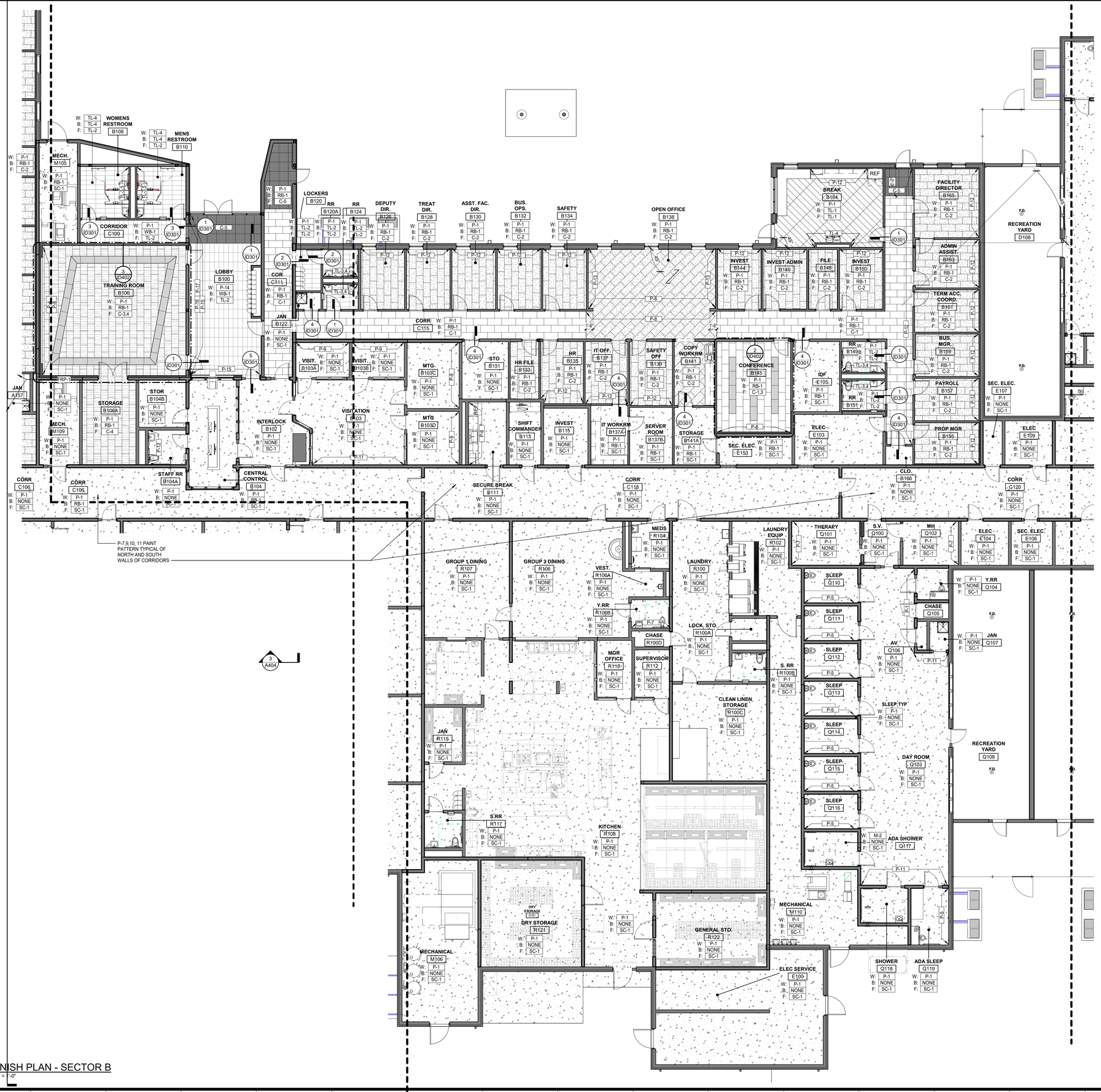
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FINISH PLAN - SECTOR A

SHEET NUMBER
ID101a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:39 PM



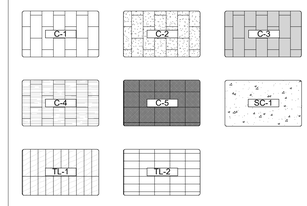
1 FINISH PLAN - SECTOR B
1/8" = 1'-0"

INTERIOR GENERAL FINISH NOTES

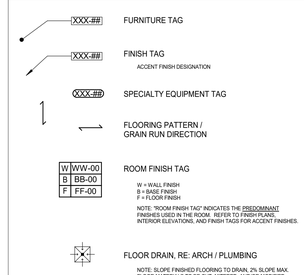
1. SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE, AND INSTALLATION.
2. CONTRACTOR SHALL INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. IN THE EVENT OF A CONFLICT BETWEEN THE FINISH SCHEDULE AND THE ISSUED SPECIFICATIONS, ALERT AND CONTACT THE DESIGNER FOR CLARIFICATION.
4. CONTRACTOR SHALL SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES IDENTIFIED WITH THE APPROPRIATE 'MARK' TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASING. PRODUCTS NOT SUBMITTED AND IDENTIFIED APPROPRIATELY WILL BE SENT BACK WITHOUT BEING REVIEWED AND WILL NEED TO BE RESUBMITTED.
5. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC)
6. ALL ITEMS IN OR LOCATED IN OR ON A WALL (I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS, OR CLOSURES, ETC.) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR, SEMI-GLOSS ALKYD ENAMEL, UNLESS NOTED OTHERWISE OR OTHER MANUFACTURER FINISHES ARE SPECIFIED.
7. ALL DESIGNATED "ACCENT" WALLS (I.E. WALLS WITH SPECIALTY PAINT, WALLCOVERINGS, GRAPHICS, TELEVISIONS, DISPLAYS, ETC) SHALL BE COMPLETELY CLEAR OF ALL EQUIPMENT (I.E. STROBES, THERMOSTATS, F.E.C., F.H.C., ETC.) IF ANY CONFLICT OCCURS CONTACT ARCHITECT.
8. ALL FRP TO BE INSTALLED FULL HEIGHT UNLESS NOTED OTHERWISE. ALL CORNERGUARDS TO BE INSTALLED AT FULL HEIGHT UNLESS NOTED OTHERWISE.
9. ELECTRICAL COVERPLATES TO MATCH ADJACENT WALL FINISH.
10. CLOSETS WITHIN A ROOM SHALL RECEIVE THE SAME FLOORING, BASE, AND WALL FINISHES AS THE ADJACENT ROOM, UNLESS OTHERWISE NOTED.
11. SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES.
12. INSTALL CEMENTITIOUS BACKER BOARD AT ALL LOCATIONS WITH WALL TILE, TYP.
13. ALL EXPOSED EDGES OF WALL TILE HORIZONTAL AND VERTICAL TO RECEIVE APPROPRIATE SCHLUTER METAL TRIM PROFILE UNLESS OTHERWISE NOTED. FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
14. MITER INSIDE AND OUTSIDE CORNERS OF BASE AT ALL LOCATIONS. WOOD BASE AT HOLLOW METAL FRAMES TO BE "ANGLED BACK".
15. PROVIDE SCHLUTER TRANSITION STRIPS AT ALL CHANGES IN FLOORING MATERIAL. ALL RUBBER TRANSITION STRIPS TO HAVE THE LOWEST PROFILE POSSIBLE. G.C. TO COORDINATE SIZE.
16. FLOAT FLOOR AS REQUIRED TO ACHIEVE A FLUSH TRANSITION AT ALL CHANGES IN MATERIALS WHERE TRANSISTION STRIPS ARE NOT CALLED OUT.
17. WHENEVER FLOORING TRANSITION OCCURS AT A DOOR OPENING, LOCATE TRANSITION STRIP AT CENTERLINE OF DOORWAYS OR DOORS WHEN IN THE CLOSED POSITION.
18. REFER TO FINISH KEY AND/OR FINISH PLANS FOR RUN DIRECTION AND INSTALLATION METHOD OF FLOORING. IF RUN DIRECTION AND INSTALLATION METHOD IS NOT NOTED, NOTIFY THE INTERIOR DESIGNER PRIOR TO INSTALLATION.
19. ALL FLOORING TO EXTEND BENEATH MILLWORK, KNEE SPACES, AND/OR COUNTERTOPS. TYP. AT ALL LOCATIONS.
20. WHERE A SURFACE IS TO BE PAINTED, PROVIDE THE FOLLOWING FINISHES, UNLESS OTHERWISE NOTED:
    A. HOLLOW METAL DOORS AND FRAMES: SEMI-GLOSS
    B. GYPSUM BOARD WALLS: SATIN
    C. GYPSUM BOARD CEILINGS AND SOFFITS: FLAT
    D. ALL OTHER PAINTED SURFACES: SATIN
    E. GYPSUM BOARD WALLS AND CEILINGS IN ALL WET LOCATIONS I.E. RESTROOMS, KITCHENS, SERVICE ROOMS, ETC.: EPOXY SEMI-GLOSS
    F. ALL WOOD TRIM AND MILLWORK: SEMI-GLOSS FINISH
22. PROVIDE MATCHING CAULK AT THE FOLLOWING AREAS:
    A. DOOR FRAMES TO WALL, CEILING, AND FLOOR
    B. PLUMBING FIXTURES TO WALL AND FLOOR
    C. FLOOR BASE TO DOOR FRAME
    D. CABINETS, COUNTERTOPS AND/OR BACKSPLASH TO WALL
23. PROVIDE MATCHING PICK-PROOF CAULK AT ALL DETENTION FIXTURES AND ALL YOUTH ACCESSIBLE AREAS
24. PROVIDE APPROPRIATE BLOCKING IN WALLS AT THE FOLLOWING LOCATIONS:
    A. ALL TELEVISION AND WALL MOUNTED MONITORS.
    B. ALL WINDOWS TO ACCOMMODATE WEIGHT OF ROLLER SHADES AND ASSOCIATED HARDWARE.
    C. ALL MIRRORS AND WALL MOUNTED EQUIPMENT.
25. ALL FLOOR AND WILL TILE GROUT LINES TO ALIGN AT ALL LOCATIONS WHERE POSSIBLE UNLESS NOTED OTHERWISE.

INTERIOR FLOOR FINISH LEGEND

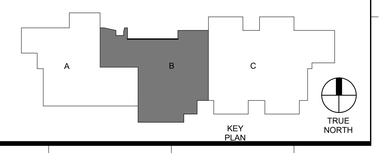
LEGEND IS FOR IDENTIFYING FLOORING TYPES ON FINISH PLANS. REFER TO FINISH KEY ON ID001 FOR ADDITIONAL INFORMATION PERTAINING TO FLOORING TYPES



INTERIOR SYMBOL LEGEND



KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

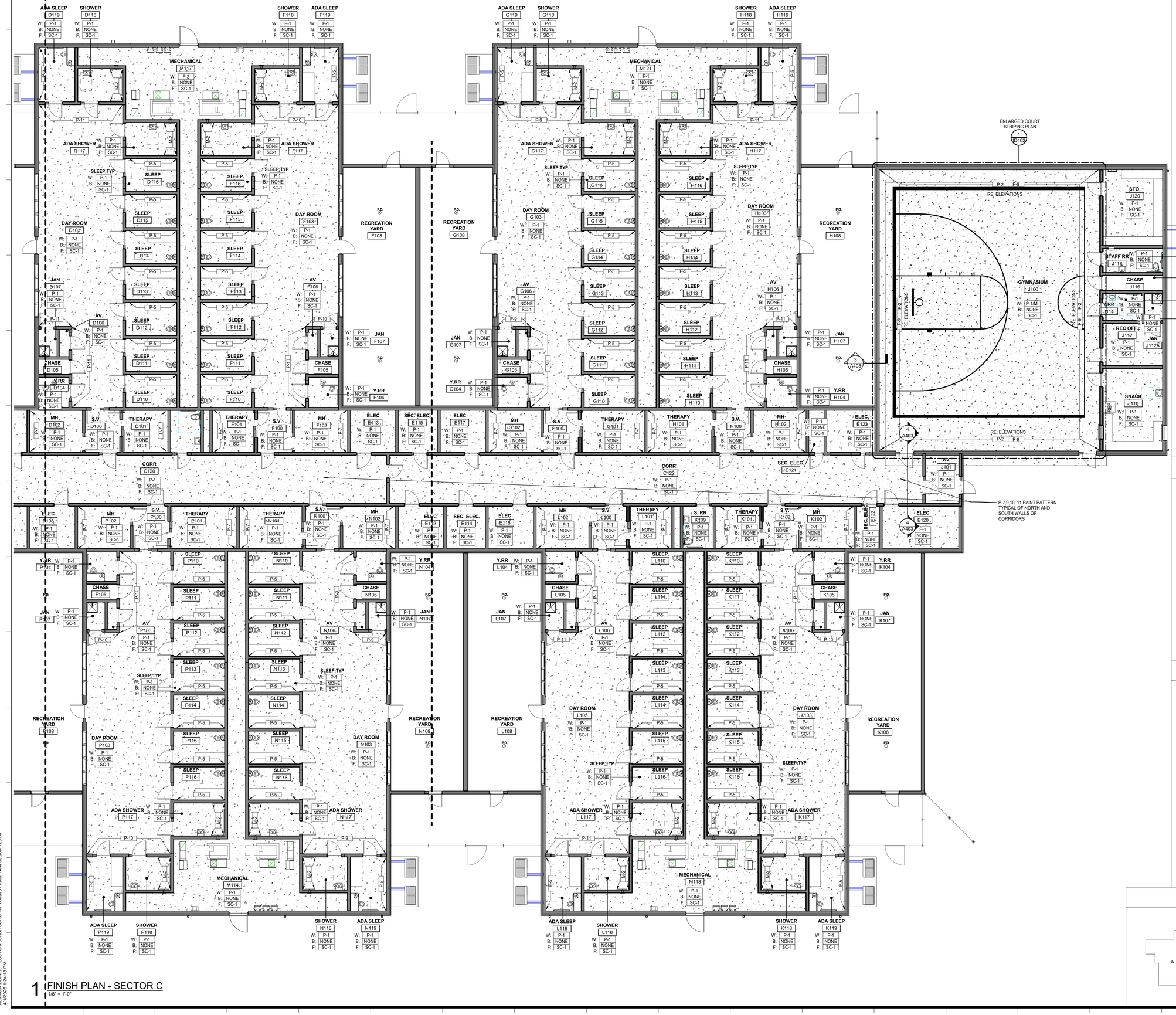
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FINISH PLAN - SECTOR B

SHEET NUMBER
ID101b

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:44:08 PM



1 FINISH PLAN - SECTOR C
1/8" = 1'-0"

INTERIOR GENERAL FINISH NOTES

1. SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE, AND INSTALLATION.
2. CONTRACTOR SHALL INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. IN THE EVENT OF A CONFLICT BETWEEN THE FINISH SCHEDULE AND THE ISSUED SPECIFICATIONS, ALERT AND CONTACT THE DESIGNER FOR CLARIFICATION.
4. CONTRACTOR SHALL SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES IDENTIFIED WITH THE APPROPRIATE 'MARK' TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASING. PRODUCTS NOT SUBMITTED AND IDENTIFIED APPROPRIATELY WILL BE SENT BACK WITHOUT BEING REVIEWED AND WILL NEED TO BE RESUBMITTED.
5. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC).
6. ALL ITEMS IN OR LOCATED IN OR ON A WALL (I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS, OR CLOSURES, ETC.) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR, SEMI-GLOSS ALKYD ENAMEL, UNLESS NOTED OTHERWISE OR OTHER MANUFACTURER FINISHES ARE SPECIFIED.
7. ALL DESIGNATED "ACCENT" WALLS (I.E. WALLS WITH SPECIALTY PAINT, WALLCOVERINGS, GRAPHICS, TELEVISIONS, DISPLAYS, ETC) SHALL BE COMPLETELY CLEAR OF ALL EQUIPMENT (I.E. STROBES, THERMOSTATS, F.E.C., F.H.C., ETC.) IF ANY CONFLICT OCCURS CONTACT ARCHITECT.
8. ALL FRP TO BE INSTALLED FULL HEIGHT UNLESS NOTED OTHERWISE. ALL CORNERGUARDS TO BE INSTALLED AT FULL HEIGHT UNLESS NOTED OTHERWISE.
9. ELECTRICAL COVERPLATES TO MATCH ADJACENT WALL FINISH.
10. CLOSETS WITHIN A ROOM SHALL RECEIVE THE SAME FLOORING, BASE, AND WALL FINISHES AS THE ADJACENT ROOM, UNLESS OTHERWISE NOTED.
11. SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES.
12. INSTALL CEMENTITIOUS BACKER BOARD AT ALL LOCATIONS WITH WALL TILE, TYP.
13. ALL EXPOSED EDGES OF WALL TILE HORIZONTAL AND VERTICAL TO RECEIVE APPROPRIATE SCHLUTER METAL TRIM PROFILE UNLESS OTHERWISE NOTED. FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
14. MITER INSIDE AND OUTSIDE CORNERS OF BASE AT ALL LOCATIONS. WOOD BASE AT HOLLOW METAL FRAMES TO BE "ANGLED BACK".
15. PROVIDE SCHLUTER TRANSITION STRIPS AT ALL CHANGES IN FLOORING MATERIAL. ALL RUBBER TRANSITION STRIPS TO HAVE THE LOWEST PROFILE POSSIBLE. G.C. TO COORDINATE SIZE.
16. INSTALL FLOOR AS REQUIRED TO ACHIEVE A FLUSH TRANSITION AT ALL CHANGE OF MATERIALS WHERE TRANSITION STRIPS ARE NOT CALLED OUT.
17. WHENEVER FLOORING TRANSITION OCCURS AT A DOOR OPENING, LOCATE TRANSITION STRIP AT CENTERLINE OF DOORWAYS OR DOORS WHEN IN THE CLOSED POSITION.
18. REFER TO FINISH KEY AND/OR FINISH PLANS FOR RUN DIRECTION AND INSTALLATION METHOD OF FLOORING. IF RUN DIRECTION AND INSTALLATION METHOD IS NOT NOTED, NOTIFY THE INTERIOR DESIGNER PRIOR TO INSTALLATION.
19. ALL FINISHES TO EXTEND BENEATH MILLWORK, KNEE SPACES, AND/OR COUNTERTOPS. TYP. AT ALL LOCATIONS.
20. WHERE A GYP. SURFACE IS TO BE PAINTED, PROVIDE THE FOLLOWING FINISHES, UNLESS OTHERWISE NOTED:
    A. HOLLOW METAL DOORS AND FRAMES: SEMI-GLOSS
    B. GYPSUM BOARD WALLS: SATIN
    C. GYPSUM BOARD CEILINGS AND SOFFITS: FLAT
    D. ALL OTHER PAINTED SURFACES: SATIN
    E. GYPSUM BOARD WALLS AND CEILINGS IN ALL WET LOCATIONS I.E. RESTROOMS, KITCHENS, SERVICE ROOMS, ETC.: EPOXY SEMI-GLOSS
    F. ALL WOOD TRIM AND MILLWORK: SEMI-GLOSS FINISH
22. PROVIDE MATCHING CAULK AT THE FOLLOWING AREAS:
    A. DOOR FRAMES TO WALL, CEILING, AND FLOOR
    B. PLUMBING FIXTURES TO WALL AND FLOOR
    C. FLOOR BASE TO DOOR FRAME
    D. CABINETS, COUNTERTOPS AND/OR BACKSPLASH TO WALL
23. PROVIDE MATCHING PICK-PROOF CAULK AT ALL DETENTION FIXTURES AND ALL YOUTH ACCESSIBLE AREAS
24. PROVIDE APPROPRIATE BLOCKING IN WALLS AT THE FOLLOWING LOCATIONS:
    A. ALL TELEVISION AND WALL MOUNTED MONITORS.
    B. ALL WINDOWS TO ACCOMMODATE WEIGHT OF ROLLER SHADES AND ASSOCIATED HARDWARE.
    C. ALL MIRRORS AND WALL MOUNTED EQUIPMENT.
25. ALL FLOOR AND WALL TILE GROUT LINES TO ALIGN AT ALL LOCATIONS WHERE POSSIBLE UNLESS NOTED OTHERWISE.

INTERIOR FLOOR FINISH LEGEND

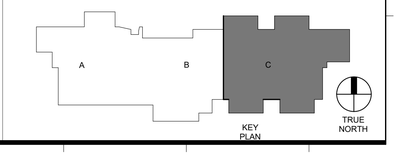
LEGEND IS FOR IDENTIFYING FLOORING TYPES ON FINISH PLANS. REFER TO FINISH KEY ON ID001 FOR ADDITIONAL INFORMATION PERTAINING TO FLOORING TYPES

C-1 C-2 C-3 C-4 C-5 SC-1 TL-1 TL-2

INTERIOR SYMBOL LEGEND

- XXX-## — FURNITURE TAG
- XXX-## — FINISH TAG (ACCENT FINISH DESIGNATION)
- XXX-## — SPECIALTY EQUIPMENT TAG
- FLOORING PATTERN / GRAIN RUN DIRECTION
- ROOM FINISH TAG
  - W WW-00 — W = WALL FINISH
  - B BB-00 — B = BASE FINISH
  - F FF-00 — F = FLOOR FINISH
  - NOTE: "ROOM FINISH TAG" INDICATES THE PREDOMINANT FINISHES USED IN THE ROOM. REFER TO FINISH PLANS, INTERIOR ELEVATIONS, AND FINISH TAGS FOR ACCENT FINISHES.
- FLOOR DRAIN, RE: ARCH / PLUMBING
  - NOTE: SLOPE FINISHED FLOORING TO DRAIN, 2% SLOPE MAX. FLOOR MATERIALS TO BE CUT, MITERED, AND/OR MODIFIED AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE IN ENTIRE ROOM TO ALL FLOOR DRAIN LOCATIONS. PROVIDE PROPER NOTATION IN SHOP DRAWINGS. POSITIVE DRAINING TO BE VERIFIED IN THE FIELD BY CONTRACTOR.

KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN DISTRIBUTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

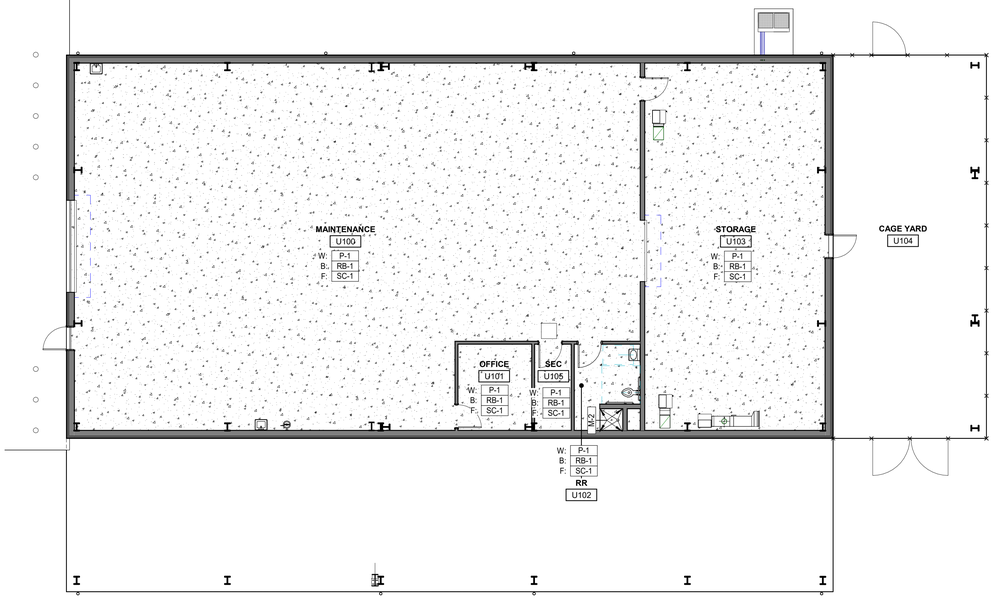
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FINISH PLAN - SECTOR C

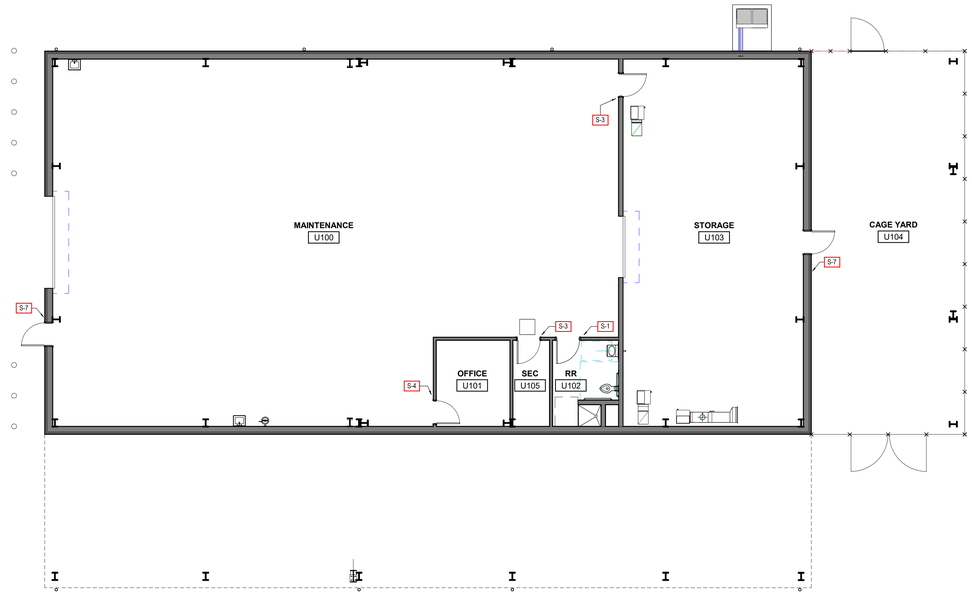
SHEET NUMBER
ID101c

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2026 10:24:13 PM



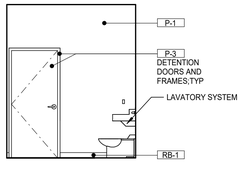
NOTE: REFER TO ID001 FOR INTERIOR FINISH NOTES AND LEGENDS

1 OVERALL FINISH PLAN - METAL MAINTENANCE BUILDING
1/8" = 1'-0"

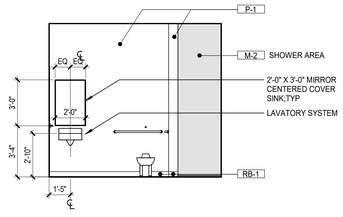


NOTE: REFER TO ID131 FOR INTERIOR SIGNAGGE GENERAL NOTES, LEGEND, MOUNTING DETAILS, AND SIGNAGE TYPES

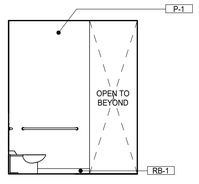
2 OVERALL SIGNAGE PLAN - METAL MAINTENANCE BUILDING
1/8" = 1'-0"



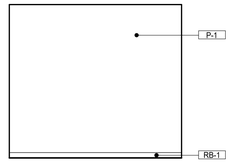
3 RR U102 - NORTH
1/4" = 1'-0"



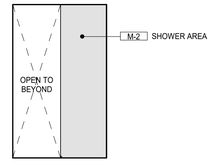
4 RR U102 - EAST
1/4" = 1'-0"



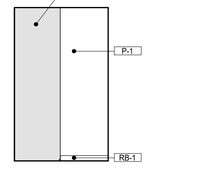
5 RR U102 - SOUTH
1/4" = 1'-0"



6 RR U102 - WEST
1/4" = 1'-0"



7 RR U102 SHOWER - NORTH
1/4" = 1'-0"



8 RR U102 SHOWER - SOUTH
1/4" = 1'-0"

TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:24:13 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR MANUFACTURER OR SUPPLIER REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-24-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MAINTENANCE BUILDING INTERIOR PLANS AND ELEVATIONS

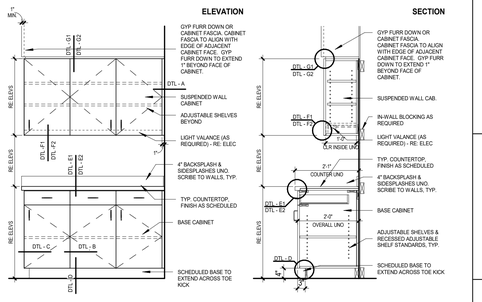
SHEET NUMBER

ID102

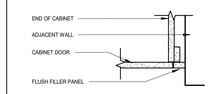
INTERIOR MILLWORK GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD & PROVIDE PROPER NOTATIONS IN THE SHOP DRAWING SUBMITTALS PRIOR TO FABRICATION & INSTALLATION.
2. CONTRACTOR TO COORDINATE ALL CLEARANCES, POWER LOCATIONS, & VENTILATION REQUIREMENTS FOR ALL APPLIANCES, EQUIPMENT, & PLUMBING PRIOR TO FABRICATION. CONTRACTOR TO COORDINATE ALL CLEARANCES FOR COVERPLATES & ELECTRICAL OUTLETS SO THAT THEY CLEAR ALL MILLWORK, COUNTERTOPS, & BACKSPLASHES. CONTRACTOR TO COORDINATE DEPTHS OF ALL COUNTERTOPS WITH COUNTER MOUNTED EQUIPMENT.
3. CONTRACTOR TO PROVIDE & COORDINATE BLOCKING IN ALL WALLS REQUIRED FOR PANELING SYSTEM, CABINETS, COUTNERTOPS, & SUPPORT BRACKETS. COORDINATE WALL-MOUNTED ITEMS WITH REVEAL SYSTEM (CENTER IN PANEL WHERE POSSIBLE UNLESS NOTED OTHERWISE).
4. DRAWINGS & NOTES CONVEY THE DESIGN INTENT & AIM TO DEPICT ALL PRIMARY PANEL ELEVATIONS. CONTRACTOR IS TO INCLUDE ALL INFERRED OR ASSUMED RETURN PANELS & ASSOCIATED POSTS, REVEALS, TRANSITIONS, ETC. THAT ARE REQUIRED BY THE DESIGN INTENT & MAINTAIN A CONSISTANT APPROACH ACCROSS THE PROJECT.
5. DETAILS ARE SHOWN FOR DESIGN INTENT ONLY. FABRICATOR TO CONFIRM ALL STRUCTURAL REQUIREMENTS & FABRICATION METHODS ARE SAFE FOR HEAVY COMMERCIAL USE. FABRICATOR TAKES FULL RESPONSIBILITY THAT FABRICATION MEANS & METHODS MEET OR EXCEED OWNER'S REQUIREMENTS & ARE SAFE FOR PUBLIC USE.
6. DIMENSIONS ARE NOTED FROM FACE OF FINISH UNLESS NOTED OTHERWISE. REFER TO INTERIOR ELEVATIONS FOR ALL CABINET SIZES. ANY DEVIATIONS FROM DIMENSIONS OR LAYOUT MUST BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. ALL SWITCHES, OUTLETS, THERMOSTATS, FIRE ALARM DEVICES, CONTROLS, ETC. IN MILLWORK ARE TO BE LOCATED BY THE ARCHITECT IF DIMENSIONS ARE NOT INDICATED IN THE DRAWINGS. NOTED HEIGHTS AND DEPTHS INDICATE TYPICAL CONDITIONS, REFER TO MILLWORK PLANS AND ELEVATIONS FOR CABINET DIMENSIONS & SPECIAL REQUIREMENTS.
7. ALL MILLWORK SHALL BE MANUFACTURERED IN ACCORDANCE WITH ARCHITECTURAL WOODWORKING INSTITUTE QUALITY STANDARD FOR "CUSTOM GRADE" SPECIFICATIONS.
8. ALL CABINETS TO BE TO BE FLUSH OVERLAY UNLESS NOTED OTHERWISE
9. SUSPENDED WALL CABINET WIDTH TO ALIGN WITH BASE CABINET WIDTH UNLESS NOTED OTHERWISE.
10. ADA HEIGHT TO BE TOP OF HIGHEST POINT. IF TOP MOUNTED SINK IS SPECIFIED, THEN ADA HEIGHT IS TO ALIGN WITH THE TOP OF SINK. WHERE ADA ROLL-UNDER SINK APRON IS ADJACENT TO MILLWORK WITH DRAWERS, ALL TOP DRAWERS SHALL ALIGN WITH VERTICAL PANEL OF SINK APRON. PROVIDE NOTATION IN SHOP DRAWINGS FOR VERIFICATION BY ARCHITECT.
11. WHERE COUNTERTOPS OF TWO DIFFERENT HEIGHTS MEET, PROVIDE WATERFALL EDGE TRANSITION BETWEEN HEIGHTS. BACKSPLASH SHALL BE 4" FROM THE HIGHER SURFACE & BE CONTINUOUS ACROSS ENTIRE WALL. ALL BACKSPLASHES TO ALIGN, TYP.
12. PROVIDE FILLER PANELS AS REQUIRED. 1-1/2" TYPICAL MAXIMUM, NOT TO EXCEED 3" AT WALLS & CORNER CABINET JUNCTURES TO ALLOW PROPER DOOR & DRAWER OPERATION. MILLWORK DOORS THAT OCCUR ADJACENT TO & END WALL HINGES ARE TO STOP AT 90 DEGREES TO PREVENT DOOR & HARDWARE FROM INTERFERING WITH THE ADJACENT WALL.
13. PROVIDE FINISHED END PANELS & / OR END RETURNS AT OPEN ENDED MILLWORK. ALL EXPOSED MATERIALS TO BE FINISHED.
14. PROVIDE LIGHT VALANCE AT ALL UNDERCABINET TASK LIGHTING LOCATIONS. REFER TO INTERIOR ELEVATIONS FOR UNDERCABINET LIGHTING LOCATIONS. CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR.
15. ALL SHELVES ARE TO BE ADJUSTABLE UNLESS NOTED OTHERWISE. ALL SHELVES WITH SPANS OF 32"-42" LONG SHALL BE 1" THICK. ALL SHELVES WITH SPANS OF 42"-48" SHALL BE 1-1/2" THICK.
16. TWO-PART CLEAR CAULK / SEALANT TO BE USED ON ALL MILLWORK. NO COLORED CAULK WILL BE ACCEPTED. WHITE CAULK MAY ONLY BE USED ON WHITE SURFACES ONLY. TWO-PART CAULK / SEALANT TO BE PROVIDED AT ALL COUNTERTOPS, CRACKS & SEAMS ON INTERIOR & / OR EXPOSED SURFACE OF CABINETS, INCLUDING THE RETURN ABOVE KICKBOARD TO PREVENT THE PASSAGE OF INSECTS. ADJACENT PIECES OF MILLWORK SHALL BE TIGHTLY FITTED TOGETHER WITHOUT GAPS.
17. ALL STAINED MILLWORK AND TRIM SHALL BE SHOP-FINISHED.
18. NO WOOD MOULDINGS MAY TERMIATE ON AN OUTSIDE CORNER OR BE BUTT JOINED. ALL WOOD MOULDINGS SHALL TERMINATE ON AN INSIDE CORNER AND BE MITERED. WOOD BASE AT HOLLOW METAL FRAMES TO BE "ANGLED BACK".
19. ALL MILLWORK SHALL HAVE A MELAMINE INTERIOR FINISH ON INTERIOR SURFACES UNLESS OTHERWISE NOTED. DESIGNER TO SELECT COLOR FROM MANUFACTURER'S FULL RANGE OF FINISHES. PROVIDE PROPER NOTATION IN SHOP DRAWINGS FOR VERIFICATION.
20. TYPICAL HARDWARE UNLESS NOTED OTHERWISE:
    A. GROMMETS: PROVIDE ONE (1) 2" STAINLESS STEEL GROMMET AT ALL KNEE SPACES, ONE (1) AT EVERY 4'-0" OC AT CONTINUOUS KNEE SPACES, AND AT ALL COUNTERTOPS ABOVE OUTLETS. VERIFY ALL LOCATIONS WITH OWNER IN THE FIELD PRIOR TO INSTALLATION. *YOUTH ACCESSIBLE LOCATIONS TO RECIEVE 2" HOLE IN COUNTER PAINTED TO MATCH COUNTERTOP; RE: ELEVATIONS
    B. DRAWER & DOOR PULLS: DOUG MOCKETT DP128 - 6 11/16" ROUND TOP ADA DRAWER PULL. FINISH TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. PROVIDE DRAWER PULLS AT ALL FALSE FRONTS.
    C. SUPPORT BRACKETS: PROVIDE SURFACE MOUNTED COUNTERTOP SUPPORT BRACKETS AT 36" OC MAX FOR CONTINUOUS KNEE SPACE & OPEN SHELVES UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY EXACT MODEL NUMBER WITH COUNTERTOP LENGTH. COORDINATE "RIGHT-SIDE, LEFT-SIDE, OR UNIVERSAL FLANGE" WITH STUD LOCATIONS. INSTALL PER MANUFACTURER'S GUIDELINES. CONTRACTOR TO VERIFY ALL SUPPORT BRACKETS ARE FREE & CLEAR FROM ACCESS PANELS, TYP.
    D. ALL DOOR HINGES AND DRAWER GLIDES TO BE SOFT-CLOSE.
    E. REFER TO INTERIOR ELEVATIONS FOR ALL CABINETS REQUIRING LOCKS.
    F. ALL FASTENERS TO BE CONCEALED.
    G. ALL MILLWORK HARDWARE TO BE TAMPER RESISTANT; TYP
21. MILLWORK TO RECEIVE PAINTED TOE KICK; TYP FOR ROOMS ACCESSIBLE TO YOUTH

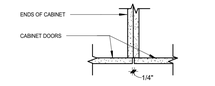
INTERIOR MILLWORK TYPICAL DETAILS



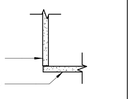
DETAIL - A
PLAN - CABINET / END RUN FILLER



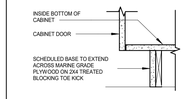
DETAIL - B
PLAN - CABINET TO CABINET



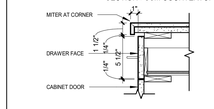
DETAIL - C
PLAN - FINISHED END OF CABINET



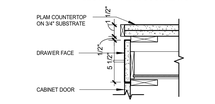
DETAIL - D
SECTION - TOE KICK



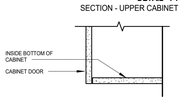
DETAIL - E1
SECTION - SSM COUNTERTOP



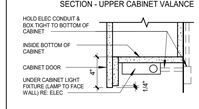
DETAIL - E2
SECTION - PLAM COUNTERTOP



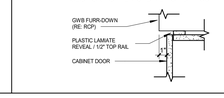
DETAIL - F1
SECTION - UPPER CABINET



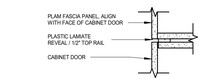
DETAIL - F2
SECTION - UPPER CABINET VALANCE

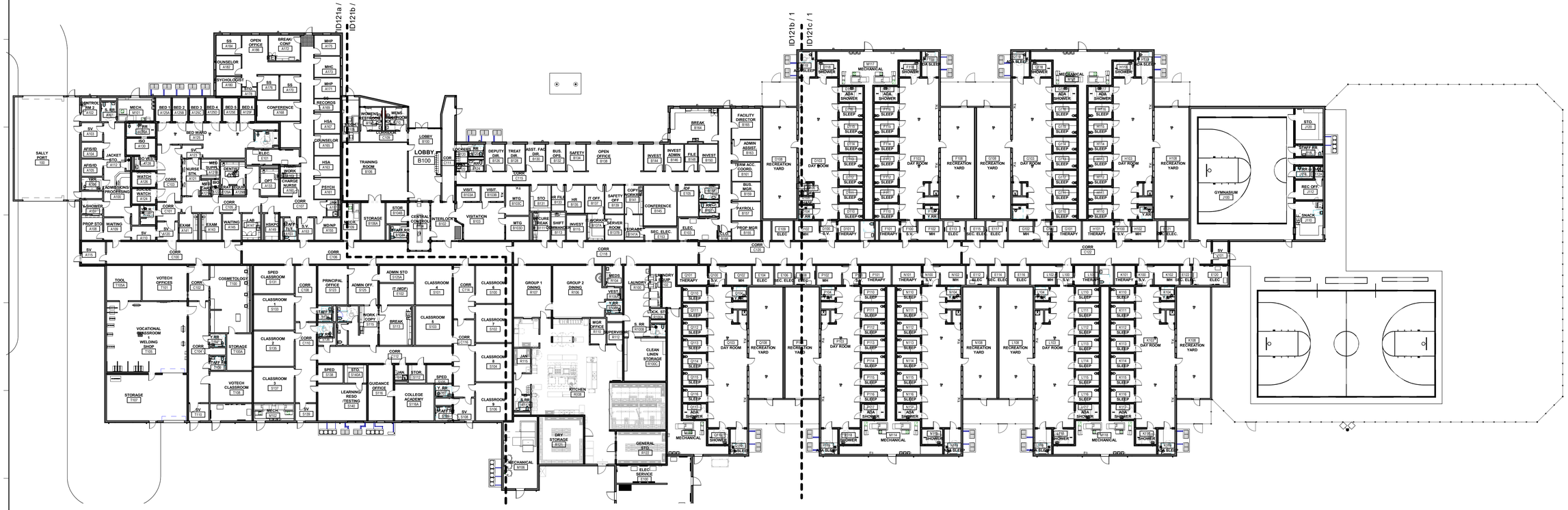


DETAIL - G1
SECTION - UPPER CABINET GWB FASCIA



DETAIL - G2
SECTION - UPPER CABINET PLAM FASCIA





1 OVERALL MILLWORK PLAN
1" = 20'-0"

MILLWORK LEGEND

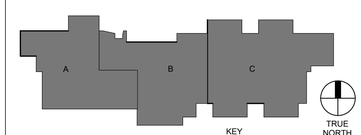
MILLWORK/ COUNTERS TO BE PROVIDED BY GENERAL CONTRACTOR

STAINLESS STEEL MILLWORK/ COUNTERS TO BE PROVIDED BY DETENTION CONTRACTOR

NOTES:

REFER TO ID121 FOR INTERIOR MILLWORK GENERAL NOTES AND TYPICAL DETAILS; REFER TO INTERIOR DETAIL SHEETS FOR ADDITIONAL INFORMATION ON CABINET SPECIFICATIONS.

KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MILLWORK PLAN - OVERALL

SHEET NUMBER
ID121

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:24:19 PM

1 MILLWORK PLAN - SECTOR A
1/8" = 1'-0"

MILLWORK LEGEND

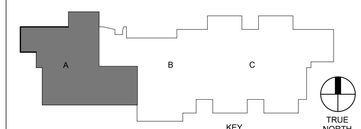
MILLWORK/ COUNTERS TO BE PROVIDED BY GENERAL CONTRACTOR

STAINLESS STEEL MILLWORK/ COUNTERS TO BE PROVIDED BY DETENTION CONTRACTOR

NOTES:

REFER TO ID121 FOR INTERIOR MILLWORK GENERAL NOTES AND TYPICAL DETAILS; REFER TO INTERIOR DETAIL SHEETS FOR ADDITIONAL INFORMATION ON CABINET SPECIFICATIONS.

KEY PLAN



Grace Design Studios

GERALD DAVID HEBERT II LICENSE No. 41787 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN DISTRIBUTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

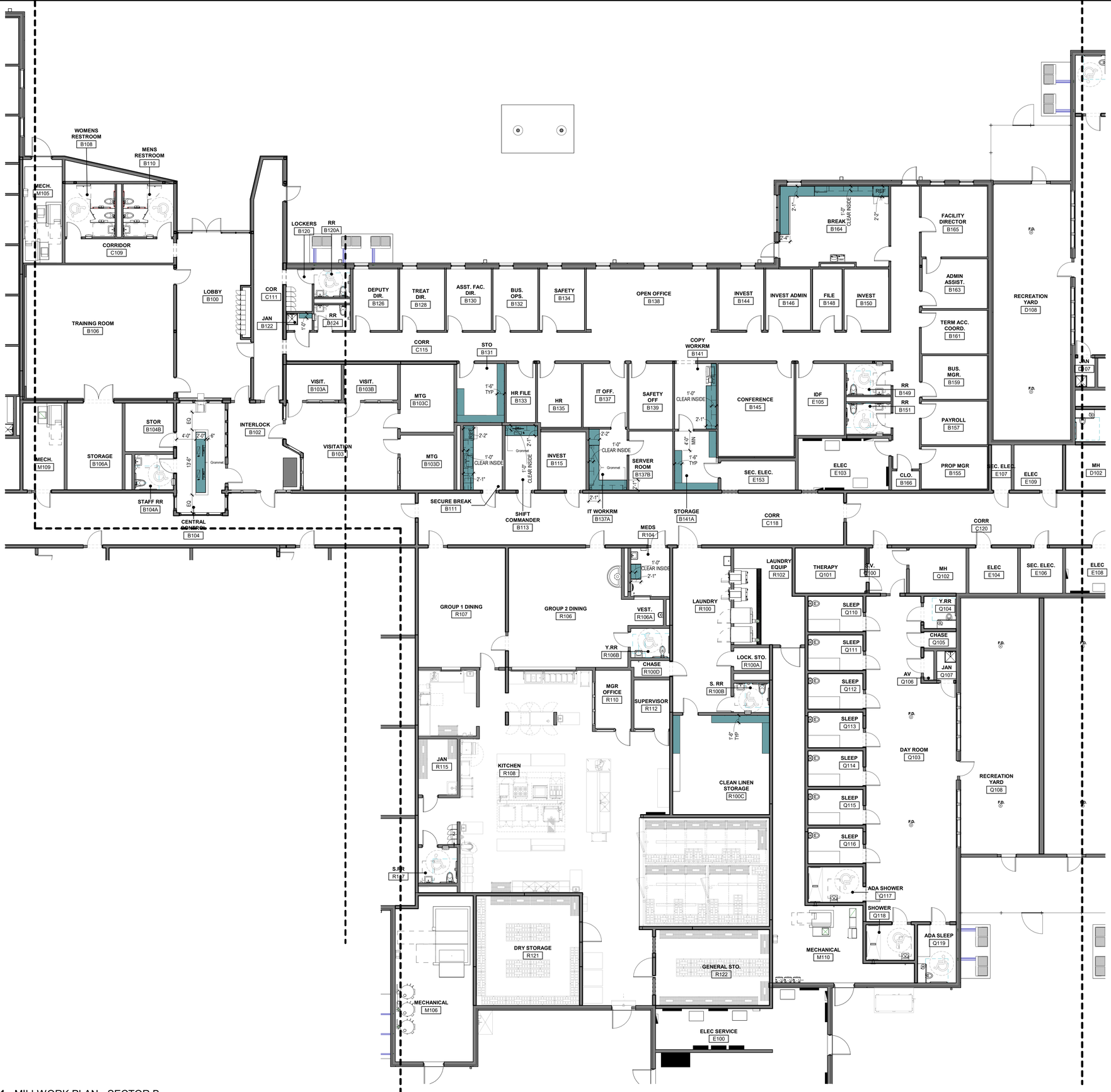
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MILLWORK PLAN - SECTOR A

SHEET NUMBER
ID121a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:20:20 PM



1 MILLWORK PLAN - SECTOR B
1/8" = 1'-0"

MILLWORK LEGEND

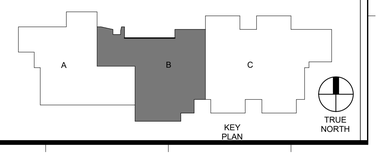
MILLWORK/ COUNTERS TO BE PROVIDED BY GENERAL CONTRACTOR

STAINLESS STEEL MILLWORK/ COUNTERS TO BE PROVIDED BY DETENTION CONTRACTOR

NOTES:

REFER TO ID121 FOR INTERIOR MILLWORK GENERAL NOTES AND TYPICAL DETAILS; REFER TO INTERIOR DETAIL SHEETS FOR ADDITIONAL INFORMATION ON CABINET SPECIFICATIONS.

KEY PLAN



Grace Design Studios

GERALD DAVID HEBERT II LICENSE No. 41907 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

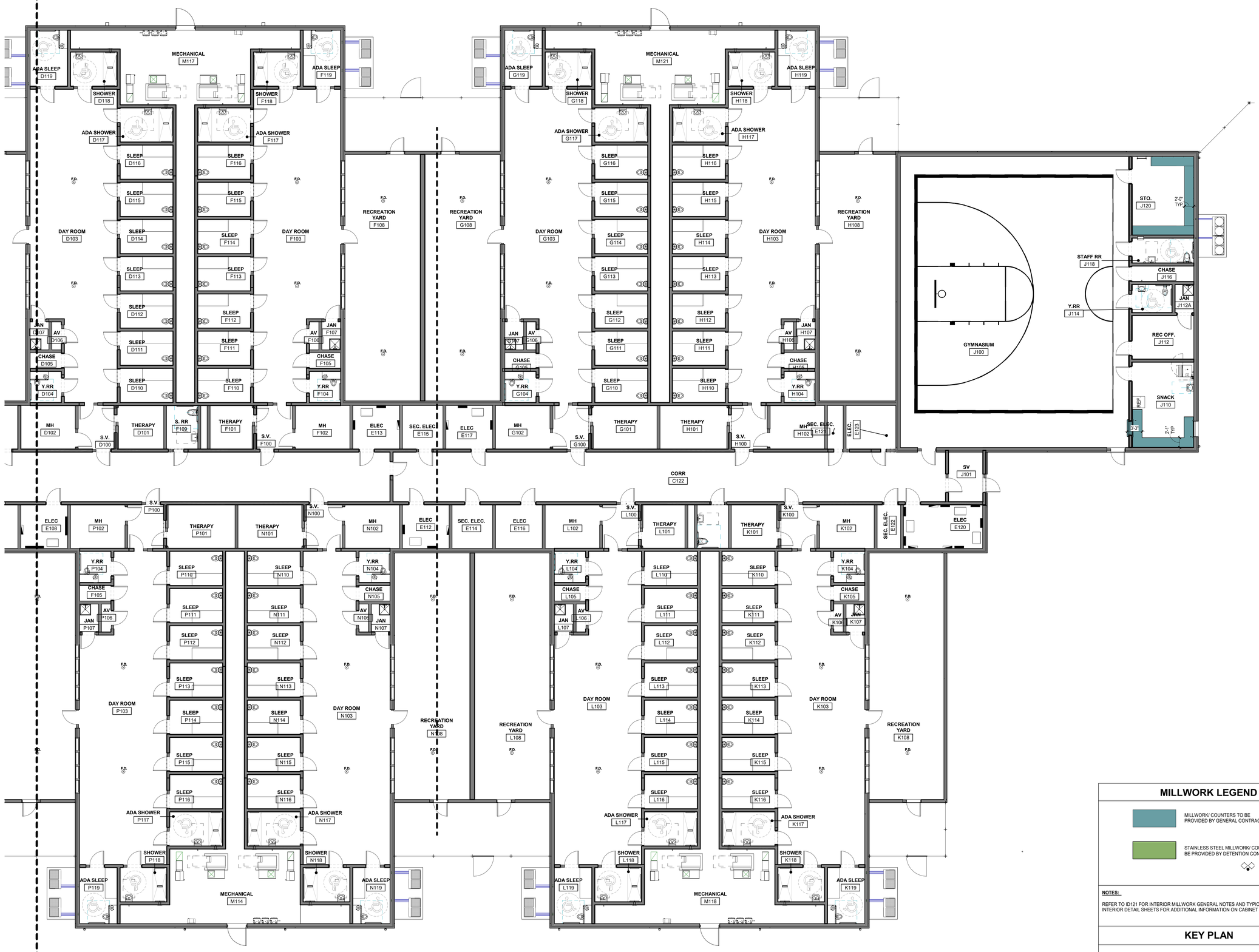
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MILLWORK PLAN - SECTOR B

SHEET NUMBER

ID121b

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 2:24:22 PM



1 MILLWORK PLAN - SECTOR C
1/8" = 1'-0"

MILLWORK LEGEND

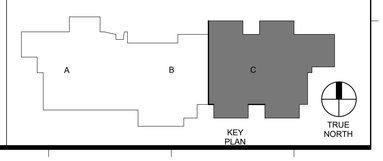
MILLWORK/ COUNTERS TO BE PROVIDED BY GENERAL CONTRACTOR

STAINLESS STEEL MILLWORK/ COUNTERS TO BE PROVIDED BY DETENTION CONTRACTOR

NOTES:

REFER TO ID121 FOR INTERIOR MILLWORK GENERAL NOTES AND TYPICAL DETAILS; REFER TO INTERIOR DETAIL SHEETS FOR ADDITIONAL INFORMATION ON CABINET SPECIFICATIONS.

KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

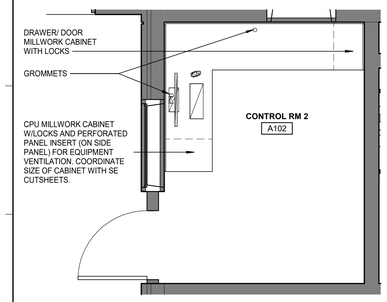
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

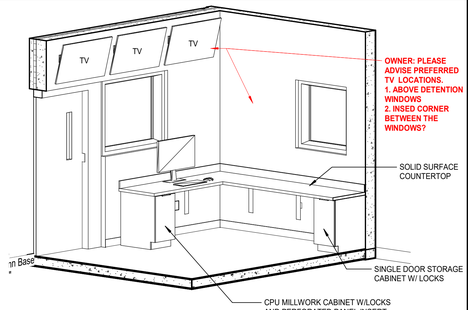
MILLWORK PLAN - SECTOR C

SHEET NUMBER
ID121c

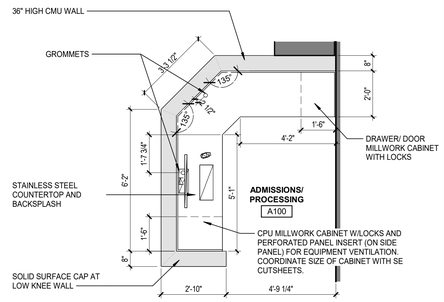
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2026 1:24:31 PM



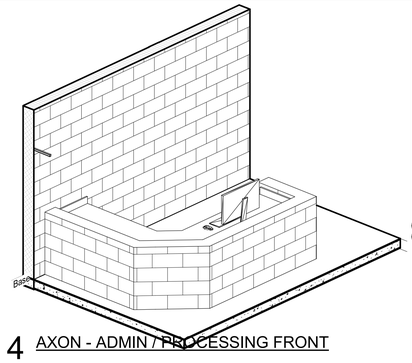
1 MILLWORK PLAN - CONTROL RM 2
3/8" = 1'-0"



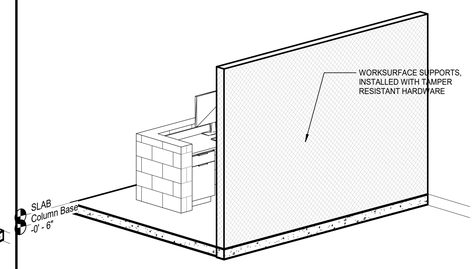
2 AXON - CONTROL RM 2



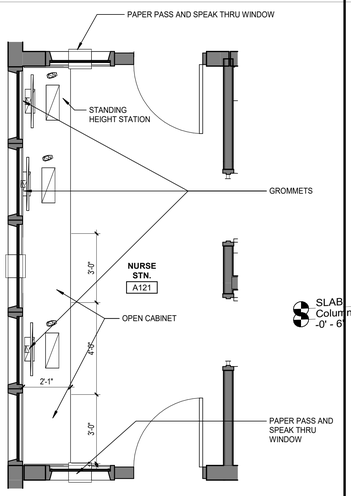
3 MILLWORK PLAN - ADMIN / PROCESSING
3/8" = 1'-0"



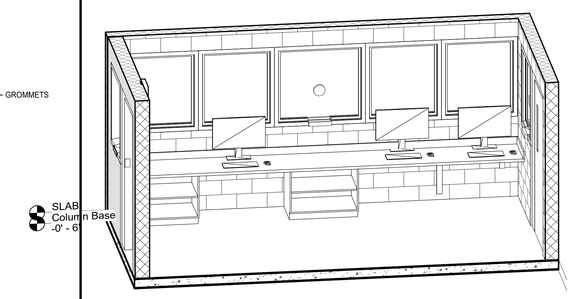
4 AXON - ADMIN / PROCESSING FRONT



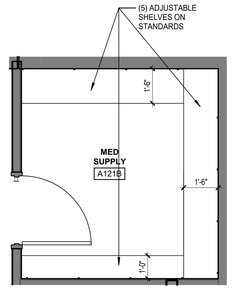
5 AXON - ADMIN / PROCESSING INSIDE



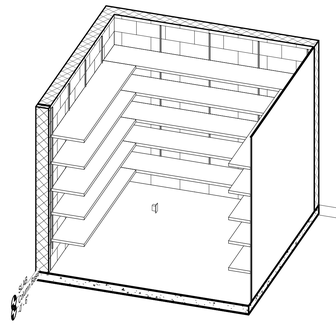
6 MILLWORK PLAN - NURSE STATION
3/8" = 1'-0"



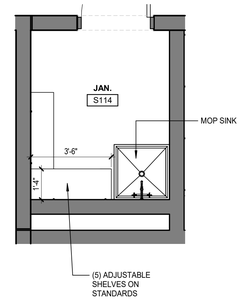
7 AXON - NURSE STATION



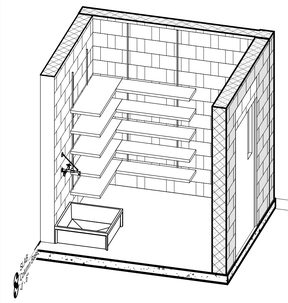
8 MILLWORK PLAN - MED SUPPLY
3/8" = 1'-0"



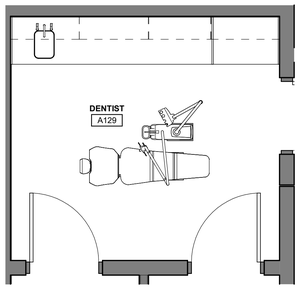
9 AXON - MED SUPPLY



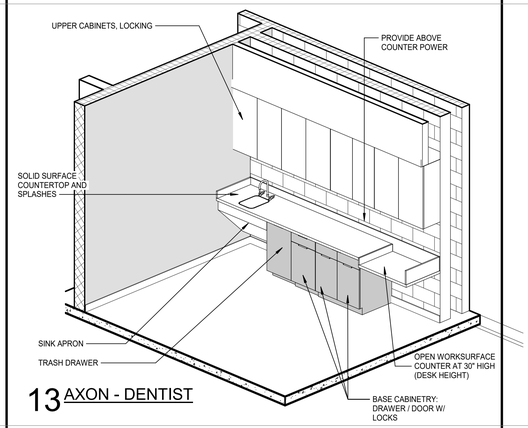
10 MILLWORK PLAN - JAN
3/8" = 1'-0"



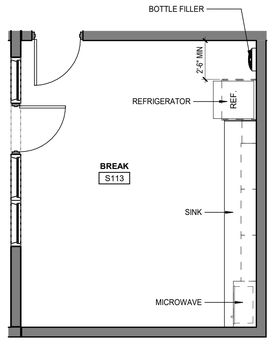
11 AXON - JANITOR



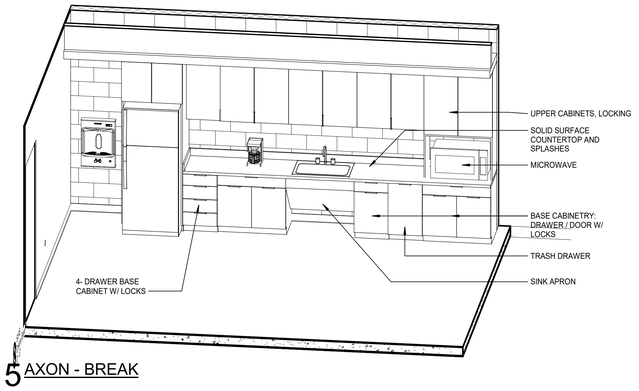
12 MILLWORK PLAN - DENTIST
3/8" = 1'-0"



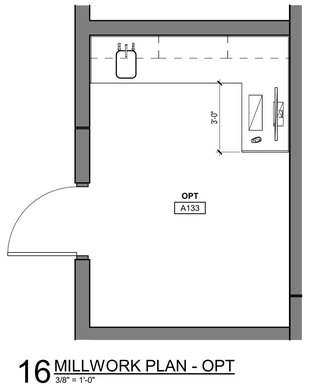
13 AXON - DENTIST



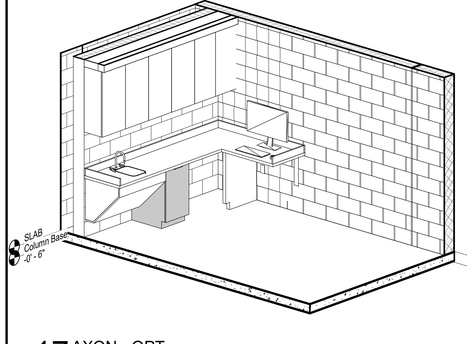
14 MILLWORK PLAN - BREAK
1/4" = 1'-0"



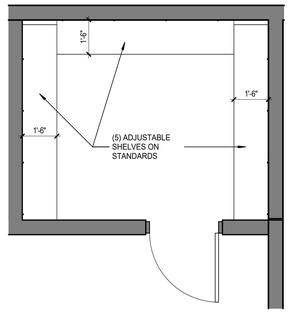
15 AXON - BREAK



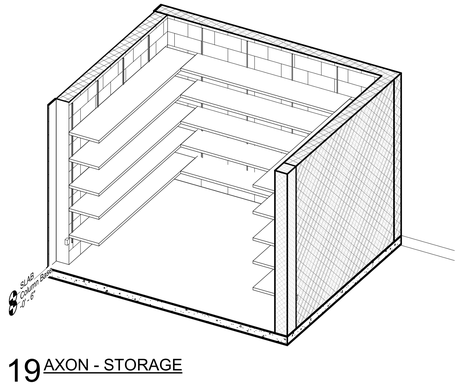
16 MILLWORK PLAN - OPT
3/8" = 1'-0"



17 AXON - OPT



18 MILLWORK PLAN - STORAGE
3/8" = 1'-0"



19 AXON - STORAGE

Grace Design Studios

GERALD DAVID HEBERT II
REG. No. 41181
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

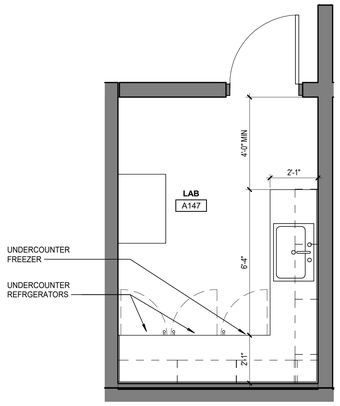
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

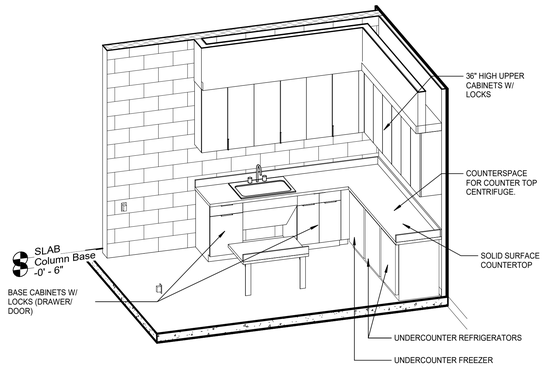
ENLARGED MILLWORK PLANS AND AXON VIEWS

SHEET NUMBER
ID122

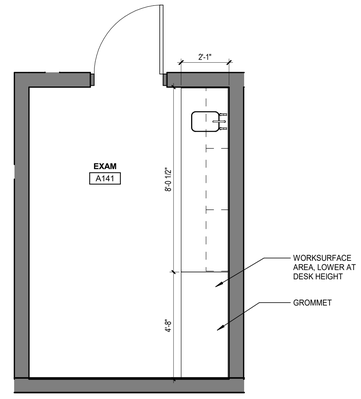
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2025 3:19:47 PM



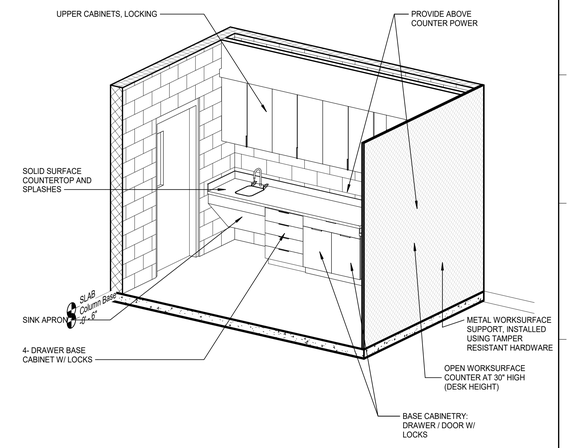
1 MILLWORK PLAN - LAB
3/8" = 1'-0"



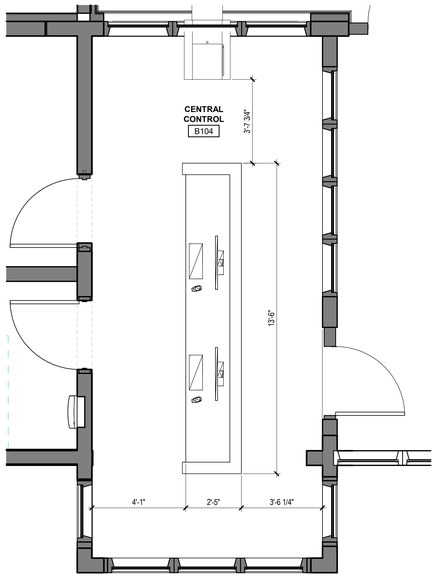
2 AXON - LAB



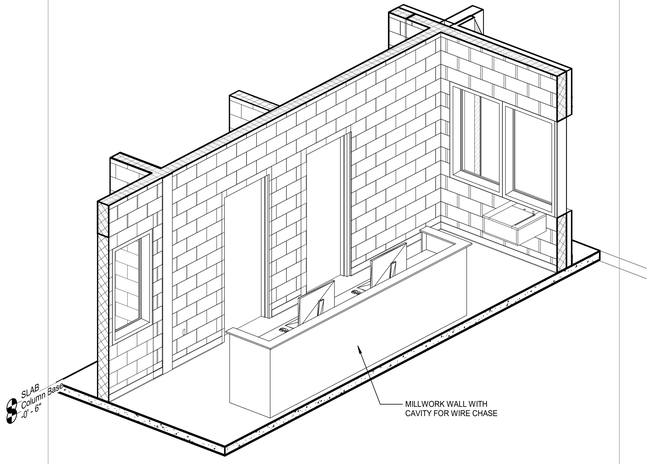
3 MILLWORK PLAN - EXAM
3/8" = 1'-0"



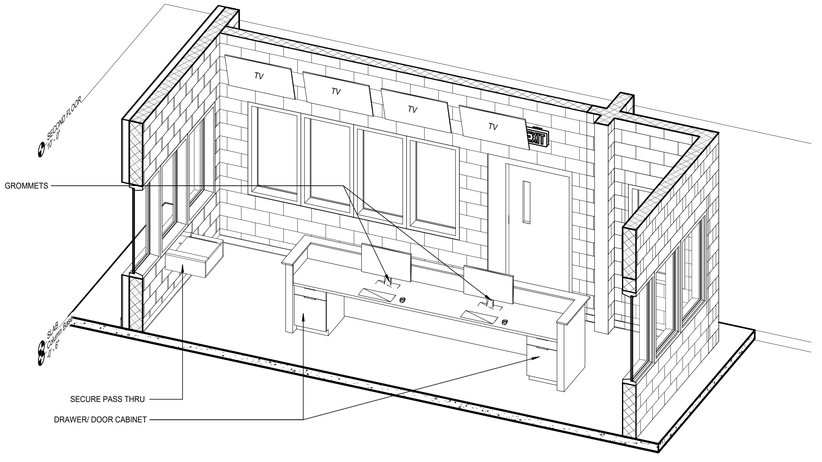
4 AXON - EXAM



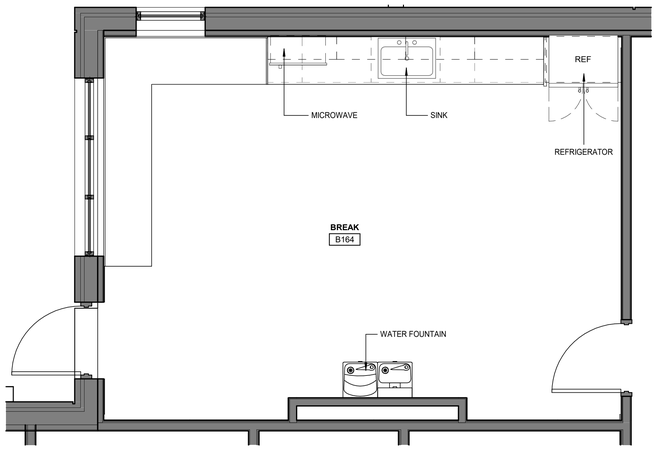
5 MILLWORK PLAN - CONTROL ROOM B104
3/8" = 1'-0"



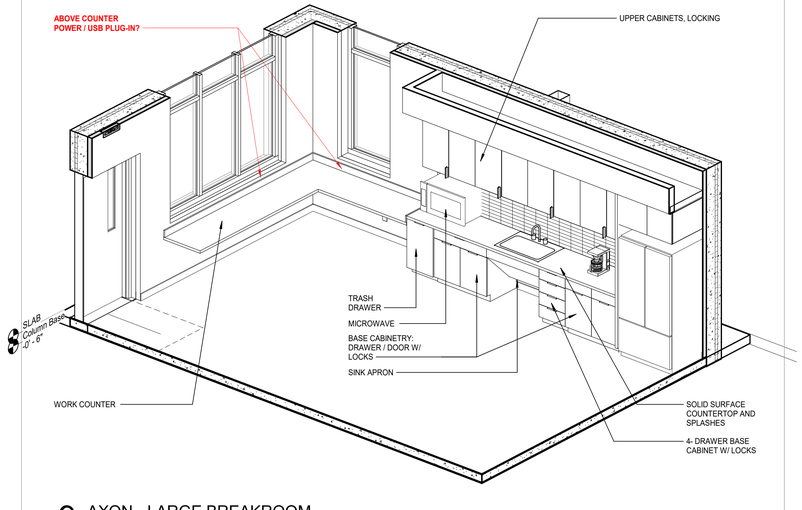
6 AXON - CONTROL ROOM



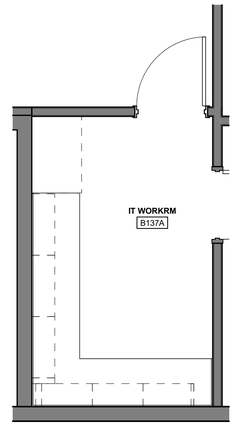
7 AXON - CONTROL ROOM - INSIDE FACE



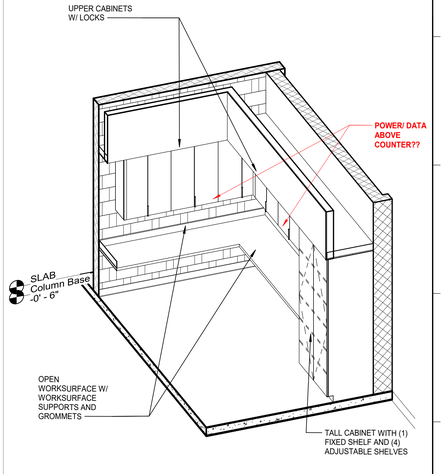
8 MILLWORK PLAN - BREAK B164
3/8" = 1'-0"



9 AXON - LARGE BREAKROOM



10 MILLWORK PLAN - IT WORKROOM
3/8" = 1'-0"



11 AXON - IT WORKROOM

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:19:59 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPOSITORY OR CONSTRUCTION/ REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

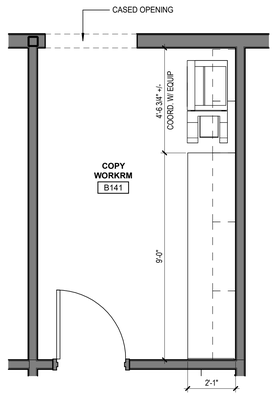
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

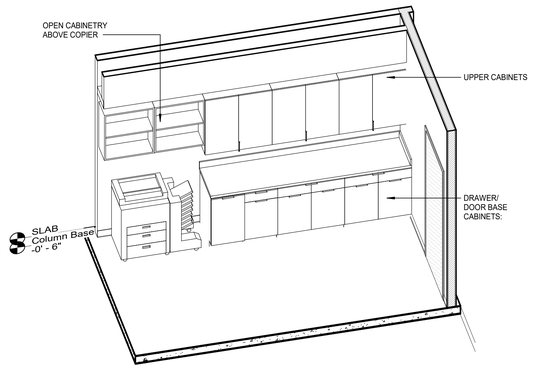
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ENLARGED MILLWORK PLANS AND AXON VIEWS

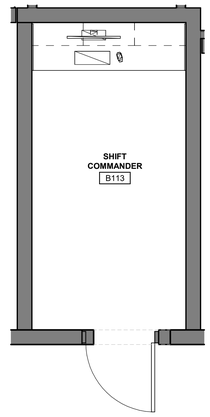
SHEET NUMBER
ID123



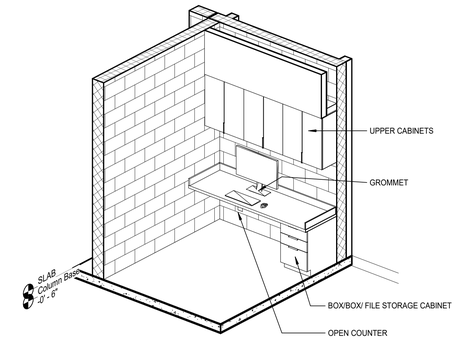
1 MILLWORK PLAN - COPY WORKRM
3/8" = 1'-0"



2 AXON - COPY WORK ROOM



3 MILLWORK PLAN - SHIFT COMMANDER
3/8" = 1'-0"



4 AXON - SHIFT COMMANDER

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTED MATERIAL REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ENLARGED MILLWORK
PLANS AND AXON VIEWS

SHEET NUMBER
ID124

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 3:19:49 PM

INTERIOR SIGNAGE GENERAL NOTES

1. ALL ROOMS TO RECEIVE SIGNAGE.
2. ALL NEW SIGNAGE BASIS OF DESIGN TO BE ASI REFLECTION SERIES. SEE SPECIFICATIONS FOR SIGNAGE MODULES.
3. ALL SIGNS TO BE INSTALLED AT ADA REQUIRED HEIGHTS AND DIMENSIONS. SEE DETAILS ON ADA MOUNTING. CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS AND NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO INSTALLATION.
4. EXISTING FACILITIES SIGNS WILL REQUIRE MODIFICATION FOR LOCATION OF NEW WORK, COORDINATE CHANGES WITH FACILITY.
5. FACILITY TO REVIEW ALL FINAL SIGNAGE VERBIAGE BY BEFORE PRODUCTION.
6. ALL SIGNAGE INSTALLED ON GLASS TO HAVE COLOR-MATCHED BACKER PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL ALL MOUNTING HARDWARE AND FASTENERS.
7. SIGNAGE VENDOR TO BE RESPONSIBLE FOR VERIFYING ALL SIGNAGE TYPES, SIZES, MOUNTING LOCATIONS, COLORS, ETC. MEET OT EXCEED ADA REQUIRMENTS.
8. SIGNAGE VENDOR TO SUBMIT PHYSICAL COLOR CHART FOR VERIFICATION OF COLORS PRIOR TO FABRICATION.
9. SIGN ROOM NAME TO MATCH ROOM NAMES AS LISTED ON PLANS UNLESS OTHERWISE INDICATED IN REMARKS COLUMN OF SIGNAGE SCHEDULE.
10. VENDOR TO VERIFY ADA CONTRAST LEVEL OF SELECTED COLORS MEETS REQUIREMENTS
11. TYPICAL SIGNAGE FINISHES:
    FRAME FINISH: ___
    FONT COLOR: ___
    BRAILLE COLOR: CLEAR
    PICTOGRAPH COLOR: ___
    BACK PANEL / 2ND SURFACE COLOR: ___
    PAPER INSERT COLOR: ___
    FONT STYLE: __

INTERIOR SIGNAGE SYMBOL LEGEND

S-# WALL MOUNTED TACTILE SIGN

S-5 STENCIL APPLIED LETTERING, PAINTED

INTERIOR SIGNAGE TYPICAL MOUNTING DETAILS

CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS

FIGURE 1
LIMITS OF PROTRUDING OBJECTS

FIGURE 2
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GRADE

FIGURE 3
LOCATION OF TACTILE SIGNS AT DOORS

FIGURE 4
HEIGHT OF STECILIED CHARACTERS ON DOOR FRAME OR WALL

FIGURE 5
LOCATION OF STENCILIED LETTERED SIGNS AT DOORS

INTERIOR SIGNAGE TYPICAL SIGNAGE TYPES

SIGN TYPE S-1
ADA COMPLIANT RESTROOM ENTRANCE SIGNS

SIGN TYPE S-2
ADA COMPLIANT EXIT SIGNS

SIGN TYPE S-3
ADA COMPLIANT AUXILIARY ROOM DOOR ENTRANCE SIGNS

SIGN TYPE S-4
ADA OFFICE AND CONFERENCE DOOR ENTRANCE SIGNS

SIGN TYPE S-5
PAINTED STENCILED LETTERING FOR ALL ROOM ENTRANCES IN YOUTH ACCESSIBLE AREAS

COPY COLOR: TBD, TYP

ROOM NAME / NUMBER

3" HIGH, TO BE SURFACE APPLIED TO SUBSTRATE. FINAL VERBIAGE / NUMBER INFO AS STIPULATED BY OWNER.

INSTALLATION - LOCATE ON DOOR FRAME HEAD, CENTERED WITH THE EXCEPTION OF THE FOLLOWING CONDITIONS:
1. AT CELL DOORS, INSTALL NUMBER ON DOOR ITSELF, ORIENTATION TO BE EITHER VERTICAL OR HORIZONTAL, PER OWNER PREFERENCE.
2. WHERE THERE IS NO DOOR, INSTALL SIGNAGE ON WALL DIRECTLY ABOVE OPENING, CENTERED.

SIGN TYPE S-6
ADA COMPLIANT EVACUATION MAP SIGNS

SIGN TYPE S-6.1 (ALTERNATE SIGNAGE STYLE)
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE

*LOCATE IN YOUTH ACCESSIBLE AREAS

SIGN TYPE S-7
EXTERIOR ROOM SIGNAGE, MECHANICALLY FASTENED WITH PICK-PROOF CAULK

SIGN TYPE S-8
EXTERIOR ROOM SIGNAGE, MECHANICALLY FASTENED WITH PICK-PROOF SILICONE

18"HIGH, 3-DIMENSIONAL ACRYLIC LETTERS.
1. FRONT FACE: METAL LAMINATE FACE. LAMINATE.
2.SIDES: METALLIC PAINT FINISH SELECTED FROM MANUFACTURER'S FULL RANGE.
3. FONT: BOOK ANTIQUA
4. THICKNESS: 3/4"

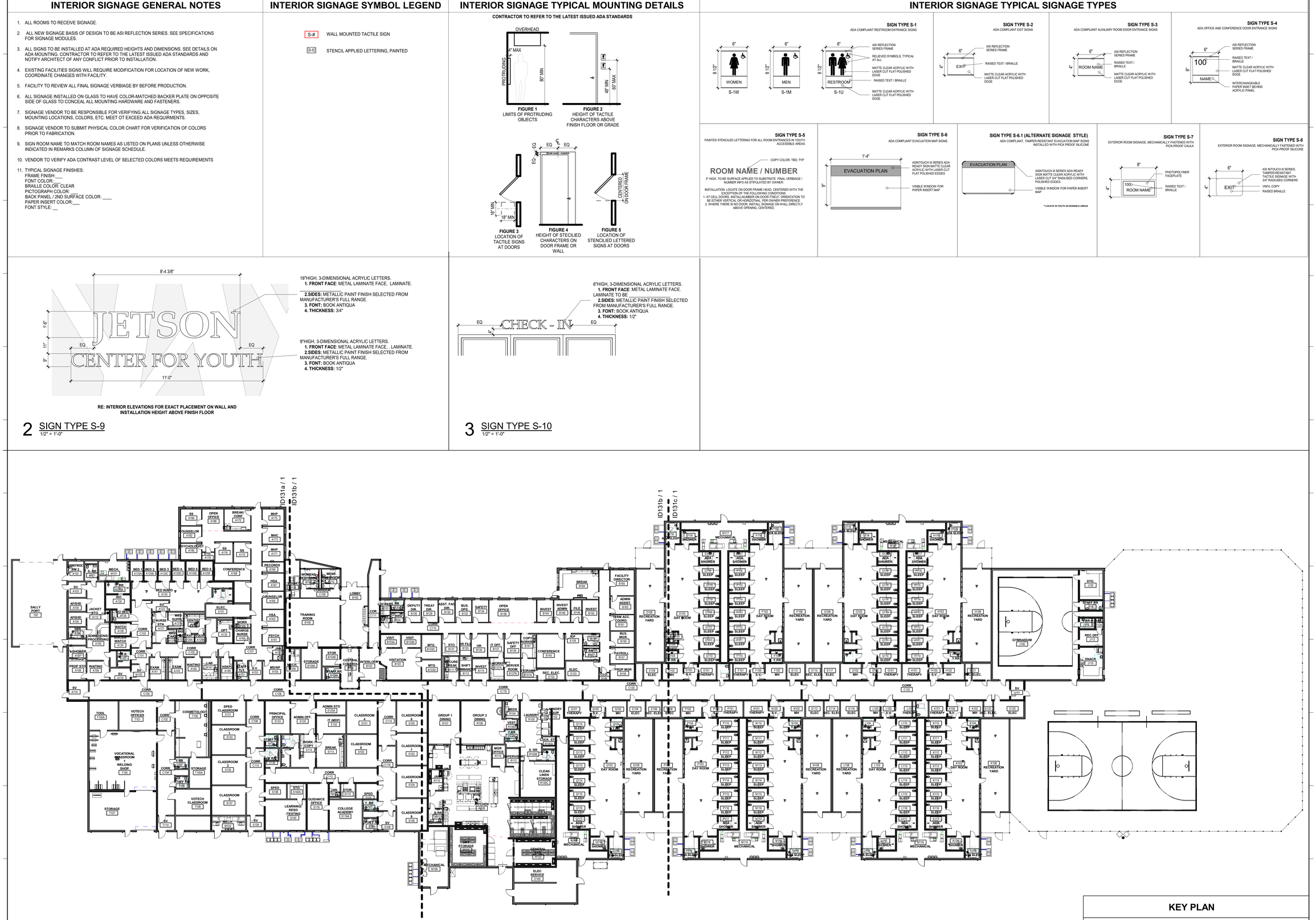
9"HIGH, 3-DIMENSIONAL ACRYLIC LETTERS.
1. FRONT FACE: METAL LAMINATE FACE, . LAMINATE.
2.SIDES: METALLIC PAINT FINISH SELECTED FROM MANUFACTURER'S FULL RANGE.
3. FONT: BOOK ANTIQUA
4. THICKNESS: 1/2"

RE: INTERIOR ELEVATIONS FOR EXACT PLACEMENT ON WALL AND INSTALLATION HEIGHT ABOVE FINISH FLOOR

2 SIGN TYPE S-9
1/2" = 1'-0"

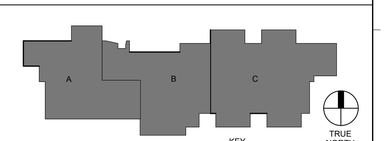
6"HIGH, 3-DIMENSIONAL ACRYLIC LETTERS.
1. FRONT FACE: METAL LAMINATE FACE. LAMINATE TO BE
2.SIDES: METALLIC PAINT FINISH SELECTED FROM MANUFACTURER'S FULL RANGE.
3. FONT: BOOK ANTIQUA
4. THICKNESS: 1/2"

3 SIGN TYPE S-10
1/2" = 1'-0"



1 OVERALL SIGNAGE PLAN
1" = 20'-0"

KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY SHALL BE PERMITTED TO REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SIGNAGE PLAN - OVERALL

SHEET NUMBER
ID131

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2025 12:54:44 PM

1 SIGNAGE PLAN - SECTOR A
1/8" = 1'-0"

INTERIOR SIGNAGE GENERAL NOTES

1. ALL ROOMS TO RECEIVE SIGNAGE.
2. ALL NEW SIGNAGE BASIS OF DESIGN TO BE ASI SERIES. SEE SPECIFICATIONS FOR SIGNAGE MODULES.
3. ALL SIGNS TO BE INSTALLED AT ADA REQUIRED HEIGHTS AND DIMENSIONS. SEE DETAILS ON ADA MOUNTING. CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS AND NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO INSTALLATION.
4. FACILITY TO REVIEW ALL FINAL SIGNAGE VERBIAGE BEFORE PRODUCTION.
5. ALL SIGNAGE INSTALLED ON GLASS TO HAVE COLOR-MATCHED BACKER PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL ALL MOUNTING HARDWARE AND FASTENERS.
6. SIGNAGE VENDOR TO BE RESPONSIBLE FOR VERIFYING ALL SIGNAGE TYPES, SIZES, MOUNTING LOCATIONS, COLORS, ETC. MEET TO EXCEED ADA REQUIREMENTS.
7. SIGNAGE VENDOR TO SUBMIT PHYSICAL COLOR CHART FOR VERIFICATION OF COLORS PRIOR TO FABRICATION.
8. VENDOR TO VERIFY ADA CONTRAST LEVEL OF SELECTED COLORS MEETS REQUIREMENTS.
9. TYPICAL SIGNAGE FINISHES:
   FRAME FINISH: SATIN ALUMINUM
   FONT COLOR: TBD
   BRAILLE COLOR: CLEAR
   PICTOGRAPH COLOR:
   BACK PANEL / 2ND SURFACE COLOR: TBD
   PAPER INSERT COLOR: TBD
   FONT STYLE: HMC HELVETICA MEDIUM

   NOTE: ALL FINISHES LISTED TBD ARE TO BE SELECTED FROM MANUFACTURER'S FULL AND PREMIUM FINISH RANGE.

INTERIOR SIGNAGE SYMBOL LEGEND

S-# WALL MOUNTED TACTILE SIGN

S-S STENCIL APPLIED LETTERING, PAINTED

INTERIOR SIGNAGE TYPICAL MOUNTING DETAILS

CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS

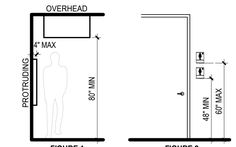


FIGURE 1
LIMITS OF PROTRUDING OBJECTS

FIGURE 2
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GRADE

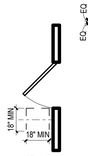


FIGURE 3
LOCATION OF TACTILE SIGNS AT DOORS

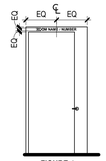


FIGURE 4
HEIGHT OF STECILIED CHARACTERS ON DOOR FRAME OR WALL

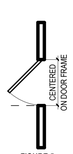
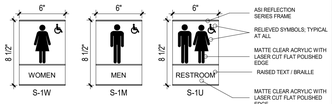


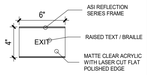
FIGURE 5
LOCATION OF STENCILIED LETTERED SIGNS AT DOORS

INTERIOR SIGNAGE TYPICAL SIGNAGE TYPES

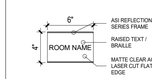
SIGN TYPE S-1
ADA COMPLIANT RESTROOM ENTRANCE SIGNS



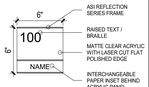
SIGN TYPE S-2
ADA COMPLIANT EXIT SIGNS



SIGN TYPE S-3
ADA COMPLIANT AUXILIARY ROOM DOOR ENTRANCE SIGNS



SIGN TYPE S-4
ADA OFFICE AND CONFERENCE DOOR ENTRANCE SIGNS



SIGN TYPE S-5
PAINTED STENCILED LETTERING FOR ALL ROOM ENTRANCES IN YOUTH ACCESSIBLE AREAS

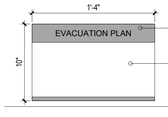
COPY COLOR: TBD, TYP

ROOM NAME / NUMBER

3" HIGH, TO BE SURFACE APPLIED TO SUBSTRATE. FINAL VERBIAGE / NUMBER INFO AS STIPULATED BY OWNER.

INSTALLATION: LOCATE ON DOOR FRAME HEAD, CENTERED WITH THE EXCEPTION OF THE FOLLOWING CONDITIONS:
1. AT CELL DOORS, INSTALL NUMBER ON DOOR ITSELF. ORIENTATION TO BE EITHER VERTICAL OR HORIZONTAL, PER OWNER PREFERENCE.
2. WHERE THERE IS NO DOOR, INSTALL SIGNAGE ON WALL DIRECTLY ABOVE OPENING, CENTERED.

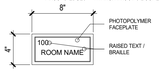
SIGN TYPE S-6
ADA COMPLIANT EVACUATION MAP SIGNS



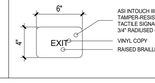
SIGN TYPE S-6.1 (ALTERNATE SIGNAGE STYLE)
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE

*LOCATE IN YOUTH ACCESSIBLE AREAS

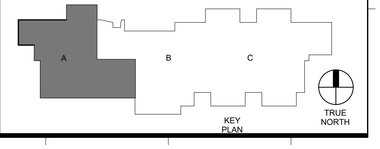
SIGN TYPE S-7
EXTERIOR ROOM SIGNAGE. MECHANICALLY FASTENED. CAULK AROUND EDGES WITH PICK-PROOF SILICONE



SIGN TYPE S-8
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE



KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

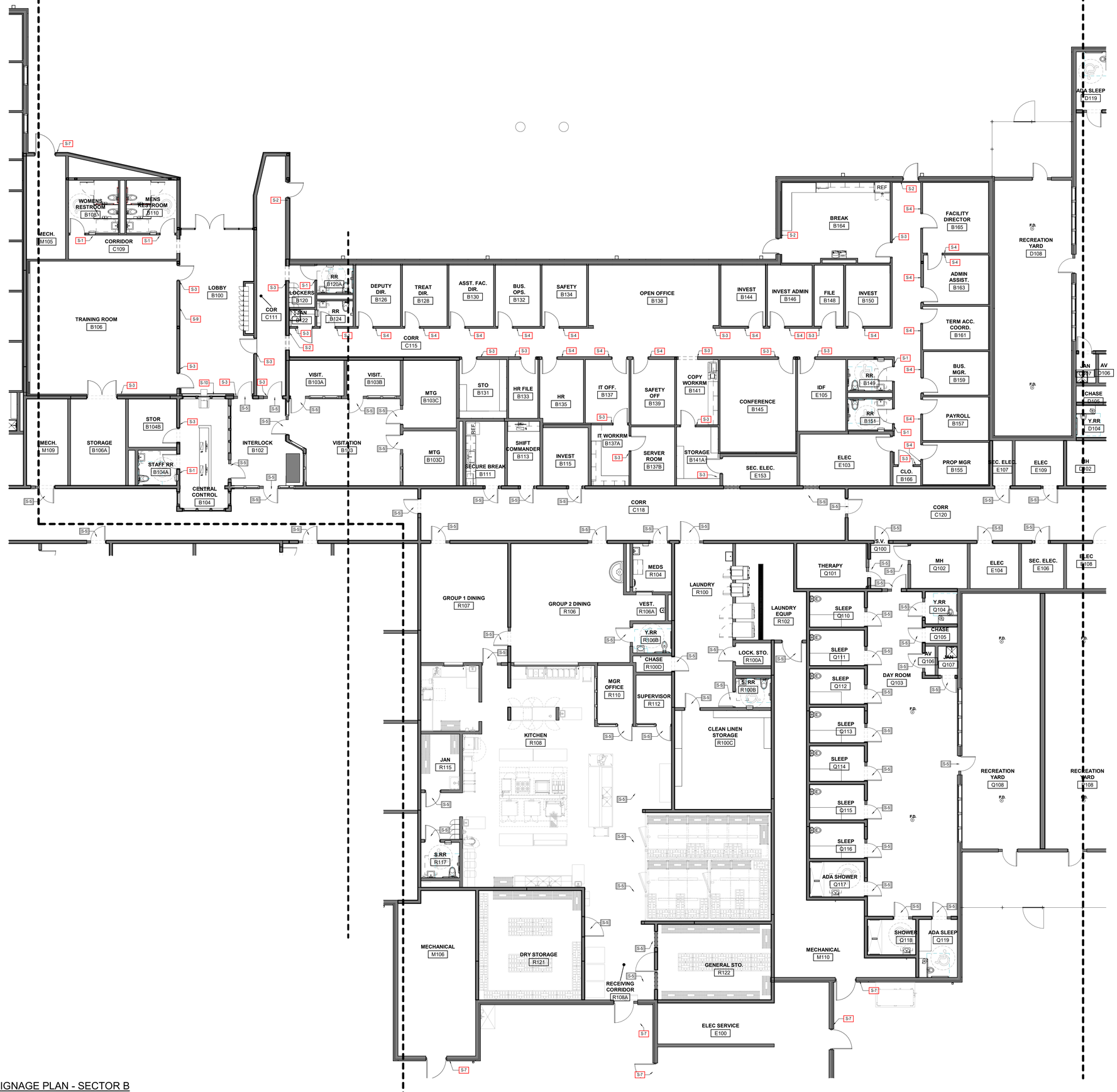
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SIGNAGE PLAN - SECTOR A

SHEET NUMBER
ID131a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2025 12:48 PM



1 SIGNAGE PLAN - SECTOR B
1/8" = 1'-0"

INTERIOR SIGNAGE GENERAL NOTES

1. ALL ROOMS TO RECEIVE SIGNAGE.
2. ALL NEW SIGNAGE BASIS OF DESIGN TO BE ASI SERIES. SEE SPECIFICATIONS FOR SIGNAGE MODULES.
3. ALL SIGNS TO BE INSTALLED AT ADA REQUIRED HEIGHTS AND DIMENSIONS. SEE DETAILS ON ADA MOUNTING. CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS AND NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO INSTALLATION.
4. FACILITY TO REVIEW ALL FINAL SIGNAGE VERBIAGE BEFORE PRODUCTION.
5. ALL SIGNAGE INSTALLED ON GLASS TO HAVE COLOR-MATCHED BACKER PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL ALL MOUNTING HARDWARE AND FASTENERS.
6. SIGNAGE VENDOR TO BE RESPONSIBLE FOR VERIFYING ALL SIGNAGE TYPES, SIZES, MOUNTING LOCATIONS, COLORS, ETC. MEET TO EXCEED ADA REQUIREMENTS.
7. SIGNAGE VENDOR TO SUBMIT PHYSICAL COLOR CHART FOR VERIFICATION OF COLORS PRIOR TO FABRICATION.
8. VENDOR TO VERIFY ADA CONTRAST LEVEL OF SELECTED COLORS MEETS REQUIREMENTS.
9. TYPICAL SIGNAGE FINISHES:
   FRAME FINISH: SATIN ALUMINUM
   FONT COLOR: TBD
   BRAILLE COLOR: CLEAR
   PICTOGRAPH COLOR:
   BACK PANEL / 2ND SURFACE COLOR: TBD
   PAPER INSERT COLOR: TBD
   FONT STYLE: HMC HELVETICA MEDIUM

   NOTE: ALL FINISHES LISTED TBD ARE TO BE SELECTED FROM MANUFACTURER'S FULL AND PREMIUM FINISH RANGE.

INTERIOR SIGNAGE SYMBOL LEGEND

S-# WALL MOUNTED TACTILE SIGN

S-5 STENCIL APPLIED LETTERING, PAINTED

INTERIOR SIGNAGE TYPICAL MOUNTING DETAILS

CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS

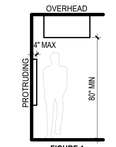


FIGURE 1
LIMITS OF PROTRUDING OBJECTS

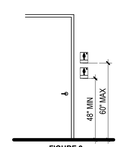


FIGURE 2
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GRADE

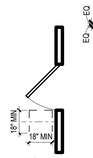


FIGURE 3
LOCATION OF TACTILE SIGNS AT DOORS

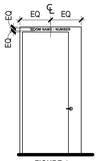


FIGURE 4
HEIGHT OF STECLIED CHARACTERS ON DOOR FRAME OR WALL

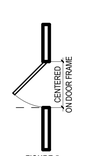
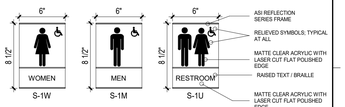


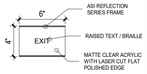
FIGURE 5
LOCATION OF STENCILIED LETTERED SIGNS AT DOORS

INTERIOR SIGNAGE TYPICAL SIGNAGE TYPES

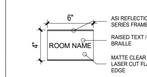
SIGN TYPE S-1
ADA COMPLIANT RESTROOM ENTRANCE SIGNS



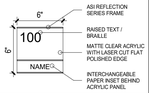
SIGN TYPE S-2
ADA COMPLIANT EXIT SIGNS



SIGN TYPE S-3
ADA COMPLIANT AUXILIARY ROOM DOOR ENTRANCE SIGNS



SIGN TYPE S-4
ADA OFFICE AND CONFERENCE DOOR ENTRANCE SIGNS



SIGN TYPE S-5
PAINTED STENCILED LETTERING FOR ALL ROOM ENTRANCES IN YOUTH ACCESSIBLE AREAS

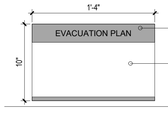
COPY COLOR: TBD, TYP

ROOM NAME / NUMBER

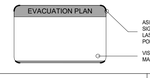
3" HIGH, TO BE SURFACE APPLIED TO SUBSTRATE. FINAL VERBIAGE / NUMBER INFO AS STIPULATED BY OWNER.

INSTALLATION: LOCATE ON DOOR FRAME HEAD, CENTERED WITH THE EXCEPTION OF THE FOLLOWING CONDITIONS:
1. AT CELL DOORS, INSTALL NUMBER ON DOOR ITSELF. ORIENTATION TO BE EITHER VERTICAL OR HORIZONTAL, PER OWNER PREFERENCE.
2. WHERE THERE IS NO DOOR, INSTALL SIGNAGE ON WALL DIRECTLY ABOVE OPENING, CENTERED.

SIGN TYPE S-6
ADA COMPLIANT EVACUATION MAP SIGNS

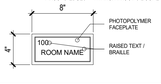


SIGN TYPE S-6.1 (ALTERNATE SIGNAGE STYLE)
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE

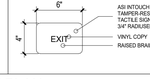


*LOCATE IN YOUTH ACCESSIBLE AREAS

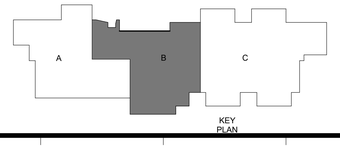
SIGN TYPE S-7
EXTERIOR ROOM SIGNAGE. MECHANICALLY FASTENED. CAULK AROUND EDGES WITH PICK-PROOF SILICONE



SIGN TYPE S-8
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE



KEY PLAN



KEY PLAN

Grace Design Studios

GERARD DAVID HEBERT II LICENSE No. 41907 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SIGNAGE PLAN - SECTOR B

SHEET NUMBER
ID131b

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2025 2:54:31 PM

INTERIOR SIGNAGE GENERAL NOTES

1. ALL ROOMS TO RECEIVE SIGNAGE.
2. ALL NEW SIGNAGE BASIS OF DESIGN TO BE ASI SERIES. SEE SPECIFICATIONS FOR SIGNAGE MODULES.
3. ALL SIGNS TO BE INSTALLED AT ADA REQUIRED HEIGHTS AND DIMENSIONS. SEE DETAILS ON ADA MOUNTING. CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS AND NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO INSTALLATION.
4. FACILITY TO REVIEW ALL FINAL SIGNAGE VERBIAGE BEFORE PRODUCTION.
5. ALL SIGNAGE INSTALLED ON GLASS TO HAVE COLOR-MATCHED BACKER PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL ALL MOUNTING HARDWARE AND FASTENERS.
6. SIGNAGE VENDOR TO BE RESPONSIBLE FOR VERIFYING ALL SIGNAGE TYPES, SIZES, MOUNTING LOCATIONS, COLORS, ETC. MEET TO EXCEED ADA REQUIREMENTS.
7. SIGNAGE VENDOR TO SUBMIT PHYSICAL COLOR CHART FOR VERIFICATION OF COLORS PRIOR TO FABRICATION.
8. VENDOR TO VERIFY ADA CONTRAST LEVEL OF SELECTED COLORS MEETS REQUIREMENTS.
9. TYPICAL SIGNAGE FINISHES:
   FRAME FINISH: SATIN ALUMINUM
   FONT COLOR: TBD
   BRAILLE COLOR: CLEAR
   PICTOGRAPH COLOR:
   BACK PANEL / 2ND SURFACE COLOR: TBD
   PAPER INSERT COLOR: TBD
   FONT STYLE: HMC HELVETICA MEDIUM

×NOTE: ALL FINISHES LISTED TBD ARE TO BE SELECTED FROM MANUFACTURER'S FULL AND PREMIUM FINISH RANGE.

INTERIOR SIGNAGE SYMBOL LEGEND

S-# WALL MOUNTED TACTILE SIGN

S-S STENCIL APPLIED LETTERING, PAINTED

INTERIOR SIGNAGE TYPICAL MOUNTING DETAILS

CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS

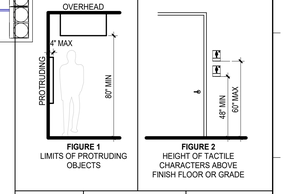


FIGURE 1
LIMITS OF PROTRUDING OBJECTS

FIGURE 2
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GRADE

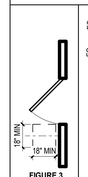


FIGURE 3
LOCATION OF TACTILE SIGNS AT DOORS

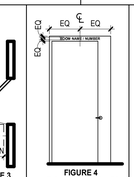


FIGURE 4
HEIGHT OF STECILIED CHARACTERS ON DOOR FRAME OR WALL

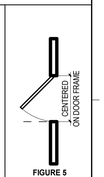
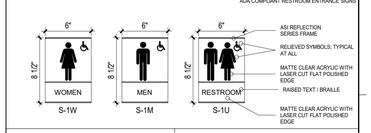


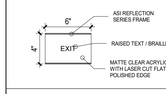
FIGURE 5
LOCATION OF STENCILIED LETTERED SIGNS AT DOORS

INTERIOR SIGNAGE TYPICAL SIGNAGE TYPES

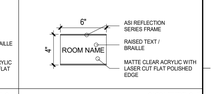
SIGN TYPE S-1
ADA COMPLIANT RESTROOM ENTRANCE SIGNS



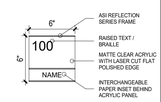
SIGN TYPE S-2
ADA COMPLIANT EXIT SIGNS



SIGN TYPE S-3
ADA COMPLIANT AUXILIARY ROOM DOOR ENTRANCE SIGNS

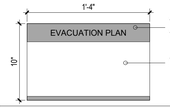


SIGN TYPE S-4
ADA OFFICE AND CONFERENCE DOOR ENTRANCE SIGNS



SIGN TYPE S-5
PAINTED STENCILED LETTERING FOR ALL ROOM ENTRANCES IN YOUTH-ACCESSIBLE AREAS

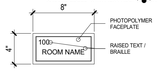
SIGN TYPE S-6
ADA COMPLIANT EVACUATION MAP SIGNS



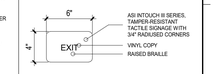
SIGN TYPE S-6.1 (ALTERNATE SIGNAGE STYLE)
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE

*LOCATE IN YOUTH ACCESSIBLE AREAS

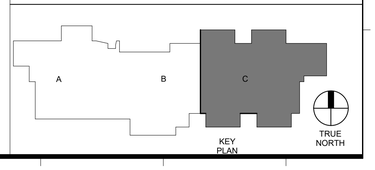
SIGN TYPE S-7
EXTERIOR ROOM SIGNAGE, MECHANICALLY FASTENED, CAULK AROUND EDGES WITH PICK-PROOF SILICONE



SIGN TYPE S-8
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE



KEY PLAN



1 SIGNAGE PLAN - SECTOR C
1/8" = 1'-0"

Grace Design Studios

HERALD DAVID HEBERT II
LICENSE No. 41936
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

SIGNAGE PLAN - SECTOR C

SHEET NUMBER
ID131c

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_R23.rvt
4/1/2026 12:43:37 PM

INTERIOR SIGNAGE GENERAL NOTES

1. ALL ROOMS TO RECEIVE SIGNAGE.
2. ALL NEW SIGNAGE BASIS OF DESIGN TO BE ASI REFLECTION SERIES. SEE SPECIFICATIONS FOR SIGNAGE MODULES.
3. ALL SIGNS TO BE INSTALLED AT ADA REQUIRED HEIGHTS AND DIMENSIONS. SEE DETAILS ON ADA MOUNTING. CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS AND NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO INSTALLATION.
4. EXISTING FACILITIES SIGNS WILL REQUIRE MODIFICATION FOR LOCATION OF NEW WORK, COORDINATE CHANGES WITH FACILITY.
5. FACILITY TO REVIEW ALL FINAL SIGNAGE VERBIAGE BY BEFORE PRODUCTION.
6. ALL SIGNAGE INSTALLED ON GLASS TO HAVE COLOR-MATCHED BACKER PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL ALL MOUNTING HARDWARE AND FASTENERS.
7. SIGNAGE VENDOR TO BE RESPONSIBLE FOR VERIFYING ALL SIGNAGE TYPES, SIZES, MOUNTING LOCATIONS, COLORS, ETC. MEET OT EXCEED ADA REQUIRMENTS.
8. SIGNAGE VENDOR TO SUBMIT PHYSICAL COLOR CHART FOR VERIFICATION OF COLORS PRIOR TO FABRICATION.
9. SIGN ROOM NAME TO MATCH ROOM NAMES AS LISTED ON PLANS UNLESS OTHERWISE INDICATED IN REMARKS COLUMN OF SIGNAGE SCHEDULE.
10. VENDOR TO VERIFY ADA CONTRAST LEVEL OF SELECTED COLORS MEETS REQUIREMENTS
11. TYPICAL SIGNAGE FINISHES:
    FRAME FINISH: ___
    FONT COLOR: ___
    BRAILLE COLOR: CLEAR
    PICTOGRAPH COLOR: ___
    BACK PANEL / 2ND SURFACE COLOR: ___
    PAPER INSERT COLOR:___
    FONT STYLE: __

INTERIOR SIGNAGE SYMBOL LEGEND

S-# WALL MOUNTED TACTILE SIGN

S-5 STENCIL APPLIED LETTERING, PAINTED

INTERIOR SIGNAGE TYPICAL MOUNTING DETAILS

CONTRACTOR TO REFER TO THE LATEST ISSUED ADA STANDARDS

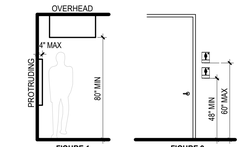


FIGURE 1
LIMITS OF PROTRUDING OBJECTS

FIGURE 2
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GRADE

FIGURE 3
LOCATION OF TACTILE SIGNS AT DOORS

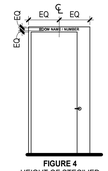


FIGURE 4
HEIGHT OF STECILIED CHARACTERS ON DOOR FRAME OR WALL

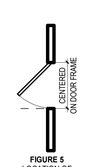
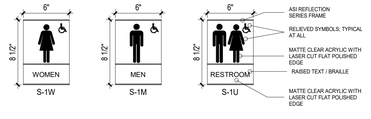


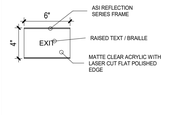
FIGURE 5
LOCATION OF STENCILIED LETTERED SIGNS AT DOORS

INTERIOR SIGNAGE TYPICAL SIGNAGE TYPES

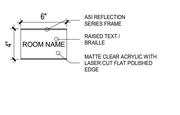
SIGN TYPE S-1
ADA COMPLIANT RESTROOM ENTRANCE SIGNS



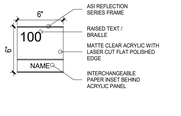
SIGN TYPE S-2
ADA COMPLIANT EXIT SIGNS



SIGN TYPE S-3
ADA COMPLIANT AUXILIARY ROOM DOOR ENTRANCE SIGNS



SIGN TYPE S-4
ADA OFFICE AND CONFERENCE DOOR ENTRANCE SIGNS



SIGN TYPE S-5
PAINTED STENCILED LETTERING FOR ALL ROOM ENTRANCES IN YOUTH ACCESSIBLE AREAS

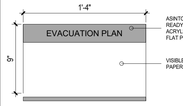
COPY COLOR: TBD; TYP

ROOM NAME / NUMBER

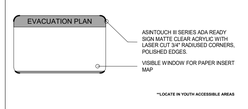
3" HIGH, TO BE SURFACE APPLIED TO SUBSTRATE. FINAL VERBIAGE / NUMBER INFO AS STIPULATED BY OWNER.

INSTALLATION: LOCATE ON DOOR FRAME HEAD, CENTERED WITH THE EXCEPTION OF THE FOLLOWING CONDITIONS:
1. AT CELL DOORS, INSTALLNUMBER ON DOOR ITSELF. ORIENTATION TO BE EITHER VERTICAL OR HORIZONTAL PER OWNER PREFERENCE.
2. WHERE THERE IS NO DOOR, INSTALL SIGNAGE ON WALL DIRECTLY ABOVE OPENING, CENTERED.

SIGN TYPE S-6
ADA COMPLIANT EVACUATION MAP SIGNS

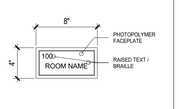


SIGN TYPE S-6.1 (ALTERNATE SIGNAGE STYLE)
ADA COMPLIANT, TAMPER-RESISTANT EVACUATION MAP SIGNS INSTALLED WITH PICK PROOF SILICONE

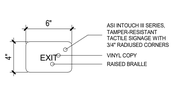


**LOCATE IN YOUTH ACCESSIBLE AREAS

SIGN TYPE S-7
EXTERIOR ROOM SIGNAGE, MECHANICALLY FASTENED WITH PICK-PROOF CAULK



SIGN TYPE S-8
EXTERIOR ROOM SIGNAGE, MECHANICALLY FASTENED WITH PICK-PROOF SILICONE



SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	SIGN TYPE	REMARKS
100	SALLY PORT	NONE	
108A	COOLER		
108B	FREEZER		
108C	FREEZER		
A100	ADMISSIONS/ PROCESSING	S-5	
A100A	CHASE	S-7	
A101	S. RR	S-5	STAFF RR
A102	CONTROL RM 2	S-7	
A103	SV	S-5, S-7	SECURE VESTIBULE
A104	AFIS/ID	S-5	
A105	AFIS/ID	S-5	
A106	YRR	S-5	YOUTH RR
A107	Y SHOWER	S-5	YOUTH SHOWER
A108	PROP STO.	S-5	
A109	WAITING	S-5	
A110	SV	S-5	SECURE VESTIBULE
A111	CHASE	S-5	
A112	JACKET STO.	S-5	JACKET STORAGE
A115	SV	S-5, S-7	SECURE VESTIBULE
A120	SV	S-5	SECURE VESTIBULE
A121	NURSE STN.	S-5	NURSE STATION
A121A	MED CART	S-5	
A121B	MED SUPPLY	S-5	
A122	Y R.R.	S-5	YOUTH RR
A123	SV	S-5	SECURE VESTIBULE
A124	SUICIDE WATCH	S-5	
A125	BED WARD	S-5	
A125A	BED 1	S-5	
A125B	BED 2	S-5	
A125C	BED 3	S-5	
A125D	BED 4	S-5	
A125E	BED 5	S-5	
A125F	BED 6	S-5	
A125G	CHASE	S-5	
A125H	Y. RR	S-5	YOUTH RR
A126	SUICIDE WATCH	S-5	
A127	BIO HAZ	S-5	BIO HAZARD
A128	ISO VEST.	S-5	
A129	DENTIST	S-5	
A129A	XRAY	S-5	
A129B	EQUIP.	S-5	EQUIPMENT
A130	ISO	S-5	
A130A	Y. RR	S-5	YOUTH RR
A133	OPT	S-5	OPTOMETRY
A141	EXAM	S-5	
A143	EXAM	S-5	
A145	WAITING	S-5	
A147	LAB	S-5	
A149	HSKPG	S-3	
A151	STAFF TLT	S-1	
A153	S.V.	S-4	SECURE VESTIBULE
A155	MD/NP	S-4	
A157	JAN	S-3	JANITOR
A160	CHARGE NURSE	S-4	
A161	PSYCH	S-4	
A162	PRINT/ WORK	S-3	
A163	HSA	S-4	
A164	MHP	S-4	
A165	COUNSELOR	S-4	
A167	HSA	S-4	
A168	CONFERENCE	S-3	
A169	SS RECORDS	S-4	
A170	SS	S-4	
A171	MHP	S-4	
A172	BREAK/ CONF	S-3	
A173	MHC	S-4	
A175	MHP	S-4	
A176	SS	S-4	
A178	STO.	S-3	
A180	PSYCHOLOGIST	S-4	
A182	COUNSELOR	S-4	
A184	SS	S-4	
A186	OPEN OFFICE	S-3	
B100	LOBBY	S-9, S-10, S-5	RE: SIGNAGE LEGEND
B102	INTERLOCK	S-5	
B103	VISITATION	S-5	
B103A	VISIT.	S-5	VISITATION
B103B	VISIT.	S-5	VISITATION
B103C	MTG	S-5	MEETING
B103D	MTG	S-5	MEETING
B104	CENTRAL CONTROL	S-5	
B104A	STAFF RR	S-1	
B104B	STOR	S-3	STORAGE
B106	TRAINING ROOM	S-3	
B106A	STORAGE	S-3	
B108	WOMENS RESTROOM	S-1	
B110	MENS RESTROOM	S-1	
B111	SECURE BREAK	S-5	
B113	SHIFT COMMANDER	S-5	
B115	INVEST	S-5	
B120	LOCKERS	S-3	
B120A	RR	S-1	
B122	JAN	S-3	JANITOR
B124	RR	S-1	
B126	DEPUTY DIR.	S-4	
B128	TREAT DIR.	S-4	
B130	ASST. FAC. DIR.	S-4	
B131	STO	S-3	
B132	BUS. OPS.	S-4	
B133	HR FILE	S-3	
B134	SAFETY	S-4	
B135	HR	S-4	
B137	IT OFF.	S-4	IT OFFICE
B137A	IT WORKRM	S-3	IT WORKROOM

SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	SIGN TYPE	REMARKS
B137B	SERVER ROOM	S-3	
B138	OPEN OFFICE	S-3	
B139	SAFETY OFF	S-4	
B141	COPY WORKRM	S-3	COPY WORKROOM
B141A	STORAGE	S-3	
B144	INVEST	S-4	
B145	CONFERENCE	S-3	
B146	INVEST ADMIN	S-4	
B148	FILE	S-3	
B149	RR	S-1	
B150	INVEST	S-4	
B151	RR	S-1	
B155	PROP MGR	S-4	
B157	PAYROLL	S-4	
B159	BUS. MGR.	S-4	
B161	TERM ACC. COORD.	S-4	
B163	ADMIN ASSIST.	S-4	
B164	BREAK	S-3, S-2	
B165	FACILITY DIRECTOR	S-4	
B166	CLO	S-3	CLOSET
C100	CORR		CORRIDOR
C101	CORR	S-5	CORRIDOR
C102	CORR	S-5	CORRIDOR
C103	CORR		CORRIDOR
C104	CORR		CORRIDOR
C105	CORR	S-3	CORRIDOR
C106	CORR	S-5	CORRIDOR
C107	CORR	S-5	CORRIDOR
C108	CORR	S-5	CORRIDOR
C109	CORRIDOR		
C110	CORR	S-5	CORRIDOR
C111	COR	S-5, S-2	CORRIDOR
C112	CORR	S-5	CORRIDOR
C114	CORR	S-5	CORRIDOR
C115	CORR	S-2	CORRIDOR
C116	CORR	S-5	CORRIDOR
C118	CORR	S-5	CORRIDOR
C120	CORR	S-5	CORRIDOR
C122	CORR	S-5	CORRIDOR
D100	S.V.	S-5	SECURE VESTIBULE
D101	THERAPY	S-5	
D102	MH	S-5	
D103	DAY ROOM	S-5	
D104	Y.RR	S-5	YOUTH RR
D105	CHASE	S-5	
D106	AV	S-5	
D107	JAN	S-5	JANITOR
D108	RECREATION YARD	S-7	
D110	SLEEP	S-5	
D111	SLEEP	S-5	
D112	SLEEP	S-5	
D113	SLEEP	S-5	
D114	SLEEP	S-5	
D115	SLEEP	S-5	
D116	SLEEP	S-5	
D117	ADA SHOWER	S-5	
D118	SHOWER	S-5	
D119	ADA SLEEP	S-5	
E100	ELEC SERVICE	S-7	
E101	ELEC.	S-5	
E102	IT (MDF)	S-5	
E103	ELEC	S-5	
E104	ELEC	S-5	
E105	IDF	S-3	
E105	ELEC.	S-7	
E106	SEC. ELEC.	S-5	
E107	SEC. ELEC.	S-5	
E108	ELEC	S-5	
E109	ELEC	S-5	
E112	ELEC	S-5	
E113	ELEC	S-5	
E114	SEC. ELEC.	S-5	
E115	SEC. ELEC.	S-5	
E116	ELEC	S-5	
E117	ELEC	S-5	
E120	ELEC	S-5	
E121	SEC. ELEC.	S-5	
E122	SEC. ELEC.	S-5	
E123	ELEC.	S-5	
E153	SEC. ELEC.	S-3	
F100	S.V.	S-5	SECURE VESTIBULE
F101	THERAPY	S-5	
F102	MH	S-5	
F103	DAY ROOM	S-5	
F104	Y.RR	S-5	YOUTH RR
F105	CHASE	S-5	
F106	AV	S-5	
F107	JAN	S-5	JANITOR
F108	RECREATION YARD	S-5	
F109	S. RR	S-5	STAFF RR
F110	SLEEP	S-5	
F111	SLEEP	S-5	
F112	SLEEP	S-5	
F113	SLEEP	S-5	
F114	SLEEP	S-5	
F115	SLEEP	S-5	
F116	SLEEP	S-5	
F117	ADA SHOWER	S-5	
F118	SHOWER	S-5	
F119	ADA SLEEP	S-5	
G100	S.V.	S-5	SECURE VESTIBULE
G101	THERAPY	S-5	
G102	MH	S-5	
G103	DAY ROOM	S-5	

SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	SIGN TYPE	REMARKS
G104	Y.RR	S-5	YOUTH RR
G105	CHASE	S-5	
G106	AV	S-5	
G107	JAN	S-5	JANITOR
G108	RECREATION YARD	S-5	
G110	SLEEP	S-5	
G111	SLEEP	S-5	
G112	SLEEP	S-5	
G113	SLEEP	S-5	
G114	SLEEP	S-5	
G115	SLEEP	S-5	
G116	SLEEP	S-5	
G117	ADA SHOWER	S-5	
G118	SHOWER	S-5	
G119	ADA SLEEP	S-5	
H100	S.V.	S-5	SECURE VESTIBULE
H101	THERAPY	S-5	
H102	MH	S-5	
H103	DAY ROOM	S-5	
H104	Y.RR	S-5	YOUTH RR
H105	CHASE	S-5	
H106	AV	S-5	
H107	JAN	S-5	JANITOR
H108	RECREATION YARD	S-5	
H110	SLEEP	S-5	
H111	SLEEP	S-5	
H112	SLEEP	S-5	
H113	SLEEP	S-5	
H114	SLEEP	S-5	
H115	SLEEP	S-5	
H116	SLEEP	S-5	
H117	ADA SHOWER	S-5	
H118	SHOWER	S-5	
H119	ADA SLEEP	S-5	
J100	GYMNASIUM	S-5, S-7	
J101	SV	S-5, S-7	SECURE VESTIBULE
J110	SNACK	S-5	
J112	REC OFF.	S-5	REC OFFICE
J112A	JAN	S-5	JANITOR
J114	Y.RR	S-5	YOUTH RR
J116	CHASE	S-5	
J118	STAFF RR	S-5	
J120	STO.	S-5	
K100	S.V.	S-5	SECURE VESTIBULE
K101	THERAPY	S-5	
K102	MH	S-5	
K103	DAY ROOM	S-5	
K104	Y.RR	S-5	YOUTH RR
K105	CHASE	S-5	
K106	AV	S-5	
K107	JAN	S-5	JANITOR
K108	RECREATION YARD	S-5	
K109	S. RR	S-5	STAFF RR
K110	SLEEP	S-5	
K111	SLEEP	S-5	
K112	SLEEP	S-5	
K113	SLEEP	S-5	
K114	SLEEP	S-5	
K115	SLEEP	S-5	
K116	SLEEP	S-5	
K117	ADA SHOWER	S-5	
K118	SHOWER	S-5	
K119	ADA SLEEP	S-5	
L100	S.V.	S-5	SECURE VESTIBULE
L101	THERAPY	S-5	
L102	MH	S-5	
L103	DAY ROOM	S-5	
L104	Y.RR	S-5	YOUTH RR
L105	CHASE	S-5	
L106	AV	S-5	
L107	JAN	S-5	JANITOR
L108	RECREATION YARD	S-5	
L110	SLEEP	S-5	
L111	SLEEP	S-5	
L112	SLEEP	S-5	
L113	SLEEP	S-5	
L114	SLEEP	S-5	
L115	SLEEP	S-5	
L116	SLEEP	S-5	
L117	ADA SHOWER	S-5	
L118	SHOWER	S-5	
L119	ADA SLEEP	S-5	
M101	MECH.	S-7	MECHANICAL
M102	MECH.	S-7	MECHANICAL
M105	MECH.	S-7	MECHANICAL
M106	MECHANICAL	S-7	
M109	MECH.	S-5	MECHANICAL
M110	MECHANICAL	S-5, S-7	
M114	MECHANICAL	S-7	
M117	MECHANICAL	S-7	
M118	MECHANICAL	S-7	
M121	MECHANICAL	S-7	
N100	S.V.	S-5	SECURE VESTIBULE
N101	THERAPY	S-5	
N102	MH	S-5	
N103	DAY ROOM	S-5	
N104	Y.RR	S-5	YOUTH RR
N105	CHASE	S-5	
N106	AV	S-5	
N107	JAN	S-5	JANITOR
N108	RECREATION YARD	S-5	
N110	SLEEP	S-5	
N111	SLEEP	S-5	
N112	SLEEP	S-5	
N113	SLEEP	S-5	
N114	SLEEP	S-5	
N115	SLEEP	S-5	
N116	SLEEP	S-5	

SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	SIGN TYPE	REMARKS
N117	ADA SHOWER	S-5	
N118	SHOWER	S-5	
N119	ADA SLEEP	S-5	
P100	S.V.	S-5	SECURE VESTIBULE
P101	THERAPY	S-5	
P102	MH	S-5	
P103	DAY ROOM	S-5	
P104	Y.RR	S-5	YOUTH RR
P106	AV	S-5	
P107	JAN	S-5	JANITOR
P108	RECREATION YARD	S-5	
P110	SLEEP	S-5	
P111	SLEEP	S-5	
P112	SLEEP	S-5	
P113	SLEEP	S-5	
P114	SLEEP	S-5	
P115	SLEEP	S-5	
P116	SLEEP	S-5	
P117	ADA SHOWER	S-5	
P118	SHOWER	S-5	
P119	ADA SLEEP	S-5	
Q100	S.V.	S-5	SECURE VESTIBULE
Q101	THERAPY	S-5	
Q102	MH	S-5	
Q103	DAY ROOM	S-5	
Q104	Y.RR	S-5	YOUTH RR
Q105	CHASE	S-5	
Q106	AV	S-5	
Q107	JAN	S-5	JANITOR
Q108	RECREATION YARD	S-5	
Q110	SLEEP	S-5	
Q111	SLEEP	S-5	
Q112	SLEEP	S-5	
Q113	SLEEP	S-5	
Q114	SLEEP	S-5	
Q115	SLEEP	S-5	
Q116	SLEEP	S-5	
Q117	ADA SHOWER	S-5	
Q118	SHOWER	S-5	
Q119	ADA SLEEP	S-5	
R100	LAUNDRY	S-5	
R100A	LOCK. STO.	S-5	LOCKER STORAGE
R100B	S. RR	S-5	STAFF RR
R100C	CLEAN LINEN STORAGE	S-5	
R100D	CHASE	S-5	
R102	LAUNDRY EQUIP	S-5	
R104	MEDS	S-5	
R106	GROUP 2 DINING	S-5	
R106A	VEST.		VESTIBULE
R106B	Y.RR	S-5	YOUTH RR
R107	GROUP 1 DINING	S-5	
R108	KITCHEN	S-5	
R108A	RECEIVING CORRIDOR	S-7	
R110	MGR OFFICE	S-5	
R112	SUPERVISOR	S-5	
R115	JAN	S-5	JANITOR
R117	S.RR	S-5	STAFF RR
R121	DRY STORAGE	S-5	
R122	GENERAL STO.	S-5	GENERAL STORAGE
S100	CLASSROOM 6	S-5	
S101	CLASSROOM 4	S-5	
S102	CLASSROOM 7	S-5	
S103	CLASSROOM 5	S-5	
S104	CLASSROOM 8	S-5	
S105	SPED	S-5	
S106	CLASSROOM 9	S-5	
S107	Y. RR	S-5	YOUTH RR
S108	SV	S-5, S-7	SECURE VESTIBULE
S108A	CHASE	S-5	
S109	STAFF RR	S-5	
S112	STOR.	S-5	STORAGE
S113	BREAK	S-5	
S114	JAN.	S-5	JANITOR
S115	WORK / COPY	S-5	
S116	GUIDANCE OFFICE	S-5	
S116A	COLLEGE ACADEMY	S-5	
S117	STAFF RR	S-5	
S119	STAFF RR	S-5	
S121	CHASE	S-5	
S123	PRINCIPAL OFFICE	S-5	
S125	ADMIN OFF.	S-5	ADMIN OFFICE
S125A	ADMIN STO	S-5	
S131	SPED CLASSROOM	S-5	
S133	CLASSROOM 1	S-5	
S134	STAFF RR	S-5	
S135	CLASSROOM 2	S-5	
S136	Y.RR	S-5	YOUTH RR
S137	CLASSROOM 3	S-5	
S138	SPED	S-5	
S139	SV	S-5, S-7	SECURE VESTIBULE
S140	LEARNING/ RESO /TESTING	S-5	
S140A	STO.	S-5	
T100	COSMETOLOGY	S-5	
T100A	STORAGE	S-5	
T101	VOTECH OFFICES	S-5	
T102	Y.RR	S-5	YOUTH RR
T104	CHASE	S-5	
T105	VOCATIONAL CLASSROOM 1 WELDING SHOP	S-5	
T105A	TOOL	S-5	
T106	STAFF RR	S-5	
T107	STORAGE	S-5, S-7	
T108	VOTECH CLASSROOM	S-5	

Grace Design Studios

GERALD DAVID HERBERT II LICENSE No. 41967 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SIGNAGE SCHEDULE

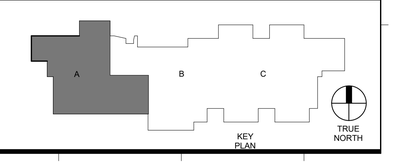
SHEET NUMBER
ID132

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:45:37 PM

1 FURNITURE PLAN - SECTOR A
1/8" = 1'-0"

FOR REFERENCE / COORDINATION ONLY. FURNITURE AND DETENTION FURNITURE ARE NOT IN CONTRACT

KEY PLAN



Grace Design Studios

GERALD DAVID HEBERT II LIC. No. 41707 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR PRINTING REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001655
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FURNITURE PLAN - SECTOR A

SHEET NUMBER
ID151a

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:56:57 PM

WOMENS RESTROOM B108
MENS RESTROOM B110
MECH. M105
CORRIDOR C109
COUNSELOR A165
LOBBY B100
TV (NC)
TRAINING ROOM B105
COR C111
LOCKERS B120
RR B123
DEPUTY DIR. B126
TREAT DIR. B128
ASST. FAC. DIR. B130
BUS. OPS. B132
SAFETY B134
OPEN OFFICE B138
INVEST ADMIN B146
BREAK B164
FACILITY DIRECTOR B165
ADMIN ASSIST. B163
TERM ACC. COORD. B161
BUS. MGR. B159
PAYROLL B157
PROP MGR B155
CLO. B166
SEC. ELEC. E153
ELEC E103
FILE B148
INVEST B150
INVEST B144
RR B149
RR B151
IDF E105
CONFERENCE B145
COPY WORKRM B141
SAFETY OFF B139
IT OFF. B137
HR B135
HR FILE B133
STO B131
CORR C115
LOUN B122
RR B124
VISIT. B103A
VISIT. B103B
MTG B103C
MTG B103D
SECURE BREAK B101
SHIFT COMMANDER B113
INVEST B115
IT WORKRM B137A
SERVER ROOM B137B
STORAGE B141A
CORR C118
RECREATION YARD D108
ADA SLEEP D119
SHOWER D118
DAY ROOM D103
A.V. D106
CHASE D107
PHASE D105
Y.RR D104
S.V. D100
ELEC E109
MH M102
SEC. ELEC. E107
CORR C120
STORAGE B106A
STOR B104B
MECH. M109
STAFF RR B104A
INTERLOCK B102
CENTRAL CONTROL B104
CORR C106
GROUP 1 DINING R107
GROUP 2 DINING R106
MEDS R104
VEST. R106A
Y.RR R106B
CHASE R100D
MGR OFFICE R110
SUPERVISOR R112
LAUNDRY R100
LAUNDRY EQUIP R102
LOCK. STO. R100A
S. RR R100B
CLEAN LINEN STORAGE R100C
JAN R115
KITCHEN R105
S.RR R117
DRY STORAGE R121
GENERAL STO. R122
MECHANICAL M106
ELEC SERVICE E100
MECHANICAL M110
THERAPY Q101
A.V. R100
MH Q102
ELEC E104
SEC. ELEC. E106
ELEC E108
MH P102
SLEEP Q110
SLEEP Q111
SLEEP Q112
SLEEP Q113
SLEEP Q114
SLEEP Q115
SLEEP Q116
ADA SHOWER Q117
SHOWER Q118
ADA SLEEP Q119
Y.RR Q104
CHASE Q105
A.V. Q106
JAN Q107
DAY ROOM Q103
RECREATION YARD Q108
RECREATION YARD P108
Y.RR P104
CHASE F105
JAN P107
ADA SLEEP P119
T.V.
F.D.
REF

1 FURNITURE PLAN - SECTOR B
1/8" = 1'-0"

FOR REFERENCE / COORDINATION ONLY. FURNITURE AND DETENTION FURNITURE ARE NOT IN CONTRACT

KEY PLAN

Grace Design Studios

GERALD DAVID HEBERT II LICENSE No. 41707 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01: F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

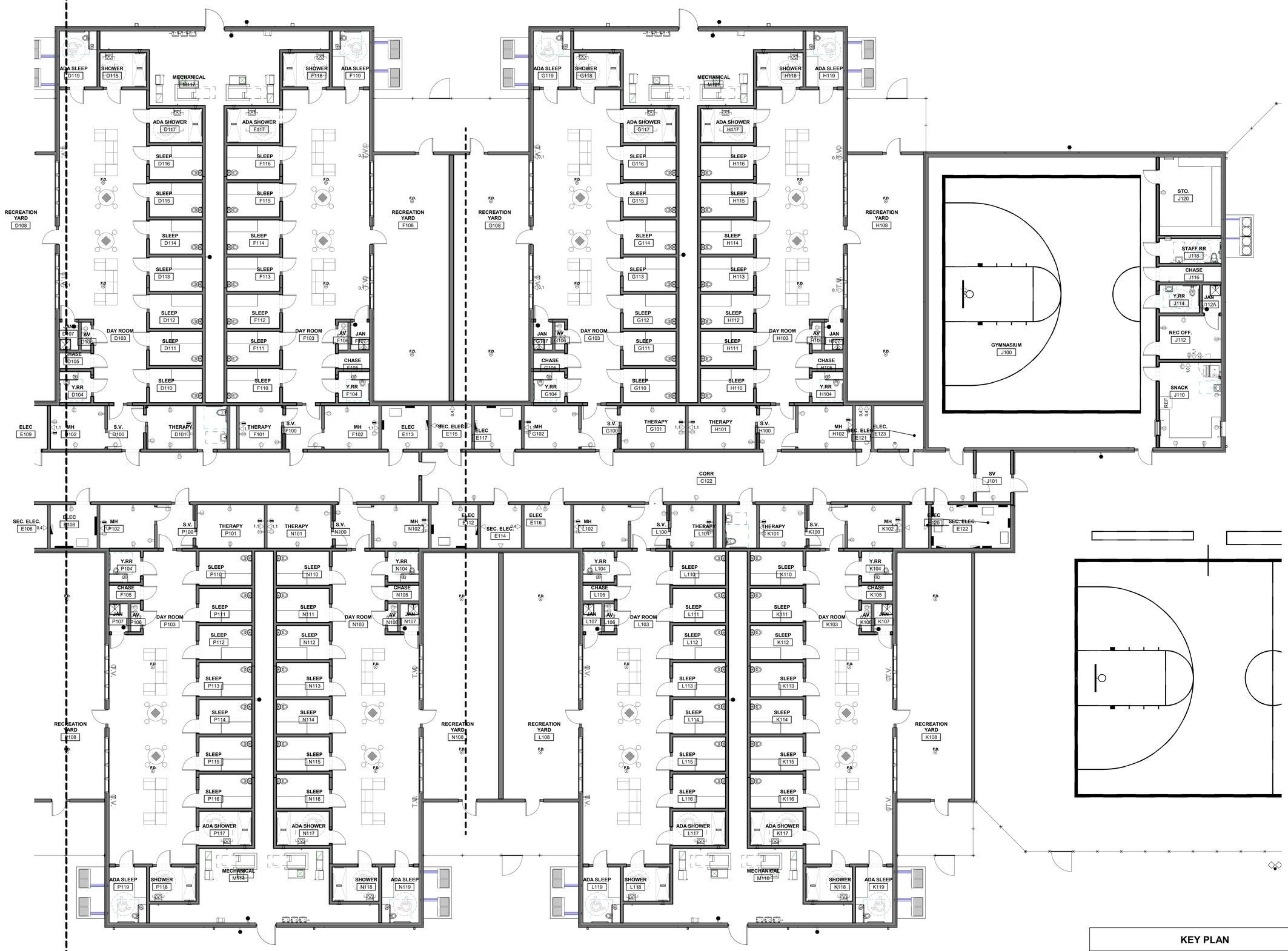
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FURNITURE PLAN - SECTOR B

SHEET NUMBER
ID151b

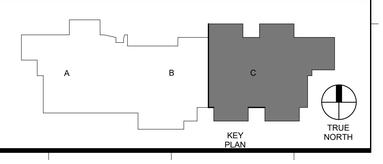
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 1:25:13 PM



1 FURNITURE PLAN - SECTOR C
1/8" = 1'-0"

FOR REFERENCE / COORDINATION ONLY. FURNITURE AND DETENTION FURNITURE ARE NOT IN CONTRACT

KEY PLAN



Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000780) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

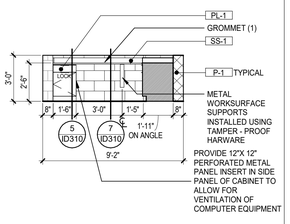
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

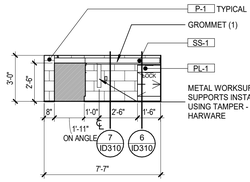
FURNITURE PLAN - SECTOR C

SHEET NUMBER
ID151c

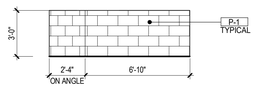
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:53:37 PM



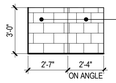
1 ADMISSIONS DESK A100 WEST
1/4" = 1'-0"



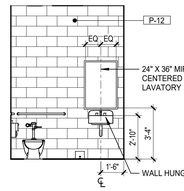
2 ADMISSIONS DESK A100 NORTH
1/4" = 1'-0"



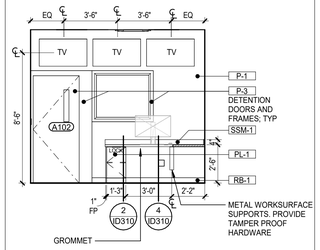
3 ADMISSIONS DESK A100 EAST
1/4" = 1'-0"



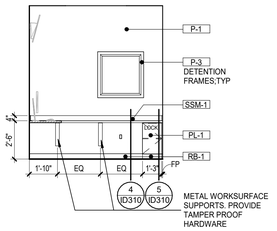
4 ADMISSIONS DESK A100 SOUTH
1/4" = 1'-0"



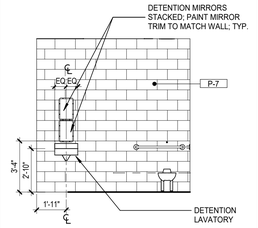
5 S. RESTROOM A101- NORTH
1/4" = 1'-0"



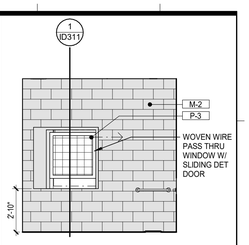
6 CONTROL RM 2 - A102 - WEST
1/4" = 1'-0"



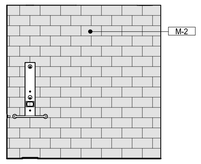
7 CONTROL RM 2 - A102 - NORTH
1/4" = 1'-0"



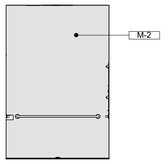
8 RESTROOM A106- SOUTH
1/4" = 1'-0"



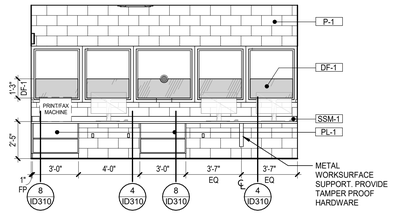
9 Y SHOWER A107 S
1/4" = 1'-0"



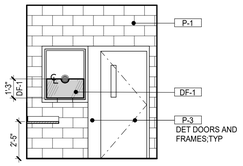
10 Y SHOWER A107 N
1/4" = 1'-0"



11 Y SHOWER A107 W
1/4" = 1'-0"

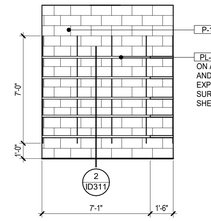


12 NURSE STN. A121-WEST
1/4" = 1'-0"

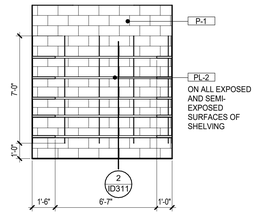


NOTE: DF-1 TO BE APPLIED TO OPP PASS THROUGH WINDOW AS WELL

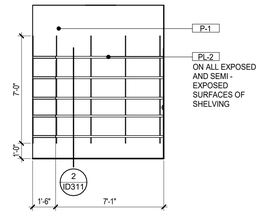
13 NURSE STN. A121- WINDOW
1/4" = 1'-0"



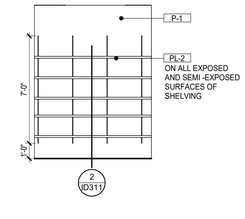
14 MED SUPPLY 121B- NORTH
1/4" = 1'-0"



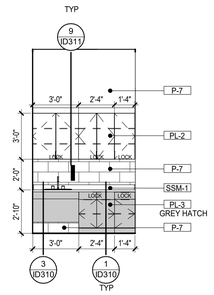
15 MED SUPPLY 121B- EAST
1/4" = 1'-0"



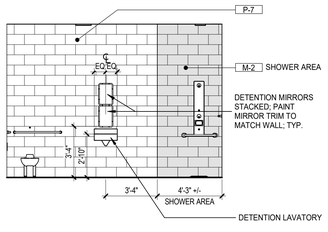
16 MED SUPPLY 121B - SOUTH
1/4" = 1'-0"



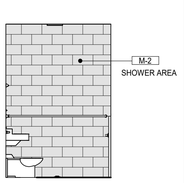
17 MED CART A121A - EAST
1/4" = 1'-0"



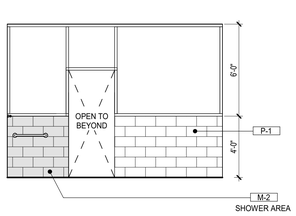
18 ISO VEST. A128- WEST
1/4" = 1'-0"



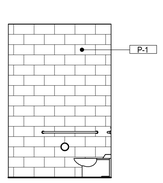
19 Y. RR A130A - NORTH
1/4" = 1'-0"



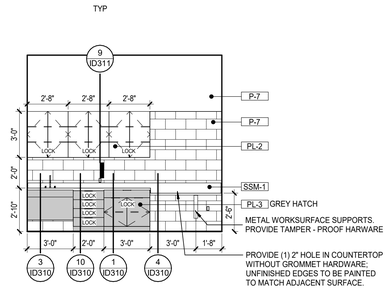
20 Y. RR A130A - EAST
1/4" = 1'-0"



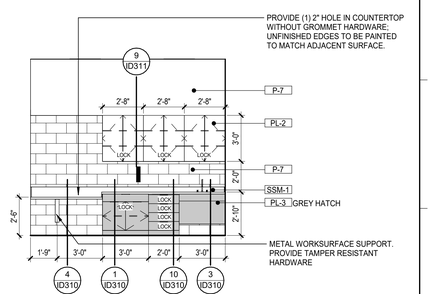
21 Y. RR A130A - SOUTH
1/4" = 1'-0"



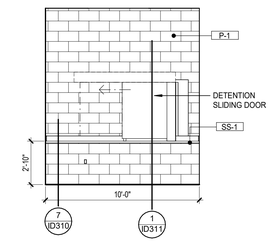
22 Y. RR A130A - WEST
1/4" = 1'-0"



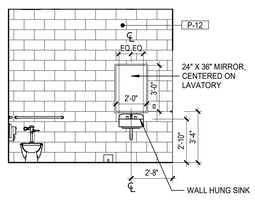
23 EXAM A141-EAST
1/4" = 1'-0"



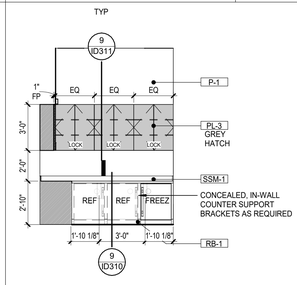
24 EXAM A143-WEST
1/4" = 1'-0"



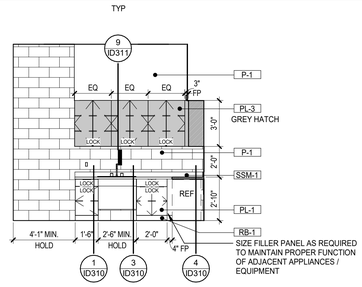
25 PROP STO. A108- NORTH
1/4" = 1'-0"



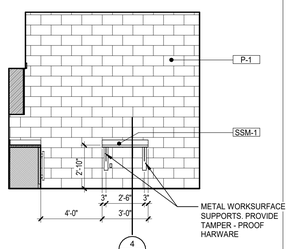
26 STAFF TLT A151- WEST
1/4" = 1'-0"



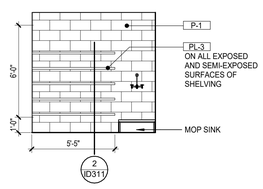
27 LAB A147- SOUTH
1/4" = 1'-0"



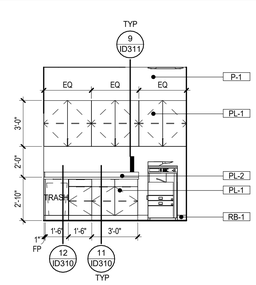
28 LAB A147- EAST
1/4" = 1'-0"



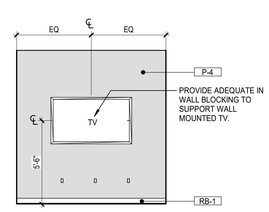
29 LAB A147- WEST
1/4" = 1'-0"



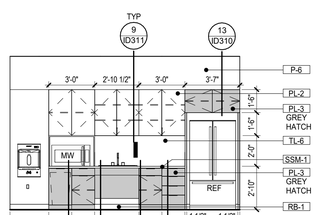
30 JAN A157 - EAST
1/4" = 1'-0"



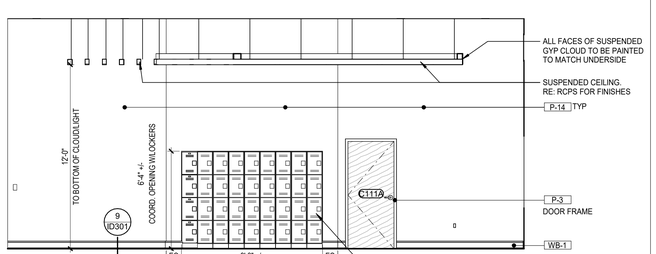
31 PRINT/WORK A162 - SOUTH
1/4" = 1'-0"



32 CONFERENCE A168 - WEST
1/4" = 1'-0"

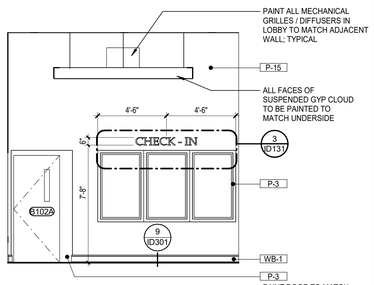


33 BREAK / CONF A172 - SOUTH
1/4" = 1'-0"



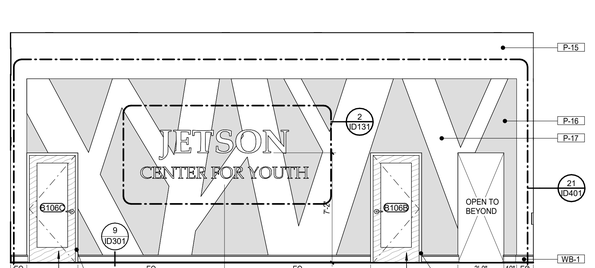
NOTE: LOBBY TO RECIEVE SCUFFMASTER SCRUBTOUGH PAINT; COLORS TO MATCH SPECIFIED SHERWIN WILLIAMS PAINT SHOWN.

34 LOBBY B100 - EAST
1/4" = 1'-0"



NOTE: LOBBY TO RECIEVE SCUFFMASTER SCRUBTOUGH PAINT; COLORS TO MATCH SPECIFIED SHERWIN WILLIAMS PAINT SHOWN.

35 LOBBY B100 - SOUTH
1/4" = 1'-0"



36 LOBBY B100 - WEST
1/4" = 1'-0"

NOTE: LOBBY TO RECIEVE SCUFFMASTER SCRUBTOUGH PAINT; COLORS TO MATCH SPECIFIED SHERWIN WILLIAMS PAINT SHOWN.

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

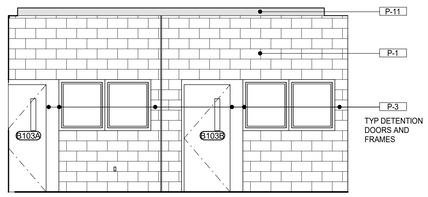
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

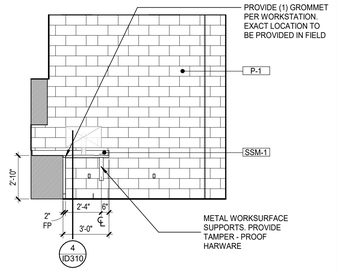
INTERIOR ELEVATIONS

SHEET NUMBER
ID201

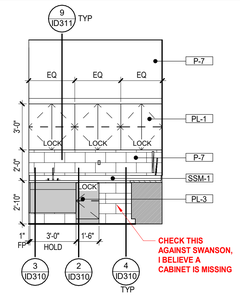
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:25:39 PM



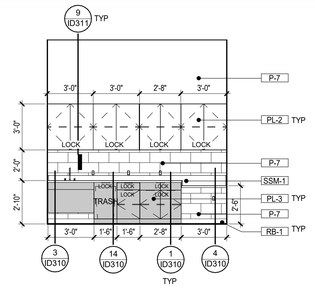
1 VISITATION B103- NORTH
1/4" = 1'-0"



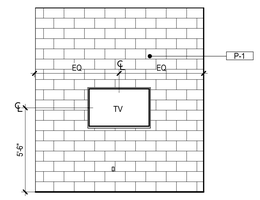
2 OPT A133- EAST
1/4" = 1'-0"



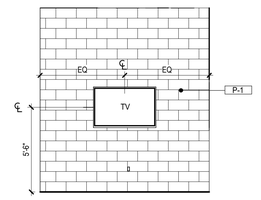
3 OPT A133- NORTH
1/4" = 1'-0"



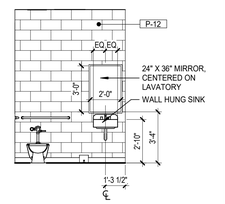
4 DENTIST A129- NORTH
1/4" = 1'-0"



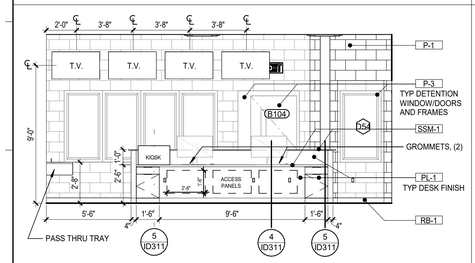
5 MTG B103C- NORTH
1/4" = 1'-0"



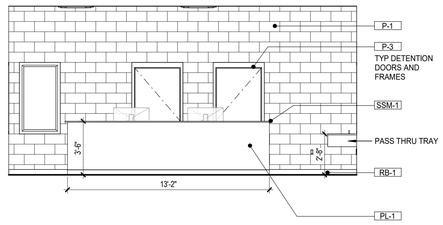
6 MTG B103D- SOUTH
1/4" = 1'-0"



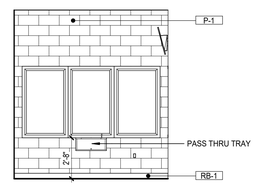
7 STAFF RR B104A- WEST
1/4" = 1'-0"



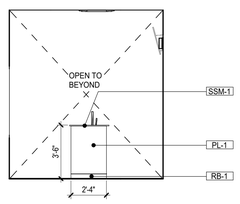
8 CENTRAL CONTROL - B104 - EAST
1/4" = 1'-0"



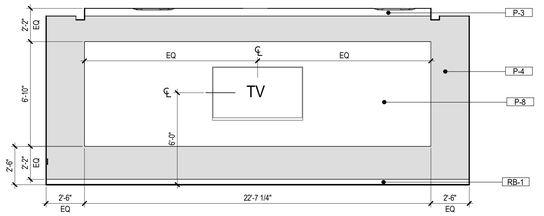
9 CENTRAL CONTROL B104 - WEST
1/4" = 1'-0"



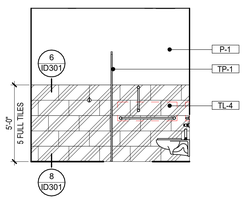
10 CENTRAL CONTROL B104- NORTH
1/4" = 1'-0"



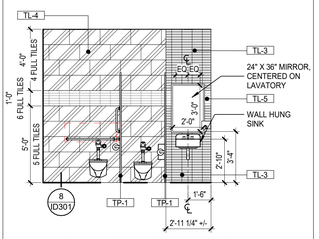
11 CENTRAL CONTROL DESK - END
1/4" = 1'-0"



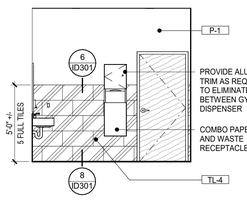
12 TRAINING ROOM B106- PRESENTATION WALL -WEST
1/4" = 1'-0"



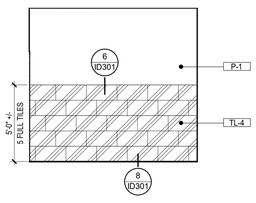
13 WOMENS RR B108 - NORTH
1/4" = 1'-0"



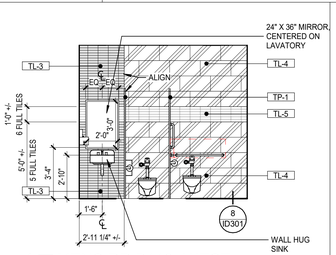
14 WOMENS RR B108- EAST
1/4" = 1'-0"



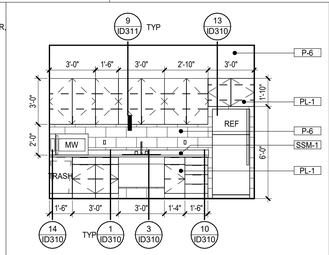
15 WOMENS RR B108 - SOUTH
1/4" = 1'-0"



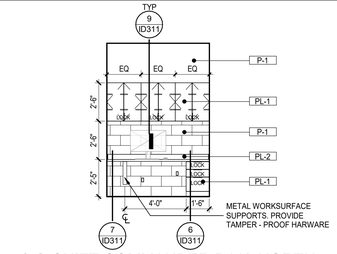
16 WOMENS RR B108 - WEST
1/4" = 1'-0"



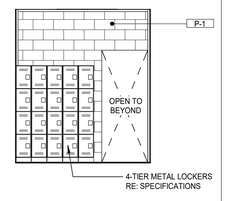
17 MENS RR B110- WEST
1/4" = 1'-0"



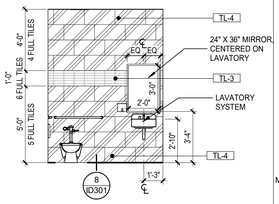
18 SECURE BREAK B111 - WEST
1/4" = 1'-0"



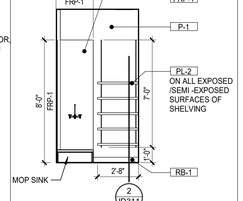
19 SHIFT COMMANDER B113-NORTH
1/4" = 1'-0"



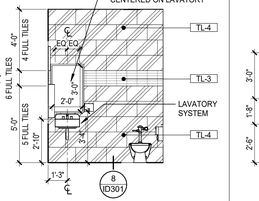
20 LOCKERS B120- WEST
1/4" = 1'-0"



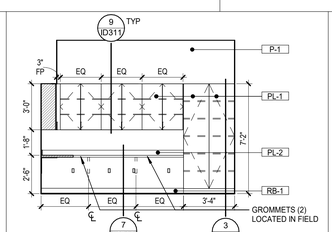
21 RR B120A- SOUTH
1/4" = 1'-0"



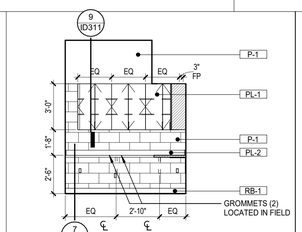
22 JANITOR B122-NORTH
1/4" = 1'-0"



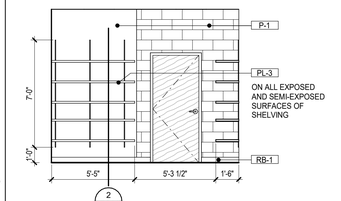
23 RR B124- NORTH
1/4" = 1'-0"



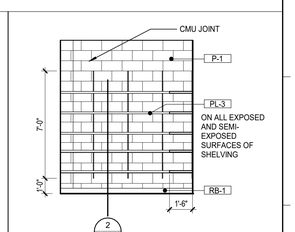
24 IT WORKRM B137A-WEST
1/4" = 1'-0"



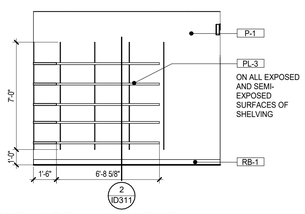
25 IT WORKRM B137A-SOUTH
1/4" = 1'-0"



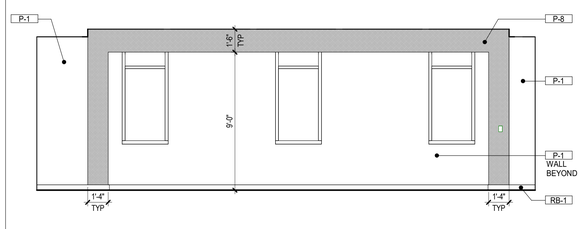
26 STORAGE B141A - EAST
1/4" = 1'-0"



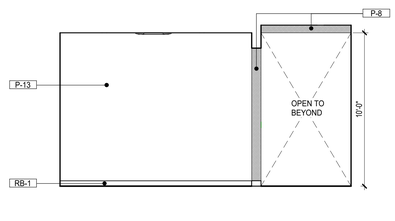
27 STORAGE B141A - SOUTH
1/4" = 1'-0"



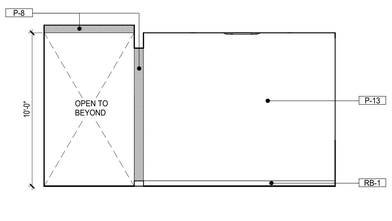
28 STORAGE B141A - WEST
1/4" = 1'-0"



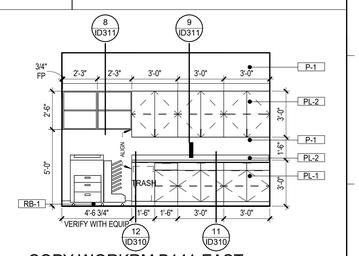
29 OPEN OFFICE - B138 - NORTH
1/4" = 1'-0"



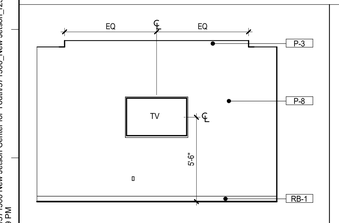
30 OPEN OFFICE - B138 - EAST
1/4" = 1'-0"



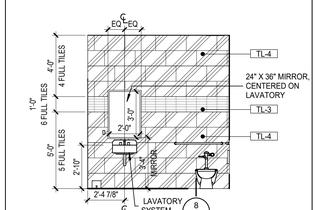
31 OPEN OFFICE - B138 - WEST
1/4" = 1'-0"



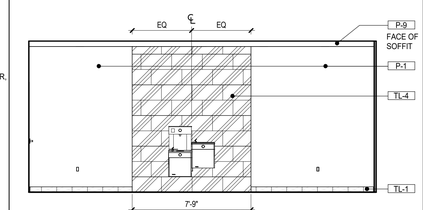
32 COPY WORKRM B141-EAST
1/4" = 1'-0"



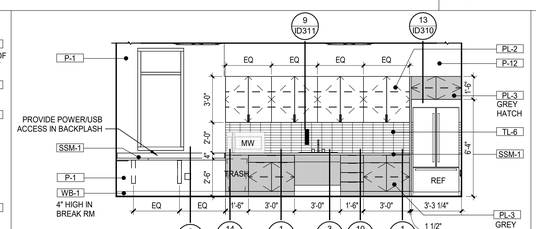
33 CONF. ROOM - B145 - SOUTH
1/4" = 1'-0"



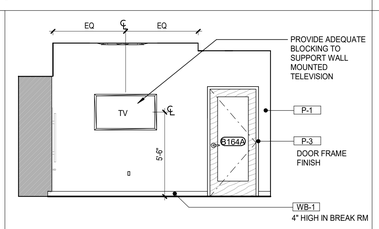
34 RR B149 & B151- WET WALL
1/4" = 1'-0"



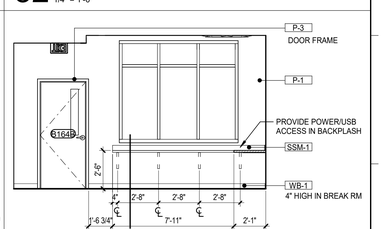
35 BREAK B164-SOUTH
1/4" = 1'-0"



36 BREAK B164-NORTH
1/4" = 1'-0"



37 BREAK B164 - EAST
1/4" = 1'-0"



38 BREAK B164-WEST
1/4" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/FABRICATION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01; F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

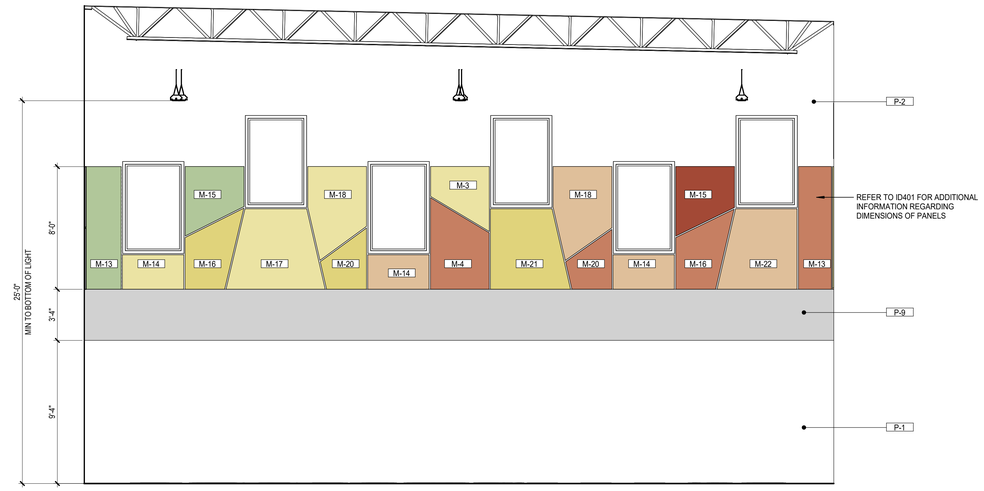
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR ELEVATIONS

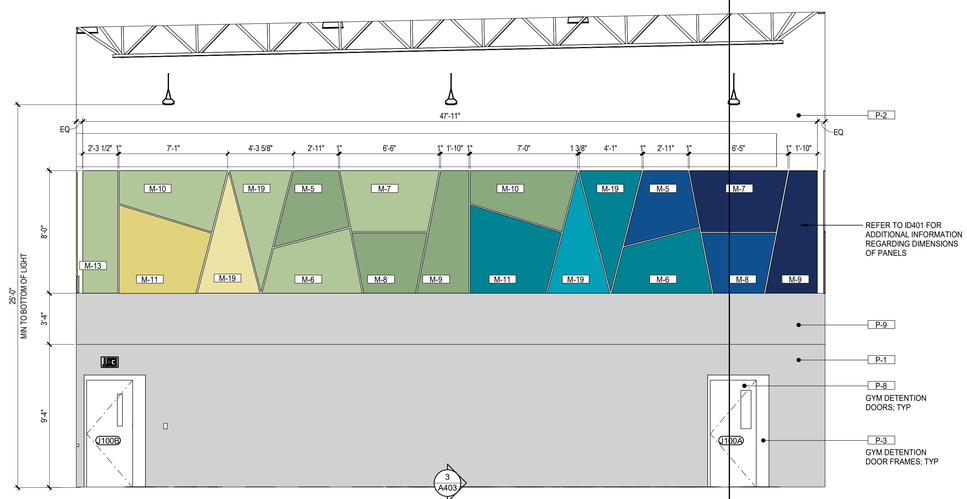
SHEET NUMBER
ID202

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:25:39 PM

NOTE: THIS PAGE TO BE PRINTED WITH COLOR



1 GYMNASIUM J100- NORTH
1/4" = 1'-0"

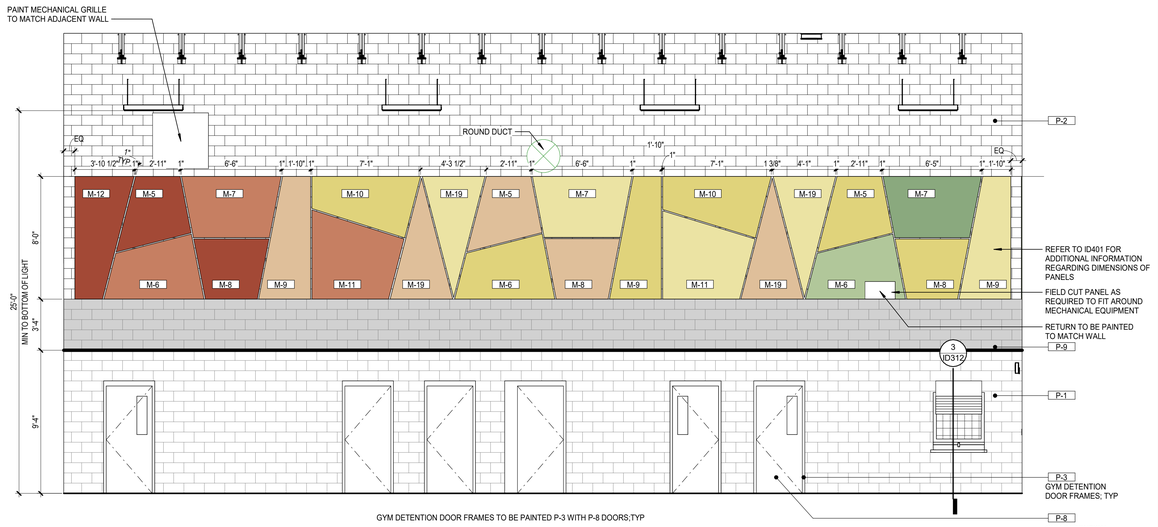


GYM DETENTION DOOR FRAMES TO BE PAINTED P-3 WITH P-8 DOORS;TYP

2 GYMNASIUM J100- SOUTH
1/4" = 1'-0"

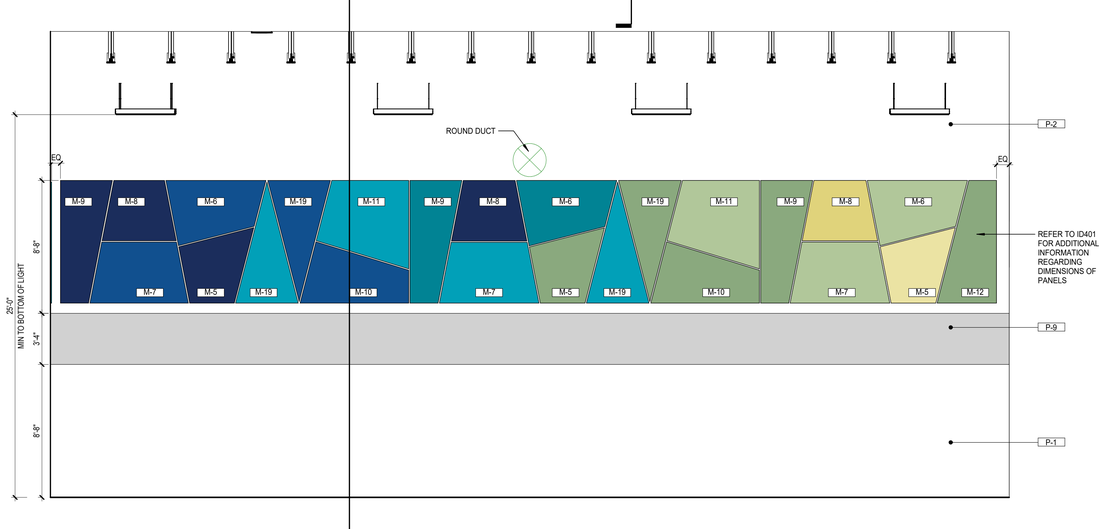
ACOUSTIC WALL PANEL LEGEND

- SW 6342 | SPICY HUE
- SW 6643 | YAM
- SW 6353 | CHIVALRY COPPER
- SW 6694 | GLAD YELLOW
- SW 6901 | DAFFODIL
- SW 6429 | BAIZE GREEN
- SW 6430 | GREAT GREEN
- SW 6788 | CAPRI
- SW 6782 | CRUISING
- SW 6797 | JAY BLUE
- SW 6510 | LOYAL BLUE

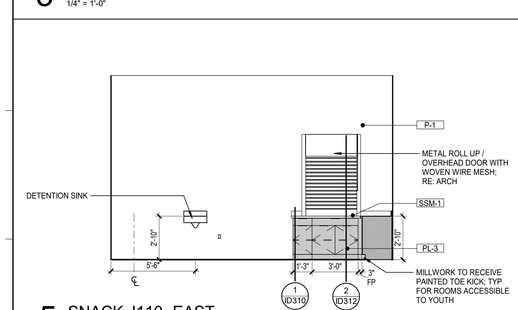


GYM DETENTION DOOR FRAMES TO BE PAINTED P-3 WITH P-8 DOORS;TYP

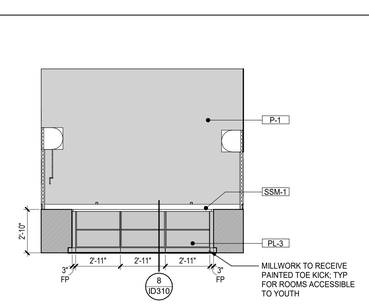
3 GYMNASIUM J100- EAST
1/4" = 1'-0"



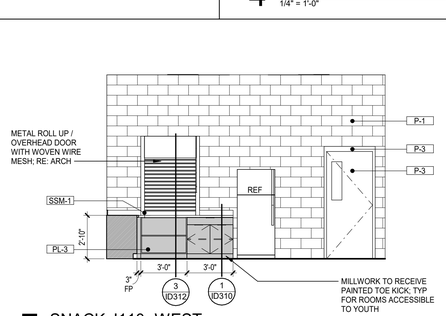
4 GYMNASIUM J100- WEST
1/4" = 1'-0"



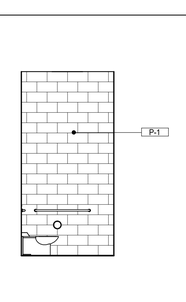
5 SNACK J110- EAST
1/4" = 1'-0"



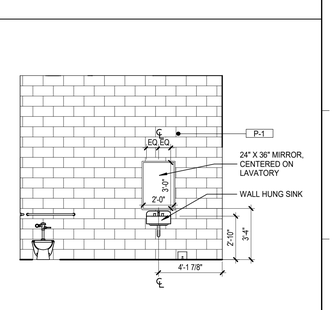
6 SNACK J110- SOUTH
1/4" = 1'-0"



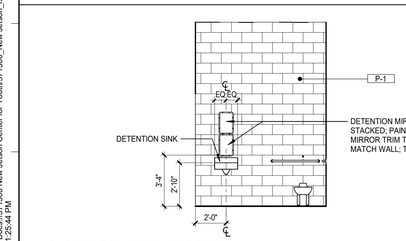
7 SNACK J110- WEST
1/4" = 1'-0"



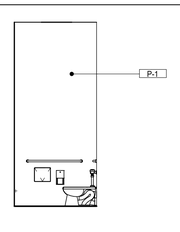
8 STAFF RR J118- EAST
1/4" = 1'-0"



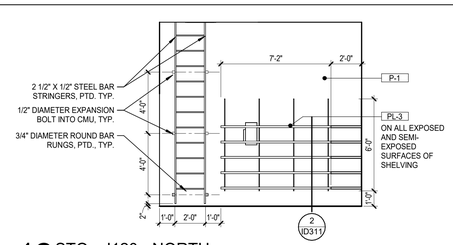
9 STAFF RR J118- SOUTH
1/4" = 1'-0"



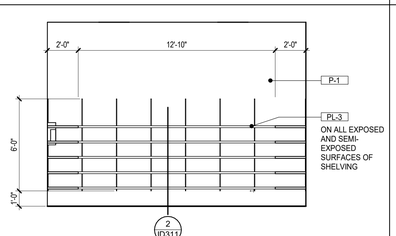
10 Y. RR J114- NORTH
1/4" = 1'-0"



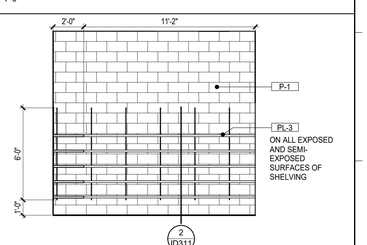
11 Y. RR J114- WEST
1/4" = 1'-0"



12 STO - J120 - NORTH
1/4" = 1'-0"



13 STO - J120 - EAST
1/4" = 1'-0"



14 STO - J120 - SOUTH
1/4" = 1'-0"

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

Grace Design Studios

GERALD DAVID HERBERT III LIC. No. 41966 STATE OF LOUISIANA REGISTERED ARCHITECT

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

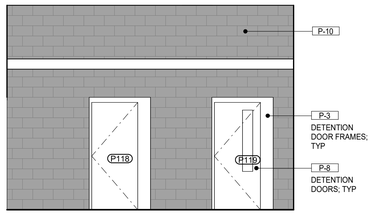
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR ELEVATIONS

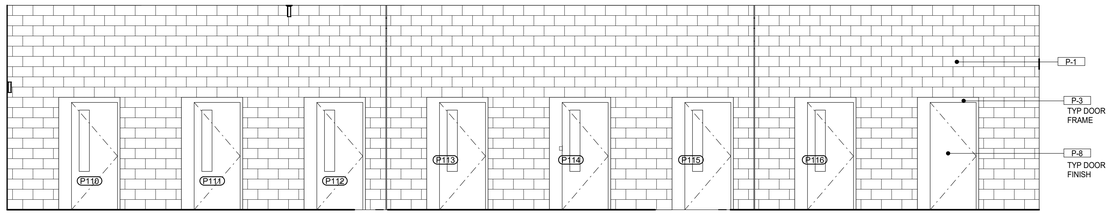
SHEET NUMBER
ID203

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/10/2026 12:25:44 PM



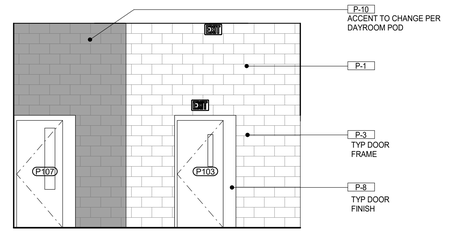
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

1 DAY ROOM P103- OPP OF ENTRY(P-10)
1/4" = 1'-0"



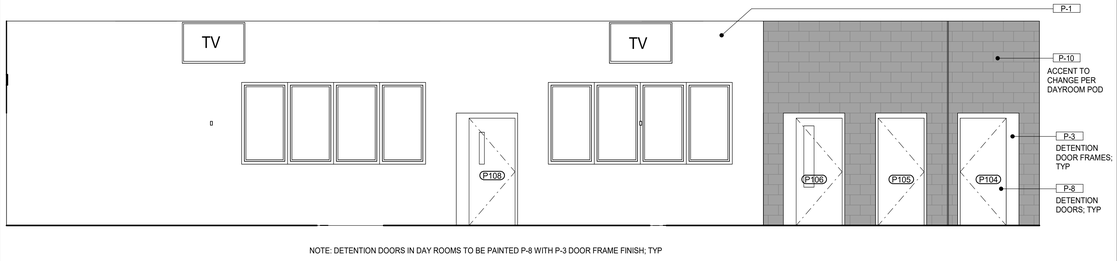
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

2 DAY ROOM P103- SLEEP ENTRY WALL (P-10)
1/4" = 1'-0"



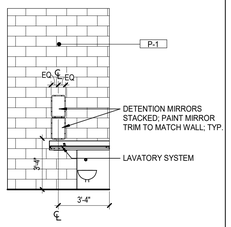
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

3 DAY ROOM P103- ENTRY WALL (P-10)
1/4" = 1'-0"

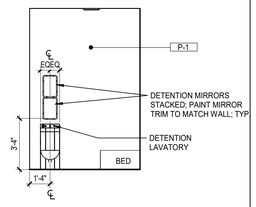


NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

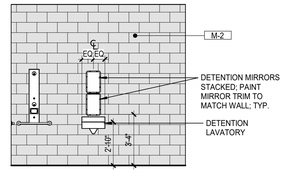
4 DAY ROOM P103- EXTERIOR WALL (P-10)
1/4" = 1'-0"



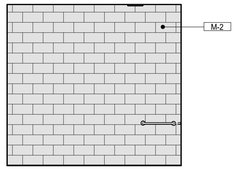
5 RR - WET WALL - TYPICAL
1/4" = 1'-0"



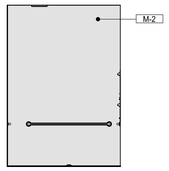
6 SLEEP - WET WALL - TYPICAL
1/4" = 1'-0"



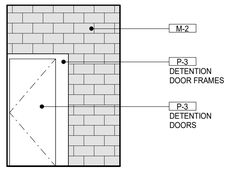
7 ADA SHOWER - WET WALL - TYP
1/4" = 1'-0"



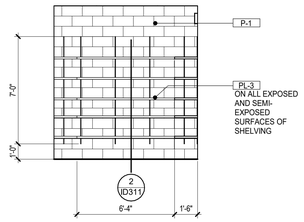
8 ADA SHOWER - BLANK WALL - TYP
1/4" = 1'-0"



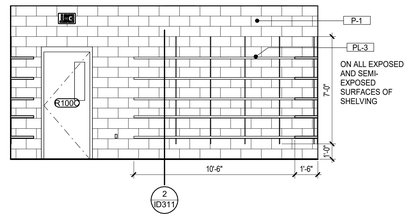
9 ADA SHOWER - SHOWER WALL - TYP
1/4" = 1'-0"



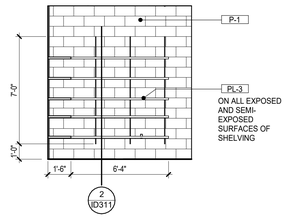
10 ADA SHOWER - DOOR WALL -TYP
1/4" = 1'-0"



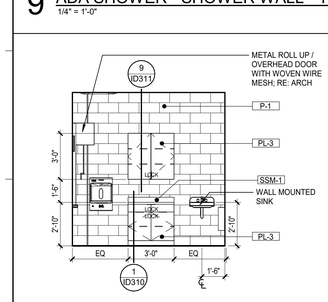
11 CLEAN LINEN STO. - R100C - EAST
1/4" = 1'-0"



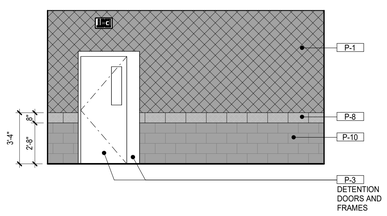
12 CLEAN LINEN STO. - R100C - NORTH
1/4" = 1'-0"



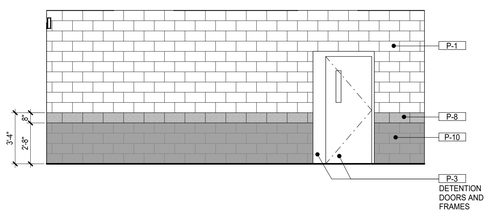
14 CLEAN LINEN STO. - R100C - WEST
1/4" = 1'-0"



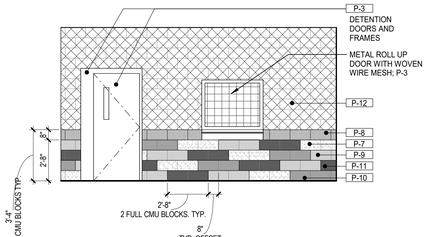
15 MEDS R104-WEST
1/4" = 1'-0"



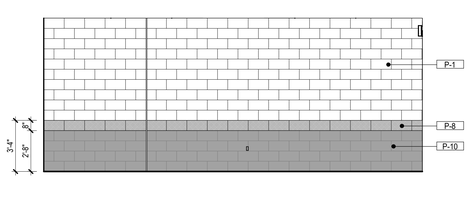
16 GROUP 1 DINING R107 - NORTH
1/4" = 1'-0"



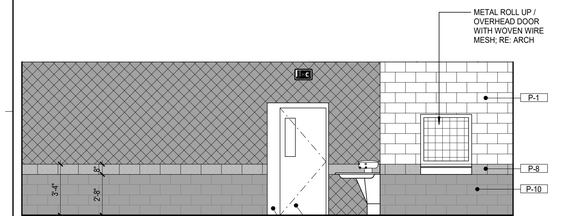
17 GROUP 1 DINING R107 - EAST
1/4" = 1'-0"



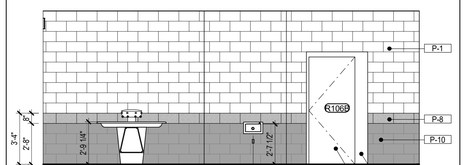
18 GROUP 1 DINING R107 - SOUTH
1/4" = 1'-0"



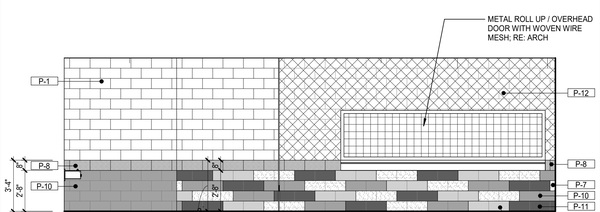
19 GROUP 1 DINING R107 - WEST
1/4" = 1'-0"



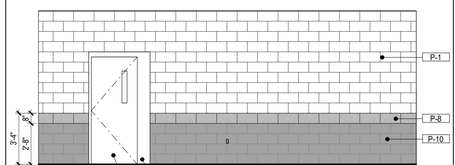
20 GROUP 2 DINING R106 - NORTH
1/4" = 1'-0"



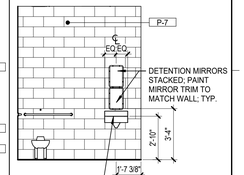
21 GROUP 2 DINING R106- EAST
1/4" = 1'-0"



22 GROUP 2 DINING R106 - SOUTH
1/4" = 1'-0"



23 GROUP 2 DINING R106 - WEST
1/4" = 1'-0"



24 Y.RR R106B- SOUTH
1/4" = 1'-0"

Grace Design Studios

GERARD DAVID HEBERT II
LICENSE No. 41301
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

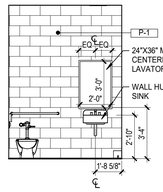
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

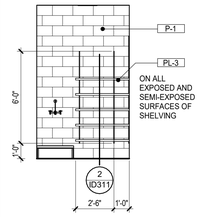
INTERIOR ELEVATIONS

SHEET NUMBER
ID204

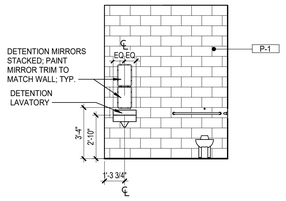
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:35:30 PM



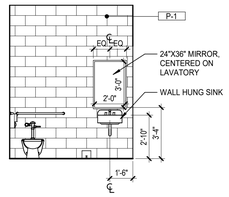
1 RR - R117 - WEST
1/4" = 1'-0"



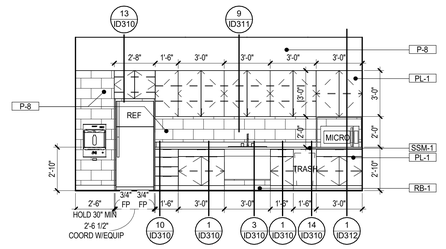
2 JAN - S114 - SOUTH
1/4" = 1'-0"



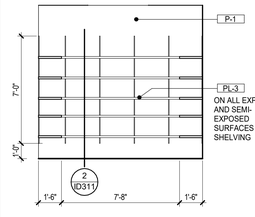
3 Y.RR - S107 - SOUTH
1/4" = 1'-0"



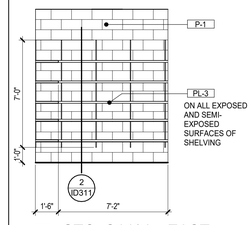
4 STAFF RR - S109 - NORTH
1/4" = 1'-0"



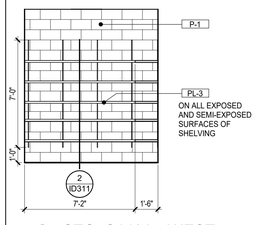
5 BREAK - S113 - EAST
1/4" = 1'-0"



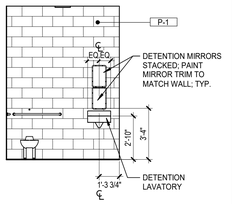
6 STO. S140A - NORTH
1/4" = 1'-0"



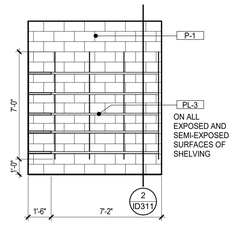
7 STO. S140A - EAST
1/4" = 1'-0"



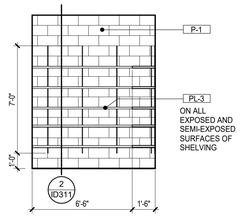
8 STO. S140A - WEST
1/4" = 1'-0"



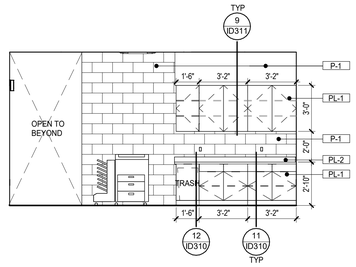
9 Y.RR - S136 - SOUTH
1/4" = 1'-0"



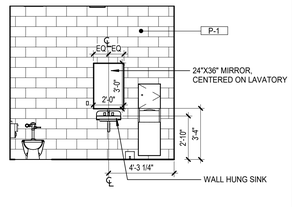
10 STORAGE S112 - WEST
1/4" = 1'-0"



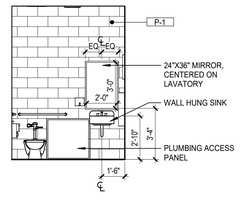
11 STORAGE S112 - SOUTH
1/4" = 1'-0"



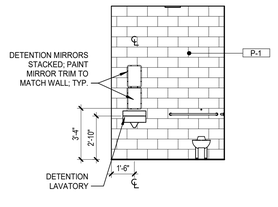
12 WORK/COPY - S115 - WEST
1/4" = 1'-0"



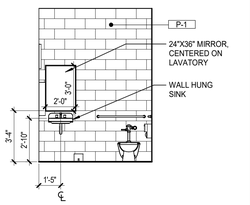
13 STAFF RR - S117 - WEST
1/4" = 1'-0"



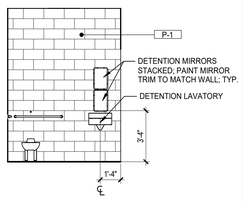
14 ADA STAFF RR - S119 - WEST
1/4" = 1'-0"



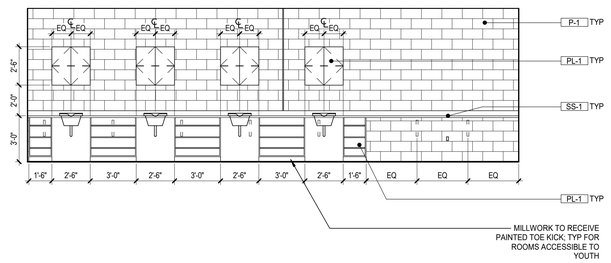
15 STAFF RR - S134 - EAST
1/4" = 1'-0"



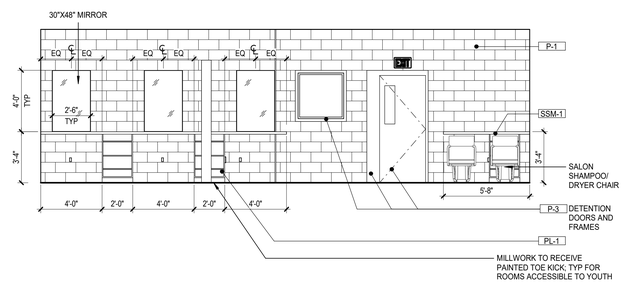
16 STAFF RR T106- NORTH
1/4" = 1'-0"



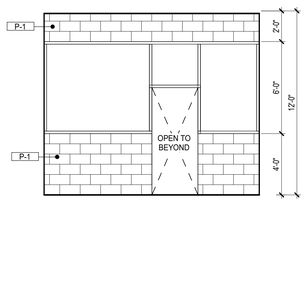
17 Y.RR T102- SOUTH
1/4" = 1'-0"



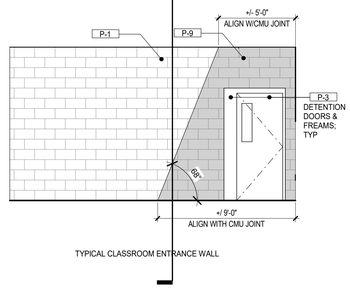
18 COSMETOLOGY - T100 - EAST
1/4" = 1'-0"



19 COSMETOLOGY - T100 - WEST
1/4" = 1'-0"

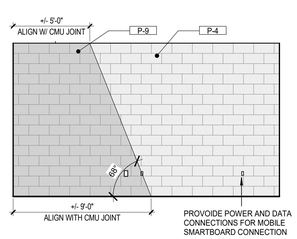


20 ISO A130 - NORTH
1/4" = 1'-0"



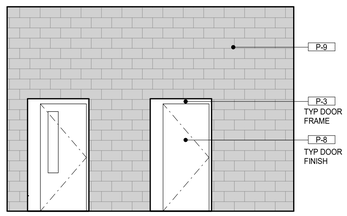
TYPICAL CLASSROOM ENTRANCE WALL

21 CLASSROOM 5 S103 - EAST - P-9
1/4" = 1'-0"



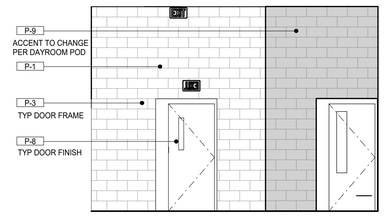
TYPICAL CLASSROOM TEACHING WALL

22 CLASSROOM 5 S103 - SOUTH - P-9
1/4" = 1'-0"



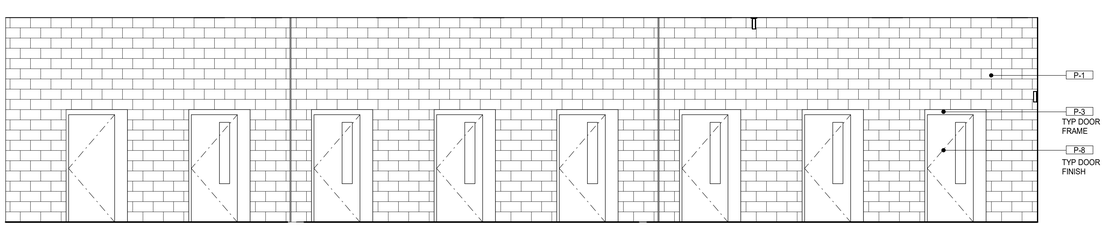
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

23 DAY ROOM G103- OPP OF ENTRY(P-9)
1/4" = 1'-0"



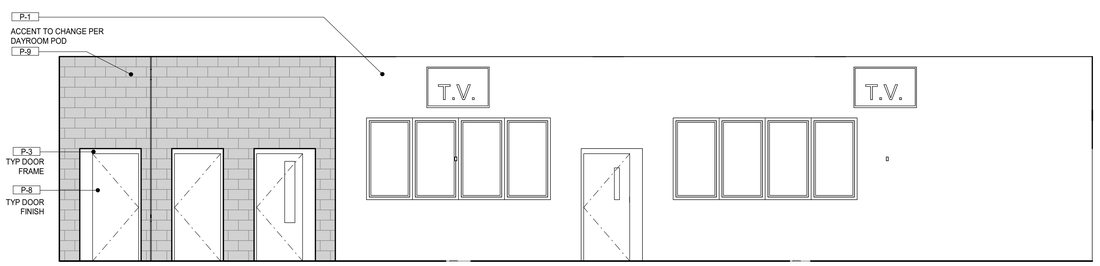
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

24 DAY ROOM G103- ENTRY WALL (P-9)
1/4" = 1'-0"



NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

25 DAY ROOM G103- SLEEP ENTRY WALL (P-9)
1/4" = 1'-0"



NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

26 DAY ROOM G103- EXTERIOR WALL(P-9)
1/4" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

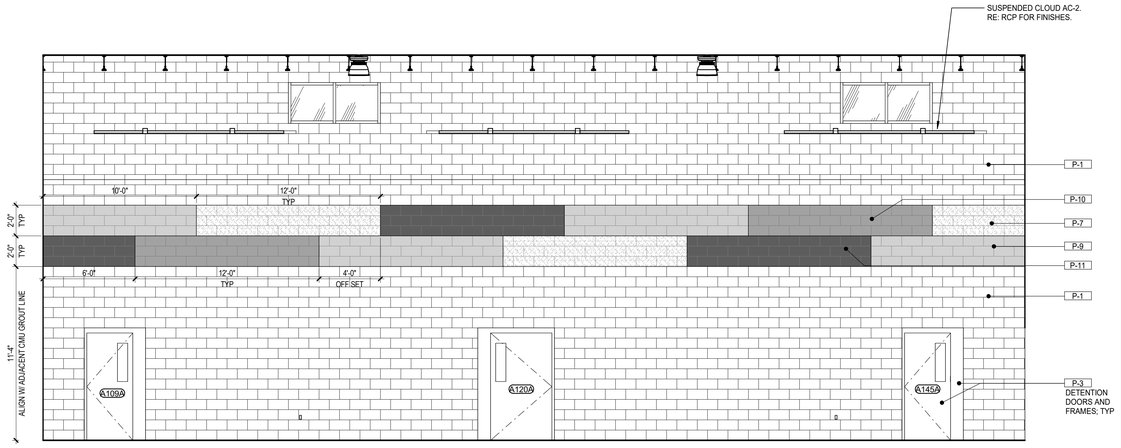
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR ELEVATIONS

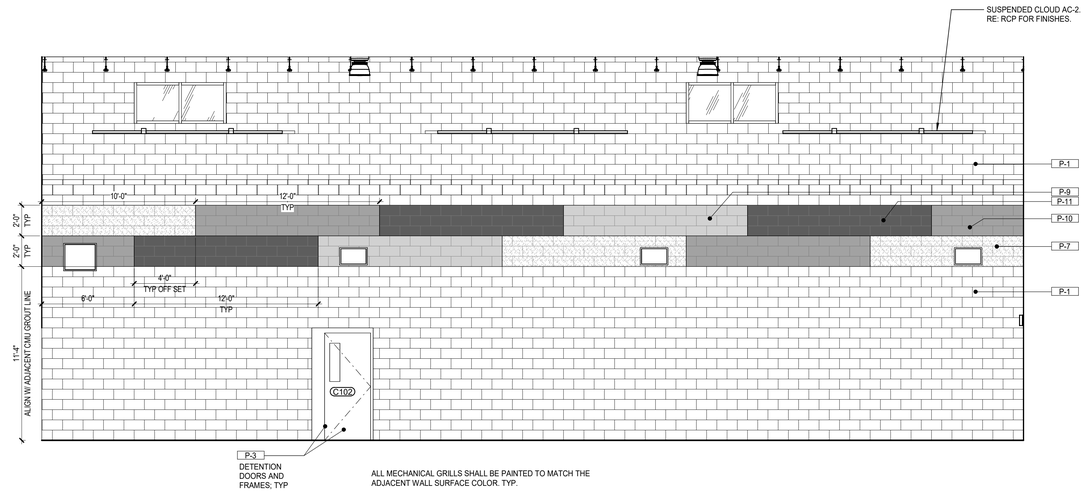
SHEET NUMBER
ID205

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:57:37 PM



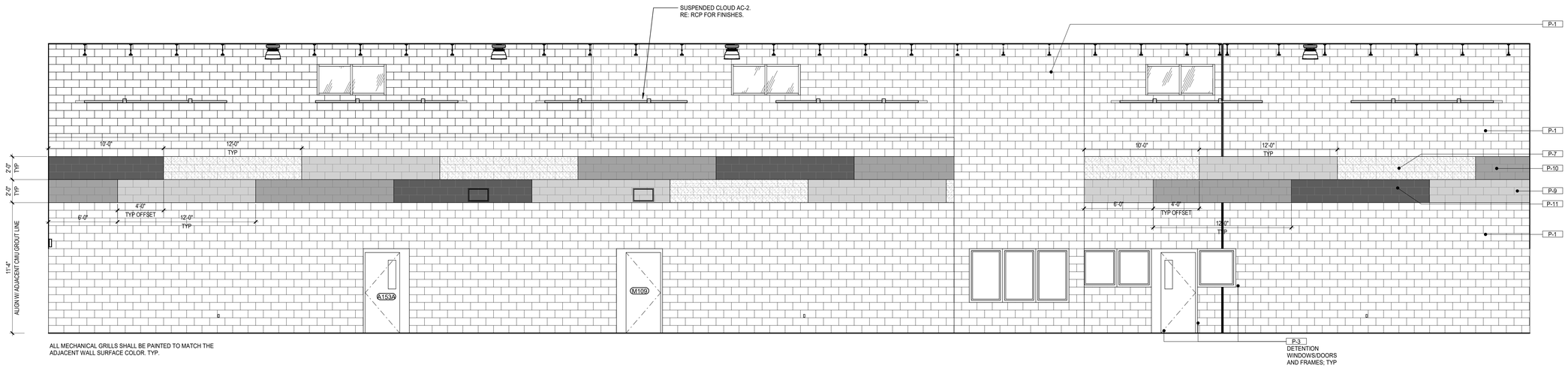
ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

1 CORR. C100 - NORTH
1/4" = 1'-0"



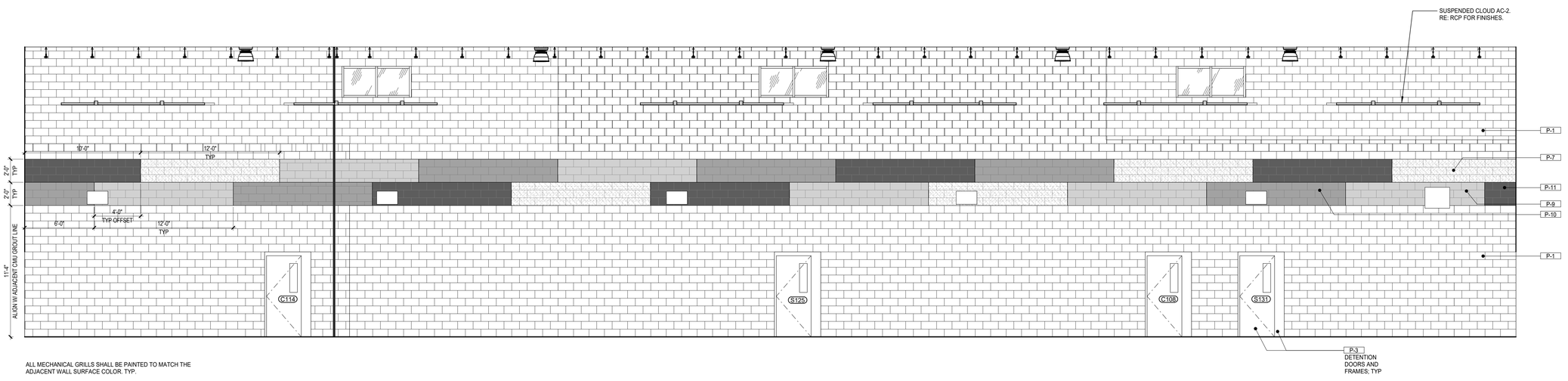
ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

2 CORR. C100 - SOUTH
1/4" = 1'-0"



ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

3 CORR. C106 - NORTH
1/4" = 1'-0"



ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

4 CORR. C106 - SOUTH
1/4" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youths/571506_New Jetson_r23.rvt
4/1/2025 1:29:00 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR MANUFACTURER/SUPPLIER/FABRICATOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

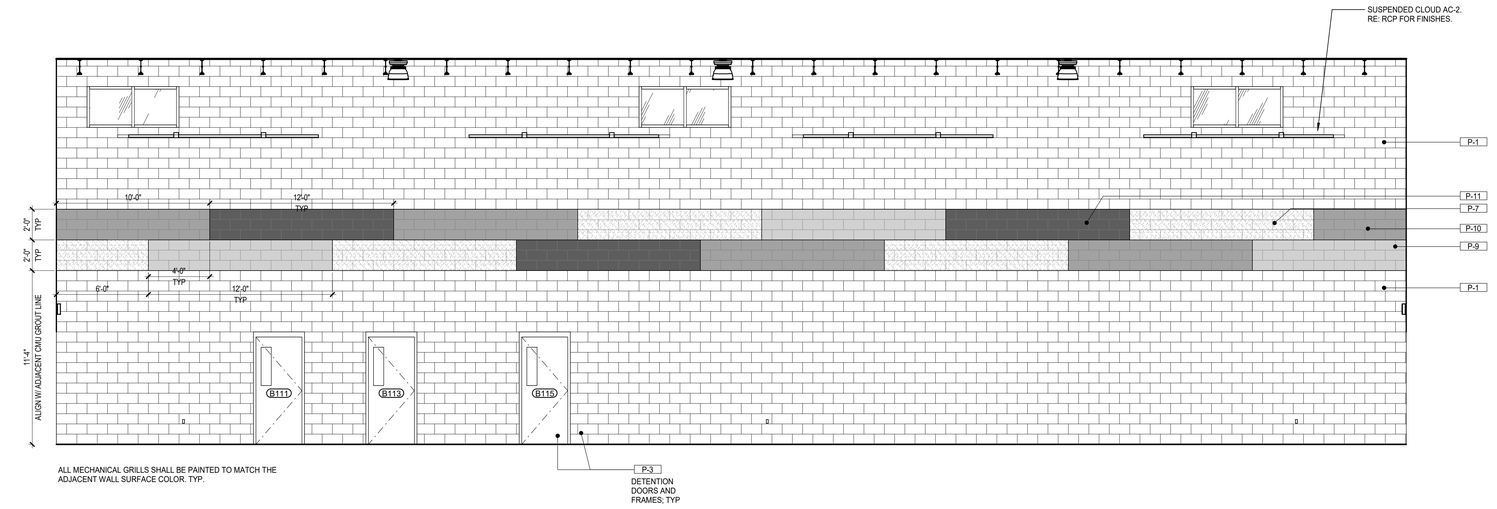
PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

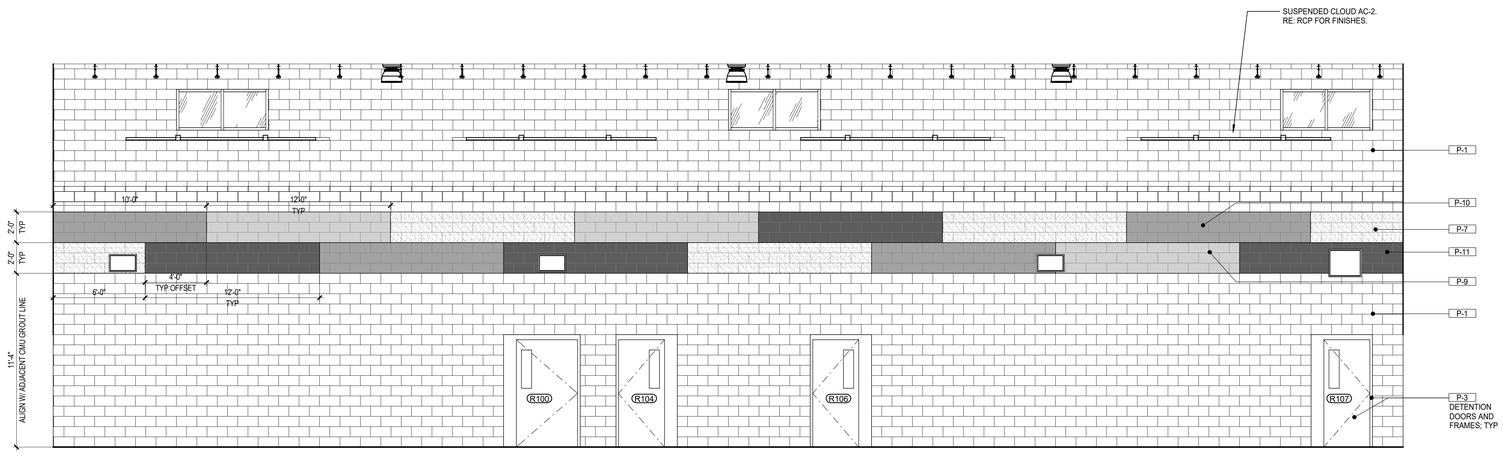
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR ELEVATIONS

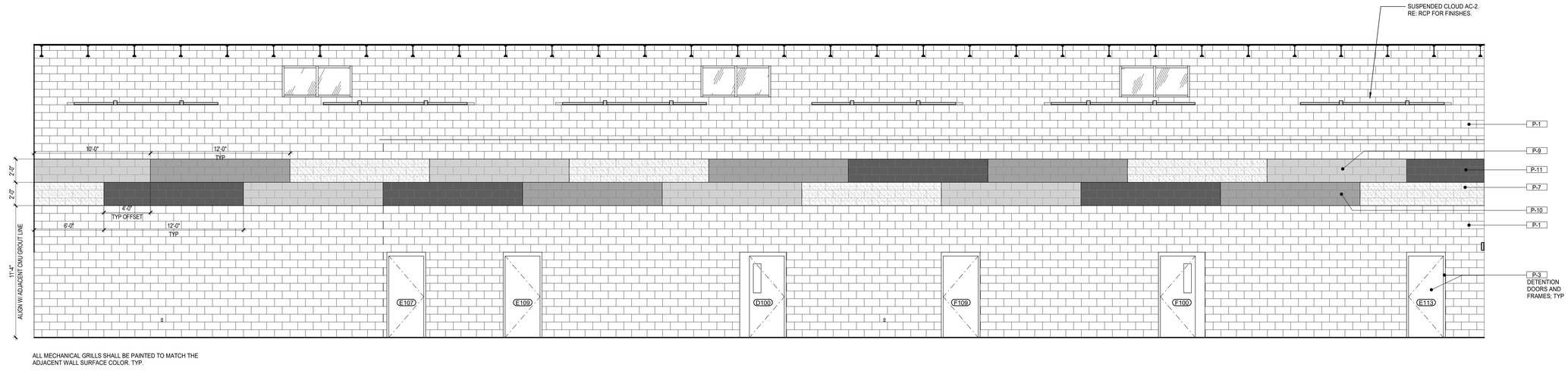
SHEET NUMBER
ID206



1 CORR. C118 - NORTH
1/4" = 1'-0"



2 CORR. C118 - SOUTH
1/4" = 1'-0"



3 CORR. C120 - NORTH
1/4" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/7/2026 2:56:36 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

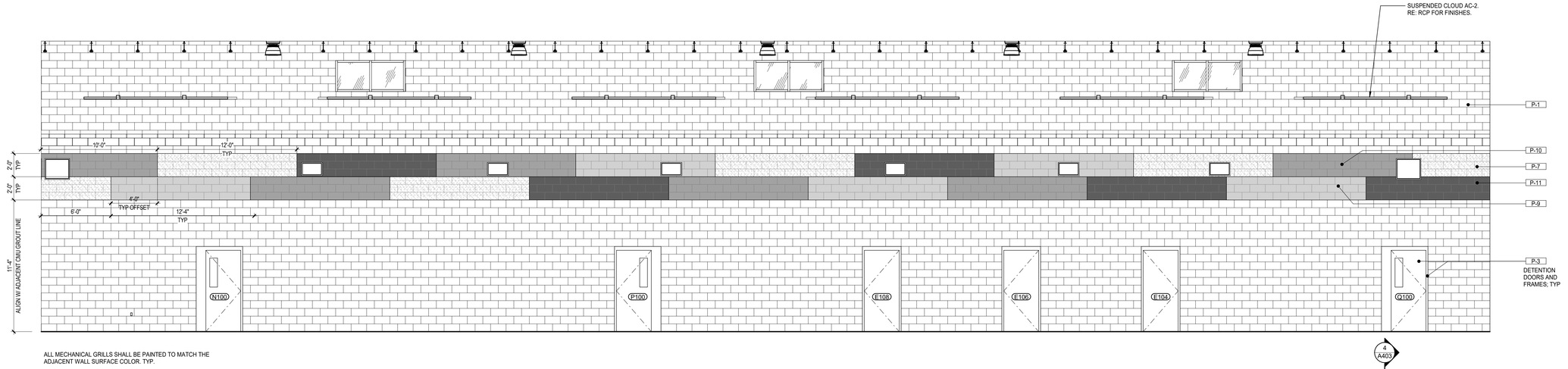
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D. : NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

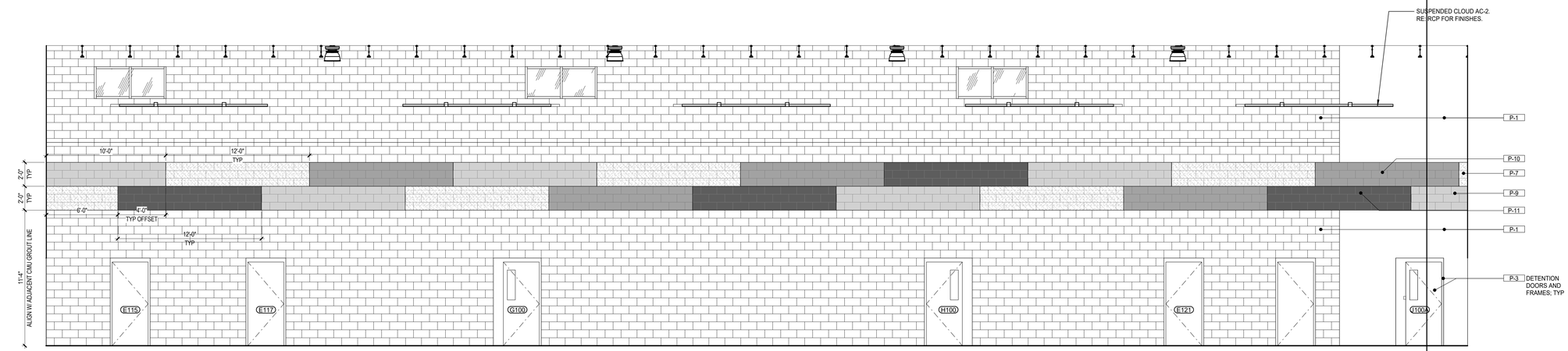
INTERIOR ELEVATIONS

SHEET NUMBER
ID207



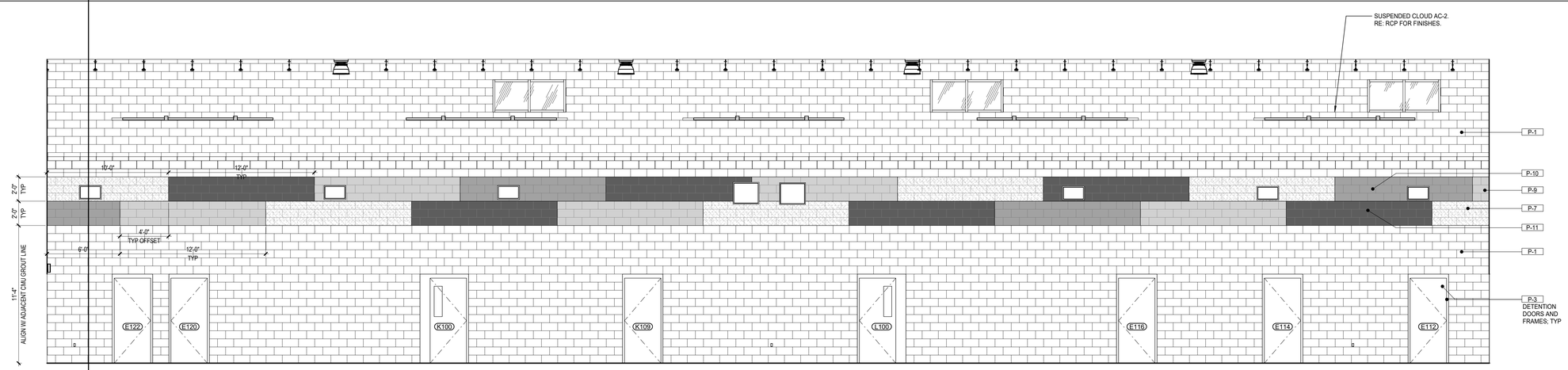
ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

1 CORR. C120 - SOUTH
1/4" = 1'-0"



ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

2 CORR. C122 - NORTH
1/4" = 1'-0"



ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR. TYP.

3 CORR. C122 - SOUTH
1/4" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:05:07 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

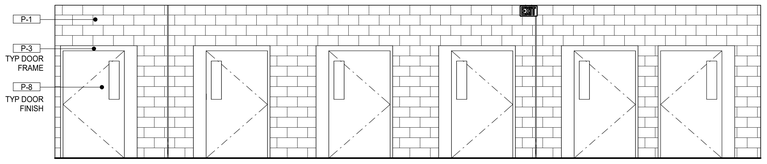
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

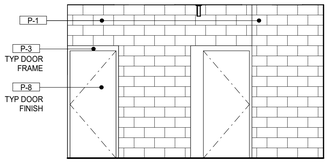
INTERIOR ELEVATIONS

SHEET NUMBER
ID208



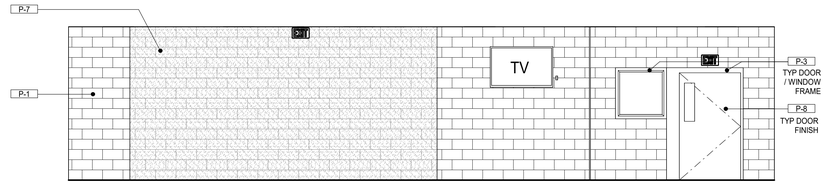
NOTES: BEDWARD DOORS TO BE PAINTED P-8 WITH P-3 DOOR FRAMES; TYP

1 BED WARD A125 - NORTH
1/4" = 1'-0"



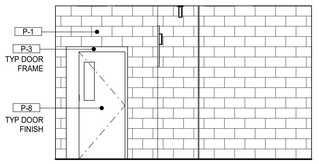
NOTES: BEDWARD DOORS TO BE PAINTED P-8 WITH P-3 DOOR FRAMES; TYP

2 BED WARD A125 - EAST
1/4" = 1'-0"



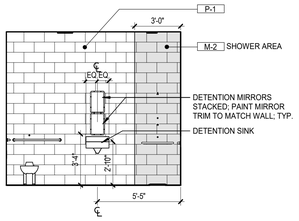
NOTES: BEDWARD DOORS TO BE PAINTED P-8 WITH P-3 DOOR FRAMES; TYP

3 BED WARD A125 - SOUTH
1/4" = 1'-0"

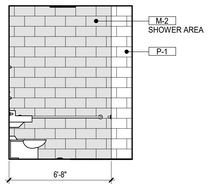


NOTES: BEDWARD DOORS TO BE PAINTED P-8 WITH P-3 DOOR FRAMES; TYP

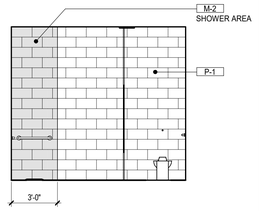
4 BED WARD A125 - WEST
1/4" = 1'-0"



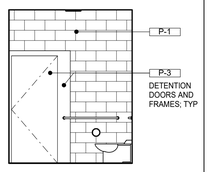
5 Y. RR A125H - NORTH
1/4" = 1'-0"



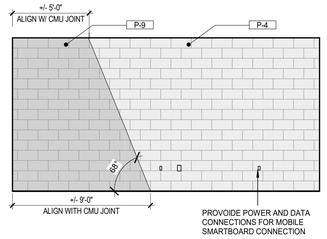
6 Y. RR A125H - EAST
1/4" = 1'-0"



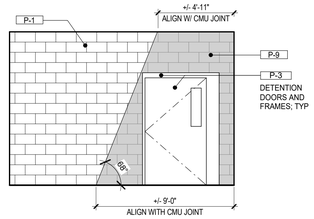
7 Y. RR A125H - SOUTH
1/4" = 1'-0"



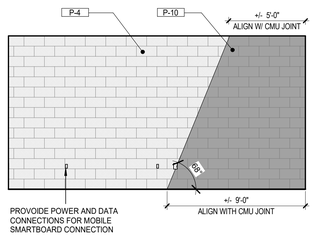
8 Y. RR A125H - WEST
1/4" = 1'-0"



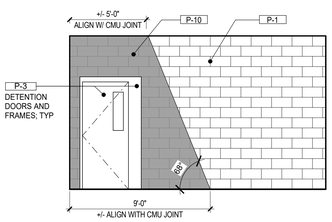
9 VOTECH CLASSROOM T108 - NORTH - P-9
1/4" = 1'-0"



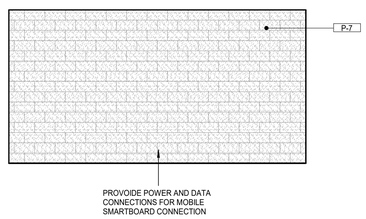
10 VOTECH CLASSROOM T108 - WEST - P-9
1/4" = 1'-0"



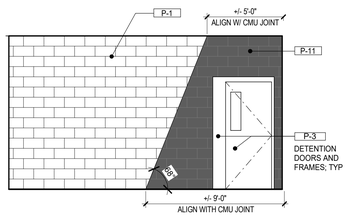
11 CLASSROOM 3 S137 - NORTH - P-10
1/4" = 1'-0"



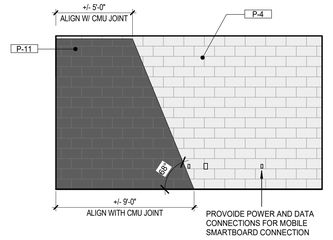
12 CLASSROOM 3 S137 - EAST - P-10
1/4" = 1'-0"



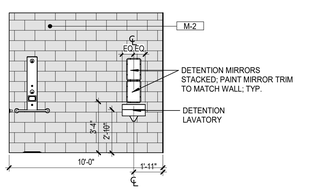
13 SPED CLASSROOM S131 - SOUTH
1/4" = 1'-0"



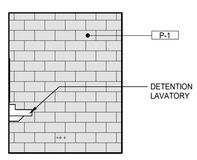
15 CLASSROOM 7 S102 - WEST - P-11
1/4" = 1'-0"



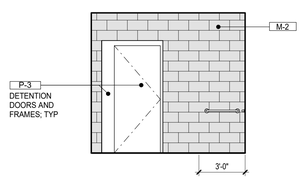
14 CLASSROOM 7 S102 - NORTH - P-11
1/4" = 1'-0"



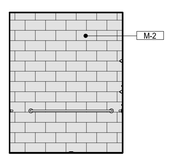
16 SHOWER - WET WALL - TYPICAL
1/4" = 1'-0"



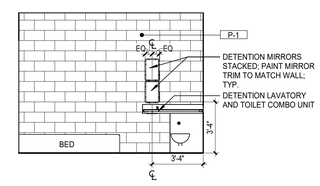
17 SHOWER - BLANK WALL - TYP
1/4" = 1'-0"



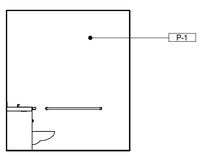
18 SHOWER - DOOR WALL - TYP
1/4" = 1'-0"



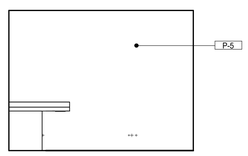
19 SHOWER - SHOWER WALL - TYP
1/4" = 1'-0"



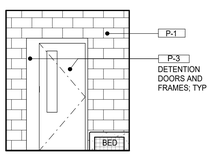
20 ADA SLEEP - BED WALL - TYP
1/4" = 1'-0"



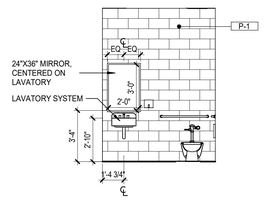
21 ADA SLEEP - TOILET WALL - TYP
1/4" = 1'-0"



22 ADA SLEEP - BLANK WALL - TYP
1/4" = 1'-0"



23 ADA SLEEP - DOOR WALL - TYP
1/4" = 1'-0"



24 RR R100B- NORTH
1/4" = 1'-0"

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

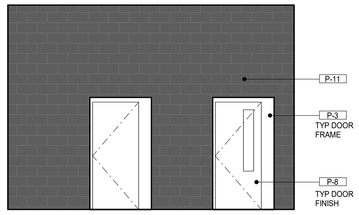
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR ELEVATIONS

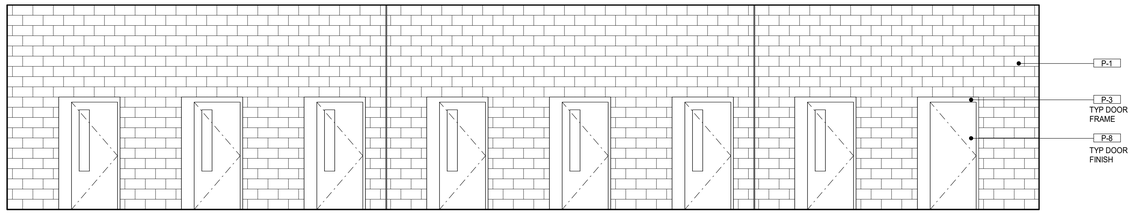
SHEET NUMBER
ID209

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:36:27 PM



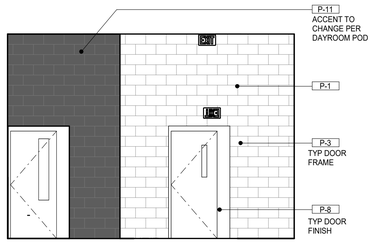
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

1 DAY ROOM H103 - OPP OF ENTRY (P-11)
1/4" = 1'-0"



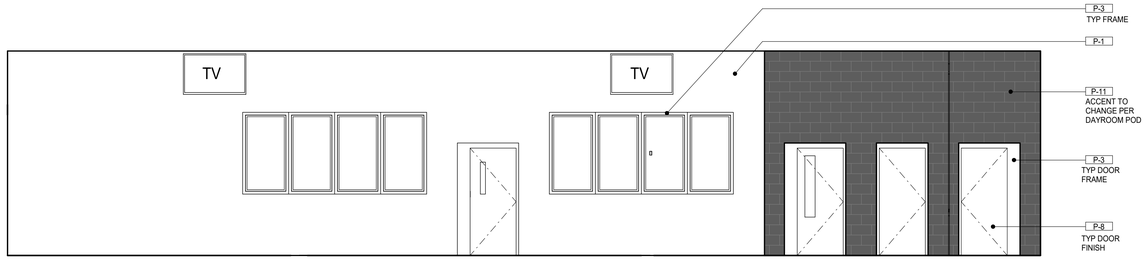
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

2 DAY ROOM H103 - SLEEP ENTRY WALL (P-11)
1/4" = 1'-0"



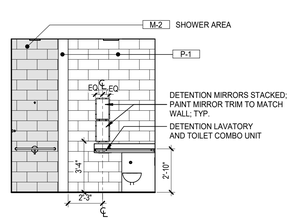
NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

3 DAY ROOM H103 - ENTRY WALL (P-11)
1/4" = 1'-0"

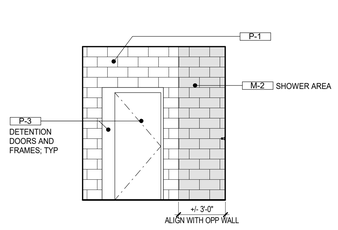


NOTE: DETENTION DOORS IN DAY ROOMS TO BE PAINTED P-8 WITH P-3 DOOR FRAME FINISH; TYP

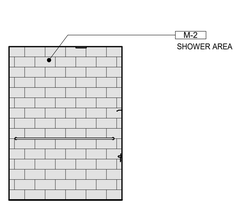
4 DAY ROOM H103 - EXTERIOR WALL (P-11)
1/4" = 1'-0"



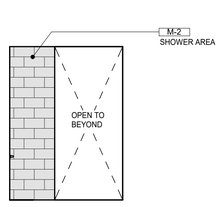
5 Y. RR A122 - WEST
1/4" = 1'-0"



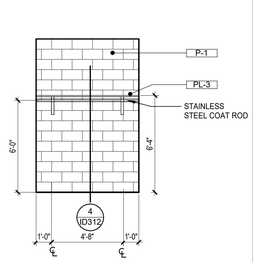
6 Y. RR A122 - EAST
1/4" = 1'-0"



7 Y. RR A122 - SOUTH
1/4" = 1'-0"



8 Y. RR A122 - NORTH
1/4" = 1'-0"



9 JACKET STO - A112 - EAST
1/4" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY SHALL BE PERMITTED TO REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

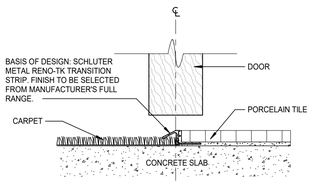
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

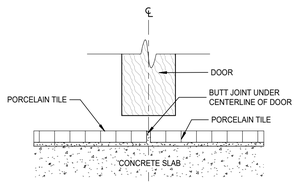
INTERIOR ELEVATIONS

SHEET NUMBER
ID210

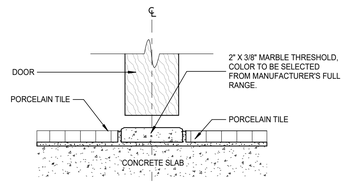
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:26:13 PM



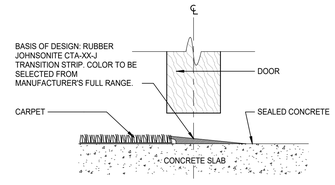
1 CARPET TO TILE
6" = 1'-0"



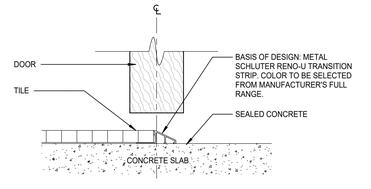
2 TILE TO TILE
6" = 1'-0"



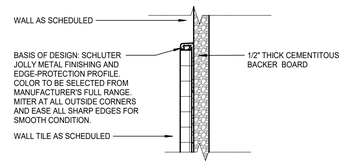
3 TILE TO TILE @ RESTROOM
6" = 1'-0"



4 CARPET TO SEALED CONCRETE
6" = 1'-0"



5 TILE TO SEALED CONCRETE
6" = 1'-0"



6 WALL TILE WAINSCOTT
6" = 1'-0"

7 WALL TILE OUTSIDE CORNER
6" = 1'-0"

8 FLOOR TILE TO WALL TILE
6" = 1'-0"

9 TYP. WOOD BASE DETAIL
6" = 1'-0"

10 METAL REVEAL - PAINT CHANGE
6" = 1'-0"

11 DRAIN & WATER PROOFING MEMBRANE
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:26:16 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

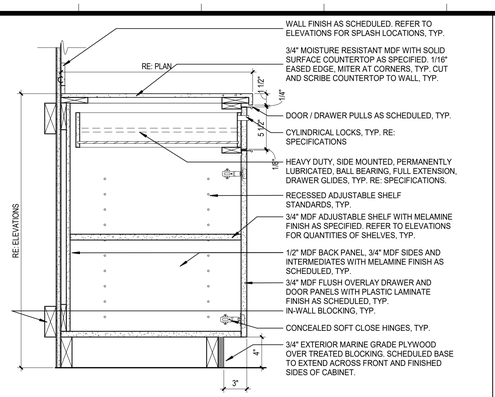
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

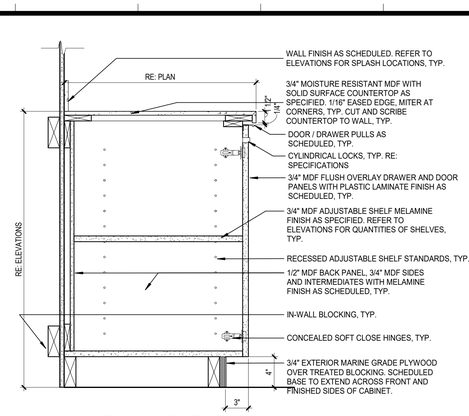
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR DETAILS

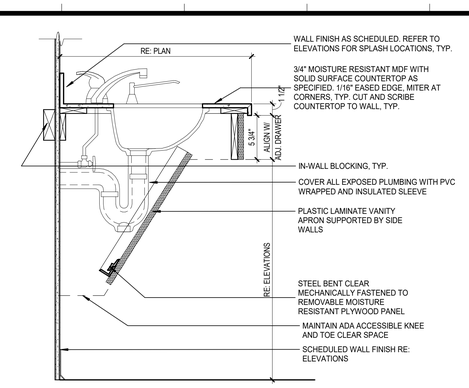
SHEET NUMBER
ID301



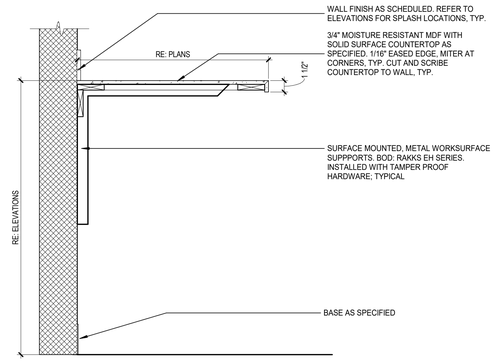
1 BASE CAB - SSM TOP - DRAWER & DOOR
1 1/2" = 1'-0"



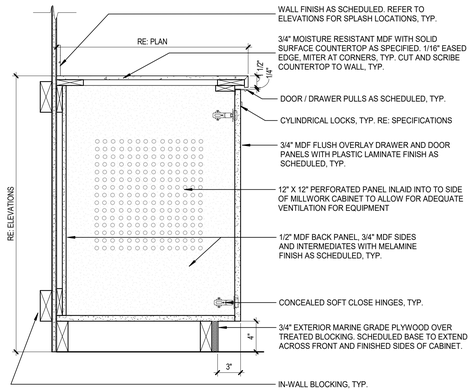
2 BASE CAB - SSM TOP - DOOR
1 1/2" = 1'-0"



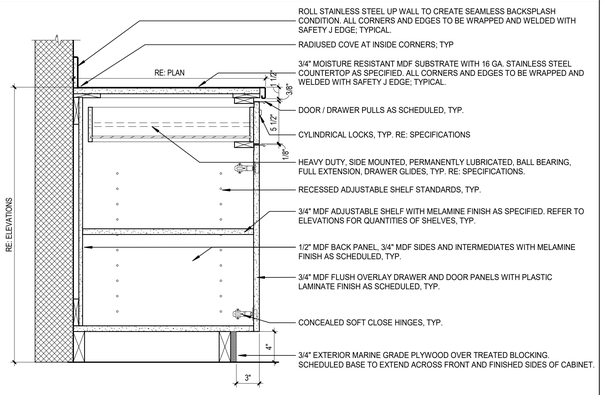
3 BASE CAB - SSM TOP - SINK 1-1/2" EDGE PLAM APRON
1 1/2" = 1'-0"



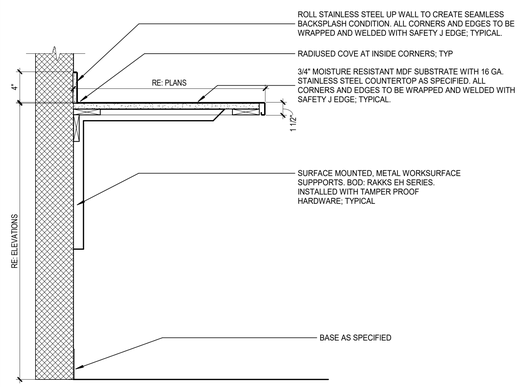
4 BASE CAB - SSM TOP - OPEN BELOW
1 1/2" = 1'-0"



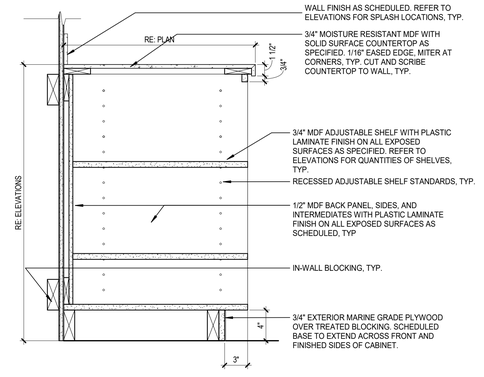
5 BASE CAB - SSM TOP - DOOR W/VENT
1 1/2" = 1'-0"



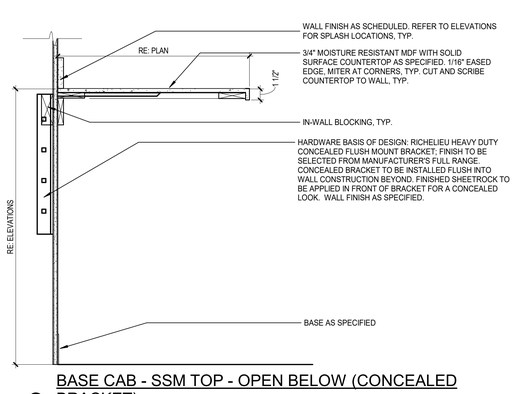
6 BASE CAB - SS TOP- DRAWER & DOOR
1 1/2" = 1'-0"



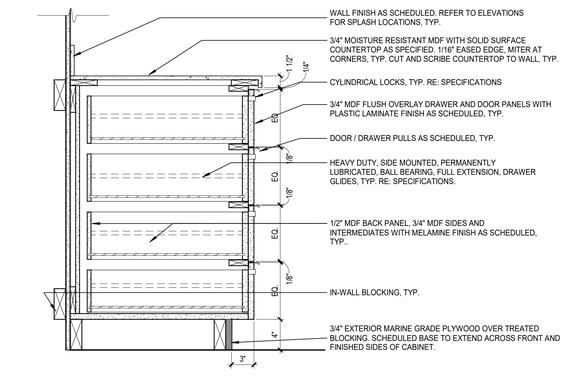
7 BASE CAB - SS TOP - OPEN BELOW
1 1/2" = 1'-0"



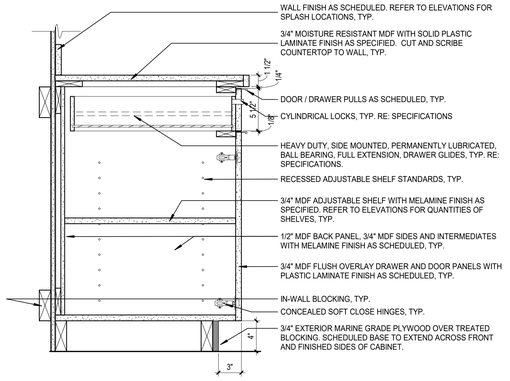
8 BASE CAB - SSM TOP - OPEN SHELVES
1 1/2" = 1'-0"



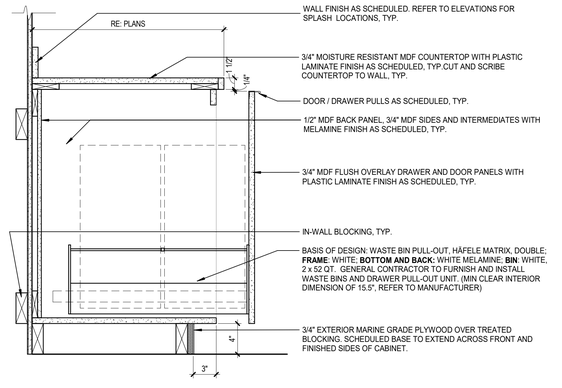
9 BASE CAB - SSM TOP - OPEN BELOW (CONCEALED BRACKET)
1 1/2" = 1'-0"



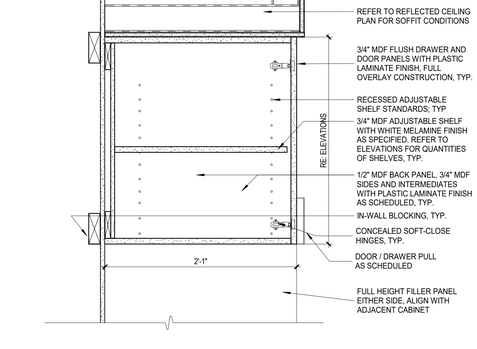
10 BASE CAB - SSM TOP - 4 EQ DRAWER
1 1/2" = 1'-0"



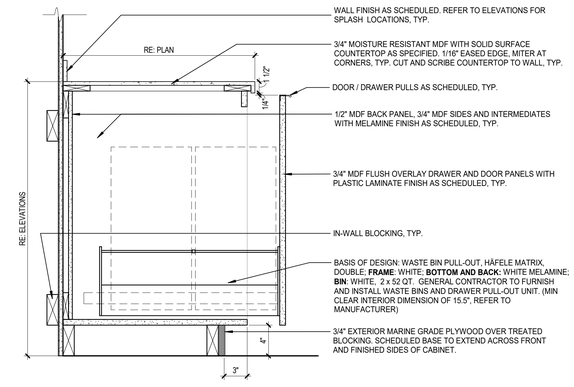
11 BASE CAB - PLAM TOP - DRAWER & DOOR
1 1/2" = 1'-0"



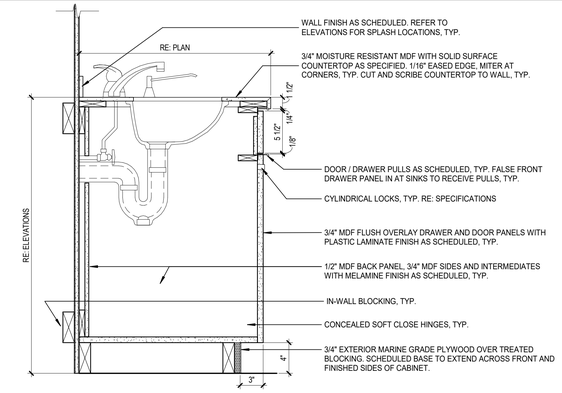
12 BASE CAB - PLAM TOP - PULL OUT TRASH DOUBLE
1 1/2" = 1'-0"



13 UPPER CAB - DOOR ABOVE FRIDGE
1 1/2" = 1'-0"



14 BASE CAB - SSM TOP - PULL OUT TRASH DOUBLE
1 1/2" = 1'-0"



16 BASE CAB - SSM TOP - SINK 1-1/2" EDGE CAB BELOW
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/15/2025 1:35:18 PM

Grace Design Studios

GERARD DAVID HEBERT II
LICENSE No. 41304
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

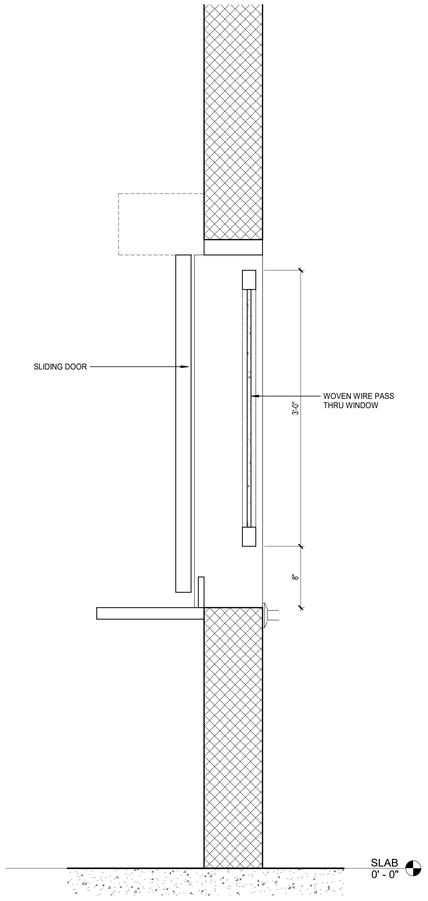
PROJECT NO: 08-403-04-02, Part 09 (F 08000078) &
08-403-24-01, F 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

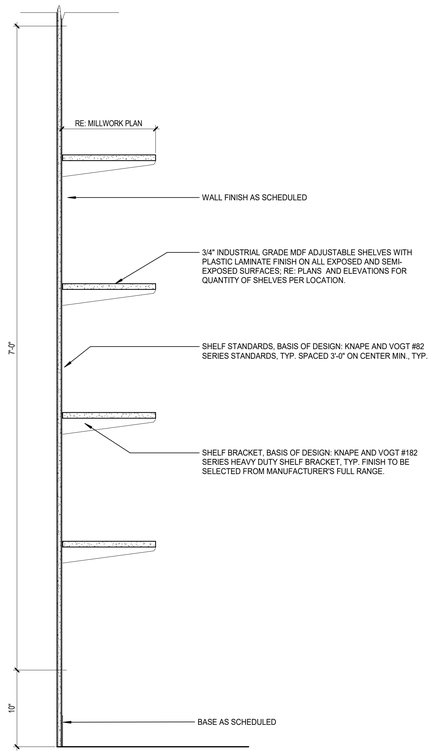
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR MILLWORK DETAILS

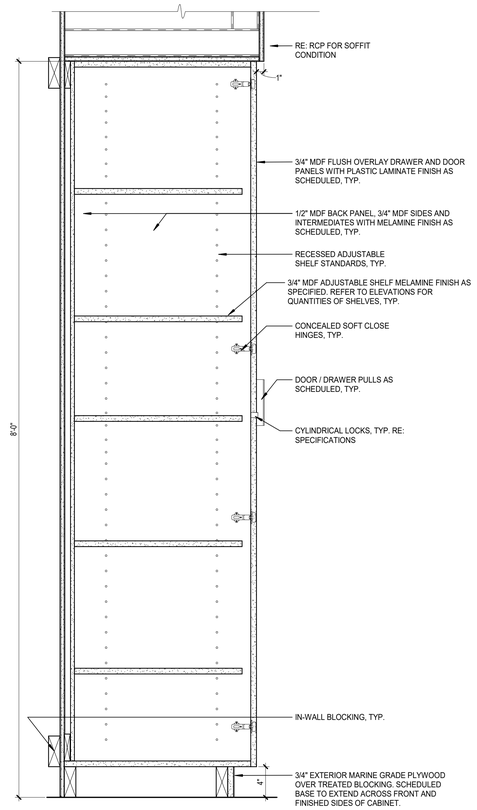
SHEET NUMBER
ID310



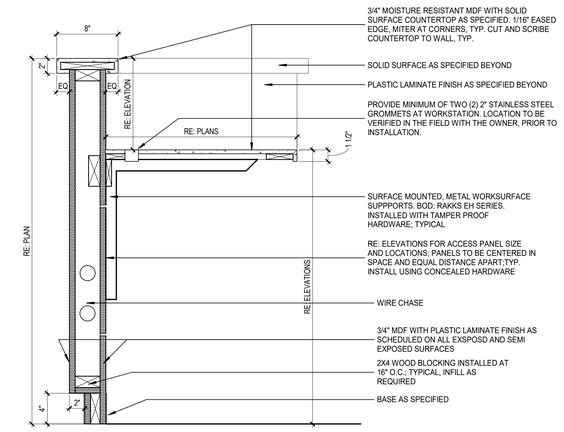
1 TRANSACTION COUNTER - SS TOP - OPEN BELOW
1 1/2" = 1'-0"



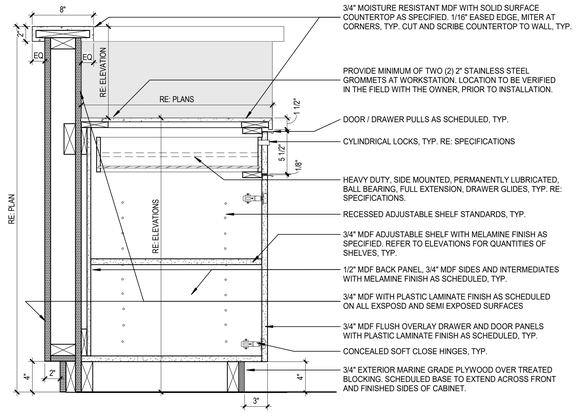
2 ADJUSTABLE P. LAM SHELVING
1 1/2" = 1'-0"



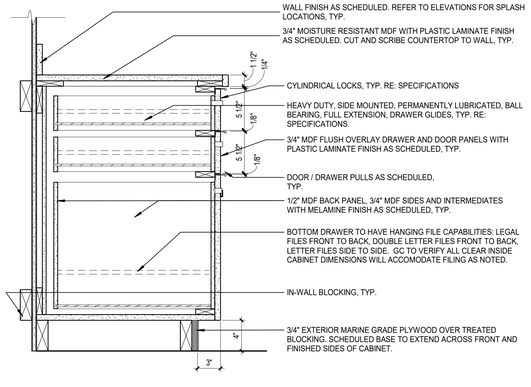
3 TOWER - DOOR
1 1/2" = 1'-0"



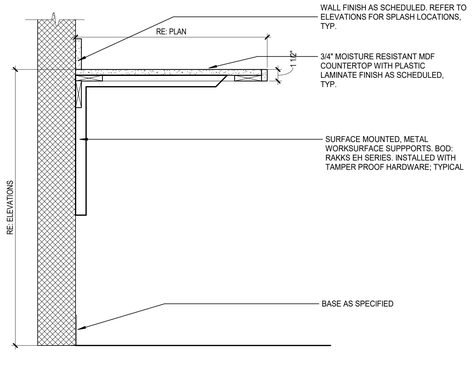
4 CONTROL DESK - OPEN BELOW
1 1/2" = 1'-0"



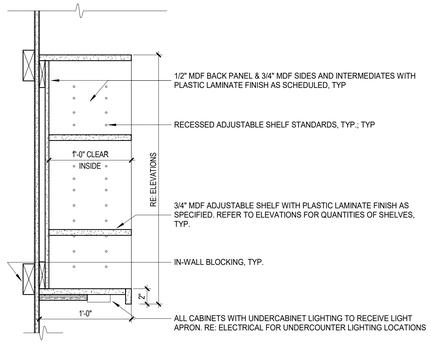
5 CONTROL DESK - DRAWER AND DOOR - VENTED
1 1/2" = 1'-0"



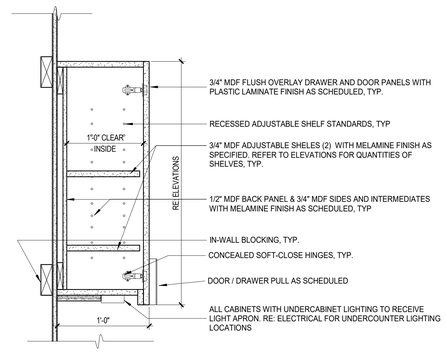
6 BASE CAB - PLAM TOP - BOX BOX FILE
1 1/2" = 1'-0"



7 BASE CAB - PLAM TOP - OPEN BELOW
1 1/2" = 1'-0"



8 UPPER CAB - OPEN SHELVES
1 1/2" = 1'-0"



9 UPPER CAB - DOOR
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:26:19 PM

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE, CONSTRUCTION MANAGER OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

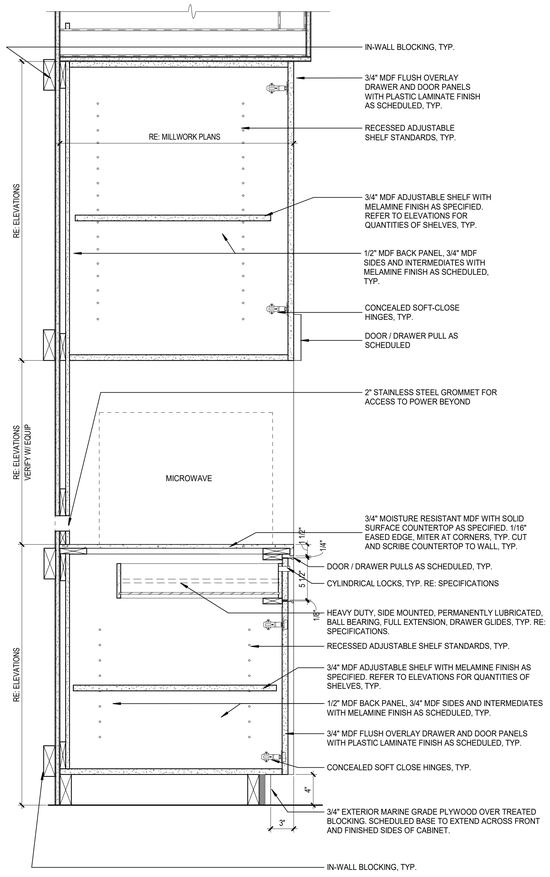
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

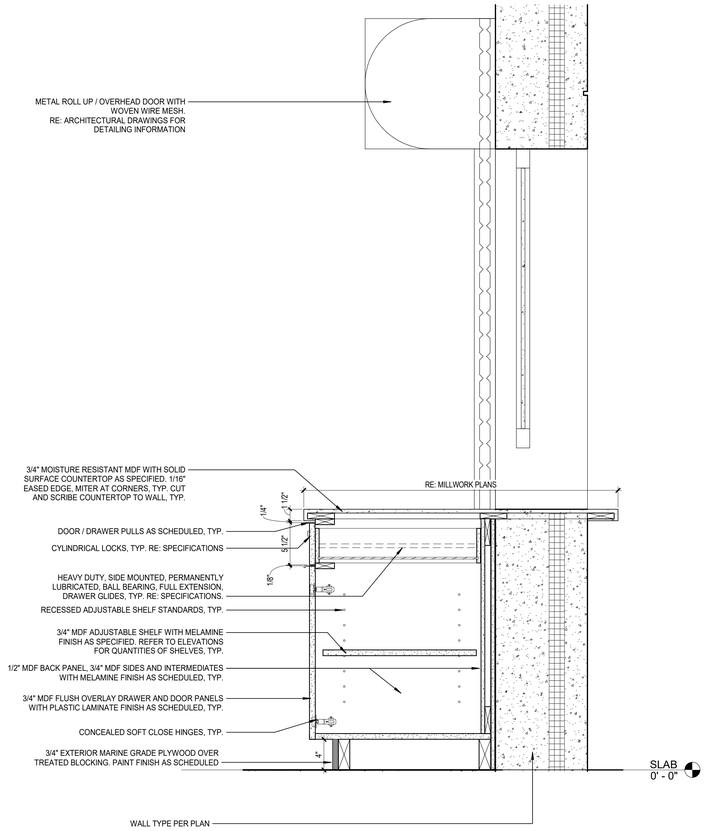
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

INTERIOR MILLWORK DETAILS

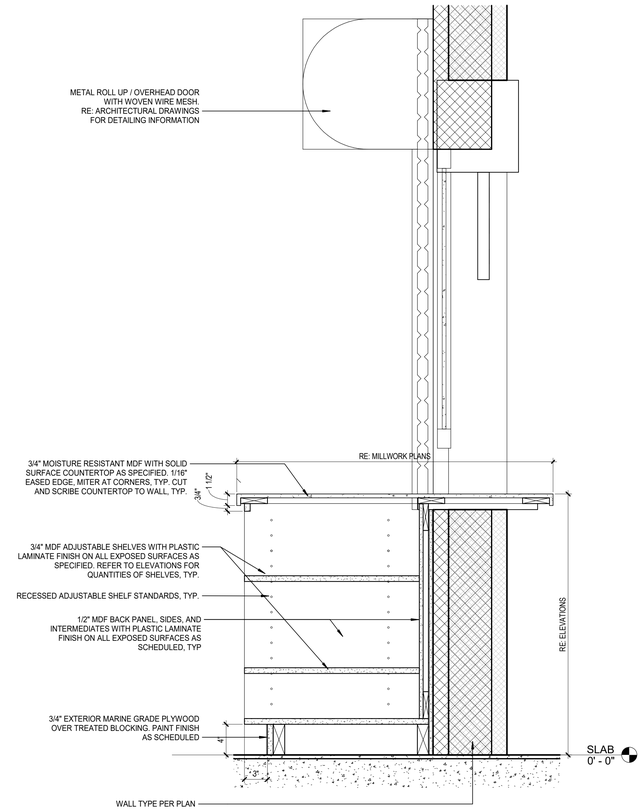
SHEET NUMBER
ID311



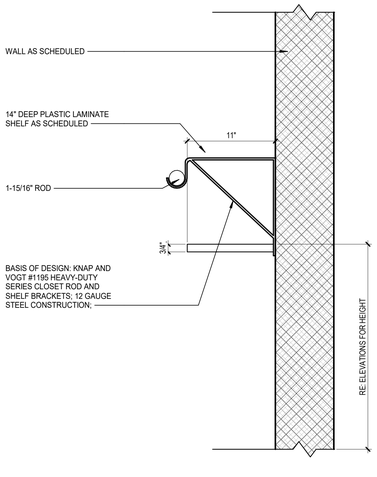
1 TOWER - MICROWAVE TOWER OPEN BELOW
1 1/2" = 1'-0"



2 SNACK J110 - BASE CAB - DRAWER & DOOR - ROLL UP DOOR
1 1/2" = 1'-0"



3 SNACK J110 - BASE CAB - OPEN SHELVES - ROLL UP DOOR
1 1/2" = 1'-0"



4 CLOSET ROD AND SHELF BRACKET
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 2:26:19 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

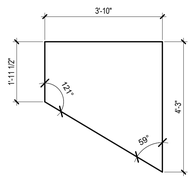
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

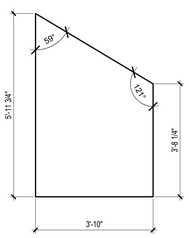
INTERIOR MILLWORK DETAILS

SHEET NUMBER

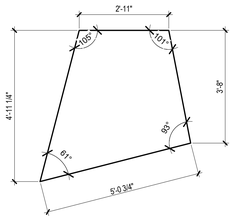
ID312



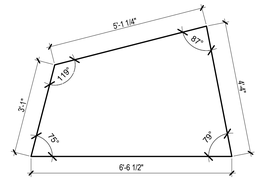
1 M-3
1/2" = 1'-0"



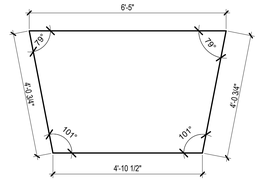
2 M-4
1/2" = 1'-0"



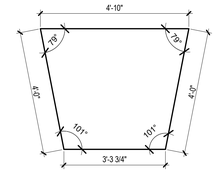
3 M-5
1/2" = 1'-0"



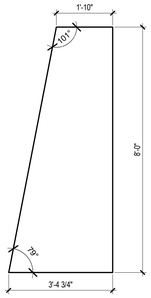
4 M-6
1/2" = 1'-0"



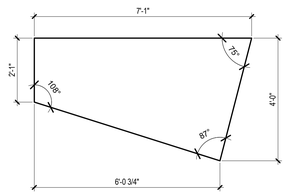
5 M-7
1/2" = 1'-0"



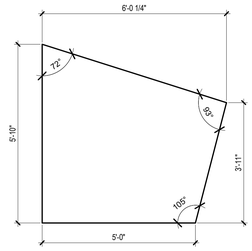
6 M-8
1/2" = 1'-0"



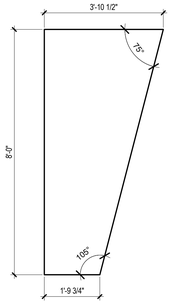
7 M-9
1/2" = 1'-0"



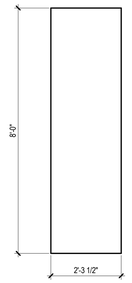
8 M-10
1/2" = 1'-0"



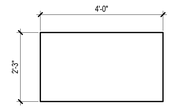
9 M-11
1/2" = 1'-0"



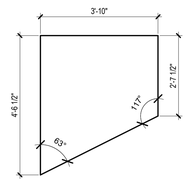
10 M-12
1/2" = 1'-0"



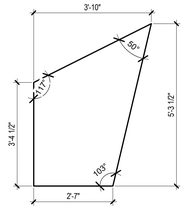
11 M-13
1/2" = 1'-0"



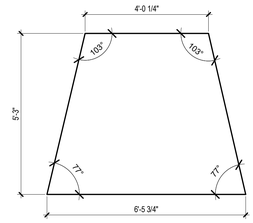
12 M-14
1/2" = 1'-0"



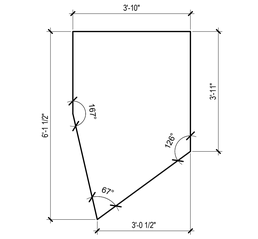
13 M-15
1/2" = 1'-0"



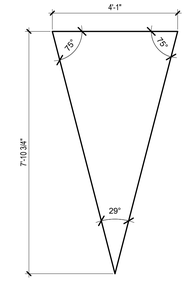
14 M-16
1/2" = 1'-0"



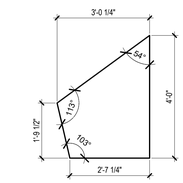
15 M-17
1/2" = 1'-0"



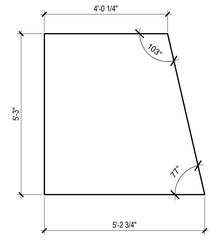
16 M-18
1/2" = 1'-0"



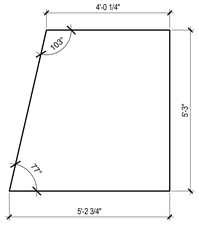
17 M-19
1/2" = 1'-0"



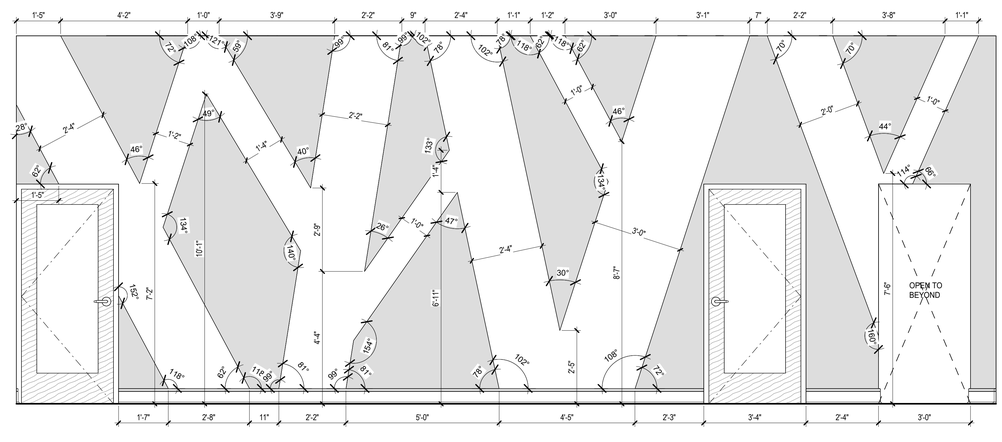
18 M-20
1/2" = 1'-0"



19 M-21
1/2" = 1'-0"



20 M-22
1/2" = 1'-0"



21 LOBBY B100 - WEST - SPECIALTY WALL
1/2" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

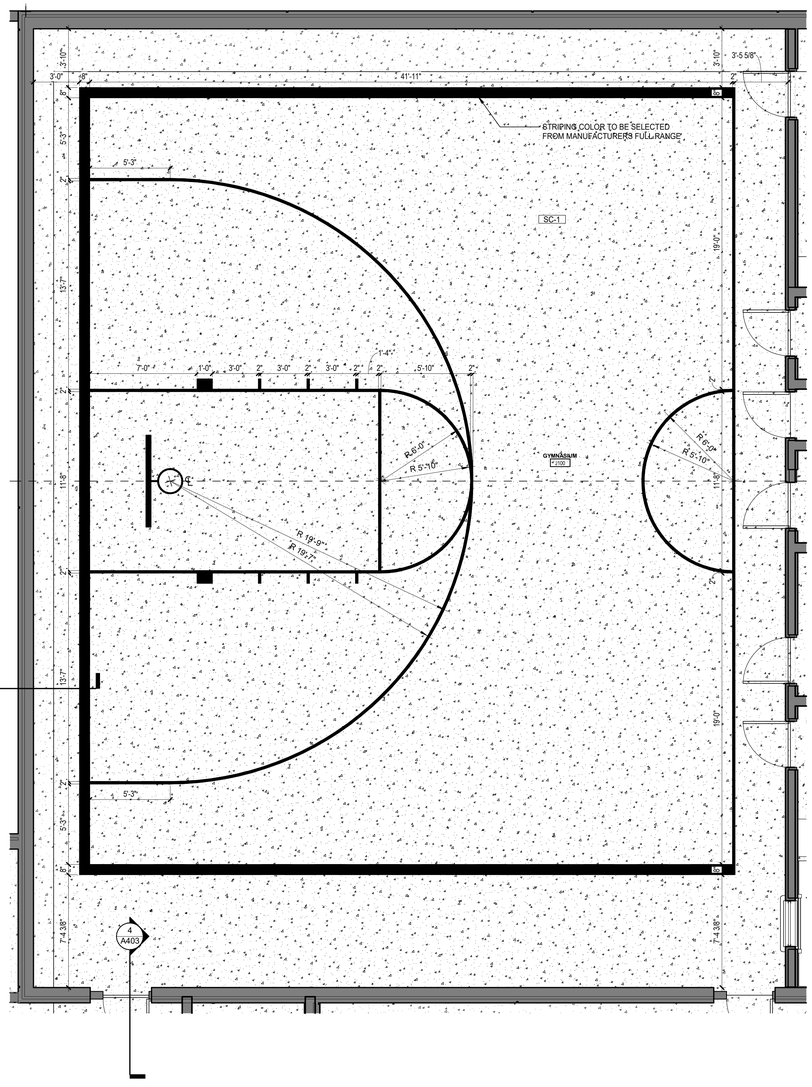
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

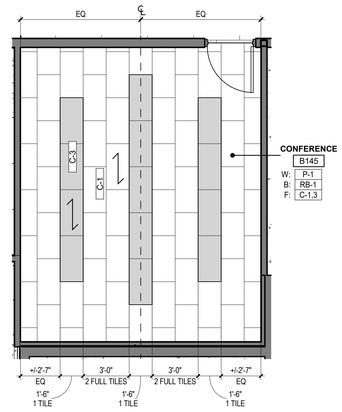
ENLARGED INTERIOR DRAWINGS

SHEET NUMBER
ID401

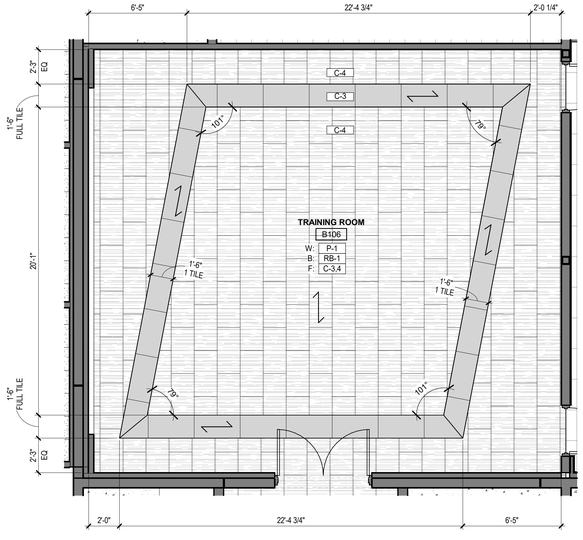
Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:58:21 PM



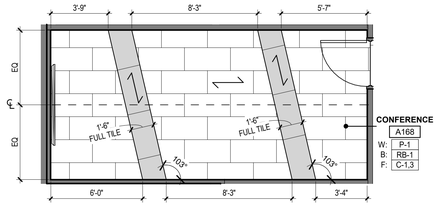
1 ENLARGED COURT STRIPING PLAN - GYMNASIUM
1/4" = 1'-0"



2 ENLARGED FINISH PLAN - CONFERENCE ROOM B145
1/4" = 1'-0"



3 ENLARGED FINISH PLAN - TRAINING ROOM
1/4" = 1'-0"



4 ENLARGED FINISH PLAN - CONFERENCE A168
1/4" = 1'-0"

Grace
Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

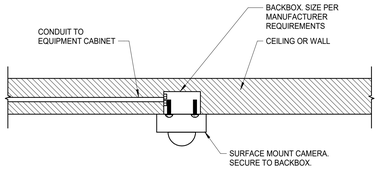
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ENLARGED INTERIOR DRAWINGS

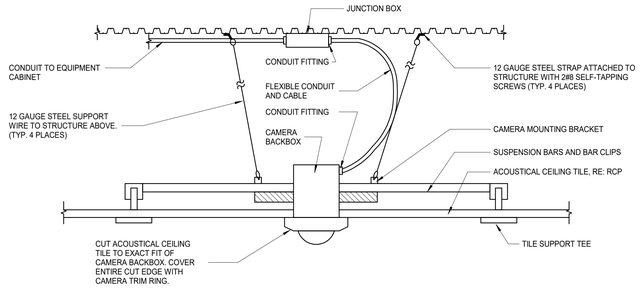
SHEET NUMBER
ID402

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:26:37 PM

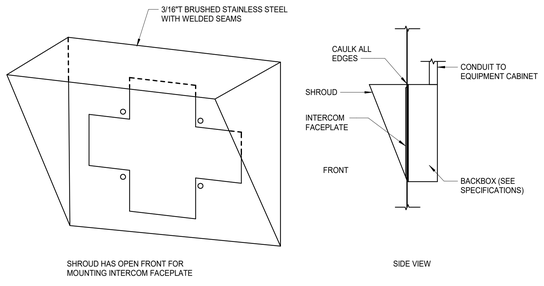


NOTES: ROTATE DETAIL 90 DEGRESS FOR WALL MOUNT CONFIGURATION.

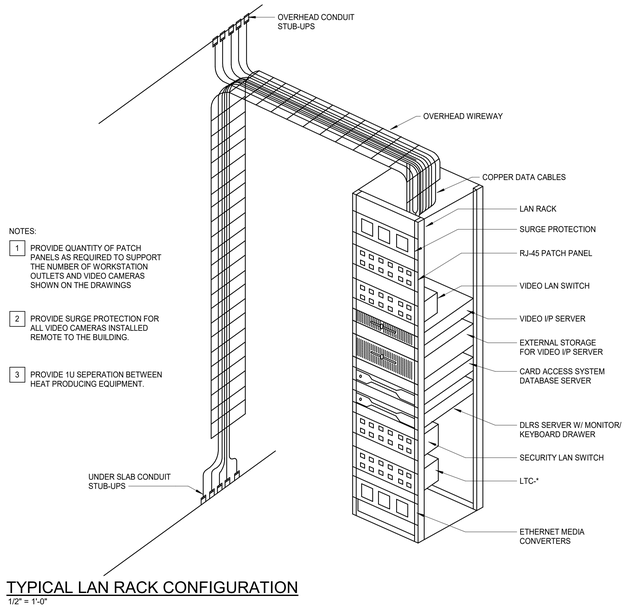
1 CCTV WALL OR CEILING SURFACE MOUNTING DETAIL CAMERA TYPE A
1/2" = 1'-0"



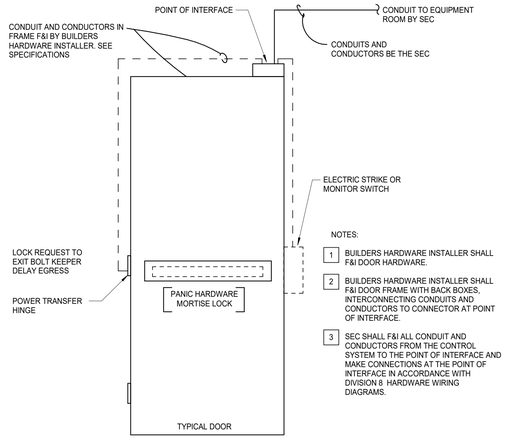
2 CCTV CEILING MOUNTING DETAIL CAMERA TYPE B
1/2" = 1'-0"



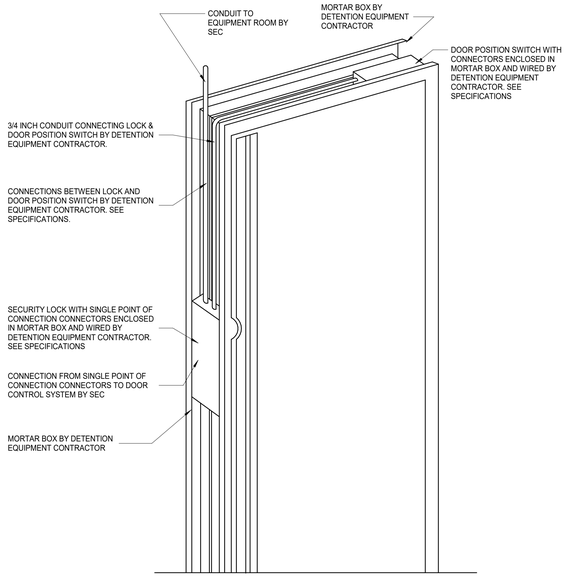
3 EXTERIOR TYPE "A" WALL/PEDESTAL MOUNTED INTERCOM WEATHER SHROUD DETAIL
1/2" = 1'-0"



4 TYPICAL LAN RACK CONFIGURATION
1/2" = 1'-0"



5 DOOR CONTROL INTERFACE - DELINEATION OF RESPONSIBLITIES BUILDERS HARDWARE LOCKS1
1/2" = 1'-0"



6 DOOR CONTROL INTERFACE - DELINEATION OF RESPONSIBLITIES ELECTROMECHANICAL LOCKS
1/2" = 1'-0"

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

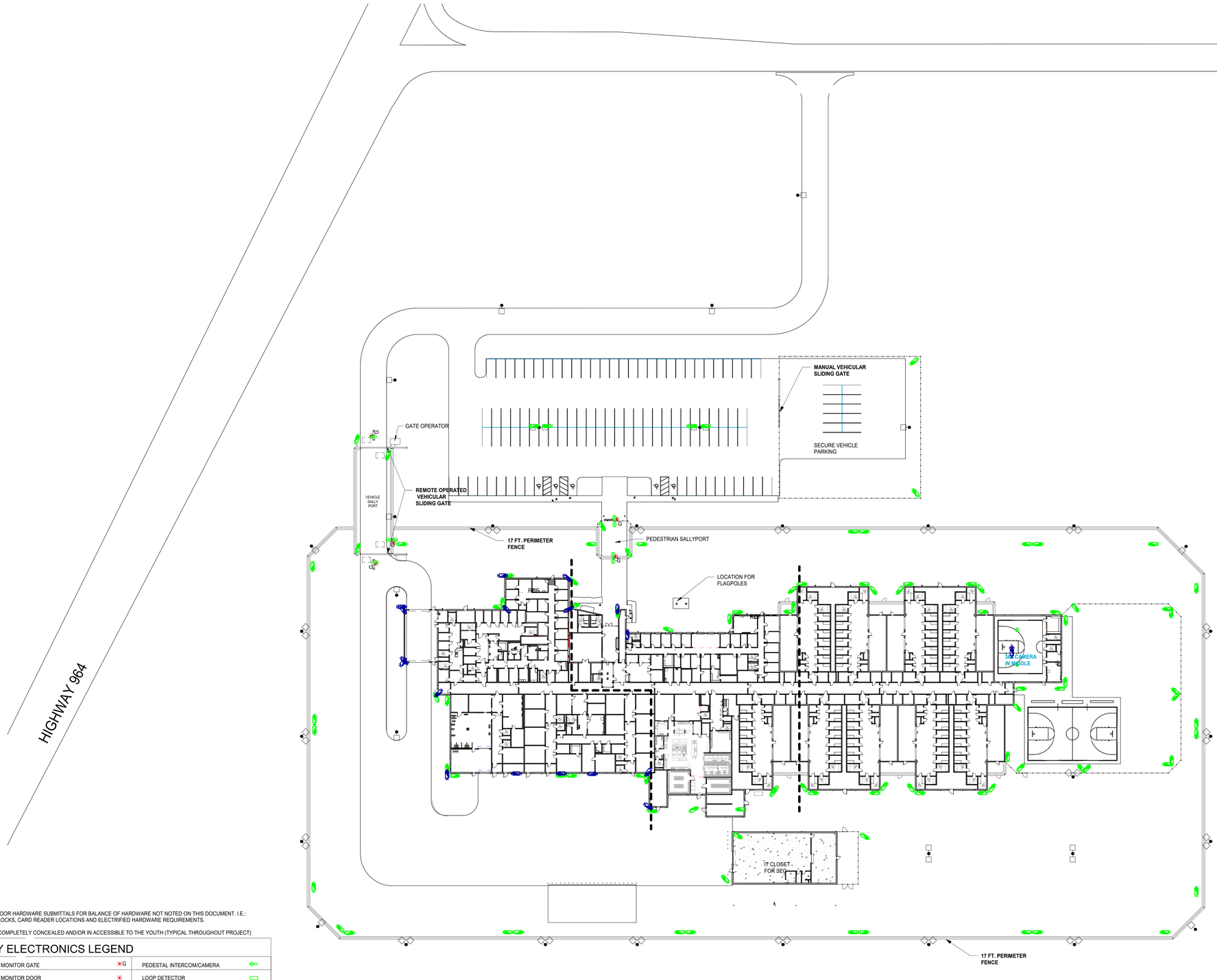
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SECURITY ELECTRONICS - TYPICAL DETAILS

SHEET NUMBER
SE100

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/10/2025 1:58:58 PM



N

1 SITE PLAN SECURITY ELECTRONICS PLAN

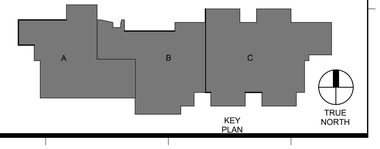
1" = 40'-0"

REFER TO APPROVED DOOR HARDWARE SUBMITTALS FOR BALANCE OF HARDWARE NOT NOTED ON THIS DOCUMENT. I.E.: ELECTRIFIED MORTISE LOCKS, CARD READER LOCATIONS AND ELECTRIFIED HARDWARE REQUIREMENTS.

ALL CONDUIT MUST BE COMPLETELY CONCEALED AND/OR IN ACCESSIBLE TO THE YOUTH (TYPICAL THROUGHOUT PROJECT)

SECURITY ELECTRONICS LEGEND

DETENTION CONTROL & MONITOR GATE	G	PEDESTAL INTERCOM/CAMERA	
DETENTION CONTROL & MONITOR DOOR		LOOP DETECTOR	
COMMERCIAL CONTROL DOOR W/ CARD READER		DURESS BUTTON	
COMMERCIAL CONTROL DOOR W/ CARD READER AND ALARM	A	FIXED INDOOR IP CAM	
MONITOR DOOR		FIXED OUTDOOR IP CAM	
TOUCHSCREEN	TS	PAN/TILT/ZOOM OUTDOOR IP CAM	
SECURITY EQUIPMENT CABINETS	SE	SECURE PERIMETER	
INTERCOM			
PAGING SPEAKER RECESSED			
PAGING HORN			



KEY PLAN

TRUE NORTH

Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_23.rvt
4/1/2026 1:28:59 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN REPRODUCTION COMPANY OR PRINT REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

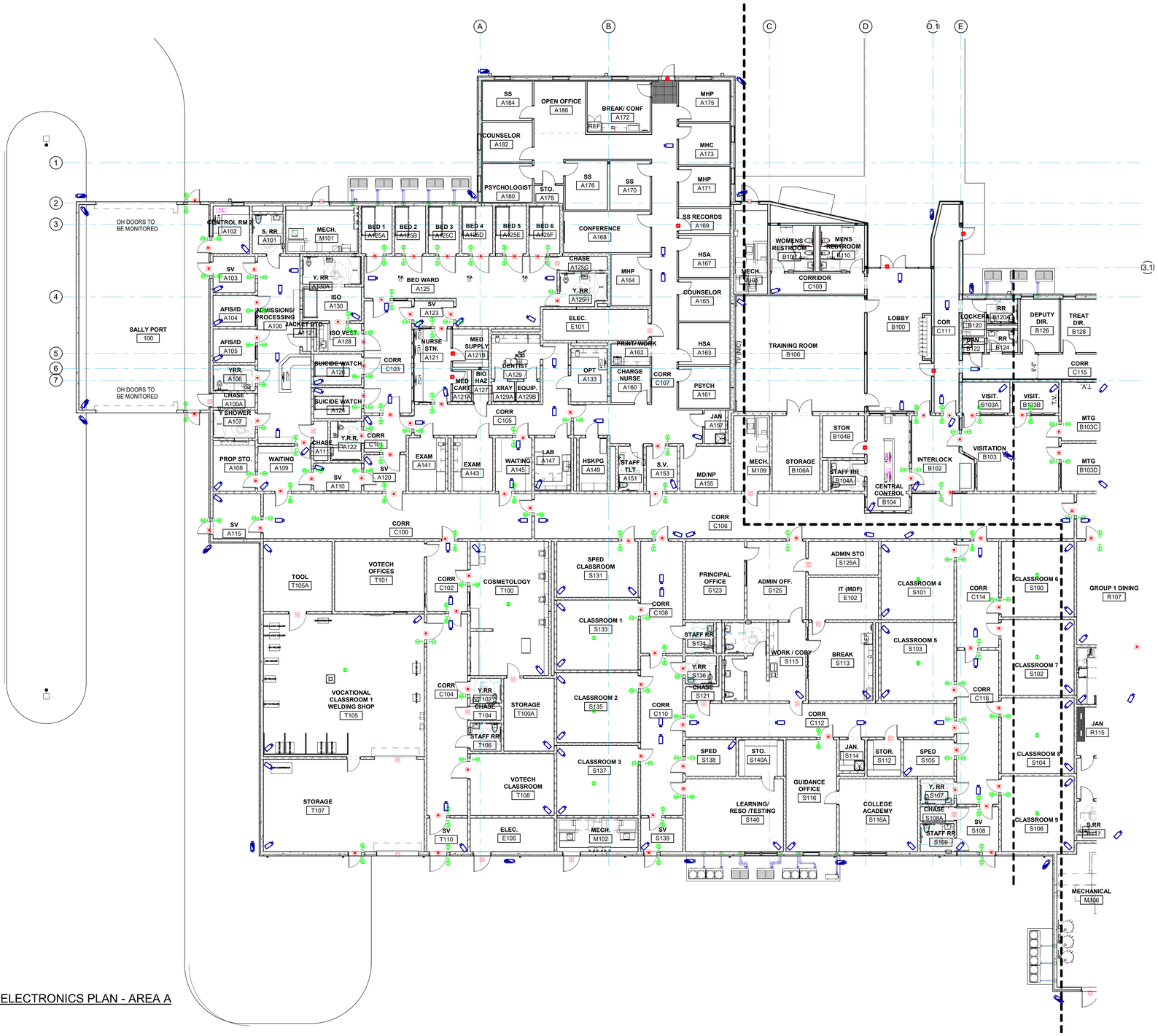
ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

SECURITY ELECTRONICS - OVERALL SITE PLAN

SHEET NUMBER

SE101



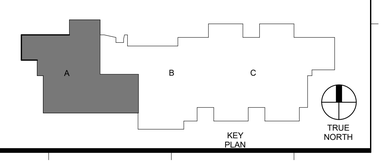
1 SECURITY ELECTRONICS PLAN - AREA A
3/32" = 1'-0"

REFER TO APPROVED DOOR HARDWARE SUBMITTALS FOR BALANCE OF HARDWARE NOT NOTED ON THIS DOCUMENT. I.E.: ELECTRIFIED MORTISE LOCKS, CARD READER LOCATIONS AND ELECTRIFIED HARDWARE REQUIREMENTS.

ALL CONDUIT MUST BE COMPLETELY CONCEALED AND/OR IN ACCESSIBLE TO THE YOUTH (TYPICAL THROUGHOUT PROJECT)

SECURITY ELECTRONICS LEGEND

DETENTION CONTROL & MONITOR GATE	G	PEDESTAL INTERCOM/CAMERA	
DETENTION CONTROL & MONITOR DOOR		LOOP DETECTOR	
COMMERCIAL CONTROL DOOR W/ CARD READER		DURESS BUTTON	
COMMERCIAL CONTROL DOOR W/ CARD READER AND ALARM	A	FIXED INDOOR IP CAM	
MONITOR DOOR		FIXED OUTDOOR IP CAM	
TOUCHSCREEN	TS	PAN/TILT/ZOOM OUTDOOR IP CAM	
SECURITY EQUIPMENT CABINETS	SE #1	SECURE PERIMETER	
INTERCOM			
PAGING SPEAKER RECESSED			
PAGING HORN			



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:20:09 PM

Grace Design Studios

GERALD DAVID HEBERT II LICENSE No. 41707 STATE OF LOUISIANA REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

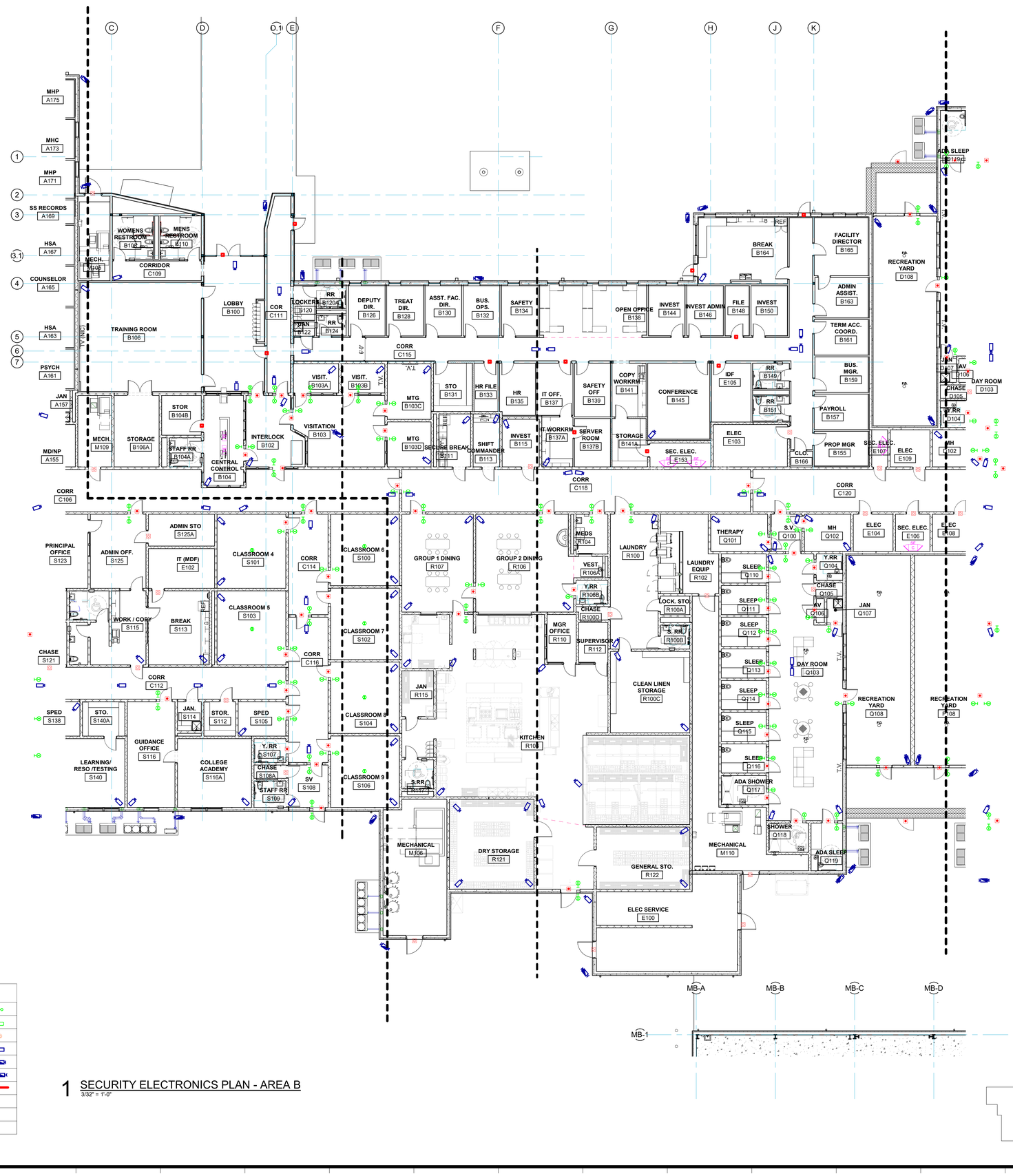
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SECURITY ELECTRONICS - FLOOR PLAN - SECTOR A

SHEET NUMBER

SE102



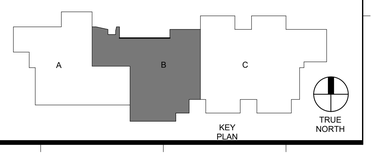
REFER TO APPROVED DOOR HARDWARE SUBMITTALS FOR BALANCE OF HARDWARE NOT NOTED ON THIS DOCUMENT. I.E.: ELECTRIFIED MORTISE LOCKS, CARD READER LOCATIONS AND ELECTRIFIED HARDWARE REQUIREMENTS.

ALL CONDUIT MUST BE COMPLETELY CONCEALED AND/OR IN ACCESSIBLE TO THE YOUTH (TYPICAL THROUGHOUT PROJECT)

SECURITY ELECTRONICS LEGEND

DETENTION CONTROL & MONITOR GATE	G	PEDESTAL INTERCOM/CAMERA	
DETENTION CONTROL & MONITOR DOOR		LOOP DETECTOR	
COMMERCIAL CONTROL DOOR W/ CARD READER		DURESS BUTTON	
COMMERCIAL CONTROL DOOR W/ CARD READER AND ALARM	A	FIXED INDOOR IP CAM	
MONITOR DOOR		FIXED OUTDOOR IP CAM	
TOUCHSCREEN	TS	PAN/TILT/ZOOM OUTDOOR IP CAM	
SECURITY EQUIPMENT CABINETS	SE SC	SECURE PERIMETER	
INTERCOM			
PAGING SPEAKER RECESSED			
PAGING HORN			

1 SECURITY ELECTRONICS PLAN - AREA B
3/32" = 1'-0"



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 1:27:59 PM

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

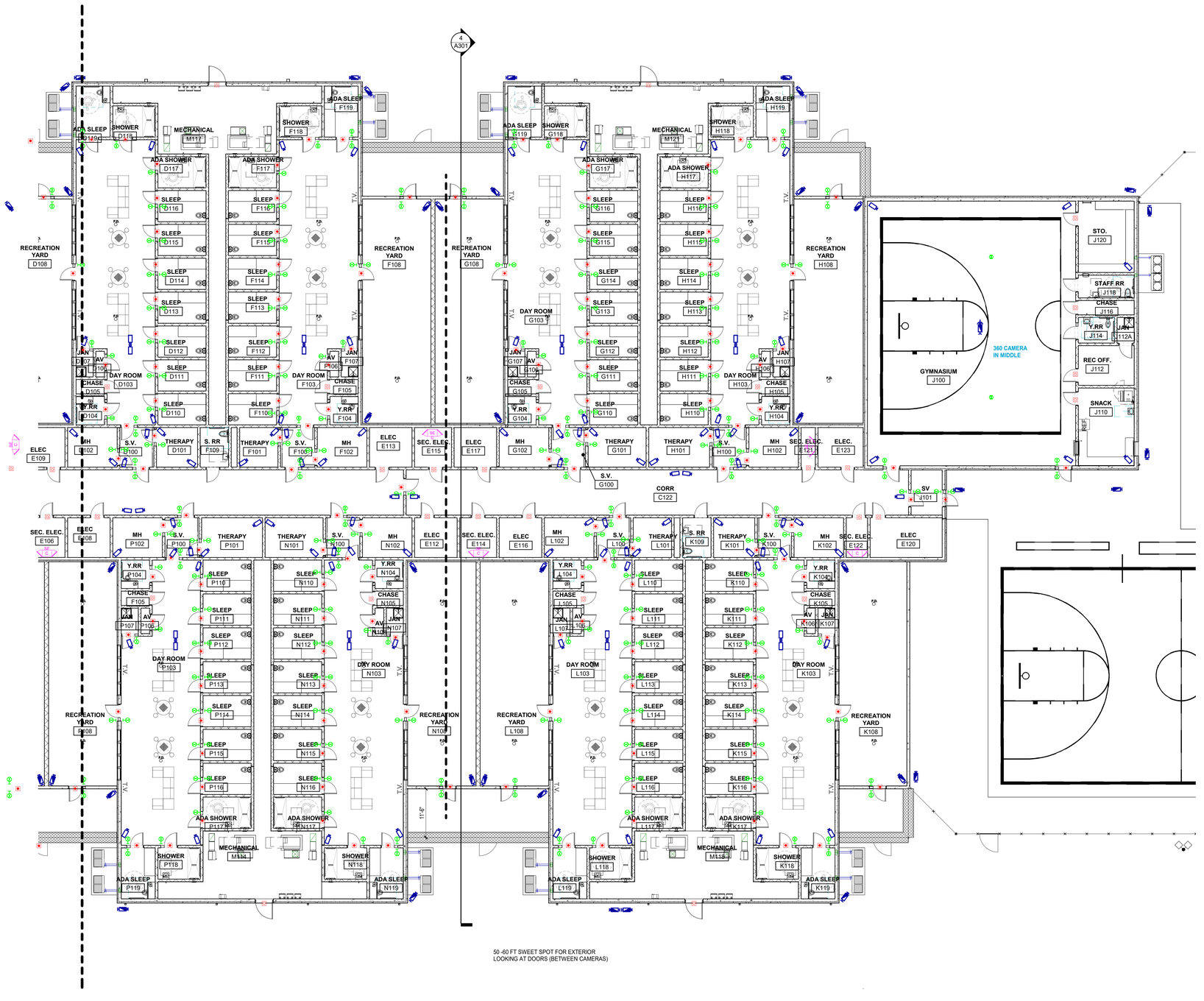
PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SECURITY ELECTRONICS - FLOOR PLAN - SECTOR B

SHEET NUMBER
SE103



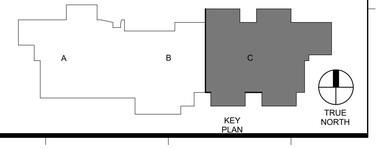
REFER TO APPROVED DOOR HARDWARE SUBMITTALS FOR BALANCE OF HARDWARE NOT NOTED ON THIS DOCUMENT. I.E.: ELECTRIFIED MORTISE LOCKS, CARD READER LOCATIONS AND ELECTRIFIED HARDWARE REQUIREMENTS.

ALL CONDUIT MUST BE COMPLETELY CONCEALED AND/OR IN ACCESSIBLE TO THE YOUTH (TYPICAL THROUGHOUT PROJECT)

SECURITY ELECTRONICS LEGEND

DETENTION CONTROL & MONITOR GATE	G	PEDESTAL INTERCOM/CAMERA	
DETENTION CONTROL & MONITOR DOOR		LOOP DETECTOR	
COMMERCIAL CONTROL DOOR W/ CARD READER		DURESS BUTTON	
COMMERCIAL CONTROL DOOR W/ CARD READER AND ALARM	A	FIXED INDOOR IP CAM	
MONITOR DOOR		FIXED OUTDOOR IP CAM	
TOUCHSCREEN	TS	PAN/TILT/ZOOM OUTDOOR IP CAM	
SECURITY EQUIPMENT CABINETS	SE EC	SECURE PERIMETER	
INTERCOM			
PAGING SPEAKER RECESSED			
PAGING HORN			

1 SECURITY ELECTRONICS PLAN - AREA C
3/32" = 1'-0"



Autodesk Docs://571506 New Jetson Center for Youth/571506_New Jetson_r23.rvt
4/1/2026 12:26:57 PM

Grace Design Studios

GERALD DAVID HEBERT II
LICENSE No. 41787
STATE OF LOUISIANA
REGISTERED ARCHITECT

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

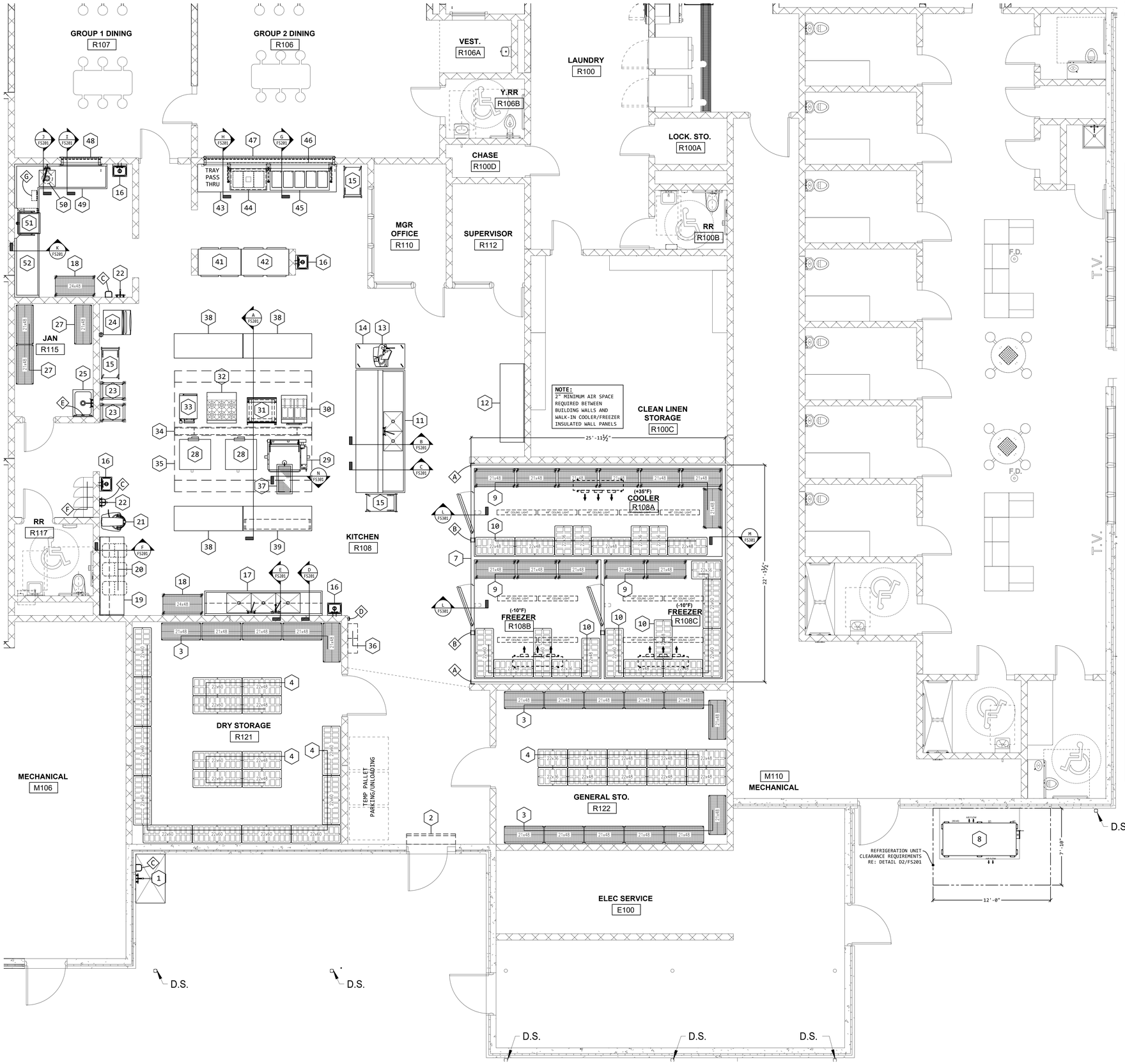
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SECURITY ELECTRONICS - FLOOR PLAN -SECTOR C

SHEET NUMBER
SE104



N

1 FOOD SERVICE EQUIPMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"

KEYNOTES (THIS SHEET ONLY)

NOTE: ITEMS LISTED BELOW ARE THE RESPONSIBILITY OF DIVISION 11 UNLESS NOTED OTHERWISE.

A. STAINLESS STEEL ANGLE TRIM TO CONCEAL AIR GAPS BETWEEN BUILDING WALLS AND WALK-IN COOLER AND/OR FREEZER WALL PANELS.

B. HEATED PRESSURE RELIEF PORT WITHIN INSULATED WALL PANELS. EXACT QUANTITY AND LOCATIONS SHALL BE DETERMINED BY WALK-IN UNIT MANUFACTURER. NOTE: FREEZER PORT(S) SHALL BE LOCATED WITHIN COOLER/FREEZER PARTITION WALL.

C. STAINLESS STEEL WALL-MOUNTED HOSE RACK.

D. REMOTE MANUAL PULL STATION FOR EXHAUST HOOD FIRE SUPPRESSION SYSTEM. RE: DETAIL D8/FS601.

E. WALL-MOUNTED STAINLESS STEEL MOP RACK.

F. STAFF LOCKERS (BY OTHERS) - REFER TO ARCHITECTURAL DRAWINGS.

G. DISPOSER CONTROL PANEL MOUNTED BENEATH TABLE TOP.

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	EQUIP. CLASS.
1.	1	EXTERIOR-GRADE MIXING FAUCET W/HOSE THREADS (DIVISION 22)	B
2.	1	AIR DOOR	A
3.	17	STORAGE SHELVING UNITS	A
4.	28	DUNNAGE RACKS	A
5.	-	SPARE NUMBER	-
6.	-	SPARE NUMBER	-
7.	1	WALK-IN COOLER/FREEZER	A
8.	1	COOLER/FREEZER REMOTE REFRIGERATION SYSTEM	A
9.	12	MOBILE STORAGE SHELVING UNITS	A
10.	20	DUNNAGE RACKS	A
11.	1	PREPARATION COUNTER W/SINKS	A
12.	1	WORK TABLE	A
13.	1	SLICER	A
14.	1	MOBILE WORK TABLE	A
15.	2	MOBILE UTILITY CARTS	A
16.	4	STAINLESS STEEL HAND SINKS	A
17.	1	POT/PAN SINK W/OVERSHELF	A
18.	2	MOBILE UTENSIL SHELVING UNITS	A
19.	1	BAKER'S TABLE W/SPICE SHELF	A
20.	3	MOBILE INGREDIENT BINS	A
21.	1	40-QUART MIXER	A
22.	2	MIXING FAUCETS W/HOSE THREADS	A
23.	2	MOBILE PAN RACKS	A
24.	1	ICE MACHINE (CUBER) W/STORAGE BIN	A
25.	1	STAINLESS STEEL FLOOR MOP SINK	A
26.	-	SPARE NUMBER	-
27.	3	STORAGE SHELVING UNTIS	A
28.	2	DOUBLE-STACKED CONVECTION OVENS	A
29.	1	40-GALLON TILTING BRAISING PAN	A
30.	1	FRYER/FILTER SYSTEM	A
31.	1	GRIDDLE W/STAND	A
32.	1	6-BURNER RANGE W/OVEN BASE	A
33.	1	DOUBLE CONVECTION STEAMER	A
34.	1	UTILITY DISTRIBUTION SYSTEM	A
35.	1	EXHAUST HOOD	A
36.	1	FIRE SUPPRESSION SYSTEM	A
37.	1	STAINLESS STEEL FLOOR TROUGH	A
38.	3	WORK TABLES	A
39.	1	WORK TABLE W/OVERHEAD POT RACK	A
40.	-	SPARE NUMBER	A
41.	1	PASS-THRU REFRIGERATOR	A
42.	1	PASS-THRU WARMER	A
43.	1	SERVING COUNTER	A
44.	1	DROP-IN 3-PAN REFRIGERATED COLD FOOD UNIT	A
45.	1	DROP-IN 5-WELL HOT FOOD UNIT	A
46.	1	FOOD GUARD	A
47.	1	ROLL-DOWN COUNTER DOOR W/INTEGRAL FRAME & SECURITY GRILLE	A
48.	1	ROLL-DOWN COUNTER DOOR W/INTEGRAL FRAME & SECURITY GRILLE	A
49.	1	SOILED DISHTABLE W/WINDOW SILL	A
50.	1	DISPOSER	A
51.	1	VENTLESS DISHWASHER	A
52.	1	CLEAN DISHTABLE	A
53.	1	ICE MACHINE (CUBER) W/STORAGE BIN - ***RE: FS102 FOR LOCATION***	A
54.	1	HAND SINK (DIVISION 22) - ***RE: FS102 FOR LOCATION***	A
55.	1	REFRIGERATOR (SEE ARCHITECTURAL DWGS) - ***RE: FS102 FOR LOCATION***	B
56.	1	SERVICE COUNTER (SEE ARCHITECTURAL DWGS) - ***RE: FS102 FOR LOCATION***	B

EQUIPMENT CLASSIFICATION:
A. DIVISION 11 (FOOD SERVICE EQUIPMENT)
B. BY OTHER DIVISIONS (AS INDICATED)
C. NOT IN CONTRACT (BY OWNER, OTHERS, VENDOR, ETC.)

Grace Design Studios

FUTCH DESIGN ASSOCIATES, Since 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
225.923.1289 | WWW.FUTCHDESIGN.COM
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

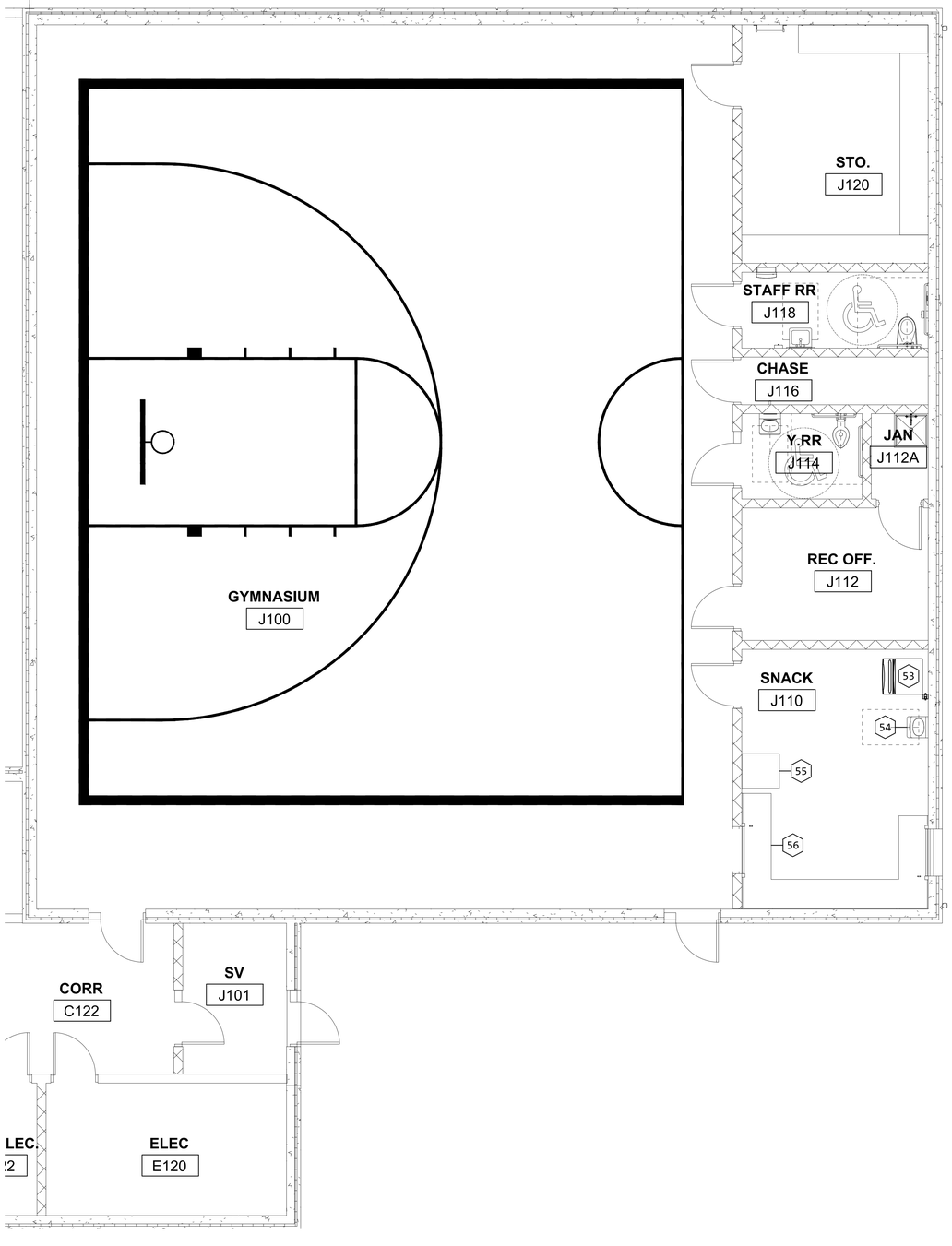
PROJECT NO.:08-403-04-02, Part 09 (F.080000787) &
08-405-24-01, F.080001165 STATE I.D.: NEW
SITE CODE: 2-17-044
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

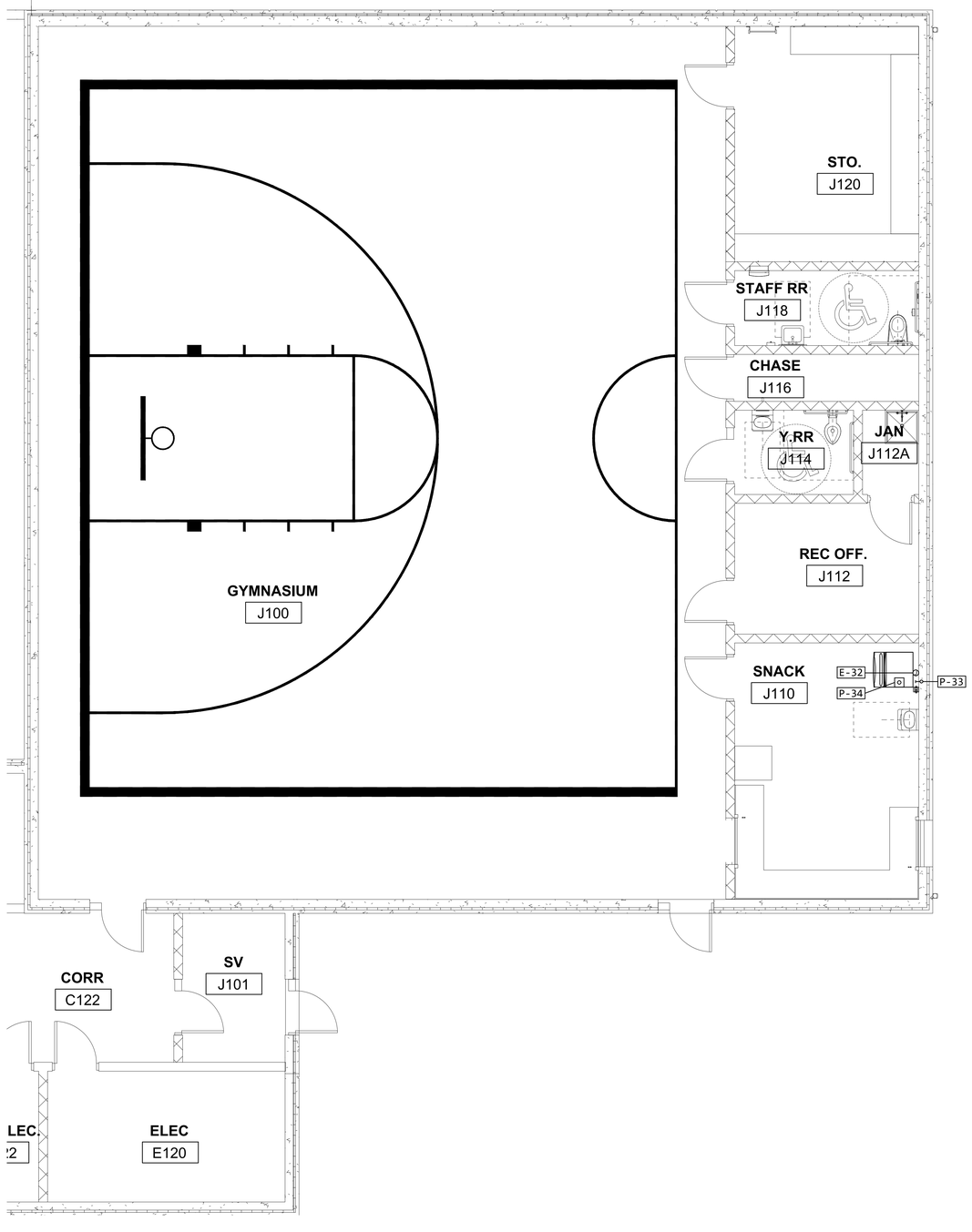
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

FOOD SERVICE EQUIPMENT FLOOR PLAN

SHEET NUMBER
FS101



N 1 FOOD SERVICE EQUIPMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"



N 1 FOOD SERVICE EQUIPMENT PLUMBING & ELECTRICAL ROUGH-IN PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES (THIS SHEET ONLY)

- REFER TO SHEET FS101 FOR FOOD SERVICE EQUIPMENT SCHEDULE.
- REFER TO SHEET FS401 FOR PLUMBING ROUGH-IN SCHEDULE AND NOTES.
- REFER TO SHEET FS501 FOR ELECTRICAL ROUGH-IN SCHEDULE AND NOTES.

Grace Design Studios

FUTCH DESIGN ASSOCIATES
Since 1966
Food Facilities Designers & Consultants
7948 Goodwood Boulevard
Baton Rouge, LA 70806
225.923.1289 | www.futchdesign.com
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

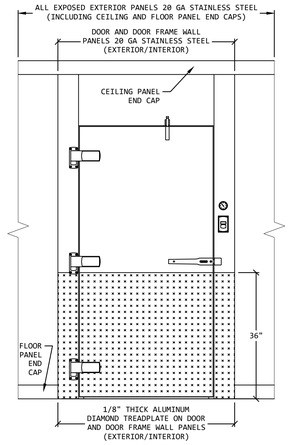
PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

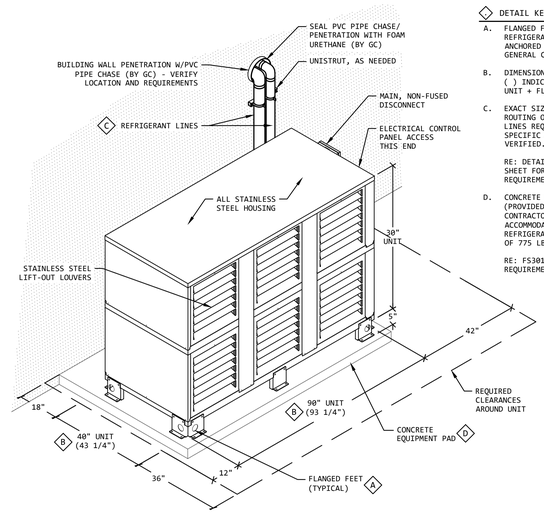
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

FOOD SERVICE EQUIPMENT FLOOR PLANS

SHEET NUMBER
FS102



D1 COOLER/FREEZER DOOR SECTION FINISHES DETAIL
REF: FS301 SCALE: NONE



◇ DETAIL KEYNOTES

A. FLANGED FEET OF REFRIGERATION RACK SHALL BE ANCHORED TO CONCRETE PAD BY GENERAL CONTRACTOR.

B. DIMENSIONS WITHIN BRACKETS ( ) INDICATES LENGTH OF UNIT + FLANGED FEET.

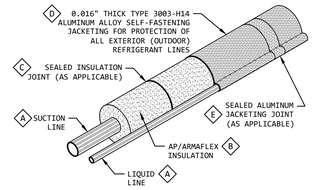
C. EXACT SIZE, QUANTITY, AND ROUTING OF REFRIGERANT LINES REQUIRED ARE PROJECT SPECIFIC AND SHALL BE FIELD VERIFIED.

RE: DETAILS D3 & D4, THIS SHEET FOR ADDITIONAL REQUIREMENTS.

D. CONCRETE EQUIPMENT PAD (PROVIDED BY GENERAL CONTRACTOR) SHALL ACCOMMODATE REMOTE REFRIGERATION UNIT WEIGHT OF 775 LBS.

RE: FS301 FOR ADDITIONAL REQUIREMENTS.

D2 COOLER/FREEZER REMOTE REFRIGERATION SYSTEM INSTALLATION DETAIL
REF: FS101 SCALE: NONE



◇ DETAIL KEYNOTES

A. ALL REFRIGERANT LINES SHALL BE RIGID REFRIGERANT GRADE TYPE "L" COPPER.

B. ALL REFRIGERANT LINES SUBJECT TO SWEATING SHALL BE FULLY INSULATED WITH AP/ARMAFLEX AS FOLLOWS:

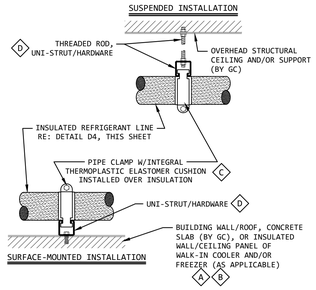
- 3/4" (MINIMUM) FOR COOLER LINES; 1-1/2" FOR POORLY VENTILATED AREAS.
- 1" (MINIMUM) FOR FREEZER LINES; 2" FOR POORLY VENTILATED AREAS.

C. ALL JOINTS SHALL BE SEALED WITH GLUE IN ACCORDANCE WITH INSULATION MANUFACTURER'S RECOMMENDATIONS. DUCT TAPE AT JOINTS IS NOT ACCEPTABLE.

D. FURNISH AND INSTALL MATCHING ALUMINUM JACKETING ELBOW COVERS AT ALL EXTERIOR (OUTDOOR) REFRIGERANT PIPING ANGLES AND BENDS.

E. FURNISH AND INSTALL MATCHING ALUMINUM JACKETING STRAPPING AND SEALS AT ALL JOINTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

D3 REFRIGERANT LINE INSULATION & JACKETING DETAIL
REF: FS201 SCALE: NONE



◇ DETAIL KEYNOTES

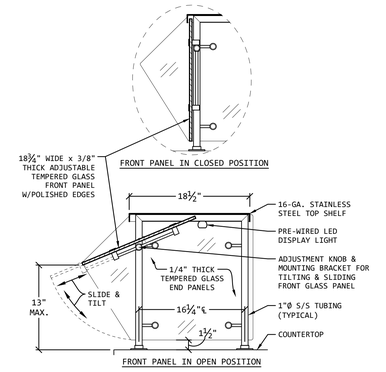
A. MOUNTING TO INSULATED CEILING PANELS NOT ALLOWED FOR OUTDOOR COOLER/FREEZER INSTALLATIONS AND SHALL BE AVOIDED WHENEVER POSSIBLE FOR INDOOR INSTALLATIONS. WHEN MOUNTING TO INSULATED WALL OR CEILING PANELS, HARDWARE SHALL NOT PENETRATE MORE THAN HALFWAY THROUGH PANEL DEPTH -- PENETRATIONS SHALL BE FILLED AND SEALED WITH USDA GRADE SILICONE TO PREVENT MOISTURE INTRUSION.

B. BUILDING ROOF PENETRATIONS (IF APPLICABLE) SHALL BE FILLED AND SEALED UTILIZING BEST INDUSTRY PRACTICES AND IN ACCORDANCE WITH LOCAL BUILDING CODES.

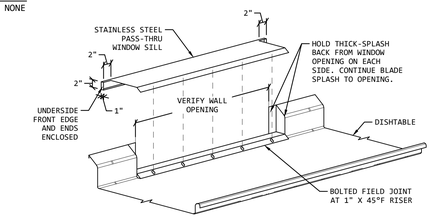
C. STANDARD PIPE CLAMPS MAY BE UTILIZED ON OUTDOOR ALUMINUM-JACKETED AND INSULATED REFRIGERANT LINES.

D. HARDWARE (NUTS, BOLTS) SHOWN FOR REFERENCE ONLY. FURNISH AND INSTALL NECESSARY STAINLESS STEEL HARDWARE IN A WORKMANLIKE MANNER AND IN COMPLIANCE WITH LOCAL BUILDING CODES TO MEET PROJECT REQUIREMENTS.

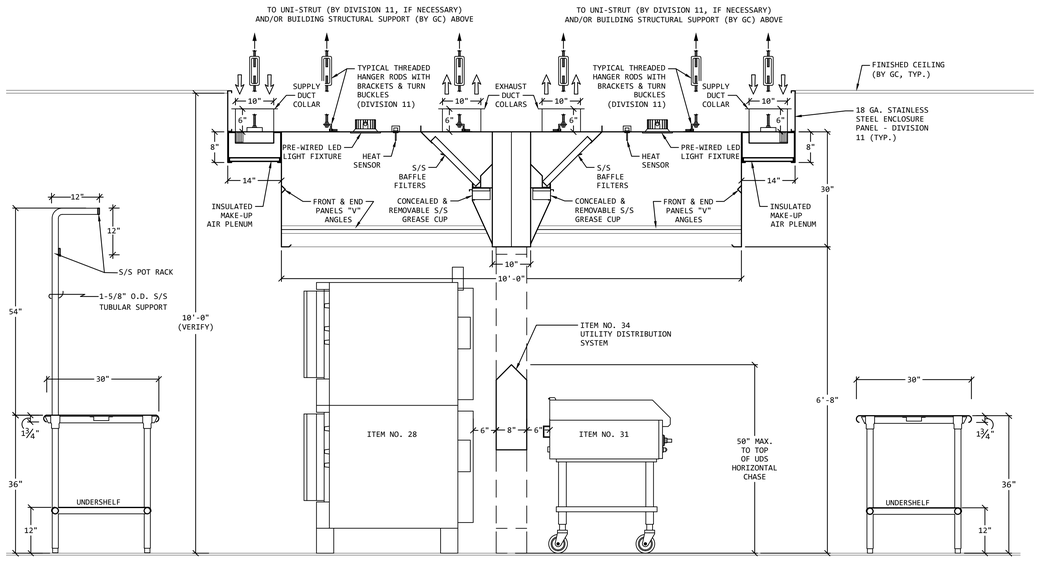
D4 REFRIGERANT LINE SUPPORT DETAIL
REF: FS201 SCALE: NONE



D5 ADJUSTABLE CAFETERIA-STYLE FOOD GUARD
REF: FS201 SCALE: NONE



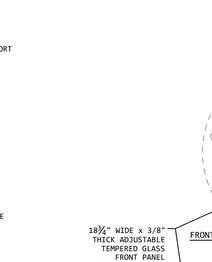
D6 ENLARGED DETAIL - SOILED DISHTABLE & SILL
REF: FS201 SCALE: NONE



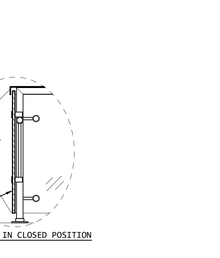
A UTILITY DISTRIBUTION SYSTEM / EXHAUST HOOD MOBILE WORK TABLE
REF: FS101 SCALE: 3/4"=1'-0"

B PREPARATION COUNTER W/SINKS
REF: FS101 SCALE: 3/4"=1'-0"

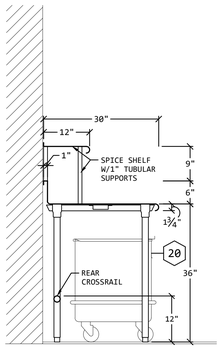
C PREPARATION COUNTER W/SINKS
REF: FS101 SCALE: 3/4"=1'-0"



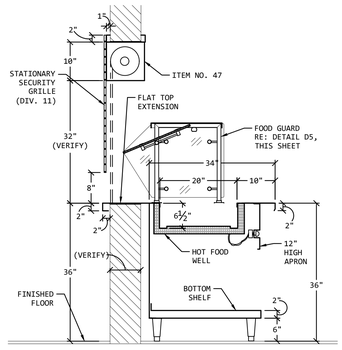
D POT/PAN SINK
REF: FS101 SCALE: 3/4"=1'-0"



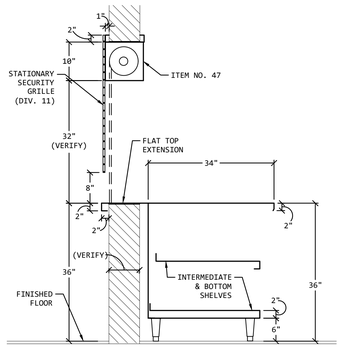
E POT/PAN SINK
REF: FS101 SCALE: 3/4"=1'-0"



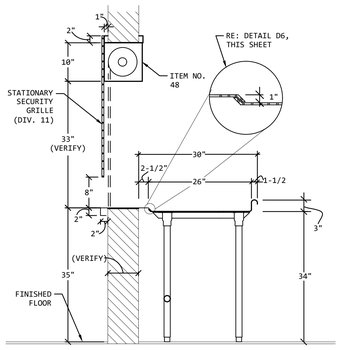
F BAKER'S TABLE W/SPICE SHELF
REF: FS101 SCALE: 3/4"=1'-0"



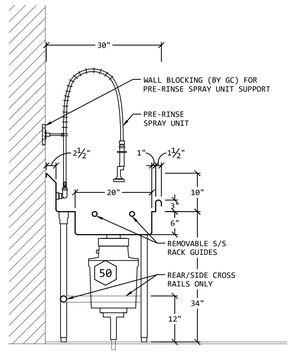
G SERVING COUNTER
REF: FS101 SCALE: 3/4"=1'-0"



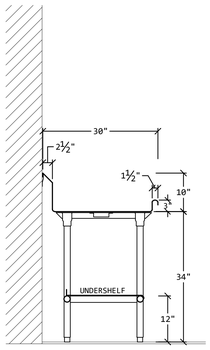
H SERVING COUNTER
REF: FS101 SCALE: 3/4"=1'-0"



I SOILED DISHTABLE AT PASS-THRU WINDOW
REF: FS101 SCALE: 3/4"=1'-0"



J SOILED DISHTABLE AT PRE-RINSE SINK
REF: FS101 SCALE: 3/4"=1'-0"



K CLEAN DISHTABLE
REF: FS101 SCALE: 3/4"=1'-0"

Grace Design Studios

FUTCH DESIGN ASSOCIATES
Since 1966
Food Facilities Designers & Consultants
7948 Goodwood Boulevard
Baton Rouge, LA 70806
225.923.1289 | www.futchdesign.com
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

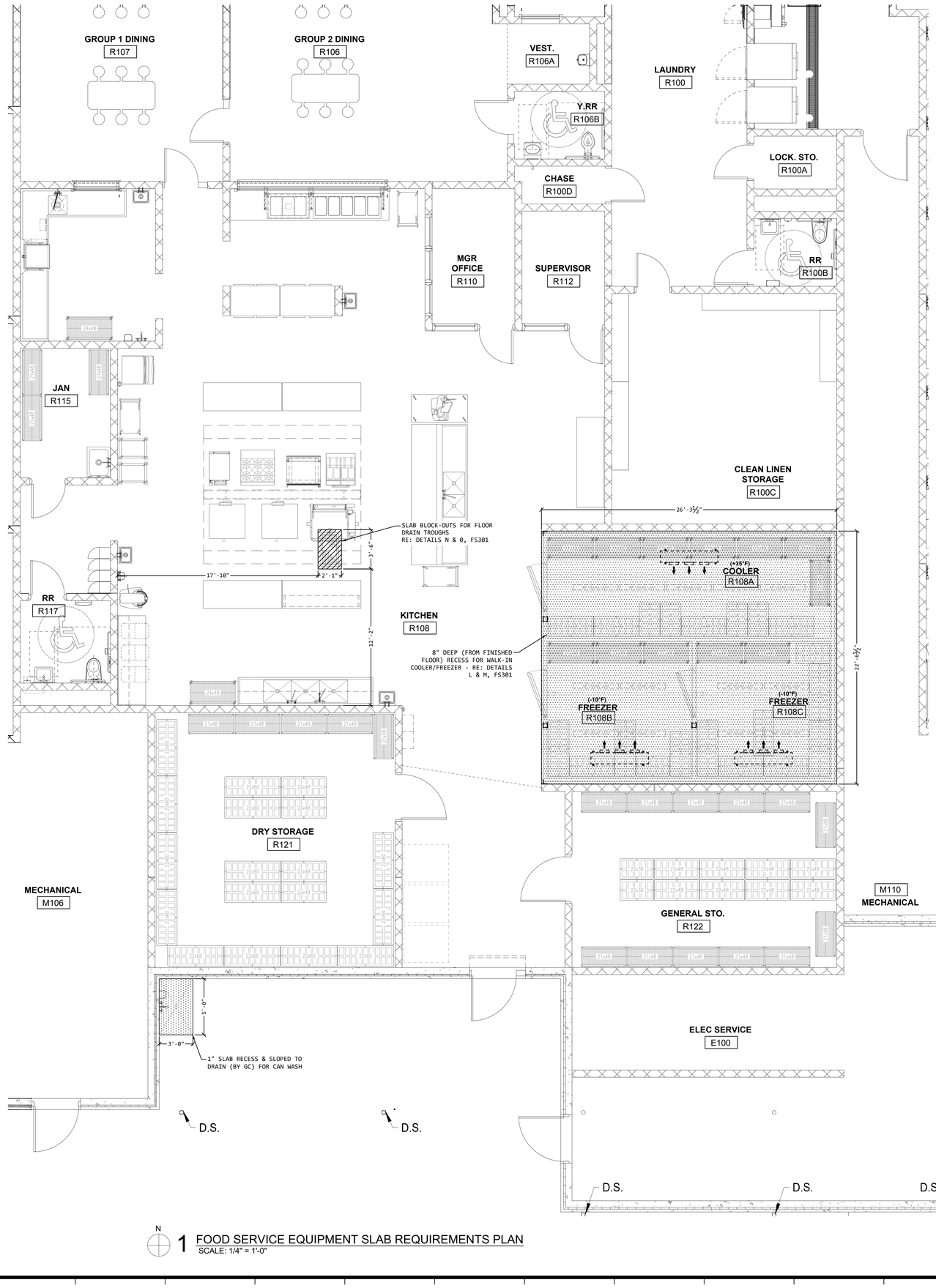
PROJECT NO: 09-403-04-02, Part 09 (F.08000078) & 08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

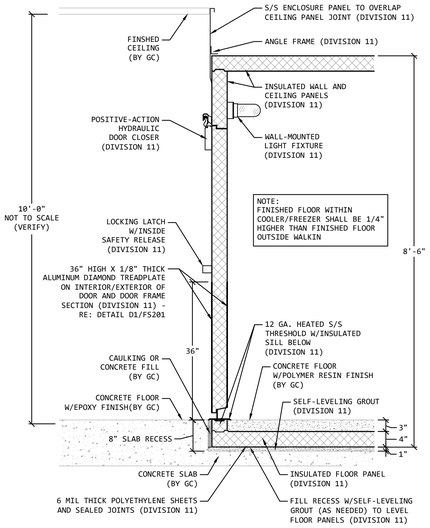
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOOD SERVICE EQUIPMENT DETAILS

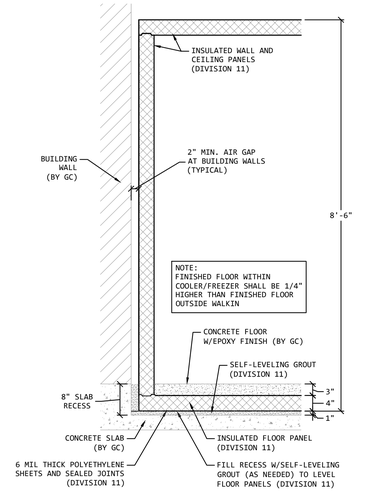
SHEET NUMBER
FS201



1 FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN
SCALE: 1/4" = 1'-0"

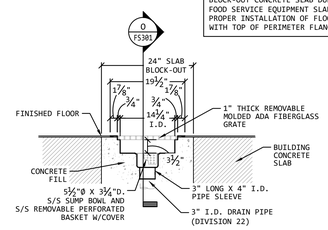


L WALK-IN COOLER/FREEZER AT COOLER ROOM DOOR
REF: FS101 SCALE: 3/4"=1'-0"

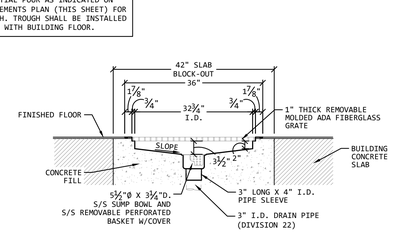


M WALK-IN COOLER/FREEZER AT BUILDING WALLS
REF: FS101 SCALE: 3/4"=1'-0"

NOTE:
BLOCK-OUT CONCRETE SLAB DURING INITIAL POUR AS INDICATED ON FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN (THIS SHEET) FOR PROPER INSTALLATION OF FLOOR TROUGH. TROUGH SHALL BE INSTALLED WITH TOP OF PERIMETER FLANGE FLUSH WITH BUILDING FLOOR.



N STAINLESS STEEL FLOOR DRAIN TROUGH W/GRATE
REF: FS101 SCALE: 3/4"=1'-0"



O STAINLESS STEEL FLOOR DRAIN TROUGH W/GRATE
REF: FS301 SCALE: 3/4"=1'-0"

Grace Design Studios

FUTCH DESIGN ASSOCIATES
Since 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
225.923.1289 | WWW.FUTCHDESIGN.COM
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

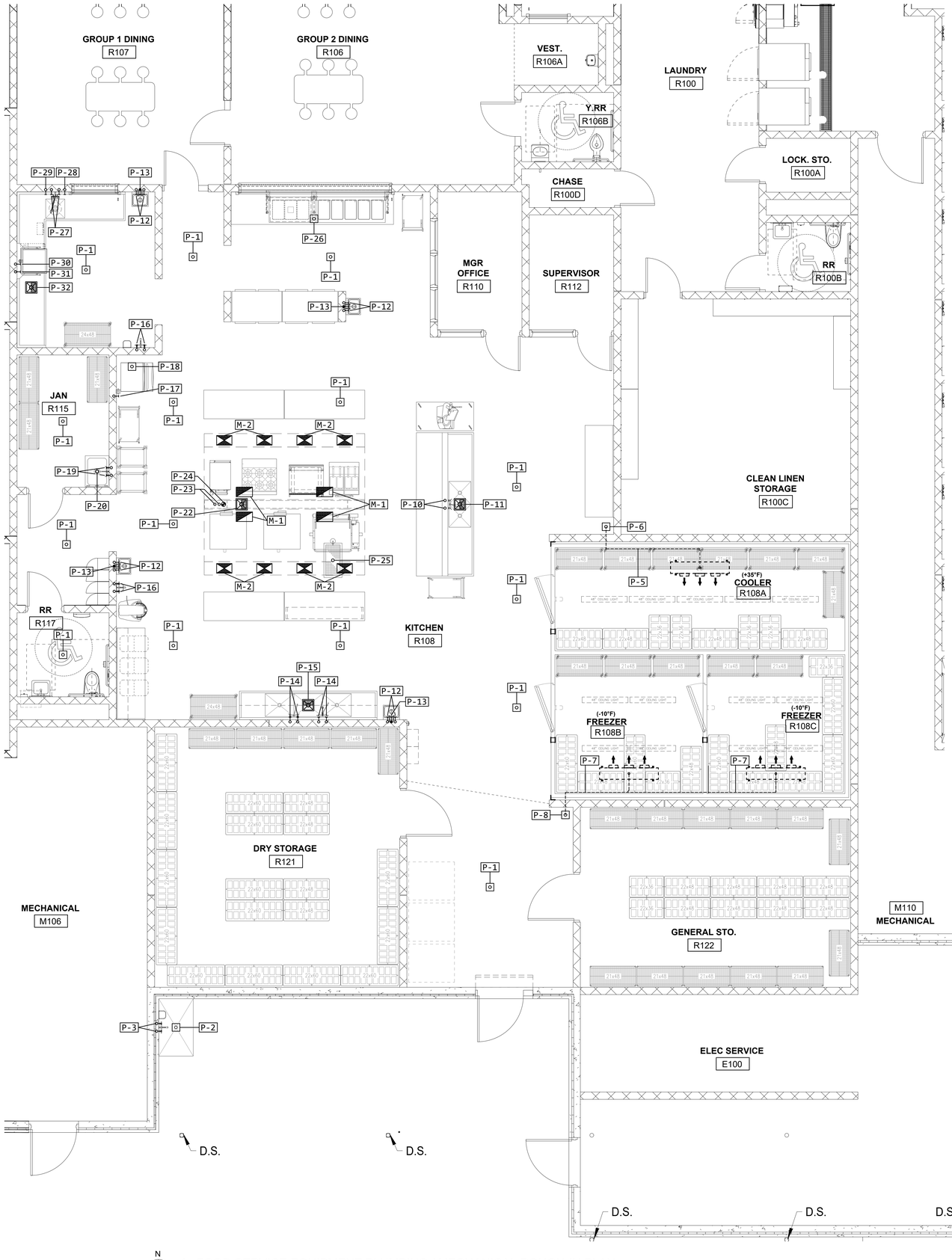
PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN

SHEET NUMBER
FS301



1 FOOD SERVICE EQUIPMENT PLUMBING / MECHANICAL ROUGH-IN PLAN
SCALE: 1/4" = 1'-0"

PLUMBING/MECHANICAL ROUGH-IN NOTES

1. ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED (INCLUDING EXISTING AND FUTURE EQUIPMENT) PLUS AREA CLEAN-UP FLOOR DRAINS. CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
2. WHERE POSSIBLE, ALL PLUMBING LINES SHALL EXTEND UP THROUGH AND OUT OF BUILDING WALLS.
3. EXTEND AND CONNECT ALL PLUMBING LINES TO CONNECTION POINTS OF FOOD SERVICE EQUIPMENT - DIVISION 22.
4. FURNISH AND INSTALL LINE SHUT-OFF VALVES ON ALL PLUMBING LINES AT EACH FIXTURE - DIVISION 22.
5. EXTEND WATER LINES THROUGH VACUUM BREAKERS (FURNISHED BY DIVISION 11) WHERE INLETS ARE SUBJECT TO SUBMERSION - DIVISION 22.
6. FURNISH WATER INLET VALVES, TEMPERATURE GAUGES, PRESSURE REDUCING VALVES (FOR LOWER PRESSURES THAN INDICATED ON DRAWINGS), MIXING VALVES, AND ACCESSORIES REQUIRED FOR OPERATION OF EQUIPMENT - DIVISION 11.
7. FURNISH AND INSTALL MIXING FAUCET WITH VACUUM BREAKER AND HOSE THREADS - DIVISION 22.
8. SLOPE CONDENSATE DRAIN LINES GENEROUSLY (1/2" PER LINEAL FOOT MINIMUM) FROM WALK-IN COOLER AND FREEZER COILS TO 6" ABOVE WALK-IN FLOOR AND EXTEND THROUGH WALK-IN PANELS AND BUILDING WALLS (WHERE APPLICABLE) TO FLOOR DRAIN - DIVISION 11. DRAIN LINE TRAP AND 2" AIR-GAP REQUIRED. RE: DETAIL D7/FS601.
9. WALK-IN PANEL PENETRATIONS FOR REFRIGERANT PIPING AND DRAIN LINES SHALL BE SEALED WITH FOAM URETHANE.
10. FURNISH SINK FAUCETS, TAIL PIECES, LEVER HANDLE DRAINS AND VACUUM BREAKERS - DIVISION 11.
11. FURNISH AND INSTALL 2" DRAIN LINE EXTENSIONS FROM SINK REQUIRING OPEN SITE DRAINS TO BUILDING FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED. DO NOT MANIFOLD DRAIN LINES.
12. WATER LINE SHALL BE PIPED THROUGH WATER FILTER (FURNISHED BY DIVISION 11) TO EQUIPMENT - DIVISION 22.
13. FURNISH AND INSTALL 1/2" AND 3/4" DRAIN LINES FROM ICE MACHINE AND STORAGE BIN TO FLOOR DRAIN - DIVISION 22. 2" AIR-GAP REQUIRED. DO NOT MANIFOLD DRAIN LINES.
14. FURNISH AND INSTALL 2 1/2" DRAIN LINE FROM CONVECTION STEAMER TO FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED. DO NOT USE PVC PIPE.
15. TEST INTERNAL WATER PIPING OF UDS (FURNISHED BY DIVISION 11) FOR LEAKS CAUSED BY SHIPPING AND TIGHTEN AS REQUIRED - DIVISION 22.
16. CONNECT WATER QUICK-DISCONNECT HOSE ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT - DIVISION 22.
17. WHERE BUILDING GAS SUPPLY WATER COLUMN (WC) PRESSURE IS HIGHER THAN REQUIRED BY UDS, FURNISH AND INSTALL PRESSURE REDUCING VALVE ON BRANCH GAS LINE TO UDS - DIVISION 22.
18. INSTALL MECHANICAL GAS SHUT-OFF VALVE (FURNISHED BY DIVISION 11) OF FIRE EXTINGUISHING SYSTEM ON INCOMING GAS LINE TO UDS - DIVISION 22.
19. CONNECT GAS QUICK-DISCONNECT HOSE ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT - DIVISION 22.
20. STAINLESS STEEL FLOOR DRAIN TROUGH (FURNISHED BY DIVISION 11) SHALL BE INSTALLED WITH TOP OF PERIMETER FLANGE FLUSH WITH SURROUNDING FINISHED BUILDING FLOOR - DIVISIONS 11 & 22.
21. FURNISH AND INSTALL 1" DRAIN LINE FROM DROP-IN COLD FOOD UNIT TO FLOOR DRAIN - DIVISION 22. 2" AIR GAP REQUIRED.
22. FURNISH AND INSTALL 1" DRAIN LINE FROM DROP-IN HOT FOOD UNIT TO FLOOR DRAIN - DIVISION 22. 2" AIR GAP REQUIRED.
23. DRAIN LINES OF DISPOSERS SHALL BE RIGIDLY CONNECTED TO SANITARY DRAINAGE SYSTEM IN ACCORDANCE WITH APPLICABLE PLUMBING CODES
24. EXTEND WATER LINE FROM SOLENOID VALVE AND VACUUM BREAKER TO (DISPSOSER CONE AND) BASE OF DISPOSER - DIVISION 22.
25. DISHWASHER SPECIFIED INCLUDES INTEGRAL WATER BOOSTER HEATER AND DRAIN WATER TEMPERING.
26. FURNISH AND INSTALL 1-1/2" DRAIN LINE FROM DISHWASHER TO FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED.
27. SPARE NUMBER.
28. FURNISH AND INSTALL EXHAUST/SUPPLY FANS AND DUCTWORK (INDEPENDENT OF BUILDING HVAC SYSTEM) TO MEET REQUIREMENTS INDICATED. EXHAUST/SUPPLY FAN PACKAGE SHALL BE FURNISHED WITH MAGNETIC STARTERS - DIVISION 23.
29. EXHAUST/SUPPLY FAN CONTROL PANELS AND SWITCHES FOR EXHAUST HOODS SHALL BE FURNISHED BY DIVISION 11, THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE.
30. EXHAUST DUCTS SHALL BE WELDED TO DUCT COLLARS OF EXHAUST HOODS ABOVE COOKING EQUIPMENT IN ACCORDANCE WITH LATEST EDITIONS OF NFPA 96 - DIVISION 23.
31. FURNISH AND INSTALL AUTOMATIC WET CHEMICAL FIRE EXTINGUISHING SYSTEM FOR EXHAUST HOOD OVER COOKING EQUIPMENT TO MEET UL STANDARD 300, LATEST EDITIONS OF NFPA PAMPHLET NOS. 96 AND 17A, AND ALL OTHER APPLICABLE FIRE CODES - DIVISION 11.
32. TEMPERING OF SUPPLY AIR SHALL BE IN ACCORDANCE WITH HVAC DESIGN REQUIREMENTS - DIVISION 23.
33. ALL HVAC CEILING REGISTERS ARE TO BE DIRECTED AWAY FROM EXHAUST HOOD IN ACCORDANCE WITH CHAPTER 31 KITCHEN VENTILATION OF ASHRAE APPLICATIONS HANDBOOK, DATED 2007 - DIVISION 23.

FOOD SERVICE EQUIPMENT PLUMBING/MECHANICAL ROUGH-IN DATA SCHEDULE

CONN. NO.	ITEM NO.	DESCRIPTION OF UTILITY REQUIREMENTS	NOTES
P-1		FD-A (AREA CLEAN-UP)	
P-2		FD-A (WITHIN SLAB RECESS) FOR CAN WASH AREA	
P-3	1	1/2" HW & CW 36" AFF FOR MIXING FAUCET W/HOSE THREADS (BY DIVISION 22)	7
P-4	--	SPARE NUMBER	
P-5	7	3/4" TYPE "L" COPPER CONDENSATE DRAIN LINE FROM EVAPORATOR COIL OF WALK-IN	
		COOLER ROOM TO FLOOR DRAIN	8,9
P-6	7	FD-B FOR CONDENSATE DRAIN LINE OF WALK-IN COOLER ROOM	8
P-7	7	3/4" TYPE "L" COPPER CONDENSATE DRAIN LINE FROM EVAPORATOR COIL OF EACH WALK-IN	
		FREEZER ROOM TO FLOOR DRAIN	8,9
P-8	7	FD-B (2-CONNECTIONS) FOR CONDENSATE DRAIN LINES OF EACH WALK-IN FREEZER ROOM	8
P-9	--	SPARE NUMBER	
P-10	11	1/2" HW & CW 6" AFF FOR FAUCET OF PREPARATION COUNTER SINKS	10
P-11	11	FS (2-CONNECTIONS) FOR DRAIN LINES OF PREPARATION COUNTER SINKS	10,11
P-12	16	1/2" HW & CW 18" AFF FOR FAUCET OF EACH STAINLESS STEEL HAND SINK	10
P-13	16	1-1/2" DR 24-1/2" AFF FOR EACH STAINLESS STEEL HAND SINK	10
P-14	17	1/2" HW & CW 18" AFF FOR EACH FAUCET OF POT/PAN SINK	10
P-15	17	FS (3-CONNECTIONS) FOR DRAIN LINES OF POT/PAN SINK	10,11
P-16	22	1/2" HW & CW 36" AFF FOR EACH MIXING FAUCET W/HOSE THREADS	10
P-17	24	3/8" CW 60" AFF FOR ICE MACHINE	12
P-18	24	FD-B (2-CONNECTIONS) FOR DRAIN LINES OF ICE MACHINE AND STORAGE BIN	13
P-19	25	1/2" HW & CW 36" AFF FOR WALL-MOUNTED FAUCET OF STAINLESS STEEL FLOOR MOP SINK	10
P-20	25	2" IPS DRAIN 2-3/4" AFF FOR DRAIN ASSEMBLY OF STAINLESS STEEL FLOOR MOP SINK	
P-21	--	SPARE NUMBER	
P-22	33	FS (1-CONNECTION) FOR DRAIN LINE OF DOUBLE CONVECTION STEAMER	14
P-23	34	3/4" HW & CW DFA FOR UTILITY DISTRIBUTION SYSTEM	15,16
P-24	34	2" NATURAL GAS DFA FOR UTILITY DISTRIBUTION SYSTEM - 1,069,000 BTU/HR AT 7" WC	
		PRESSURE	17-19
P-25	37	3" PIPE DRAIN (WITHIN SLAB BLOCK-OUT) FOR STAINLESS STEEL FLOOR TROUGH -	
		REFER TO DETAILS	20
P-26	43-45	FD-B (2-CONNECTIONS) FOR DRAIN LINES OF DROP-IN COLD FOOD UNIT AND DROP-IN HOT	
		FOOD UNIT OF SERVING COUNTER	21,22
P-27	49	1/2" HW & CW 18" AFF FOR PRE-RINSE SPRAY UNIT OF SOILED DISHTABLE	10
P-28	50	3" DR 9" AFF FOR DISPOSER SOILED DISHTABLE PRE-RINSE SINK	10,23
P-29	50	1/2" CW 18" AFF FOR DISPOSER	24
P-30	51	1/2" CW (55°F MIN./80°F MAX.) 18" AFF FOR COMMON WATER CONNECTION OF VENTLESS	
		DISHWASHER - 26.8 GPH AT 20 PSI	25
P-31	51	1/2" HW (110°F MIN.) 18" AFF FOR RAPID FILL CONNECTION OF VENTLESS DISHWASHER -	
		26.8 GPH AT 20 PSI	
P-32	51	FS (1-CONNECTION) FOR DRAIN LINE OF VENTLESS DISHWASHER - 18.5 GPM FLOW RATE	25,26
P-33	53	3/8" CW 60" AFF FOR ICE MACHINE - ***RE: FS102 FOR LOCATION***	12
P-34	53	FD-B (2-CONNECTIONS) FOR DRAIN LINES OF ICE MACHINE AND STORAGE BIN - ***RE: FS102***	
		FOR LOCATION	13
M-1	35	10" X 17" EXHAUST DUCT CONNECTION 9'-6" AFF FOR EXHAUST HOOD - 1,925 CFM EACH AT	
		.75" SP (7,700 CFM HOOD TOTAL)	28-31
M-2	35	10" X 16" SUPPLY DUCT CONNECTION 9'-6" AFF FOR SUPPLY PLENUM OF EXHAUST HOOD -	
		770 CFM EACH AT.25" SP (6,160 CFM HOOD TOTAL)	28,29,32,33

PLUMBING/MECHANICAL ROUGH-IN SYMBOLS & ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BTU/HR	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CW	COLD WATER
DFA	DOWN FROM ABOVE
DR	DIRECT CONNECTED DRAIN
▱/⊠	EXHAUST/SUPPLY DUCT OPENING
FD-A	FLOOR DRAIN W/FLUSH MOUNTED GRATE
FD-B	FLOOR DRAIN W/RECESSED GRATE
FS	FLOOR SINK W/DOME STRAINER
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HW	HOT WATER
PSI	POUNDS PER SQUARE INCH
SP	STATIC PRESSURE
UDS	UTILITY DISTRIBUTION SYSTEM
WC	WATER COLUMN GAS PRESSURE

Grace Design Studios

FUTCH DESIGN ASSOCIATES, INC. Since 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
225.923.1289 | WWW.FUTCHDESIGN.COM
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

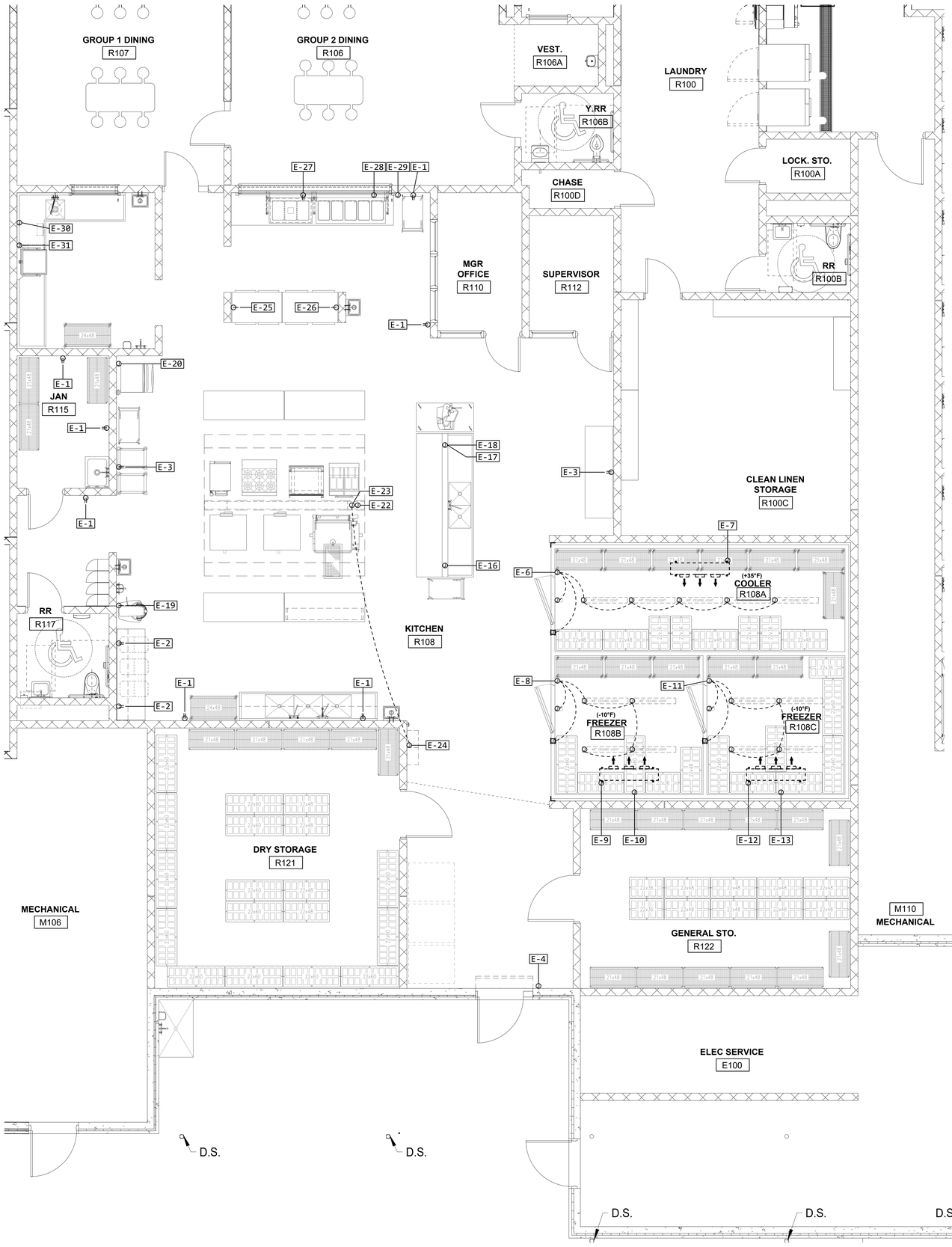
PROJECT NO. 08-403.04-02, Part 09 (F.08000078) & 08-405.24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

FOOD SERVICE EQUIPMENT PLUMBING & MECHANICAL ROUGH-IN PLANS

SHEET NUMBER
FS401



1 FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL ROUGH-IN NOTES

1. ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED (INCLUDING EXISTING AND FUTURE EQUIPMENT) PLUS ELECTRICAL CONVENIENCE OUTLETS. CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
2. WHERE POSSIBLE, ALL ELECTRICAL CONDUIT/WIRING SHALL BE EXTENDED UP THROUGH AND OUT OF BUILDING WALLS.
3. EXTEND AND CONNECT WIRING FROM JUNCTION BOXES TO CONNECTION POINTS ON FOOD SERVICE EQUIPMENT - DIVISION 26.
4. WALL-MOUNTED JUNCTION BOXES SHALL BE RECESSED IN BUILDING WALL SO THAT EQUIPMENT CAN BE INSTALLED AGAINST WALLS.
5. FURNISH AND INSTALL ALL NECESSARY LINE DISCONNECT SWITCHES, UNLESS SPECIFIED OTHERWISE - DIVISION 26.
6. INSTALL CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO FOOD SERVICE EQUIPMENT WHERE REQUIRED - DIVISION 26.
7. INSTALL MICRO-SWITCH (FURNISHED BY MANUFACTURER) AT DOOR OPENING FOR ON/OFF OPERATION - DIVISION 26.
8. FURNISH AND INSTALL CONDUIT, JUNCTION BOXES, AND FIELD WIRING FOR COILS, CEILING-MOUNTED LIGHT FIXTURES, PRESSURE RELIEF PORTS, AND FREEZER DRAIN LINE HEATERS (FURNISHED BY DIVISION 11) OF WALK-IN COOLERS/AND FREEZERS - DIVISION 26.
9. HORIZONTAL RUNS OF CONDUIT FOR CEILING-MOUNTED LIGHT FIXTURES SHALL BE MOUNTED ON TOP OF WALK-IN CEILING PANELS - DIVISION 26.
10. ELECTRICAL CONDUIT WITHIN WALK-IN SHALL BE FILLED (INSIDE CONDUIT) WITH FOAM URETHANE TO PREVENT CONDENSATION - DIVISION 26.
11. PENETRATIONS OF WALK-IN CEILING/WALL PANELS SHALL BE SEALED WITH USDA-APPROVED SEALANT.
12. FURNISH AND INSTALL JUNCTION BOX ON TOP OF WALK-IN COOLER/FREEZER FOR POWER SOURCE OF TEMPERATURE ALARM SYSTEM (FURNISHED BY DIVISION 11) - DIVISION 26.
13. FURNISH AND INSTALL 18 GAUGE WIRING AND TEMPERATURE SENSORS OF TEMPERATURE ALARM SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS - DIVISION 11.
14. REFER TO DETAILS D9 & D10/FS601 FOR ADDITIONAL INFORMATION AND REQUIREMENTS - DIVISIONS 11 & 26.
15. WALK-IN COOLER AND FREEZER EVAPORATOR COILS SPECIFIED INCLUDE PRE-WIRED ON-DEMAND DEFROST CONTROLLERS - OFF CYCLE/AIR (FOR COOLER) AND ELECTRIC HEAT (FOR FREEZER).
16. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EVAPORATOR COIL TO ELECTRIC SHUT-OFF VALVE (FIELD INSTALLED ON REFRIGERANT LIQUID LINE BY DIVISION 11) LOCATED OUTSIDE REFRIGERATED ROOM - DIVISION 26. RE: DETAIL D11/FS601 FOR ADDITIONAL REQUIREMENTS.
17. REMOTE REFRIGERATION SYSTEM SHALL INCLUDE PRE-WIRED UL-LISTED CIRCUIT BREAKERS AND NON-FUSED LINE DISCONNECT SWITCH - DIVISION 11.
18. EXTEND AND CONNECT WIRING FROM JUNCTION BOX TO COUNTER RECEPTACLE (FURNISHED BY DIVISION 11) MOUNTED IN COUNTER BACKSPLASH - DIVISION 26.
19. FURNISH AND INSTALL MAIN SERVICE FEEDERS AND OVERLOAD PROTECTION DEVICES FOR CONTINUOUS OPERATING LOAD OF UTILITY DISTRIBUTION SYSTEM (UDS) - DIVISION 26. LOADS (INCLUDING RESERVE POWER) INDICATED ON DRAWINGS ARE CALCULATED AT AND/OR EXCEED 125% OF CONTINUOUS OPERATING LOAD OF EQUIPMENT.
20. INSPECT UDS FOR LOOSE CONNECTIONS (CAUSED BY SHIPPING) AND TIGHTEN AS REQUIRED - DIVISION 26.
21. INTERCONNECT ELECTRICAL FIELD JOINT OF UDS BY BOLTING BUS BARS AND/OR CABLE BUS WIRING TOGETHER - DIVISION 26. FITTINGS, BOLTS, QUICK-DISCONNECT DEVICES, ETC. SHALL BE SUPPLIED AND PRE-FITTED WITH UDS.
22. UDS SHALL BE EQUIPPED WITH SINGLE-POINT CONNECTIONS, MAIN ELECTRICAL DISCONNECT, POINT-OF-USE CIRCUIT BREAKERS, AND POWER SHUT-OFF DEVICE (SHUNT TRIP BREAKER). POWER TO COOKING EQUIPMENT SHALL SHUT OFF WHEN ACTIVATED BY FIRE EXTINGUISHING AND/OR BUILDING FIRE ALARM SYSTEMS.
23. CONNECT FLEX CONDUIT W/LEADS AND/OR CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT WHERE REQUIRED. DIVISION 26.
24. FURNISH AND INSTALL THREE (3) 120-VOLT WIRES FROM PRE-WIRED LIGHT SWITCH MOUNTED ON END RISER OF UDS TO JUNCTION BOXES (4-LOCATIONS) LOCATED ON TOP OF EXHAUST HOOD FOR PRE-WIRED EXHAUST HOOD LIGHTS - DIVISION 26.
25. FURNISH EXHAUST/SUPPLY FAN CONTROL PANEL W/FIRE SUPPRESSION SYSTEM INTERFACE AND SWITCHES FOR ON/OFF OPERATION OF FAN PACKAGE (FURNISHED BY DIVISION 23) - DIVISION 11.
26. MAGNETIC STARTERS (OR VFD'S & REQUIRED CONTROLLERS) OF EXHAUST/SUPPLY FAN PACKAGE SHALL BE FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
27. FAN PACKAGES FURNISHED WITH MAGNETIC STARTERS: FURNISH AND INSTALL 120-VOLT CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS (FURNISHED BY DIVISION 23) - DIVISION 26.

   FAN PACKAGES FURNISHED WITH VFD'S: FURNISH AND INSTALL 120-VOLT CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO TWO (2) INTER-CONNECTED RELAYS (FURNISHED BY DIVISION 26). FURNISH AND INSTALL LOW VOLTAGE CONTROL WIRES FROM RELAYS TO VFD'S - DIVISION 26.
28. WIRING OF EXHAUST AND SUPPLY FANS FOR EXHAUST HOOD SHALL BE INTERLOCKED TO MAINTAIN PROPER AIR BALANCE IN KITCHEN - DIVISION 26.
29. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO EACH SENSOR MOUNTED IN EXHAUST HOOD - DIVISION 26.
30. FURNISH AND INSTALL THREE (3) 120-VOLT CONTROL WIRES FROM TERMINAL BLOCK OF FIRE SUPPRESSION SYSTEM TO FIRE SYSTEM INTERFACE OF EXHAUST HOOD CONTROL PANEL - DIVISION 26. EXHAUST FANS SHALL BE ACTIVATED AND SUPPLY FANS SHALL BE DE-ACTIVATED IN THE EVENT OF A FIRE.
31. REFER TO EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM D12/FS601 FOR ADDITIONAL REQUIREMENTS - DIVISION 26.
32. FURNISH AND INSTALL WIRING FROM DISPOSER CONTROL PANEL TO DISPOSER BASE - DIVISION 26.
33. EXTEND WIRING FROM DISPOSER CONTROL PANEL TO SOLENOID INSTALLED ON WATER LINE - DIVISION 26.
34. DISPOSER CONTROL PANEL INCLUDES AN INTEGRALLY-MOUNTED LINE DISCONNECT SWITCH.
35. DISHWASHER SPECIFIED WITH SINGLE POINT ELECTRICAL CONNECTION FOR TANK HEAT, CONTROLS, AND INTEGRAL BOOSTER HEATER.

FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN DATA SCHEDULE

CONN. NO.	ITEM NO.	DESCRIPTION OF UTILITY REQUIREMENTS	NOTES
E-1	--	20A 120V CO 24" AFF - NEMA 5-20R REQUIRED	
E-2	--	20A 120V CO 46" AFF - NEMA 5-20R REQUIRED	
E-3	--	20A 120V CO 50" AFF - NEMA 5-20R REQUIRED	
E-4	2	10.2A 120V 90" AFF FOR AIR DOOR	7
E-5	--	SPARE NUMBER	
E-6	7	5.3A 120V DFA FOR LIGHTS, HEATED DOOR FRAME, HEATED PRESSURE RELIEF PORT, AND	
		TEMPERATURE ALARM SYSTEM OF WALK-IN COOLER ROOM R108A	8-14
E-7	7	3.0A 120V DFA FOR EVAPORATOR COIL AND REFRIGERANT LINE SHUT-OFF VALVE OF WALK-IN	
		COOLER ROOM R108A	8,10,11,15,16
E-8	7	4.9A 120V DFA FOR LIGHTS, HEATED DOOR FRAME, HEATED PRESSURE RELIEF PORT, AND	
		TEMPERATURE ALARM SYSTEM OF WALK-IN FREEZER ROOM R108B	8-14
E-9	7	11.9A 208V 1-PH DFA FOR EVAPORATOR COIL AND REFRIGERANT LINE SHUT-OFF VALVE OF	
		WALK-IN FREEZER ROOM R108B	8,10,11,15,16
E-10	7	2.0A 120V DFA FOR CONDENSATE DRAIN LINE HEATER OF WALK-IN FREEZER ROOM R108B	8,10,11
E-11	7	4.9A 120V DFA FOR LIGHTS, HEATED DOOR FRAME, HEATED PRESSURE RELIEF PORT, AND	
		TEMPERATURE ALARM SYSTEM OF WALK-IN FREEZER ROOM R108C	8-14
E-12	7	11.9A 208V 1-PH DFA FOR EVAPORATOR COIL AND REFRIGERANT LINE SHUT-OFF VALVE OF	
		WALK-IN FREEZER ROOM R108C	8,10,11,15,16
E-13	7	2.0A 120V DFA FOR CONDENSATE DRAIN LINE HEATER OF WALK-IN FREEZER ROOM R108C	8,10,11
E-14	8	55.7A (60.0 MCA/70A MOPD) 36" ABOVE CONCRETE EQUIPMENT PAD FOR COOLER/FREEZER	
		REMOTE REFRIGERATION SYSTEM	17
E-15	--	SPARE NUMBER	
E-16	11	20A 120V CIRCUIT 6" AFF FOR EACH OF TWO (2) BUILT-IN CONVENIENCE RECEPTACLES	
		(NEMA 5-20R) OF PREPARATION COUNTER	18
E-17	11	20A 120V CIRCUIT 6" AFF FOR BUILT-IN CONVENIENCE RECEPTACLE (NEMA 5-20R) OF	
		PREPARATION COUNTER	18
E-18	11/13	5.4A 120V 6" AFF FOR BUILT-IN RECEPTACLE (NEMA 5-20R) OF PREPARATION COUNTER FOR	
		SLICER	18
E-19	21	5.6A 208V 3-PH 50" AFF FOR 40-QUART MIXER - NEMA L15-20R REQUIRED	6
E-20	24	11.9 MCA (20A MOPD) 72" AFF FOR ICE MACHINE	
E-21	--	SPARE NUMBER	
E-22	34	80A 120/208V 3-PH CIRCUIT (4-WIRES + GROUND) DFA FOR UTILITY DISTRIBUTION SYSTEM	19-24
E-23	35	20A 120V DEDICATED 24-HR CIRCUIT DFA FOR EXHAUST/SUPPLY FAN CONTROL PANEL OF	
		EXHAUST HOOD	25-31
E-24	36	TERMINAL BLOCK DFA FOR FIRE SUPPRESSION SYSTEM	30,31
E-25	41	8.6A 120V 90" AFF FOR PASS-THRU REFRIGERATOR - NEMA 5-20R REQUIRED	
E-26	42	15.5A 120/208V 1-PH (3-WIRES + GROUND) 90" AFF FOR PASS-THRU WARMER - NEMA	
		L14-20R REQUIRED	6
E-27	44	7A 120V 24" AFF FOR DROP-IN 3-PAN REFRIGERATED COLD FOOD UNIT - NEMA 5-20R	
		REQUIRED	
E-28	45	13.5A 208V 1-PH 24" AFF FOR DROP-IN 5-WELL HOT FOOD UNIT	
E-29	47	FOR MOTOR OF ROLL-DOWN COUNTER DOOR W/INTEGRAL FRAME & SECURITY GRILLE	
E-30	50	8.8A 208V 3-PH 18" AFF FOR DISPOSER	32-34
E-31	51	52.5A (60 MCA/60 MOPD) 208V 3-PH 72" AFF FOR SINGLE-POINT CONNECTION OF	
		VENTLESS DISHWASHER	35
E-32	53	11.9 MCA (20A MOPD) 72" AFF FOR ICE MACHINE - ***RE: FS102 FOR LOCATION***	

ELECTRICAL/DATA ROUGH-IN SYMBOLS & ABBREVIATIONS

⊘	JUNCTION BOX
⊖	SINGLE RECEPTACLE
⊖=	DUPLEX RECEPTACLE
◉	RECEPTACLE FLOOR BOX
◀	TELEPHONE RECEPTACLE
◁	TELEPHONE/DATA RECEPTACLE
V	VOLTS
PH	PHASE
KW	KILOWATT
MCA	MINIMUM CIRCUIT AMPACITY
HPM	HORSEPOWER MOTOR
CO	CONVENIENCE OUTLET
AFF	ABOVE FINISHED FLOOR
DFA	DOWN FROM ABOVE
UDS	UTILITY DISTRIBUTION SYSTEM

Grace Design Studios

FUTCH DESIGN ASSOCIATES, INC. Since 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
225.923.1289 | WWW.FUTCHDESIGN.COM
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F 08000078) &
08-403-24-01, F 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

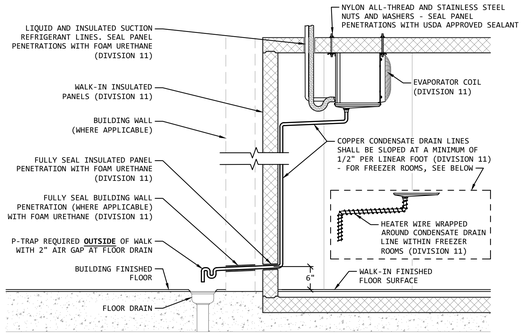
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN

SHEET NUMBER

FS501



D7 WALK-IN COOLER/FREEZER CONDENSATE DRAIN & COIL INSTALLATION DETAIL
REF: FS401 NOT TO SCALE

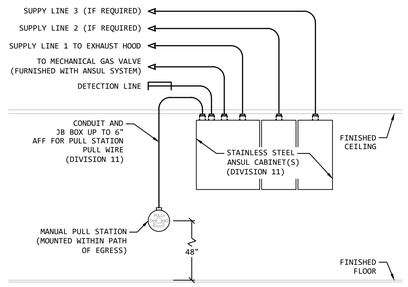
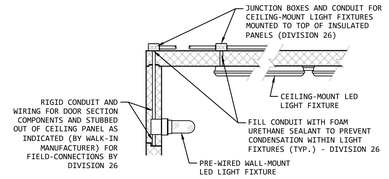


DIAGRAM GENERAL NOTES

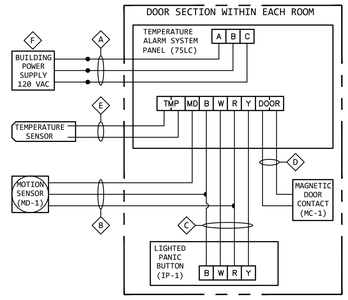
1. REFER TO FLOOR PLAN FOR LOCATION OF ANSUL CABINETS AND MANUAL PULL STATION.
2. NUMBER OF ANSUL CABINETS REQUIRED SHALL BE DETERMINED BY SUPPLIER.
3. CONTRACTOR SHALL FURNISH AND INSTALL CLASS K FIRE EXTINGUISHER WITH WALL BRACKET.

D8 EXHAUST HOOD FIRE SUPPRESSION SYSTEM DIAGRAM
REF: FS101 SCALE: NONE



FOR INDOOR COOLER/FREEZER INSTALLATIONS

D9 WALK-IN COOLER/FREEZER LIGHT FIXTURES INSTALLATION
REF: FS501 SCALE: NONE



WIRING DIAGRAM KEYNOTES

A. 120-VOLT CONTROL WIRING FOR TEMPERATURE ALARM SYSTEM PANEL (75LC). LIGHTING RELAY RATED FOR 8.3A @120V.

B. 22 AWG LOW VOLTAGE CONTROL WIRING FOR MOTION SENSOR(S) (MD-1).

C. 22 AWG LOW VOLTAGE CONTROL WIRING FOR LIGHTED PANIC BUTTON(S) (IP-1).

D. 22 AWG LOW VOLTAGE CONTROL WIRING FOR MAGNETIC DOOR CONTACT(S) (MC-1).

E. 25' LONG MANUFACTURER FURNISHED TEMPERATURE PROBE/WIRE ASSEMBLY.

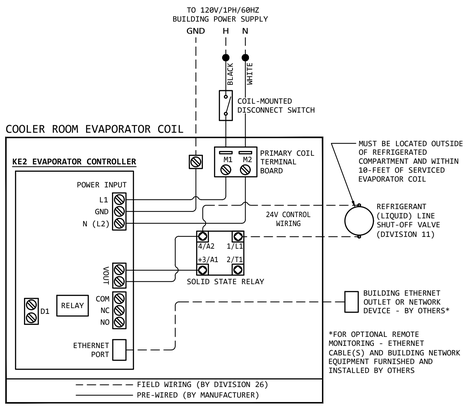
F. LOCATED ABOVE CEILING PANEL (FOR INDOOR INSTALLATIONS) OR BELOW CEILING PANEL (FOR OUTDOOR INSTALLATIONS).

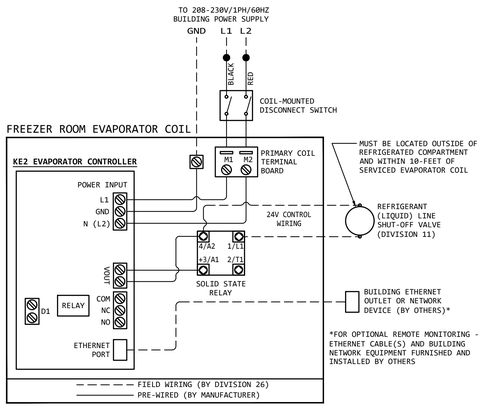
LEGEND

—— —— FIELD WIRING (BY CONTRACTOR)
———— PRE-WIRED (BY MANUFACTURER)

NOTE:
WIRING DIAGRAM IS BASED ON SPECIFIED BASIS OF DESIGN EQUIPMENT - VERIFY REQUIREMENTS WITH MANUFACTURER SHOP DRAWINGS AND/OR AS-BUILT WIRING DIAGRAMS OF FURNISHED EQUIPMENT

D10 WALK-IN COOLER/FREEZER TEMPERATURE ALARM & LIGHT CONTROLS WIRING DIAGRAM
REF: FS501 SCALE: NONE





D11 WALK-IN COOLER AND FREEZER EVAPORATOR COIL ON-DEMAND CONTROLLER WIRING DIAGRAM
REF: FS501 SCALE: NONE

WIRING DIAGRAM KEYNOTES

A. 20A 120V 3-WIRE POWER INPUT (DEDICATED) TO EXHAUST/SUPPLY FAN CONTROL PANEL.

B. FURNISH/INSTALL (4) 120-VOLT CONTROL WIRES FOR MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS - DIVISION 26.

C. EXHAUST/SUPPLY FANS AND MAGNETIC STARTERS FURNISHED BY DIVISION 23.

D. FURNISH/INSTALL (2) CONTROL WIRES FOR HOOD-MOUNTED HEAT SENSORS - DIVISION 26. VERIFY QUANTITY OF HEAT SENSORS.

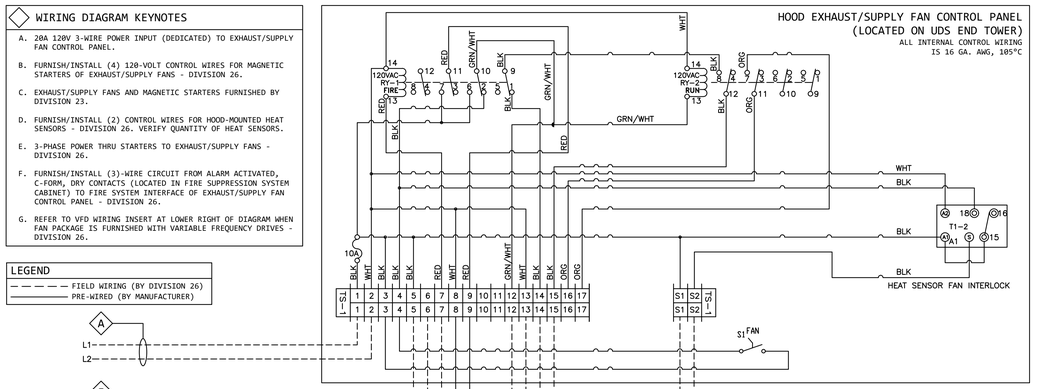
E. 3-PHASE POWER THRU STARTERS TO EXHAUST/SUPPLY FANS - DIVISION 26.

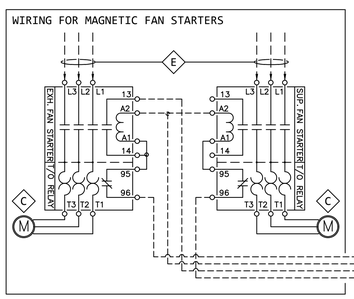
F. FURNISH/INSTALL (3)-WIRE CIRCUIT FROM ALARM ACTIVATED, C-FORM, DRY CONTACTS (LOCATED IN FIRE SUPPRESSION SYSTEM CABINET) TO FIRE SYSTEM INTERFACE OF EXHAUST/SUPPLY FAN CONTROL PANEL - DIVISION 26.

G. REFER TO VFD WIRING INSERT AT LOWER RIGHT OF DIAGRAM WHEN FAN PACKAGE IS FURNISHED WITH VARIABLE FREQUENCY DRIVES - DIVISION 26.

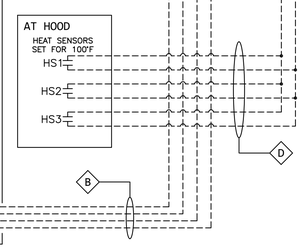
LEGEND

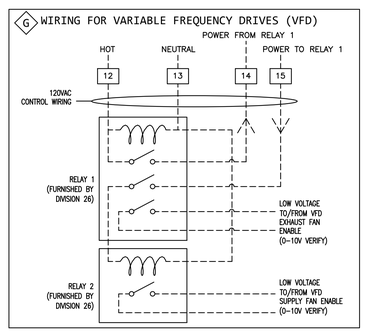
— — — — FIELD WIRING (BY DIVISION 26)
———— PRE-WIRED (BY MANUFACTURER)





TO UDS SHUNT-TRIP BREAKER





D12 EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM
REF: FS501 SCALE: NONE

Grace Design Studios

FUTCH DESIGN ASSOCIATES Since 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
225.923.1289 | WWW.FUTCHDESIGN.COM
1246

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

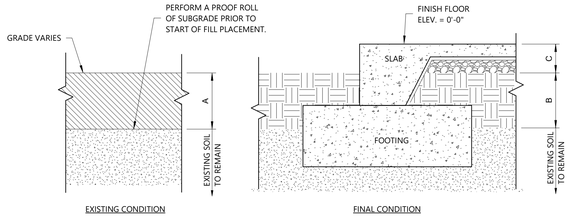
FOOD SERVICE EQUIPMENT MEP DIAGRAMS & DETAILS

SHEET NUMBER

FS601

EARTHWORK NOTES:

1. ALL EARTHWORK BENEATH THE BUILDING PAD SHALL BE DONE IN STRICT ACCORDANCE WITH EARTH MOVING SPECIFICATION 312100 AND REQUIREMENTS ON CONTRACT DRAWINGS.
2. PROOF ROLL SHALL BE WITNESSED BY A/E OR OWNER PROVIDED TESTING AGENCY.
3. ALL FILL SHALL BE PLACED IN 8" MAX. LIFTS, COMPACTED AND TESTED FOR COMPACTION BY TESTING AGENCY.



A. DEMOLITION/REMOVAL:
   a. REMOVE EXISTING PAVEMENT AS SHOWN ON CIVIL DEMOLITION PLANS.
   b. REMOVE A MINIMUM OF 8" OF EXISTING EARTH MATERIAL BELOW THE BUILDING PAD AND EXTENDING OUT 10' FROM ALL BUILDING EDGES.
   c. REMOVE ANY SOFT OR UNSTABLE SOILS.
   d. REMOVE ADDITIONAL MATERIAL IF REQUIRED BY SPECIFICATIONS.
   e. REMOVE ADDITIONAL MATERIAL IF REQUIRED TO PLACE 12" OF SELECT FILL AND MEET THE REQUIRED FINISHED FLOOR ELEVATION.
B. PROVIDE A MINIMUM OF 12" OF SATISFACTORY SOIL FILL. EXTEND FILL OUT 5' FROM BUILDING EDGES PRIOR TO SLOPING. RE: SPECIFICATION FOR FILL TYPE AND COMPACTION REQUIREMENTS.
C. CONCRETE SLAB ON VAPOR RETARDER ON GRAVEL DRAINAGE LAYER, RE: PLANS AND DETAILS.

2 Earthwork Diagram
1/2" = 1'-0"

FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL GRADE BEAMS AND PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS SHOWN UNDERNEATH GRADE BEAMS OR PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE BOTTOM OF ALL COLUMN BASE PLATES SHALL BE AT EL. -0'-6" OM 2" NON-SHRINK GROUT -U.N.O.

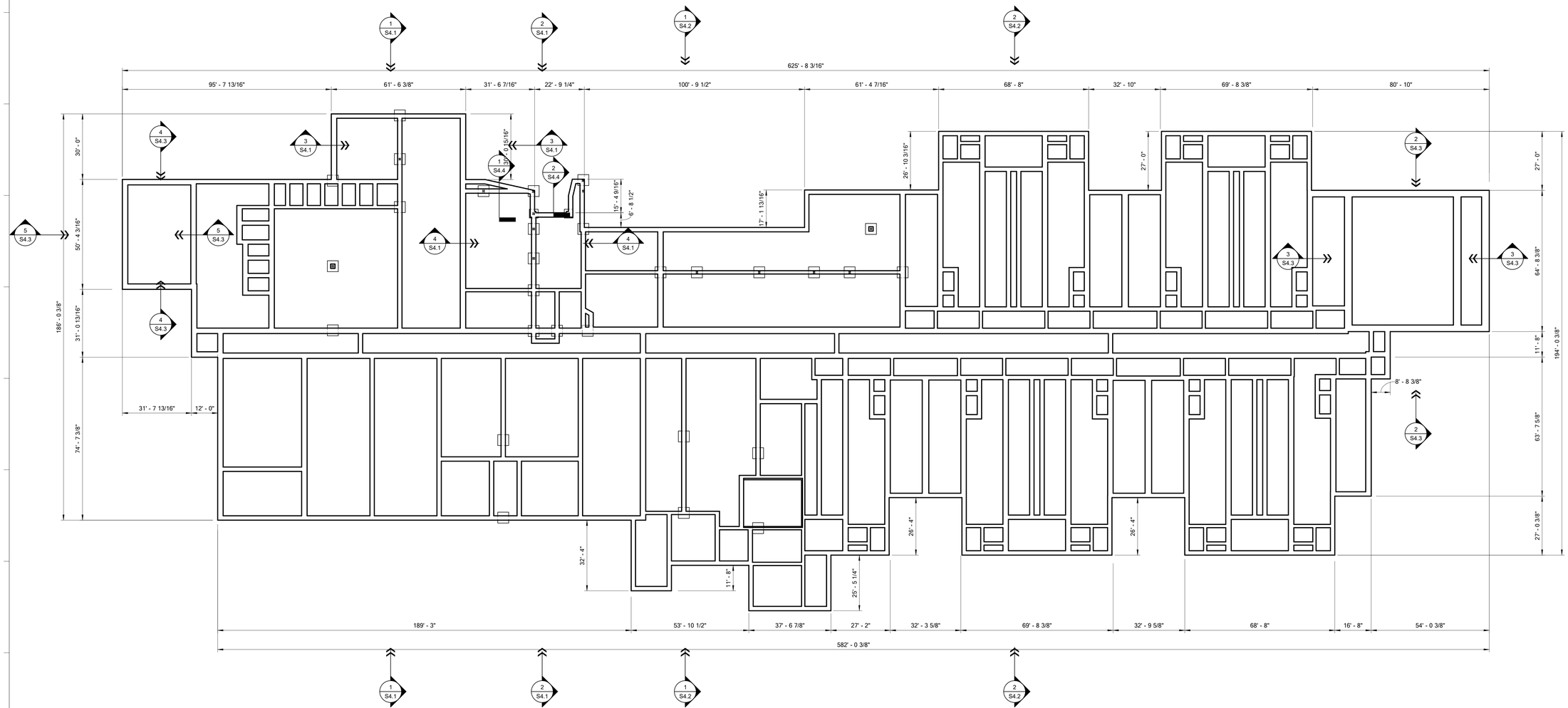
THE CENTER OF GRAVITY OF ALL FOOTINGS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

PROVIDE #4 L-BAR (a=10", b= 26") DOWELS AT 20" O.C. ALONG TOP OF ALL GRADE BEAMS. SEE FOUNDATIONS DETAILS. SET TOP OF DOWEL BAR AT BOTTOM OF SLAB REINFORCEMENT.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOM/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

SEE SPECIFICATION 31 2000 FOR EARTH MOVING AT BUILDING PAD REQUIREMENTS.



NORTH

1 FOUNDATION PLAN - OVERALL
1" = 20'-0"

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER
JOHN GUIDRY "LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

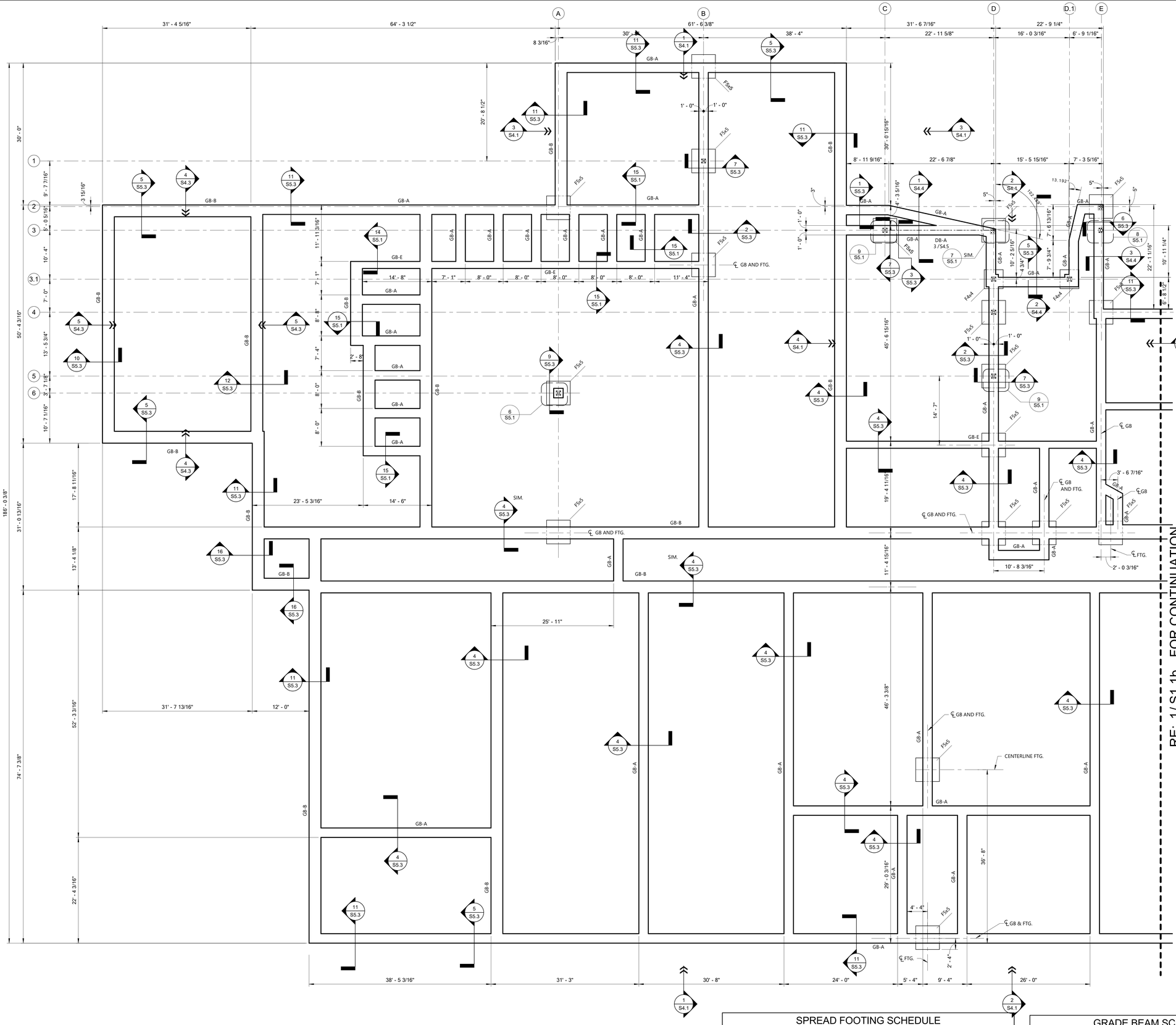
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOUNDATION PLAN OVERALL

SHEET NUMBER
S1.1

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:04:46 PM



NORTH

1 FOUNDATION PLAN - AREA A

1/8" = 1'-0"

FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL GRADE BEAMS AND PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS SHOWN UNDERNEATH GRADE BEAMS OR PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE BOTTOM OF ALL COLUMN BASE PLATES SHALL BE AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

THE CENTER OF GRAVITY OF ALL FOOTINGS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

PROVIDE #4 L-BAR (a=10", b= 26") DOWELS AT 20" O.C. ALONG TOP OF ALL GRADE BEAMS. SEE FOUNDATIONS DETAILS. SET TOP OF DOWEL BAR AT BOTTOM OF SLAB REINFORCEMENT.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOM/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

SEE SPECIFICATION 31 2000 FOR EARTH MOVING AT BUILDING PAD REQUIREMENTS.

SPREAD FOOTING SCHEDULE

Mark	Width	Length	Thickness	El. at Top	Reinforcement
F4x4	4' - 0"	4' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.
F5x5	5' - 0"	5' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.
F6x6	6' - 0"	6' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.

GRADE BEAM SCHEDULE

Mark	Width	Depth	Top Bars	Bottom Bars	Ties
GB-A	2' - 0"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-B	2' - 6"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-C	3' - 0"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-D	3' - 6"	2' - 0"	(5)-#7 CONTINUOUS	(5)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-E	1' - 6"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
ⓒ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

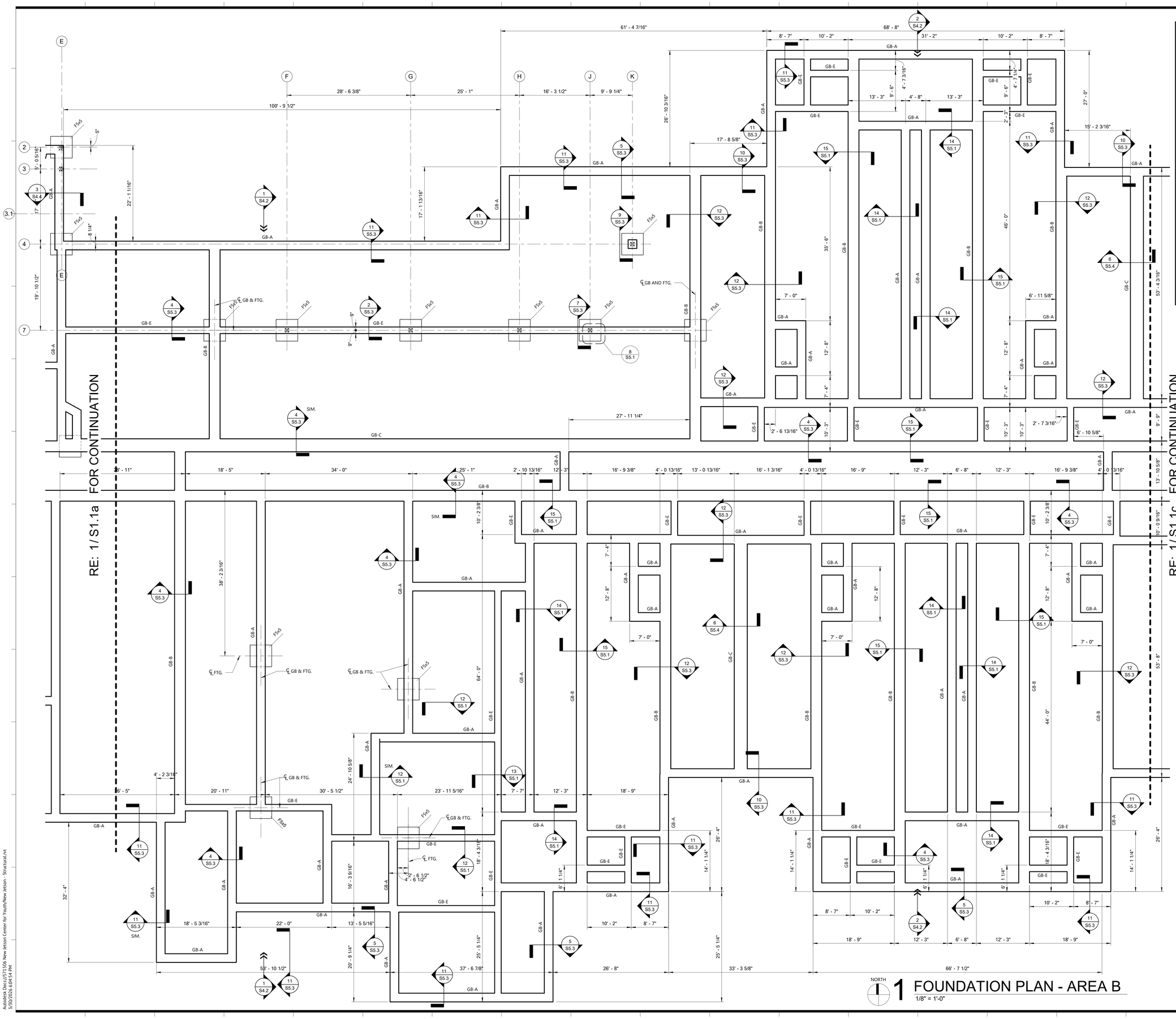
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOUNDATION PLAN AREA A

SHEET NUMBER
S1.1a

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 4:05:51 PM



FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL GRADE BEAMS AND PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS SHOWN UNDERNEATH GRADE BEAMS OR PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE BOTTOM OF ALL COLUMN BASE PLATES SHALL BE AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

THE CENTER OF GRAVITY OF ALL FOOTINGS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

PROVIDE #4 L-BAR (a=10", b= 26") DOWELS AT 20" O.C. ALONG TOP OF ALL GRADE BEAMS. SEE FOUNDATIONS DETAILS. SET TOP OF DOWEL BAR AT BOTTOM OF SLAB REINFORCEMENT.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOM/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

SEE SPECIFICATION 31 2000 FOR EARTH MOVING AT BUILDING PAD REQUIREMENTS.

SEE SHEET S1.1a FOR GRADE BEAM AND FOOTING SCHEDULES.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
℄ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

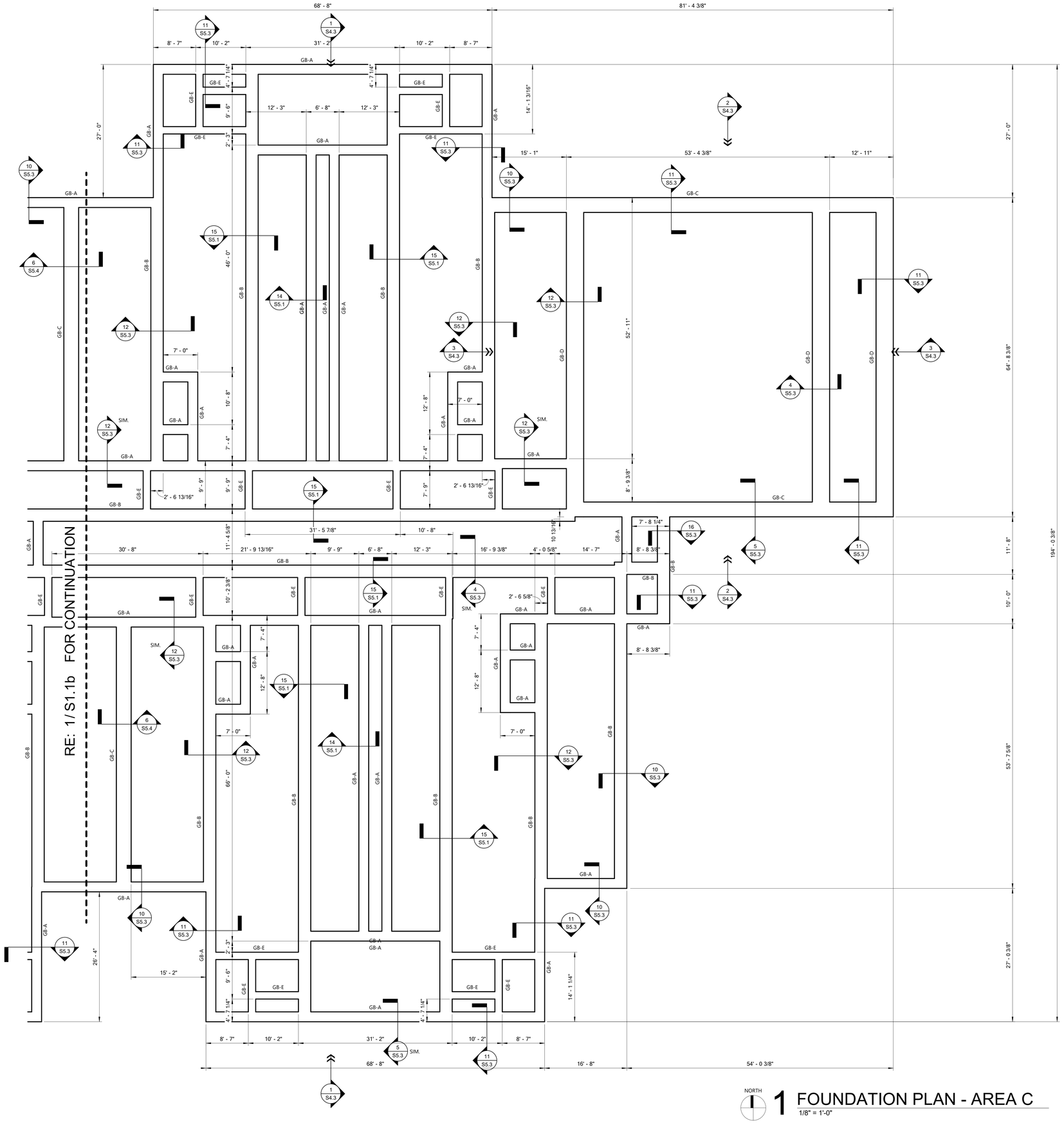
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOUNDATION PLAN AREA B

SHEET NUMBER
S1.1b

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 4:05:14 PM



1 FOUNDATION PLAN - AREA C
1/8" = 1'-0"

NORTH

FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL GRADE BEAMS AND PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS SHOWN UNDERNEATH GRADE BEAMS OR PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE BOTTOM OF ALL COLUMN BASE PLATES SHALL BE AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

THE CENTER OF GRAVITY OF ALL FOOTINGS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

PROVIDE #4 L-BAR (a=10", b= 26") DOWELS AT 20" O.C. ALONG TOP OF ALL GRADE BEAMS. SEE FOUNDATIONS DETAILS. SET TOP OF DOWEL BAR AT BOTTOM OF SLAB REINFORCEMENT.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOM/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

SEE SPECIFICATION 31 2000 FOR EARTH MOVING AT BUILDING PAD REQUIREMENTS.

GRADE BEAM SCHEDULE

Mark	Width	Depth	Top Bars	Bottom Bars	Ties
GB-A	2' - 0"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-B	2' - 6"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-C	3' - 0"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-D	3' - 6"	2' - 0"	(5)-#7 CONTINUOUS	(5)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-E	1' - 6"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01 F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOUNDATION PLAN AREA C

SHEET NUMBER: S1.1c

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:44:53 PM

FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL GRADE BEAMS AND PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS SHOWN UNDERNEATH GRADE BEAMS OR PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE BOTTOM OF ALL COLUMN BASE PLATES SHALL BE AT EL. -0'-6" OM 2" NON-SHRINK GROUT -U.N.O.

THE CENTER OF GRAVITY OF ALL FOOTINGS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

PROVIDE #4 L-BAR (a=10", b= 26") DOWELS AT 20" O.C. ALONG TOP OF ALL GRADE BEAMS. SEE FOUNDATIONS DETAILS. SET TOP OF DOWEL BAR AT BOTTOM OF SLAB REINFORCEMENT.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOM/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

SEE SPECIFICATION 31 2000 FOR EARTH MOVING AT BUILDING PAD REQUIREMENTS.

PEMB FOUNDATION REINFORCING NOTE:

PEMB SHOP DRAWINGS TO BE SUBMITTED CONCURRENTLY WITH REINFORCING SHOP DRAWINGS TO VERIFY FOUNDATION REQUIREMENTS WITH METAL BUILDING COLUMN REACTIONS.

SLAB PLAN NOTES AND LEGEND:

SLAB A = 5" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB B = 6" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #5 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #5 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB C = 8" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY AT TOP AND #5 BARS AT 12" O.C. EACH WAY AT BOTTOM. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP TOP BARS 1-1/2" CLEAR FROM TOP OF SLAB AND BOTTOM BARS 1-1/2" FROM BOTTOM OF SLAB.. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

CORNER BARS = PROVIDE (3)-#4 BARS 5'-0" LONG CENTERED IN SLAB AT ALL RE-ENTRANT (INSIDE) CORNERS OF SLAB.

SEE DETAIL 2/SS.2 FOR ADDITIONAL REINFORCEMENT AT SLAB OPENINGS.

SEE DETAIL 10/SS.1 FOR TYPICAL DETAIL AT SLAB RECESS.

SLAB BLOCKOUT MAY BE USED AT COLUMNS AT CONTRACTOR'S OPTION. EDGE/CORNER COLUMN BLOCKOUT SHAPE SHALL BE RECTANGULAR AND INTERIOR COLUMN BLOCKOUT SHAPE SHALL BE CIRCULAR. EXACT SIZE AND SHAPE SHALL BE APPROVED BY STRUCTURAL ENGINEER. PROVIDE A SUBMITTAL TO ENGINEER FOR REVIEW AND APPROVAL. ADDITIONAL #4 x 6'-0" LONG BARS SHALL BE PROVIDED ALONG ALL EDGES OF BLOCKOUT, UNLESS NOTED OTHERWISE. INCREASE SIZE OF BLOCKOUT AT DIAGONAL BRACE LOCATIONS TO ENSURE BRACE CAN BE ERECTED AND WELDS CAN BE MADE AT BRACE ATTACHMENT TO COLUMN WITHOUT REMOVAL OF SLAB. RE: 1/SS.2.

ALL CMU WALLS NOT RESTING ON GRADE BEAMS TO BEAR ON SLAB RIB PER DETAIL 8/SS.3.

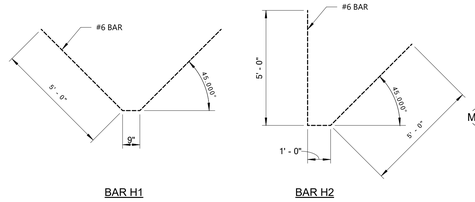
BOTTOM OF ALL COLUMN BASE PLATES AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

NOTE:
SEE DETAIL 3/SS.2 AND 4/SS.2 FOR SLAB CONSTRUCTION JOINT AND SAWED-CUT JOINT DETAILS. CONSULT WITH ARCHITECT AND PROVIDE A PLAN OF PROPOSED SLAB CONSTRUCTION JOINTS AND SAWED-CUT JOINTS FOR APPROVAL.

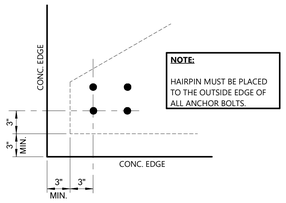
NOTE A: 8" CMU WALL. TOP OF WALL ELEVATION IS AT BOTTOM OF STOREFRONT WINDOW. RE: ARCH. FOR MORE INFORMATION. SEE 4/SS.3 FOR ATTACHMENT TO FOUNDATION.

FLOOR DRAIN = SLOPE SLAB AT ALL FLOOR RAINS. RE: MECHANICAL/PLUMBING & ARCH. DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

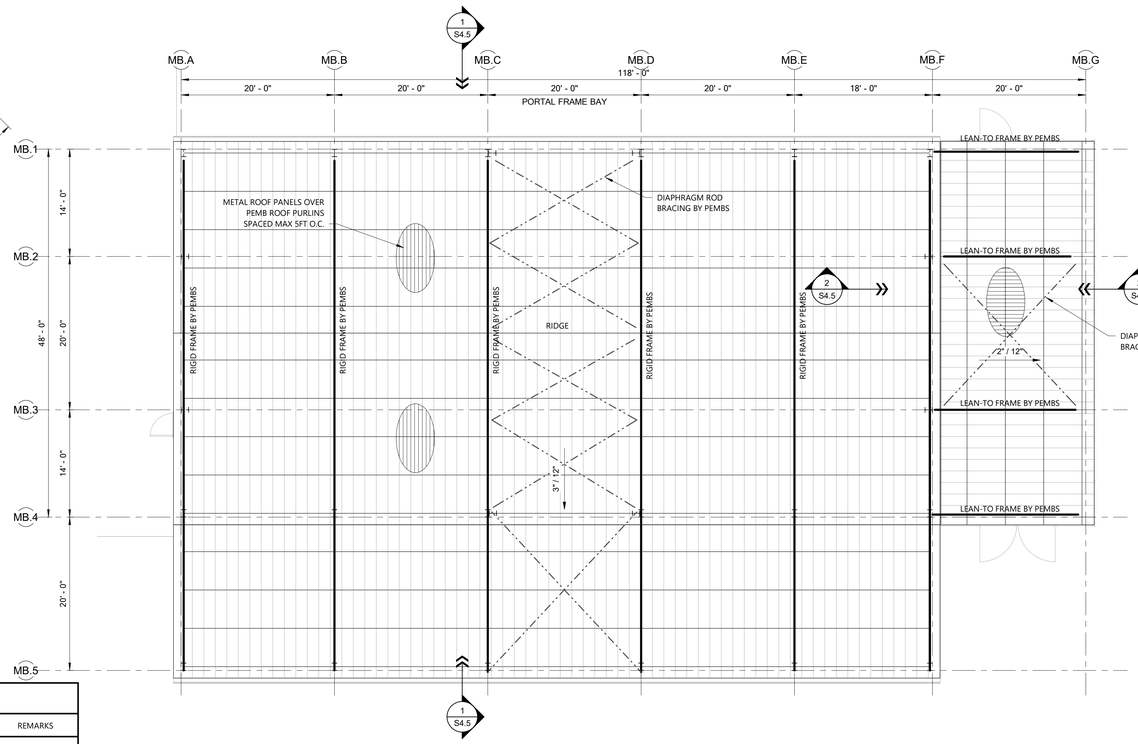
SLOPE SLAB AT ALL FLOOR DRAINS (NOT SHOWN) . RE: MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.



4 Hairpin Bar Configurations
3/8" = 1'-0"



5 Hairpin Location Plan
1 1/2" = 1'-0"



NORTH

3 ROOF FRAMING PLAN - METAL BLDG.
1/8" = 1'-0"

GRADE BEAM SCHEDULE

Mark	Width	Depth	Top Bars	Bottom Bars	Ties
GB-A	2' - 0"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-B	2' - 6"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-C	3' - 0"	2' - 0"	(4)-#7 CONTINUOUS	(4)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-D	3' - 6"	2' - 0"	(5)-#7 CONTINUOUS	(5)-#7 CONTINUOUS	#3 TIES AT 10" O.C.
GB-E	1' - 6"	2' - 0"	(3)-#7 CONTINUOUS	(3)-#7 CONTINUOUS	#3 TIES AT 10" O.C.

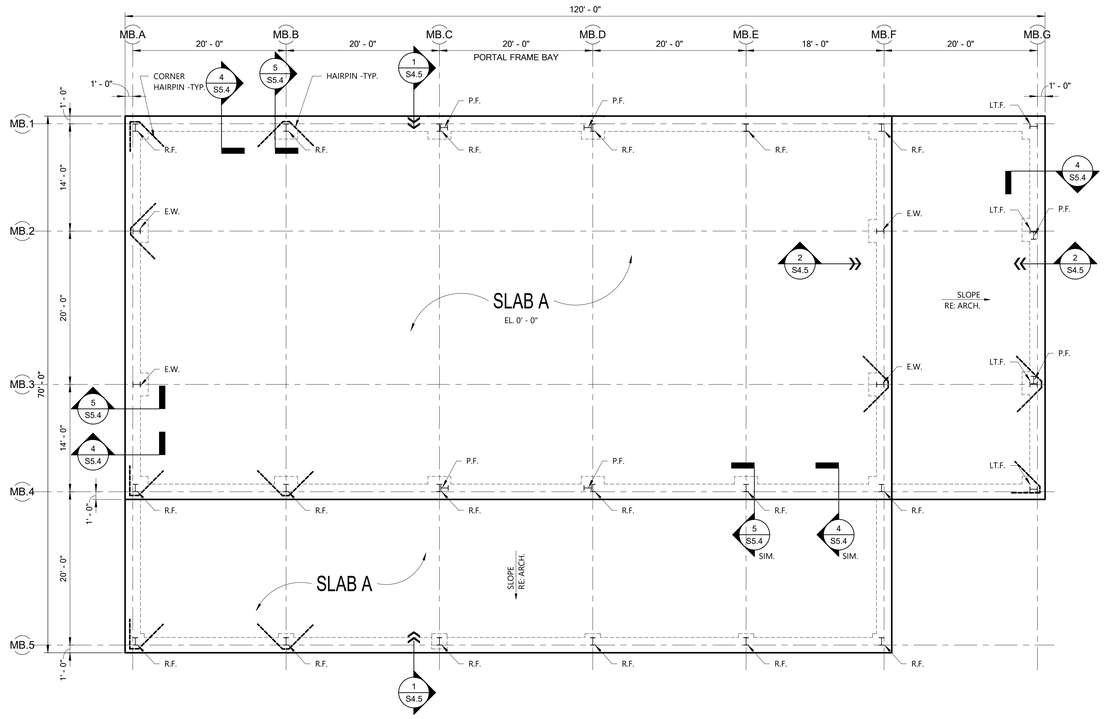
SPREAD FOOTING SCHEDULE

Mark	Width	Length	Thickness	El. at Top	Reinforcement
F4x4	4' - 0"	4' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.
F5x5	5' - 0"	5' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.
F6x6	6' - 0"	6' - 0"	2' - 0"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY MAX.

METAL BUILDING COLUMN SCHEDULE

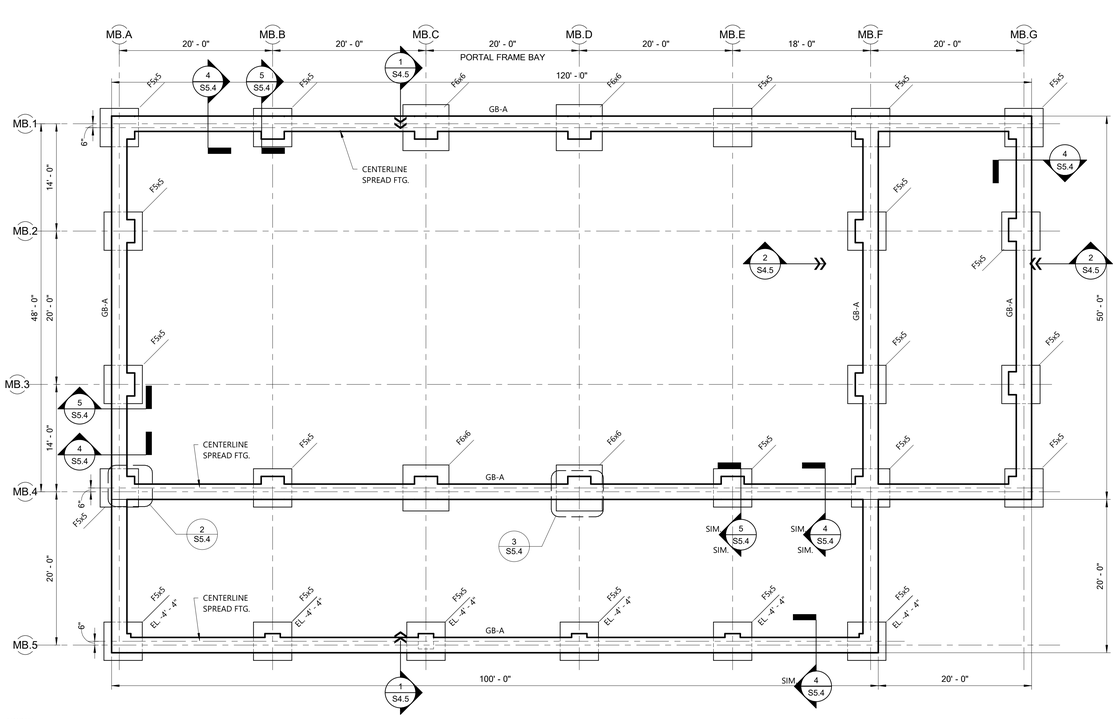
MARK	COLUMN DESCRIPTION	SHAPE	PROFILE (OR SIZE)	BASE CONNECTION	TOP CONNECTION	REMARKS
R.F.	RIGID FRAME	I	TAPERED	PINNED	FIXED	RE: NOTE 1
P.F.	PORTAL FRAME	I	STRAIGHT	N/A	FIXED	
LT.F.	LEAN TO FRAME	I	TAPERED	PINNED	FIXED	RE: NOTE 1
E.W.	END WALL COL.	I	STRAIGHT	PINNED	PINNED	RE: NOTE 4

NOTES:
1. MAXIMUM FLANGE WIDTH OF RIGID FRAME BEAMS AND COLUMNS SHALL BE 11 INCHES. MAXIMUM FRAME DEPTH SHALL BE 24 INCHES.
2. SEE PEDESTAL PLAN DETAILS FOR MAX. COLUMN DEPTH AT BASE.
3. SEE SHEET S7.1 FOR ADDITIONAL METAL BUILDING REQUIREMENTS.
4. MAXIMUM FLANGE WIDTH OF END WALL COLUMNS SHALL BE 8 INCHES. MAXIMUM COLUMN DEPTH SHALL BE 12 INCHES.



NORTH

2 SLAB PLAN - METAL BLDG.
1/8" = 1'-0"



NORTH

1 FOUNDATION PLAN - METAL BLDG.
1/8" = 1'-0"

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LAR36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
2026	23575	R-23 B360

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

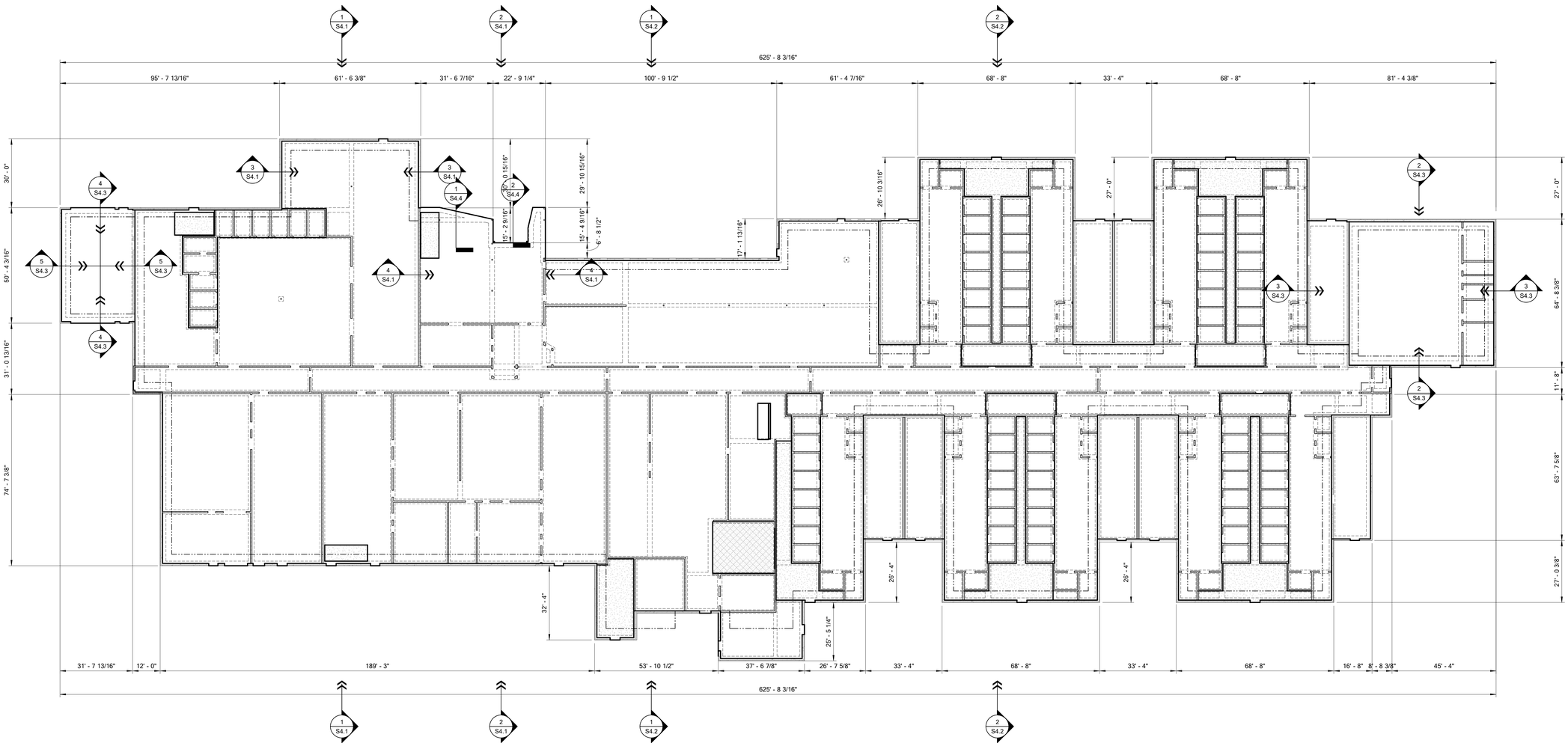
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

METAL BUILDING PLANS

SHEET NUMBER
S1.1d

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:03:31 PM



NORTH

1 SLAB PLAN - OVERALL

1" = 20'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:03:56 PM

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

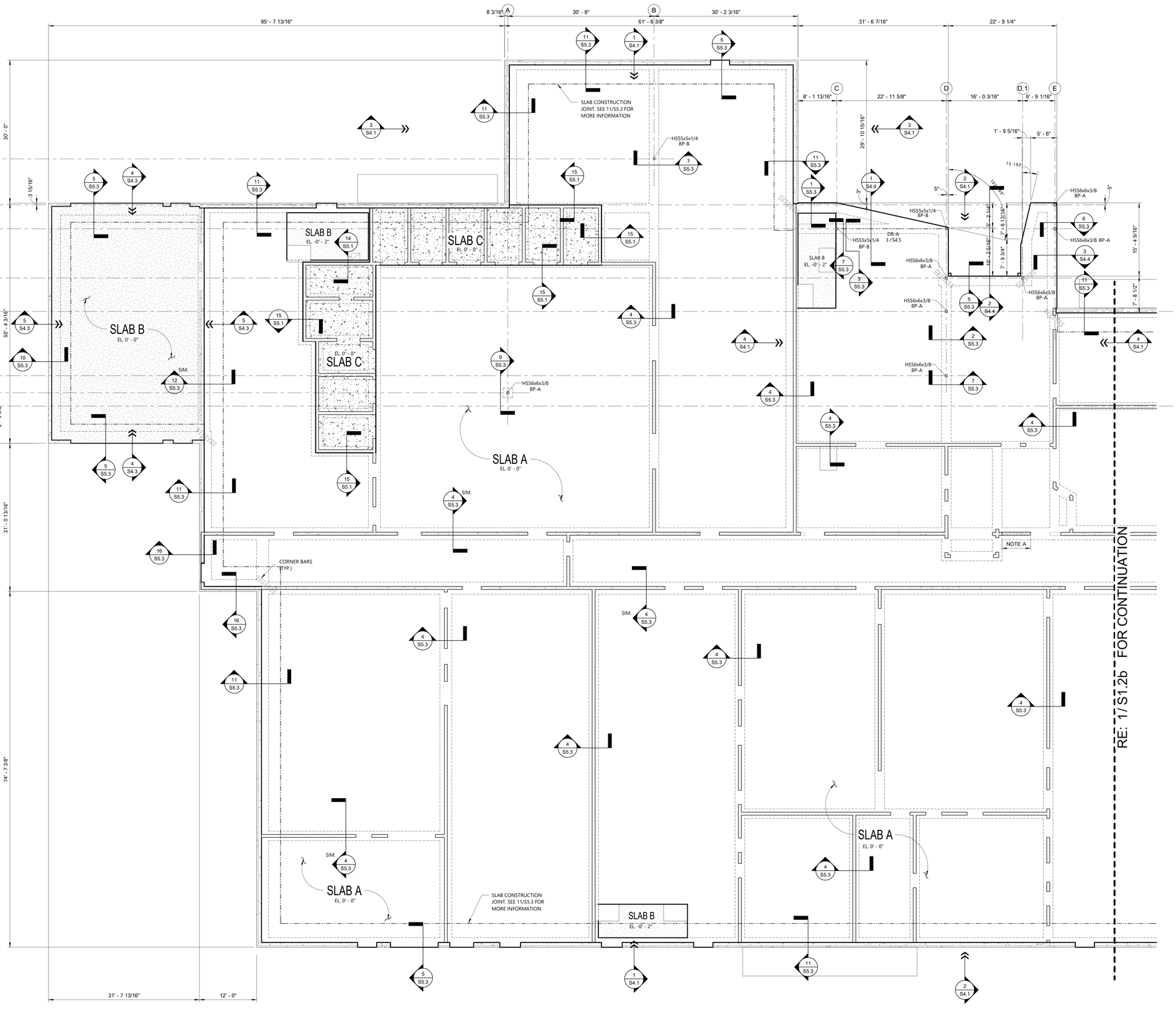
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SLAB PLAN OVERALL

SHEET NUMBER
S1.2



NORTH

1 SLAB PLAN - AREA A

1/8" = 1'-0"

SLAB PLAN NOTES AND LEGEND:

SLAB A = 5" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB B = 6" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #5 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #5 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB C = 8" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY AT TOP AND #5 BARS AT 12" O.C. EACH WAY AT BOTTOM. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP TOP BARS 1-1/2" CLEAR FROM TOP OF SLAB AND BOTTOM BARS 1 1/2" FROM BOTTOM OF SLAB.. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

CORNER BARS = PROVIDE (3)-#4 BARS 5'-0" LONG CENTERED IN SLAB AT ALL RE-ENTRANT (INSIDE) CORNERS OF SLAB.

SEE DETAIL 2/S5.2 FOR ADDITIONAL REINFORCEMENT AT SLAB OPENINGS.

SEE DETAIL 10/S5.1 FOR TYPICAL DETAIL AT SLAB RECESS.

SLAB BLOCKOUT MAY BE USED AT COLUMNS AT CONTRACTOR'S OPTION. EDGE/CORNER COLUMN BLOCKOUT SHAPE SHALL BE RECTANGULAR AND INTERIOR COLUMN BLOCKOUT SHAPE SHALL BE CIRCULAR. EXACT SIZE AND SHAPE SHALL BE APPROVED BY STRUCTURAL ENGINEER. PROVIDE A SUBMITTAL TO ENGINEER FOR REVIEW AND APPROVAL. ADDITIONAL #4 x 6'-0" LONG BARS SHALL BE PROVIDED ALONG ALL EDGES OF BLOCKOUT, UNLESS NOTED OTHERWISE. INCREASE SIZE OF BLOCKOUT AT DIAGONAL BRACE LOCATIONS TO ENSURE BRACE CAN BE ERECTED AND WELDS CAN BE MADE AT BRACE ATTACHMENT TO COLUMN WITHOUT REMOVAL OF SLAB. RE: 1/S5.2.

ALL CMU WALLS NOT RESTING ON GRADE BEAMS TO BEAR ON SLAB RIB PER DETAIL 8/S5.3.

BOTTOM OF ALL COLUMN BASE PLATES AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

NOTE:
SEE DETAIL 3/S5.2 AND 4/S5.2 FOR SLAB CONSTRUCTION JOINT AND SAWED-CUT JOINT DETAILS. CONSULT WITH ARCHITECT AND PROVIDE A PLAN OF PROPOSED SLAB CONSTRUCTION JOINTS AND SAWED-CUT JOINTS FOR APPROVAL.

NOTE A: 8" CMU WALL. TOP OF WALL ELEVATION IS AT BOTTOM OF STOREFRONT WINDOW. RE: ARCH. FOR MORE INFORMATION. SEE 4/S5.3 FOR ATTACHMENT TO FOUNDATION.

FLOOR DRAIN = SLOPE SLAB AT ALL FLOOR RAINS. RE: MECHANICAL/PLUMBING & ARCH. DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

SLOPE SLAB AT ALL FLOOR DRAINS (NOT SHOWN) . RE: MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

WALL LEGEND:

= INSULATED CONCRETE TILT-UP WALL (SEE S1.3a-S1.3c).

= TILT-UP CONCRETE WALL.

= 8" CMU WALL.

= 12" CMU WALL

= NON-LOAD BEARING 8" CMU WALL

RE: ARCH. DRAWINGS FOR WALL TYPES AND DIMENSIONS.

CMU WALL SCHEDULE

NOMINAL THICKNESS	VERTICAL REINFORCEMENT
8"	#5 AT 16" O.C. (1)
12"	#6 AT 32" O.C. (1)

NOTES:

FILL ALL CELLS WITH CONCRETE GROUT AND CENTER VERTICAL REINFORCEMENT IN WALL.

LADDER HORIZONTAL REINFORCEMENT AT 16" O.C.

SEE SECTIONS AND DETAILS FOR LOCATIONS OF CONTINUOUS U-BLOCKS IN WALL.

SEE ARCH. DRAWINGS FOR LOCATION OF CONTROL JOINTS.

ALL CMU WALLS NOT SHOWN ON PLAN SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. AND GROUTED SOLID (INCLUDING PARTITION WALLS). SEE ARCH. DRAWINGS. ALL WALLS TO EXTEND TO UNDERSIDE OF ROOF DECK TO GREATEST EXTENT POSSIBLE.

ALL WALLS NOT BEARING ON GRADE BEAMS TO HAVE THICKENED SLAB BELOW PER DETAIL 8/S5.3

DOWEL AND EPOXY GROUT VERTICAL BARS INTO SLAB/GRADE BEAM PER DETAILS ON SHEET S5.3.

(1) = #6 REQUIRED AT JAMBS PER CMU LINTEL SCHEDULE ON THIS SHEET AND WALL CORNERS PER DETAILS ON SHEET 8-S5.5. PROVIDE CONTINUOUS 8" DEEP U-BLOCK AT TOP OF WALL REINFORCED WITH (2)-#5 BOTTOM IN CONCRETE FILL - U.N.O.

SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

CMU LINTEL SCHEDULE

MARK	DESIGN
L1 0' TO 3'	8" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#5 CONTINUOUS IN BOTTOM OF CONCRETE FILL. BEAR ON ONE FILLED CELL WITH (1)-#6 AT FILLED AND REINFORCED JAMB.
L2 >3' TO 6'	16" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#6 CONTINUOUS IN TOP AND BOTTOM OF CONCRETE FILL. BEAR ON TWO FILLED CELLS WITH (1)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.
L3 >6' TO 14'	DOUBLE 16" DEEP U-BLOCKS AT HEAD OF OPENING. REINFORCE WITH (2)-#7 CONTINUOUS TOP AND BOTTOM IN CONCRETE FILL IN EACH U-BLOCK. REINFORCE WITH #4 VERTICALS AT 16" O.C. TYING U-BLOCKS TOGETHER. BEAR ON TWO FILLED CELLS WITH (2)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

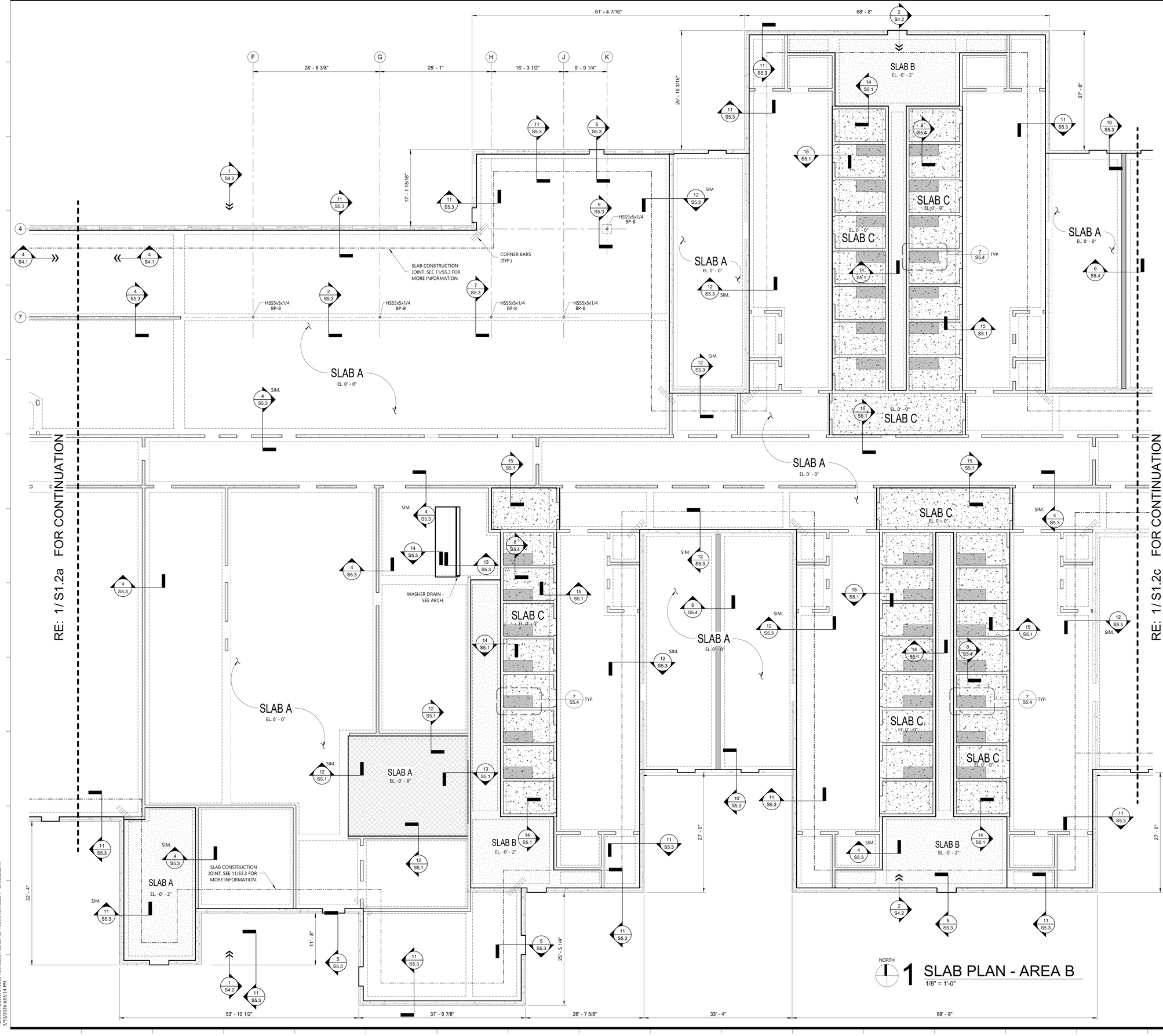
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SLAB PLAN AREA A

SHEET NUMBER
S1.2a

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:05:13 PM



SLAB PLAN NOTES AND LEGEND:

SLAB A = 5" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB B = 6" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #5 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #5 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB C = 8" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY AT TOP AND #5 BARS AT 12" O.C. EACH WAY AT BOTTOM. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP TOP BARS 1-1/2" CLEAR FROM TOP OF SLAB AND BOTTOM BARS 1 1/2" FROM BOTTOM OF SLAB.. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

CORNER BARS = PROVIDE (3)-#4 BARS 5'-0" LONG CENTERED IN SLAB AT ALL RE-ENTRANT (INSIDE) CORNERS OF SLAB.

SEE DETAIL 2/S5.2 FOR ADDITIONAL REINFORCEMENT AT SLAB OPENINGS.

SEE DETAIL 10/S5.1 FOR TYPICAL DETAIL AT SLAB RECESS.

SLAB BLOCKOUT MAY BE USED AT COLUMNS AT CONTRACTOR'S OPTION. EDGE/CORNER COLUMN BLOCKOUT SHAPE SHALL BE RECTANGULAR AND INTERIOR COLUMN BLOCKOUT SHAPE SHALL BE CIRCULAR. EXACT SIZE AND SHAPE SHALL BE APPROVED BY STRUCTURAL ENGINEER. PROVIDE A SUBMITTAL TO ENGINEER FOR REVIEW AND APPROVAL. ADDITIONAL #4 x 6'-0" LONG BARS SHALL BE PROVIDED ALONG ALL EDGES OF BLOCKOUT, UNLESS NOTED OTHERWISE. INCREASE SIZE OF BLOCKOUT AT DIAGONAL BRACE LOCATIONS TO ENSURE BRACE CAN BE ERECTED AND WELDS CAN BE MADE AT BRACE ATTACHMENT TO COLUMN WITHOUT REMOVAL OF SLAB. RE: 1/S5.2.

ALL CMU WALLS NOT RESTING ON GRADE BEAMS TO BEAR ON SLAB RIB PER DETAIL 8/S5.3.

BOTTOM OF ALL COLUMN BASE PLATES AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

NOTE:
SEE DETAIL 3/S5.2 AND 4/S5.2 FOR SLAB CONSTRUCTION JOINT AND SAWED-CUT JOINT DETAILS. CONSULT WITH ARCHITECT AND PROVIDE A PLAN OF PROPOSED SLAB CONSTRUCTION JOINTS AND SAWED-CUT JOINTS FOR APPROVAL.

NOTE A: 8" CMU WALL. TOP OF WALL ELEVATION IS AT BOTTOM OF STOREFRONT WINDOW. RE: ARCH. FOR MORE INFORMATION. SEE 4/S5.3 FOR ATTACHMENT TO FOUNDATION.

FLOOR DRAIN = SLOPE SLAB AT ALL FLOOR RAINS. RE: MECHANICAL/PLUMBING & ARCH. DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

SLOPE SLAB AT ALL FLOOR DRAINS (NOT SHOWN) . RE: MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

WALL LEGEND:

= INSULATED CONCRETE TILT-UP WALL (SEE S1.3a-S1.3c).

= TILT-UP CONCRETE WALL.

= 8" CMU WALL.

= 12" CMU WALL

= NON-LOAD BEARING 8" CMU WALL

RE: ARCH. DRAWINGS FOR WALL TYPES AND DIMENSIONS.

CMU WALL SCHEDULE

NOMINAL THICKNESS	VERTICAL REINFORCEMENT
8"	#5 AT 16" O.C. (1)
12"	#6 AT 32" O.C. (1)

NOTES:

FILL ALL CELLS WITH CONCRETE GROUT AND CENTER VERTICAL REINFORCEMENT IN WALL.

LADDER HORIZONTAL REINFORCEMENT AT 16" O.C.

SEE SECTIONS AND DETAILS FOR LOCATIONS OF CONTINUOUS U-BLOCKS IN WALL.

SEE ARCH. DRAWINGS FOR LOCATION OF CONTROL JOINTS.

ALL CMU WALLS NOT SHOWN ON PLAN SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. AND GROUTED SOLID (INCLUDING PARTITION WALLS). SEE ARCH. DRAWINGS. ALL WALLS TO EXTEND TO UNDERSIDE OF ROOF DECK TO GREATEST EXTENT POSSIBLE.

ALL WALLS NOT BEARING ON GRADE BEAMS TO HAVE THICKENED SLAB BELOW PER DETAIL 8/S5.3

DOWEL AND EPOXY GROUT VERTICAL BARS INTO SLAB/GRADE BEAM PER DETAILS ON SHEET S5.3.

(1) = #6 REQUIRED AT JAMBS PER CMU LINTEL SCHEDULE ON THIS SHEET AND WALL CORNERS PER DETAILS ON SHEET 8-S5.5. PROVIDE CONTINUOUS 8" DEEP U-BLOCK AT TOP OF WALL REINFORCED WITH (2)-#5 BOTTOM IN CONCRETE FILL - U.N.O.

SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

CMU LINTEL SCHEDULE

MARK	DESIGN
L1 0' TO 3'	8" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#5 CONTINUOUS IN BOTTOM OF CONCRETE FILL. BEAR ON ONE FILLED CELL WITH (1)-#6 AT FILLED AND REINFORCED JAMB.
L2 >3' TO 6'	16" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#6 CONTINUOUS IN TOP AND BOTTOM OF CONCRETE FILL. BEAR ON TWO FILLED CELLS WITH (1)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.
L3 >6' TO 14'	DOUBLE 16" DEEP U-BLOCKS AT HEAD OF OPENING. REINFORCE WITH (2)-#7 CONTINUOUS TOP AND BOTTOM IN CONCRETE FILL IN EACH U-BLOCK. REINFORCE WITH #4 VERTICALS AT 16" O.C. TYING U-BLOCKS TOGETHER. BEAR ON TWO FILLED CELLS WITH (2)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LAR36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

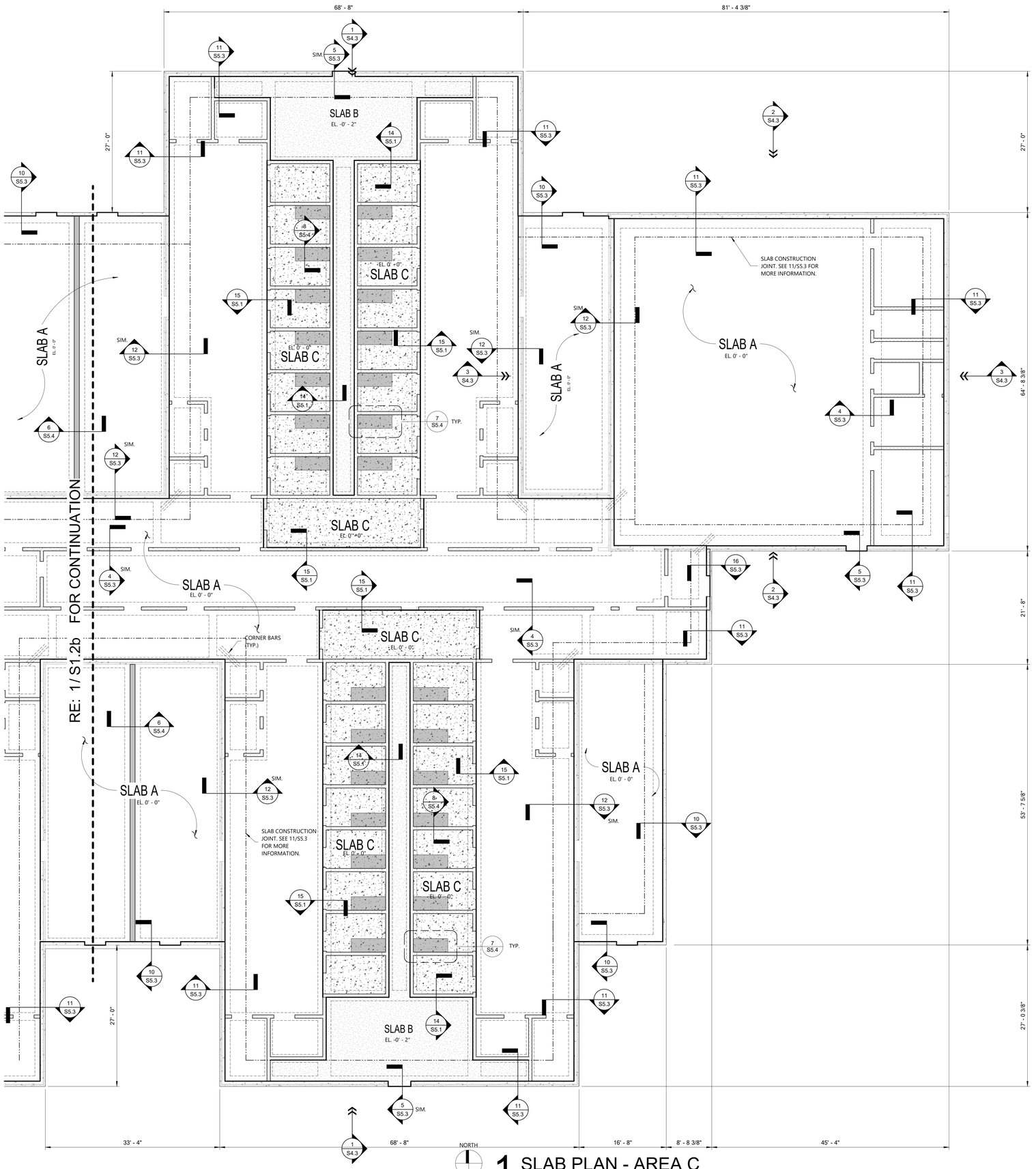
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SLAB PLAN AREA B

SHEET NUMBER
S1.2b

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:53:54 PM



1 SLAB PLAN - AREA C

1/8" = 1'-0"

SLAB PLAN NOTES AND LEGEND:

SLAB A = 5" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB B = 6" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #5 BARS AT 12" O.C. EACH WAY. USE CONCRETE BLOCKS AT INTERSECTIONS OF #5 BARS TO KEEP BARS 1-1/2" CLEAR FROM TOP OF SLAB. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

SLAB C = 8" THICK CONCRETE SLAB ON 15 MIL VAPOR RETARDER WITH TAPED JOINTS ON 4" GRAVEL ON COMPACTED FILL. REINFORCE WITH #4 BARS AT 12" O.C. EACH WAY AT TOP AND #5 BARS AT 12" O.C. EACH WAY AT BOTTOM. USE CONCRETE BLOCKS AT INTERSECTIONS OF #4 BARS TO KEEP TOP BARS 1-1/2" CLEAR FROM TOP OF SLAB AND BOTTOM BARS 1 1/2" FROM BOTTOM OF SLAB.. SUBGRADE SHALL BE INSPECTED BY TESTING AGENCY AFTER COMPACTED FILL IS COMPLETE AND IMMEDIATELY PRIOR TO PLACEMENT OF DRAINAGE COURSE.

CORNER BARS = PROVIDE (3)-#4 BARS 5'-0" LONG CENTERED IN SLAB AT ALL RE-ENTRANT (INSIDE) CORNERS OF SLAB.

SEE DETAIL 2/S5.2 FOR ADDITIONAL REINFORCEMENT AT SLAB OPENINGS.

SEE DETAIL 10/S5.1 FOR TYPICAL DETAIL AT SLAB RECESS.

SLAB BLOCKOUT MAY BE USED AT COLUMNS AT CONTRACTOR'S OPTION. EDGE/CORNER COLUMN BLOCKOUT SHAPE SHALL BE RECTANGULAR AND INTERIOR COLUMN BLOCKOUT SHAPE SHALL BE CIRCULAR. EXACT SIZE AND SHAPE SHALL BE APPROVED BY STRUCTURAL ENGINEER. PROVIDE A SUBMITTAL TO ENGINEER FOR REVIEW AND APPROVAL. ADDITIONAL #4 x 6'-0" LONG BARS SHALL BE PROVIDED ALONG ALL EDGES OF BLOCKOUT, UNLESS NOTED OTHERWISE. INCREASE SIZE OF BLOCKOUT AT DIAGONAL BRACE LOCATIONS TO ENSURE BRACE CAN BE ERECTED AND WELDS CAN BE MADE AT BRACE ATTACHMENT TO COLUMN WITHOUT REMOVAL OF SLAB. RE: 1/S5.2.

ALL CMU WALLS NOT RESTING ON GRADE BEAMS TO BEAR ON SLAB RIB PER DETAIL 8/S5.3.

BOTTOM OF ALL COLUMN BASE PLATES AT EL. -0'-6" ON 2" NON-SHRINK GROUT -U.N.O.

NOTE:
SEE DETAIL 3/S5.2 AND 4/S5.2 FOR SLAB CONSTRUCTION JOINT AND SAWED-CUT JOINT DETAILS. CONSULT WITH ARCHITECT AND PROVIDE A PLAN OF PROPOSED SLAB CONSTRUCTION JOINTS AND SAWED-CUT JOINTS FOR APPROVAL.

NOTE A: 8" CMU WALL. TOP OF WALL ELEVATION IS AT BOTTOM OF STOREFRONT WINDOW. RE: ARCH. FOR MORE INFORMATION. SEE 4/S5.3 FOR ATTACHMENT TO FOUNDATION.

FLOOR DRAIN = SLOPE SLAB AT ALL FLOOR RAINS. RE: MECHANICAL/PLUMBING & ARCH. DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

SLOPE SLAB AT ALL FLOOR DRAINS (NOT SHOWN) . RE: MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS. SEE GENERAL NOTES FOR MORE INFORMATION.

WALL LEGEND:

= INSULATED CONCRETE TILT-UP WALL (SEE S1.3a-S1.3c).

= TILT-UP CONCRETE WALL.

= 8" CMU WALL.

= 12" CMU WALL

= NON-LOAD BEARING 8" CMU WALL

RE: ARCH. DRAWINGS FOR WALL TYPES AND DIMENSIONS.

CMU WALL SCHEDULE

NOMINAL THICKNESS	VERTICAL REINFORCEMENT
8"	#5 AT 16" O.C. (1)
12"	#6 AT 32" O.C. (1)

NOTES:

FILL ALL CELLS WITH CONCRETE GROUT AND CENTER VERTICAL REINFORCEMENT IN WALL.

LADDER HORIZONTAL REINFORCEMENT AT 16" O.C.

SEE SECTIONS AND DETAILS FOR LOCATIONS OF CONTINUOUS U-BLOCKS IN WALL.

SEE ARCH. DRAWINGS FOR LOCATION OF CONTROL JOINTS.

ALL CMU WALLS NOT SHOWN ON PLAN SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. AND GROUTED SOLID (INCLUDING PARTITION WALLS). SEE ARCH. DRAWINGS. ALL WALLS TO EXTEND TO UNDERSIDE OF ROOF DECK TO GREATEST EXTENT POSSIBLE.

ALL WALLS NOT BEARING ON GRADE BEAMS TO HAVE THICKENED SLAB BELOW PER DETAIL 8/S5.3

DOWEL AND EPOXY GROUT VERTICAL BARS INTO SLAB/GRADE BEAM PER DETAILS ON SHEET S5.3.

(1) = #6 REQUIRED AT JAMBS PER CMU LINTEL SCHEDULE ON THIS SHEET AND WALL CORNERS PER DETAILS ON SHEET 8-S5.5. PROVIDE CONTINUOUS 8" DEEP U-BLOCK AT TOP OF WALL REINFORCED WITH (2)-#5 BOTTOM IN CONCRETE FILL - U.N.O.

SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

CMU LINTEL SCHEDULE

MARK	DESIGN
L1 0' TO 3'	8" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#5 CONTINUOUS IN BOTTOM OF CONCRETE FILL. BEAR ON ONE FILLED CELL WITH (1)-#6 AT FILLED AND REINFORCED JAMB.
L2 >3' TO 6'	16" DEEP U-BLOCK AT HEAD OF OPENING. REINFORCE WITH (2)-#6 CONTINUOUS IN TOP AND BOTTOM OF CONCRETE FILL. BEAR ON TWO FILLED CELLS WITH (1)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.
L3 >6' TO 14'	DOUBLE 16" DEEP U-BLOCKS AT HEAD OF OPENING. REINFORCE WITH (2)-#7 CONTINUOUS TOP AND BOTTOM IN CONCRETE FILL IN EACH U-BLOCK. REINFORCE WITH #4 VERTICALS AT 16" O.C. TYING U-BLOCKS TOGETHER. BEAR ON TWO FILLED CELLS WITH (2)-#6 EACH CELL AT FILLED AND REINFORCED JAMB.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

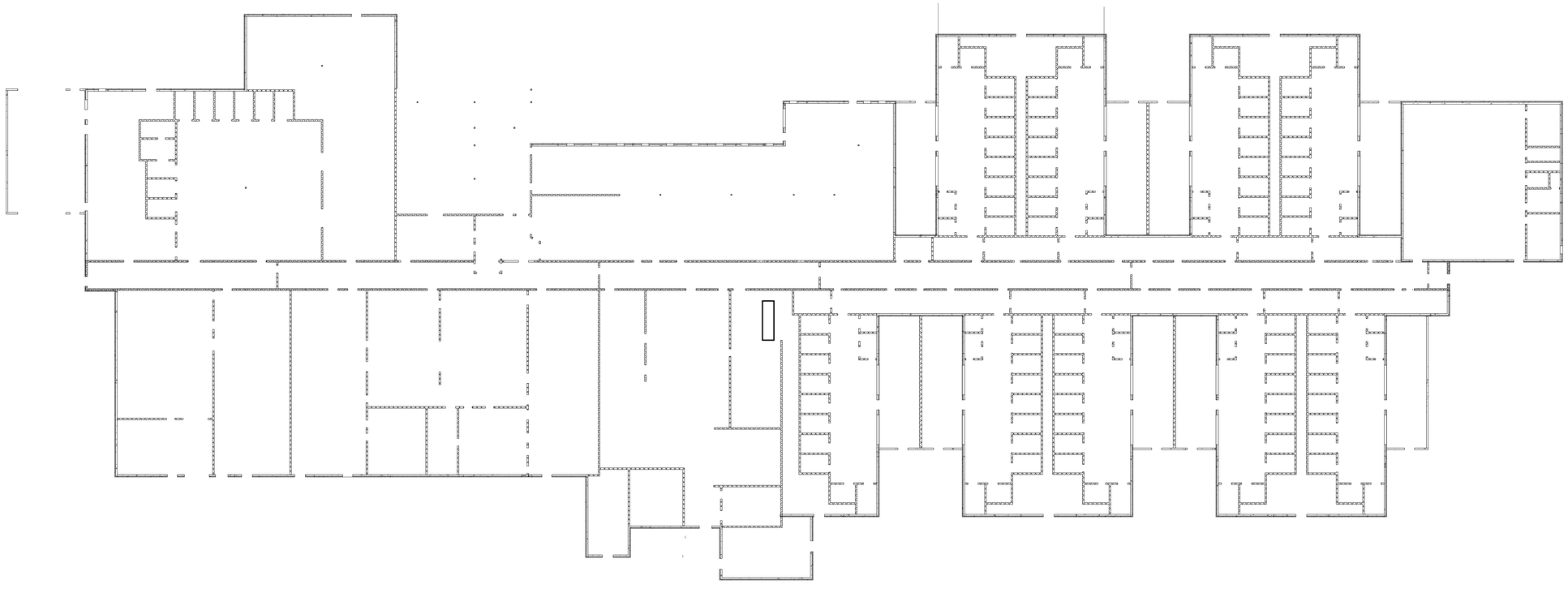
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SLAB PLAN AREA C

SHEET NUMBER
S1.2c

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:05:17 PM



NORTH

1 OVERALL TILT-UP WALL AND CMU WALL PLAN

1" = 20'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:05:13 PM

Grace
Design Studios

FOR PERMIT
PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

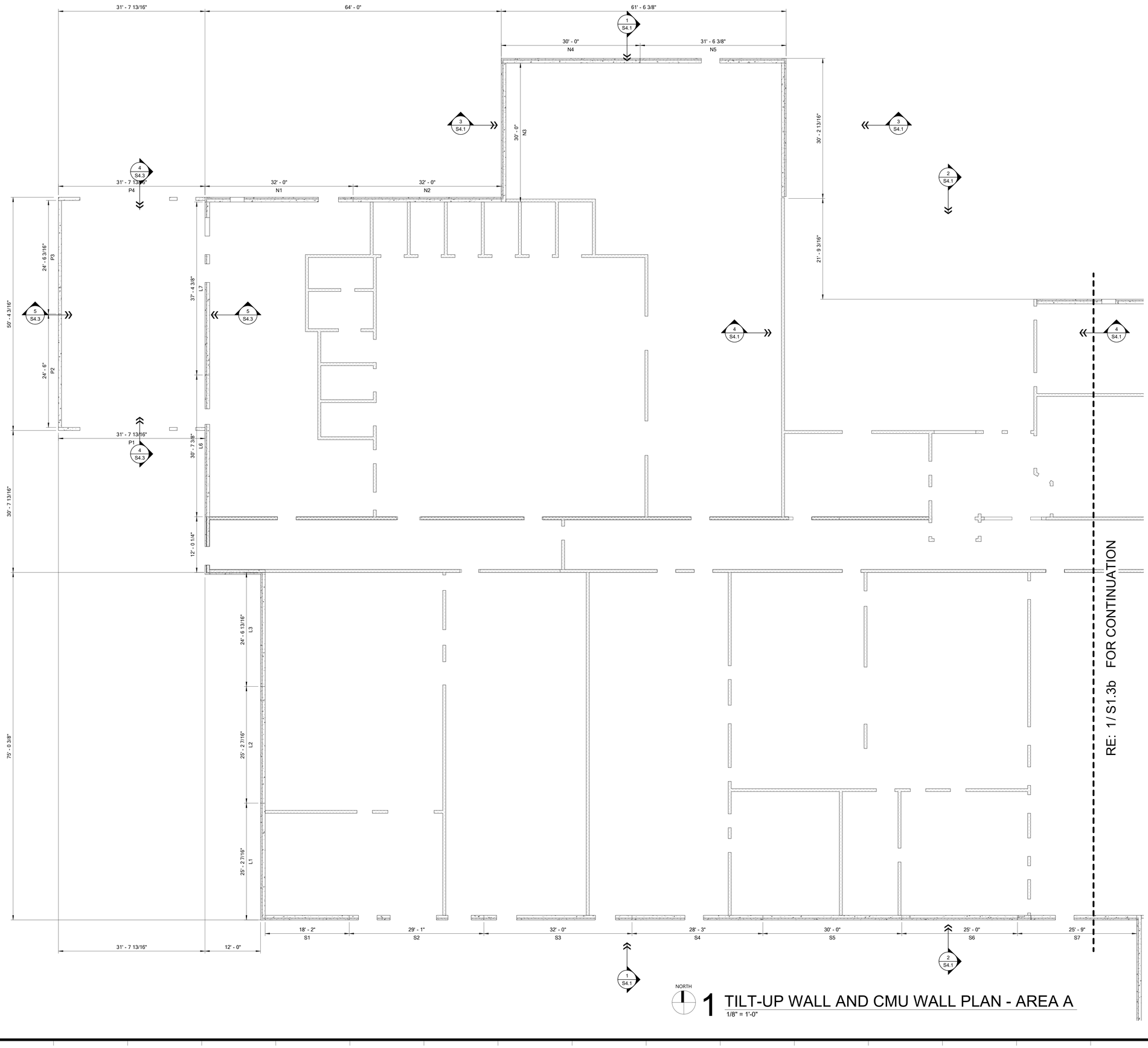
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

Overall Tilt Wall and CMU Plan

SHEET NUMBER

S1.3



TILT-UP WALL PLAN NOTES AND LEGEND:

SEE S6.4 THROUGH S6.8 FOR TILT-UP PANEL CONNECTION TYPES AND ADDITIONAL INFORMATION.

THE DIMENSIONS FOR PANEL ELEVATIONS SHALL BE COORDINATED WITH ARCH. DRAWINGS.

COORDINATE WALL OPENINGS WITH ARCH. DRAWINGS.

SEE TILT-UP CONCRETE SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS FOR TILT-UP CONCRETE WHICH INCLUDE DETAILED PANEL FABRICATION DRAWINGS AND EMBED/ANCHOR LAYOUTS PER THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS.

P1 = TILT-UP WALL PANEL DESIGNATION. SEE S6.7 FOR MORE INFORMATION.

NORTH

1 TILT-UP WALL AND CMU WALL PLAN - AREA A

1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:05:33 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL PLAN - AREA A

SHEET NUMBER

S1.3a

TILT-UP WALL PLAN NOTES AND LEGEND:

SEE S6.4 THROUGH S6.8 FOR TILT-UP PANEL CONNECTION TYPES AND ADDITIONAL INFORMATION.

THE DIMENSIONS FOR PANEL ELEVATIONS SHALL BE COORDINATED WITH ARCH. DRAWINGS.

COORDINATE WALL OPENINGS WITH ARCH. DRAWINGS.

SEE TILT-UP CONCRETE SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS FOR TILT-UP CONCRETE WHICH INCLUDE DETAILED PANEL FABRICATION DRAWINGS AND EMBED/ANCHOR LAYOUTS PER THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS.

P1 = TILT-UP WALL PANEL DESIGNATION. SEE S6.7 FOR MORE INFORMATION.

RE: 1 / S1.3a FOR CONTINUATION

RE: 1 / S1.3c FOR CONTINUATION

1 TILT-UP WALL AND CMU WALL PLAN - AREA B
1/8" = 1'-0"

NORTH

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:52:21 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

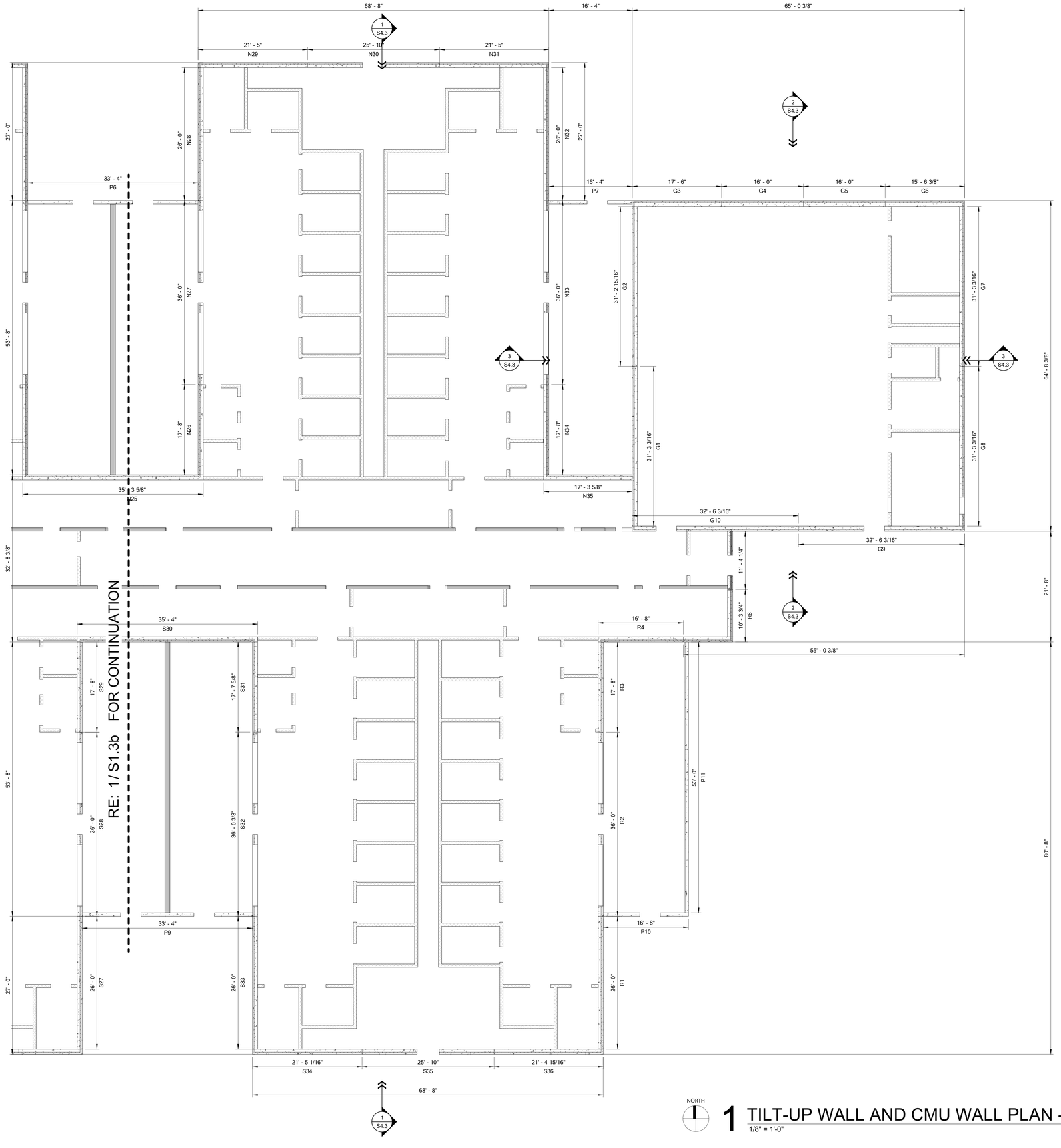
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL PLAN - AREA B

SHEET NUMBER
S1.3b



TILT-UP WALL PLAN NOTES AND LEGEND:

SEE S6.4 THROUGH S6.8 FOR TILT-UP PANEL CONNECTION TYPES AND ADDITIONAL INFORMATION.

THE DIMENSIONS FOR PANEL ELEVATIONS SHALL BE COORDINATED WITH ARCH. DRAWINGS.

COORDINATE WALL OPENINGS WITH ARCH. DRAWINGS.

SEE TILT-UP CONCRETE SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS FOR TILT-UP CONCRETE WHICH INCLUDE DETAILED PANEL FABRICATION DRAWINGS AND EMBED/ANCHOR LAYOUTS PER THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS.

P1 = TILT-UP WALL PANEL DESIGNATION. SEE S6.7 FOR MORE INFORMATION.

NORTH

1 TILT-UP WALL AND CMU WALL PLAN - AREA C

1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 3:03:23 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
ⓒ 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

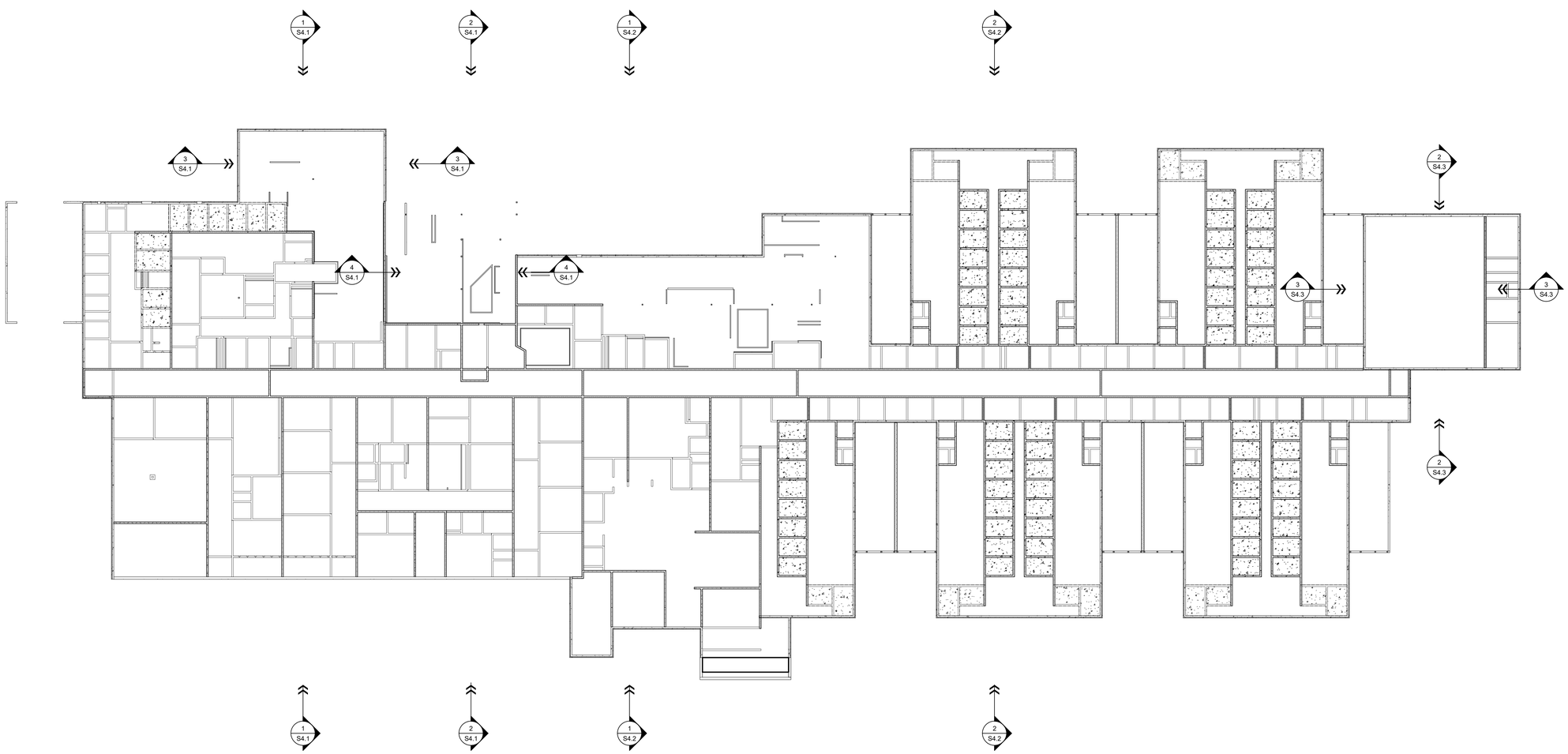
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL PLAN - AREA C

SHEET NUMBER
S1.3c



NORTH

1 CEILING FRAMING PLAN - OVERALL

1" = 20'-0"

Grace
Design Studios

FOR PERMIT
PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX:NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

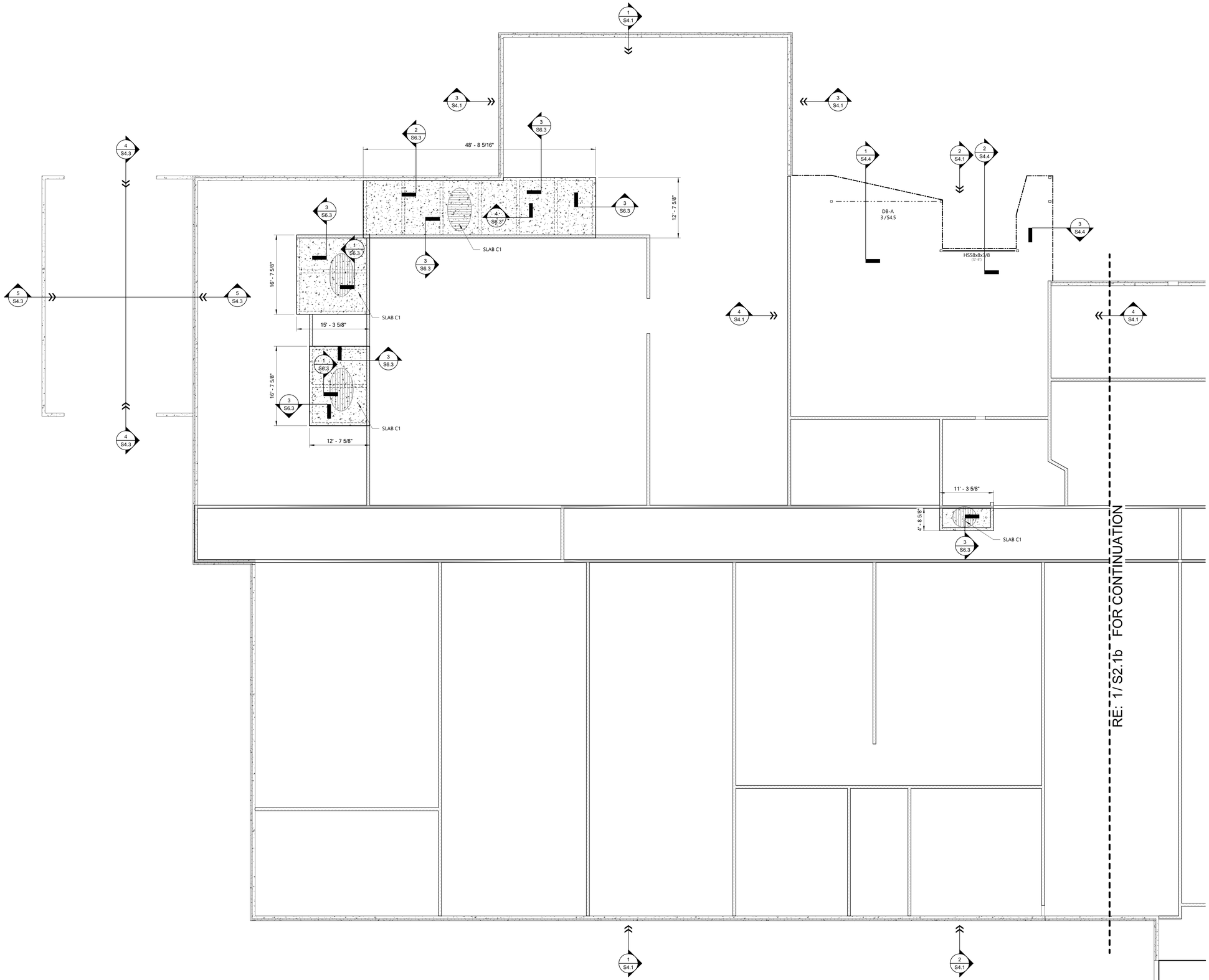
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

CEILING FRAMING PLAN
OVERALL

SHEET NUMBER
S2.1

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:05:28 PM



CEILING PLAN NOTES AND LEGEND:

SLAB C1 =8" THICK CONCRETE CEILING SLAB. BOTTOM OF SLAB ELEVATION 12'-0". REINFORCE WITH ONE LAYER OF #5 BARS AT 12" O.C. EACH WAY AT BOTTOM OF SLAB AND 4x4-W4.0xW4.0 WWF 1 1/2" CLEAR FROM TOP OF SLAB.

MEZZANINE SLAB = 4" THICK (TOTAL) NORMAL WEIGHT CONCRETE ON 1.0C 22 GAGE GALVANIZED METAL FLOOR DECK . REINF. WITH WWF 4x4 W4.0/W4.0 CENTERED IN CONCRETE THICKNESS ABOVE METAL DECK. TOP OF CONCRETE AT EL. 14'-0

SEE S6.3 FOR MORE DETAILS.

NORTH

1 CEILING FRAMING PLAN - AREA A

1/8" = 1'-0"

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

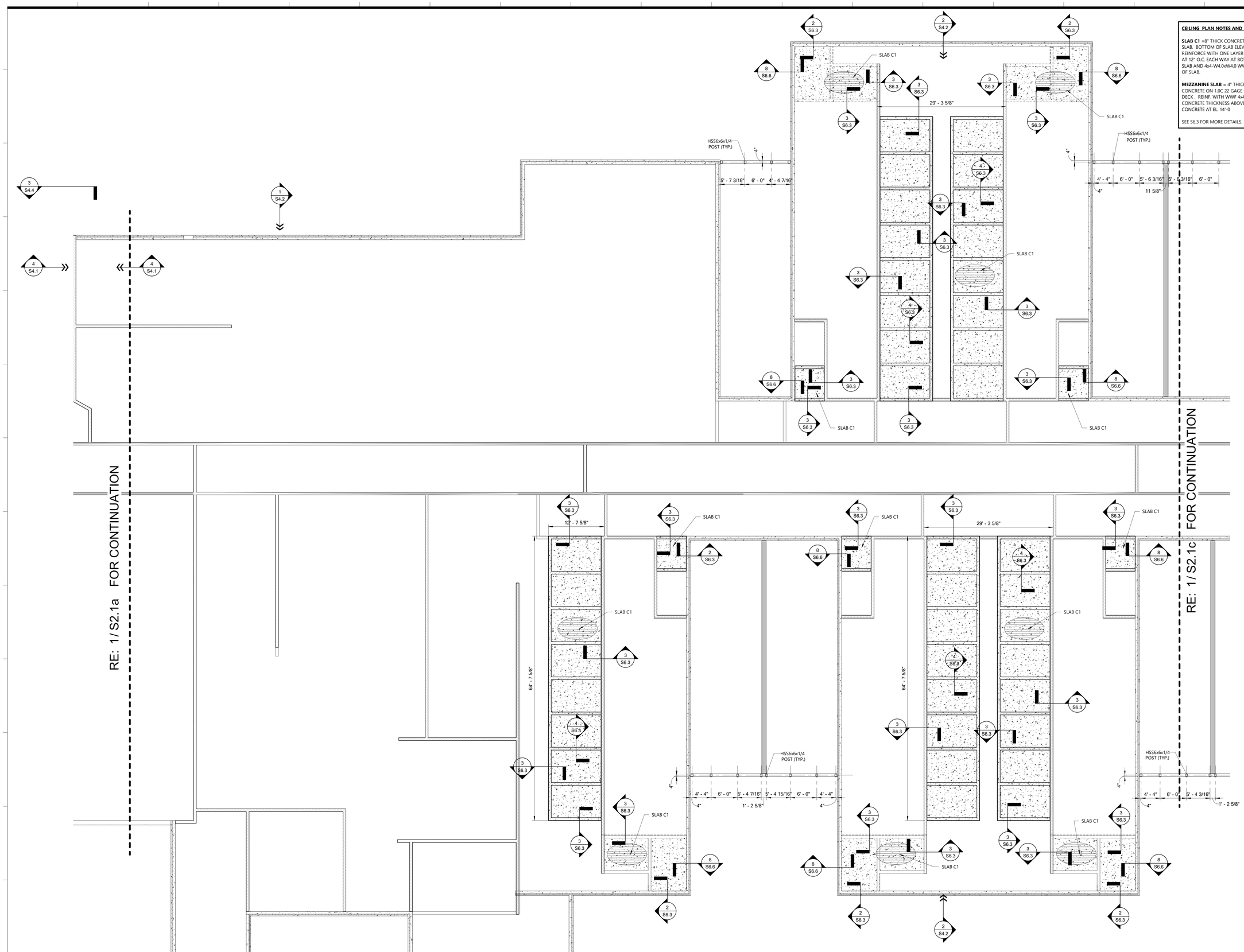
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CEILING FRAMING PLAN
AREA A

SHEET NUMBER
S2.1a

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - StructuralLvrt
5/30/2026 6:05:51 PM



CEILING PLAN NOTES AND LEGEND:

SLAB C1 =8" THICK CONCRETE CEILING SLAB. BOTTOM OF SLAB ELEVATION 12'-0". REINFORCE WITH ONE LAYER OF #5 BARS AT 12" O.C. EACH WAY AT BOTTOM OF SLAB AND 4x4-W4.0xW4.0 WWF 1 1/2" CLEAR FROM TOP OF SLAB.

MEZZANINE SLAB = 4" THICK (TOTAL) NORMAL WEIGHT CONCRETE ON 1.0C 22 GAGE GALVANIZED METAL FLOOR DECK . REINF. WITH WWF 4x4 W4.0/W4.0 CENTERED IN CONCRETE THICKNESS ABOVE METAL DECK. TOP OF CONCRETE AT EL. 14'-0

SEE S6.3 FOR MORE DETAILS.

NORTH

1 CEILING FRAMING PLAN - AREA B

1/8" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:45:53 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
© 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

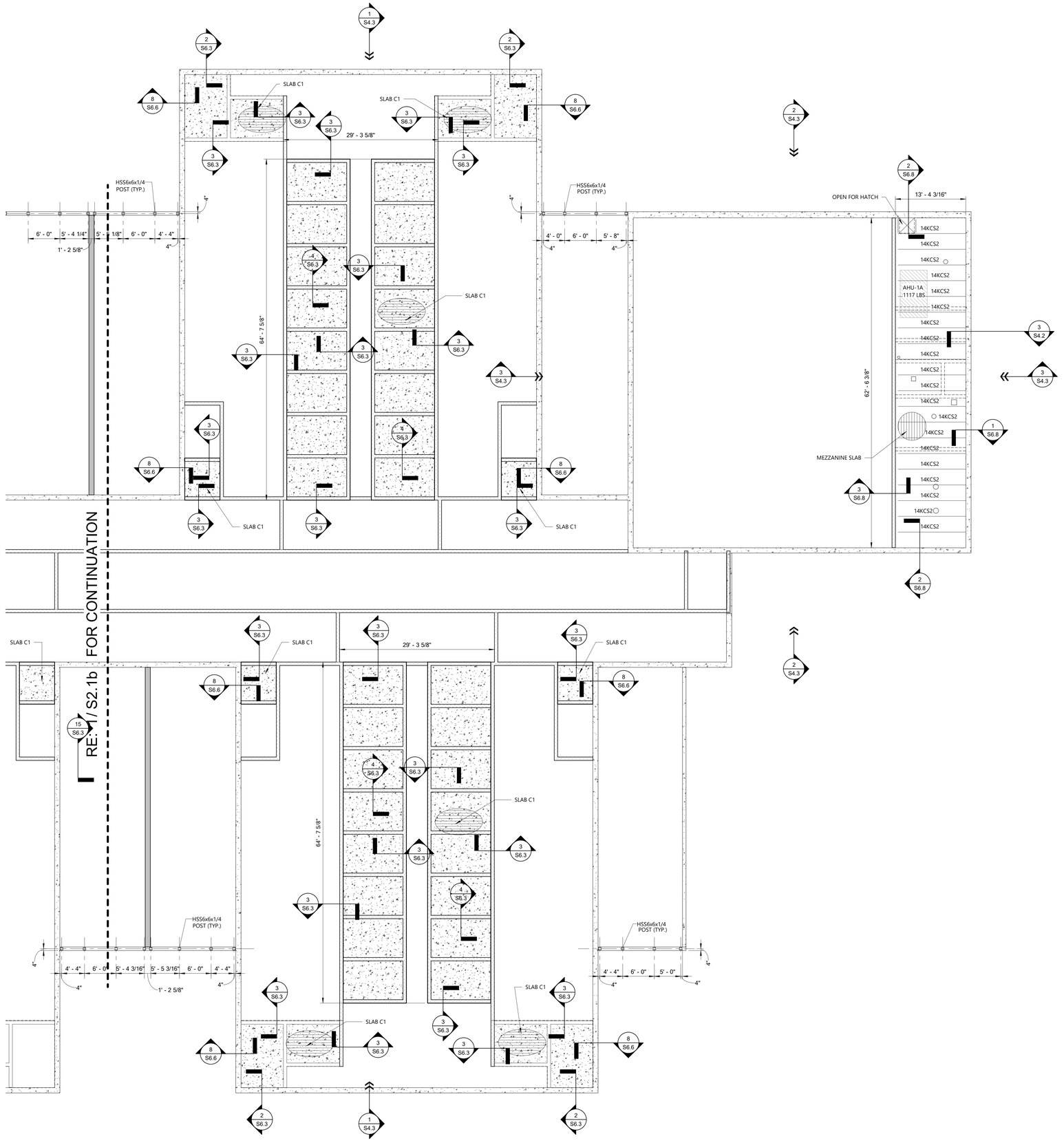
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CEILING FRAMING PLAN AREA B

SHEET NUMBER

S2.1b



NORTH

1 CEILING FRAMING PLAN - AREA C
1/8" = 1'-0"

CEILING PLAN NOTES AND LEGEND:

SLAB C1 =8" THICK CONCRETE CEILING SLAB. BOTTOM OF SLAB ELEVATION 12'-0". REINFORCE WITH ONE LAYER OF #5 BARS AT 12" O.C. EACH WAY AT BOTTOM OF SLAB AND 4x4-W4.0xW4.0 WWF 1 1/2" CLEAR FROM TOP OF SLAB.

MEZZANINE SLAB = 4" THICK (TOTAL) NORMAL WEIGHT CONCRETE ON 1.0C 22 GAGE GALVANIZED METAL FLOOR DECK . REINF. WITH WWF 4x4 W4.0/W4.0 CENTERED IN CONCRETE THICKNESS ABOVE METAL DECK. TOP OF CONCRETE AT EL. 14'-0

SEE S6.3 FOR MORE DETAILS.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

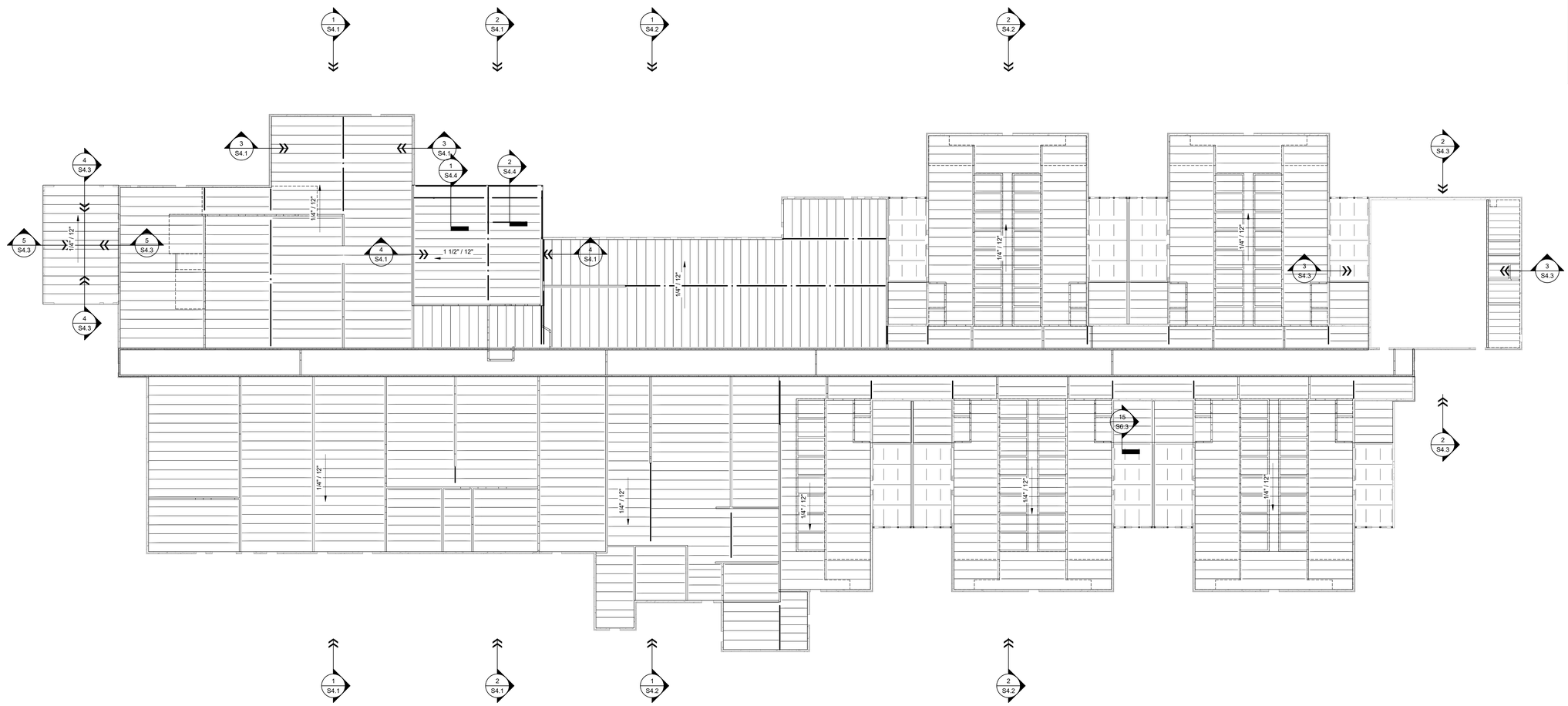
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CEILING FRAMING PLAN
AREA C

SHEET NUMBER
S2.1c

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:05:58 PM



NORTH

1 ROOF FRAMING PLAN - OVERALL

1" = 20'-0"

ROOF FRAMING PLAN NOTES AND LEGEND:

ROOF DECK = GALVANIZED 1.5B-22 GAGE G60 METAL ROOF DECK.

ROOF JOISTS SHALL BE EQUALLY SPACED IN FRAMING BAYS - UNLESS NOTED OTHERWISE. SEE DETAIL 18/S6.1 FOR REQUIRED STAGGERING OF JOISTS.

T.O.J. = TOP OF JOIST.

T.O.W. = TOP OF WALL.

E.O.A. = EDGE OF ANGLE.

BOC = BEAM OVER COLUMN - RE: 7/S6.1.

B.O.D. = BOTTOM OF DECK

C = CENTERLINE

E.J. = ROOF/BLDG/ EXPANSION JOINT.

[1] = CONNECT BEAM TO CMU WALL PER DETAIL 1/S5.6.

[2] = CONNECT BEAM TO CMU WALL PER DETAIL 2/S5.6.

[3] = PROVIDE 5" DEEP JOIST BEARING SEATS AT INTERIOR BEARING WALL.

AH = MECHANICAL AIR HANDLING UNIT. GC TO COORDINATE EXACT SIZE, WEIGHT, AND LOCATIONS OF UNITS, AS WELL AS DISTRIBUTION OF LOAD WITHIN UNITS. ESTIMATED TOTAL WEIGHT OF UNIT IS PROVIDED ON PLAN. RE: 5/S6.3.

EF = EXHAUST FAN - FRAME OPENING IN ROOF PER DETAIL 16/S6.1.

KH = KITCHEN HOOD. CONNECT HANGER RODS TO ANGLE PER NOTE 2. SEE S3.1b

[BB] = BASKETBALL GOAL. RE: ARCH. SUPPLIER SHALL DESIGN AND PROVIDE ALL STEEL SUBSTRUCTURE COMPONENTS AS REQUIRED TO SUSPEND GOAL FROM ROOF STRUCTURE. PANEL POINTS IN SUPPORTING ROOF JOISTS SHALL BE PLACED AT GOAL LOAD POINTS. JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL LOAD FROM GOALS. GC TO COORDINATE. JOIST X-BRIDGING SHALL BE LOCATED ON BOTH SIDES OF JOIST AT EACH ATTACHMENT POINT.

NOTE:

PROVIDE ANY ADDITIONAL STEEL AS REQUIRED TO ATTACH BASKETBALL GOAL SUPPORTS TO ROOF JOIST MEMBERS. PROVIDE PANEL POINTS IN ROOF JOISTS PER DETAIL 17/S6.1 AT POINT LOADS AS REQUIRED.

NOTE A:

PROVIDE COLUMN X-BRACING TO BEAM PER DETAIL 10/S6.8.

REC YARD COVERS: STEEL FRAMING OVER REC YARDS SHALL BE HOT DIP GALVANIZED.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B-30

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

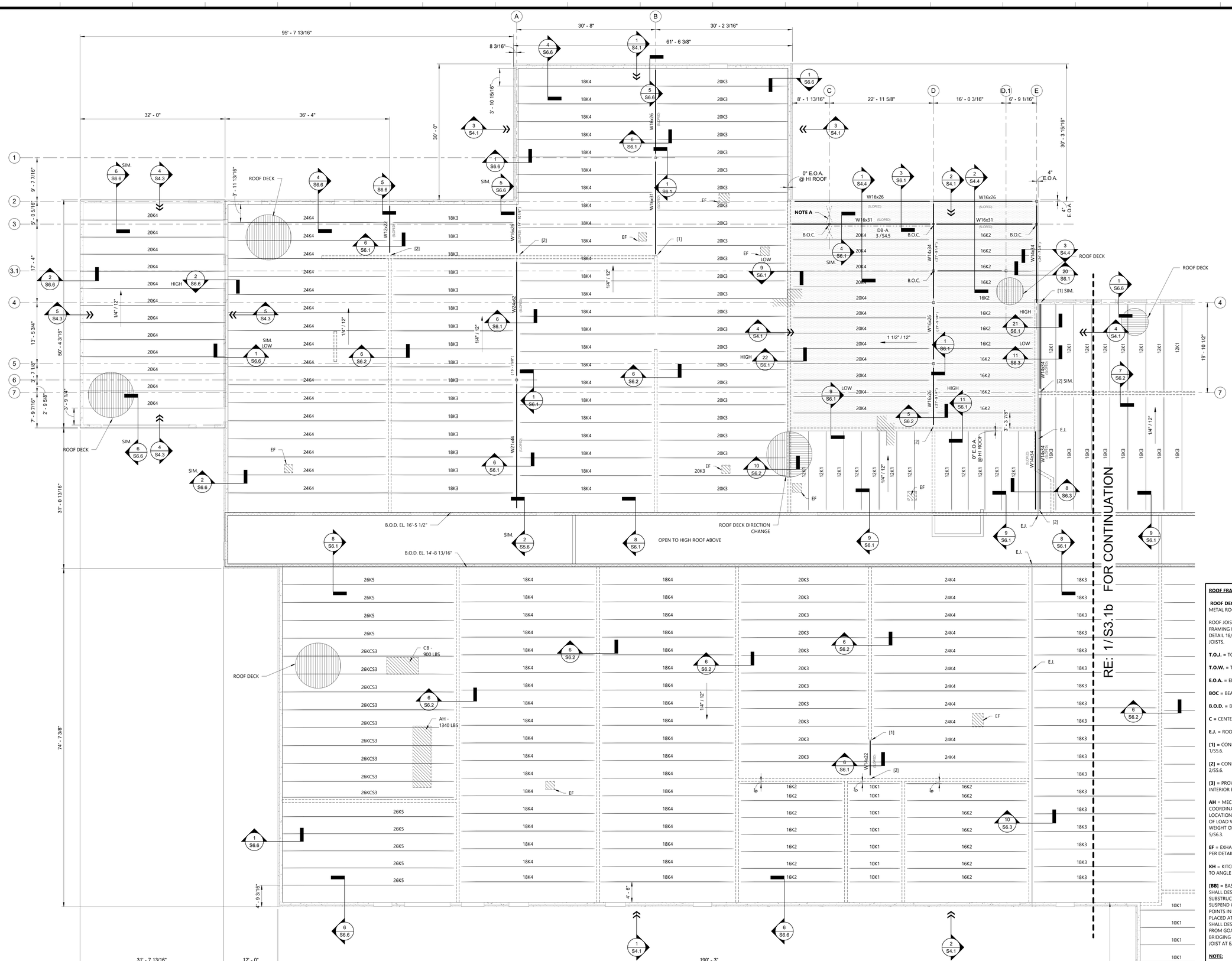
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF FRAMING PLAN OVERALL

SHEET NUMBER

S3.1

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:05:43 PM



NORTH

1 ROOF FRAMING PLAN - AREA A

1/8" = 1'-0"

ROOF FRAMING PLAN NOTES AND LEGEND:

ROOF DECK = GALVANIZED 1.5B-22 GAGE G60 METAL ROOF DECK.

ROOF JOISTS SHALL BE EQUALLY SPACED IN FRAMING BAYS - UNLESS NOTED OTHERWISE. SEE DETAIL 18/S6.1 FOR REQUIRED STAGGERING OF JOISTS.

T.O.J. = TOP OF JOIST.

T.O.W. = TOP OF WALL.

E.O.A. = EDGE OF ANGLE.

BOC = BEAM OVER COLUMN - RE: 7/S6.1.

B.O.D. = BOTTOM OF DECK

C = CENTERLINE

E.J. = ROOF/BLDG/ EXPANSION JOINT.

[1] = CONNECT BEAM TO CMU WALL PER DETAIL 1/S5.6.

[2] = CONNECT BEAM TO CMU WALL PER DETAIL 2/S5.6.

[3] = PROVIDE 5" DEEP JOIST BEARING SEATS AT INTERIOR BEARING WALL.

AH = MECHANICAL AIR HANDLING UNIT. GC TO COORDINATE EXACT SIZE, WEIGHT, AND LOCATIONS OF UNITS, AS WELL AS DISTRIBUTION OF LOAD WITHIN UNITS. ESTIMATED TOTAL WEIGHT OF UNIT IS PROVIDED ON PLAN. RE: 5/S6.3.

EF = EXHAUST FAN - FRAME OPENING IN ROOF PER DETAIL 16/S6.1.

KH = KITCHEN HOOD. CONNECT HANGER RODS TO ANGLE PER NOTE 2. SEE S3.1b

[BB] = BASKETBALL GOAL RE: ARCH. SUPPLIER SHALL DESIGN AND PROVIDE ALL STEEL SUBSTRUCTURE COMPONENTS AS REQUIRED TO SUSPEND GOAL FROM ROOF STRUCTURE. PANEL POINTS IN SUPPORTING ROOF JOISTS SHALL BE PLACED AT GOAL LOAD POINTS. JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL LOAD FROM GOALS. GC TO COORDINATE. JOIST X-BRIDGING SHALL BE LOCATED ON BOTH SIDES OF JOIST AT EACH ATTACHMENT POINT.

NOTE:

PROVIDE ANY ADDITIONAL STEEL AS REQUIRED TO ATTACH BASKETBALL GOAL SUPPORTS TO ROOF JOIST MEMBERS. PROVIDE PANEL POINTS IN ROOF JOISTS PER DETAIL 17/S6.1 AT POINT LOADS AS REQUIRED.

NOTE A:

PROVIDE COLUMN X-BRACING TO BEAM PER DETAIL 10/S6.8.

REC YARD COVERS: STEEL FRAMING OVER REC YARDS SHALL BE HOT DIP GALVANIZED.

RE: 1/ S3.1b FOR CONTINUATION

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
© 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

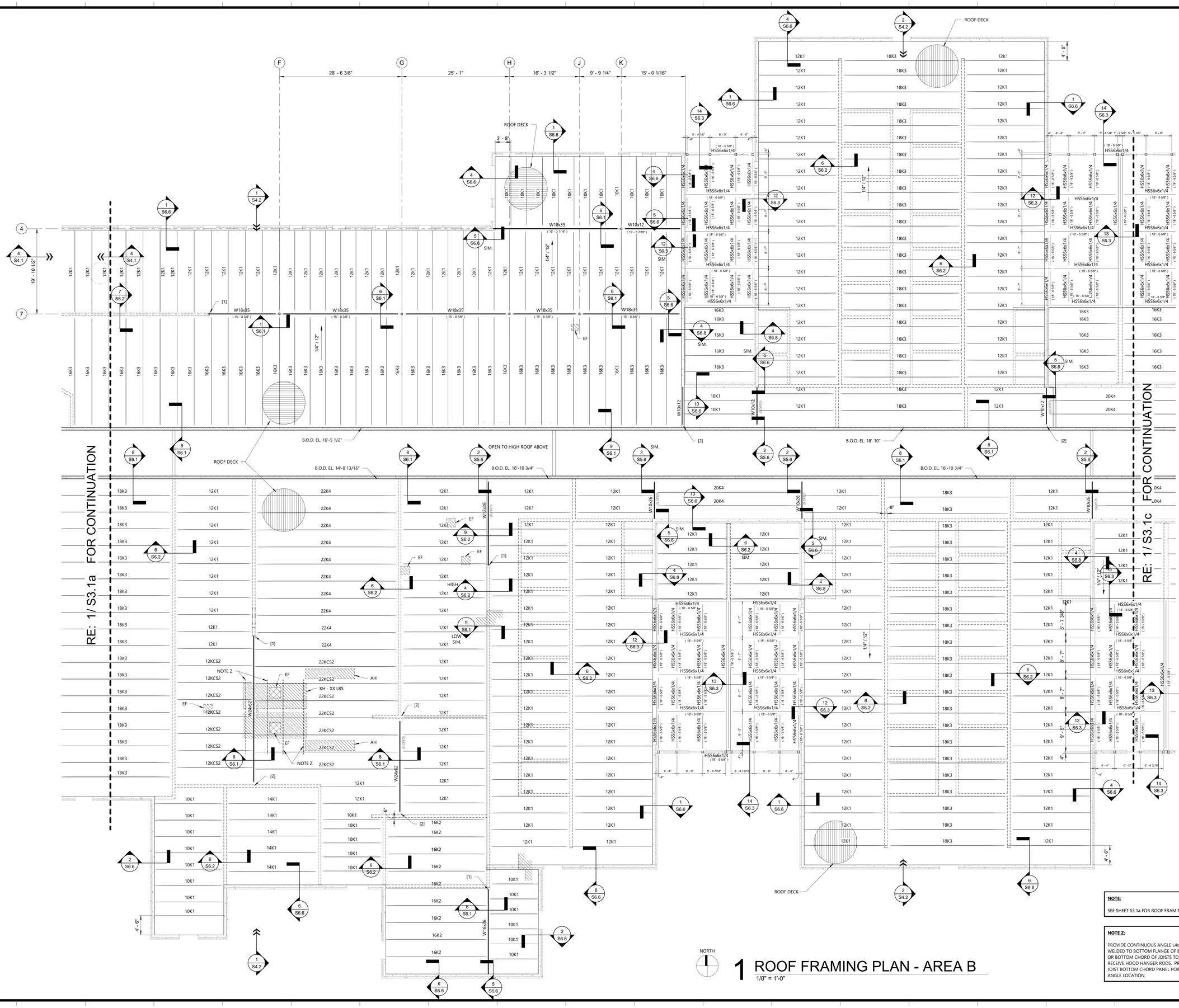
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF FRAMING PLAN AREA A

SHEET NUMBER

S3.1a

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:05:47 PM



1 ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"

NOTE:
SEE SHEET S3.1a FOR ROOF FRAMING PLAN NOTES

NOTE Z:
PROVIDE CONTINUOUS ANGLE L4x4x1/4 WELDED TO BOTTOM FLANGE OF BEAM OR BOTTOM CHORD OF JOISTS TO RECEIVE HOOD HANGER RODS. PROVIDE JOIST BOTTOM CHORD PANEL POINT AT ANGLE LOCATION.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
© 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

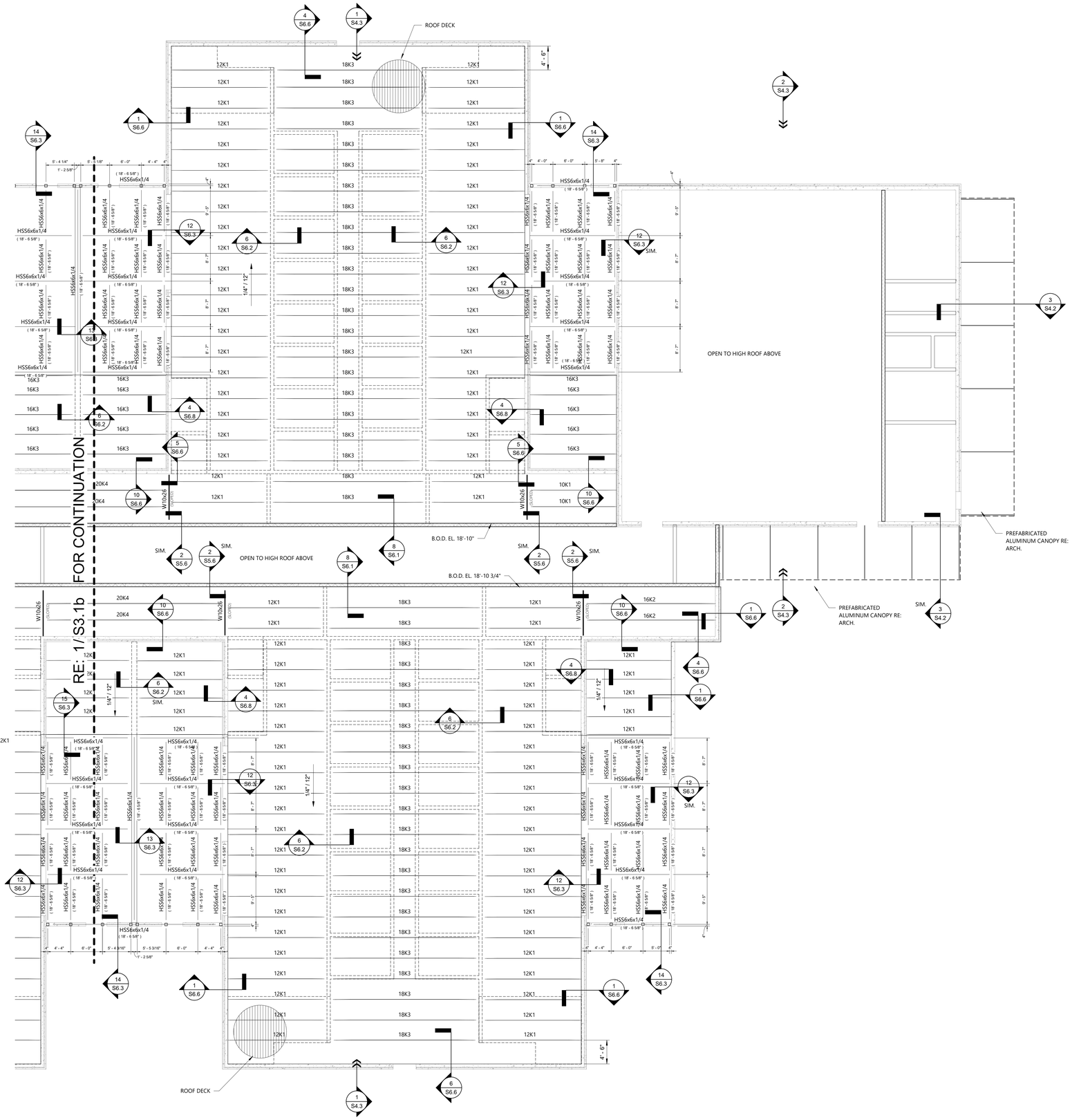
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF FRAMING PLAN
AREA B

SHEET NUMBER
S3.1b

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:05:34 PM



1 ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

NORTH

NOTE:

SEE SHEET S3.1a FOR ROOF FRAMING PLAN NOTES

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
© 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

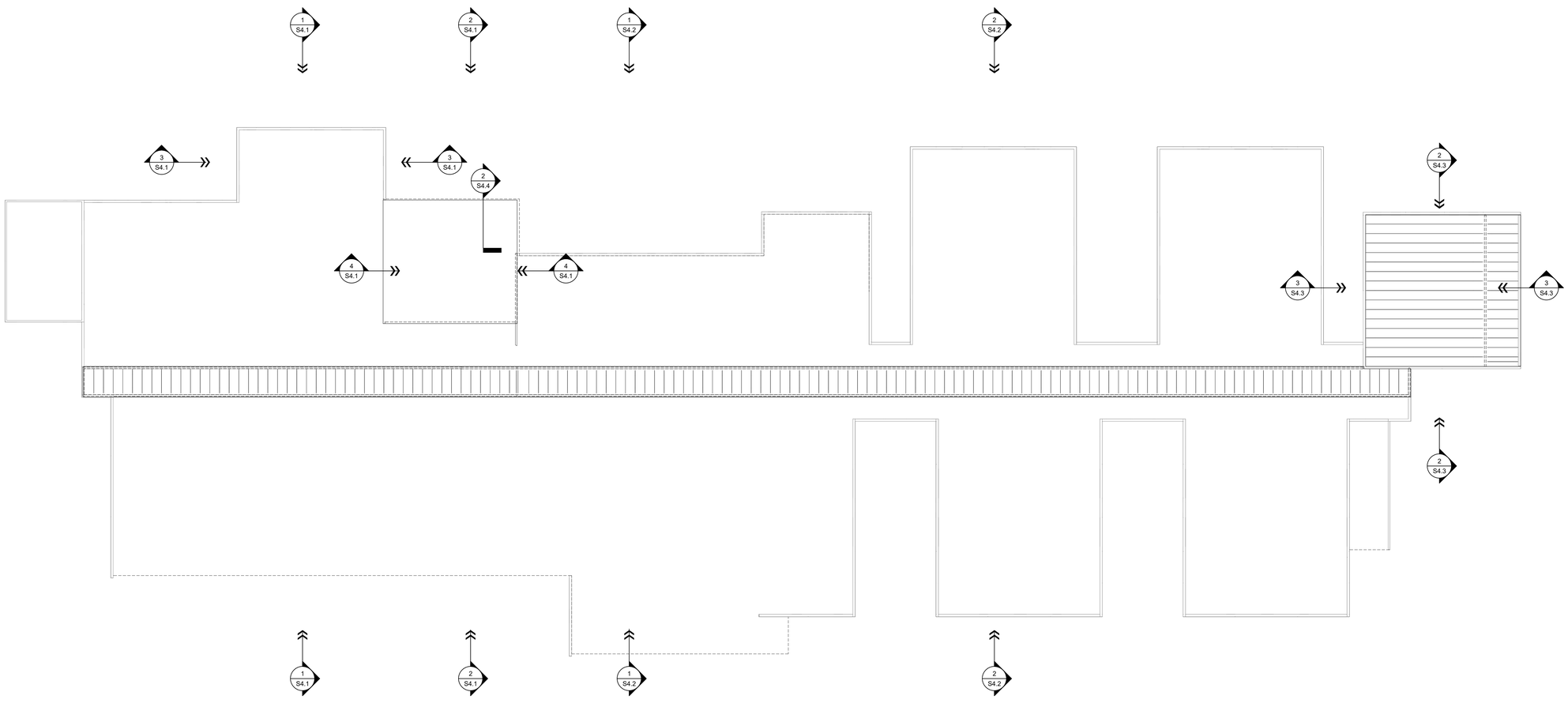
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF FRAMING PLAN AREA C

SHEET NUMBER
S3.1c

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - StructuraLrvt
3/30/2026 6:06:02 PM



NORTH

1 HIGH ROOF FRAMING PLAN - OVERALL

1" = 20'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:04:57 PM

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX::NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

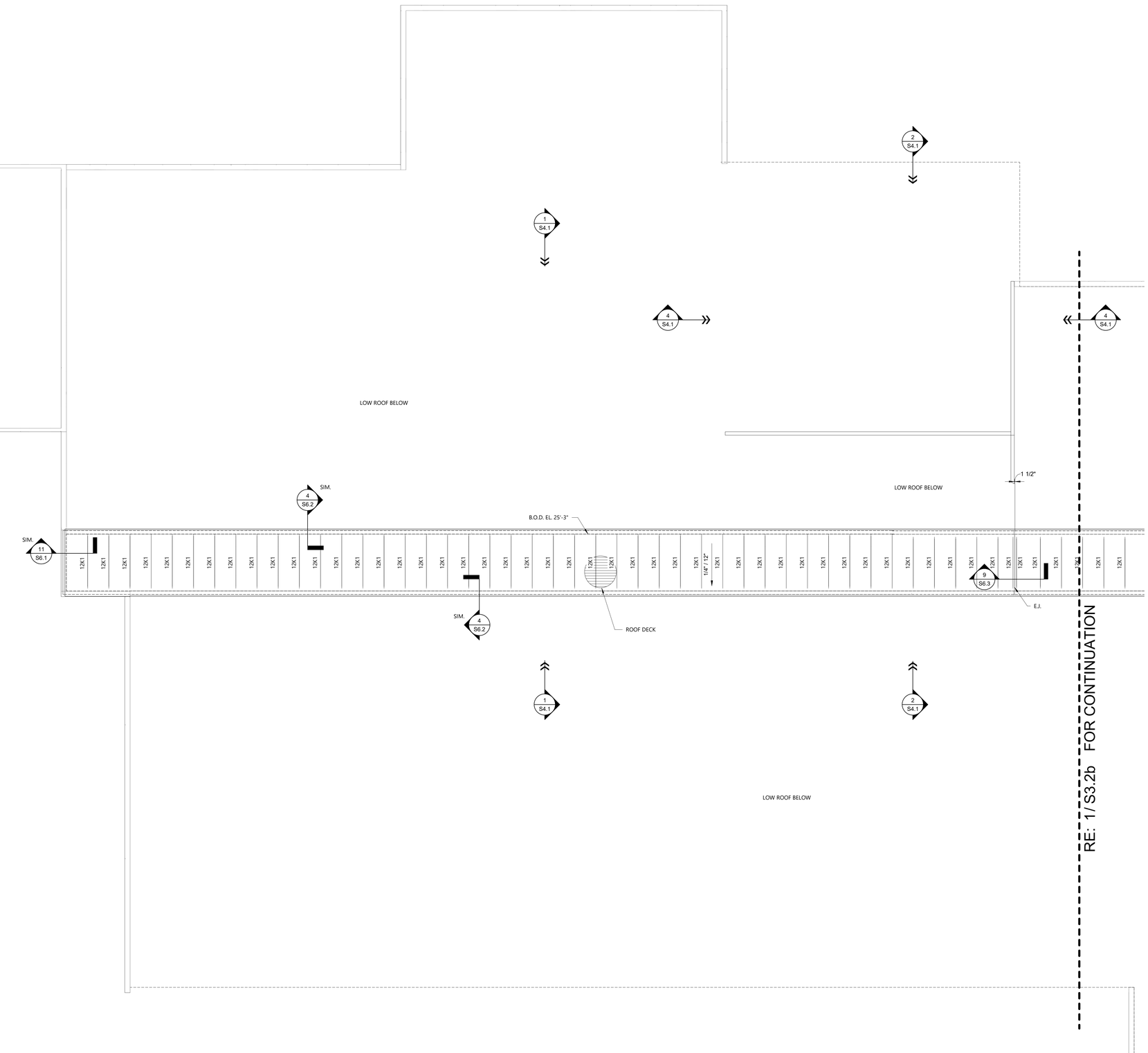
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HIGH ROOF FRAMING PLAN OVERALL

SHEET NUMBER

S3.2



NORTH

1 HIGH ROOF FRAMING PLAN - AREA A

1/8" = 1'-0"

ROOF FRAMING PLAN NOTES AND LEGEND:

ROOF DECK = GALVANIZED 1.5B-22 GAGE G60 METAL ROOF DECK.

ROOF JOISTS SHALL BE EQUALLY SPACED IN FRAMING BAYS - UNLESS NOTED OTHERWISE. SEE DETAIL 18/S6.1 FOR REQUIRED STAGGERING OF JOISTS.

T.O.J. = TOP OF JOIST.

T.O.W. = TOP OF WALL.

E.O.A. = EDGE OF ANGLE.

BOC = BEAM OVER COLUMN - RE: 7/S6.1.

B.O.D. = BOTTOM OF DECK

C = CENTERLINE

E.J. = ROOF/BLDG/ EXPANSION JOINT.

[1] = CONNECT BEAM TO CMU WALL PER DETAIL 1/S5.6.

[2] = CONNECT BEAM TO CMU WALL PER DETAIL 2/S5.6.

[3] = PROVIDE 5" DEEP JOIST BEARING SEATS AT INTERIOR BEARING WALL.

AH = MECHANICAL AIR HANDLING UNIT. GC TO COORDINATE EXACT SIZE, WEIGHT, AND LOCATIONS OF UNITS, AS WELL AS DISTRIBUTION OF LOAD WITHIN UNITS. ESTIMATED TOTAL WEIGHT OF UNIT IS PROVIDED ON PLAN. RE: 5/S6.3.

EF = EXHAUST FAN - FRAME OPENING IN ROOF PER DETAIL 16/S6.1.

KH = KITCHEN HOOD. CONNECT HANGER RODS TO ANGLE PER NOTE Z. SEE S3.1b

[BB] = BASKETBALL GOAL. RE: ARCH. SUPPLIER SHALL DESIGN AND PROVIDE ALL STEEL SUBSTRUCTURE COMPONENTS AS REQUIRED TO SUSPEND GOAL FROM ROOF STRUCTURE. PANEL POINTS IN SUPPORTING ROOF JOISTS SHALL BE PLACED AT GOAL LOAD POINTS. JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL LOAD FROM GOALS. GC TO COORDINATE. JOIST X-BRIDGING SHALL BE LOCATED ON BOTH SIDES OF JOIST AT EACH ATTACHMENT POINT.

NOTE:

PROVIDE ANY ADDITIONAL STEEL AS REQUIRED TO ATTACH BASKETBALL GOAL SUPPORTS TO ROOF JOIST MEMBERS. PROVIDE PANEL POINTS IN ROOF JOISTS PER DETAIL 17/S6.1 AT POINT LOADS AS REQUIRED.

NOTE A:

PROVIDE COLUMN X-BRACING TO BEAM PER DETAIL 10/S6.8.

REC YARD COVERS: STEEL FRAMING OVER REC YARDS SHALL BE HOT DIP GALVANIZED.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

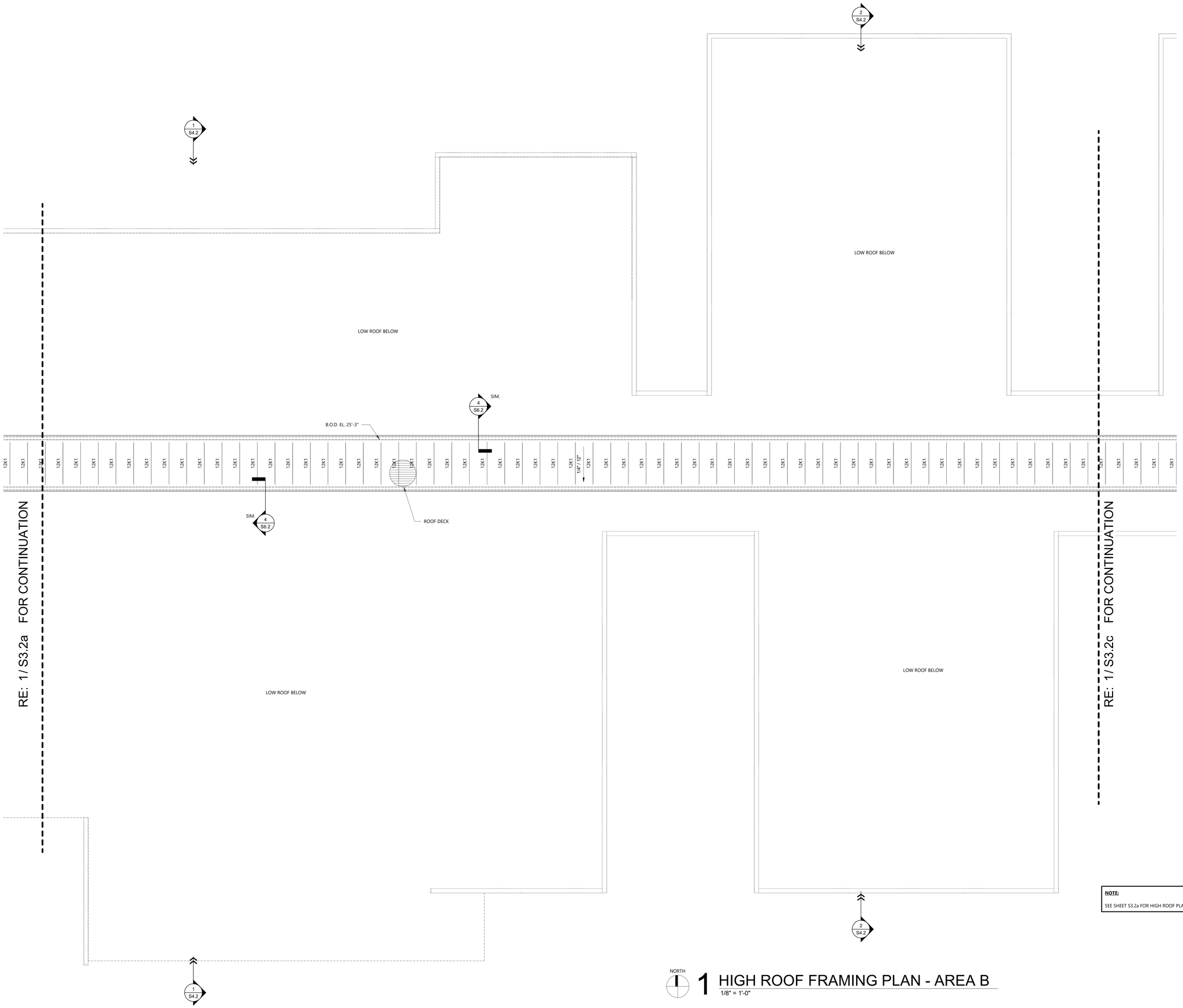
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HIGH ROOF FRAMING PLAN AREA A

SHEET NUMBER

S3.2a

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:48:07 PM



NORTH

1 HIGH ROOF FRAMING PLAN - AREA B

1/8" = 1'-0"

NOTE:

SEE SHEET S3.2a FOR HIGH ROOF PLAN NOTES

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:06:13 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
ⓒ 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

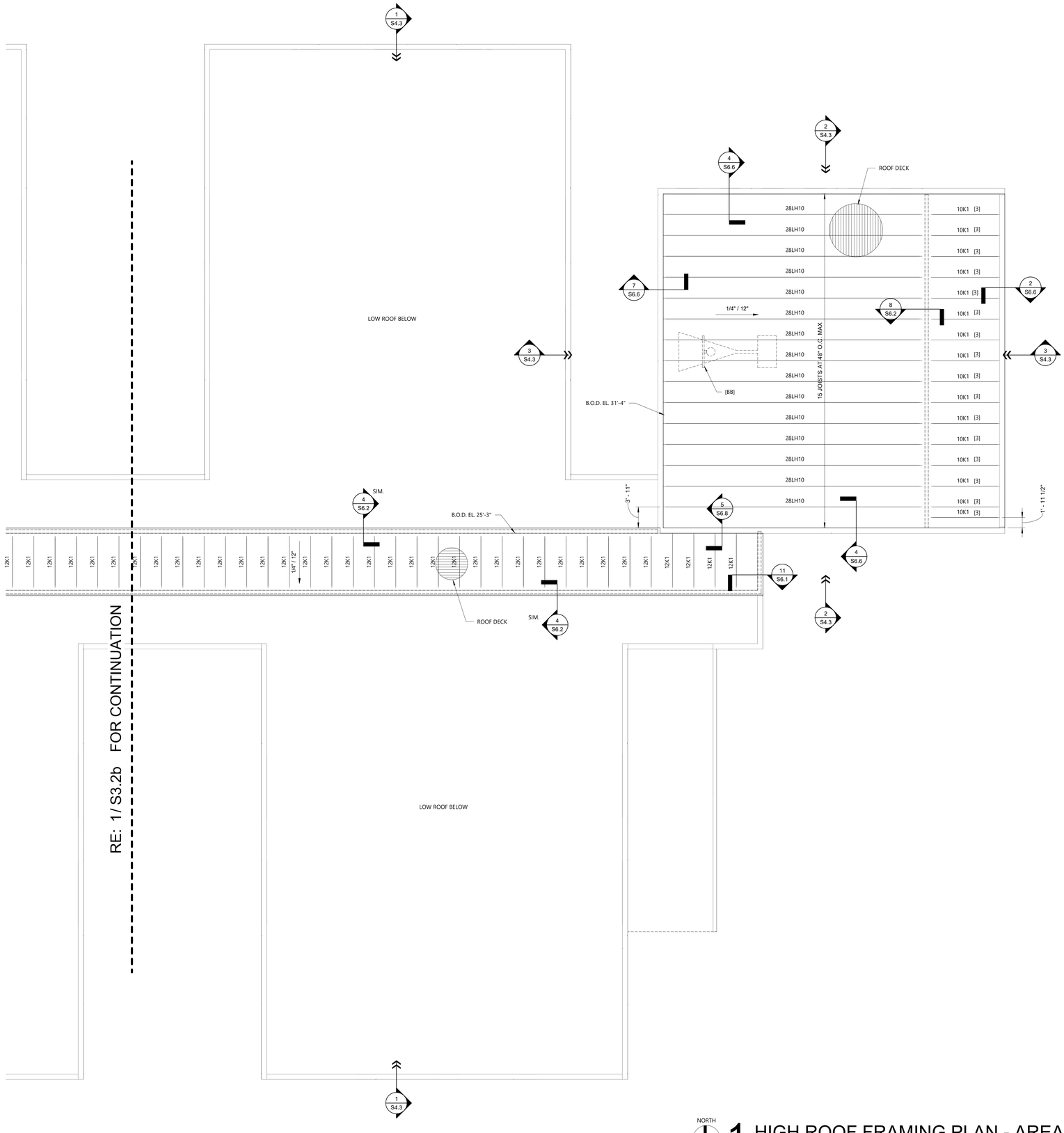
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HIGH ROOF FRAMING PLAN AREA B

SHEET NUMBER

S3.2b



NORTH

1 HIGH ROOF FRAMING PLAN - AREA C

1/8" = 1'-0"

ROOF FRAMING PLAN NOTES AND LEGEND:

ROOF DECK = GALVANIZED 1.5B-22 GAGE G60 METAL ROOF DECK.

ROOF JOISTS SHALL BE EQUALLY SPACED IN FRAMING BAYS - UNLESS NOTED OTHERWISE. SEE DETAIL 18/S6.1 FOR REQUIRED STAGGERING OF JOISTS.

T.O.J. = TOP OF JOIST.

T.O.W. = TOP OF WALL.

E.O.A. = EDGE OF ANGLE.

BOC = BEAM OVER COLUMN - RE: 7/S6.1.

B.O.D. = BOTTOM OF DECK

C = CENTERLINE

E.J. = ROOF/BLDG/ EXPANSION JOINT.

[1] = CONNECT BEAM TO CMU WALL PER DETAIL 1/S5.6.

[2] = CONNECT BEAM TO CMU WALL PER DETAIL 2/S5.6.

[3] = PROVIDE 5" DEEP JOIST BEARING SEATS AT INTERIOR BEARING WALL.

AH = MECHANICAL AIR HANDLING UNIT. GC TO COORDINATE EXACT SIZE, WEIGHT, AND LOCATIONS OF UNITS, AS WELL AS DISTRIBUTION OF LOAD WITHIN UNITS. ESTIMATED TOTAL WEIGHT OF UNIT IS PROVIDED ON PLAN. RE: 5/S6.3.

EF = EXHAUST FAN - FRAME OPENING IN ROOF PER DETAIL 16/S6.1.

KH = KITCHEN HOOD. CONNECT HANGER RODS TO ANGLE PER NOTE Z. SEE S3.1b

[BB] = BASKETBALL GOAL RE: ARCH. SUPPLIER SHALL DESIGN AND PROVIDE ALL STEEL SUBSTRUCTURE COMPONENTS AS REQUIRED TO SUSPEND GOAL FROM ROOF STRUCTURE. PANEL POINTS IN SUPPORTING ROOF JOISTS SHALL BE PLACED AT GOAL LOAD POINTS. JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL LOAD FROM GOALS. GC TO COORDINATE. JOIST X-BRIDGING SHALL BE LOCATED ON BOTH SIDES OF JOIST AT EACH ATTACHMENT POINT.

NOTE:

PROVIDE ANY ADDITIONAL STEEL AS REQUIRED TO ATTACH BASKETBALL GOAL SUPPORTS TO ROOF JOIST MEMBERS. PROVIDE PANEL POINTS IN ROOF JOISTS PER DETAIL 17/S6.1 AT POINT LOADS AS REQUIRED.

NOTE A:

PROVIDE COLUMN X-BRACING TO BEAM PER DETAIL 10/S6.8.

REC YARD COVERS: STEEL FRAMING OVER REC YARDS SHALL BE HOT DIP GALVANIZED.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

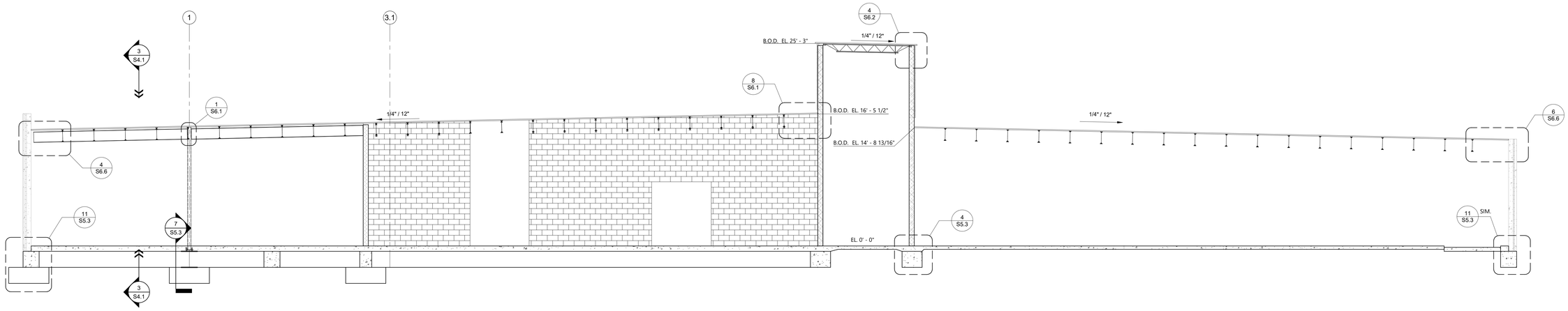
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

HIGH ROOF FRAMING PLAN AREA C

SHEET NUMBER

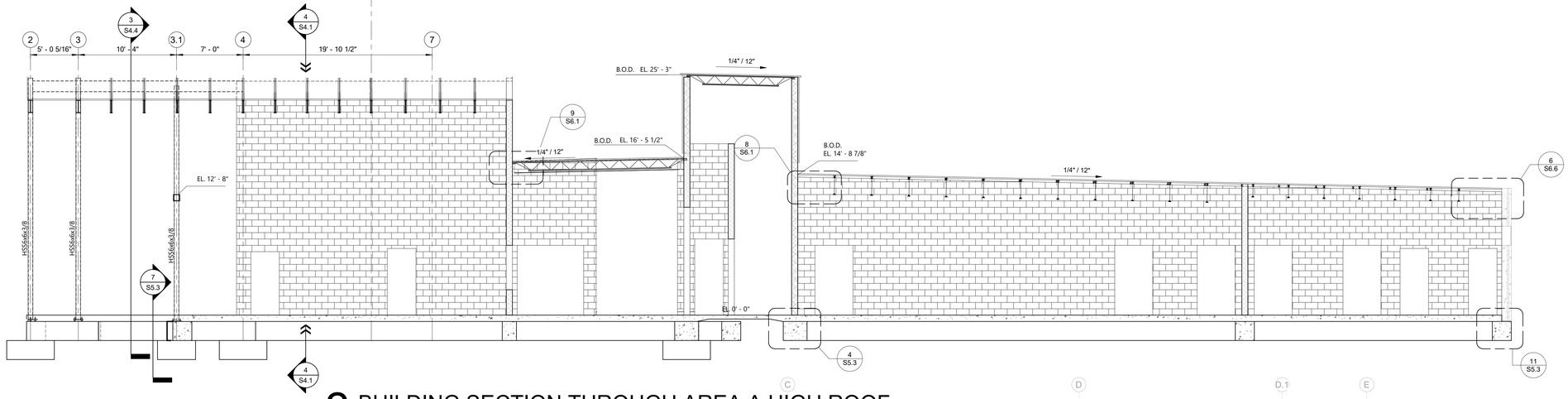
S3.2c

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:06:13 PM



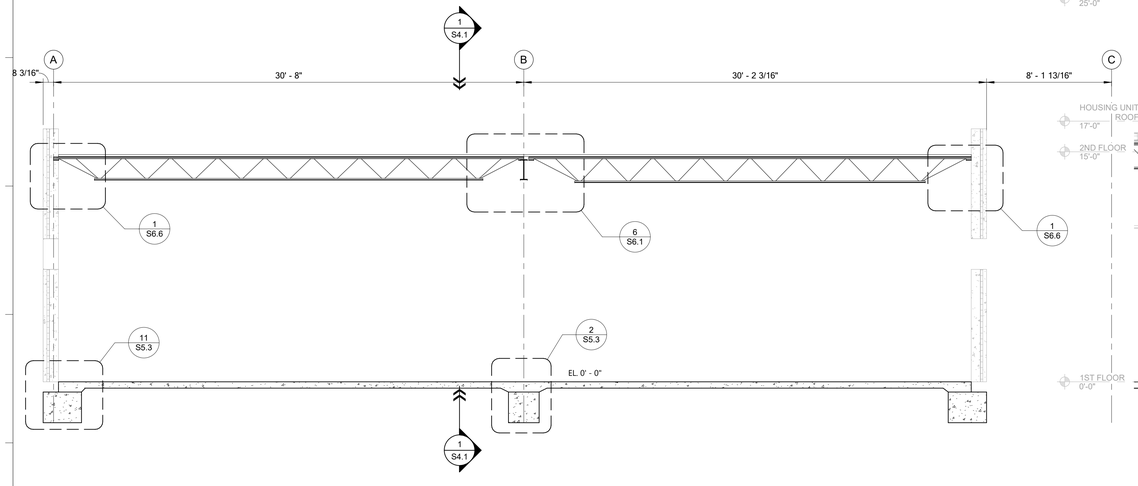
1 BUILDING SECTION THROUGH AREA A

3/16" = 1'-0"



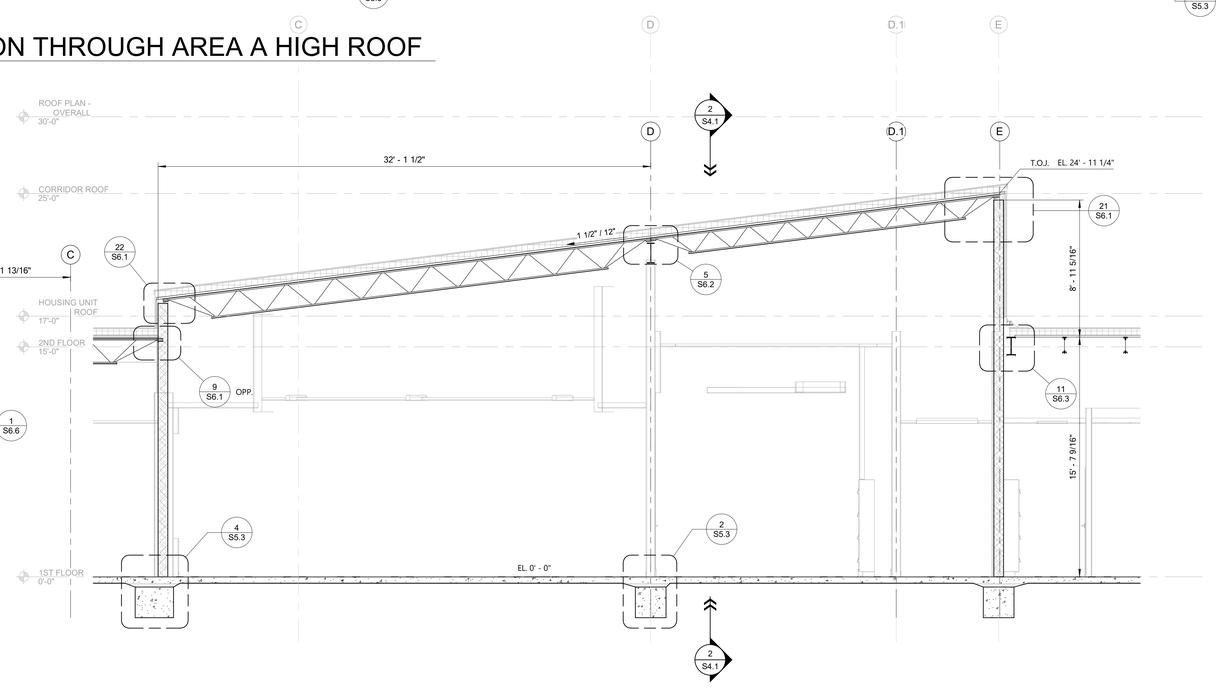
2 BUILDING SECTION THROUGH AREA A HIGH ROOF

3/16" = 1'-0"



3 BUILDING SECTION THROUGH AREA A LOW ROOF

1/4" = 1'-0"



4 BULDING SECTION AT HIGH ENTRY ROOF

1/4" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:04:17 PM

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
© 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

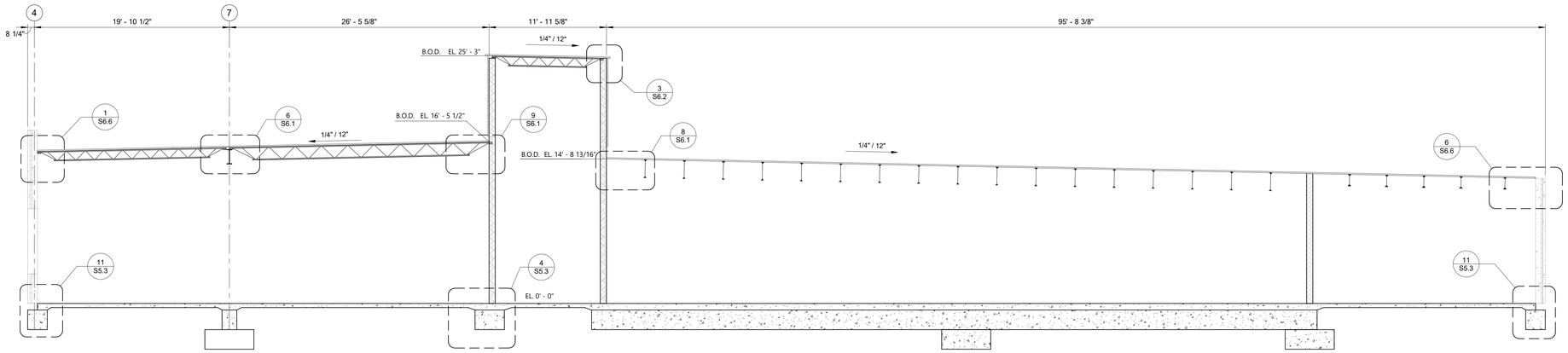
PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

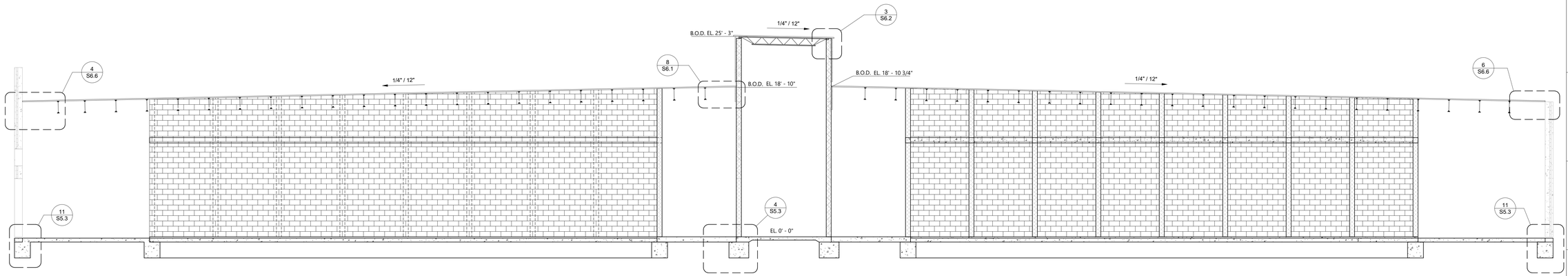
BUILDING SECTIONS

SHEET NUMBER
S4.1



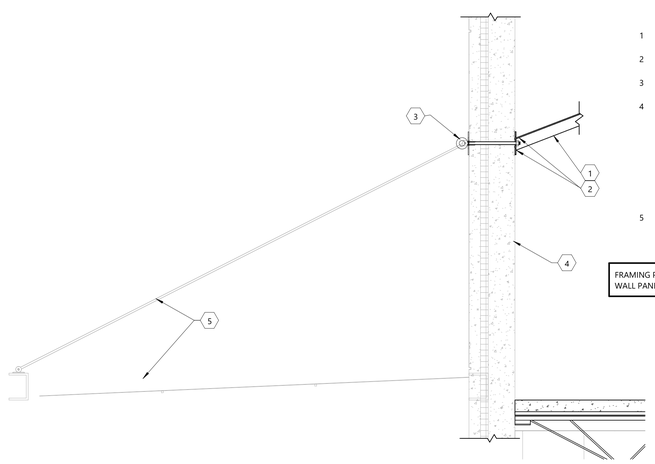
1 BUILDING SECTION THROUGH AREA B

3/16" = 1'-0"



2 BUILDING SECTION THROUGH AREA B SLAB CEILING

3/16" = 1'-0"



Keynote Legend

1. L3x3x1/4 KICKER WELD TO ADJACENT JOIST/BEAM - SEE TYP. DETAILS.
2. PROVIDE PLATE 1/4"x6"x6" WITH HEAVY HEX NUT AND HARDENED WASHER.
3. 3/4" GALVANIZED EYEBOLT. COORDINATE WITH ARCHITECTURAL DETAILS.
4. SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.
5. PRE-ENGINEERED ALUMINUM CANOPY. RE: ARCH.

3 Section At Pre-Fab Canopy

3/4" = 1'-0"

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

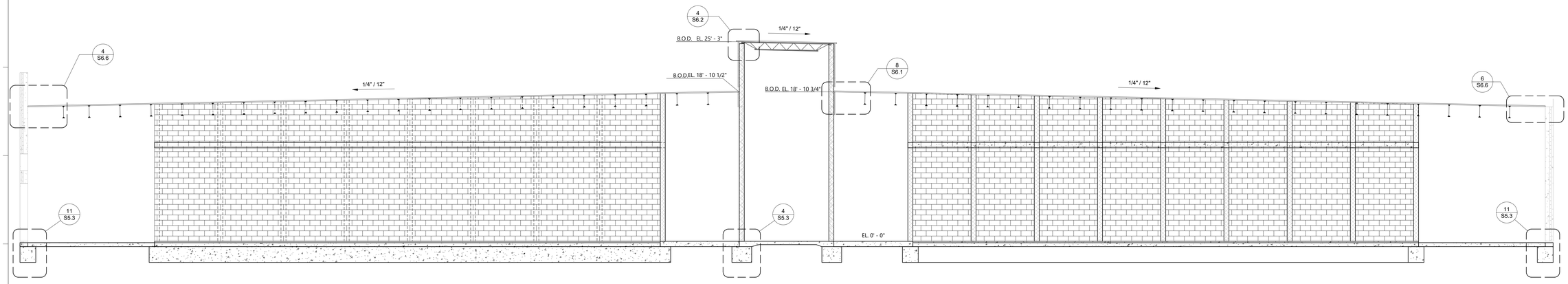
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING SECTIONS

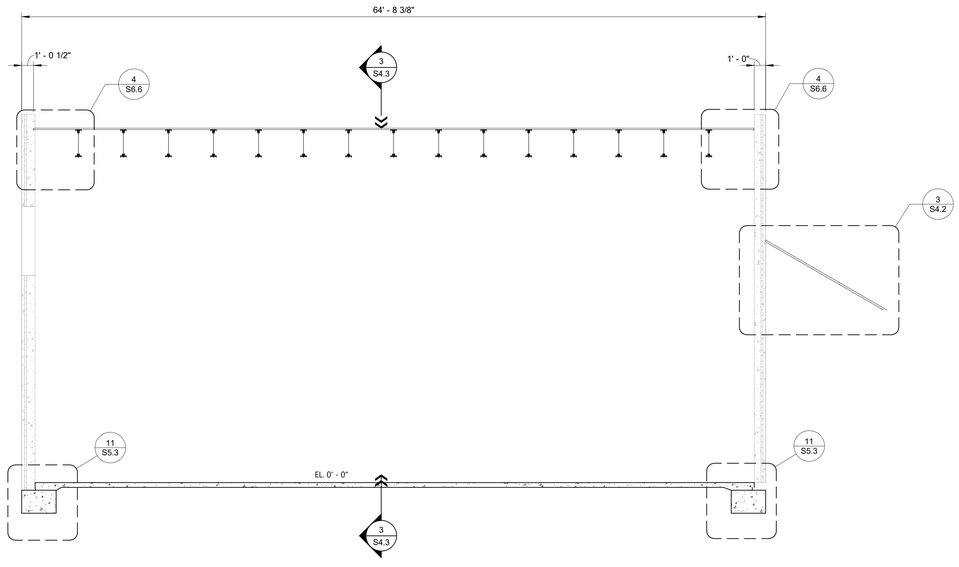
SHEET NUMBER
S4.2

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 4:06:20 PM



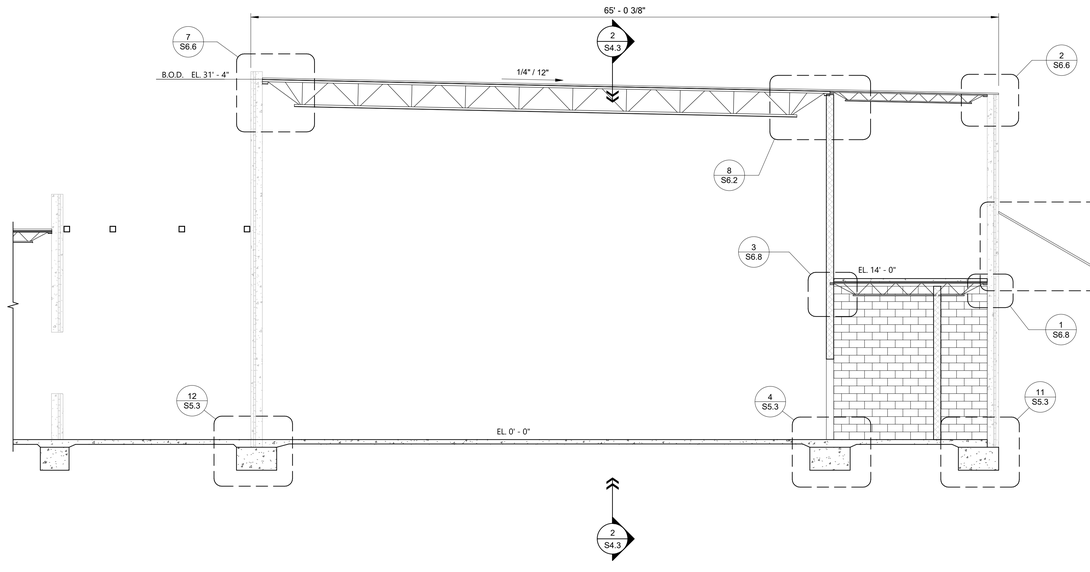
1 BUILDING SECTION THROUGH AREA C

3/16" = 1'-0"



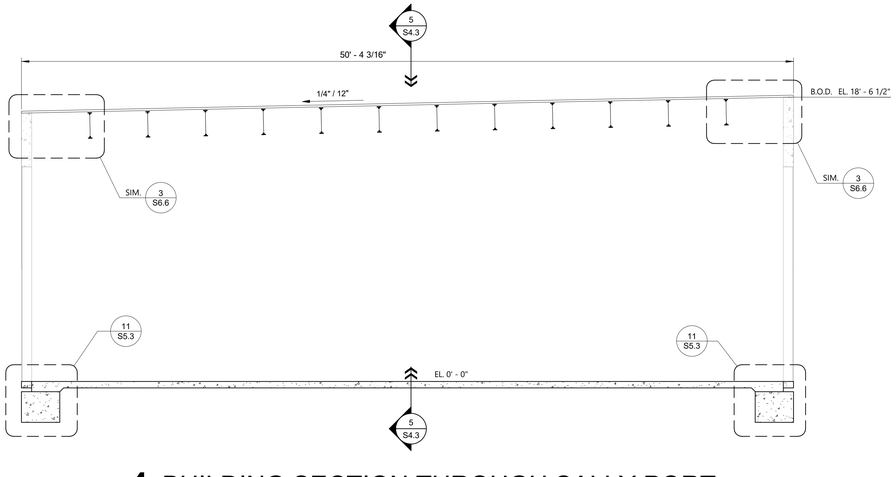
2 BUILDING SECTION THROUGH GYM

3/16" = 1'-0"



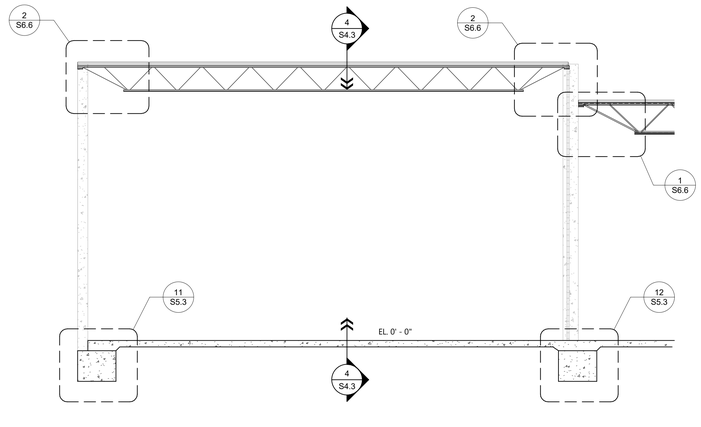
3 BUILDING SECTION THROUGH GYM ROOF SLOPE

3/16" = 1'-0"



4 BUILDING SECTION THROUGH SALLY PORT

1/4" = 1'-0"



5 BUILDING SECTION AT SALLY PORT / BLDG.

1/4" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:06:24 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

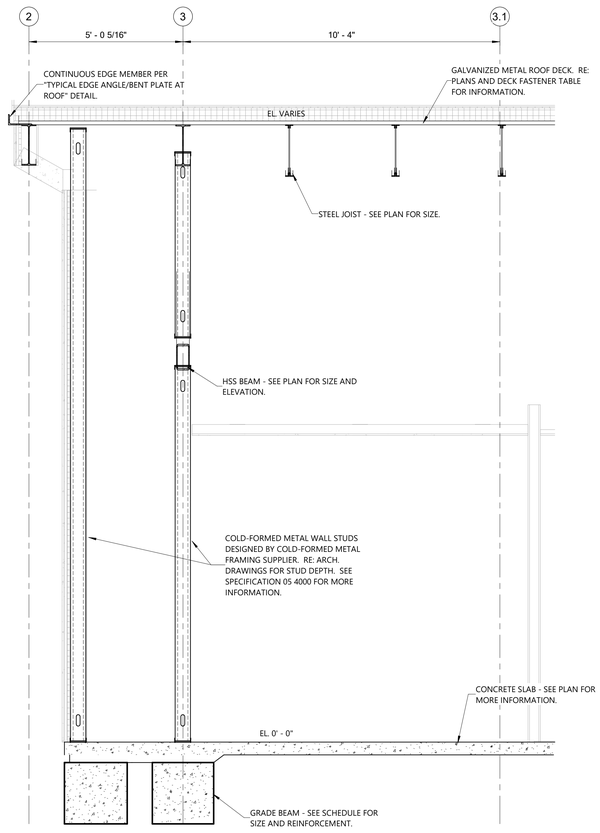
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

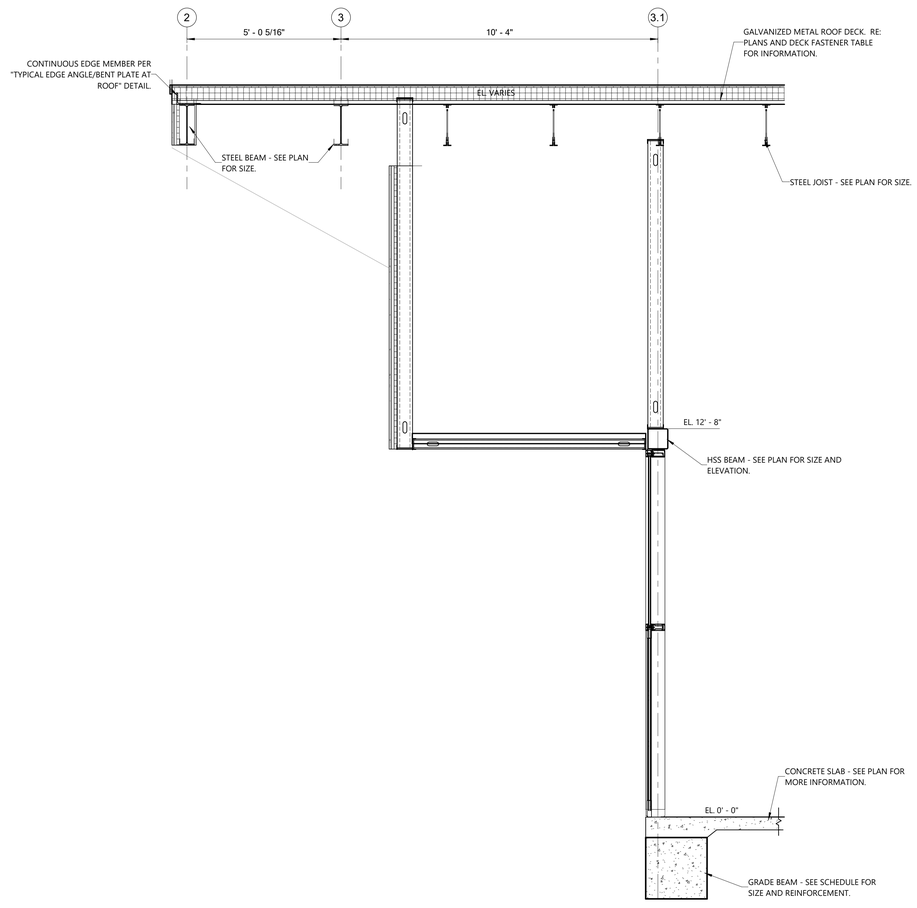
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

BUILDING SECTIONS

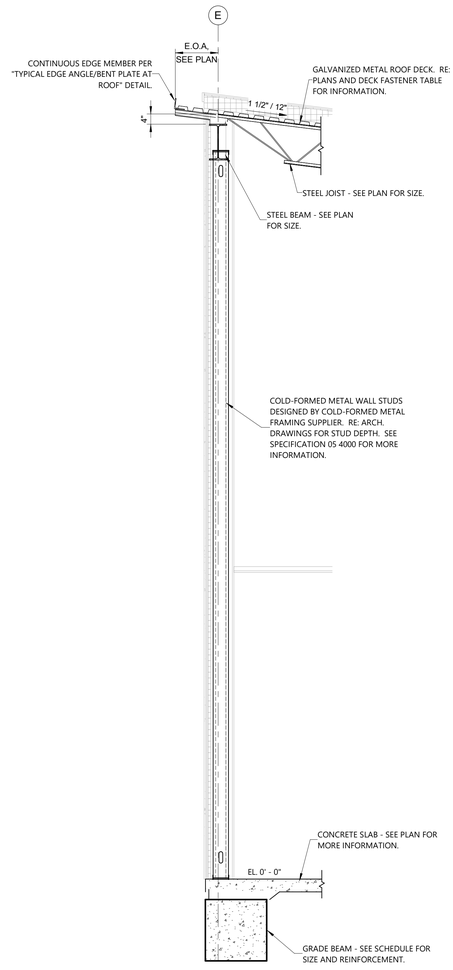
SHEET NUMBER
S4.3



1 Wall Section At Column Line 2
1/2" = 1'-0"



2 Wall Section At Entry Lobby
1/2" = 1'-0"



3 Wall Section At Column Line E
1/2" = 1'-0"

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY, LAR36314
FOX-NESBIT ENGINEERING, LLC.

FOX:NESBIT

BATON ROUGE	NEW ORLEANS
RUSTON	LAFAYETTE DESTIN
© 2026	23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

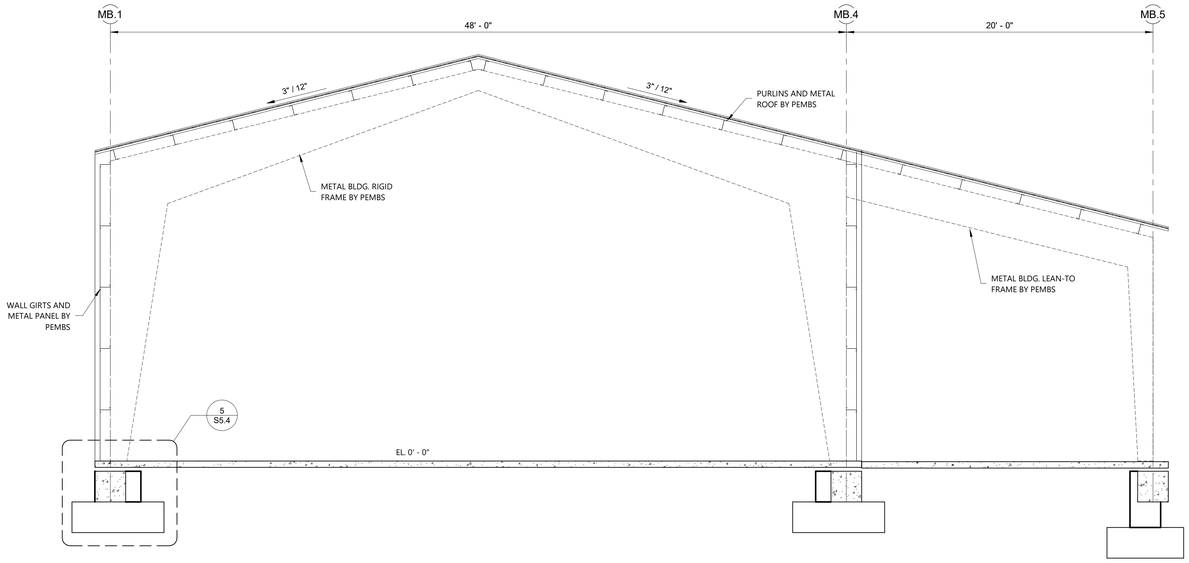
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

WALL SECTIONS

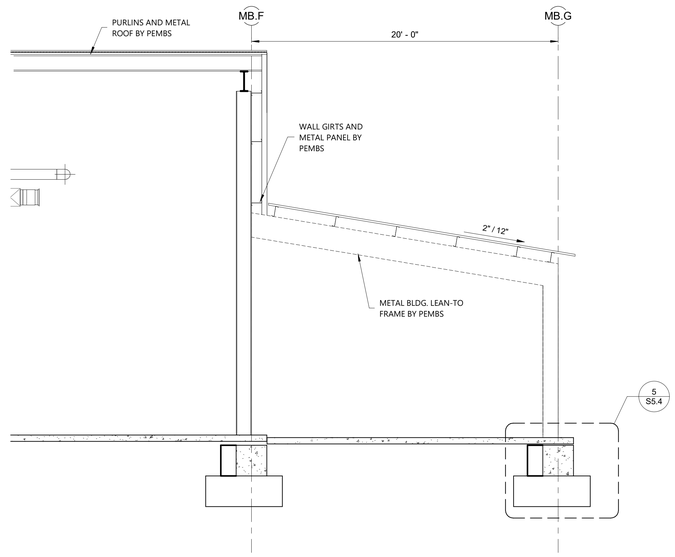
SHEET NUMBER
S4.4

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - StructuralLVrt
5/30/2026 6:06:27 PM



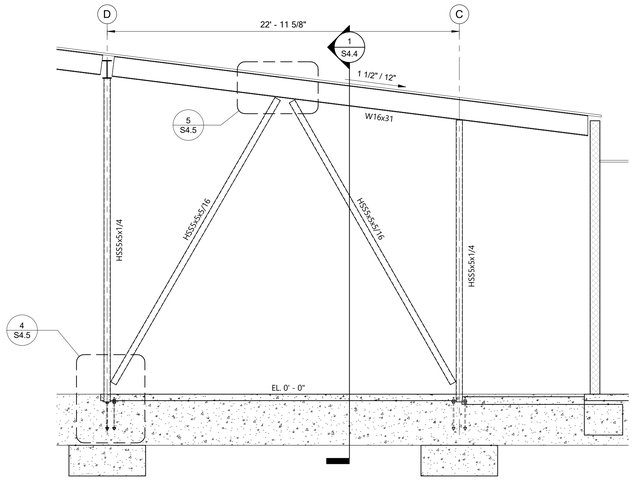
1 TYPICAL METAL BUILDING SECTION

1/4" = 1'-0"



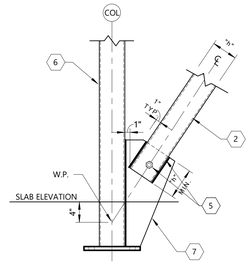
2 SECTION AT METAL BUILDING LEAN-TO AREA

1/4" = 1'-0"



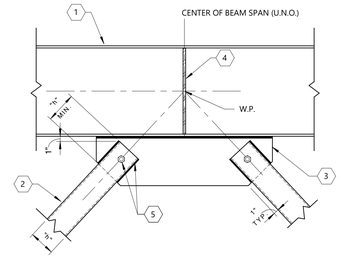
3 DB-A ELEVATION

1/4" = 1'-0"



4 Brace Detail At Base

1" = 1'-0"



5 Brace Detail

1" = 1'-0"

Keynote Legend

1 STEEL BEAM - SEE PLAN FOR SIZE.
2 DIAGONAL BRACE MEMBER - SEE ELEVATIONS FOR SIZE.
3 3/4" THICK GUSSET PLATE SHOP WELDED TO BEAM WITH CONTINUOUS 1/4" FILLET WELD EACH SIDE OF PLATE.
4 3/8" WEB STIFFENER BOTH SIDES OF BEAM WEB. WELD CONTINUOUS BOTH SIDES WITH 1/4" FILLET WELD.
5 (1)-3/4" DIA. A325-N BOLT FOR ERECTION. FIELD WELD TUBE TO PLATE ALL AROUND ON BOTH SIDES OF PLATE WITH 1/4" FILLET WELD. PROVIDE 15/16" DIA. HOLES IN BRACE AND GUSSET PLATE.
6 STEEL COLUMN - SEE PLAN FOR SIZE.
7 3/4" THICK GUSSET PLATE SHOP WELDED TO COLUMN AND BASE PLATE WITH CONTINUOUS 5/16" FILLET WELD EACH SIDE OF PLATE.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

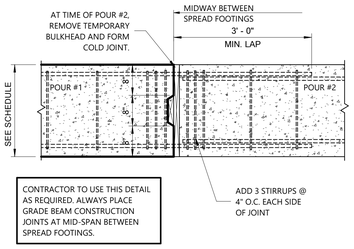
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

METAL BUILDING SECTIONS

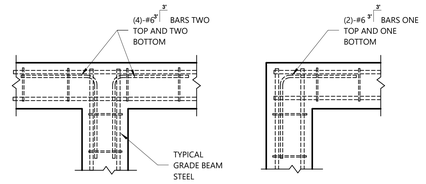
SHEET NUMBER
S4.5

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:06:37 PM



CONTRACTOR TO USE THIS DETAIL AS REQUIRED. ALWAYS PLACE GRADE BEAM CONSTRUCTION JOINTS AT MID-SPAN BETWEEN SPREAD FOOTINGS.

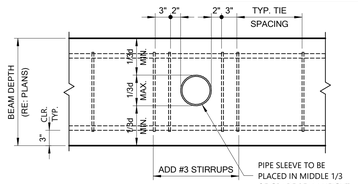
1 Grade Beam Construction Joint
N.T.S.

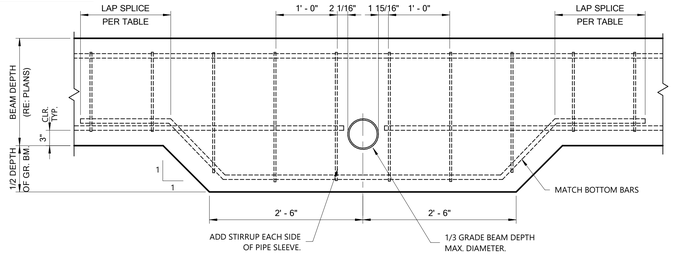


2 Grade Beam Intersection Details
N.T.S.

NOTE:

PLACE SLEEVES A MINIMUM OF 36" APART. PIPE SLEEVES SHALL ONLY OCCUR IN LOCATION ALLOWED BY THIS DETAIL. CONTACT ENGINEER FOR SOLUTION PRIOR TO SUBMITTAL OF REBAR SHOP DRAWINGS, IF THERE ARE CONFLICTS WITH THE ABOVE REQUIREMENT.



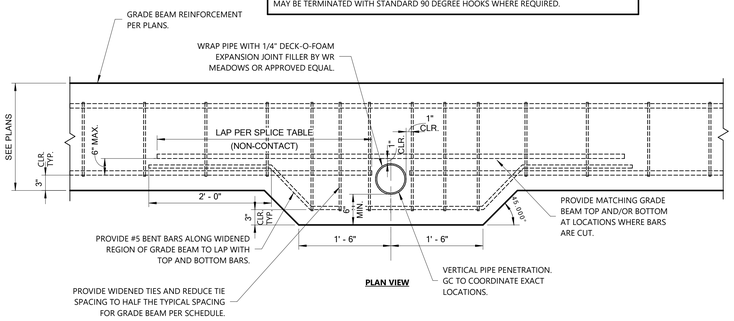


3 Typical Sleeve Detail In Grade Beam
N.T.S.

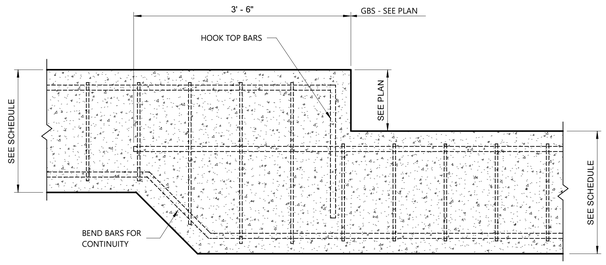
NOTES:

AVOID VERTICAL PENETRATIONS OF GRADE BEAMS WHERE POSSIBLE. IF VERTICAL PENETRATIONS CANNOT AVOID GRADE BEAMS, AVOID CONFLICTS WITH LONGITUDINAL REBARS. IF LONGITUDINAL REBARS HAVE TO BE CUT, THIS DETAIL SHALL APPLY.

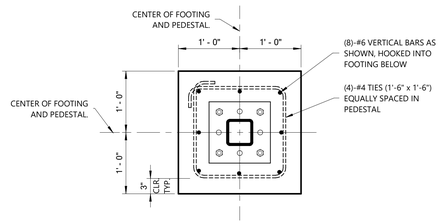
COORDINATE LOCATIONS OF VERTICAL PENETRATIONS PRIOR TO SUBMITTAL OF GRADE BEAM REBAR SHOP DRAWINGS. FOR PENETRATIONS AT ENDS OF GRADE BEAMS, ADDITIONAL BARS MAY BE TERMINATED WITH STANDARD 90 DEGREE HOOKS WHERE REQUIRED.



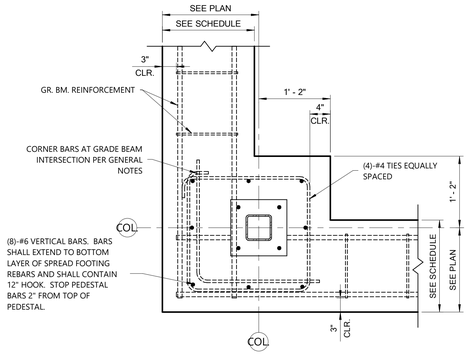
4 Vertical Penetration In Grade Beam
N.T.S.



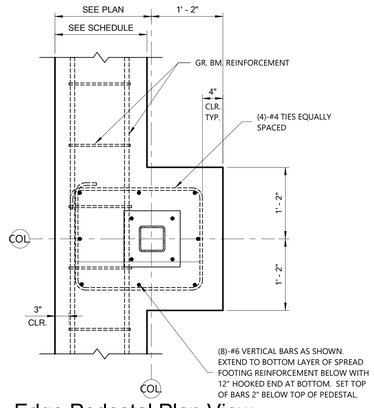
5 Grade Beam Step Detail
N.T.S.



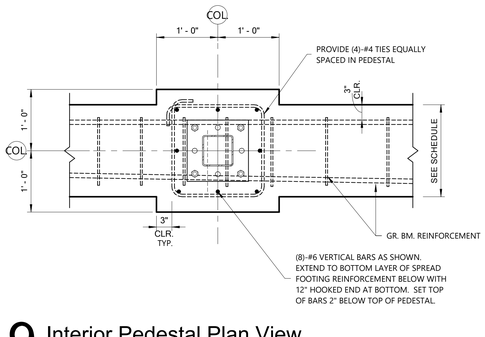
6 Interior Square Pedestal Plan View HSS Col.
1" = 1'-0"



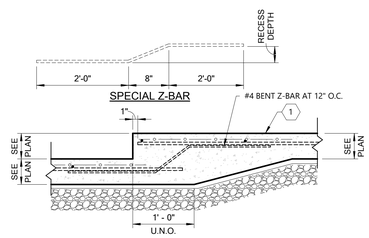
7 Corner Pedestal Plan View
N.T.S.



8 Edge Pedestal Plan View
N.T.S.



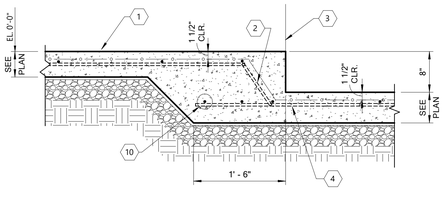
9 Interior Pedestal Plan View
1" = 1'-0"



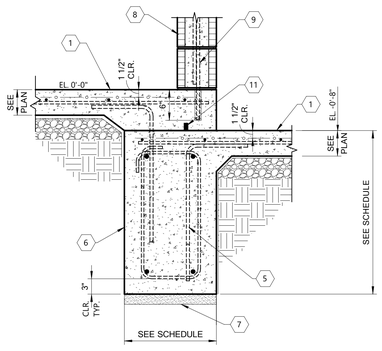
10 Slab Recess Detail
N.T.S.

Keynote Legend

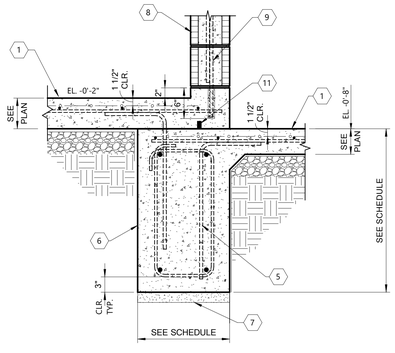
1	CONCRETE SLAB - SEE PLAN FOR MORE INFORMATION.
2	#4 x 1'-6" LONG, DRILL-AND-EPOXY DOWELS AT 12" O.C. WITH 4" EMBEDMENT.
3	EDGE OF DAP MUST BE COORDINATED WITH FREEZER/COOLER SUPPLIER DRAWINGS.
4	REINFORCE SLAB BENEATH FREEZER/COOLER WITH WWF4x4W4.0/W4.0 AND #4 @ 16" O.C.E.W.
5	SEE NOTE ON FOUNDATION PLAN FOR TYPICAL SLAB TO GRADE BEAM DOWELS. MODIFY L-BAR (a=10", b=28").
6	GRADE BEAM - SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7	PROVIDE 2" DRY BOTTOM CONCRETE UNDER ALL GRADE BEAMS AND SPREAD FOOTINGS. SEE FOUNDATION PLAN NOTES FOR MORE INFORMATION.
8	CMU WALL - SEE PLANS/SCHEDULE FOR MORE INFORMATION.
9	REBAR DOWELS TO MATCH WALL REINF. X 4'-6" LONG DRILLED AND EPOXY GROUTED INTO SLAB/GRADE BEAM AS SHOWN. MATCH DOWEL WITH EACH VERTICAL BAR IN CMU WALL. PROVIDE DOWELS AT JAMBS AND WALL CORNERS. RE: DETAILS ON SHEET S5.5.
10	(2)-#4 CONTINUOUS.
11	CONTINUOUS WATERSTOP.



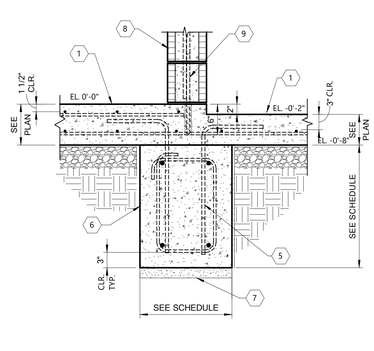
11 Detail At Freezer/Cooler Recess
1" = 1'-0"



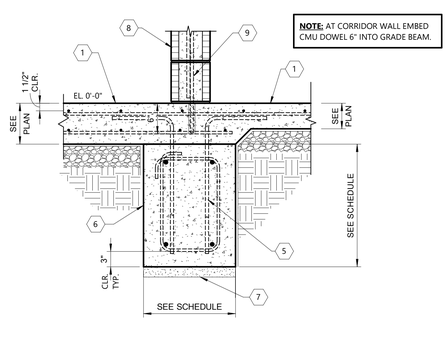
12 Detail At Freezer/Cooler Slab
1" = 1'-0"



13 Freezer/Cooler At Slab B
1" = 1'-0"



14 Detail At Slabs B/C
1" = 1'-0"



15 Detail At Slabs A/C
1" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:06:54 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE		NEW ORLEANS
RUSTON	LAFAYETTE	DESTIN
© 2026	23575	R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

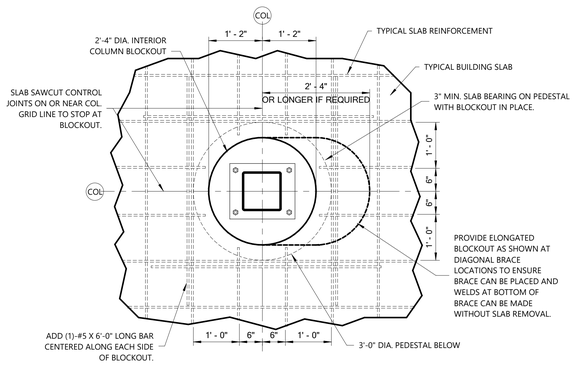
FOUNDATION DETAILS

SHEET NUMBER
S5.1

COLUMN BLOCKOUTS IN SLAB:

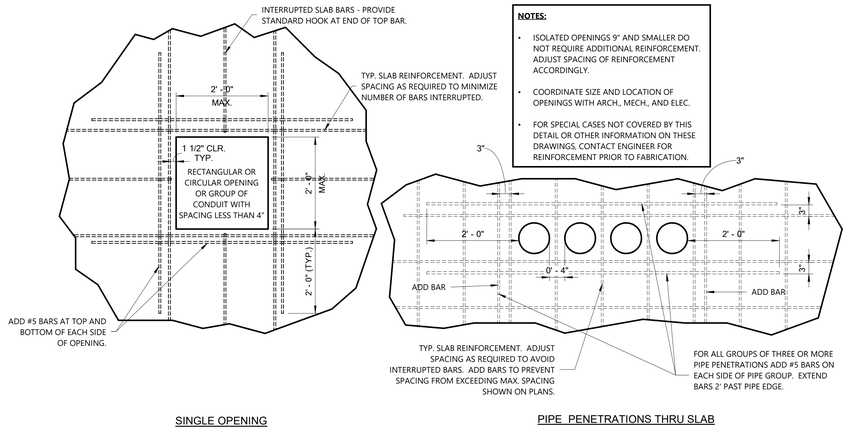
CIRCULAR SLAB BLOCKOUTS SHALL BE USED AT COLUMNS. SEE DETAIL BELOW FOR INTERIOR CASE. ALONG BUILDING EDGES, CIRCULAR BLOCKOUTS SHALL INTERSECT SLAB EDGES TO FORM 90 DEGREE CORNER IN ORDER TO AVOID POURING OF A FRAGILE CONCRETE SLIVER.

EDGE CASE | CORNER CASE



1 Slab Blockout At Interior Column

N.T.S.



NOTES:

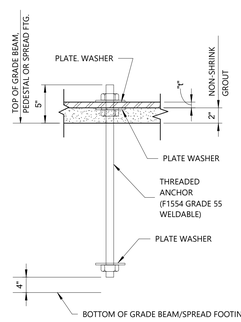
- ISOLATED OPENINGS 9" AND SMALLER DO NOT REQUIRE ADDITIONAL REINFORCEMENT. ADJUST SPACING OF REINFORCEMENT ACCORDINGLY.
- COORDINATE SIZE AND LOCATION OF OPENINGS WITH ARCH., MECH., AND ELEC.
- FOR SPECIAL CASES NOT COVERED BY THIS DETAIL OR OTHER INFORMATION ON THESE DRAWINGS, CONTACT ENGINEER FOR REINFORCEMENT PRIOR TO FABRICATION.

SINGLE OPENING

PIPE PENETRATIONS THRU SLAB

2 Typical Openings In Concrete Slab On Grade

N.T.S.

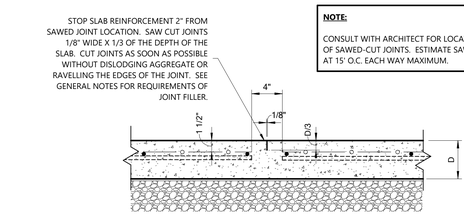


BOLT ASSEMBLY DETAIL

3 HEAVY HEX NUTS, 3 WASHERS, THREADED ANCHOR

7 Typical Anchor Bolt

N.T.S. (RE: 6/S5.2)

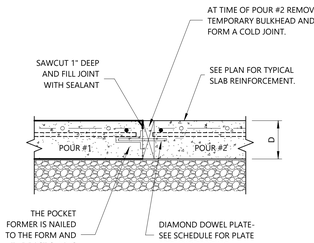


NOTE:

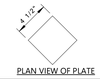
CONSULT WITH ARCHITECT FOR LOCATIONS OF SAWED-CUT JOINTS. ESTIMATE SAW CUTS AT 15' O.C. EACH WAY MAXIMUM.

3 Slab Sawed-Cut Joint Detail

N.T.S.



DIAMOND DOWEL LOAD PLATE SCHEDULE		
D (IN.)	PLATE DIMENSION (IN.)	PLATE SPACING (IN.)
5 TO 6	1/4"x4 1/2"x4 1/2"	18
7 TO 8	3/8"x4 1/2"x4 1/2"	18



PLAN VIEW OF PLATE

NOTES:

THE GENERAL CONTRACTOR SHALL SUBMIT A PLAN OF PROPOSED CONSTRUCTION JOINT LOCATIONS WITH THE REBAR SHOP DRAWINGS FOR REVIEW AND APPROVAL.

THE MAXIMUM AREA FOR A SLAB POUR SHALL BE 17,000 SQUARE FEET. THE MAXIMUM LENGTH TO WIDTH RATIO OF A SLAB POUR SHALL BE 3 TO 1.

4 Slab Construction Joint

N.T.S.

BASE PLATE TYPE MARK	COL. SIZE	"t"	"A"	"B"	"C"	BOLT DIA	NUMBER OF BOLTS	HOLE DIA	"F"	WASHER SIZE
BP-A	HSS 6x6	1"	12"	12"	1 1/2"	3/4"	4	1 1/16"	1/4	2"x1/4"
BP-B	HSS 5x5	1"	11"	11"	1 1/2"	3/4"	8	1 1/16"	3/8	2"x1/4"

EXTERIOR

EDGE CONDITION

CORNER CONDITION

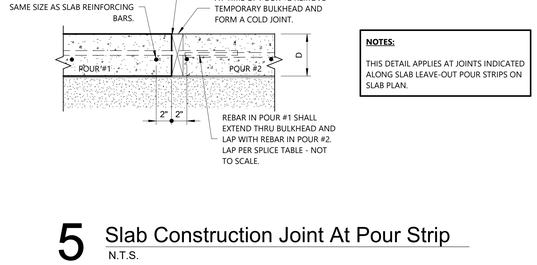
NOTE:

ALL PORTIONS OF BASE PLATE WHICH EXTEND BEYOND EXTERIOR EDGE OF BUILDING SLAB SHALL BE SHOP-COATED WITH 3 LAYERS OF A ZINC-RICH COLD-GALVANIZE COMPOUND.

ALL ANCHOR BOLTS, NUTS, AND WASHERS WHICH EXTEND BEYOND EXTERIOR EDGE OF BUILDING SLAB SHALL BE HOT-DIPPED GALVANIZED.

6 Column Base Plate Details

N.T.S. (RE: 7/S5.2)



NOTES:

THIS DETAIL APPLIES AT JOINTS INDICATED ALONG SLAB LEAVE-OUT POUR STRIPS ON SLAB PLAN.

5 Slab Construction Joint At Pour Strip

N.T.S.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F. 080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

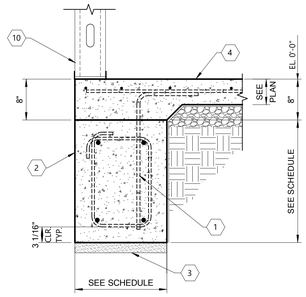
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

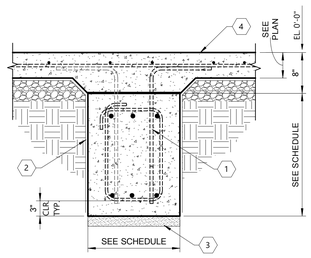
FOUNDATION DETAILS

SHEET NUMBER
S5.2

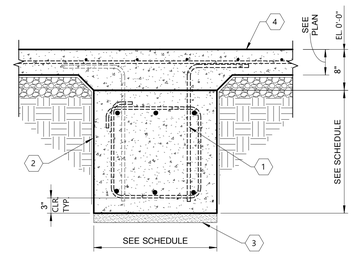
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:05:34 PM



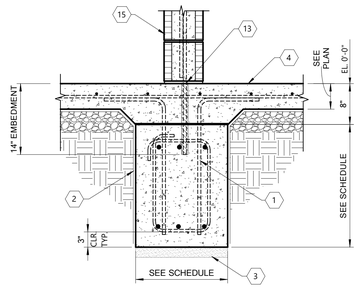
1 Exterior Grade Beam
N.T.S. (AT STUD WALL)



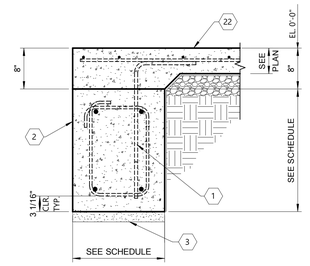
2 Interior Grade Beam
N.T.S. (NO CMU WALL)



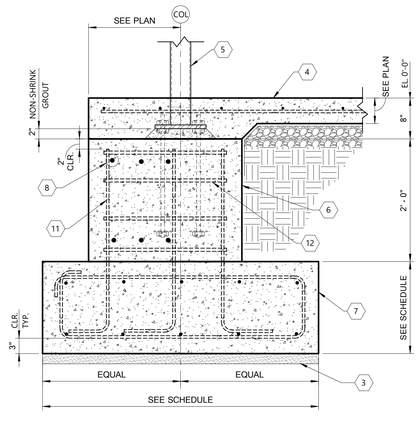
3 Interior Grade Beam At Brace Frame
N.T.S.



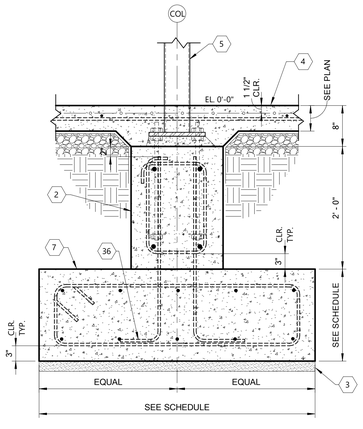
4 Interior Grade Beam At CMU Wall
N.T.S.



5 Exterior Grade Beam At Door
N.T.S.



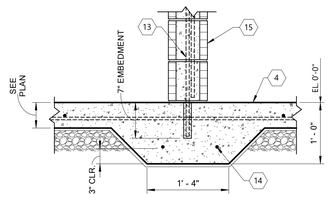
6 Typical Exterior Detail At Column
N.T.S.



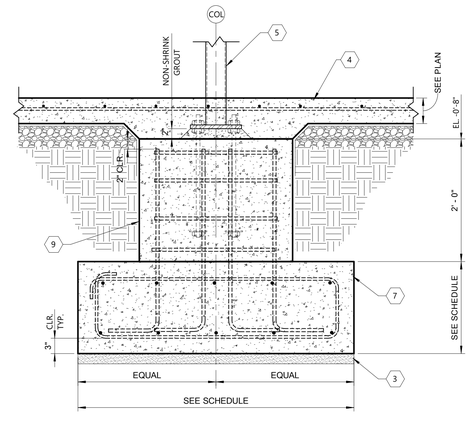
7 Interior Grade Beam At Column
1" = 1'-0"

NOTE: REQUIRED LOCATIONS

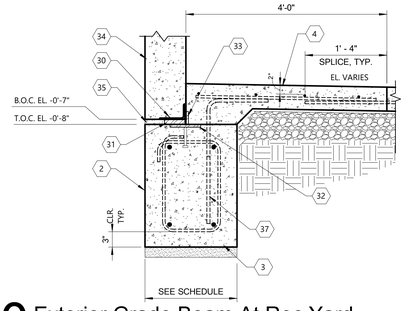
ATTACH BASE OF ALL INTERIOR CMU WALLS TO SLAB PER DETAIL BELOW. PROVIDE SLAB RIB AT ALL CMU WALLS NOT RESTING ON GRADE BEAMS. SEE ARCH. DRAWINGS FOR LOCATIONS OF CMU WALLS.



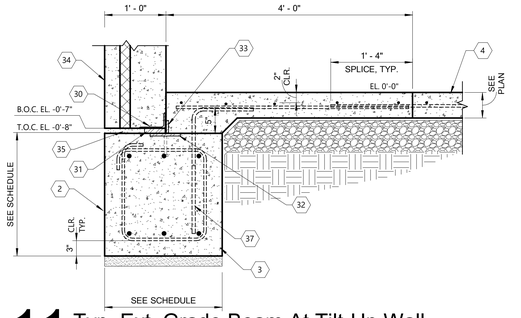
8 CMU Wall Slab Rib Detail
N.T.S.



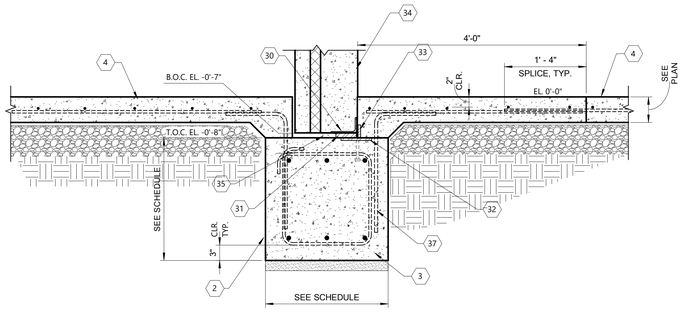
9 Section At Interior Pedestal
1" = 1'-0"



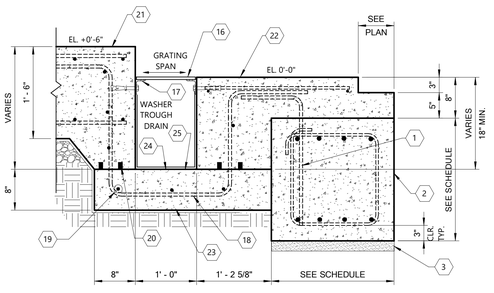
10 Exterior Grade Beam At Rec Yard
N.T.S.



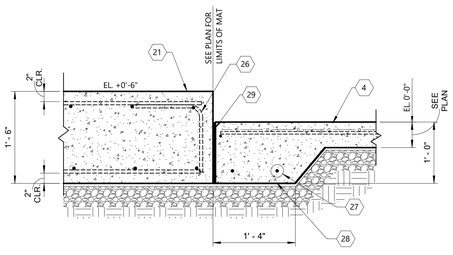
11 Typ. Ext. Grade Beam At Tilt-Up Wall
N.T.S.



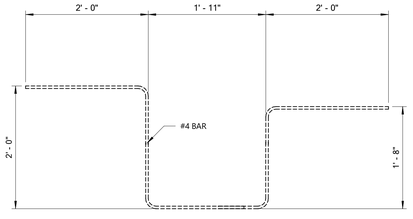
12 Interior Grade Beam At Tilt-Up Wall
N.T.S.



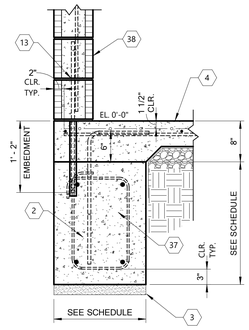
13 Trench Detail At Washer
N.T.S.



14 Washer/Dryer Mat Slab
N.T.S.



15 Washer Trough Bar Diagram
N.T.S.



16 Ext. Grade Beam At CMU Wall
N.T.S.

Keynote Legend

1 PROVIDE #4 L - BAR (A=12", B=26") @ 20" O.C. TIE VERTICAL LEG TO HORIZONTAL REBAR. NO "WET-STICKING" ALLOWED.
2 GRADE BEAM - SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
3 PROVIDE 2" DRY BOTTOM CONCRETE UNDER ALL GRADE BEAMS AND SPREAD FOOTINGS. SEE FOUNDATION PLAN NOTES FOR MORE INFORMATION.
4 CONCRETE SLAB - SEE PLAN FOR MORE INFORMATION.
5 STEEL COLUMN - SEE PLAN FOR SIZE.
6 RECTANGULAR CONCRETE PEDESTAL. SEE PEDESTAL PLAN VIEW DETAILS FOR REINFORCEMENT.
7 SPREAD FOOTING - SEE SCHEDULE FOR INFORMATION.
8 CONTINUE GRADE BEAM REINFORCEMENT THROUGH PEDESTAL.
9 CONCRETE PEDESTAL. SEE PEDESTAL PLAN VIEW DETAILS FOR REINFORCEMENT.
10 COLD-FORMED METAL WALL STUDS DESIGNED BY COLD-FORMED METAL FRAMING SUPPLIER. RE: ARCH. DRAWINGS FOR STUD DEPTH. SEE SPECIFICATION 05 4000 FOR MORE INFORMATION.
11 (8)-#6 VERTICAL - 3 EACH FACE. SEE PEDESTAL PLAN VIEW DETAILS ON SHEET 1-S401.
12 (4)-#4 TIES EQUALLY SPACED.
13 REBAR DOWELS TO MATCH WALL REINF. X 4'-6" LONG DRILLED AND EPOXY GROUTED INTO SLAB/GRADE BEAM AS SHOWN. MATCH DOWEL WITH EACH VERTICAL BAR IN CMU WALL. PROVIDE DOWELS AT JAMBS AND WALL CORNERS. RE: DETAILS ON SHEET S5.5.
14 (2)-#5 BARS CONTINUOUS.
15 CMU WALL - SEE PLANS/SCHEDULE FOR MORE INFORMATION.
16 GALVANIZED 1"x3/16" GW-100 STEEL BAR GRATING. DO NOT WELD GRATING TO SUPPORT ANGLES.
17 CONTINUOUS GALVANIZED ANGLE 3x3x1/4 GRATING SUPPORT ANGLE. FASTEN ANGLE TO CONCRETE WITH ZINC COATED 5/8" DIAMETER EXPANSION ANCHORS AT 16" O.C. WITH 5" EMBEDMENT. PLACE FIRST ANCHOR AT 4" FROM EACH END.
18 SPECIAL TROUGH BENT #4 BAR AT 12" O.C. SEE 16/1-S403.
19 (7)-#4 LONGITUDINAL BARS ALONG TROUGH DRAIN.
20 TWO LINES OF CONTINUOUS WATERSTOPS AROUND PERIMETER OF TROUGH DRAIN.
21 18" THICK CONCRETE MAT SLAB WITH TOP OF MAT AT EL. -0'-6". REINFORCE TOP AND BOTTOM OF MAT SLAB WITH #5 BARS AT 12" O.C. EACH WAY.
22 7" THICK CONCRETE STRUCTURAL SLAB. SEE PLAN FOR REINFORCEMENT.
23 EXTEND VAPOR RETARDER BENEATH PAD BELOW TROUGH DRAIN.
24 SLOPE BASE OF TROUGH TO SEWER DRAIN PIPE. PROVIDE 1/8" PER FOOT MIN. SLOPE ALONG TROUGH.
25 LINE OR COAT ENTIRE INSIDE SURFACE OF TROUGH AS DIRECTED BY PROJECT ARCHITECT.
26 #5 L-BAR (a=14", b=14") AT 12" O.C. ALONG EDGES OF MAT SLAB.
27 (2)-#5 BARS CONTINUOUS ALONG TURN-DOWN.
28 PROVIDE 12" DEEP x 16" WIDE SLAB TURN-DOWN AROUND EDGES OF MAT SLAB.
29 1/2" THICK ASPHALT SATURATED EXPANSION BOARD. CAULK UPPER 1/2" OF JOINT.
30 ANGLE "K" AT ALL PANEL ENDS AND EACH SIDE OF OPENINGS, AND AT A MAXIMUM OF 10'-0" ALONG BASE OF PANEL. PROVIDE GALVANIZED STEEL SHIM PLATES AS REQUIRED TO PLUMB WALL. WELD ANGLE "K" TO EMBED PLATE IN FOUNDATION WITH 1/2" THICK x 3" TALL x 6" LONG STEEL JUMPER PLATE. TOUCH UP WELD WITH COLD GALVANIZE.
31 GALVANIZED STEEL SHIM PLATE TO PLUMB WALL.
32 GALVANIZED EMBEDDED BEARING PLATE IN FOUNDATION SHALL BE 6"x10"x1/2" THICK WITH (2)-1/2" DIA. H.S.A. x 6" LONG. PROVIDE 2" END DISTANCE TO EACH H.S.A. ALIGN CENTER OF PLATE WITH INSIDE FACE OF TILT-UP CONCRETE WALL. CENTER PLATE ON ANGLE "K" IN TILT-UP CONCRETE WALL.
33 3"x1/2"x6" LONG GALVANIZED STEEL JUMPER PLATE. CENTER PLATE ON ANGLE "K".
34 SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.
35 PACK SOLID NON-SHRINK GROUT CONTINUOUSLY BELOW TILT-UP WALL PANEL.
36 (4)-#6 VERTICAL DOWELS TO LAP WITHIN TWO INCHES OF EACH ANCHOR BOLT LOCATION. DOWELS SHALL EXTEND DOWN AND TIE TO BOTTOM LAYER OF FOOTING REINFORCEMENT WITH STANDARD HOOK. TOP OF DOWEL BAR SHALL BE TWO INCHES FROM TOP OF GRADE BEAM (TYP. AT EACH COLUMN).
37 SEE NOTE ON FOUNDATION PLAN FOR TYPICAL SLAB TO GRADE BEAM DOWELS.
38 CMU LOAD BEARING WALL. SEE PLANS AND WALL SCHEDULE FOR REINFORCEMENT.

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER
JOHN GUIDRY, LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
ⓒ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

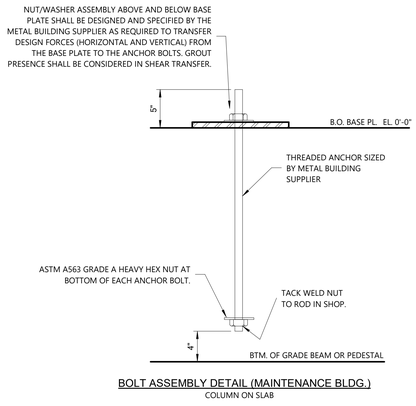
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FOUNDATION DETAILS

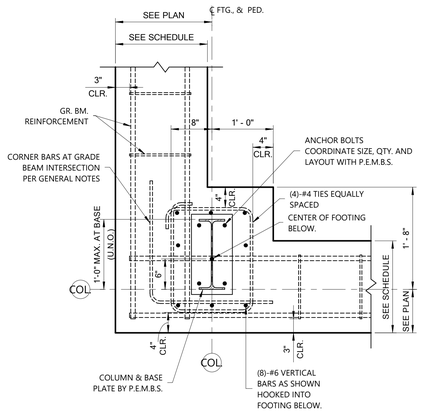
SHEET NUMBER
S5.3

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:04:47 PM

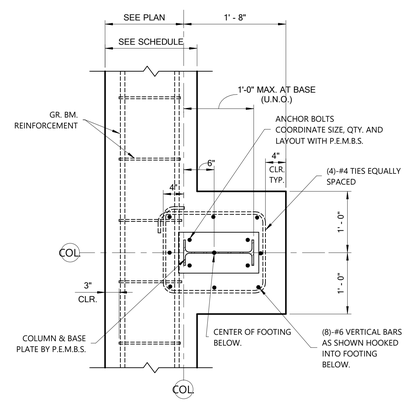


BOLT ASSEMBLY DETAIL (MAINTENANCE BLDG.)
COLUMN ON SLAB

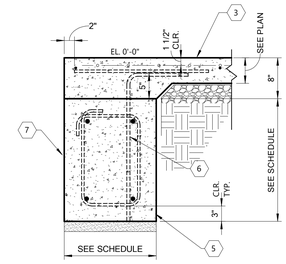
1 Metal Bldg. Anchor Bolt Assembly
1 1/2" = 1'-0"



2 Metal Bldg. Corner Pedestal Plan View
1" = 1'-0"



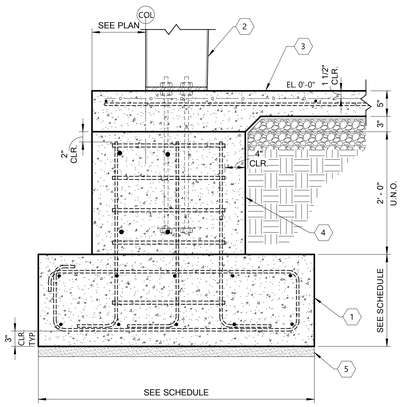
3 Metal Bldg. Edge Pedestal Plan View
1" = 1'-0"



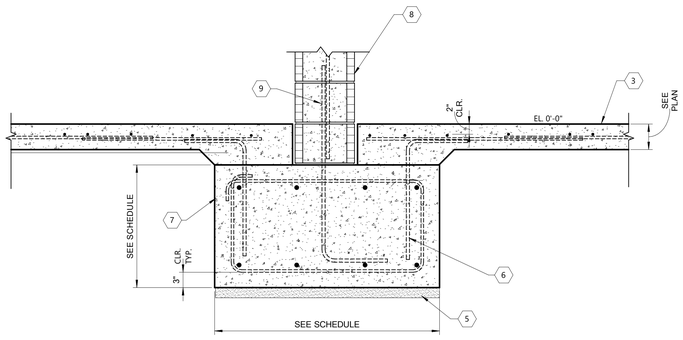
4 Exterior Grade Beam Detail
1" = 1'-0"

Keynote Legend

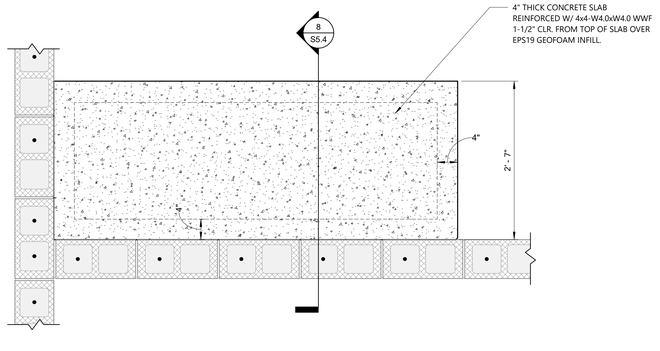
1 SPREAD FOOTING - SEE SCHEDULE FOR INFORMATION.
2 PRE-ENGINEERED METAL BUILDING COLUMN. SEE PLAN AND METAL BUILDING COLUMN SCHEDULE.
3 CONCRETE SLAB - SEE PLAN FOR MORE INFORMATION.
4 RECTANGULAR CONCRETE PEDESTAL. SEE PEDESTAL PLAN VIEW DETAILS FOR REINFORCEMENT.
5 PROVIDE 2" DRY BOTTOM CONCRETE UNDER ALL GRADE BEAMS AND SPREAD FOOTINGS. SEE FOUNDATION PLAN NOTES FOR MORE INFORMATION.
6 SEE NOTE ON FOUNDATION PLAN FOR TYPICAL SLAB TO GRADE BEAM DOWELS.
7 GRADE BEAM - SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8 12" CMU WALL - SEE PLAN FOR REINFORCEMENT. FILL ALL CELLS WITH CONCRETE.
9 #6 L-BAR (A=24",B=54") AT EACH BAR FILLED CELL. ALTERNATE HOOK DIRECTION.



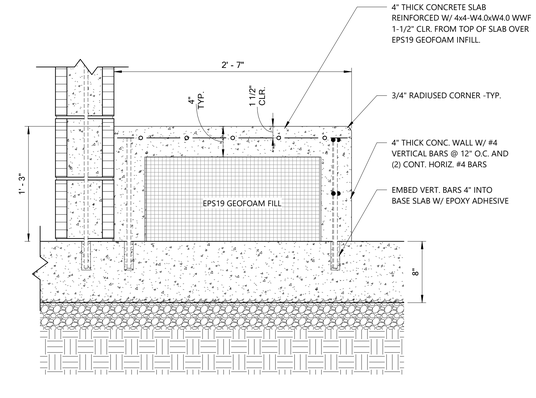
5 Metal Bldg. Edge Column
1" = 1'-0"



6 Foundation Detail At Rec Yard Wall
1" = 1'-0"



7 Typical Cast-in-Place Concrete Mattress Support
1" = 1'-0"



8 Typ. Section Thru Conc. Mattress Support
1 1/2" = 1'-0"

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA
JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
℄ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER
OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

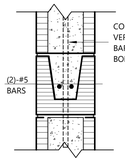
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

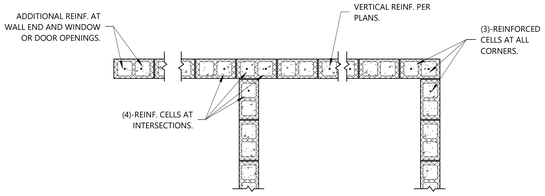
FOUNDATION DETAILS

SHEET NUMBER
S5.4

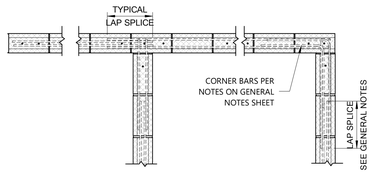
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:06:53 PM



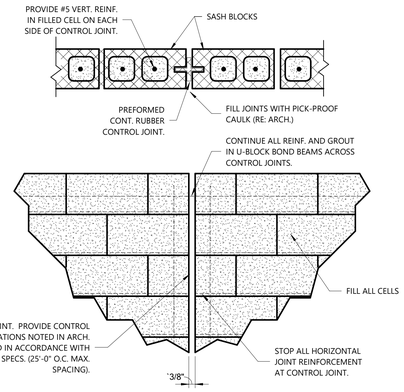
8" OR 12" CMU WALL



ONLY CORNER AND INTERSECTION REINFORCEMENT SHOWN FOR CLARITY. ALL CELLS FILLED. SEE S102A FOR TYPICAL CMU REINFORCING.



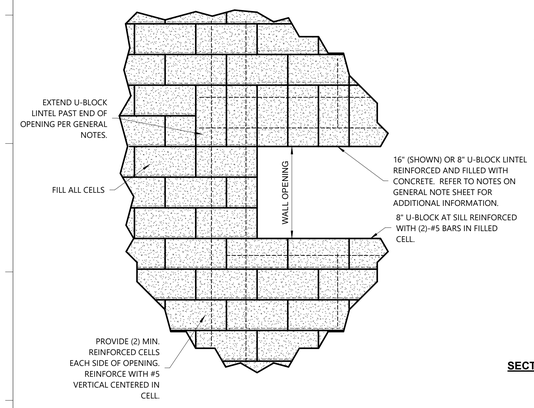
HORIZONTAL WALL REINF. AT U-BLOCKS



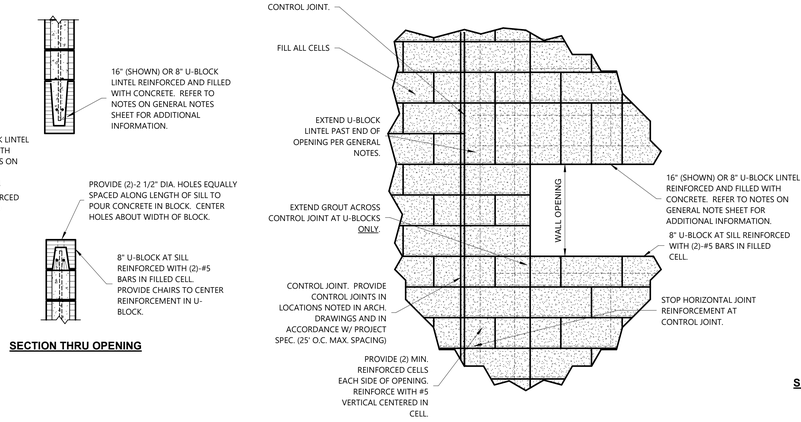
Keynote Legend

1 STEEL BEAM - SEE PLAN FOR SIZE.
2 STEEL JOIST - SEE PLAN FOR SIZE.
3 GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
4 CMU LOAD BEARING WALL. SEE PLANS AND WALL SCHEDULE FOR REINFORCEMENT.
5 L2 1/2x2 1/2x1/4 KICKER AT 48" O.C. ATTACH TO TOP CHORD OF JOISTS. SHIP LONG AND FIELD CUT.
6 8" U-BLOCK REINFORCED WITH (2)-#5 BARS CONTINUOUS IN FILLED CELL.
7 WT4x7.5 X 8" LONG WITH (6)-1/4" DIA. MASONRY SCREWS WITH 1 1/2" EMBEDMENT. PROVIDE 9/32" DIA. HOLES IN STEEL.
8 4"x4"x1/4" GUSSET PLATE. FIELD WELD TO BEAM OR JOIST TOP CHORD AT PANEL POINT LOCATION. PROVIDE CONTINUOUS 1/8" FILLET WELD ON BOTH SIDES OF GUSSET PLATE.

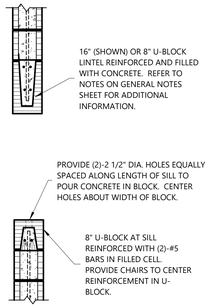
1 Bond Beam Reinforcing
N.T.S.



2 Typical CMU Wall Reinforcement Diagram
N.T.S.

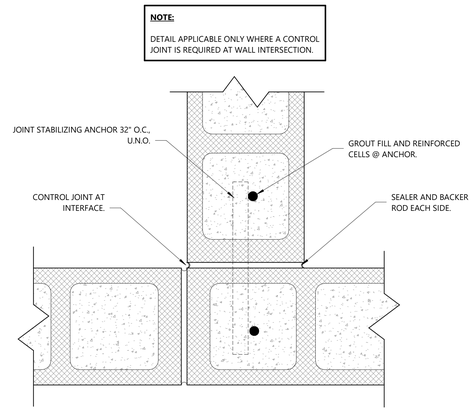


SECTION THRU OPENING

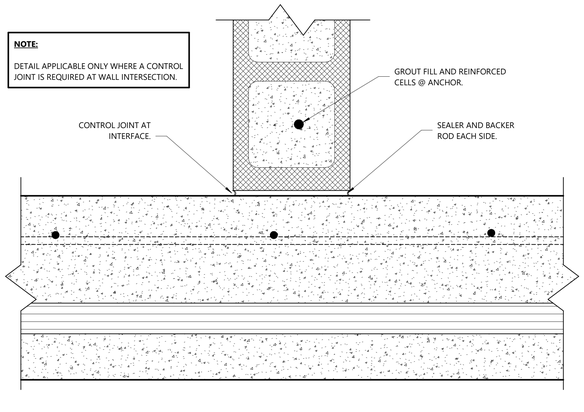


SECTION THRU OPENING

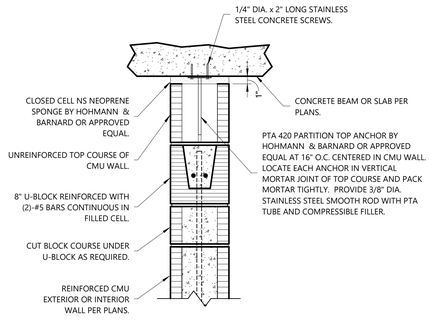
3 CMU Wall Control Joint Detail
N.T.S.



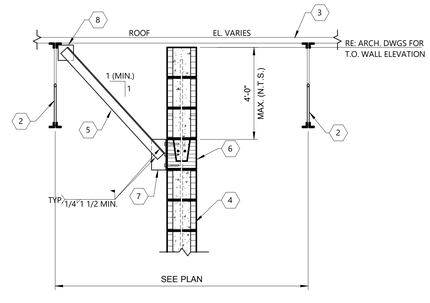
4 Typical CMU Wall Opening
N.T.S.



5 Typical CMU Wall Opening With Control Joint
N.T.S.

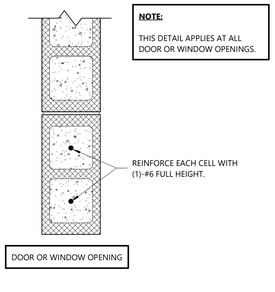


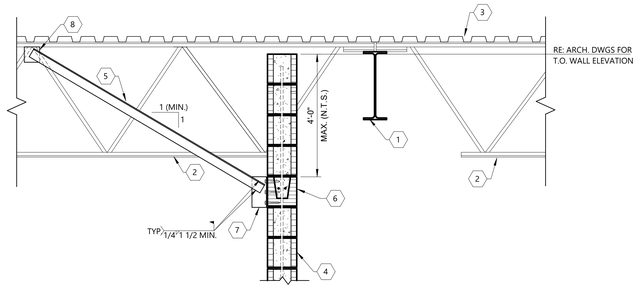
6 C.J. @ Intersection Wall
N.T.S.



WALL PARALLEL TO ROOF JOISTS

8 Typical CMU Wall Top Connection
N.T.S.





WALL PERPENDICULAR TO ROOF JOISTS

7 CMU Wall To Tilt-Up Wall (Plan View)
3" = 1'-0"

9 Reinforcement At Wall Jamb
N.T.S.

10 Interior Masonry Partition Wall Bracing Details
N.T.S.

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:06:57 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER
JOHN GUIDRY LAR36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

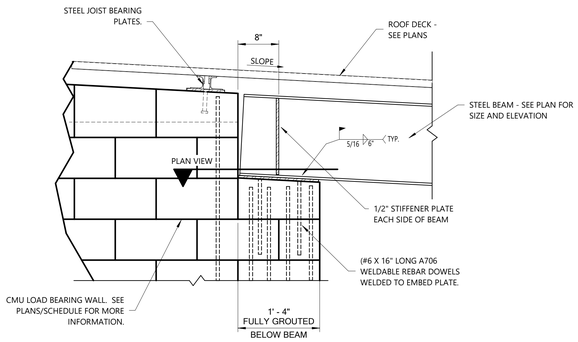
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?65
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

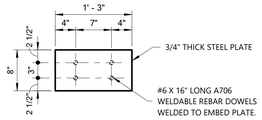
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

CMU DETAILS

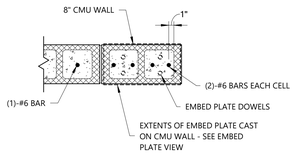
SHEET NUMBER
S5.5



SIDE VIEW

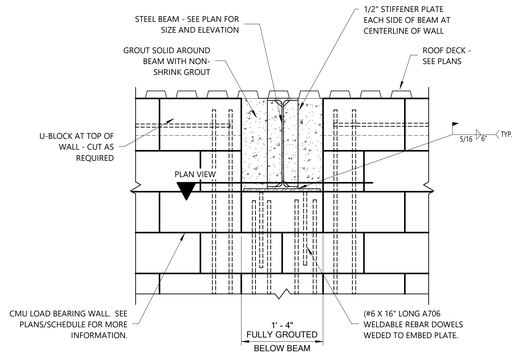


EMBED PLATE VIEW

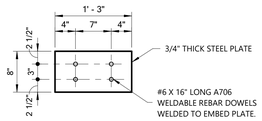


PLAN VIEW

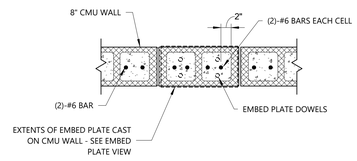
1 Sloped WF Beam On CMU Wall
1" = 1'-0"



ELEVATION VIEW

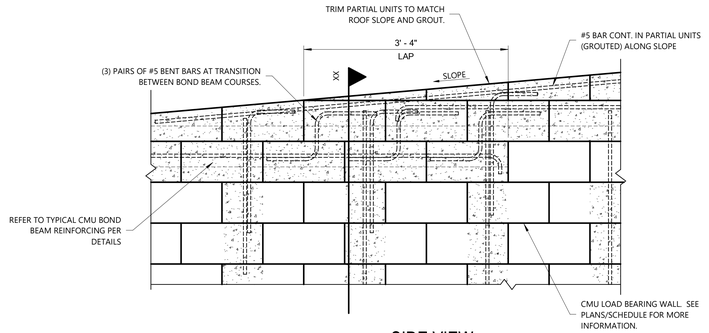


EMBED PLATE VIEW

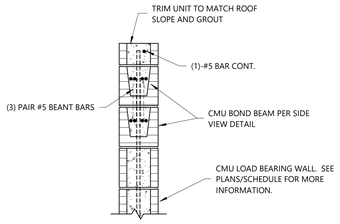


PLAN VIEW

2 WF Beam On CMU Wall
1" = 1'-0"

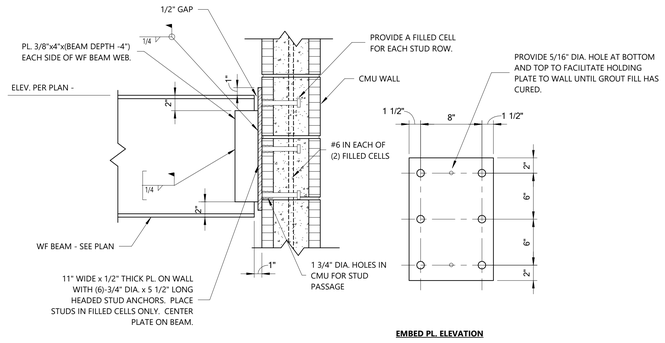


SIDE VIEW



SECTION XX

3 Stepped CMU Bond Beam At Top Of Wall Detail
1" = 1'-0"



EMBED PL. ELEVATION

4 Beam To CMU Wall
1 1/2" = 1'-0"

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - StructuralLvt
5/30/2026 4:06:48 PM

Grace
Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER

OFFICE OF JUVENILE JUSTICE

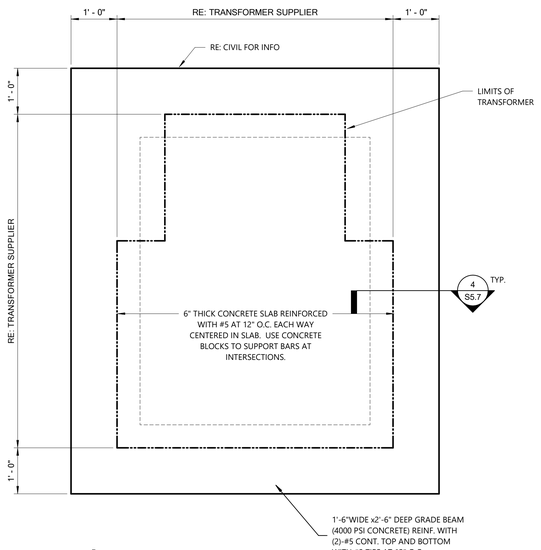
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

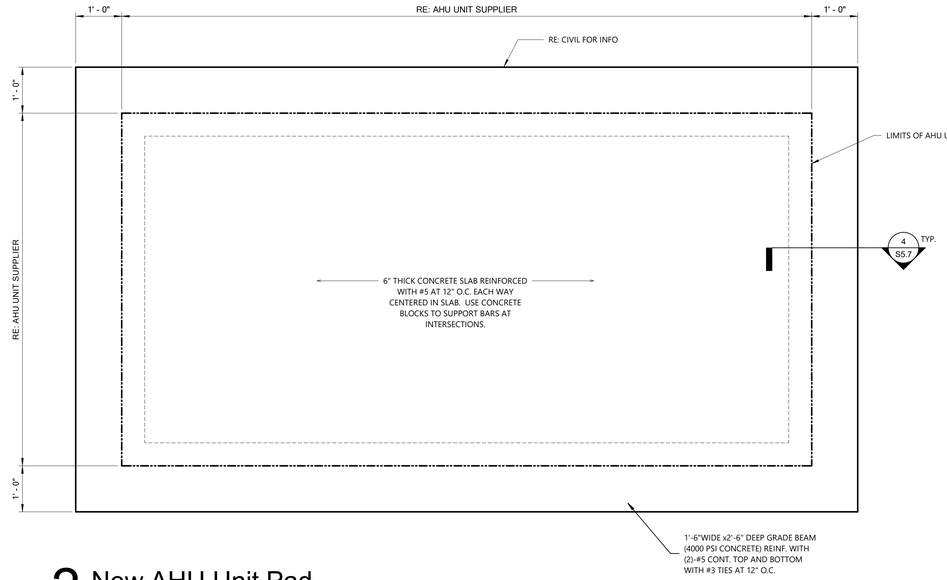
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

CMU DETAILS

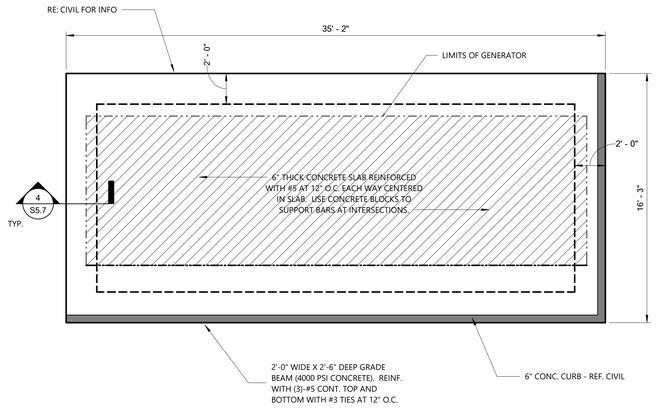
SHEET NUMBER
S5.6



1 Transformer Pad
3/4" = 1'-0"

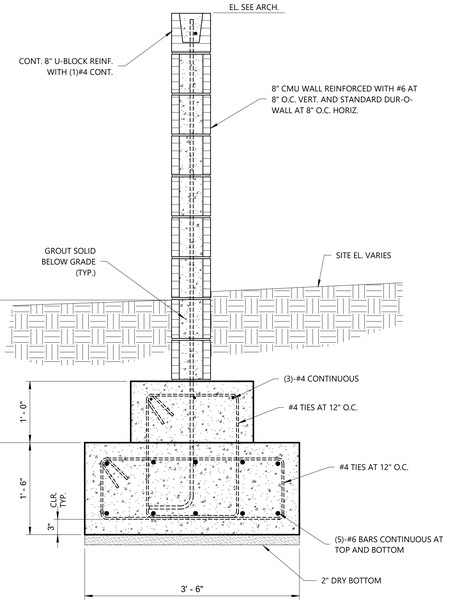


2 New AHU Unit Pad
3/4" = 1'-0"



3 Generator Pad
1/4" = 1'-0"

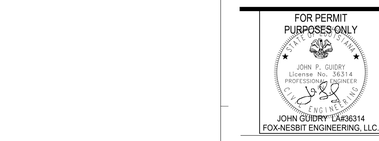
4 Typical AHU/Generator Pad Detail
1" = 1'-0"



5 Detail At Sign Footing
1" = 1'-0"

Grace
Design Studios

FOR PERMIT PURPOSES ONLY



JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
© 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

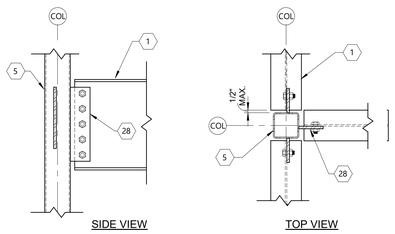
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

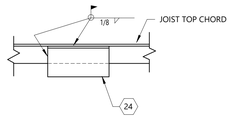
GENERATOR PAD AND MISC. DETAILS

SHEET NUMBER
S5.7

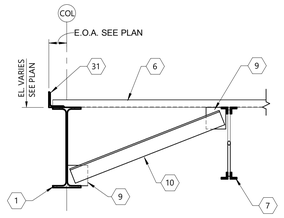
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:04:47 PM



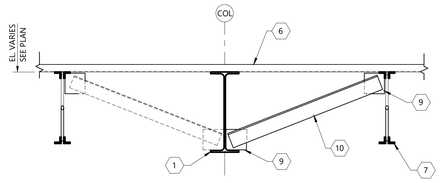
1 Beam To HSS Column
N.T.S.



2 Typical Clip Weld
N.T.S.



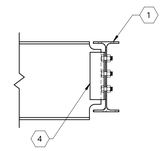
3 Exterior Roof Detail
N.T.S.



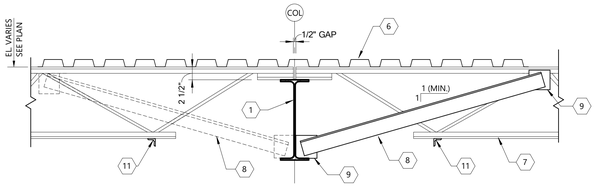
4 Typical Interior Roof Beam At Bracing
N.T.S.

NOTE:

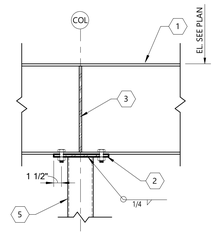
SEE PLAN FOR BEAM ELEVATIONS.



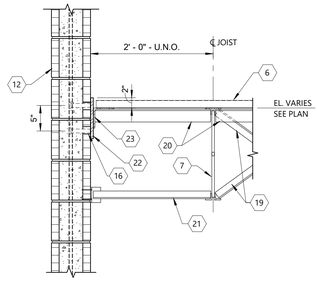
5 Typical Beam To Beam
N.T.S.



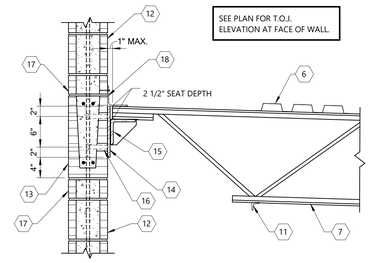
6 Typical Interior Roof Joist Detail
N.T.S. (ROOF SLOPE ≤ 1/4"/FT.)



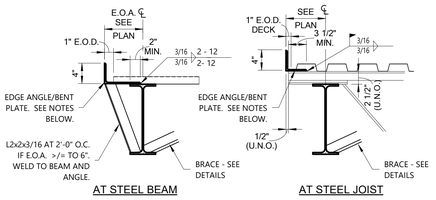
7 Beam Over Column
N.T.S.



8 Roof Section Parallel To Joists
N.T.S.



9 High End Joist Bearing At Exterior Wall
N.T.S. (ROOF SLOPE ≤ 1/4"/FT.) (PARAPET CONDITION)



NOTES:

PROVIDE CONTINUOUS EDGE MEMBER (ANGLE OR BENT PLATE) AT ALL ROOF EDGES, UNLESS NOTED OTHERWISE - L4x4 MIN.

MINIMUM THICKNESS OF EDGE MEMBER IS 1/4".

PROVIDE 4"x2"x1/4" SPLICE PLATE AT ALL JOINTS IN THE EDGE MEMBER. CENTER SPLICE PLATE ON JOINT AND WELD BOTH SIDES.

SPLICE PLATE

10 Typical Edge Angle/Bent Plate At Roof
N.T.S.

11 Roof Section Parallel To Joists
N.T.S.

12 Brace To Joist - Parallel
N.T.S.

13 Brace To Joist - Perpendicular
N.T.S.

NOTE:

USE HSS4x4x3/16 FILLER AT 4" JOIST SEAT DEPTH CONDITIONS.

14 HSS Filler At Edge
N.T.S.

NOTE:

USE HSS4x4x3/16 FILLER AT 4" JOIST SEAT DEPTH CONDITIONS.

15 HSS Filler At Interior Beam
N.T.S.

RE: ARCH. & MECH. FOR SIZE AND LOCATION. SIZE OPENING FOR SUMP PAN SUPPLIED AT ROOF DRAINS. PROVIDE AT ALL OPENINGS LARGER THAN 6" DIA. AND AT ROOF DRAINS.

16 Typical Opening Detail At Joist
N.T.S.

FIELD INSTALL ANGLE AT ALL CONCENTRATED LOADS "P" NOT OCCURRING WITHIN 3 INCHES OF A JOIST PANEL POINT.

ANGLES ARE NOT REQUIRED AT POINT LOADS OF 100 POUNDS OR SMALLER IF THE SUM OF ALL POINTS LOADS BETWEEN PANEL POINTS IS 100 POUNDS OR SMALLER.

ALL ATTACHMENTS SHALL BE MADE CONCENTRIC TO THE CHORD. (I.E., DO NOT INDUCE TWISTING INTO CHORD.)
POINT LOADS SHALL NOT EXCEED 300 POUNDS UNLESS SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS (E.G. MECHANICAL UNIT LOADINGS)

17 Joist Point Load Detail
N.T.S.

WHERE JOISTS ARE SHOWN ON PLAN TO ALIGN BUT bf < MIN. BRG. LENGTH+ 1/2", STAGGER JOISTS AS SHOWN HERE.

18 Staggered Joist Plan
N.T.S.

THIS DETAIL APPLIES AT ALL ROOF PENETRATIONS 6 INCHES OR SMALLER IN WIDTH OR DIAMETER. THIS DETAIL ONLY APPLIES AT ISOLATED OPENINGS WHERE THE CLEAR DISTANCE TO THE NEAREST OPENING IS 1'-6" OR GREATER. FOR LARGER OPENINGS AND GROUPS OF SMALLER OPENINGS, SEE DETAIL 16/S6.1. REFERENCE ARCHITECT OR MEP DRAWINGS FOR ALL REQUIRED OPENINGS. GC TO COORDINATE AS REQUIRED.

19 Small Reinforced Roof Deck Opening
N.T.S.

20 Sloped Joist Roof Edge (High End)
1" = 1'-0"

21 Sloped Joist Roof Edge At CMU (High End)
1" = 1'-0"

22 Sloped Joist To CMU Wall
N.T.S.

Keynote Legend

1 STEEL BEAM - SEE PLAN FOR SIZE.
2 3/4" CAP PLATE WITH (4)-3/4" DIA. S325-N BOLTS.
3 3/8" STIFFENER PLATE EACH SIDE OF BEAM WEB. WELD BOTH SIDES CONTINUOUS WITH 1/4" FILLET WELD.
4 STANDARD DOUBLE ANGLE BEAM CONNECTION. RE: BEAM CONNECTION SCHEDULE AND DETAIL FOR INFORMATION.
5 STEEL COLUMN - SEE PLAN FOR SIZE.
6 GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
7 STEEL JOIST - SEE PLAN FOR SIZE.
8 BRACE ALL INTERIOR BEAMS TO JOISTS WITH L2 1/2x2 1/2x3/16 BRACE. BRACE AT EVERY OTHER JOIST LINE. STAGGER BRACES SIDE TO SIDE OF EACH BRACED JOIST LINE. FIELD WELD EACH END 3 SIDES.
9 4"x4"x1/4" GUSSET PLATE. FIELD WELD TO BEAM OR JOIST TOP CHORD AT PANEL POINT LOCATION. PROVIDE CONTINUOUS 1/8" FILLET WELD ON BOTH SIDES OF GUSSET PLATE.
10 BRACE ALL ROOF BEAMS PARALLEL TO JOIST WITH L2 1/2x2 1/2x3/16 AT 8'-0" O.C. MAX. SPACING. FIELD WELD EACH END 3 SIDES TO GUSSET PLATE. STAGGER BRACE SIDE TO SIDE OF BEAM AT INTERIOR BEAMS.
11 CONTINUOUS JOIST UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.
12 CMU WALL - SEE PLANS/SCHEDULE FOR MORE INFORMATION.
13 CONTINUOUS 16" DEEP U-BLOCK WITH (2)-#5 TOP AND BOTTOM CONTINUOUS IN CONCRETE FILL.
14 PLATE 1/2"x10"x10" WITH (4)-3/4" DIAMETER x 5 1/2" HEADED STUDS LOCATED 6" c/c AT EACH JOIST LOCATION. CENTER PLATE ON EACH JOIST LOCATION.
15 ANGLE 5x5x1/2x8" WITH 3/8" STIFFENER AT CENTER. WELD TO EMBED PLATE WITH 3/8" FILLET WELD ALL AROUND. LOCATE AT CENTER OF EACH JOIST.
16 1 3/4" DIAMETER HOLE IN BLOCK FOR STUD PASSAGE.
17 CUT BLOCK AS REQUIRED FOR COURSING AND PLACEMENT OF BOTTOM OF U-BLOCK.
18 CONTINUOUS 16 GAGE BENT PLATE WITH 4" LEGS. WELD TO EACH JOIST. FASTEN TO CMU WITH 1/4" DIAMETER x 1 1/2" LONG CONCRETE SCREWS AT 8" O.C.
19 TWO BAYS OF BRACE ANGLE 1 1/2X1 1/2X7/16 AT ENDS OF ALL JOIST BRIDGING ROWS BY JOIST SUPPLIER.
20 TWO BAYS OF ANGLE L2X2X1/4 AT 4'-0" O.C. MAX.. WELD TO EDGE ANGLE AND JOIST ALL AROUND WITH 3/16" FILLET WELD.
21 HORIZONTAL BRIDGING BY JOIST SUPPLIER. ATTACH TO WALL.
22 PLATE 1/2"x8"x4" WITH (2)-3/4" DIAMETER x 5 1/2" HEADED STUDS 5"c/c AT 32" O.C. MAXIMUM. SET PLATE PRIOR TO FILLING CMU CELL. ALIGN PLATE WITH FILLED CELL.
23 CONTINUOUS ANGLE 4x4x1/4. WELD TO EACH EMBED PLATE WITH 3/16" FILLET WELD ALL AROUND.
24 L4x4x1/4 X 6" LONG AT EACH KICKER (BRACE).
25 CONTINUOUS 16" DEEP U-BLOCK STEPPED AND CUT AS REQUIRED WITH (2)-#5 TOP AND BOTTOM CONTINUOUS IN CONCRETE FILL. 8" MINIMUM HEIGHT.
26 EMBED PLATE 3/8"x7"x7" WITH (2)-5/8" DIAMETER x 4" HEADED STUDS 4" c/c. LOCATE PLATE AT EACH JOIST.
27 X-BRACING - SEE GENERAL NOTES FOR INFORMATION.
28 STANDARD SINGLE PLATE BEAM CONNECTION. RE: TYPICAL BEAM TO HSS COLUMN CONNECTION SCHEDULE AND DETAIL.
29 COLD-FORMED METAL WALL STUDS DESIGNED BY COLD-FORMED METAL FRAMING SUPPLIER. RE: ARCH. DRAWINGS FOR STUD DEPTH. SEE SPECIFICATION 05 4000 FOR MORE INFORMATION.
30 COLD-FORMED METAL SLIP CONNECTION DESIGNED AND PROVIDED BY COLD-FORMED METAL FRAMING SUPPLIER. ATTACH TO STRUCTURE AS SHOWN AND PROVIDE VERTICAL SLIP PER SPECIFICATIONS. AT LOCATIONS WHERE CONNECTION IS INDICATED TO WEB OF STEEL BEAM, THE CONNECTION SHALL BE MADE AS CLOSE TO TOP FLANGE OF BEAM AS POSSIBLE.
31 CONTINUOUS EDGE MEMBER PER "TYPICAL EDGE ANGLE/BENT PLATE AT ROOF" DETAIL.
32 BRACE ALL ROOF EDGE BEAMS TO EVERY JOIST USING AN L2 1/2x2 1/2x3/16 KICKER BRACE. FIELD WELD 3 SIDES EACH END. JOIST SUPPLIER SHALL DESIGN EACH JOIST FOR A 1700 POUND ASD-FACTORED BRACE FORCE (TENSION OR COMPRESSION) DUE TO WIND. ATTACHMENT TO JOIST SHALL BE AT PANEL POINT.
33 4" DEEP TOP CHORD EXTENDED END WITH SAME LOAD CAPACITY AS JOIST ON BACK SPAN. LIMIT TOTAL LOAD DEFLECTION AT END TO 1/4".
34 CONTINUOUS 16" DEEP U-BLOCK WITH (2)-#5 TOP AND BOTTOM CONTINUOUS IN CONCRETE FILL. CUT AS REQUIRED. 8" MINIMUM DEPTH REQUIRED.

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER
JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02 Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

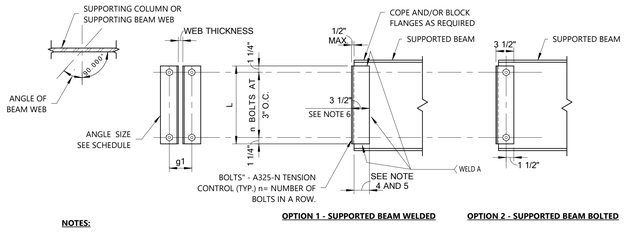
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FRAMING DETAILS

SHEET NUMBER
S6.1

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:06:53 PM



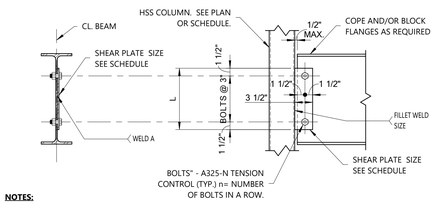
OPTION 1 - SUPPORTED BEAM WELDED **OPTION 2 - SUPPORTED BEAM BOLTED**

NOTES:

1. WHERE BEAMS AND GIRDERS FRAME INTO A W8 COLUMN OR THE WEB OF A W10 COLUMN, ANGLE SIZE 3x3 1/2xSAME THICKNESS SHALL BE USED AND g1 SHALL BE DECREASED BY 2" TYPICALLY.
2. FOR CHANNEL CONNECTIONS, USE ANGLE AND BOLTS FOR SIMILAR DEPTH BEAM SHOWN BELOW.
3. FOR ANGLES 0 DEGREES TO 14 DEGREES FROM PERPENDICULAR, ANGLES SHALL BE BENT.
4. FOR ANGLES 14 DEGREES TO 33.7 DEGREES FROM PERPENDICULAR, PROVIDE (2) BENT PLATES 3/8" X AS REQUIRED BY GEOMETRY (PROVIDE MIN. 3/16" WELD ALL AROUND).
5. FOR ANGLES 33.7 DEGREES TO 71.6 DEGREES FROM PERPENDICULAR, PROVIDE (1) BENT PLATE 3/8" X AS REQUIRED BY GEOMETRY (PROVIDE MIN. 3/16" WELD ALL AROUND). AT W24's AND DEEPER PROVIDE 1/2" THICK BENT PLATE.
6. LEG SHALL BE ADJUSTED WHERE REQUIRED BY GEOMETRY.
7. AT ALL BEAM CONNECTIONS TO DIAGONAL BRACED FRAME COLUMNS IN WHICH BEAM IS PARALLEL TO THE DIAGONAL BRACED FRAME, THE CONNECTION ANGLE THICKNESS SHALL BE INCREASED TO 1/2" AND "WELD A" SHALL BE 1/4".
8. AT DOUBLE BEAM CONNECTIONS AT COLUMNS, INCREASE ANGLE LEG AND ADD BOLTS AS REQUIRED TO MEET OSHA STANDARDS.
9. FOR BEAM TO BEAM CONNECTIONS, PROVIDE CONNECTION PER THE SHALLOWER MEMBER AND COPE SUPPORTED BEAM AS REQUIRED.
10. CONNECTION TO WEB OF SUPPORTED BEAM MAY BE WELDED OR BOLTED.

BEAM SIZE	ANGLE SIZE	L (inches)	n	g1	WELD A	BOLTS
W8's & W10's	L4x3 1/2x5/16	5 1/2	2	5 1/2	1/4	3/4"
W12's	L4x3 1/2x5/16	8 1/2	3	5 1/2	1/4	3/4"
W14's	L4x3 1/2x5/16	8 1/2	3	5 1/2	1/4	3/4"
W16's	L4x3 1/2x5/16	11 1/2	4	5 1/2	1/4	3/4"
W18's	L4x3 1/2x5/16	14 1/2	5	5 1/2	1/4	3/4"
W21's	L4x3 1/2x5/16	17 1/2	6	5 1/2	1/4	3/4"
W24's	L4x3 1/2x5/16	20 1/2	7	5 1/2	1/4	3/4"
W27's	L4x3 1/2x5/16	23 1/2	8	5 1/2	1/4	3/4"
W30's	L4x3 1/2x5/16	26 1/2	9	5 1/2	1/4	3/4"

1 Typical Beam Connection Schedule And Detail
1" = 1'-0"

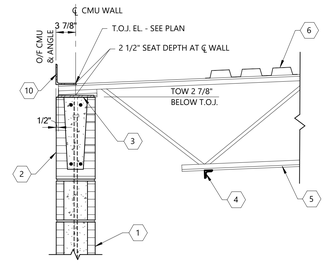


NOTES:

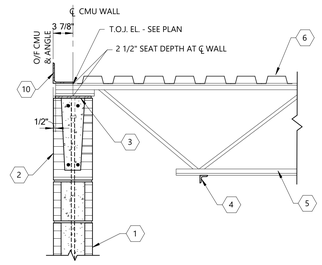
1. WHERE BEAM FRAMES INTO FLAT FACE OF HSS COLUMN ON A SKEW 10 DEGREES OR LESS FROM PERPENDICULAR, PLATE SHALL BE WELDED TO COLUMN WITH FILLET WELD AS INDICATED IN TABLE BELOW.
2. WHERE BEAM FRAMES INTO FLAT FACE OF HSS COLUMN ON A SKEW GREATER THAN 10 DEGREES FROM PERPENDICULAR SHALL BE FULL PEN WELDED TO COLUMN.
3. FOR PLATES ATTACHING TO THE RADIUSED CORNER OF AN HSS COLUMN USE COMPLETE JOINT PENETRATION WELD.
4. SLOTTED BOLT HOLES SHALL NOT BE USED, UNLESS NOTED OTHERWISE, EXCEPT AT LOCATIONS APPROVED BY ENGINEER VIA THE RFI PROCESS..

BEAM SIZE	PLATE SIZE (inches)	L (inches)	n	WELD (TYP.) EA. SIDE (inches)	BOLTS (TYP.)
W8's	5/16	6	2	1/4	3/4"
W10's	5/16	6	2	1/4	3/4"
W12's	5/16	9	3	1/4	3/4"
W14's	5/16	9	3	1/4	3/4"
W16's	5/16	12	4	1/4	3/4"
W18's	5/16	15	5	1/4	3/4"
W21's	5/16	18	6	1/4	3/4"
W24's	5/16	21	7	1/4	3/4"
W27's	5/16	24	8	1/4	3/4"

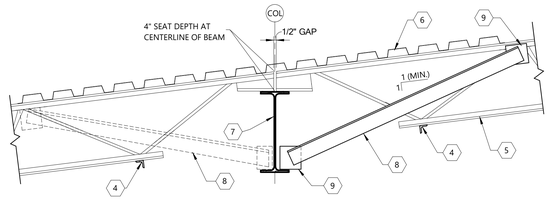
2 Typical Beam To HSS Column Connection Schedule And Detail
1" = 1'-0"



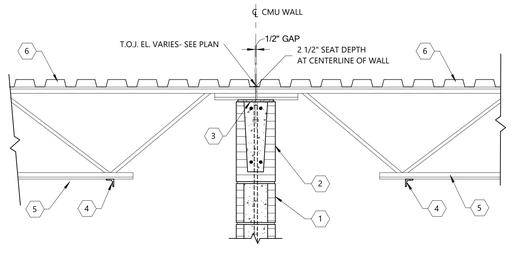
3 Roof Section At Joist - Low End
1" = 1'-0"



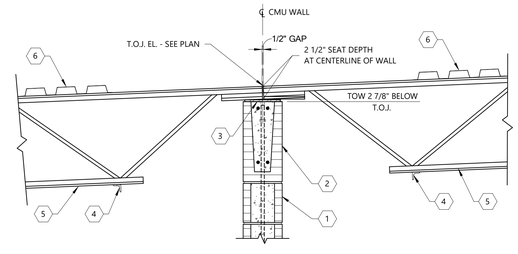
4 Roof Section At Joist To CMU Wall
1" = 1'-0"



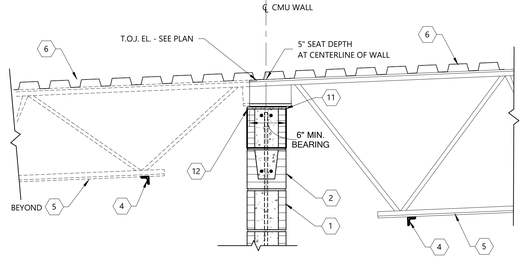
5 Interior Roof Joist Detail At Beam
1" = 1'-0"
(ROOF SLOPE > 1/4"/FT.)



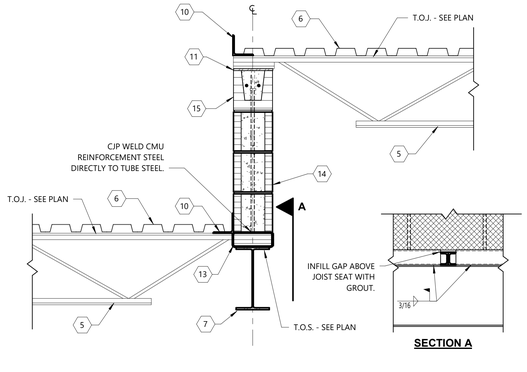
6 Interior Joist Bearing Detail At CMU Wall
1" = 1'-0"



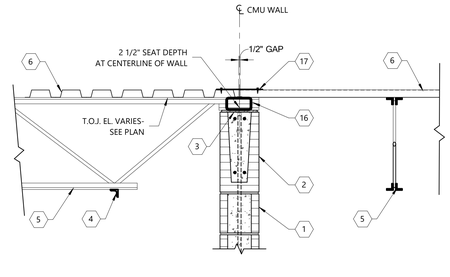
7 Interior Joist Bearing Detail At CMU Wall
1" = 1'-0"
(ROOF SLOPE ≤ 1/4"/FT.)



8 Interior Joist Bearing Detail At Gym CMU Wall
1" = 1'-0"
(ROOF SLOPE ≤ 1/4"/FT.)



9 Section at CMU Over Beam
1" = 1'-0"



10 Interior Joist Bearing Detail At Deck Direction Change
1" = 1'-0"

Keynote Legend

1. CMU WALL - SEE PLANS/SCHEDULE FOR MORE INFORMATION.
2. CONTINUOUS 16" DEEP U-BLOCK WITH (2)-#5 TOP AND BOTTOM CONTINUOUS IN CONCRETE FILL. CUT AS REQUIRED. 8" MINIMUM DEPTH REQUIRED.
3. EMBED PLATE 3/8"x7"x7" WITH (2)-5/8" DIAMETER x 4" HEADED STUDS 4" c/c. LOCATE PLATE AT EACH JOIST.
4. CONTINUOUS JOIST UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.
5. STEEL JOIST - SEE PLAN FOR SIZE.
6. GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
7. STEEL BEAM - SEE PLAN FOR SIZE.
8. BRACE ALL INTERIOR BEAMS TO JOISTS WITH L2 1/2x2 1/2x3/16 BRACE. BRACE AT EVERY OTHER JOIST LINE. STAGGER BRACES SIDE TO SIDE OF EACH BRACED JOIST LINE. FIELD WELD EACH END 3 SIDES.
9. 4"x4"x1/4" GUSSET PLATE. FIELD WELD TO BEAM OR JOIST TOP CHORD AT PANEL POINT LOCATION. PROVIDE CONTINUOUS 1/8" FILLET WELD ON BOTH SIDES OF GUSSET PLATE.
10. CONTINUOUS EDGE MEMBER PER "TYPICAL EDGE ANGLE/BENT PLATE AT ROOF" DETAIL.
11. EMBED PLATE 3/8"X7"X9" WITH (2)-5/8" DIAMETER X 4" HEADED STUDS 4" C/C. LOCATE PLATE AT EACH JOIST.
12. EMBED PLATE 3/8"X7"X7" WITH (2)-5/8" DIAMETER X 4" HEADED STUDS 4" C/C. LOCATE PLATE WITH EACH K-JOIST (BEYOND)
13. HSS8X3X1/4 MEMBER BETWEEN JOISTS.
14. CMU LOAD BEARING WALL. SEE PLANS AND WALL SCHEDULE FOR REINFORCEMENT.
15. 8" U-BLOCK REINFORCED WITH (2)-#5 BARS CONTINUOUS IN FILLED CELL.
16. PROVIDE HSS5X2 1/2X1/4 BETWEEN JOISTS TO SUPPORT DECK WELDED TO EMBED PLATE WITH (2) 2" LONG 3/16 FILLET WELDS ALONG BOTH SIDES OF HSS.
17. 20 GAGE X 9" WIDE CONTINUOUS PLATE ALONG DECK TRANSITION JOINT. SCREW TO EACH DECK WITH #12 TEK SCREWS AT 6" O.C.

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER
JOHN GUIDRY" LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX:NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
ⓒ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

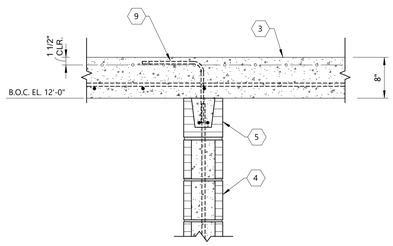
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

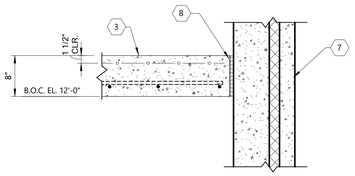
FRAMING DETAILS

SHEET NUMBER
S6.2

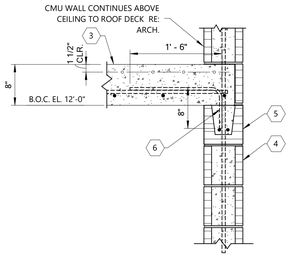
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:06:57 PM



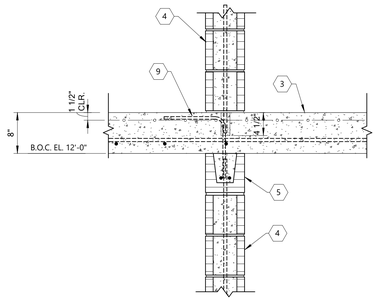
1 Detail At Interior Elevated Slab
1" = 1'-0"



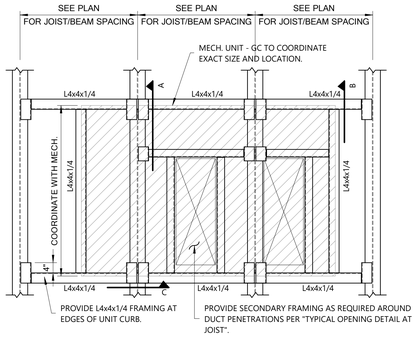
2 Elevated Slab At Tilt-Up Wall
1" = 1'-0"



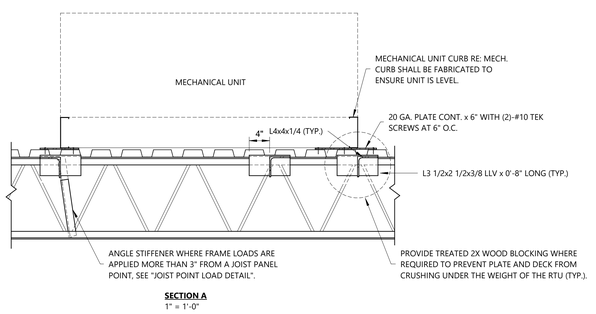
3 Section At Elevated Slab
1" = 1'-0"



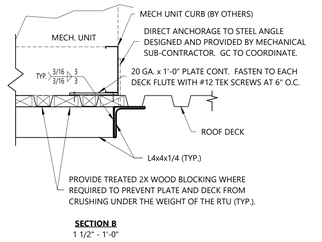
4 Detail At Interior Elevated Slab With Wall
1" = 1'-0"



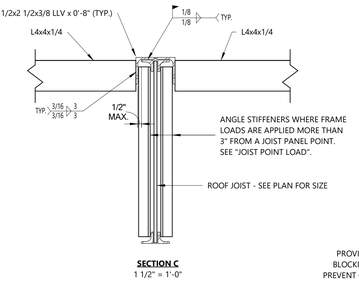
5 Typ. Mech. Support Unit
N.T.S.



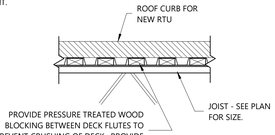
SECTION A
1" = 1'-0"



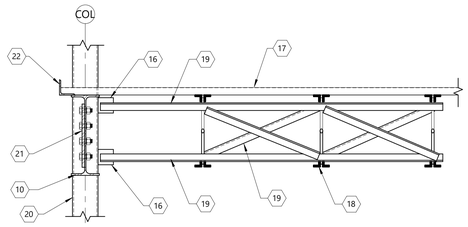
SECTION B
1 1/2" - 1'-0"



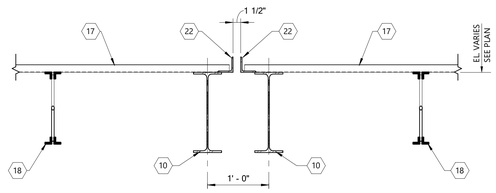
SECTION C
1 1/2" = 1'-0"



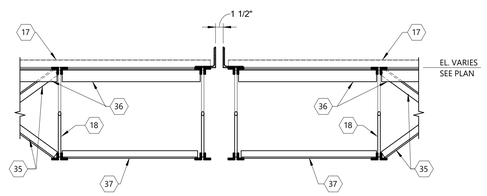
6 Blocking At RTU Curb
N.T.S.



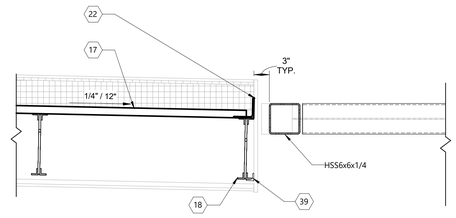
7 Detail At Joist X-Bracing To Column
1" = 1'-0"



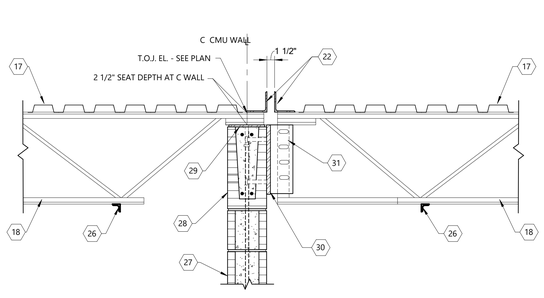
8 Expansion Joints At WF Beams
1" = 1'-0"



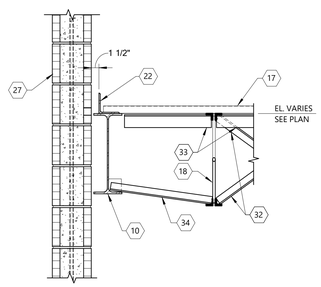
9 Expansion Joint At High Roof
1" = 1'-0"



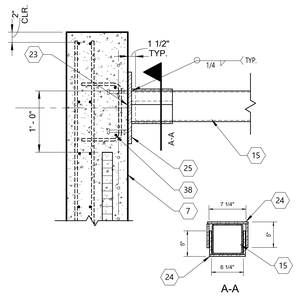
15 Typ. Section at Rec Roof Edge
N.T.S.



10 Detail At Expansion Joint
1" = 1'-0"

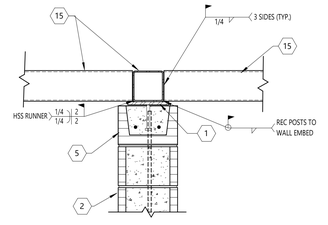


11 Roof Section Parallel To Joists At Exp. Joint
1" = 1'-0"

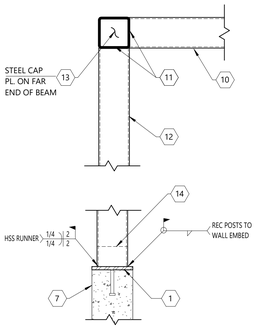


A-A

12 HSS Rec Yard Beam To Tilt-Up Wall
1" = 1'-0"



13 Rec. Yard Post To Wall Detail
1" = 1'-0"



14 Rec. Yard Post To End Wall
N.T.S.

Keynote Legend

1 EMBED PLATE 5/8" THICK x 12"x8" WITH (3)-5/8" DIAMETER x 5" LONG HEADED STUDS WELDED TO PLATE. EQUALLY SPACE STUDS IN A VERTICAL ROW ON PLATE.
2 CMU LOAD BEARING WALL. SEE PLANS AND WALL SCHEDULE FOR REINFORCEMENT.
3 CONCRETE SLAB - SEE PLAN FOR MORE INFORMATION.
4 8" CMU WALL - SEE ARCH. DRAWINGS. FOR EXACT LOCATION.
5 8" U-BLOCK REINFORCED WITH (2)-#5 BARS CONTINUOUS IN FILLED CELL.
6 #4 x 2'-0" LONG ASTM A706 WELDABLE REBARS AT 12" O.C. WELD ALL AROUND TO FLOOR EDGE WITH 5/16" FILLET WELD. LOCATE BARS AS REQUIRED TO AVOID CONFLICTS WITH POSTS.
7 SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.
8 3/4" EXPANSION JOINT SEALED.
9 #5 L BARS (A=12";B=12") AT 24" O.C.
10 STEEL BEAM - SEE PLAN FOR SIZE.
11 WELD ALL REC. YARD SECURITY SCREEN HSS POSTS AND BEAM CONNECTIONS ALL AROUND WITH SEALED 1/4" EFFECTIVE WELDS. GRIND AND CLEAN EXPOSED WELDS.
12 STEEL POST COLUMN - SEE PLAN AND SCHEDULE FOR SIZE AND OTHER INFORMATION.
13 PROVIDE 1/4" STEEL CAP ON ALL EXPOSED ENDS OF HSS MEMBERS. WELD CAPS ALL AROUND AND GRIND AND CLEAN EXPOSED WELDS.
14 FIELD WELD HSS RUNNER OVER WALL TO EACH REC. YARD POST ALONG 3 SIDES. GRIND AND CLEAN WELDS.
15 HSS BEAM - SEE PLAN FOR SIZE AND ELEVATION.
16 PLATE 4"X4"X1/4". WELD TO WEB AND FLANGE OF BEAM. WELD BRACE ANGLE TO PLATE.
17 GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
18 STEEL JOIST - SEE PLAN FOR SIZE.
19 PROVIDE ANGLE 2x2x3/16 HORIZONTAL BRIDGING FOR 3 BAYS ADJACENT TO COLUMN. CONNECT TO COLUMN WITH 4"x4"x1/4" TAB PLATES WELDED TO COLUMN. PROVIDE ANGLE 2x2x3/16 DIAGONAL BRACING IN TWO (2) BAYS AS INDICATED.
20 STEEL COLUMN - SEE PLAN FOR SIZE.
21 STANDARD SINGLE PLATE BEAM CONNECTION. RE: TYPICAL BEAM TO HSS COLUMN CONNECTION SCHEDULE AND DETAIL.
22 CONTINUOUS EDGE MEMBER PER "TYPICAL EDGE ANGLE/BENT PLATE AT ROOF" DETAIL.
23 EMBEDDED STEEL PLATE "L" IN TILT-UP CONCRETE WALL CENTERED HORIZONTALLY ON EACH JOIST. RE: EMBEDDED STEEL CONNECTOR SCHEDULE PLATE INFORMATION.
24 3/8" SADDLE PLATE.
25 EMBED PLATE "L" AT EACH HSS TUBE LOCATION.
26 CONTINUOUS JOIST UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.
27 CMU WALL - SEE PLANS/SCHEDULE FOR MORE INFORMATION.
28 CONTINUOUS 16" DEEP U-BLOCK WITH (2)-#5 TOP AND BOTTOM CONTINUOUS IN CONCRETE FILL. CUT AS REQUIRED. 8" MINIMUM DEPTH REQUIRED.
29 EMBED PLATE 3/8"x7"x7" WITH (2)-5/8" DIAMETER x 4" HEADED STUDS 4" c/c. LOCATE PLATE AT EACH JOIST.
30 BEAM EMBED PLATE WITH 1 1/2" SLOTTED BOLT HOLES. FIELD WELD SHEAR PLATE TO EMBED PERPENDICULAR TO ROOF SLOPE.
31 FLUSH FRAME JOIST END CONNECTION AT EXPANSION JOINT LOCATION.
32 BRACE ALL ROOF EDGE BEAMS TO EVERY JOIST USING AN L2 1/2x2 1/2x3/16 KICKER BRACE. FIELD WELD 3 SIDES EACH END. JOIST SUPPLIER SHALL DESIGN EACH JOIST FOR A 1700 POUND ASD-FACTORED BRACE FORCE (TENSION OR COMPRESSION) DUE TO WIND. ATTACHMENT TO JOIST SHALL BE AT PANEL POINT.
33 TYPE R JOIST EXTENSION.
34 FASTEN DECK TO HSS COLLECTORS WITH 5/8" DIA. PUDDLE WELDS AT 6" O.C. MAX. PROVIDE 16 GA. WELD WASHERS WITH 3/8" DIA. HOLES AT 24 GA. DECK.
35 TWO BAYS OF BRACE ANGLE 1 1/2X1 1/2X7/16 AT ENDS OF ALL JOIST BRIDGING ROWS BY JOIST SUPPLIER.
36 TWO BAYS OF ANGLE L2X2X1/4 AT 4'-0" O.C. MAX., WELD TO EDGE ANGLE AND JOIST ALL AROUND WITH 3/16" FILLET WELD.
37 HORIZONTAL BRIDGING BY JOIST SUPPLIER. ATTACH TO WALL.
38 (2)-#5 CONT. WITH #4 U-BARS (A=10", B=8").
39 CONT. L2X2X1/8 ATTACHED TO BOTTOM CHORD OF JOIST W/ #10 TEKS SCREWS AT 6" O.C.

Grace Design Studios

FOR PERMIT PURPOSES ONLY
JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA
JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

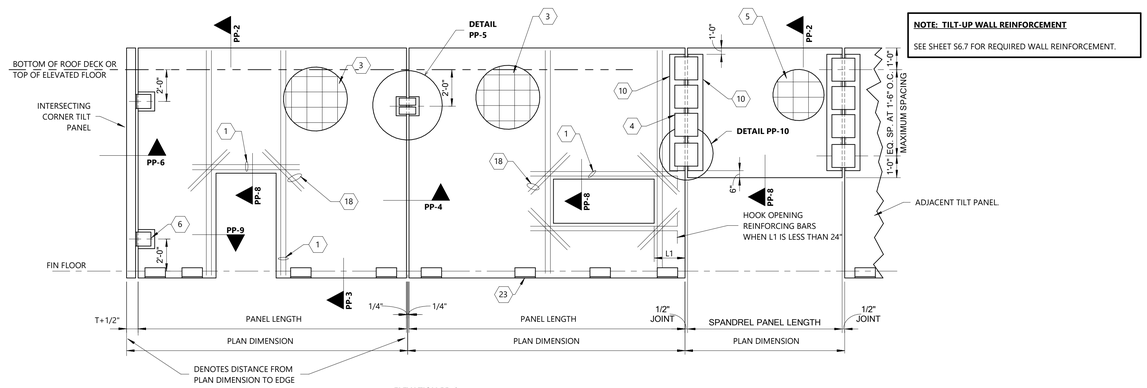
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

FRAMING DETAILS

SHEET NUMBER
S6.3

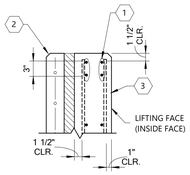
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:07:03 PM



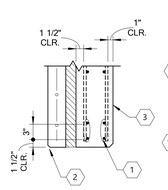
NOTE: TILT-UP WALL REINFORCEMENT

SEE SHEET S6.7 FOR REQUIRED WALL REINFORCEMENT.

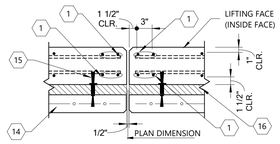
ELEVATION PP-1
SCHEMATIC PANEL ELEVATIONS



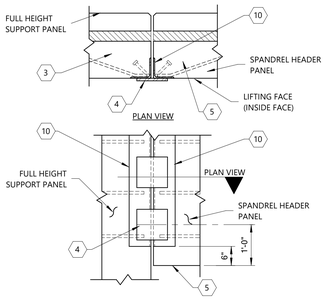
DETAIL PP-2
TOP EDGE



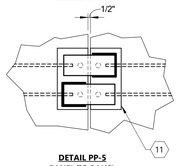
DETAIL PP-3
BOTTOM EDGE



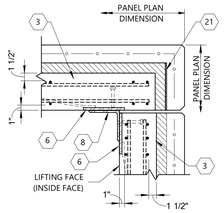
PLAN DETAIL PP-4
SIDE EDGE



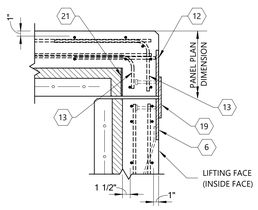
DETAIL PP-10
SPANDREL TO PANEL



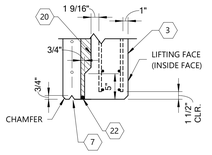
DETAIL PP-5
PANEL TO PANEL



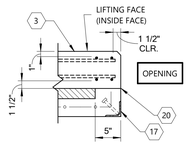
PLAN DETAIL PP-6
CORNER



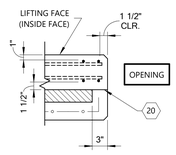
PLAN DETAIL PP-6
INTERIOR CORNER



DETAIL PP-8
OPENING HEADER

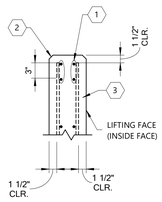


PLAN DETAIL PP-9
DOCK DOOR JAMB

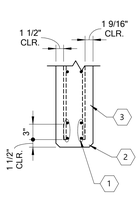


PLAN DETAIL PP-9
OPENING JAMB

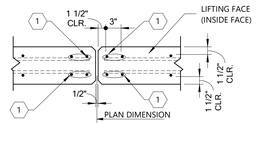
1 Typical Insulated Wall Panel Details
N.T.S.



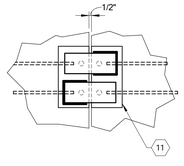
DETAIL PP-2
TOP EDGE



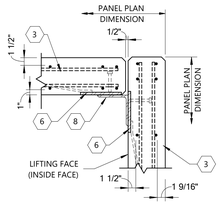
DETAIL PP-3
BOTTOM EDGE



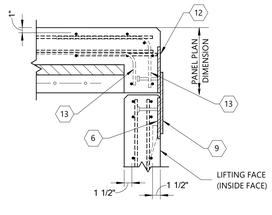
PLAN DETAIL PP-4
SIDE EDGE



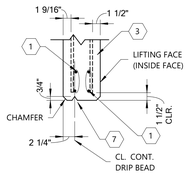
DETAIL PP-5
PANEL TO PANEL (OPTIONAL)



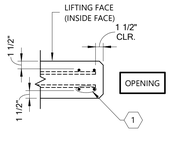
PLAN DETAIL PP-6
CORNER



PLAN DETAIL PP-6
INTERIOR CORNER

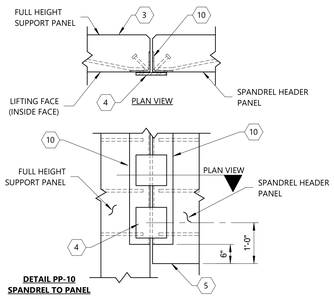


DETAIL PP-8
OPENING HEADER

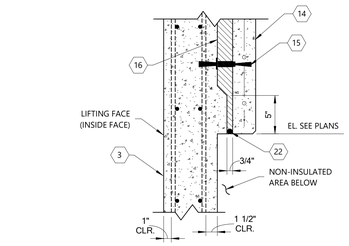


PLAN DETAIL PP-9
OPENING JAMB

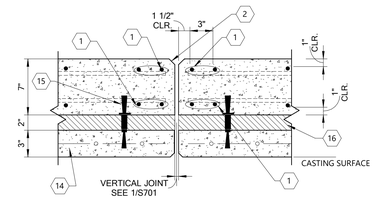
2 Typical Wall Panel Details - Non-Insulated
1" = 1'-0"



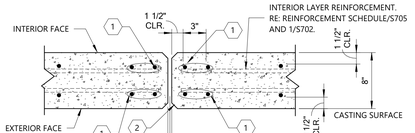
DETAIL PP-10
SPANDREL TO PANEL



3 Transition Of Insulated Panel
N.T.S.



4 Typical Insulated Panel Section
N.T.S.



5 Typical Non-Insulated Panel Section
N.T.S.

Keynote Legend

1 2-#5 BARS AT ALL PANEL EDGES. EXTEND VERTICAL BARS THE FULL HEIGHT OF THE PANEL AND THE HORIZONTAL BARS 24" MINIMUM PAST OPENINGS AND / OR INDENTIONS, EXCEPT IF AN ADJACENT OPENING IS WITHIN 4 FEET OF THE OPENING, PROVIDE CONTINUOUS HORIZONTAL BARS. IF A PANEL EDGE IS LESS THAN 24" FROM AN OPENING, PROVIDE A 90 DEGREE HOOK ON BOTH HORIZONTAL #5 BARS. PROVIDE VERTICAL REINFORCING BELOW TYPICAL REINFORCING AND HORIZONTAL REINFORCEMENT ABOVE TYPICAL REINFORCING.

2 3/4" CHAMFERED EDGE AT ALL EXPOSED PANEL EDGES - SEE ARCH.

3 SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.

4 6"X6"X3/8" JUMPER PLATE AT 18" O.C. WELD PLATE CONTINUOUS VERTICALLY TO EMBED.

5 SITE CAST TILT-UP CONCRETE WALL SPANDREL PANEL (SAME THICKNESS AS ADJACENT WALL PANEL -U.N.O.) REINF. WITH DOUBLE LAYER OF #6 HORIZONTAL AT 12" O.C. AND #4 VERTICAL AT 12" O.C.

6 EMBEDDED STEEL PLATE "G" IN EACH PANEL AT PANEL CORNERS LOCATED 2'-0" BELOW BOTTOM OF ROOF DECK ELEVATION AND 2'-0" BELOW ELEVATED FINISHED FLOOR ELEVATION IF MULTI-STORY PANELS ARE INCLUDED IN PROJECT), AND 2'-0" ABOVE FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.

7 PROVIDE A CONTINUOUS 3/4" DEEP DRIP BEAD AT HEAD OF ALL EXPOSED OPENINGS. RE: ARCH. FOR REQUIRED LOCATIONS.

8 6"x6"x3/8" ANGLE OR BENT PLATE X 6" LONG. WELD TO EMBED PLATES CONTINUOUS VERTICALLY ONLY WITH 1/4" FILLET WELDS.

9 3/8" THICK JUMPER PLATE 6" TALL X 1'-0" LONG. WELD TO PLATE "G" TOP AND BOTTOM AND VERTICALLY TO PLATE "H" WITH 1/4" FILLET WELD.

10 EMBEDDED STEEL ANGLE "S" IN CORNERS OF PANEL AND SPANDREL PANEL. LENGTH OF ANGLE SHALL EQUAL HEIGHT OF SPANDREL PANEL MINUS 1'-0".

11 OPTIONAL EMBEDDED STEEL PLATE "N" AT EACH SIDE OF PANEL JOINT LOCATED 2'-0" BELOW TOP OF JOIST ELEVATION AND 2'-0" BELOW TOP OF PANEL. WELD (2) - 4"x10"x1/2" PLATES EACH WELDED TO THE OPPOSITE PLATE. PROVIDE AT ALL PANEL TO PANEL JOINTS. THESE PLATES AND CONNECTION ARE OPTIONAL ERECTION AIDS.

12 EMBEDDED STEEL PLATE PLATE "C" IN TILT-UP WALL PANEL.

13 #4 CORNER BARS WITH 2'-4" LONG LEG, LAP SPLICED AT EACH HORIZONTAL WALL BAR.

14 SITE CAST TILT-UP CONCRETE WALL PANEL OUTER CONCRETE LAYER AT INSULATED SANDWICH PANEL. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. REINFORCE CONCRETE IN CENTER OF CONCRETE LAYER.

15 COMPOSITE WYTHE CONNECTORS FOR CONCRETE TILT-UP WALL SANDWICH PANELS. INSTALL PER MANUFACTURER'S INSTRUCTIONS AS PART OF DELEGATED DESIGN TO TRANSFER WIND LOAD AND OTHER REQUIRED FORCES FROM OUTER LAYER TO INNER LAYER. RE: PROJECT SPECIFICATIONS FOR FURTHER INFORMATION AND REQUIREMENTS ON CONNECTORS. CONNECTORS SHALL BE SPACED AT 12" O.C. EACH WAY MAX. AND 6" MIN. FROM EDGES. SPACE CONNECTORS CLOSER IF REQUIRED BY DESIGN. WHERE EXTERIOR LAYER STOPS SHORT OF THE FOUNDATION, CONNECTOR SHALL BE CAPABLE OF TRANSFERRING SHEAR FROM GRAVITY LOAD OF EXTERIOR LAYER TO INTERIOR STRUCTURAL LAYER.

16 SANDWICH PANEL RIGID INSULATION. RE: PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

17 PROVIDE AN EMBEDDED GALV. L3X3X1/4 X 4'-0" LONG ON EACH OPENING JAMB. BASE OF ANGLE AT ELEVATION 0'-0". PROVIDE (5)-1/2" DIA. H.S.A. X 4" LONG EQUALLY SPACED.

18 (2)-#5X48" LONG DIAGONAL BARS AT ALL CORNERS OF OPENINGS AND INDENTIONS. PLACE ABOVE TYPICAL REINFORCEMENT (WHEN LAID IN FORM). FOR WALLS WITH TWO LAYERS OF REINFORCEMENT, DIAGONAL BARS SHALL BE PLACED ON LAYER CLOSEST TO OUTSIDE FACE OF WALL.

19 3/8" THICK JUMPER PLATE 6" TALL X 8" LONG. WELD TO PLATE "G" AND TO PLATE "C" CONTINUOUS VERTICALLY WITH 1/4" FILLET WELD.

20 PROVIDE (2) LAYERS OF 6 MIL POLYETHYLENE PLASTIC SHEETING BOND BREAKER BETWEEN INSULATED PANEL WYTHES AT EXPOSED ENDS AND OPENINGS WHERE WYTHES CONTACT.

21 CONTRACTION JOINT FORMED WITH DOUBLE THICKNESS 1/8" CORRUGATED PAPER BOARD FOR DIFFERENTIAL WARPAGE.

22 TILT-UP CONCRETE WALL PANELS. SEE PLANS FOR MORE INFORMATION.

23 ANGLE "K" AT ALL PANEL ENDS AND EACH SIDE OF OPENINGS, AND AT A MAXIMUM OF 10'-0" ALONG BASE OF PANEL. PROVIDE GALVANIZED STEEL SHIM PLATES AS REQUIRED TO PLUMB WALL. WELD ANGLE "K" TO EMBED PLATE IN FOUNDATION WITH 1/2" THICK x 3" TALL x 6" LONG STEEL JUMPER PLATE. TOUCH UP WELD WITH COLD GALVANIZE.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

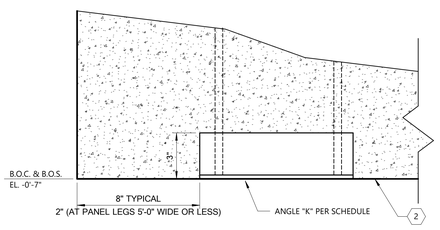
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

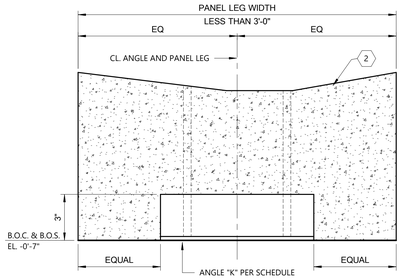
TILT-UP WALL DETAILS

SHEET NUMBER
S6.4

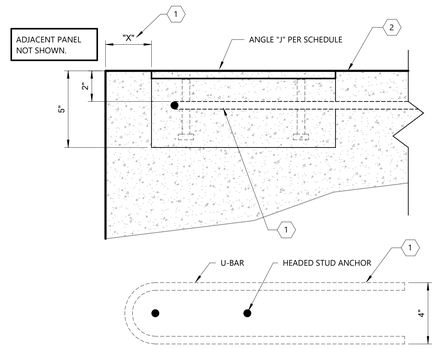
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 4:07:55 PM



1 Angle "K" Location At Wall Base
3" = 1'-0"



2 Angle "K" Location At Wall Leg Base
3" = 1'-0"



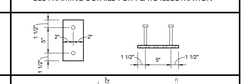
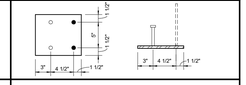
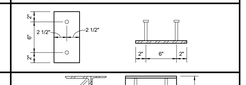
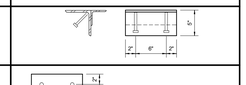
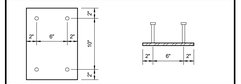
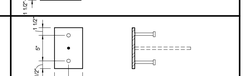
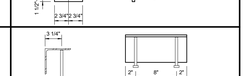
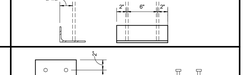
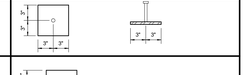
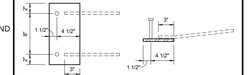
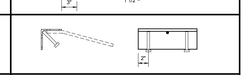
U-BAR PLAN VIEW
TOP OF WALL BEARING

3 Angle "J" At Edge
3" = 1'-0"

Keynote Legend

1. WHEN "X" DIMENSION IS LESS THAN TWELVE (12) INCHES, PROVIDE #4 U-BAR (a=20",b=4") HAIRPIN.
2. SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.
3. #5 VERTICAL BARS AT 6" O.C. MAX. SPACING ON EACH FACE. EXTEND BARS FULL HEIGHT OF PANEL , U.N.O.
4. #3 TIES AT 6" O.C. MAX. VERTICAL SPACING WITH #3 CROSS TIES AT EVERY OTHER VERTICAL BAR PAIR. TIES TO REPLACE TYPICAL HORIZONTAL BARS IN WALL LEGS.
5. GRADE BEAM - SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. ANGLE "K" AT ALL PANEL ENDS AND EACH SIDE OF OPENINGS, AND AT A MAXIMUM OF 10'-0" ALONG BASE OF PANEL. PROVIDE GALVANIZED STEEL SHIM PLATES AS REQUIRED TO PLUMB WALL. WELD ANGLE "K" TO EMBED PLATE IN FOUNDATION WITH 1/2" THICK x 3" TALL x 6" LONG STEEL JUMPER PLATE. TOUCH UP WELD WITH COLD GALVANIZE.
7. GALVANIZED STEEL SHIM PLATE TO PLUMB WALL.
8. GALVANIZED EMBEDDED BEARING PLATE IN FOUNDATION SHALL BE 6"x10"x1/2" THICK WITH (2)-1/2" DIA. H.S.A. x 6" LONG. PROVIDE 2" END DISTANCE TO EACH H.S.A. ALIGN CENTER OF PLATE WITH INSIDE FACE OF TILT-UP CONCRETE WALL. CENTER PLATE ON ANGLE "K" IN TILT-UP CONCRETE WALL.
9. 3"x1/2"x6" LONG GALVANIZED STEEL JUMPER PLATE. CENTER PLATE ON ANGLE "K".
10. #4 L-BAR DOWELS (a=36",b=36") AT 12" O.C. ALONG BASE OF ALL TILT WALL PANELS. TIE AND LAP SPLICE WITH WALL REINFORCEMENT (EXTERIOR LAYER) AND SLAB REINFORCING. PROVIDE A MINIMUM OF (4) DOWELS EQUALLY SPACED IN PANEL LEG.
11. 3" THICK OUTER CONCRETE LAYER AT INSULATED SANDWICH PANEL. REINFORCE CONCRETE WITH WWF 4x4 W4.0/W4.0 AT CENTER OF 3" THICK CONCRETE LAYER.
12. WHEN FASCIA PLUS INSULATION IS LESS THAN 6" - SHIM AND GROUT FULLY UNDER STRUCTURAL WYTHE ONLY. INSTALL BACKER ROD TO STOP GROUT FLOWING BENEATH FASCIA WYTHE.

EMBEDDED STEEL CONNECTOR SCHEDULE

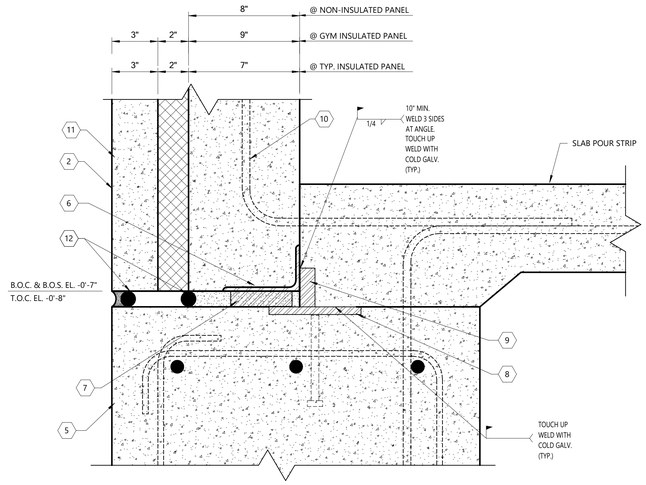
Plate "A"	3/4"x14"x (SEE PLATE SCHEDULE) WITH 5" LONG H.S.A.'s	SEE FRAMING DETAILS FOR PLATE ILLUSTRATION
Plate "B"	4" WIDE x 8" TALL x 1/2" THICK WITH (2) - 1/2" DIA. H.S.A. x 4" LONG.	
Plate "C"	9" WIDE x 8" TALL x 1/2" THICK WITH (2)-1/2" DIA. H.S.A. X 4" LONG AND (2)-#4 x 30" LONG	
Plate "D"	5" WIDE x 10" TALL x 1/2" THICK WITH (2)-1/2" DIA. H.S.A. x 4" LONG	
Angle "E"	L5x5x1/2 x 10" LONG WITH (2)-3/4" DIA. H.S.A. x 8" LONG WITH L3x3x1/4 SHOP WELDED.	
Plate "F"	10" WIDE x 14" TALL x 1/2" THICK WITH (4) - 1/2" DIA. H.S.A. x 4" LONG	
Plate "G"	8" WIDE x 8" TALL x 1/2" THICK WITH (2) - 1/2" DIA H.S.A. x 4" LONG AND (2)-#4 x 30" LONG	
Plate "H"	5 1/2" WIDE x 8" TALL x 1/2" THICK WITH (2) - 1/2" DIA H.S.A. x 4" LONG AND (1)-#5 x 30" LONG	
Angle "J"	L5x5x1/2 x 1'-0" LONG WITH (2) - 1/2" DIA H.S.A. x 6" LONG	
Angle "K"	L5x3x1/2 (LLH) x 10" LONG WITH (2)-#4 x 30" LONG	
Plate "L"	8" WIDE x 10" TALL x 1/2" THICK WITH (4)-1/2" DIA. H.S.A. X 4" LONG	
Plate "M"	6" WIDE x 6" TALL x 3/8" THICK WITH (1) - 1/2" DIA H.S.A. x 4" LONG	
Plate "N"	6" WIDE x 12" LONG x 1/2" THICK WITH (2) - 1/2" DIA H.S.A. x 4" LONG AND (2)-#4 x 30" LONG	
Angle "S"	L4x4x3/8 x SPANDREL HEADER PANEL HEIGHT LESS 24" WITH 1/2" DIAMETER x 4" LONG H.S.A. AND #4 BAR x 30" LONG, ALTERNATING AT HEADER PANEL AND SUPPORTING PANEL. START ANCHOR SPACING 3" FROM ANGLE ENDS AND SPACE AT 8" O.C.	
Plate "T"	8 1/2" WIDE X 18" LONG X 1/2" THICK GLAVNAIZED BENT PLATE WITH 3" LONG LEGS. COLD-BEND PRIOR TO GALVANIZING WITH 3/4" INSIDE RADIUS. PROVIDE (6)-#4 X 30" LONG BARS.	

NOTES:

ALL REINFORCING BARS ATTACHING TO PLATES SHALL BE WELDED ALL AROUND, U.N.O. USE WELDABLE REINFORCING BARS A706 ONLY FOR ATTACHING BARS TO EMBED PLATES.

H.S.A. = HEADED STUD ANCHOR

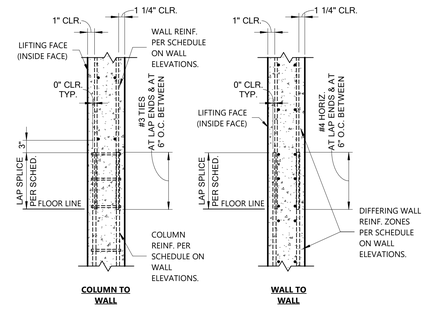
PLATES AND ANGLES ARE FLAGGED IN DETAILS.



4 Typical Panel Base Connection
3" = 1'-0"

NOTE:

DO NOT PROVIDE INTERMEDIATE LAP OF COLUMN VERTICAL BARS. ONLY TRANSITION LAP AT TOP OF COLUMN SHALL BE PROVIDED. NON-CONTACT LAP SPLICES ARE ACCEPTABLE AT TRANSITIONS. MAX. SPACING OF BARS IN NON-CONTACT SPLICE IS 4".



5 Tilt-Up Column/Wall Transition
1" = 1'-0"

TILT-UP WALL GENERAL NOTES:

THE GENERAL CONTRACTOR SHALL DESIGN AND PROVIDE ANY ADDITIONAL REINFORCEMENT AND EMBED PLATES REQUIRED FOR LIFTING AND ERECTION OF WALL PANELS.

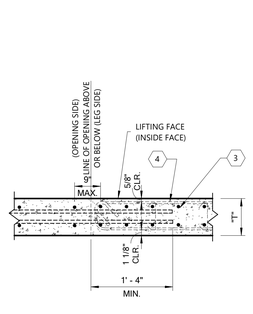
THE LOCATION OF ALL MECHANICAL AND ELECTRICAL PENETRATIONS IN WALLS THAT ARE NOT SHOWN ON WALL ELEVATIONS IN THESE DRAWINGS SHALL BE INCLUDED IN TILT-UP CONCRETE WALL SUBMITTAL. GC IS RESPONSIBLE FOR COORDINATING ALL SMALL ELECTRICAL AND MECH. PENETRATIONS NOT SHOWN HEREIN THESE DRAWINGS WITH SUBCONTRACTORS AND SUPPLIERS.

ADDITIONAL PENETRATIONS THRU WALL LEGS LESS THAN 3'-0" IN WIDTH ARE NOT PERMITTED AND SHALL BE LOCATED ELSEWHERE.

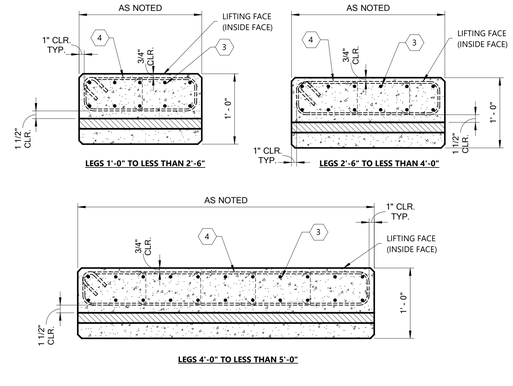
CORNER PROTECTION SHOWN IN DETAIL 1, PP9 IS APPLICABLE TO ALL OVERHEAD DOOR OPENINGS.

PROVIDE 3/4" x 3/4" CHAMFER OF ALL EXPOSED TILT WALL CORNER EDGES.

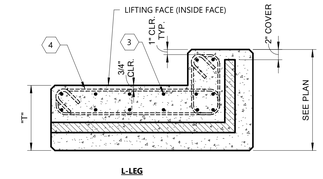
AT LOCATIONS WHERE JOIST OR BEAM CONNECT TO TILT-UP WALL AT A TILT-UP WALL JOINT, PROVIDE AN EMBED PLATE PER TYPICAL DETAILS TO EACH SIDE OF JOINT. WELD SHELF ANGLE FOR JOIST TO BOTH EMBEDS. FOR BEAM CONNX USE L4x3 1/2x5/16 TO EACH SIDE OF BEAM WEB IN PLATE OF WEB SHEAR PLATE.



6 Reinforcing Transition Detail At Legs - Above Opening
1" = 1'-0"



7 Panel Leg Reinforcing
1" = 1'-0"



NOTE:

SEE PANEL xxx.

8 Panel Leg Reinforcing (L-Leg)
1" = 1'-0"

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

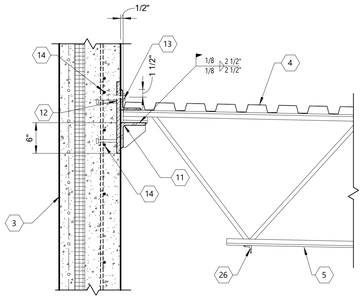
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

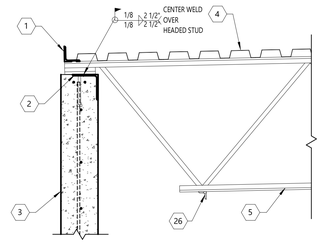
TILT-UP WALL DETAILS

SHEET NUMBER
S6.5

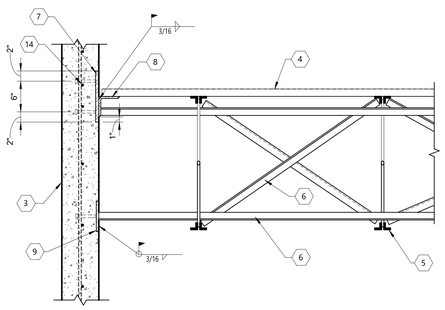
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:07:08 PM



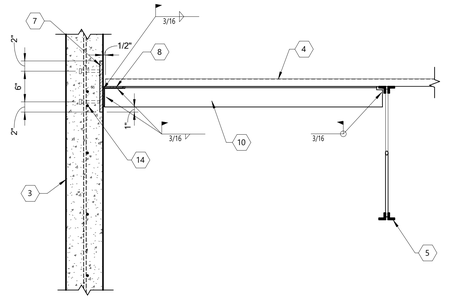
1 Roof Joist to Tilt-Up Wall Detail
1" = 1'-0"



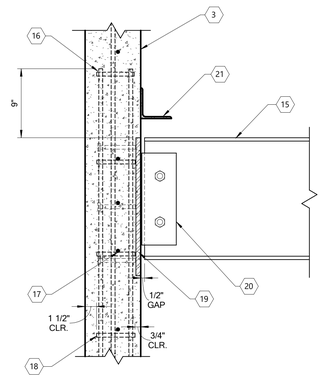
2 Roof Joist to Top of Tilt-Up Wall Detail
1" = 1'-0"



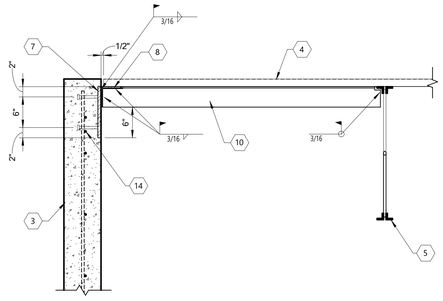
3 Roof Joist Parallel to Tilt-Up Wall - Bridging
1" = 1'-0"



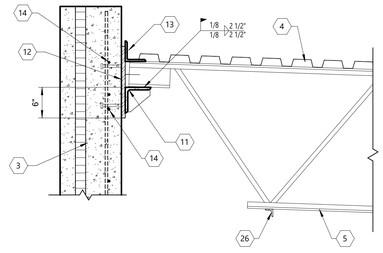
4 Roof Joist Parallel to Tilt-Up Wall (With Parapet)
1" = 1'-0"



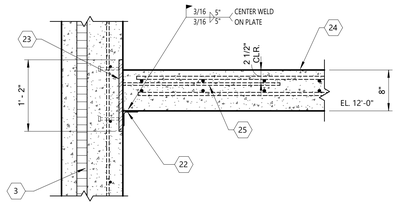
5 Steel Beam to Tilt-Up Wall Panel
1 1/2" = 1'-0"



6 Roof Joist Parallel to Tilt-Up Wall (No Parapet)
1" = 1'-0"



7 LH Joist To Tilt-Up Wall
1" = 1'-0"

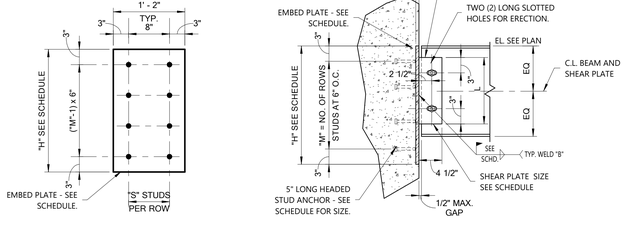


8 Elevated Slab To Tilt-Up Wall
N.T.S.

NOTES:

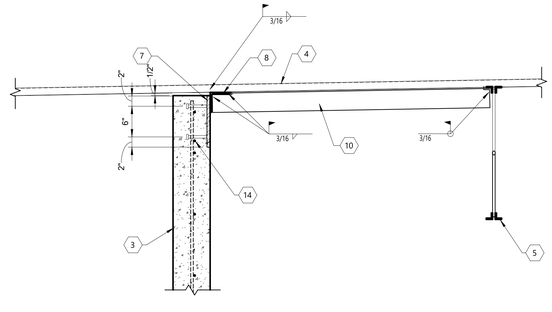
SET TOP OF EMBED PLATE TO BE FLUSH WITH TOP OF BEAM. EMBED PLATE SHALL BE CENTERED HORIZONTALLY ON BEAM.

ALL FIELD WELDING OF EMBED PLATE SHALL BE COMPLETE PRIOR TO PLACEMENT OF ROOF DECK.



EMBED PLATE BEAM CONNECTION SCHEDULE										
BEAM SIZE	PLATE SIZE	L	t	WELD "A"	WELD "B"	H	S	M	STUD DIA.	BOLT DIA.
W12's	3/8"x4 1/2"	8 1/2"	3/4"	1/4"	1/4"	1'-0"	2	2	3/4"	3/4"
W14's	3/8"x4 1/2"	8 1/2"	3/4"	1/4"	1/4"	1'-6"	2	3	3/4"	3/4"
W16's	3/8"x4 1/2"	11 1/2"	3/4"	1/4"	1/4"	1'-6"	2	3	3/4"	3/4"
W18's	3/8"x4 1/2"	14 1/2"	3/4"	1/4"	1/4"	2'-0"	3	4	3/4"	3/4"
W21's	3/8"x4 1/2"	14 1/2"	3/4"	1/4"	1/4"	2'-0"	3	4	3/4"	3/4"
W24's	3/8"x4 1/2"	17 1/2"	3/4"	1/4"	1/4"	2'-6"	3	5	3/4"	3/4"
W27's	3/8"x4 1/2"	20 1/2"	3/4"	1/4"	1/4"	3'-0"	3	6	3/4"	3/4"

9 Embedded Plate Beam Connection Schedule
1" = 1'-0"



10 Roof Joist Parallel to Tilt-Up Wall Below Decking
N.T.S.

Keynote Legend

1 ANGLE 4x4x1/4 AROUND PERIMETER OF ROOF AREA.
2 EMBEDDED STEEL ANGLE "J" IN TILT-UP CONCRETE WALL CENTERED ON EACH JOIST. RE: TILT-UP WALL ELEVATIONS AND EMBEDDED STEEL CONNECTOR SCHEDULE FOR EMBED INFORMATION.
3 SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.
4 GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
5 STEEL JOIST - SEE PLAN FOR SIZE.
6 JOIST BRACING AND BRIDGING AS REQUIRED PER SJI AND FOR UPLIFT RESISTANCE.
7 EMBEDDED STEEL PLATE "D". SPACE PLATES AT 4'-0" O.C. MAX. AND 2'-0" MAX./1'-0" MIN. FROM CENTER OF PLATE TO EDGE OF PANELS AND BEAM CONNECTIONS.
8 CONTINUOUS ROOF DECK SUPPORT ANGLE 4X4X3/8. WELD TO EACH EMBED PLATE CONTINUOUS TOP AND BOTTOM. PROVIDE CJP WELD AT ALL SPLICES. FASTEN DECK TO ANGLE WITH #12 TEK SCREWS AT 6" O.C. COPE VERTICAL LEG AS REQUIRED AT ALL BEAM TO WALL CONNECTIONS.
9 PLATE "B" AT ALL JOIST BRIDGING LOCATIONS. WELD BRIDGING ANGLES TO EMBED PLATE. COORDINATE LOCATIONS WITH JOIST SUPPLIER.
10 L4x4x1/4 HORIZONTAL STRUT AT 4'-0" O.C. MAX. EACH STRUT SHALL ATTACH TO EDGE ANGLE WITHIN 6" OF CENTER OF EMBED PLATE. FASTEN HORIZONTAL LEG OF ANGLE TO DECK WITH #12 TEK SCREWS AT 6" O.C. MAX. CENTER SCREWS ON HORIZONTAL LEG OF ANGLE.
11 LSxSx1/2 X 5" LONG JOIST SEAT WITH 3/8" GUSSET PLATE AT CENTER. CENTER SEAT ABOUT CENTER OF JOIST LINE. WELD JOIST SEAT ALL AROUND TO EMBED PLATE. WELD GUSSET CONTINUOUS BOTH SIDES.
12 EMBEDDED STEEL PLATE "L" IN TILT-UP CONCRETE WALL CENTERED HORIZONTALLY ON EACH JOIST. RE: EMBEDDED STEEL CONNECTOR SCHEDULE PLATE INFORMATION.
13 CONTINUOUS L4x4x3/8 ROOF EDGE ANGLE. WELD TO EMBED PLATE WITH 3/16" FILLET WELDS TOP AND BOTTOM. WELD ENDS OF ANGLES TOGETHER AT BUILDING CORNERS. BOLT TO WALL WITH 3/4" EXPANSION BOLTS X 4" LONG, OR WELD TO EMBEDDED STEEL PLATE "B" IN WALL.
14 ADD (1)-#4 CONTINUOUS ALONG LINE OF EMBEDDED STUDS.
15 STEEL BEAM - SEE PLAN FOR SIZE.
16 EXTEND REBAR CAGE IN WALL 9" ABOVE BEAM.
17 ADD (1)-#4 X 6'-0" LONG AT EMBEDDED STUD LOCATIONS.
18 AT BEAM LOCATIONS, PROVIDE (6)-#5 BARS VERTICAL AT EACH FACE WITH #3 CLOSED TIES AT 12" O.C.
19 EMBEDDED STEEL PLATE "A" IN TILT-UP CONCRETE WALL PANEL. EMBED PLATE SHALL BE CENTERED ON BEAM CENTERLINE. SEE "EMBEDDED PLATE BEAM CONNECTION SCHEDULE" FOR MORE INFORMATION.
20 SINGLE PLATE CONNECTION PER "EMBEDDED PLATE BEAM CONNECTION SCHEDULE".
21 L4x4x3/8, LEG UP TO SUPPORT DECK ACROSS JOIST GIRDER OR BEAM. SPAN BETWEEN WALL EMBEDDED STEEL PLATES. PROVIDE EMBED PLATES TYPE "D" A MAXIMUM OF 2'-0" FROM JOIST GIRDER/BEAM CENTER SO THAT ANGLE MAX. SPAN = 4'-0". WELD ANGLE TO EMBEDS TOP AND BOTTOM.
22 CONTINUOUS L3X3X3/8 DECK SUPPORT ANGLE. FASTEN DECK TO HORIZONTAL LEG OF ANGLE WITH SUPPORT FASTENERS PER METAL DECK TABLE AT 12" O.C. MAX. ALL SPLICES OF ANGLE SHALL OCCUR AT CENTER OF EMBED PLATE. PROVIDE A 1" GAP BETWEEN ANGLES AT WALL JOINTS AND A 1" GAP BETWEEN ANGLES AT BEAMS. SPLICING OF ANGLES IS NOT REQUIRED AT BEAMS AND WALL JOINTS.
23 EMBEDDED STEEL PLATE "F". SPACE PLATES AT 3'-6" O.C. MAX. ALONG WALL. PLATES SHALL ALSO BE LOCATED 1'-9" MAX. AND 1'-0" MIN. FROM CENTER OF PLATE TO VERTICAL EDGE OF TILT-UP PANELS AND TO CENTER OF WF BEAM CONNECTIONS. BOTTOM OF PLATE SHALL HAVE A 3" MIN. CLR. ABOVE DUCT PENETRATIONS THRU WALL. ADJUST DUCTS AS REQUIRED.
24 CONCRETE SLAB - SEE PLAN FOR MORE INFORMATION.
25 (2)-#4 X 2'-6" LONG A706 WELDABLE REBARS CENTERED HORIZONTALLY ON PLATE WITH 6" C/C SPACING. BARS SHALL BE CENTERED VERTICALLY IN CONCRETE THICKNESS ABOVE FLOOR DECK AND TIED TO MESH REINFORCEMENT. WELD EACH BAR ALL AROUND TO PLATE WITH 5/16" FILLET WELD.
26 CONTINUOUS JOIST UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
COA 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F 080000781) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

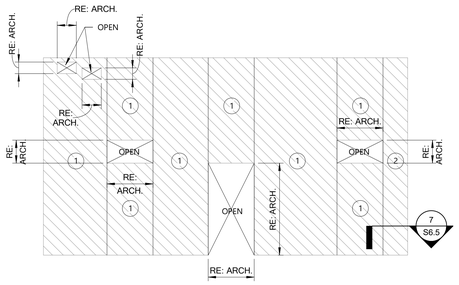
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

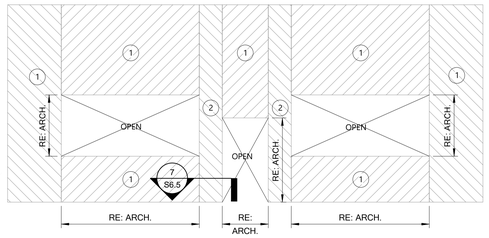
TILT-UP WALL DETAILS

SHEET NUMBER
S6.6

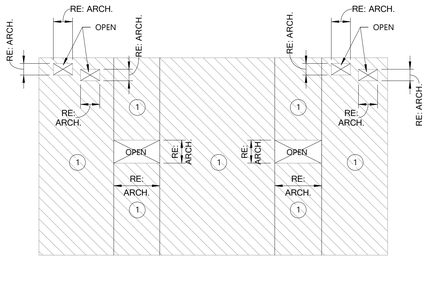
Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 8:07:24 PM



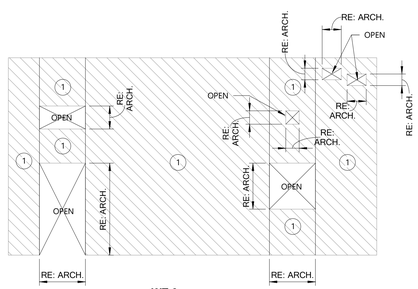
WT-6



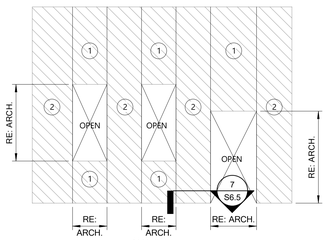
WT-7



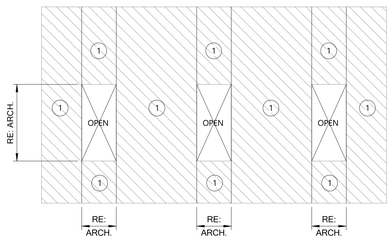
WT-8



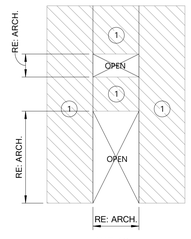
WT-9



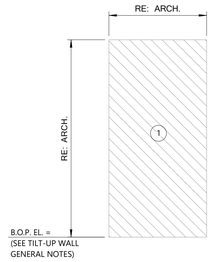
WT-10



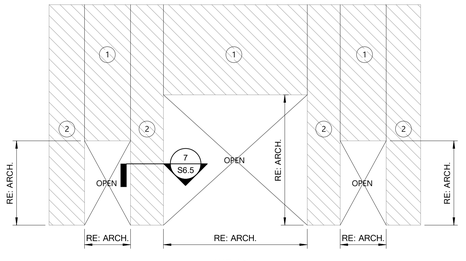
WT-11



WT-12



WT-13



WT-14

WT-15

WT-16

WT-17

WT-18

WT-19

WT-20

WT-21

WT-22

NOTES:

PANEL TYPES SHOW GENERAL GEOMETRY AND FEATURES. CONTRACTOR IS RESPONSIBLE FOR PANEL FITMENT AND LAYOUT ACCURACY

TILT-UP PANEL REINFORCEMENT

PANEL NUMBER	TYPE	REINFORCEMENT
N5, S4	WT-6	1 2
N17, N23, N27, N33, R2, S18, S22, S28, S32	WT-7	1 2
N2, N3, N4, N11, N19, N21, N29, N31, S5, S6, S8, S16, S24, S26, S34, S36	WT-8	1
N1	WT-9	1
N10, N12	WT-10	1 2
N7, N8, N9	WT-11	1
N20, N30, S15, S25, S35	WT-12	1
L1, L2, L3, N6, N13, N14, N15, N16, N18, N22, N24, N25, N26, N28, N32, N34, N35, R1, R3, R4, R5, R6, S1, S10, S13, S17, S19, S20, S21, S23, S27, S29, S30, S31, S33	WT-13	1
L7, S2	WT-14	1 2
L6, S3, S7, S9, S11, S12, S14	WT-15	1
P5, P6, P7, P8, P9, P10	WT-16	3
P2, P3, P11	WT-17	3
P1, P4	WT-18	3 4
G1, G2, G7	WT-19	5
G8	WT-20	5 6
G9, G10	WT-21	5
G3, G4, G5, G6	WT-22	5 6

NOTES:

1. SEE S1.3a, S1.3b & S1.3c FOR PANEL LOCATIONS.

REINFORCEMENT SCHEDULE

ID	LAYERS	REINFORCEMENT	COMMENT
1	7" THICK CONCRETE 2" THICK INSULATION 3" THICK CONCRETE	(2) LAYERS #4 @ 12" O.C. EACH WAY. N/A WWR 4x4-W4xW4	TYPICAL INSULATED PANEL REINFORCEMENT
2	7" THICK CONCRETE 2" THICK INSULATION 3" THICK CONCRETE	SEE REINFORCEMENT SECTION VIEW 7/S6.5 N/A WWR 4x4-W4xW4	SPECIAL INSULATED PANEL REINFORCEMENT AT NARROW SECTION
3	8" THICK CONCRETE	(2) LAYERS #4 @ 12" O.C. EACH WAY.	TYPICAL NON-INSULATED PANEL REINFORCEMENT
4	8" THICK CONCRETE	SEE REINFORCEMENT SECTION VIEW 7/S6.5 (SIM.)	SPECIAL NON-INSULATED PANEL REINFORCEMENT AT NARROW SECTION

TILT-UP WALL GENERAL NOTES:

ALL INSULATED CONCRETE TILT-UP WALL PANELS SHALL BE 12" THICK TOTAL PER 3/S6.4 AND REINFORCED AS INDICATED IN THE REINFORCEMENT SCHEDULE ON THIS DRAWING:

ALL INSULATED CONCRETE TILT-UP GYMNASIUM WALL PANELS SHALL BE 14" THICK TOTAL PER 3/S6.4 (SIM.) AND REINFORCED AS INDICATED IN THE REINFORCEMENT SCHEDULE ON THIS DRAWING:

ALL NON-INSULATED CONCRETE TILT-UP PANELS SHALL BE 8" THICK TOTAL PER 2/S6.5 AND REINFORCED AS INDIACTED INTHE REINFORCEMENT SCHEDULE ON THIS DRAWING.

THE GENERAL CONTRACTOR SHALL DESIGN AND PROVIDE ANY ADDITIONAL REINFORCEMENT AND EMBED PLATES REQUIRED FOR LIFTING AND ERECTION OF WALL PANELS.

THE LOCATION OF ALL MECHANICAL AND ELECTRICAL PENETRATIONS IN WALLS THAT ARE NOT SHOWN ON WALL ELEVATIONS IN THESE DRAWINGS SHALL BE INCLUDED IN TILT-UP CONCRETE WALL SUBMITTAL. GC IS RESPONSIBLE FOR COORDINATING ALL SMALL ELECTRICAL AND MECH. PENETRATIONS NOT SHOWN HEREIN THESE DRAWINGS WITH SUBCONTRACTORS AND SUPPLIERS.

ADDITIONAL PENETRATIONS THRU WALL LEGS LESS THAN 3'-0" IN WIDTH ARE NOT PERMITTED AND SHALL BE LOCATED ELSEWHERE.

PROVIDE 3/4" x 3/4" CHAMFER OF ALL EXPOSED TILT WALL CORNER EDGES.

AT LOCATIONS WHERE BEAM CONNECTS TO TILT-UP WALL AT A TILT-UP WALL JOINT, PROVIDE AN EMBED PLATE PER TYPICAL DETAILS TO EACH SIDE OF JOINT. WELD SHELF ANGLE FOR JOIST TO BOTH EMBEDS. FOR BEAM CONNECTION USE L4x3 1/2x5/16 TO EACH SIDE OF BEAM WEB IN PLATE OF WEB SHEAR PLATE.

B.O.P. EL. = SET THE BOTTOM OF ALL TILT-UP WALL PANELS TO BE SUPPORTED ON GRADE BEAMS AT EL. -0'-7".

3 Typical Panel Elevation Reinforcing Pattern

N.T.S.

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
5/30/2026 6:07:13 PM

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
ⓒ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

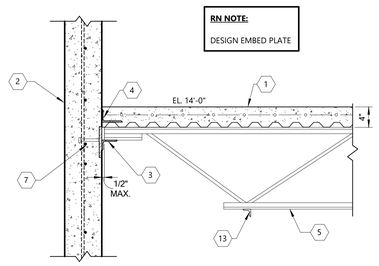
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

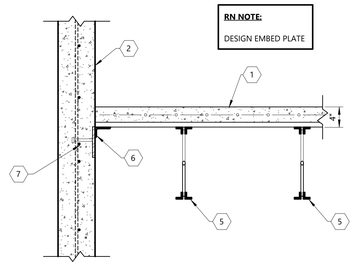
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL DETAILS

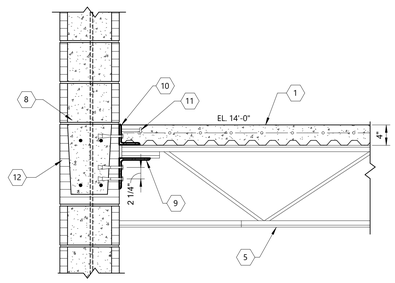
SHEET NUMBER
S6.7



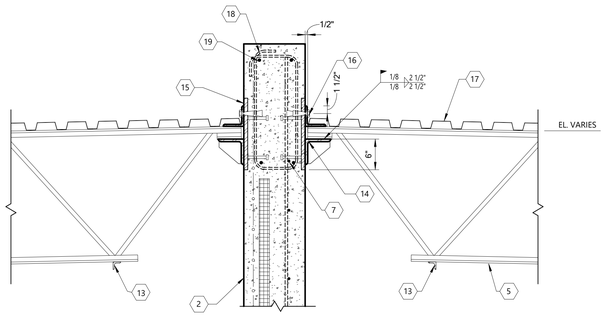
1 Floor Edge at Tilt-Up Wall
1" = 1'-0"



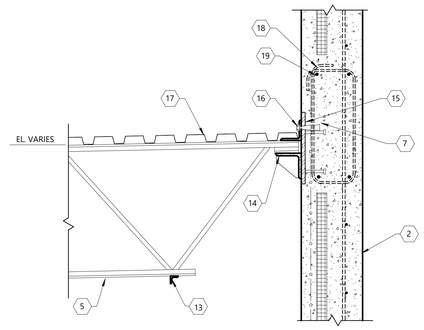
2 Floor Joist Parallel to Tilt-Up Wall
1" = 1'-0"



3 Floor Joist To CMU Wall
1" = 1'-0"



4 Roof Joist At Dividing Wall
1" = 1'-0"



5 Roof Joist At Gym Wall
1" = 1'-0"

Keynote Legend

1 LIGHT WEIGHT CONCRETE FLOOR SLAB OVER METAL DECK. SEE PLAN FOR MORE INFORMATION.

2 SITE CAST TILT-UP CONCRETE WALL PANELS. RE: NOTES FOR THICKNESS AND REINFORCING STEEL INFORMATION. FOR SINGLE PANELS WITH SINGLE LAYER OF REINFORCING AT CENTER, PLACE VERTICAL REINFORCING BELOW HORIZONTAL REINFORCING AND CHAIR SUFFICIENTLY WITH PLASTIC CHAIRS TO ASSURE VERTICAL BARS ARE LOCATED AT THE CENTER OF THE PANEL.

3 L3x2x1/4 X 5" LONG. PROVIDE 3 INCHES OF FILLET WELD TOP AND BOTTOM CENTERED ON ANGLE. ANGLE SHALL BE CENTERED HORIZONTALLY ABOUT EMBED PLATE.

4 PROVIDE CONT. 16 GAGE 2 1/2"x4" BENT PLATE. FASTEN TO TOP OF DECK WITH #10 TEK SCREWS AT 6" O.C. FASTEN TO CONCRETE WALL WITH 1/4" DIA. x 1 1/2" LONG CONCRETE SCREWS AT 6" O.C.

5 STEEL JOIST - SEE PLAN FOR SIZE.

6 L3x2x1/4 (LLH) CONT. FIELD WELD TO EMBED PLATE IN WALL WITH 3" LONG FILLET WELD TOP AND BOTTOM CENTERED. FASTEN EACH DECK FLUTE TO ANGLE WITH 5/8" PUDDLE WELD.

7 ADD (1)-#4 CONTINUOUS ALONG LINE OF EMBEDDED STUDS.

8 CMU LOAD BEARING WALL. SEE PLANS AND WALL SCHEDULE FOR REINFORCEMENT.

9 L6X6X3/8 JOIST LEDGER. SECURE TO CMU WALL AT BOND BEAM WITH 3/4" DIA. A325 TREADED ROD WITH NUT AND WASHER AT 24" O.C. IN TWO STAGGERED ROWS. EMBED 4" INTO CMU BOND BEAM AND SECURE WITH EPOXY PER GENERAL NOTES.

10 CONTINUOUS L4X4X1/4 SECURED TO CMU WALL WITH 3/4" DIA. A325 TREADED ROD WITH NUT AND WASHER AT 24" O.C. IN TWO STAGGERED ROWS. EMBED 4" INTO CMU AND SECURE WITH EPOXY PER GENERAL NOTES.

11 1/2" DIA. X 3" LONG HEADED SHEAR STUDS AT 12" O.C.

12 16" U-BLOCK REINFORCED WITH (2)-#5 BARS CONTINUOUS IN FILLED CELL AT MEZZANINE LOAD BEARING WALL.

13 CONTINUOUS JOIST UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.

14 L5x5x1/2 X 5" LONG JOIST SEAT WITH 3/8" GUSSET PLATE AT CENTER. CENTER SEAT ABOUT CENTER OF JOIST LINE. WELD JOIST SEAT ALL AROUND TO EMBED PLATE. WELD GUSSET CONTINUOUS BOTH SIDES.

15 EMBEDDED STEEL PLATE "L" IN TILT-UP CONCRETE WALL CENTERED HORIZONTALLY ON EACH JOIST. RE: EMBEDDED STEEL CONNECTOR SCHEDULE PLATE INFORMATION.

16 CONTINUOUS L4x4x3/8 ROOF EDGE ANGLE. WELD TO EMBED PLATE WITH 3/16" FILLET WELDS TOP AND BOTTOM. WELD ENDS OF ANGLES TOGETHER AT BUILDING CORNERS. BOLT TO WALL WITH 3/4" EXPANSION BOLTS X 4" LONG, OR WELD TO EMBEDDED STEEL PLATE "B" IN WALL.

17 GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.

18 #3 TIES AT 12" O.C.

19 (4)-#5 BARS CONTINUOUS.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

TILT-UP WALL DETAILS

SHEET NUMBER
S6.8

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:07:33 PM

GENERAL NOTES

A. APPLICABLE DESIGN CODES & MISCELLANEOUS

INTERNATIONAL BUILDING CODE 2021
AMERICAN CONCRETE INSTITUTE 318
AMERICAN INSTITUTE OF STEEL CONSTRUCTION

IBC CHAPTER 17 SPECIAL INSPECTIONS:
THE OWNER OR THE OWNER'S REPRESENTATIVE IS REQUIRED TO PROVIDE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF IBC 2021. THE GENERAL CONTRACTOR IS REQUIRED TO ENGAGE AND ACCOMMODATE THE REQUIRED SPECIAL INSPECTIONS BY PROVIDING ACCESS TO ELEMENTS REQUIRED FOR INSPECTION AND BY NOTIFYING THE TESTING AGENCY 48 HOURS PRIOR TO A REQUIRED INSPECTION EVENT. THE CONTRACTOR SHALL PROVIDE REPORTS FROM THE TESTING AGENCY INDICATING COMPLIANCE WITH THE IBC REQUIREMENTS - SEE SHEETS 1-S602 AND 1-S603 FOR DETAILED QUALITY ASSURANCE PLAN.

STRUCTURAL OBSERVATIONS:
STRUCTURAL OBSERVATIONS SHALL BE CONDUCTED BY THE ENGINEER OF RECORD TO ASSURE GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THESE OBSERVATIONS WILL NOT TAKE THE PLACE OF THE CODE REQUIRED SPECIAL INSPECTIONS LISTED ABOVE OR ANY OTHER INSPECTIONS REQUIRED BY THE LOCAL BUILDING OFFICIAL. NOTIFY ENGINEER OF RECORD AND ARCHITECT FOR STRUCTURAL OBSERVATION VIA EMAIL A MINIMUM OF 72 HOURS PRIOR TO ANY OF THE FOLLOWING EVENTS:
- ALL CONCRETE/GROUT POURS
- COMMENCEMENT OF MASONRY WORK
- NEAR COMPLETION OF STRUCTURAL STEEL ERECTION.
- NEAR COMPLETION OF TILT-UP WALL ERECTION.
- PLACEMENT OF INTERIOR SHEATHING COVERING COLD-FORMED METAL FRAMING.
- PLACEMENT OF ROOFING COVERING ROOF DECK.

FAILURE TO NOTIFY MAY REQUIRE REMOVAL OF COMPLETED WORK.

PROVIDE COMPREHENSIVE ELECTRONICALLY TRANSMITTED PHOTOS OF ANY REQUESTED WORK TO ENGINEER PRIOR TO ANY OF THE ABOVE EVENTS IN LIEU OF OBSERVATION IF DEEMED ACCEPTABLE BY ENGINEER.

B. DESIGN LOADS AND REQUIREMENTS SECTION

(1) ROOF DESIGN LOADS
LIVE LOAD ------------------------20 PSF (REDUCIBLE)
LIVE LOAD --------------------300 LB (CONCENTRATED)
GROUND SNOW LOAD ---------- 5 PSF

(2) MEZZANINE DESIGN LOADS
LIVE LOAD -------------------125 PSF (NON-REDUCIBLE)
LIVE LOAD --------------------300 LB (CONCENTRATED)
GROUND SNOW LOAD ---------- 5 PSF

(3) LATERAL DESIGN
ASCE 7-16
ULTIMATE DESIGN WIND SPEED (V_{ult})------- 130 MPH
NOMINAL DESIGN WIND SPEED (V_{asd})------- 101 MPH
EXPOSURE CATEGORY ------------------------ C
RISK CATEGORY ------------------------------ III
INTERNAL PRESSURE COEFFICIENT ----------- +/-0.18
MWFRS - DIRECTIONAL PROCEDURE

(4) LATERAL DESIGN -SEISMIC
ASCE 7-16
S_s --------------------------------------- 0.089g
S_1 --------------------------------------- 0.059g
SITE CLASS ----------------------------- D
S_{ds} ------------------------------------- 0.097g
S_{d1} ------------------------------------- 0.094g
SEISMIC DESIGN CATEGORY-------- B
C_s ------------------------------------- 0.0593 CMU
0.0297 CONCRETE
DESIGN BASE SHEAR ----------------- 0.0593*W
R --------------------------------------- 2.00 CMU
4.00 CONCRETE

EQUIVALENT LATERAL-FORCE ANALYSIS METHOD.
ORDINARY REINFORCED CONCRETE SHEAR WALLS.

C. GEOTECHNICAL

THE FOUNDATION AND SLAB DESIGN WAS BASED ON THE GEOTECHNICAL INVESTIGATION BY ECS SOUTHEAST, LLC, INC. DATED AUGUST 31, 2023 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT PRIOR TO BIDDING. A COPY OF THE GEOTECHNICAL REPORT IS AVAILABLE AT THE ARCHITECT'S OFFICE FOR REVIEW.

ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF.

D. CONCRETE AND GROUT

CONCRETE MIXING, HANDLING, PLACING, AND CURING SHALL BE IN ACCORDANCE WITH ACI 301.

SEE THE "CONCRETE MIX REQUIREMENTS" TABLE FOR DESCRIPTIONS AND REQUIREMENTS OF CONCRETE TYPES.

FLY ASH IS NOT PERMITTED IN ANY CONCRETE FOR THIS PROJECT.

SLAG IS NOT PERMITTED IN ANY CONCRETE FOR THIS PROJECT.

ALL GROUT SHALL BE NON-SHRINK GROUT. THERE SHALL BE 2" NON-SHRINK GROUT BENEATH ALL COLUMN BASE PLATES.

ALL FLOOR DRAINS, DROPS, CURBS, ETC. SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

THE TOP 5" OF BOTH SIDES OF ALL GRADE BEAMS SHALL BE WOOD FORMED.

ALL EXPOSED SURFACES OF CONCRETE WALLS, FOUNDATION EDGES, AND SLAB EDGES SHALL BE PLYWOOD FORMED AND COATED WITH A REPAIR MORTAR.

RANDOM TRAFFIC FLOOR FINISH TOLERANCES (F_F AND F_L) FOR SLAB ON GRADE ARE TO MEET SPECIFIED OVERALL FLATNESS OF SOF_F = 35 AND SPECIFIED OVERALL LEVELNESS OF SOF_L = 25 WITH MINIMUM LOCAL VALUES OF MLF_L = 21 AND MLF_F = 15, AS EXPRESSED IN ACI 117, SECTION 4, AND MEASURED WITHIN 72 HOURS IN ACCORDANCE WITH ASTM E 115.

E. CONCRETE REINFORCEMENT

ALL REBARS SHALL BE GRADE 60 (FY = 60,000 PSI MIN.)

VAPOR RETARDER AT GROUND FLOOR SLABS TO BE 15 MIL. WITH TAPED JOINTS. REFERENCE SPECIFICATIONS FOR CAST-IN-PLACE CONCRETE FOR ADDITIONAL INFORMATION.

HOOK ALL GRADE BEAM TOP BARS AT THE END OF THE GRADE BEAM.

PROVIDE (2)-#6 L BARS (a=36",b=36") ONE TOP AND ONE BOTTOM AT THE OUTSIDE FACE OF ALL GRADE BEAM CORNERS.

PROVIDE (4)-#6 L BARS (a=36",b=36") TWO TOP AND TWO BOTTOM AT ALL GRADE BEAM INTERSECTIONS.

ALL WELDED WIRE MESH SHALL HAVE 8" MIN. LAP BETWEEN SHEETS.

PLACE AND SECURE ALL EMBEDDED ITEMS INCLUDING REINFORCING DOWELS, ANCHOR BOLTS, FORM SAVER DOWELS AND EMBED PLATES PRIOR TO PLACING OF CONCRETE. DO NOT WET STICK ANY OF THESE ITEMS. UNLESS NOTED OTHERWISE HEREIN OR PERMITTED BY ENGINEER OF RECORD IN WRITING.

F. STRUCTURAL STEEL

STRUCTURAL STEEL MEMBERS SHALL BE MADE USING THE FOLLOWING GRADES:

WIDE FLANGE SHAPES ------------ ASTM A-992
HSS ------------------------------- ASTM A500, GRADE C
PIPES -------------------------------- ASTM A53, TYPE E OR S
PLATE, BARS, & ANGLES ----------- ASTM A36

ALL STRUCTURAL STEEL SHALL BE FABRICATED, COATED, AND ERECTED AS PER THE AISC SPECIFICATIONS.

ALL WELDS SHALL BE WITH E70XX ELECTRODES AND IN ACCORDANCE WITH AWS STANDARDS. MINIMUM FILLET WELD SIZE SHALL BE 1/4" - U.N.O. FOULING ELEMENTS SUCH AS PAINT, OIL, GREASE, OR OTHER CONTAMINANTS SHALL BE REMOVED AT ALL WELDED CONNECTIONS PRIOR TO WELDING.

ALL FRAMING CONNECTIONS SHALL BE MADE WITH THE MAXIMUM NUMBER OF ROWS OF 3/4" A325-N TENSION CONTROL BOLTS FOR GIVEN BEAM DEPTH. - U.N.O.

ALL TUBULAR STEEL COLUMNS SHALL HAVE 1/2" CAP PLATES - U.N.O.

PROVIDE CONTINUOUS 1/4" THICK BENT PLATE OR ANGLE AROUND PERIMETER OF ALL ROOF EDGES INCLUDING MECH. PENETRATIONS, ETC.

THE CONTRACTOR SHALL ASSURE THAT THE STRUCTURE HAS BEEN ERECTED TRUE AND SUITABLE TEMPORARY BRACING AND GUYS SHALL BE INSTALLED TO MAINTAIN SAID TRUENESS. THE STRUCTURAL STEEL FRAMEWORK SHALL BE BRACED OR GUYED UNTIL FINAL ERECTION IS COMPLETE AND DECKING AND PERMANENT BRACES HAVE BEEN ERECTED.

ALL STRUCTURAL STEEL INDICATED ON PLANS AS GALVANIZED (OR GALV.) SHALL BE HOT-DIP GALVANIZED PER THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. TOUCH UP ALL BREAKS IN GALVANIZE WITH A ZINC RICH COLD GALVANIZE COMPOUND PER SPECIFICATIONS.

G. OPEN WEB STEEL "BAR" JOISTS

ALL JOISTS SHALL BE CONNECTED TO SUPPORTS BY WELDING AS PER THE STEEL JOIST INSTITUTE REQUIREMENTS.

FABRICATION, COATING AND ERECTION OF ALL JOISTS SHALL BE IN ACCORDANCE WITH SJI SPECIFICATIONS.

ALL ROOF JOISTS AND THEIR CONNECTIONS TO SUPPORTING STRUCTURE SHALL BE DESIGNED FOR A NET UPLIFT ACCORDING TO THE ROOF WIND PRESSURE TABLE ON THIS SHEET. SEE NOTE 6 IN PRESSURE TABLE.

THE JOIST SEAT AND CONNECTION TO SUPPORTING STRUCTURE OF ALL JOISTS SHALL BE DESIGNED TO TRANSMIT AN UNFACTORED LATERAL ROLLOVER FORCE OF 2500 POUNDS FROM THE DECK TO THE SUPPORTING STRUCTURE.

BRIDGING FOR BAR JOISTS SHALL BE AS REQUIRED BY SJI, UNLESS NOTED OTHERWISE.

TWO BAYS OF X-BRIDGING (ANGLE 1 1/2"x 1 1/2" x 7/64") SHALL BE PROVIDED AT THE END OF ALL BRIDGING ROWS UNLESS NOTED OTHERWISE ON PLANS. BRIDGING SHALL BE PROVIDED BY JOIST SUPPLIER.

ALL MECHANICAL EQUIPMENT SUSPENDED FROM OR RESTED ON BAR JOISTS AT POINT LOCATIONS SHALL BE SO DONE AT A PANEL POINT LOCATION OF THE JOIST. THE STEEL SUPPLIER SHALL PROVIDE ADDITIONAL 1 1/2 x 1 1/2 x 3/16 ANGLES (EACH SIDE OF JOIST WEB) FROM THE POINT OF LOADING TO THE NEAREST PANEL POINT AT LOCATIONS WHERE CONCENTRATED LOADS OCCUR MORE THAN 4" OFF OF PANEL POINTS.

H. MASONRY

ALL MASONRY WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, AND TMS 402|ACI 530 |ASCE 5.

ALL MASONRY WORK SHALL BE INSPECTED AND EVALUATED IN ACCORDANCE WITH THE REQUIREMENTS OF TMS 402|ACI 530 |ASCE 5 FOR LEVEL A, B, OR C SPECIAL INSPECTION DEPENDING ON THE LATERAL DESIGN RISK CATEGORY LISTED HEREIN. THE CONTRACTOR SHALL PROVIDE REPORTS FROM TESTING AGENCY INDICATING COMPLIANCE WITH THESE REQUIREMENTS.

U.N.O. CMU WALLS ARE TO BE REINFORCED WITH (1)-#5 VERTICAL AT 48" O.C. - FILL ALL CELLS SOLID WITH GROUT.

U-BLOCK LINTELS SHALL BE PLACED ABOVE ALL OPENINGS, INCLUDING MECHANICAL PENETRATIONS, IN ACCORDANCE WITH THE FOLLOWING SCHEDULE (U.N.O.)

0' TO 4' ---------------- 8" U-BLOCK WITH (2)-#5 CONT. BOTTOM

4' TO 8' ---------------- 16" U-BLOCK WITH (2)-#6 CONT. BOTTOM

8' TO 15' -------------- 16" U-BLOCK WITH (2)-#7 CONT. BOTTOM AND (2)-#5 CONT. TOP

NO OPENINGS LARGER THE 15'-0" SHALL BE BUILT USING CMU, UNLESS NOTED OTHERWISE IN THESE DRAWINGS.

16" U-BLOCK TO BEAR 16" PAST END OF OPENING AND 8" U-BLOCK TO BEAR 8" PAST END OF OPENING.

PROVIDE FULL HEIGHT REINFORCED CONCRETE FILLED CELLS ON BOTH SIDES OF ALL DOOR OPENINGS, WINDOWS, AND WALL ENDS. PROVIDE THREE (3) REINFORCED, FILLED CELLS AT ALL CORNERS, (ONE AT CORNER AND ONE IN EACH DIRECTION). PROVIDE SIMILAR REINFORCED, FILLED CELLS AT ALL WALL-TO-WALL INTERSECTIONS (E.G. PROVIDE FOUR REINFORCE, FILLED CELLS AT T-INTRESECTIONS).

ALL EXPANSION ANCHORS AND EMBEDED STUDS SHALL BE IN FILLED CELLS ONLY OR IN U-BLOCKS.

PROVIDE #5 CORNER BARS L BARS (a=24",b=24") AT ALL U-BLOCK INTERSECTIONS. TIE ALL HORIZONTAL U-BLOCK REINFORCEMENT AT CORNERS AND INTERSECTIONS.

PROVIDE NORMAL WEIGHT CONCRETE MASONRY UNITS PER ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (f'm) = 2000 PSI. USE ONLY TYPE S MORTAR AND LADDER STYLE JOINT REINFORCEMENT.

USE A MAXIMUM GROUT POUR/LIFT HEIGHT = 5'-4".

ALL VERTICAL REINFORCEMENT BARS SHALL EITHER BE CONTINUOUS OR LAP SPLICED (30" MIN. LAP) AND TIED WITH WIRE AT BOTH ENDS OF LAP. ALL SPLICES SHALL HAVE THEIR ENTIRE LENGTH OCCUR WITH-IN A SINGLE GROUT POUR.

DO NOT PLACE LAPS FOR HORIZONTAL BARS IN U-BLOCKS OVER OPENINGS. PROVIDE A 24" MINIMUM LAP SPLICE FOR #5 HORIZONTAL BARS.

JOINT REINFORCEMENT SHALL BE LADDER STYLE CONFORMING TO ASTM A 951. SIDE RODS AND CROSS WIRE SHALL BE W2.8 OR 0.188 INCH DIAMETER. LAP JOINT REINFORCEMENT A MINIMUM OF 12". PLACE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAXIMUM VERTICAL SPACING.

PROVIDE WIRE-BOND CORELOCK REBAR POSITIONERS (OR APPROVED EQUAL) TO SECURE VERTICAL WALL REINFORCEMENT IN PROPER LOCATION AS NOTED ON PLANS. PROVIDE A MINIMUM OF ONE POSITIONER PER POUR LIFT.

FOR FILLED CELLS BELOW U-BLOCKS, CELLS SHALL BE FILLED UP TO BOTTOM OF U-BLOCK, PRIOR TO PLACEMENT OF U-BLOCK.

I. METAL DECKING

ALL METAL DECK SHALL BE FABRICATED AND ERECTED AS PER THE STEEL DECK INSTITUTE'S STANDARDS AND THE MANUFACTURER'S SPECIFICATIONS.

SEE THE "METAL DECKING REQUIREMENTS" TABLE FOR DESCRIPTION OF METAL DECKING.

PUDDLE WELDS (IF SPECIFIED) THAT BURN THROUGH DECKING ARE NOT ACCEPTABLE, AND SHALL BE REPAIRED.

ALL ROOF OPENINGS AND OTHER SUCH REQUIREMENTS SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

J. COLD-FORMED METAL FRAMING

LIGHT GAGE SUPPLIER MUST BE A MEMBER OF AND PROVIDE SECTIONS MEETING THE PRODUCT STANDARDS AND QUALITY STANDARDS SET BY THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).

COLD-FORMED METAL FRAMING MEMBER SIZING DESIGNATIONS ARE PER THE NOMENCLATURE ESTABLISHED BY THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). SEE THE FOLLOWING EXAMPLE:

800S200-43

800 = MEMBER DEPTH TO TWO DECIMAL PLACES = 8.00"
S = MEMBER TYPE, STUD OR JOIST
200 = FLANGE WIDTH TO TWO DECIMAL PLACES = 2.00"
43 = MINIMUM DESIGN THICKNESS OF THE METAL IN MILS

ALL COLD-FORMED METAL FRAMING MEMBERS SHALL HAVE MINIMUM THICKNESS OF 43 MILS, U.N.O.

ALL CONDUIT AND OTHER PENETRATIONS IN WALL STUDS SHALL BE MADE THRU THE TYPICAL OVAL PUNCHOUT IN THE STUD. IF LARGER OPENINGS ARE REQUIRED, THE GENERAL CONTRACTOR SHALL COORDINATE BETWEEN MECHANICAL/ELECTRICAL SUBCONTRACTORS AND THE COLD-FORMED METAL FRAMING ENGINEER TO ENSURE THAT THE OPENINGS ARE PROPERLY CONSIDERED IN DESIGN.

COLD-FORMED METAL FRAMING SUPPLIER SHALL DESIGN AND PROVIDE STUD FRAMING AS REQUIRED TO SUPPORT PRE-MANUFACTURED ALUMINUM CANOPIES AT EXTERIOR. GENERAL CONTRACTOR TO COORDINATE WITH CANOPY SUPPLIER TO PROVIDE LOADING AND ASSURE PROPER CONNECTIVITY. CONNECTION OF CANOPIES TO COLD-FORMED METAL FRAMING SHALL BE SHOWN ON BOTH ALUMINUM CANOPY SHOP DRAWINGS AND COLD-FORMED METAL FRAMING SHOP DRAWINGS.

NO SPLICES IN STUDS, JOISTS, BEAMS, HEADERS, OR OTHER LOAD CARRYING MEMBERS MAY BE MADE WITHOUT PRIOR ENGINEERING REVIEW AND SPECIFIC DETAILS FOR ANY SUCH REVISION TO THE ORIGINAL DESIGN.

ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS. STUD ENDS MUST SEAT TIGHTLY INTO TRACKS IN ALL BEARING APPLICATIONS.

K. NOTICE

THE USE OF REPRODUCTION OF THESE CONTRACT DRAWINGS BY THE CONTRACTOR, SUB-CONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARED SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING FROM ANY ERRORS THAT MAY BE PRESENT HEREON.

IN THE EVENT OF CONFLICTING OR DIFFERING REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS THAT HAVE NOT BEEN CLARIFIED OR CHANGED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY, GREATER QUANTITY, OR MORE STRINGENT UNLESS DIRECTED OTHERWISE BY ARCHITECT/ENGINEER.

L. FIELD VERIFICATIONS

CONTRACTOR TO FIELD MEASURE ALL NEEDED DIMENSIONS PRIOR TO ORDERING MATERIAL.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DETAILS, GEOMETRY, DIMENSIONS, AND ELEVATIONS PRIOR TO ORDERING/FABRICATION OF MATERIALS. CONTACT ARCHITECT AND ENGINEER IMMEDIATELY IF ANY DIMENSIONS, DETAILS, OR ELEVATIONS ARE NOT FOUND TO MATCH THOSE SHOWN ON THE PLANS.

M. POST-INSTALLED ANCHORS

THE FOLLOWING POST-INSTALLED ANCHORS OR ADHESIVE SHALL BE USED FOR THIS PROJECT UNLESS EQUAL SUBSTITUTIONS ARE SUBMITTED AND APPROVED.

EXPANSION ANCHORS
- STRONG BOLT 2 BY SIMPSON STRONG TIE
- KWIK BOLT-TZ BY HILTI
- DEWALT STUD SD1

CONCRETE OR MASONRY SCREWS
- TITEN BY SIMPSON STRONG TIE
- DEWALT TAPPER BY
- KWIK-CON II BY HILTI

EPOXY ADHESIVE
- SET-XP BY SIMPSON STRONG TIE
- HIT-RE 500v3 BY HILTI
- DEWALT PURE110+
- DEWALT AC200+

HEAVY DUTY SCREW ANCHORS
- TITEN HD BY SIMPSON STRONG-TIE
- KH-EZ BY HILTI
- DEWALT SCREW BOLT+

ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED WITH STRICT ADHERENCE TO THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

FOR ALL POST INSTALLED ANCHOR APPLICATIONS, HOLES SHALL BE DRILLED WITH A HAMMER DRILL, U.N.O.

ALL DRILLED HOLES FOR ADHESIVE ANCHORS SHALL BE BRUSHED AND BLOWN CLEAN WITH COMPRESSED AIR AS SPECIFIED BY THE MANUFACTURER.

ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN DRY CONCRETE, U.N.O.

U. PRE-ENGINEERED METAL BUILDING STRUCTURAL DESIGN REQUIREMENTS

DESIGN CRITERIA:

A. BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION, WITH ALL LOCAL AMENDMENTS.

B. ROOF LIVE LOAD:---------------------------------20 PSF
- REDUCIBLE ACCORDING TO BUILDING CODE

C. COLLATERAL DEAD LOAD:

1. OFFICE BUILDING ROOF
TYPICAL CEILING/MEP/MISC.-----------10 PSF(*)
(*) = PLUS ANY ADDITIONAL EQUIPMENT, PIPING ETC. LOADS GREATER THAN THE TYPICAL LOADING

D. ROOF SNOW LOAD:

1. GROUND SNOW LOAD, P_g:------------- 0 PSF
2. RISK CATEGORY:------------------------- II
3. SNOW LOAD IMPORTANCE FACTOR--- 1.00
4. SNOW EXPOSURE FACTOR, C_e--------- 0.9
5. THERMAL FACTOR, C_t: ------------------ 1.10

E. WIND DESIGN DATA:

1. ULTIMATE WIND SPEED:----------------- 130 MPH (3-SECOND GUST)
2. EXPOSURE CATEGORY: -------------- C
3. RISK CATEGORY------------------------- II
4. IMPORTANCE FACTOR-------------------1.0 (ALREADY ACCOUNTED FOR IN ULTIMATE WIND SPEED)

F. SEISMIC DESIGN DATA:

1. RISK CATEGORY------------------------- II
2. IMPORTANCE FACTOR: ------------- 1.0
3. SOIL SITE CLASS:-------------------------D (PER GEOTECHNICAL INVESTIGATION)
4. MAPPED SPECTRAL RESPONSE, S_S: 0.1070 g
5. MAPPED SPECTRAL RESPONSE, S_1: 0.0570 g
6. SHORT-PERIOD SPECTRAL RESPONSE, S_{DS}: 0.1140 g
7. LONG-PERIOD SPECTRAL RESPONSE, S_{D1}: 0.0910 g
8. SEISMIC DESIGN CATEGORY: WILL BE BASED ON LFRS AND SITE CLASS. TO BE DETERMINED BY BUILDING SUPPLIER

9. RESPONSE MODIFICATION FACTOR R:
a. TO BE DETERMINED BY BUILDING SUPPLIER

10. SYSTEM OVERSTRENGTH FACTOR, Ω_0:
a. TO BE DETERMINED BY BUILDING SUPPLIER

11. SEISMIC RESPONSE COEFFICIENT, C_S:
a. CALCULATED BY BUILDING SUPPLIER

12. SEISMIC BASE SHEAR, V:
a. CALCULATED BY BUILDING SUPPLIER

13. DESIGN PROCEDURE:
a. EQUIVALENT LATERAL FORCE PROCEDURE

14. SEISMIC FORCE- RESISTING SYSTEM:
a. STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE

U. CONTINUED

DRIFT AND DEFLECTION CRITERIA:

A. PORTAL FRAME, WALL X-BRACE AND RIGID FRAME LATERAL DRIFT SHALL BE H/400 OR STIFFER IN TERMS OF THE BUILDING EAVE HEIGHT (H).
B. DRIFT REQUIREMENTS FOR WIND SHALL BE BASED ON A 10 YEAR MEAN RECURRENCE INTERVAL (MRI): XX MPH WIND.
C. ROOF PURLINS SHALL BE DESIGNED FOR THE FOLLOWING DEFLECTION LIMITS AS SPECIFIED IN IBC 2021. REFER TO IBC 2021 TABLE 1604.3 FOR ADDITIONAL NOTES AND REQUIREMENTS.
   1. ROOF MEMBER SUPPORTING PLASTER CEILING:
      i. L = SPAN/360
      ii. W = SPAN/360
      iii. D+COLL+ L = SPAN/240
   2. ROOF MEMBER SUPPORTING NONPLASTER CEILING:
      i. L = SPAN/240
      ii. W = SPAN/240
      iii. D+COLL+L = SPAN/180
   3. ROOF MEMBER NOT SUPPORTING CEILING:
      i. L = SPAN/180
      ii. W = SPAN/180
      iii. D+COLL+L = SPAN/120

D. WALL GIRTS AND OTHER WALL FRAMING MEMBERS PROVIDED AND DESIGNED BY THE BUILDING SUPPLIER SHALL BE DESIGNED FOR THE FOLLOWING DEFLECTION LIMITS AS SPECIFIED IN IBC 2021. REFER TO IBC 2021 TABLE 1604.3 FOR ADDITIONAL NOTES AND REQUIREMENTS.
   1. EXTERIOR WALLS WITH BRITTLE FINISHES INCLUDING ALL WALLS WITH INTERIOR GYPSUM ATTACHED
      i. W = SPAN/240
   2. EXTERIOR WALL WITH FLEXIBLE FINISHES
      i. W = SPAN/120

FRAMING REQUIREMENTS:

A. ALL COLUMN BASE CONNECTIONS TO THE SLAB / FOUNDATION SHALL BE DESIGNED BY THE BUILDING SUPPLIER AS PINNED; MOMENT TRANSFER FROM COLUMN TO THE FOUNDATION IS NOT ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER OF RECORD (FOX-NESBIT ENGINEERING).
B. METAL BUILDING SHOP DRAWINGS SHALL ILLUSTRATE THE CONNECTION OF ANY CUSTOM STEEL FRAMING ELEMENTS TO ANY BUILDING COLUMNS AND METAL BUILDING ELEMENTS/MEMBERS. DETAILS FOR THESE CONNECTIONS SHALL BE SHOWN EVEN IF THE CUSTOM ELEMENT AND/OR CONNECTION IS SUPPLIED BY OTHERS.
C. THE LOCATION OF ALL COLUMNS, PORTAL FRAMES AND X-BRACING IN THE LONGITUDINAL BUILDING DIRECTION (I.E. DIRECTION PARALLEL TO ROOF RIDGE) MUST BE COORDINATED WITH THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PREPARING SHOP DRAWINGS.

ANCHOR BOLT REQUIREMENTS:

A. PROVIDE ANCHOR BOLT SHOP DRAWINGS TO A/E FOR REVIEW AND APPROVAL.
B. UNLESS NOTED OTHERWISE ON STRUCTURAL CONTRACT DRAWINGS, ANCHOR RODS SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF GRADE BEAM / SPREAD FOOTING.
C. ANCHOR BOLTS TO CONTAIN 4" OF THREADS AND 4" OF PROJECTION ABOVE THE CONCRETE (SLAB IN MOST CASES).
D. ANCHOR BOLT SHALL CONTAIN TWO NUTS AND TWO WASHERS. NUT AT BOTTOM END SHALL BE FULLY ENGAGED AND TACK WELDED TO ANCHOR ROD.
E. ANCHOR ROD MATERIAL SHALL BE ASTM F1554 GRADE 36.
F. ANCHOR BOLT DIAMETER SHALL BE DETERMINED BY THE METAL BUILDING SUPPLIER (I.E. BUILDING DESIGN ENGINEER) BASED ON CONTROLLING COLUMN BASE REACTION. IT SHALL BE CLEARLY SHOWN ON THE METAL BUILDING DRAWINGS.
G. SEE BOLT ASSEMBLY DETAIL FOR ADDITIONAL REQUIREMENTS:

SUBMITTALS:

A. DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A REGISTERED CIVIL ENGINEER LICENSED IN LOUISIANA – NO EXCEPTIONS.

B. FINAL METAL BUILDING DRAWINGS SHALL BE PROVIDED TO THE A/E FOR REVIEW AND APPROVAL PRIOR TO FOUNDATION REINFORCING STEEL BARS SUBMITTAL BEING REVIEWED. GENERAL CONTRACTOR SHALL COORDINATE. GC SHALL BE RESPONSIBLE FOR ADDITIONAL FOUNDATION IF PEMBS PROVIDES ADDITIONAL ENDWALL COLUMNS.

C. ANCHOR BOLT AND BASE PLATE SHOP DRAWINGS MUST CLEARLY ILLUSTRATE THE EDGE OF THE CONCRETE SLAB TO ASSURE CORRECT PLACEMENT OF ANCHOR BOLTS IN THE FIELD.

MISCELLANEOUS INFORMATION:

A. ALL INFORMATION IN THE METAL BUILDING SPECIFICATION SHALL ALSO BE APPLICABLE. IN THE EVENT OF A CONFLICT BETWEEN THESE REQUIREMENTS, THE CONTRACT DRAWINGS AND / OR PROJECT SPECIFICATIONS THAT HAVE NOT BEEN CLARIFIED BY THE A/E, THE MORE STRINGENT REQUIREMENT SHALL APPLY AND BE FOLLOWED BY THE BUILDING SUPPLIER, UNLESS SPECIFICALLY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND/OR ENGINEER FOR CLARIFICATION AND/OR FURTHER INSTRUCTION.

LARGER THAN NORMAL COLLATERAL LOAD:

A. THIS PROJECT CONTAINS A ROOF COLLATERAL LOAD LARGER THAN WHAT IS TYPICAL FOR A BUILDING SYSTEM. THIS COLLATERAL LOAD SHALL BE UNIFORMLY DISTRIBUTED AND NOT DISPROPORTIONATELY CONCENTRATED ALONG ANY GIVEN PURLIN OR FRAME LINE. A HANGER/STRUT SYSTEM (BY THE MEP SUB-CONTRACTOR) SHALL BE PROVIDED TO UNIFORMLY DISTRIBUTE THIS COLLATERAL LOAD. THE HANGER/STRUT SYSTEM SHALL BE CONNECTED TO THE WEB OF THE PURLIN AND NOT THE FLANGE OF THE PURLIN. THERE SHALL BE A ONE-INCH MAXIMUM FROM CENTERLINE OF PURLIN TO CENTERLINE OF LOAD APPLICATION.

N. ABBREVIATIONS

@ -------------------- AT
A/E ------------------- ARCHITECT/ENGINEER
A.F.F. ---------------- ABOVE FINISHED FLOOR
ARCH. --------------- ARCHITECTURAL
BM. ------------------ BEAM
B.O.C. ---------------- BEAM ON COLUMN
B.O.S. ---------------- BOTTOM OF STEEL
BOT. ----------------- BOTTOM
BTM. ----------------- BOTTOM
C.F.M.F. OR CFMF --- COLD-FORMED METAL FRAMING
C.G OR CG ---------- CENTER OF GRAVITY
C.L. OR CL ----------- CENTER LINE
C.O.B. ---------------- COLUMN ON BEAM
COL. ----------------- COLUMN
CONT. --------------- CONTINUOUS
CONNX. ------------- CONNECTION
D.B. ------------------ DIAGONAL BRACE
EL. ------------------- ELEVATION
ELEV.----------------- ELEVATION
ELEC. ---------------- ELECTRICAL
E.O.A. ---------------- EDGE OF ANGLE
E.O.R. ---------------- ENGINEER OF RECORD
E.O.S. ---------------- EDGE OF SLAB
F.F. ------------------- FINISH FLOOR
FIN. FLR. ------------ FINISH FLOOR
GA. ------------------- GAGE
GR. BM. ------------- GRADE BEAM
H.S.A. OR HSA ------- HEADED STUD ANCHOR
H.S.A.S.--------------- HEADED STUD ANCHORS
HSS -------------------HOLLOW STRUCTURAL SECTION
L.G.------------------- LIGHT GAGE
M.B.S.----------------- METAL BUILDING SUPPLIER
MECH. --------------- MECHANICAL
MEP------------------ MECHANICAL, ELECTRICAL, PLUMBING
O.C. ------------------ ON CENTER
O.C.E.W. ------------ ON CENTER EACH WAY
PEMBS --------------- PRE-ENGINEERED METAL BUILDING SUPPLIER
PL. --------------------PLATE
P.T. ------------------- POST TENSION OR POST-TENSIONED
POST-TENS ---------- POST TENSION OR POST-TENSIONED
SIM. ------------------ SIMILAR
T.O. ------------------ TOP OF
T.O.C. ---------------- TOP OF CONCRETE
T.O.J. ----------------- TOP OF JOIST
T.O.S. -----------------TOP OF STEEL
T.O.W. ---------------- TOP OF WALL
U.N.O. ----------------UNLESS NOTED OTHERWISE
V.O.J. -----------------VERIFY ON JOBSITE
W/ ------------------- WITH
WWF -----------------WELDED WIRE FABRIC

Grace
Design Studios

FOR PERMIT PURPOSES ONLY
STATE OF LOUISIANA
JOHN P. GUIDRY
License No. 36314
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT
BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
ⓒ 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

GENERAL NOTES

SHEET NUMBER
S7.1

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 6:07:21 PM

COMPONENTS & CLADDING DESIGN WIND PRESSURES (PSF) - METAL BUILDING													
ZONE / EWA (SF)	ROOF					WALLS				OVERHANG			
	1 & 2e		2n, 2r & 3e		3r	4		5		1&2e	2n&2r	3e	3r
≤10	25	-76	25	-110	25	-131	41	-45	41	-55	-87	-121	-142	-162
20	23	-76	23	-95	23	-112	39	-43	39	-51	-87	-110	-122	-138
50	19	-46	19	-76	19	-87	37	-40	37	-46	-67	-95	-97	-105
100	17	-24	17	-61	17	-69	35	-38	35	-43	-52	-84	-78	-80
200	17	-24	17	-46	17	-69	33	-37	33	-39	-52	-73	-56	-80
≥500	17	-24	17	-41	17	-69	31	-34	31	-34	-52	-69	-52	-80

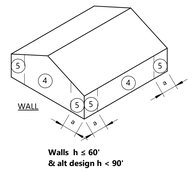
NOTES:
1. EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 30.4 – (AS APPLICABLE).
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE RESPECTIVELY.
4. EDGE WIDTH DIMENSION "a" = 10.0 FT.
5. LINEAR INTERPOLATION MAY BE USED BETWEEN EWA VALUES PROVIDED IN THE ABOVE TABLE.
6. PRESSURES IN THE ABOVE TABLE ARE ULTIMATE LEVEL PRESSURES BASED ON LATERAL DESIGN WIND PARAMETERS IN GENERAL NOTES.

COMPONENTS & CLADDING DESIGN WIND PRESSURES (PSF) - MAIN BUILDING ROOF SLOPE < 3°															
ZONE / EWA (SF)	ROOF					WALLS				PARAPET				OVERHANG	
	1		1'		2 & 3	4		5		2		3		1&1'	2&3
≤10	17	-65	17	-37	37	-85	37	-40	37	-50	108	-64	108	-73	-59	-79
20	16	-60	16	-37	36	-80	36	-39	36	-46	101	-61	101	-68	-57	-72
50	16	-55	16	-37	34	-73	34	-37	34	-42	92	-56	92	-62	-56	-62
100	16	-51	16	-37	32	-67	32	-35	32	-39	85	-53	85	-57	-55	-55
200	16	-46	16	-32	30	-62	30	-33	30	-36	78	-50	78	-52	-46	-48
≥500	16	-41	16	-25	28	-54	28	-31	28	-31	68	-46	68	-46	-35	-38

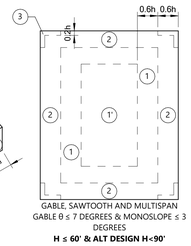
NOTES:
1. EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 30.4 – (AS APPLICABLE).
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE RESPECTIVELY.
4. EDGE WIDTH DIMENSION "a"=10.0 FT.
5. LINEAR INTERPOLATION MAY BE USED BETWEEN EWA VALUES PROVIDED IN THE ABOVE TABLE.
6. PRESSURES IN THE ABOVE TABLE ARE ULTIMATE LEVEL PRESSURES BASED ON LATERAL DESIGN WIND PARAMETERS IN GENERAL NOTES.

COMPONENTS & CLADDING DESIGN WIND PRESSURES (PSF) - MAIN BUILDING ROOF SLOPE > 3°															
ZONE / EWA (SF)	ROOF									WALLS				OVERHANG	
	1		2		2'	3		3'		4		5		1	2&2'	3&3'
≤10	17	-44	17	-51	17	-61	17	-68	17	-95	37	-40	37	-50	-44	-51	-71
20	16	-44	16	-50	16	-60	16	-62	16	-85	36	-39	36	-46	-44	-50	-69
50	16	-44	16	-49	16	-59	16	-54	16	-72	34	-37	34	-42	-44	-49	-68
100	16	-44	16	-48	16	-58	16	-48	16	-61	32	-35	32	-39	-44	-48	-67
200	16	-44	16	-48	16	-58	16	-48	16	-61	30	-33	30	-36	-44	-48	-67
≥500	16	-44	16	-48	16	-58	16	-48	16	-61	28	-31	28	-31	-44	-48	-67

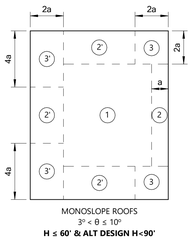
NOTES:
1. EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 30.4 – (AS APPLICABLE).
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE RESPECTIVELY.
4. EDGE WIDTH DIMENSION "a"= 5.0 FT.
5. LINEAR INTERPOLATION MAY BE USED BETWEEN EWA VALUES PROVIDED IN THE ABOVE TABLE.
6. PRESSURES IN THE ABOVE TABLE ARE ULTIMATE LEVEL PRESSURES BASED ON LATERAL DESIGN WIND PARAMETERS IN GENERAL NOTES.



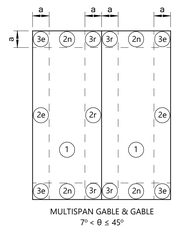
Walls h ≤ 60'
& alt design h < 90'



GABLE, SAWTOOTH AND MULTISPAN GABLE θ ≤ 7 DEGREES & MONOSLOPE ≤ 3 DEGREES
H ≤ 60' & ALT DESIGN H<90'



MONOSLOPE ROOFS
3° < θ ≤ 10°
H ≤ 60' & ALT DESIGN H<90'



MULTISPAN GABLE & GABLE
7° < θ ≤ 45°

C&C Wind Pressure Zones - ASCE 7-16

1/8" = 1'-0"

CONCRETE MIX REQUIREMENTS							
USAGE	AGGREGATE	MIN. CEMENT (lb/yd³)	SLUMP (inches)	7 DAY STR. (psi)	28 DAY STR. (psi)	WATER REDUCER	REMARKS
SPREAD & MAT FTGS.	(1)	489	4	2000	3000	(B)	———
GRADE BEAMS	(1)	489	4	2000	3000	(B)	———
SLAB ON GRADE	(1)	545	7	2700	4000	(A)	———
SLAB ON DECK	(2)	611	7	2000	3000	(A)	———
CEILING CAP SLABS	(2)	489	7	2000	3000	(A)	———
TILT-UP CONCRETE	(1)	545	7	2700	4000	(A)	3/4" MAX. AGGREGATE SIZE.
DRY BOTTOM	———	———	———	———	1500	———	———
CMU FILL	(2)	489	8	2000	3000	(A) OR (C)	———
ALL OTHERS	(1)	545	7	2700	4000	(A)	———

(1) REGULAR SAND AND GRAVEL (145 pcf)
(2) REGULAR SAND AND PEA GRAVEL (145 pcf)

(A) MID-RANGE WATER REDUCER
(B) CONTRACTOR'S OPTION - IF WATER REDUCER IS USED, THEN SLUMP SHALL BE 7".
(C) SUPER PLASTICIZER

NOTES:

THE SLUMP IN THE TABLE ABOVE IS GIVEN AT POINT OF PLACEMENT. THE ALLOWABLE TOLERANCE FOR SLUMP IS PLUS OR MINUS ONE INCH FROM THE VALUES GIVEN IN THE TABLE.

IF SUPER PLASTICIZER IS USED, THE SLUMP SHALL BE 3" PRIOR TO ADDITION OF THE SUPER PLASTICIZER.

DO NOT USE SUPER PLASTICIZER IN SLABS.

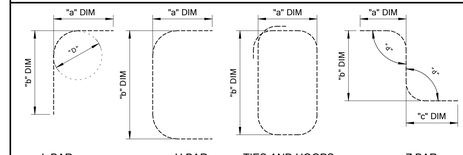
CONCRETE NOT MEETING THE SPECIFIED SEVEN DAY STRENGTH SHALL EITHER BE REMOVED OR CONSTRUCTION MUST BE STOPPED IN THE QUESTIONABLE AREA UNTIL THE 28 DAY TEST VALUES HAVE BEEN APPROVED.

SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

REFERENCE SPECIFICATION SECTION 03 3000- FOR PROPORTIONING AND DESIGN OF MIXES.

REFERENCE SPECIFICATION SECTION 04 2200- FOR PROPORTIONING AND DESIGN OF MIXES FOR CMU FILL ONLY.

STANDARD BAR BEND DIAGRAMS



L BAR | U BAR | TIES AND HOOPS | Z BAR ("d" = 90 DEGREES IF NOT PROVIDED)

NOTES:

SEE DETAILS AND KEYNOTES FOR DIMENSIONS OF ALL BARS AND TIES.

WHERE "a" AND "b" DIMENSIONS ARE NOT GIVEN, BASE DIMENSIONS ON CLEAR COVER DIMENSIONS FROM OUTER EDGE OF CONCRETE.

UNLESS NOTED OTHERWISE, ALL BAR BEND DIAMETERS ("D") SHALL BE IN ACCORDANCE WITH LATEST VERSION OF ACI 318.

REBAR LAP SPLICE REQUIREMENTS (MIN.)

LOCATION	BEAMS AND FOUNDATIONS		WALLS AND SLABS	
BAR \ f'c	3000 PSI	4000 PSI	3000 PSI	4000 PSI
#3	22"	19"	16"	16"
#4	29"	25"	17"	16"
#5	36"	31"	26"	22"
#6	36"	36"	36"	36"
#7	42"	42"	42"	42"
#8	42"	42"	42"	42"

GENERAL NOTES:

LAP SPLICE LENGTHS ABOVE APPLY TO ALL REINFORCING BARS FOR THIS PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE PLANS.

ALL LAP SPLICES PROVIDED ABOVE ARE FOR NORMAL WEIGHT CONCRETE AND GRADE 60 REINFORCING BARS IN TENSION. SPLICES FOR WALL AND SLAB BARS ARE BASED ON A MINIMUM OF 1" CLEAR COVER.

FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.

LAP SPLICES FOR GRADE BEAM TOP BARS SHALL BE PLACED IN THE CENTER OF THE SPAN BETWEEN DRILLED SHAFTS (OR PILES). LAP SPLICES FOR GRADE BEAM BOTTOM BARS SHALL BE PLACED DIRECTLY ABOVE A DRILLED SHAFT (OR PILE).

METAL DECKING REQUIREMENTS

TYPE	DECKING	FASTENER LAYOUT		FASTENER METHOD		REMARKS
		SUPPORT	SIDE LAPS	SUPPORT	SIDE LAPS	
FLOOR	1.0C 22 GA. (G60)	36/7	4	(1) [X]	(2)	[A]
ROOF	1.5B 22 GA. (G60)	36/7	4	(1) [X]	(2)	[A]

(1) #12 TEK SCREWS
(2) #10 TEK SCREWS

[A] ATTACH DECK TO PERIMETER ANGLES/SUPPORTS AT 6" O.C. MAXIMUM.

[X] USE 3/4" DIAMETER PUDDLE WELDS AT STEEL ELEMENTS THICKER THAN 3/16".

NOTES:

- DO NOT USE WELDING FOR DECK ATTACHMENT - U.N.O.
- INCREASE SIZE OF SCREWS IF REQUIRED FOR ATTACHMENT TO THICKER STEEL ELEMENTS.
- IN LIEU OF THE ROOF DECK FASTENING USING SCREWS INDICATED IN THIS SCHEDULE, THE GENERAL CONTRACTOR MAY SUBMIT FOR REVIEW AND APPROVAL OF AN ALTERNATE DECK FASTENING SYSTEM BY HILTI (OR APPROVED EQUAL) UTILIZING POWDER-ACTUATED FASTENERS. SUBMITTAL SHALL INDICATE ALL DETAILS OF FASTENER INSTALLATION AND INCLUDE DATA INDICATING THAT THE ALTERNATIVE DECK FASTENING SYSTEM PROVIDES DIAPHRAGM DESIGN AND UPLIFT CAPACITIES AT LEAST EQUIVALENT TO THAT OF THE DECK FASTENING INDICATED IN THE CONTRACT DOCUMENTS.

Grace Design Studios

FOR PERMIT PURPOSES ONLY

JOHN P. GUIDRY License No. 36314 PROFESSIONAL ENGINEER STATE OF LOUISIANA

JOHN GUIDRY LA#36314
FOX-NESBIT ENGINEERING, LLC.

FOX-NESBIT

BATON ROUGE NEW ORLEANS
RUSTON LAFAYETTE DESTIN
(c) 2026 23575 R-23 B360

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SCHEDULES

SHEET NUMBER
S7.2

Autodesk Docs://571506 New Jetson Center for Youth/New Jetson - Structural.rvt
3/30/2026 4:07:21 PM

GENERAL MECHANICAL NOTES:

1. ALL INSTALLATION OF DUCTWORK IS TO TAKE PRECEDENCE OVER THE INSTALLATION OF ALL PLUMBING LINES (EXCEPT GRADE SENSITIVE LINES), ELECTRICAL CONDUIT, AND SPRINKLER LINES, MECHANICAL CONTRACTOR TO COORDINATE IN FIELD WITH ALL DISCIPLINES PRIOR AND DURING CONSTRUCTION.
2. MECHANICAL CONTRACTOR TO PROVIDE INSULATED SHEET METAL PLENUM OF REAR OF SUPPLY GRILLE AND TAP INTO SIDE OF PLENUM WITH BRANCH DUCT. REFER TO DRAWINGS FOR SIZE OF BRANCH DUCT. CONTRACTOR TO USE THIS SETUP ONLY WHEN THE CEILING SPACE DOES NOT ALLOW FOR A SMOOTH ROUND RADIUS ELBOW DOWN TO SUPPLY GRILLE. REFER TO TYPICAL DETAIL.
3. FLEXIBLE DUCT SHALL NOT PENETRATE ANY WALLS UNLESS SUBMITTED ON FOR PRIOR APPROVAL TO BOTH THE ARCHITECT AND THE MECHANICAL ENGINEER.
4. SHEET METAL DUCTWORK SHALL NOT BE SHOP FABRICATED UNTIL FIELD MEASUREMENTS HAVE BEEN VERIFIED BY MECHANICAL CONTRACTOR.
5. ALL CONDENSATE LINES SHALL BE INSULATED, THIS PROJECT. INSULATION TO BE CELLULAR FOAM UNLESS OTHERWISE NOTED IN SPECIFICATIONS. ALL CONDENSATE LINES TO BE INSULATED COPPER. REFER TO SCHEDULES FOR SIZES. SUPPORT CONDENSATE DRAIN WITH UNISTRUT PIPE SUPPORT EVERY 4'–0" AND AT EVERY TURN. PROVIDE NEOPRENE SLEEVE BETWEEN UNISTRUT AND COPPER CONDENSATE LINE. SUPPORTS NOT SHOWN FOR CLARITY.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT AND EQUIPMENT PADS. FLOOR DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT.
7. MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON LOCATION OF ALL FIRE WALL PENETRATIONS BY DUCT. MECHANICAL CONTRACTOR TO PROVIDE 2 HR FIRE DAMPER IN DUCT, TYPICAL ALL FIREWALL PENETRATIONS. GENERAL CONTRACTOR TO FRAME OUT AS REQUIRED FOR DUCTS TO PENETRATE FIREWALL. REFER TO DRAWINGS FOR EXACT LOCATION. REFER TO ARCHITECTURAL LIFE SAFETY PLANS OR AS NOTED ON DRAWINGS, REFER TO ARCHITECTURAL LIFE SAFETY SHEETS LS101, LS102, LS103, AND LS104. CONTRACTOR SHALL ALSO REFER TO ALL ADDENDA AND COORDINATE WITH LIFE SAFETY SHEETS THAT ARE REVISED DURING THE ADDENDA PERIOD.
8. ALL EQUIPMENT SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS SO AS TO MAINTAIN GUARANTEES, PROVIDE ADDITIONAL SUPPORTS, DRAINS, EQUIPMENT, ETC. TO CONFORM TO MANUFACTURERS RECOMMENDED INSTALLATION. CONTRACTOR IS TO PROVIDE AND INSTALL ALL SUPPORTS AND HANGERS THAT ARE REQUIRED FOR A PROPER INSTALLATION.
9. DUCTWORK & PIPING RUNS ARE SHOWN DIAGRAMMATICALLY. MECHANICAL CONTRACTOR SHALL ROUTE IN MOST DIRECT MANNER AVOIDING ANY OBSTRUCTIONS NOT INDICATED.
10. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE ELECTRICAL AND OTHER TRADES, ESPECIALLY COORDINATION CONCERNING PENETRATIONS OF THE WALLS AND FLOORS WITH PIPE AND DUCTWORK.
11. ALL MODEL NUMBERS SHOWN FOR SPECIFIC MANUFACTURER'S REPRESENT THE TYPE AND QUALITY OF EQUIPMENT TO BE USED. SUBMIT FOR PRIOR APPROVAL ANY EQUIPMENT BEFORE BIDDING.
12. COORDINATE ALL UNDERGROUND PIPE (SEWER, GAS, WATER, ETC.) WORK WITH EXISTING UNDERGROUND WORK EG. FEEDER CIRCUITS, SEWER, GAS, TELEPHONE, WATER, DRAINAGE (ETC.) LOCATE ALL UNDERGROUND UTILITIES BEFORE WORK TO THIS PROJECT. MARKED UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR TO PLACE BACK IN ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT. **UNMARKED UTILITIES DAMAGED WILL BE REPAIRED BY THE CONTRACTOR.**
13. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH ALL OTHER DIVISIONS. SHOULD CONFLICTS ARISE WHICH CANNOT BE CORRECTED WITH MINOR DEVIATIONS. THE CONTRACTOR SHALL CALL THESE CONFLICTS TO THE DESIGNER'S ATTENTION BEFORE PROCEEDING. ALL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND/OR MOUNTING DETAILS SHOWN WITH MODIFICATIONS OF SAME AS REQUIRED TO SUIT FINISHED CONDITIONS.
14. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL THE MECHANICAL EQUIPMENT AS SHOWN OR DETAILED BY THE CONTRACT DOCUMENTS FOR THIS PROJECT. WHERE SPACE OR SPARE DEVICES ARE SHOWN, CONTRACTOR SHALL PROVIDE.
15. MECHANICAL CONTRACTOR SHALL PROVIDE PERMANENT LAMINATED LABELS FOR ALL EQUIPMENT THIS PROJECT (I.E. AIR HANDLING UNITS, HEAT PUMPS, ETC.). LABELING SHALL BE A MINIMUM OF 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND. LABELS SHALL BE CONSTRUCTED OF MINIMUM 1" WIDE BY LENGTH AS REQUIRED LAMINATED PLASTIC SECURELY FASTENED TO DEVICE WITH STAINLESS STEEL HARDWARE. PRESSURE SENSITIVE "STICK ON" LABELS SHALL NOT BE ALLOWED.
16. MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND PIPE PENETRATIONS (WALL, FLOOR) WITH ALL OTHER DISCILPLINES IN FIELD PRIOR TO INSTALLATION.
17. REFER TO ARCHITECT FOR MOUNTING HEIGHT OF ALL SIDEWALL GRILLES & REGISTERS.
18. THE USE OF THE TERM "PROVIDE" SHALL MEAN TO "FURNISH AND INSTALL THE ASSOCIATED DEVICE OR EQUIPMENT, COMPLETE AND READY FOR THE INTENDED USE".
19. CONTRACTOR SHALL BE AWARE THAT SPACE IS LIMITED THIS PROJECT. CONTRACTOR SHALL CAREFULLY REVIEW THE SPACE PROVIDED FOR THE DUCTWORK AND PIPE THIS PROJECT AND MAKE REQUIRED ALLOWANCES FOR THE SIZE OF MECHANICAL EQUIPMENT TO BE PROVIDED BEFORE BIDDING.
20. **MANUAL VOLUME DAMPER ACCESS IN INACCESSIBLE LOCATIONS:**
    1. WHERE MANUAL VOLUME DAMPERS ARE LOCATED IN INACCESSIBLE LOCATIONS (I.E ABOVE HARD GYPSUM CEILINGS OR HIGHER THAN 4'–0" ABOVE AN ACCESSIBLE CEILING TILE), CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM. THE BALANCE SYSTEM CONSISTS OF A DAMPER, PULSE ACTUATOR, CAT 5 CABLE, WALL OR CEILING PLATE, AND HAND HELD POWER PACK. CONTRACTOR TO INSTALL WALL/CEILING ACCESS PORT ON WALL WITHIN MECHANICAL ROOM OF CLOSETS PROXIMITY TO MANUAL DAMPER. ALL ACCESS PORTS TO BE PROPERLY LABELED NUMERICALLY BY RESPECTIVE AIR SYSTEM & ROOM THAT THE DAMPER(S) SERVE. COORDINATE WITH MECHANICAL ENGINEER PRIOR TO LABELING.
    2. TYPICAL ALL INACCESSIBLE MANUAL VOLUME DAMPERS.
    3. REFER TO ARCHITECTURAL SHEETS A141, A142a, A141b, A141c, A142, A143, A161 FOR REFLECTED CEILING PLAN.
    4. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS WHERE MANUAL VOLUME DAMPERS ARE REQUIRED.
    5. REFER TO DETAIL #9 SHEET M501.
    6. ROUND ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBD.
    7. RECTANGULAR ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBDR.
21. NO FLEX DUCT ALLOWED IN EXHAUST, RETURN, & FRESH AIR DUCT SYSTEMS.
22. ALL FIRE DAMPERS ARE TO BE RATED AT 2 HR. UNLESS OTHERWISE NOTED ON PLANS, THIS PROJECT. SEAL ALL FIRE WALL PENETRATIONS (DUCT, PIPE, ETC.) WITH UL–LISTED FIRE CAULK.
23. ALL EXPOSED EQUIPMENT TO BE PAINTED, REFER TO ENGINEER/ARCHITECT FOR COLOR SELECTION. PAINTING/COLOR SELECTION TO BE DONE IN FIELD DURING CONSTRUCTION.
24. DRAWINGS BASED ON EQUIPMENT SPECIFIED. SHOULD OTHER EQUIPMENT BE USED, IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO COORDINATE ALL STRUCTURAL (ROOF PENETRATIONS, ETC.) AND ELECTRICAL (WIRE SIZES, ETC.) DIFFERENCES WITH ALL OTHER DISCIPLINES AS TO AVOID ANY CONFLICTS PRIOR TO CONSTRUCTION. COLOR SELECTION TO BE BY ARCHITECT.
25. ALL EXPOSED DUCTWORK SHALL BE OF PAINT GRIP GALVANIZED SHEETMETAL UNLESS OTHERWISE NOTED ON DRAWINGS.
26. ALL ROUND DUCT SHALL BE MINIMUM 26 GA. AS PER SMACNA STANDARDS. TYPICAL ALL ROUND DUCT.
27. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE ARCHITECT/ENGINEER AND THE OWNER OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.
28. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF ALL GRILLES WITH NEW LIGHTS TO BE INSTALLED PRIOR TO CONSTRUCTION.
29. ALL DUCTWORK SEPARATED BY THE SYMBOL "/" DESIGNATES OVAL DUCTWORK AND ALL DUCTWORK SEPARATED BY "x" DESIGNATES RECTANGULAR DUCTWORK.
30. PROVIDE ELECTRICAL DISCONNECTS AT ALL MECHANICAL EQUIPMENT. COORDINATE WITH ELECTRICIAN PRIOR TO BID TO ENSURE ALL REQUIRED LABOR/MATERIAL IS INCLUDED IN BID FOR A COMPLETE AND WORKING SYSTEM.
31. THE CONTRACTOR IS TO PROVIDE & INSTALL CLEAR LOCK BOX COVERS FOR THERMOSTATS/HUMIDISTATS AND SENSORS AS MANUFACTURED BY CHASE SECURITY SYSTEMS (HTTPS://CHASESEC.COM/PRODUCT/CSGW–552W/), COVER TO BE CAGE GUARD TYPE FOR ALL THERMOSTATS & HUMIDISTATS, MODEL CSGW–552W AS MANUFACTURED BY CHASE SECURITY SYSTEMS (HTTPS://CHASESEC.COM/PRODUCT/CSGW–552W/).
32. MECHANICAL CONTRACTOR TO INSTALL ALL DUCT SLEEVES (IF APPLICABLE) IN WALLS ABOVE CEILINGS AS HIGH AS POSSIBLE. DUCT SLEEVE TO EXTEND 24" PAST WALL PENETRATION, BOTH SIDES.
33. SUBMISSION OF BID DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH HE WILL BE OBLIGATED TO OPERATE. SHOULD HE BE AWARDED THE WORK UNDER THIS CONTRACT NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
34. COORDINATE WITH ENGINEER ON FAN CURVE ORIENTATION AT AIR HANDLING UNITS PRIOR TO SUBMITTING PRIOR APPROVAL.
35. SUCCESSFULLY PRESSURE TEST ALL PIPING SYSTEMS. TEST SHALL BE PERFORMED AS NOTED IN SPECIFICATIONS (OR PER LOCAL CODE/JURISDICATION, WHICHEVER IS MOST STRICT). REPAIR AND RETEST AS REQUIRED UNTIL SYSTEMS PROVE TIGHT.
36. THE CONTRACTOR SHALL PROVIDE TRANSITIONS FROM REAR OF ALL GRILLES TO BRANCH DUCT AS REQUIRED. REFER TO CONSTRUCTION DOCUMENTS FOR SIZES OF ALL GRILLES AND BRANCH DUCTS.
37. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR PIPING. DO NOT LEAVE PIPING OPEN ENDED.
38. PRIOR TO SUBMITTING EQUIPMENT, MECHANICAL CONTRACTOR SHALL VERIFY ALL SIZES. JOB DESIGNED AROUND EQUIPMENT WITH SPECIFIED MODEL NUMBERS IN SCHEDULE, OTHER EQUIPMENT SUBJECT TO REJECTION DUE TO TIGHT SPACE CONSTRAINTS, THIS PROJECT.
39. THIS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE ARCHITECT/OWNER AND/OR ENGINEER FOR EXPEDITING AND RESOLVE.
40. CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSED BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT.
41. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
42. DUCTWORK EXPOSED IN PLACES WITHOUT CEILINGS SHALL BE FREE OF SIZE MARKS OR ASSEMBLY CODE NUMBERS; ALL SUCH MARKS SHALL BE ON THE INSIDE OF THE DUCTWORK. DURING FABRICATION AND ASSEMBLY, KEEP THE OUTSIDE SURFACES CLEAN. BANDS SHALL JOIN ON THE TOP (CONCEALED–FROM–NORMAL–VIEW) OF THE DUCT AND SPIRALS SHALL BE CONTINUOUS. THREADED RODS FOR HANGER STRAPS SHALL BE NEATLY CLIPPED AND SECURED WITHOUT EXCESS. GREATER ATTENTION TO APPEARANCE IN SPACES WITHOUT CEILINGS IS EXPECTED AND DENTED/SCARRED DUCT WILL NOT BE ACCEPTABLE.
43.
    1. ALL EXPOSED MECHANICAL, HVAC, SPRINKLER, PLUMBING ITEMS, MATERIAL, PIPING TO BE PAINTED. COORDINATE WITH ARCHITECT IN FIELD DURING CONSTRUCTION ON EXACT COLOR REQUIRED. FIGURE IN BID CUSTOM PAINT COLOR. PROVIDE COLOR CODED PIPING LABELS & DIRECTIONAL FLOW ARROWS FOR ALL PIPING.
    2. THE PLUMBING CONTRACTOR & HVAC CONTRACTOR ARE TO SUBMIT WELDING CERTIFICATES FOR ALL WELDERS THAT ARE TO BE WORKING ON THE PROJECT. NO EXCEPTION. A "WELDER" SHALL REFER TO ANY LABORER WELDING STEEL PIPE, BRAZING COPPER PIPE, OR SOLDERING COPPER PIPE.
    3. CHINESE PIPE & TAIWANESE PIPE ARE NOT ACCEPTABLE. THIS APPLIES TO ALL HVAC, PLUMBING, & SPRINKLER (FIRE WATER) PIPING.
    4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH LARGE (GREATER THAN 50 GALLON CAPACITY, AND/OR 100,000 BTUH HEAT INPUT) WATER HEATER, AND PRESSURE VESSELS INSPECTED BY A STATE OF LOUISIANA CERTIFIED INSPECTOR UPON INSTALLATION. A COPY OF EACH REPORT SHALL BE TRANSMITTED TO THE ARCHITECT/ENGINEER. ONE ADDITIONAL COPY OF EACH REPORT SHALL BE INCLUDED IN EACH OF THE THREE CLOSE–OUT MANUALS. COORDINATE WITH LAOSFM BOILER SECTION @ 1–800–256–5452.
    5. TEST ALL BACKFLOW PREVENTERS AT PROJECT COMPLETION, INCLUDE TEST REPORT WITHIN CLOSEOUT DOCUMENTS.
    6. CONTRACTOR TO COORDINATE EXACT SIZES REQUIRED FOR ALL DUCT/PIPE FLOOR/WALL PENETRATIONS THRU RATED ASSEMBLIES. CONTRACTOR TO FILL ANNULAR SPACE BETWEEN DUCT/PIPE PENETRATION IN ACCORDANCE WITH UL LISTED WALL/FLOOR ASSEMBLY AS TO MAINTAIN ALL REQUIRED RATINGS.
    7. CONTRACTOR TO PROVIDE TEMPORARY HVAC DURING CONSTRUCTION. THE PERMANENT HVAC SYSTEM INCLUDING BUT NOT LIMITED TO VRF/VRV EQUIPMENT, AIR HANDLING EQUIPMENT, CONTROLS, ETC. CANNOT BE USED TO PERFORM ANY ENVIRONMENTAL CONDITIONING FOR MOISTURE REMOVAL DURING CONSTRUCTION.
44. THE CONTRACTOR SHALL PROVIDE TRANSITIONS FROM REAR OF ALL GRILLES TO BRANCH DUCT AS REQUIRED. REFER TO CONSTRUCTION DOCUMENTS FOR SIZES OF ALL GRILLES AND BRANCH DUCTS.
45. ALL EXPOSED EQUIPMENT & MATERIAL TO BE PAINTED, REFER TO ENGINEER/ARCHITECT FOR COLOR SELECTION. PAINTING/COLOR SELECTION TO BE DONE IN FIELD DURING CONSTRUCTION.
46. CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT PRIOR TO INSTALLING ANY TEMPERATURE SENSORS ON WALLS. ALL TEMPERATURE SENSORS TO BE COORDINATED WITH ALL ARTWORK, SCREENS, FURNITURE, ETC. TO BE INSTALLED ON WALLS. OWNER TO APPROVE FINAL LAYOUT PRIOR TO CONSTRUCTION/INSTALLATION.
47. CONTRACTOR TO PROVIDE SECURITY ACCESS PANELS FOR ALL VALVES, FAN COILS, ALL EQUIPMENT IN INACCESSIBLE LOCATIONS. ACCESS PANEL TO BE OF SUFFICIENT SIZE TO ACCESS EQUIPMENT. PANELS TO HAVE SAME RATING AS CEILING, REFER TO ARCHITECTURAL LIFE SAFETY PLAN. PAINT PANEL TO MATCH CEILING COLOR.
48. ALL MECHANICAL ROOMS (ROOMS CONTAINING AIR HANDLING UNITS, WATER HEATERS, ETC.) TO BE LINED WITH PELICAN BOARD, NAUTICA IMO PFG ACOUSTIC BOARD, SOUND ATTENUATING ASSEMBLY. INTERIOR WALLS, CEILING AND BACK OF DOORS SHALL BE LINED WITH 2" THICK PERFORATED VINYL LINED SOUND INSULATION BOARD. CONTRACTOR TO INSTALL RIGID FIBERGLASS INSULATION WITH PERFORATED VINYL LINED SIDE FACING INSIDE OF MECHANICAL ROOM. NO EXCEPTION. ADHERE INSULATION TO WALL WITH STICK CLIP, DOME WASHERS, AND PROVIDE DOME CAP TO CONCEAL EXPOSED CLIP POINTS. SEAL ALL SEAMS & SIDE FACE OF INSULATION.
49. ALL UTILITY TIE–IN LOCATIONS (SEWER, DOMESTIC WATER, FIRE WATER, GAS PIPING, ETC.) ARE TO BE LOCATED AT THE BEGINNING OF PROJECT, PRIOR TO ANY/ALL CONSTRUCTION. UPON LOCATION TIE–IN LOCATIONS, CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER IF ANY CONFLICTS ARISE FOR FURTHER ACTION.
50. CONTRACTOR TO PROVIDE & INSTALL HOLD DOWN CLIPS & FASTENERS ON CEILING TILE/GRID AT EVERY CEILING TILE/GRID WITHIN 30'–0" (IN EVERY DIRECTION, MULTIPLE ROOMS AS REQUIRED) FROM ALL SIDES OF ALL MECHANICAL ROOMS, HOLD DOWN CLIPS TO BE BY SAME MANUFACTURER AS CEILING TILES, COORDINATE WITH GENERAL CONTRACTOR & CEILING CONTRACTOR.
51. CONTRACTOR TO COORDINATE ALL THERMOSTAT/HUMIDISTAT/SENSOR LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR TO RELOCATE THERMOSTATS/HUMIDISTATS/SENSORS AT NO ADDITIONAL COST TO PROJECT SHOULD THE CONTRACTOR FAIL TO COORDINATE LOCATIONS PRIOR TO INSTALLATION WITH THE OWNER.
52. ALL AIR HANDLING UNIT AUXILIARY DRAIN PANS ARE TO BE PIPED TO NEAREST FLOOR/HUB DRAIN IN AIR HANDLING UNIT ROOM/MEZZANINE/CEILING SPACE/ETC., PROVIDE SHUTOFF VALVE WITHIN AUXILIARY DRAIN PAN PIPING, VALVE TO BE NORMALLY CLOSED.
53. ALL EXTERIOR LOUVERS ARE TO BE PRE–FINISHED TO MATCH EXTERIOR OF BUILDING, REFER TO ARCHITECT. ALL EXTERIOR WALL LOUVERS TO BE WEATHERPROOF WITH MINIMUM 50% FREE AREA. ALL LOUVERS TO HAVE DRAIN BLADES WITH EXTENDED SILL & CHANNEL FRAME.
54. ALL MANUAL VOLUME DAMPERS IN VERTICAL POSITION OF DUCTWORK IN MECHANICAL ROOMS SHALL BE ACCESSIBLE FROM THE FLOOR.
55. ALL ROOF MOUNTED EQUIPMENT (FANS, CURBS, VENTS, ETC.) SHALL COME PRE–FINISHED FROM RESPECTIVE MANUFACTURER. COLOR SELECTION TO BE BY ARCHITECT.
56. THE ARCHITECTURAL FEATURES SHOWN ON THESE DRAWINGS UPON WHICH THE CONTRACT DOCUMENTS ARE BASED MAY BE INACCURATE OR INCOMPLETE. THE CONTRACTOR SHALL COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE MOST CURRENT TO DATE SEALED ARCHITECTURAL CONTRACT DOCUMENTS AND MODIFY AS REQUIRED.

CLOTHES DRYER EXHAUST DUCTWORK INSTALLATION NOTES:

504.1 INSTALLATION: CLOTHES DRYERS SHALL BE EXHAUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DRYER EXHAUST SYSTEMS SHALL BE INDEPENDENT OF ALL OTHER SYSTEMS AND SHALL CONVEY THE MOISTURE AND ANY PRODUCTS OF COMBUSTION TO THE OUTSIDE OF THE BUILDING.

504.2 EXHAUST PENETRATIONS: WHERE A CLOTHES DRYER EXHAUST DUCT PENETRATES A WALL OR CEILING MEMBRANE, THE ANNULAR SPACE SHALL BE SEALED WITH A NONCOMBUSTIBLE MATERIAL, APPROVED FIRE CAULKING OR A NONCOMBUSTIBLE DRYER EXHAUST DUCT WALL RECEPTACLE. DUCTS THAT EXHAUST CLOTHES DRYERS SHALL NOT PENETRATE OR BE LOCATED WITHIN ANY FIREBLOCKING, DRAFTSTOPPING OR ANY WALL, FLOOR/CEILING OR OTHER ASSEMBLY REQUIRED BY THE INTERNATIONAL BUILDING CODE TO BE FIRE–RESISTANCE RATED, UNLESS SUCH DUCT IS CONSTRUCTED OF GALVANIZED STEEL OR ALUMINUM OF THE THICKNESS SPECIFIED IN INTERNATIONAL MECHANICAL CODE (2015) SECTION 603.4 AND THE FIRE–RESISTANCE RATING IS MAINTAINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS AND ANY SIMILAR DEVICES THAT WILL OBSTRUCT THE EXHAUST FLOW SHALL BE PROHIBITED IN CLOTHES DRYER EXHAUST DUCTS.

504.3 CLEANOUT: EACH VERTICAL RISER SHALL BE PROVIDED WITH A MEANS FOR CLEANOUT.

504.4 EXHAUST INSTALLATION: DRYER EXHAUST DUCTS FOR CLOTHES DRYERS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION. DUCTS SHALL NOT BE CONNECTED OR INSTALLED WITH SHEET METAL SCREWS OR OTHER FASTENERS THAT WILL OBSTRUCT THE EXHAUST FLOW. CLOTHES DRYER EXHAUST DUCTS SHALL NOT BE CONNECTED TO A VENT CONNECTOR, VENT OR CHIMNEY. CLOTHES DRYER EXHAUST DUCTS SHALL NOT EXTEND INTO OR THROUGH DUCTS OR PLENUMS.

504.6.1 MATERIAL AND SIZE: EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND SHALL BE CONSTRUCTED OF METAL A MINIMUM 0.016 INCH THICK. THE EXHAUST DUCT SIZE SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATION.

504.6.2 DUCT INSTALLATION: EXHAUST DUCTS SHALL BE SUPPORTED AT 4–FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. DUCTS SHALL NOT BE JOINED WITH SCREWS OR SIMILAR FASTENERS THAT PROTRUDE INTO THE INSIDE OF THE DUCT.

504.6.3 TRANSITION DUCTS: TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE A MAXIMUM OF 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.

504.6.4 DUCT LENGTH: THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTION 504.6.4.1 OR 504.6.4.2.

504.6.4.1 SPECIFIED LENGTH: THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE 35 FEET FROM THE CONNECTION TO THE TRANSITION DUCT FROM THE DRYER TO THE OUTLET TERMINAL. WHERE FITTINGS ARE USED, THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE REDUCED IN ACCORDANCE WITH TABLE 504.6.4.1.

TABLE 504.6.4.1
DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH
DRYER EXHAUST DUCT FITTING TYPE EQUIVALENT LENGTH
4"ø RADIUS MITERED 45–DEGREE ELBOW 2 FEET 6 INCHES
4"ø RADIUS MITERED 90–DEGREE ELBOW 5 FEET

504.6.4.2 MANUFACTURER'S INSTRUCTIONS: THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE DETERMINED BY THE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE CODE OFFICIAL SHALL BE PROVIDED WITH A COPY OF THE INSTALLATION INSTRUCTIONS FOR THE MAKE AND MODEL OF THE DRYER. WHERE THE EXHAUST DUCT IS TO BE CONCEALED, THE INSTALLATION INSTRUCTIONS SHALL BE PROVIDED TO THE CODE OFFICIAL PRIOR TO THE CONCEALMENT INSPECTION. IN THE ABSENCE OF FITTING EQUIVALENT LENGTH CALCULATIONS FROM THE CLOTHES DRYER MANUFACTURER, TABLE 504.6.4.1 SHALL BE USED.

504.6.5 LENGTH IDENTIFICATION: WHERE THE EXHAUST DUCT IS CONCEALED WITHIN THE BUILDING CONSTRUCTION, THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG. THE LABEL OR TAG SHALL BE LOCATED WITHIN 6 FEET OF THE EXHAUST DUCT CONNECTION.

504.6.6 EXHAUST DUCT REQUIRED: WHERE SPACE FOR A CLOTHES DRYER IS PROVIDED, AN EXHAUST DUCT SYSTEM SHALL BE INSTALLED. WHERE THE CLOTHES DRYER IS NOT INSTALLED AT THE TIME OF OCCUPANCY, THE EXHAUST DUCT SHALL BE CAPPED AT THE LOCATION OF THE FUTURE DRYER.

504.6.7 PROTECTION REQUIRED: PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT. SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 11/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER. PROTECTIVE SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCH AND EXTEND A MINIMUM OF 2 INCHES ABOVE SOLE PLATES AND BELOW TOP PLATES.

ADDITIONAL GENERAL MECHANICAL NOTES:

1. REFER TO SHEETS M100 FOR ALL MECHANICAL PLAN KEYNOTES.
2. CONTRACTOR TO COORDINATE ALL THERMOSTAT/HUMIDISTAT LOCATIONS WITH ALL MILLWORK, PAINTINGS, ETC. FIGURE IN BID RELOCATION OF THERMOSTATS/HUMIDISTATS IN BID AS PER OWNER TO ACCOMMODATE ALL OWNER FURNISH WALL COVERINGS.
3. PROVIDE YOUNG REGULATORS FOR ALL MANUAL VOLUME DAMPERS LOCATED ABOVE HARD CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN. REFER TO GENERAL NOTE #20 SHEET M001.
4. MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND STEEL SUPPLIER ON EXACT STEEL MEMBERS TO BE SUPPLIED TO PROJECT. NOTIFY ARCHITECT/ENGINEER OF ANY POTENTIAL CONFLICTS PRIOR TO ORDERING STRUCTURAL SYSTEM. PROVIDE SUBMITTAL TO MECHANICAL ENGINEER FOR REVIEW PRIOR TO ORDERING STRUCTURAL STEEL SYSTEM.
5. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS (STRUCTURAL SYSTEMS, OTHER DISCIPLINES, ETC.) PRIOR TO CONSTRUCTING DUCTWORK/PIPING, NO EXCEPTION.
6. CONTRACTOR TO PROVIDE MECHANICAL ENGINEER WITH 1/4" = 1'–0" SCALE DRAWING OF ALL MECHANICAL ROOMS SHOWING PIPE, DUCTWORK, PADS, ACTUAL UNIT SIZE OF EQUIPMENT TO BE INSTALLED, ETC. WITH ALL EQUIPMENT SUBMITTALS. TYPICAL ALL EQUIPMENT ROOMS CONTAINING MECHANICAL EQUIPMENT (HOT WATER HEATERS, AIR HANDLERS, ETC.).

THERMAL DESIGN CONDITIONS

ROOM DESCRIPTION	INDOOR			OUTDOOR		
	SUMMER		WINTER	SUMMER		WINTER
	DB(°F)	RH(%)	DB(°F)	DB(°F)	WB(°F)	DB(°F)
ALL CONDITIONED SPACES	74°*	50%	70°*	95°	80°	20°

DB(°F) = DRY BULB
WB(°F) = WET BULB
RH(%) = RELATIVE HUMIDITY

*CONTRACTOR TO UTILIZE THESE INITIAL SET POINTS FOR HVAC SYSTEM(S) AT PROJECT COMPLETION. COORDINATE WITH OWNER ON EXACT TEMPERATURE SET POINTS DESIRED AND ADJUST.

COORDINATION DRAWINGS:
THE CONTRACTOR SHALL SUBMIT TO ARCHITECT, **"NO LATER THAN 30 DAYS AFTER WORK HAS COMMENCED ON SITE"**, ENTIRE FACILITY SYSTEM LAYOUTS AT A SCALE NOT LESS THAN 1/4"=1'–0" SHOWING THE LAYOUT OF THE ACTUAL EQUIPMENT, PIPING, MATERIAL, ETC. TO BE USED AND ALL NECESSARY CLEARANCES. THIS DRAWINGS SHALL BE COMPREHENSIVE OF ALL TRADES AS TO ELIMINATE CONFLICTS. THE CONTRACTOR WILL BE RESPONSIBLE TO VERIFY ALL ACCESS FOR MAINTENANCE AS REQUIRED BY THE MANUFACTURER. COORDINATION DRAWING TO BE REVIEWED BY ARCHITECT PRIOR TO THE INSTALLATION OF ANY & ALL MECHANICAL EQUIPMENT. CONTRACTOR TO COORDINATE THE PRELIMINARY SPRINKLER PLAN, DUCTWORK SHOP DRAWINGS, PIPING SYSTEMS, PLUMBING SYSTEMS & STEEL SHOP DRAWINGS (STRUCTURAL) PRIOR TO SUBMITTING TO DESIGN TEAM. CONTRACTOR TO INCLUDE ALL REQUIRED OFFSETS IN PLUMBING, PIPING & DUCTWORK IN BID. NO ADDITIONAL COST WILL BE PROVIDED TO CONTRACTOR FOR FAILURE TO COORDINATE ALL PIPING & DUCTWORK WITH STEEL. ALL SHOP DRAWINGS ARE TO INCLUDE SECTION CUTS OF ALL BUILDING AREAS FOR COORDINATION PURPOSES.

MANUAL VOLUME DAMPER ACCESS IN INACCESSIBLE LOCATIONS:

1. WHERE MANUAL VOLUME DAMPERS ARE LOCATED IN INACCESSIBLE LOCATIONS (I.E ABOVE HARD GYPSUM CEILINGS OR HIGHER THAN 4'–0" ABOVE AN ACCESSIBLE CEILING TILE), CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM. THE BALANCE SYSTEM CONSISTS OF A DAMPER, PULSE ACTUATOR, CAT 5 CABLE, WALL OR CEILING PLATE, AND HAND HELD POWER PACK.
   - 1.1. ADMINISTRATION SPACES: CONTRACTOR TO INSTALL WALL/CEILING ACCESS PORT ON WALL JUST ABOVE NEAREST ACCESSIBLE CEILING TILE OR IN NEAREST MECHANICAL ROOM. PROVIDE A MINIMUM ONE (1) ACCESS PORT PER CELL/SPACE/ROOM.
   - 1.2. INMATE HOUSING SPACES: PROVIDE WALL ACCESS PORTS WITHIN MECHANICAL ROOM.
   - 1.3. ALL ACCESS PORT TO BE PROPERLY LABELED NUMERICALLY BY RESPECTIVE SYSTEM & ROOM THAT THE DAMPER(S) SERVE. COORDINATE WITH MECHANICAL ENGINEER PRIOR TO LABELING.
2. TYPICAL ALL INACCESSIBLE MANUAL VOLUME DAMPERS.
3. REFER TO ARCHITECTURAL SHEET SERIES FOR REFLECTED CEILING PLANS.
4. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS OF MANUAL VOLUME DAMPERS.
5. REFER TO DETAIL #9 SHEET M501.
6. ROUND ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBD.
7. RECTANGULAR ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBDR.

MECHANICAL AIRSIDE LEGEND

NOTE: ALL SYMBOLS IN THIS LEGEND ARE NOT NECESSARILY FOUND ON THE PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING SUPPLY AIR DEVICE		EXH OR RETURN AIR DUCT 90° ELBOW DOWN
	CEILING RETURN AIR OR EXHAUST AIR DEVICE		CONNECTION BETWEEN NEW AND EXISTING DUCT
	CEILING SUPPLY AIR SLOT OR SINGLE LIGHT TROFFER		DUCT RISE (CHANGE OF ELEVATION)
	SUPPLY AIR DUCT		DUCT DROP (CHANGE OF ELEVATION)
EA & E/A	EXHAUST AIR	OA & O/A	OUTSIDE AIR
	RETURN AIR OR EXH. AIR DUCT		STANDARD BRANCH FOR SA. OR RA. DUCT
	DUCT WORK	A–150	AIR DEVICE TYPE (TYPE–A)
	90 ELBOW W/TURNING VANE DUCT		AIR QUANTITY (150 CFM)
	VOLUME DAMPER OR MANUAL DAMPER, RECT. & ROUND DUCT; "M.V.D."	RE=2/M–2	REFER TO SHEET M–2
M	MOTORIZED DAMPER OR AUTO DAMPER		DETAIL NUMBER (2)
FD	FIRE DAMPER, RATED FOR 2 HR., TYPICAL		EQUIPMENT
SD	SMOKE DAMPER	TS	SENSOR FOR THERMOSTAT
FS	COMBINATION FIRE AND SMOKE DAMPER	T	THERMOSTAT & HUMIDISTAT
BD	BACK DRAFT DAMPER	F	FIRESTAT
	LOW PRESSURE RECTANGULAR BRANCH DUCT W/ MVD	H	HUMIDISTAT
	SUPPLY AIR DUCT 90° ELBOW UP	HS	SENSOR FOR HUMIDISTAT
	EXH OR RETURN AIR DUCT 90° ELBOW UP	TM	HVAC TIMER
	SUPPLY AIR DUCT 90° ELBOW DOWN		AIR EXTRACTOR
M	MOTORIZED DAMPER IN DUCT DROP		45° DUCT LOW LOSS TAP WITH DAMPER
VFD	VARIABLE SPEED DRIVE, REFER TO SPECIFICATIONS	12x12	RETURN AIR PLENUM TRANSFER DUCT DUCT OPEN TO RETURN AIR PLENUM DUCT SIZE
EMS	TEMP. CONTROL SYSTEM (EMS) CONTROL PANEL, REFER TO SPECIFICATIONS	VRF	VARIABLE REFRIGERANT FLOW
		T_V	THERMOSTAT WITH WIRE MODEL COVER AT1104 AS MANUFACTURED BY SCHNEIDER ELECTRIC; PROVIDE SECURITY PIN VANDAL RESISTANT MECHANICAL FASTENERS.

EYRE ENGINEERING
PRINTED: 4-1-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

GENERAL MECHANICAL NOTES & LEGEND

sheet number
M001

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
	SUPPLY OR OUTSIDE AIR DUCT 90° ELBOW UP
	SUPPLY OR OUTSIDE AIR DUCT 90° ELBOW DOWN
	RETURN OR EXHAUST AIR DUCT 90° ELBOW UP
	RETURN OR EXHAUST AIR DUCT 90° ELBOW DOWN
	TYPICAL DUCT OFFSETS, REFER TO DUCT RISERS FOR CLARITY
	NEW DUCTWORK
16x12	RECTANGULAR DUCT SIZE (SIZE=>W"xH")
16ø	ROUND DUCT SIZE (SIZE=>DIAMETER)
	TURNING VANES, ALL TURNS 30° AND GREATER (APPLICABLE TO LOW PRESSURE SUPPLY DUCTWORK)
	SMOOTH RADIUS ELBOW, REFER TO TYPICAL DETAIL
D-500, 12ø	TYPICAL SUPPLY BRANCH TO SUPPLY AIR DEVICE AIR DEVICE TYPE (TYPE"D") AIR FLOW (500 CFM) AIR DEVICE WITH ROUND BRANCH DUCT FLEX DUCT (MAXIMUM 6'-0" RUN) BRANCH DUCT SIZE 45° LOW LOSS BRANCH DUCT TAP CONNECTION WITH DAMPER (FLEXMASTER MODEL STODB03 OR APPROVED EQUAL) - **PROVIDE FLEXMASTER STO WITH ELECTRONIC BALANCING DAMPER SYSTEM** (REFER TO GENERAL MECHANICAL NOTE #20 SHEET M001) AT ALL INACCESSIBLE DAMPERS (REFER TO ARCHITECTURAL REFLECTED CEILING PLANS RECTANGULAR SUPPLY DUCT
16x12, 16x12	RECTANGULAR DUCT BRANCH TAKE-OFF WITH M.V.D., REFER TO TYPICAL DETAIL
	DUCTWORK TO RETURN/EXHAUST AIR DEVICE
VAULT	THE VAULT (WWW.ROOFPENETRATIONHOUSINGS.COM) ROOF PIPE PENETRATION HOUSING FOR REFRIGERANT PIPING & ELECTRICAL LINES, REFER TO TYPICAL DETAIL #4 SHEET M506 & SPECIFICATION 233723.
OAM	O/A MONITOR, EBTRON GOLD SERIES THERMAL DISPERSION AIRFLOW/TEMPERATURE MEASUREMENT DEVICE (ATMD), EBTRON MODEL GTC116-PA OR PRIOR APPROVED EQUAL. 24VAC POWER REQUIREMENT REFER TO CONTROLS SPECIFICATION COORDINATE INSTALLATION REQUIREMENTS WITH ACTUAL MONITOR TO BE INSTALLED WITHIN PROJECT PRIOR TO CONSTRUCTION, VERIFY ACTUAL FIELD CONDITIONS.
EUH-X	CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRIC UNIT HEATER FOR FREEZE PROTECTION OF SPRINKLER RISER, REFER TO SCHEDULES AND DETAIL #7 SHEET M505. INSTALL UNIT HEATER AT MINIMUM 9'-0" AFF.
WALL 24x12	DUCT SLEEVE THRU WALL, MECHANICAL CONTRACTOR TO INSTALL DUCT SLEEVE IN WALL ABOVE CEILING AS HIGH AS POSSIBLE, LENGTH OF DUCT SLEEVE TO EXTEND 24" FROM WALL BOTH SIDES TO ACCOMMODATE FIRE DAMPER (IF REQUIRED REFER TO LIFE SAFETY PLAN), REFER TO PLAN FOR EXACT SIZE OF DUCT SLEEVE TYPICAL FOR ALL DUCT SLEEVES THRU WALL SEAL ALL AROUND WALL PENETRATION AIR TIGHT
	MANUAL VOLUME DAMPER WITH STAND-OFF BRACKET, ADJUSTABLE & LOCKABLE, TYPICAL. REFER TO DETAIL #29 SHEET M501. **CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM** (REFER TO GENERAL MECHANICAL NOTE #20 SHEET M001) **TO PROVIDE A MEANS OF BALANCING ALL INACCESSIBLE MANUAL VOLUME DAMPERS.**
BD	CONTRACTOR SHALL PROVIDE SPRING-LOADED BACKDRAFT DAMPER IN DUCTWORK.
M	MOTORIZED DAMPER IN DUCTWORK
FD	CONTRACTOR TO PROVIDE TWO-HOUR UL-LISTED FIRE DAMPER IN DUCTWORK, REFER TO DETAIL AND SPECIFICATIONS.
FS	CONTRACTOR TO PROVIDE UL-LISTED FIRE-SMOKE DAMPER IN DUCTWORK. PROVIDE 120-1-60 ELECTRICAL CONNECTION. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
SD	CONTRACTOR TO PROVIDE UL-LISTED SMOKE DAMPER IN DUCTWORK. PROVIDE 120-1-60 ELECTRICAL CONNECTION. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
SEC	CONTRACTOR SHALL PROVIDE AND INSTALL SECURITY BARS IN DUCTWORK PENETRATION THRU WALL. SECURITY BARS SHALL BE PRICE MODEL MSBG SECURITY BARRIER BAR GRILLE (OR APPROVED EQUAL). SECURITY BARS SHALL BE PROVIDED WITH S187 MOUNTING STYLE (3/16" SLEEVE WITH TWO (2) 1"x1"x3/16" FOUR-SIDED ANGLE FRAMES. SECURITY BARS SHALL BE 1/2" HOT ROLLED STEEL LOCATED MAXIMUM 5"x5" ON CENTERS WELDED TO FRAME AND AT ALL CROSSPOINTS. CONTRACTOR SHALL PROVIDE SECURITY BARS ON THE REAR OF ALL WALL LOUVERS AND ALL WALL PENETRATIONS BETWEEN SECURE AND NON-SECURE AREAS.
WALL CAP 4ø	4"∅ DRYER DUCT TO WALL CAP WITH BACKDRAFT DAMPER. COORDINATE EXACT LOCATION OF WALL CAP WITH ARCHITECT IN FIELD DURING CONSTRUCTION. REFER TO TYPICAL DETAIL AND ASSOCIATED GENERAL NOTES.
	CONSTANT VOLUME AIR HANDLING UNIT IN MECHANICAL ROOM. ROUTE INSULATED COPPER CONDENSATE DRAIN LINE (REFER TO SCHEDULE FOR SIZES) FROM UNIT AS SHOWN AND TURN DOWN AT FLOOR DRAIN WITH AIR GAP (REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN). PROVIDE 4" HIGH AUXILIARY DRAIN PAN (G90 GALVANIZED STEEL, 16 GA. WELDED SEAMS), SIZED AS REQUIRED, UNDER ENTIRE UNIT. PROVIDE 6" THICK HOUSEKEEPING PAD ALL AROUND UNIT (WITH CHAMFERED EDGES), WITH 42" CLEARANCE IN FRONT (CONTROL SIDE) FOR SERVICING. REFER TO TYPICAL DETAIL #5 SHEET M506. ROUTE FRESH AIR DUCT AS SHOWN FROM FRESH AIR INTAKE LOUVER (PROVIDE FULL SIZE PLENUM ON REAR OF LOUVER, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOUVER LOCATIONS). COORDINATE DUCTWORK OFF OF UNIT WITH STRUCTURAL SYSTEM. PROVIDE IN BID OFFSET AS REQUIRED. PROVIDE FLOAT SWITCH IN AUXILIARY DRAIN PAN, UNIT TO DE-ENERGIZE WHEN FLOAT SWITCH IS TRIPPED.
WALLS MECH. ROOM/ SPACE	PELICAN BOARD SOUND ATTENUATING ASSEMBLY. INTERIOR WALLS AND BACK OF DOORS ON WALL BETWEEN OCCUPIED SPACES SHALL BE LINED WITH 2" THICK PERFORATED VINYL LINED SOUND INSULATION BOARD. CONTRACTOR TO INSTALL RIGID FIBERGLASS INSULATION WITH PERFORATED CLOTH LINED SIDE FACING INSIDE OF MECHANICAL ROOM, NO EXCEPTION. ADHERE INSULATION TO WALL WITH STICK CLIP, DOME WASHERS, AND PROVIDE DOME CAP TO CONCEAL EXPOSED CLIP POINTS. SEAL ALL SEAMS.
BSX-X	BRANCH SELECTOR BOX, INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS REFER TO SHEETS FOR REFRIGERANT PIPE ROUTING, VARIABLE REFRIGERANT FLOW PIPING & WIRING SCHEMATICS ON SHEETS M601 THRU M607 & SCHEDULES. CONFIRM THAT REFRIGERANT CHARGE FROM ALL BRANCH SELECTOR BOXES TO INTERIOR UNITS DOES NOT EXCEED THE MAXIMUM CHARGE FOR THE VOLUME OF THE SPACES SERVED.
HR/HP-"X"	HEAT PUMP/HEAT RECOVERY CONDENSING UNIT ON 10" CONCRETE HOUSEKEEPING PAD, SIZED AS REQUIRED. REFER TO DETAIL #1 SHEET M504 FOR CONDENSING UNIT INSTALLATION. REFER TO DETAIL #2 SHEET M504 FOR CONCRETE PAD. PAD TO BE CONTINUOUS WITH BUILDING. PROVIDE REFRIGERANT PIPE SUPPORTS MINIMUM 4'-0" AND AT ALL CHANGES IN DIRECTION. SEAL ALL PENETRATIONS INTO BUILDING AIR TIGHT. ROUTE REFRIGERANT LINES DOWN LOW THRU EXTERIOR WALL (WITHIN COMMON WALL SLEEVE), UP EXTERIOR WALL TO RESPECTIVE INDOOR UNIT OR BRANCH SELECTOR BOX (ALL REFRIGERANT LINES INSTALLED WITHIN BLOCK WALLS TO BE WITHIN PVC SLEEVE, MAXIMUM SIZE ALLOWED BY WALL THICKNESS). PAINT ALL EXTERIOR REFRIGERANT INSULATION WITH UV INHIBITOR PAINT. PROVIDE MINIMUM ONE (1) GROUND REFRIGERANT PIPE SUPPORT FOR REFRIGERANT PIPING AT EACH CONDENSING UNIT (PROVIDE MORE WHEN SHOWN). REFER TO DETAIL #3 SHEET M504 FOR GROUND REFRIGERANT PIPE SUPPORTS. REFER TO DETAIL #4 SHEET M504 FOR REFRIGERANT PIPE HANGER SUPPORTS WITHIN BUILDING.
EMS	CONTROL PANEL FOR EMS SYSTEM, PROVIDE DEDICATED CIRCUIT (20 AMP) & DATA DROP.
EDH-X	CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRIC DUCT HEATER AS SHOWN, REFER TO TYPICAL DETAIL AND SCHEDULES.
FCX-X	VARIABLE REFRIGERANT FLOW CONCEALED DUCTED FAN COIL UNIT. INSTALL UNIT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. FIELD ROUTE INSULATED CONDENSATE DRAIN LINE FROM UNIT (AS REQUIRED) & TURN DOWN TO NEAREST HUB DRAIN (REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF HUB DRAIN). PROVIDE OVERFLOW SWITCH AT OVERFLOW DRAIN CONNECTION AT UNIT, HVAC SYSTEM TO DE-ENERGIZE WHEN FLOW SWITCH IS TRIPPED. PROVIDE 20x25 DUAL FILTER PLENUM BOX ON INLET OF FAN COIL UNIT. RETURN AIR PLENUM ON INLET OF FILTER BOX TO BE INTERNALLY INSULATED, FULL SIZE OF UNIT OPENING, LENGTH AS REQUIRED FOR BRANCH DUCT CONNECTIONS.
	CONTRACTOR TO PROVIDE TYPICAL SECURITY-RATED ACCESS PANEL IN CEILING THIS LOCATION. ACCESS PANEL TO BE LARGE ENOUGH TO EASILY ACCESS AND MAINTAIN EQUIPMENT/FIRE DAMPERS. COORDINATE REQUIRED DIMENSIONS WITH ENGINEER OF RECORD PRIOR TO ORDERING. COORDINATE WITH ARCHITECT ON EXACT ACCESS PANELS TO BE USED.
ERV	CONTRACTOR TO PROVIDE AND INSTALL ENERGY RECOVERY VENTILATOR (ERV), REFER TO SCHEDULES AND SPECIFICATIONS. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE MOTORIZED DAMPER ON INTAKE (FRESH AIR) DUCT INTO ERV AS SHOWN.

SYMBOL	DESCRIPTION
Tv	THERMOSTAT WITH WIRE MODEL COVER AT1104 AS MANUFACTURED BY SCHNEIDER ELECTRIC; PROVIDE SECURITY PIN VANDAL RESISTANT MECHANICAL FASTENERS
T	THERMOSTAT
TS	TEMPERATURE SENSOR
H	HUMIDISTAT
HS	HUMIDITY SENSOR
S	SMOKE DETECTOR
F	FIRESTAT
	MECHANICAL EQUIPMENT
L-X EXTERIOR WALL	WEATHERPROOF EXTERIOR WALL LOUVER, REFER TO DETAILS #1 AND #2 SHEET M503. LOUVER SHALL BE GREENHECK MODEL EHV-550D OR APPROVED EQUAL. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND OWNER FOR INSTALLATION HEIGHT AND CUSTOM COLOR SELECTION. PROVIDE PLENUM ON REAR OF LOUVER FULL SIZE OF DUCT CONNECTION AND TRANSITION AS SHOWN. CONTRACTOR SHALL PROVIDE INSECT SCREEN ON INTERIOR SIDE OF LOUVER. CONTRACTOR SHALL SEAL ALL AROUND AIR AND WATER TIGHT. CONTRACTOR SHALL PROVIDE SECURITY BARS ON REAR OF ALL LOUVERS.
RH-X	ROOF HOOD ON PREFABRICATED ROOF CURB, REFER TO ROOF HOOD SCHEDULES AND DETAIL #5 SHEET M503.
EF-X	TYPICAL CABINET EXHAUST FAN, REFER TO DETAIL #12 SHEET M501, ROUTE EXHAUST DUCT AS SHOWN (UP THRU ROOF TO ROOF HOOD ON PREFABRICATED ALL WELDED ALUMINUM ROOF CURB OR TO INSULATED PLENUM ON REAR OF LOUVER). PROVIDE SPRING LOADED BACKDRAFT DAMPER AT DISCHARGE OF EXHAUST FAN. MAINTAIN 10'-0" FROM ANY AND ALL FRESH AIR INLETS. INSULATE ENTIRE EXHAUST SYSTEM AS PER SPECIFICATIONS.
EF-X	INLINE EXHAUST FAN, REFER TO DETAIL #6 SHEET M505, ROUTE DISCHARGE EXHAUST DUCT AS SHOWN TO PLENUM ON REAR OF EXTERIOR WALL LOUVER OR UP TO ROOF HOOD ON PREFABRICATED ROOF CURB PROVIDE SPRING LOADED BACKDRAFT DAMPER AT DISCHARGE OF INLINE FAN. MAINTAIN 10'-0" BETWEEN ALL FRESH AIR INLETS & EXHAUST AIR DISCHARGES. WHERE FAN IS LOCATED ABOVE GYPSUM CEILING, CONTRACTOR TO PROVIDE 30x20 ACCESS PANEL FOR ACCESS THROUGH GYPSUM BOARD HARD CEILINGS FOR FAN ACCESS, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES.
AA-"CFM"	CONTRACTOR SHALL PROVIDE AND INSTALL SECURITY AIR DEVICE, REFER TO AIR DISTRIBUTION SCHEDULES AND DETAIL #11 SHEET M505 FOR INSTALLATION. CONTRACTOR SHALL PROVIDE TRANSITIONS AS REQUIRED TO BRANCH DUCT SIZE. COORDINATE CEILING CONSTRUCTION TYPE WITH ARCHITECTURAL DRAWINGS. BRANCH DUCT TO BE FULL SIZE OF AIR DEVICE FOR ALL SIDEWALL GRILLES.
EF-X	ROOF MOUNTED EXHAUST FAN ON PREFABRICATED ROOF CURB. REFER TO SCHEDULES & DETAIL #8 SHEET M505.
KEF-X	ROOF MOUNTED KITCHEN HOOD EXHAUST FAN ON PREFABRICATED ROOF CURB. REFER TO SCHEDULES & TYPICAL DETAILS #1 AND #5 ON SHEET M505.
KH-X	KITCHEN HOOD WITH SUPPLY AIR PLENUM. REFER TO FOOD SERVICE DRAWINGS FOR EXACT SIZE/LOCATION/ETC.
	ROOF MOUNTED TEMPERED AND COOLED KITCHEN HOOD MAKEUP AIR SYSTEM ON PREFABRICATED ROOF CURB. REFER TO SCHEDULES & DETAIL #2 SHEET M505. REFER TO KITCHEN EQUIPMENT PACKAGE FOR EXACT INSTALLATION REQUIREMENTS AND SIZES.
	RETURN AIR DEVICE WITH RETURN AIR CANOPY, TYPICAL (REFER TO AIR DISTRIBUTION SCHEDULES). REFER TO TYPICAL DETAIL. CONTRACTOR SHALL PROVIDE PRICE MODEL #RAC RETURN AIR CANOPY ON REAR OF RETURN AIR DEVICES OPEN TO RETURN AIR PLENUM.
	RETURN AIR DEVICE WITH FULL SIZE PLENUM ON REAR OF GRILLE, REFER TO DETAIL #10 SHEET M501. PLENUM HEIGHT SHALL BE SIZED AS REQUIRED TO MAKE DUCT CONNECTION. (INTERNALLY LINED DUCT)
TAG-"CFM"	LINEAR DIFFUSER WITH FACTORY INSTALLED INSULATED BOOT WITH SLOPED SHOULDERS, REFER TO SCHEDULE FOR TYPE AND MODEL, TYPICAL. REFER TO DRAWINGS FOR CFM AND BRANCH DUCT SIZE. PROVIDE MITERED CORNERS WHERE ELBOWS ARE SHOWN. REFER TO DETAIL #3 SHEET M502. FIELD FABRICATE INTERNALLY INSULATED PLENUM ON REAR SHOULD STRUCTURE CONFLICT WITH PREFABRICATED PLENUM. HEIGHT OF PLENUM ON REAR OF DIFFUSER AS REQUIRED IN ORDER TO MAKE BRANCH DUCT CONNECTIONS.
INTERIOR WALL	TYPICAL SIDEWALL AIR DEVICE (WITH ALUMINUM DAMPER ON REAR), REFER TO DETAIL #1 SHEET M506 AND AIR DISTRIBUTION DEVICE SCHEDULES. AIR DEVICE SHALL BE CUSTOM COLORED, REFER TO ARCHITECT FOR COLOR SELECTION.
MSU	MINI-SPLIT CONDENSING UNIT (REFER TO TYPICAL DETAILS) ON CONCRETE HOUSEKEEPING PAD, SIZED AS REQUIRED. PAD SHALL BE SAME ELEVATION AS BUILDING PAD. PAD SHALL BE CONTINUOUS WITH BUILDING AND SLOPED AWAY FROM BUILDING FOR DRAINAGE. PROVIDE ALL MANUFACTURER RECOMMENDED ACCESSORIES AND SIZE REFRIGERANT LINES IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. PROVIDE MINIMUM ONE (1) GROUND PIPE SUPPORT FOR EACH CONDENSING UNIT. PROVIDE INTERIOR REFRIGERANT PIPE SUPPORTS (REFER TO TYPICAL DETAILS) MAXIMUM 4'-0" APART AND AT ALL CHANGES IN DIRECTION. ROUTE REFRIGERANT LINES DOWN LOW THRU EXTERIOR WALL WITHIN COMMON WALL SLEEVE, UP EXTERIOR WALL AS REQUIRED TO RESPECTIVE INDOOR UNIT. ALL EXTERIOR REFRIGERANT PIPE INSULATION SHALL BE COVERED WITH UV RESISTANT PVC JACKETS (OR PAINTED WITH 2 COATS OF UV INHIBITOR COATING). SEAL ALL PENETRATIONS WATER/AIR TIGHT.
WMU	WALL MOUNTED DUCTLESS MINI-SPLIT SYSTEM (WITH INSTALLATION PLATE) LOCATED UP HIGH ON WALL (12" FROM FINISHED CEILING). CONTRACTOR SHALL FIELD ROUTE REFRIGERANT LINES TO RESPECTIVE CONDENSING UNIT. UNIT SHALL BE PROVIDED WITH CONDENSATE PUMP. ROUTE CONDENSATE PIPING TO HUB DRAIN (REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATION). CONDENSATE AND REFRIGERANT PIPING SHALL NOT RUN OVER ANY EQUIPMENT LOCATED WITHIN THE SPACE. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF MINI-SPLIT WITH ALL EQUIPMENT TO BE INSTALLED IN EQUIPMENT ROOM. DO NOT INSTALL MINI-SPLIT ABOVE ANY ELECTRICAL PANEL OR DEVICE. MECHANICAL CONTRACTOR SHALL FIGURE IN BID POSSIBLE INCREASE IN PIPE OFFSETS AND PIPE TO ACCOUNT FOR ALL REFRIGERANT AND CONDENSATE PIPING.
FCX-X	WALL MOUNTED VRF UNIT (WITH INSTALLATION PLATE) LOCATED IN SERVER/ELECTRICAL/EQUIPMENT ROOM HIGH ON WALL (12" FROM FINISHED CEILING). FIELD ROUTE REFRIGERANT LINES TO RESPECTIVE BRANCH SELECTOR BOX. ROUTE CONDENSATE LINE TO HUB DRAIN (REFER TO PLUMBING PLAN FOR HUB DRAIN LOCATION). MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF WALL-MOUNTED SYSTEM WITH ALL EQUIPMENT TO BE INSTALLED IN SERVER/ELECTRICAL/EQUIPMENT ROOM, DO NOT INSTALL WALL-MOUNTED ABOVE ANY PANEL OR ELECTRICAL DEVICE. MECHANICAL CONTRACTOR TO FIGURE IN BID POSSIBLE INCREASE IN PIPE OFFSETS AND PIPE TO ACCOMMODATE NEW LOCATION OF DUCT-LESS SPLIT SYSTEM.
FCX-X	TYPICAL CEILING CASSETTE AIR UNITS. FIELD ROUTE REFRIGERANT LINES PER REFRIGERANT PIPING SCHEMATIC. FIELD ROUTE INSULATED CONDENSATE LINE TO NEAREST HUB DRAIN & TURN DOWN, REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATIONS. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF FAN COIL WITH ARCHITECT. MECHANICAL CONTRACTOR TO FIGURE IN BID POSSIBLE INCREASE IN PIPE OFFSETS AND PIPE TO ACCOMODATE NEW LOCATION OF FAN COIL. FAN COIL TO COME WITH INTEGRAL CONDENSATE PUMP. REFER TO DETAIL #9 SHEET M504.
FCX-X	VERTICAL, MULTI-POSITION VRF FAN COIL/AIR HANDLING UNIT. PROVIDE 30" OF ACCESSIBILITY IN FRONT OF UNIT. ROUTE DUCTWORK AS SHOWN. REFER TO DETAIL #3 SHEET M506.
MAU-X	CONSTANT VOLUME 100% OUTSIDE AIR HANDLING UNIT IN MECHANICAL ROOM. ROUTE INSULATED COPPER CONDENSATE DRAIN LINE (REFER TO SCHEDULE FOR SIZES) FROM UNIT AS SHOWN AND TURN DOWN AT FLOOR DRAIN (REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN). PROVIDE 4" HIGH AUXILIARY DRAIN PAN (G90 GALVANIZED STEEL, 16 GA., WELDED SEAMS), SIZED AS REQUIRED, UNDER ENTIRE UNIT. PROVIDE 6" THICK HOUSEKEEPING PAD FOR AHU MINIMUM 6" ALL AROUND AIR UNIT (WITH CHAMFERED EDGES), WITH 42" CLEARANCE IN FRONT (CONTROL SIDE) FOR SERVICING. REFER TO TYPICAL AIR HANDLING UNIT DETAIL #3 SHEET M507. ROUTE FRESH AIR DUCT AS SHOWN FROM FRESH AIR INTAKE SIDEWALL LOUVER (PROVIDE FULL SIZE PLENUM ON REAR OF LOUVER, REFER TO ARCHITECTURAL ELEVATIONS PLANS FOR EXACT LOUVER LOCATION). COORDINATE DUCTWORK OFF OF UNIT WITH STRUCTURAL SYSTEM, PROVIDE IN BID OFFSET AS REQUIRED. PROVIDE FLOAT SWITCH IN AUXILIARY DRAIN PAN, UNIT TO DE-ENERGIZE WHEN FLOAT SWITCH IS TRIPPED.

MECHANICAL PLAN KEYNOTES: X

1 TYPICAL AIR TRANSFER ASSEMBLY. REFER TO DETAIL #9 SHEET M503.

2 EXHAUST/FRESH AIR DUCT UP THRU ROOF TO ROOF HOOD ON PREFABRICATED ROOF CURB. ROOF CURB TO BE ALL WELDED ALUMINUM CONSTRUCTION SUITABLE FOR USE ON METAL ROOF. HOOD & CURB TO BE PREFINISHED TO MATCH METAL ROOF. REFER TO DETAIL #5 SHEET M503 FOR ROOF HOOD DETAIL.

3 MINIMUM 3/4" DOOR UNDERCUT. UNDERCUT BY GENERAL CONTRACTOR.

4 DUCT DROP TO AIR DEVICE (REFER TO AIR DISTRIBUTION SCHEDULES) CONTRACTOR TO PROVIDE MANUAL VOLUME DAMPER IN DUCT DROP (WITH YOUNG REGULAR POWER BALANCING SYSTEM) REFER TO PLANS FOR DUCT SIZE.

5 PROVIDE WALL MOUNTED SUPPORTS HERE FOR VERTICAL DUCTWORK, REFER TO DETAIL #10 SHEET M505.

6 THERMOSTAT & HUMIDISTAT, TYPICAL. THERMOSTAT/HUMIDISTAT SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY, COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT ON ALL ARTWORK, MILLWORK, ETC. FOR CONFLICTS, IF THERMOSTAT/HUMIDISTAT IS RELOCATED PROVIDE NEW LOCATION TO MECHANICAL ENGINEER FOR APPROVAL. ALL THERMOSTAT WIRING TO BE IN ½" EMT CONDUIT, PROVIDE LONG SWEEP ELBOWS AT TOP OF CONDUIT WITHIN CEILING SPACE AT ALL TURN DOWNS INTO WALLS. REFER TO DRAWINGS FOR LOCATIONS OF ALL THERMOSTATS THAT REQUIRE HEAVY VANDAL PROOF METAL COVERS

7 HOT WATER HEATER, THERMOSTATIC MIXING VALVE & CIRCULATING PUMP, REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.

8 TEMPERED ROOFTOP SUPPLY FAN ON PREFABRICATED ROOF CURB, REFER TO SCHEDULES.

9 UTILITY-SET EXHAUST FAN TO SERVE WELDING BOOTHS. REFER TO DETAIL #4 SHEET M507 FOR UTILITY-SET EXHAUST FAN INSTALLATION.

10 CONTRACTOR TO PROVIDE OUTDOOR DUCT CONSTRUCTION OF DOUBLE WALL (MINIMUM R-VALUE OF 8.0), 316 STAINLESS STEEL SOLID INNER LINER, 316 STAINLESS STEEL OUTER DUCT. INSTALL IN STRICT ACCORDANCE WITH SMACNA STANDARDS

11 HOT WATER HEATER FLUES UP THRU ROOF EQUIPPED WITH WEATHER CAP, REFER TO HOT WATER HEATER SCHEDULE FOR SIZE. REFER TO DETAIL #13 SHEET M508 FOR FLUE PENETRATION THRU ROOF.

12 HOT WATER HEATER COMBUSTION AIR INLETS UP THROUGH ROOF EQUIPPED WITH WEATHER CAP, REFER TO HOT WATER HEATER SCHEDULE FOR SIZE. REFER TO DETAIL #14 SHEET M508 FOR COMBUSTION AIR PENETRATION THROUGH ROOF.

13 CONTRACTOR TO PROVIDE, MANUAL VOLUME DAMPER AND OUTSIDE AIR MONITORING STATION LOCATED WITHIN VERTICAL FRESH AIR DUCT.

14 TYPICAL SIDEWALL SUPPLY OR RETURN AIR DEVICE WITH FIRE DAMPER ON REAR, REFER TO DETAIL #1 SHEET M506, SCHEDULES, AND SPECIFICATIONS. FIRE DAMPER SHALL BE GREENHECK MODEL OFD-150 (OR APPROVED EQUAL) SO THAT IT CAN BE ACCESSED FROM THE FACE OF THE SIDEWALL DIFFUSER.

15 20x20 KITCHEN HOOD EXHAUST DUCT UP TO UPBLAST KITCHEN HOOD EXHAUST FAN (UL LISTED 762) ON NEW ROOF WITH PREFABRICATED HINGED ROOF CURB & VENTED EXTENSION, REFER TO SCHEDULES FOR MODEL AND SIZE. TRANSITION FROM FAN OPENING TO WELDED EXHAUST DUCT (REFER TO DRAWINGS FOR DUCT SIZE). INSULATE DUCT WITH 3" "FYREWRAP" DUCT INSULATION (UL LISTED). PROVIDE UL LISTED ACCESS DOORS AT ALL TURNS, TRANSITIONS, AND AT EVERY 10'-0". ALL HORIZONTAL RUNS SHALL BE PITCHED BACK TO HOOD FOR DRAINAGE PURPOSES. REFER TO SPECIFICATIONS FOR KITCHEN HOOD EXHAUST DUCT CONSTRUCTION (16 GA. WELDED STAINLESS STEEL). REFER TO DETAILS #1 & #5 SHEET M505. MAINTAIN 10'-0" BETWEEN FRESH AIR INTAKE AND EXHAUST OUTLETS.

16 24x24 SUPPLY AIR DUCT UP TO TEMPERED KITCHEN HOOD SUPPLY FAN ON NEW ROOF WITH PREFABRICATED ROOF CURB. TRANSITION FROM FAN OPENING TO DUCT (REFER TO DRAWING FOR SIZE OF DUCT) AS REQUIRED AND ROUTE AS SHOWN TO SUPPLY OPENINGS IN HOOD, BALANCE TO CFM SPECIFIED ON SCHEDULES. REFER TO DETAIL #2 SHEET M505 FOR FAN DETAIL.

17 KITCHEN HOOD FIRE SUPPRESSION SYSTEM CABINET & REMOTE MANUAL PULL STATION FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION

18 PREFABRICATED ROOF GAS/CONDENSATE PIPE SUPPORTS, LENGTH AS REQUIRED, REFER TO TYPICAL DETAIL #2 SHEET M506. TYPICAL ALL GAS AND CONDENSATE LINES.

19 CONTRACTOR TO PROVIDE FULL SIZED PLENUM ON REAR OF EXTERIOR WALL LOUVER PROVIDE SHEET METAL DIVIDERS WITHIN PLENUM AS TO SEPARATE AIR STREAMS, REFER TO DRAWINGS FOR DIMENSION OF DIVIDER WITHIN PLENUM

20 CONTRACTOR TO OFFSET DUCTWORK AS REQUIRED, REFER TO MECHANICAL DUCTWORK RISERS FOR CLARIFICATION.

21 DAIKIN INTELLIGENT TOUCH MANAGER ADVANCED MULTI-ZONE CONTROLLER FOR HEAT PUMP SYSTEMS CONTRACTOR TO ROUTE 120V TO 24V TRANSFORMER (SUPPLIED BY THE HEAT PUMP MANUFACTURER) ABOVE CEILING AT CONTROL PANEL CONTRACTOR TO ROUTE LOW VOLTAGE WIRE DOWN WALL TO CONTROL PANEL COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER IN FIELD DURING CONSTRUCTION

22 NOT USED.

23 DUCT PLENUM, FULL SIZE OF UNIT OPENING, LENGTH AS REQUIRED, INTERNALLY INSULATED, CONTRACTOR TO PROVIDE EXTRA BRACING AND SUPPORTS FOR RETURN AIR DUCTWORK & PLENUM AS TO MAINTAIN SHEET METAL RIGIDITY. SHEET METAL NOT TO COLLAPSE ON ITSELF WHEN UNIT IS OPERATING. REFER TO DETAIL #4 SHEET M503.

24 45° LOW LOSS BRANCH DUCT TAP CONNECTION (FLEXMASTER MODEL STO) WITH ELECTRONIC BALANCING DAMPER SYSTEM. REFER TO GENERAL MECHANICAL NOTE #20 SHEET M001.

25 CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM TO PROVIDE A MEANS OF BALANCING THE INACCESSIBLE MANUAL VOLUME DAMPER. PROVIDE YOUNG REGULATOR ACCESS PORT PANEL ON WALL OF MECHANICAL ROOM HOUSING THE UNIT SERVING THE SPACE

26 YOUNG REGULATOR ACCESS PORT PANEL ON WALL OF MECHANICAL ROOM, TYPICAL ALL MECHANICAL ROOMS. REFER TO NOTE #20 SHEET M001.

27 ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR EXACT LOCATION AND TYPE OF EQUIPMENT. COORDINATE DUCTWORK/PIPING AS NOT TO BE ROUTED OVER PANELS. REFER TO DETAIL #3 SHEET M503.

28 HEAVY DUTY SIDEWALL RETURN AIR DEVICE (REFER TO AIR DISTRIBUTION SCHEDULES), GRILLE TO BE CUSTOM COLORED REFER TO ARCHITECT FOR COLOR SELECTION. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT IN THE FIELD DURING CONSTRUCTION.

29 360-DEGREE WELDING EXHAUST DUCT DROP. SUPPORT DUCT FROM STRUCTURE ABOVE COORDINATE WITH OWNER ON EXACT LOCATION PRIOR TO INSTALLATION.

30 TRANSITION FROM 6" ROUND DUCT TO 12X12 RECTANGULAR DUCT (HOOD), REFER TO OWNER FOR EXACT LOCATION. PROVIDE BLAST GATE ON BRANCH DUCT. LOCATE BLAST GATE PER USER AGENCY. LOCATE HOOD (HEIGHT, LOCATION, ETC.) PER USER AGENCY. DEPTH OF HOOD TO BE SELECTED BY USER AGENCY.

31 CONTRACTOR TO ROUTE ROUND DUCT AS SHOWN AND TURN DOWN AT WALL. PROVIDE BLAST GATE WITHIN VERTICAL DROP (ACCESSIBLE FROM FINISHED FLOOR, EXACT LOCATION TO BE BY USER AGENCY). REFER TO USER AGENCY FOR EXACT LOCATION OF DUCT DROP. CONTRACTOR TO PROVIDE TRANSITION FOR USER AGENCY TO MAKE FINAL CONNECTIONS TO EQUIPMENT.

32 CONTRACTOR TO FIELD ROUTE 1-1/2" (12"W.C.) GAS PIPING TO ROOF-TOP MECHANICAL EQUIPMENT AND CONNECT. PROVIDE SHUT OFF VALVE, UNION, & DIRT LEG AT EQUIPMENT CONNECTION POINT. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

33 CONTRACTOR TO FIELD ROUTE 1" (12"W.C.) GAS PIPING TO ROOF-TOP MECHANICAL EQUIPMENT AND CONNECT. PROVIDE SHUT OFF VALVE, UNION, & DIRT LEG AT EQUIPMENT CONNECTION POINT. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

34 THE VAULT (WWW.ROOFPENETRATIONHOUSINGS.COM) ROOF PIPE PENETRATION HOUSING FOR REFRIGERANT PIPING & ELECTRICAL LINES, REFER TO TYPICAL DETAIL #4 SHEET M506 & SPECIFICATION 233723.

35 ROOF HYDRANTS, REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION UP FROM FLOOR BELOW.

36 MECHANICAL MEZZANINE ACCESS, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.

37 CONTRACTOR TO PROVIDE, MANUAL VOLUME DAMPER AND MOTORIZED DAMPER (120-1-60) LOCATED WITHIN VERTICAL FRESH AIR DUCT.

38 TSI #RPM10 ROOM PRESSURE MONITOR WITH ONE (1) SENSOR. MOUNT SENSOR ABOVE DOOR. MOUNT MONITOR AT ADA HEIGHT ABOVE FINISHED FLOOR. PROVIDE 50VA TRANSFORMER WITH ROOM PRESSURE MONITOR, COORDINATE WITH ELECTRICAL CONTRACTOR ON PROVIDING 120-1-60 ELECTRICAL CONNECTION TO TRANSFORMER. MOUNT TRANSFORMER IN CEILING SPACE DIRECTLY ABOVE MONITOR (PROVIDE ACCESS PANEL IN GYPSUM OR SECURITY CEILINGS. COORDINATE ALL LOW VOLTAGE CONNECTIONS WITH ELECTRICAL & CONTROLS CONTRACTOR TO ENSURE A COMPLETE AND WORKING SYSTEM.

39 BALANCE THE FOLLOWING ROOMS TO THE FOLLOWING PRESSURE RELATIONSHIPS, INCREASE RESPECTIVE EXHAUST FAN CFM AS REQUIRED TO ACHIEVE PRESSURE RELATIONSHIP:

1. ISOLATION ROOM #A130 SHALL BE BALANCED TO BE 0.03" NEGATIVE TO ISO VESTIBULE #A128.
2. ISO VESTIBULE #A128 SHALL BE BALANCED TO BE 0.01" NEGATIVE TO CORRIDOR #C103.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace
Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

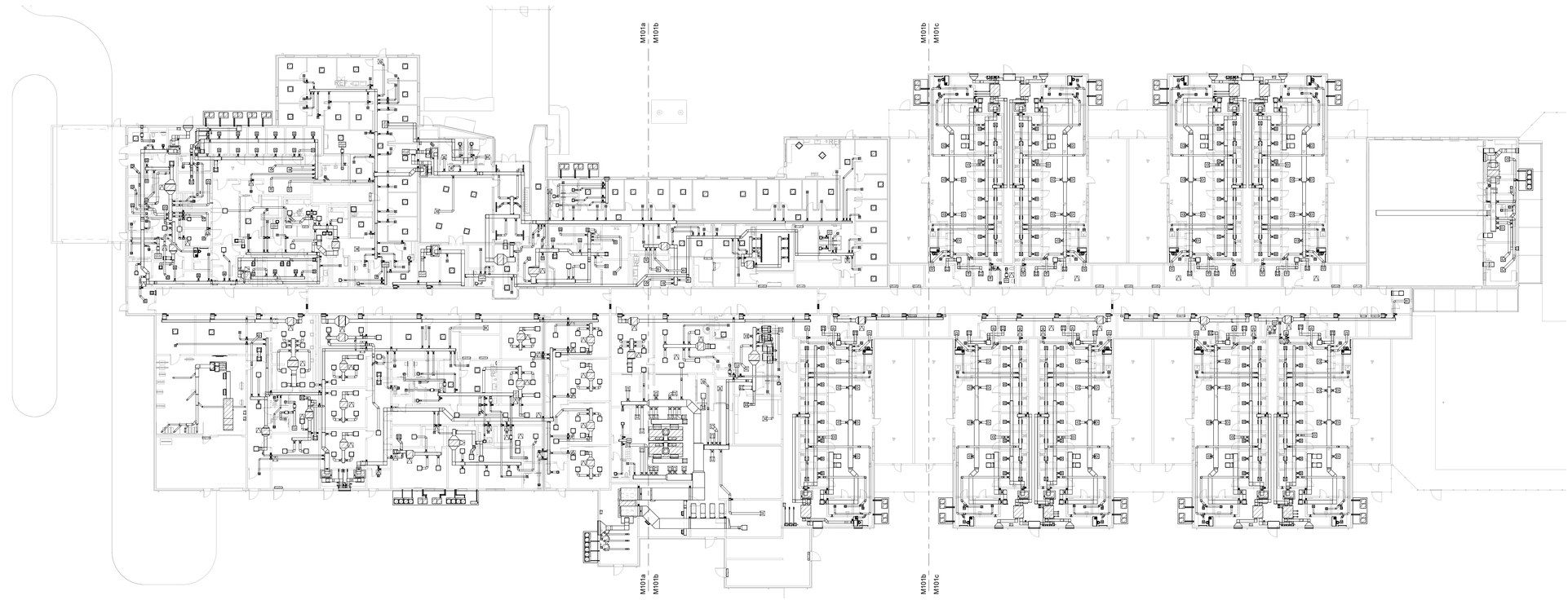
ISSUED FOR: REVIEW AND PRICING

PROJECT NO: 571506

MECHANICAL PLAN
KEYNOTES & LEGEND

SHEET NUMBER

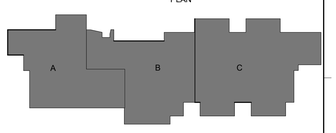
M100



1 M101 OVERALL MECHANICAL FLOOR PLAN

3/64" = 1'-0"

KEY PLAN



EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001655
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

ISSUED FOR: REVIEW AND PRICING

PROJECT NO: 571506

OVERALL MECHANICAL FLOOR PLAN

SHEET NUMBER

M101

1. PROVIDE SECURITY BARS IN ALL DUCTWORK THAT PENETRATES ANY WALL SEPARATING SECURE SPACES FROM NON-SECURE SPACES. SECURITY BARS SHALL BE INSTALLED ON THE SECURE SIDE OF THE WALL AND SHALL PREVENT UNAUTHORIZED ACCESS THROUGH THE DUCT. SECURITY BARS SHALL BE PROVIDED IN THE REAR OF ALL EXTERIOR LOUVERS AND ROOF HOOD OPENINGS.
2. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPER LOCATIONS.
3. FIGURE IN BID ELECTRONIC BALANCING DAMPERS (YOUNG REGULATOR OR EQUAL) FOR ALL DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. ACCESS PORTS SHALL BE LOCATED IN NEAREST MECHANICAL SPACE OR IN THE CEILING SPACE ABOVE THE NEAREST GRID CEILING. ASSUME ALL DAMPERS LOCATED ABOVE CEILINGS AT SECURE AREAS WILL NEED ELECTRONIC BALANCING SYSTEM OR COORDINATE EXACT QUANTITIES WITH ARCHITECTURAL REFLECTED CEILING PLANS.
5. FIGURE IN BID 18"X18" ACCESS PANEL FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS TO DETERMINE IF THE PANEL NEEDS TO BE SECURITY-RATED OR NOT.

TRANSITION FROM SINGLE WALL STAINLESS STEEL TO DOUBLE WALL

*EXPOSED SUPPLY, AND EXHAUST AIR DUCTWORK WITHIN VOCATIONAL CLASSROOM 1 WELDING SHOP SHALL HAVE 1-1/2" FOIL FACED RIGID BOARD AND SHALL BE FIELD PAINTED AT THE DIRECTION OF THE ARCHITECT.

SEVEN (7) 6" WELDING DROPS TO BE BALANCED TO 600 CFM EACH.

DUCT(S) TO BE FULL SIZE OF UNIT OPENING(S)

1 M101a MECHANICAL FLOOR PLAN - SECTOR A
1/8" = 1'-0"

*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

KEY PLAN

A B C

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTING COMPANY IS AUTHORIZED TO REPRODUCE COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

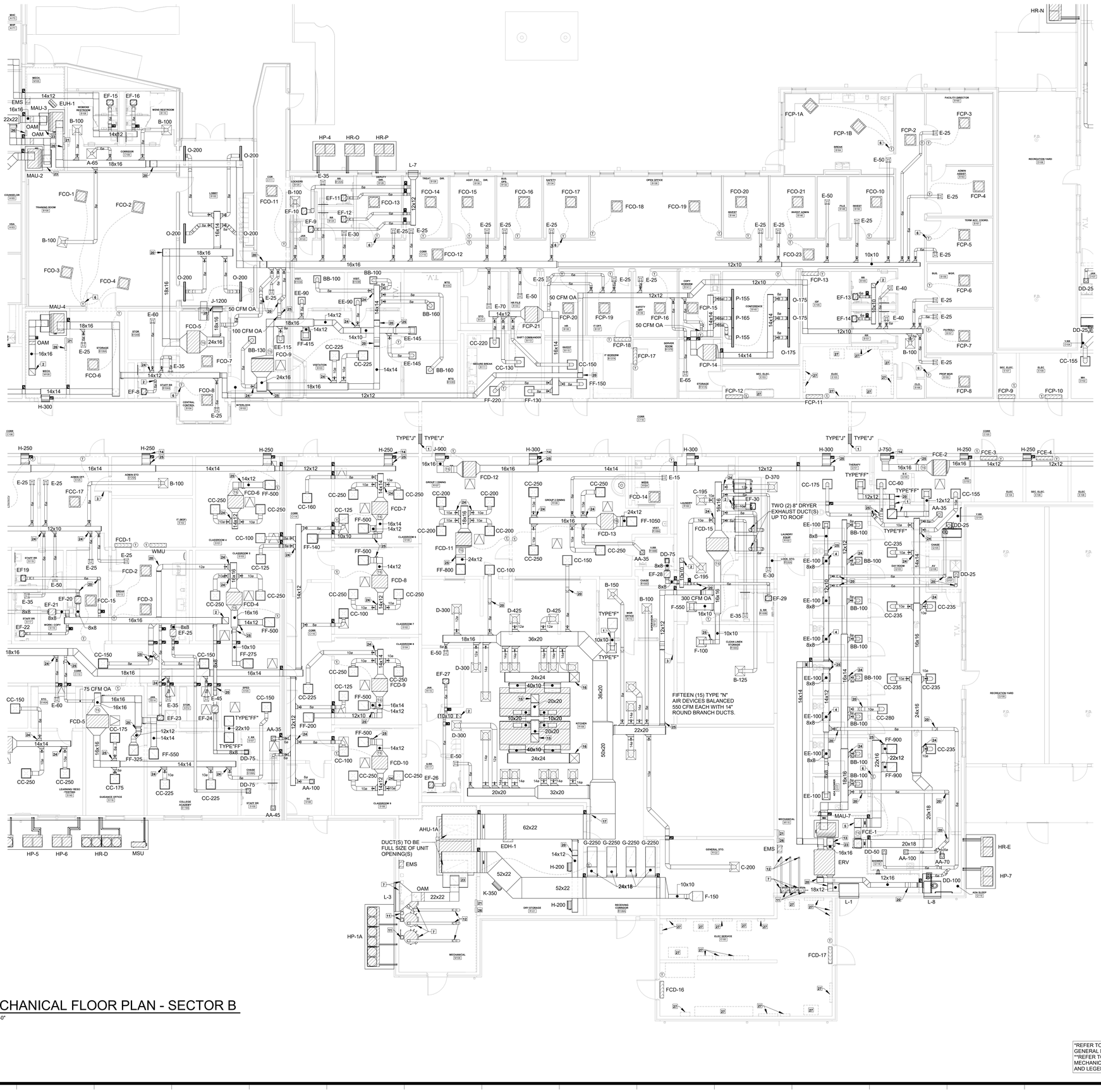
PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01; F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL FLOOR PLAN - SECTOR A

SHEET NUMBER
M101a



1 M101b **MECHANICAL FLOOR PLAN - SECTOR B**

1/8" = 1'-0"

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

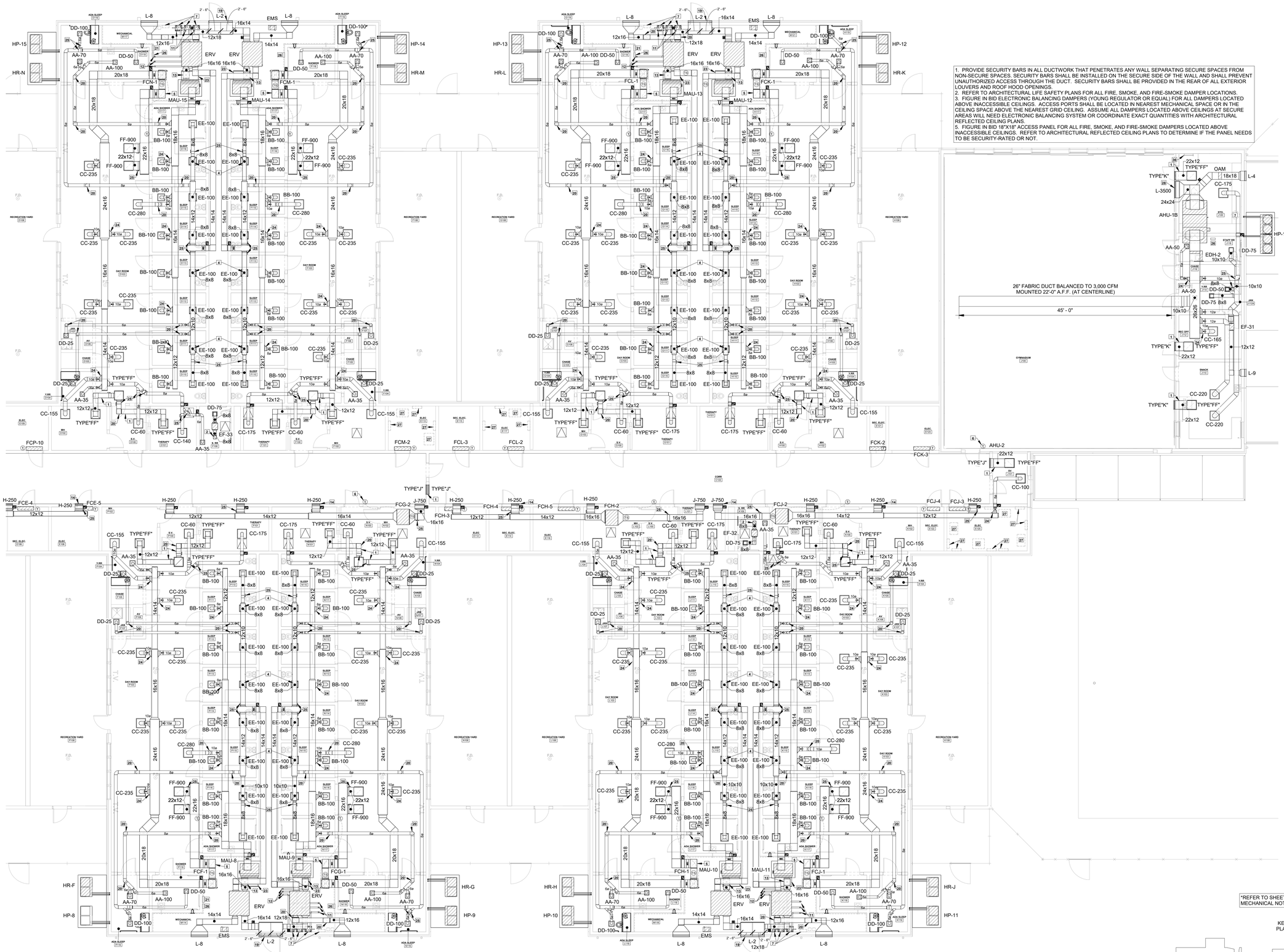
MECHANICAL FLOOR PLAN - SECTOR B

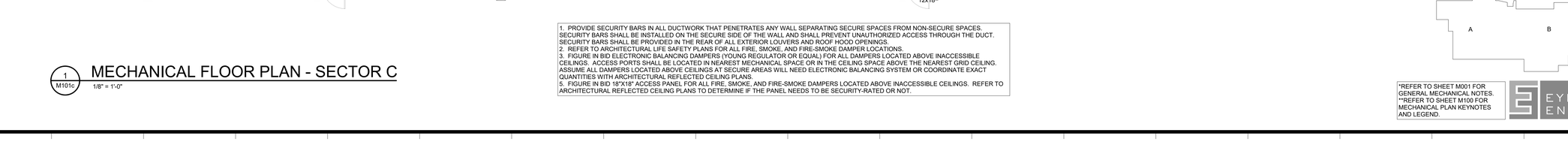
SHEET NUMBER
M101b

EYRE ENGINEERING

PRINTED: 3-30-2026

1. PROVIDE SECURITY BARS IN ALL DUCTWORK THAT PENETRATES ANY WALL SEPARATING SECURE SPACES FROM NON-SECURE SPACES. SECURITY BARS SHALL BE INSTALLED ON THE SECURE SIDE OF THE WALL AND SHALL PREVENT UNAUTHORIZED ACCESS THROUGH THE DUCT. SECURITY BARS SHALL BE PROVIDED IN THE REAR OF ALL EXTERIOR LOUVERS AND ROOF HOOD OPENINGS.
2. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPER LOCATIONS.
3. FIGURE IN BID ELECTRONIC BALANCING DAMPERS (YOUNG REGULATOR OR EQUAL) FOR ALL DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. ACCESS PORTS SHALL BE LOCATED IN NEAREST MECHANICAL SPACE OR IN THE CEILING SPACE ABOVE THE NEAREST GRID CEILING. ASSUME ALL DAMPERS LOCATED ABOVE CEILINGS AT SECURE AREAS WILL NEED ELECTRONIC BALANCING SYSTEM OR COORDINATE EXACT QUANTITIES WITH ARCHITECTURAL REFLECTED CEILING PLANS.
5. FIGURE IN BID 18"X18" ACCESS PANEL FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS TO DETERMINE IF THE PANEL NEEDS TO BE SECURITY-RATED OR NOT.



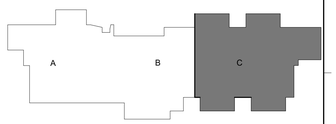


1. PROVIDE SECURITY BARS IN ALL DUCTWORK THAT PENETRATES ANY WALL SEPARATING SECURE SPACES FROM NON-SECURE SPACES. SECURITY BARS SHALL BE INSTALLED ON THE SECURE SIDE OF THE WALL AND SHALL PREVENT UNAUTHORIZED ACCESS THROUGH THE DUCT. SECURITY BARS SHALL BE PROVIDED IN THE REAR OF ALL EXTERIOR LOUVERS AND ROOF HOOD OPENINGS.
2. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPER LOCATIONS.
3. FIGURE IN BID ELECTRONIC BALANCING DAMPERS (YOUNG REGULATOR OR EQUAL) FOR ALL DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. ACCESS PORTS SHALL BE LOCATED IN NEAREST MECHANICAL SPACE OR IN THE CEILING SPACE ABOVE THE NEAREST GRID CEILING. ASSUME ALL DAMPERS LOCATED ABOVE CEILINGS AT SECURE AREAS WILL NEED ELECTRONIC BALANCING SYSTEM OR COORDINATE EXACT QUANTITIES WITH ARCHITECTURAL REFLECTED CEILING PLANS.
5. FIGURE IN BID 18"X18" ACCESS PANEL FOR ALL FIRE, SMOKE, AND FIRE-SMOKE DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS TO DETERMINE IF THE PANEL NEEDS TO BE SECURITY-RATED OR NOT.

1 / M101c — MECHANICAL FLOOR PLAN - SECTOR C
1/8" = 1'-0"

*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES & LEGEND.

KEY PLAN



*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/MANUFACTURING REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

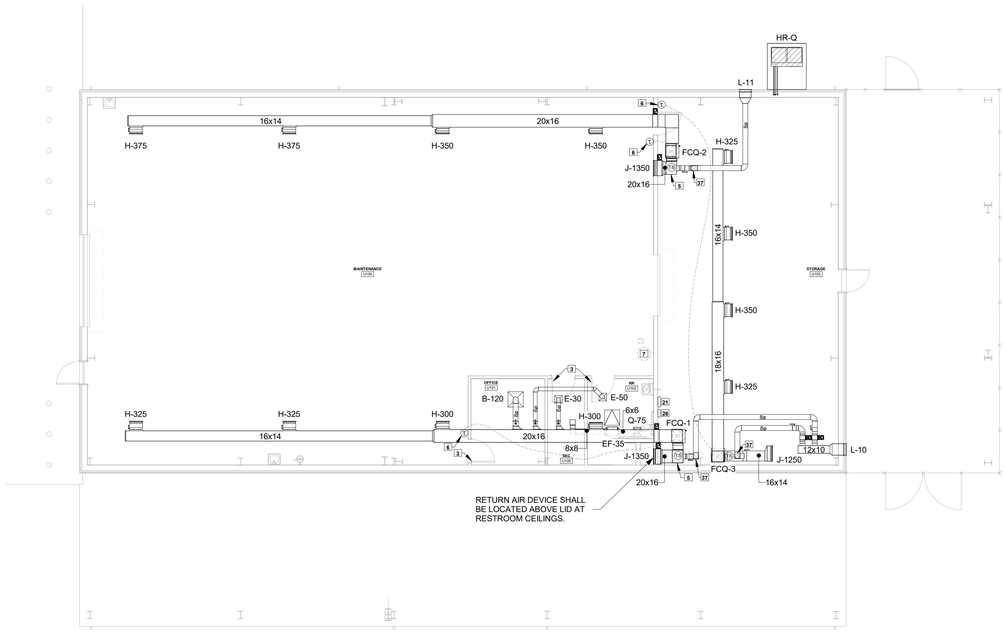
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL FLOOR PLAN - SECTOR C

SHEET NUMBER
M101c



1 M101d MECHANICAL SECTOR PLAN - MAINTENANCE BUILDING

1/8" = 1'-0"

*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

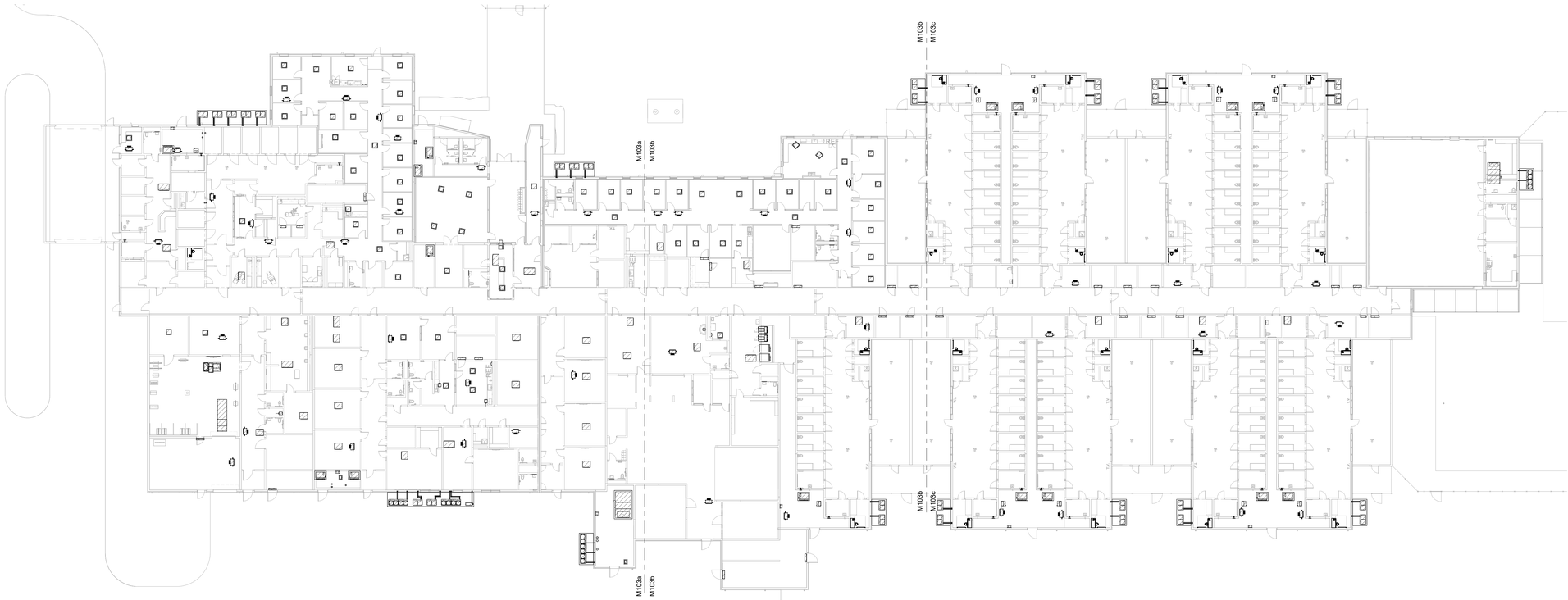
ISSUED FOR: REVIEW AND PRICING

PROJECT NO: 571506

MECHANICAL SECTOR PLAN - MAINTENANCE BUILDING

SHEET NUMBER

M101d



1 / M102 OVERALL FLOOR PLAN - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

3/64" = 1'-0"

Grace
Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR PRINTING REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

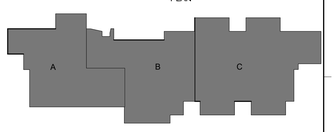
OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

KEY PLAN



OVERALL FLOOR PLAN - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

SHEET NUMBER

M102

EYRE ENGINEERING

PRINTED: 3-30-2026

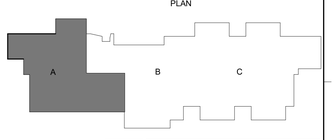
1 M102a

SECTOR A - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

1/8" = 1'-0"

*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

KEY PLAN



EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, IS AUTHORIZED TO DISTRIBUTE REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

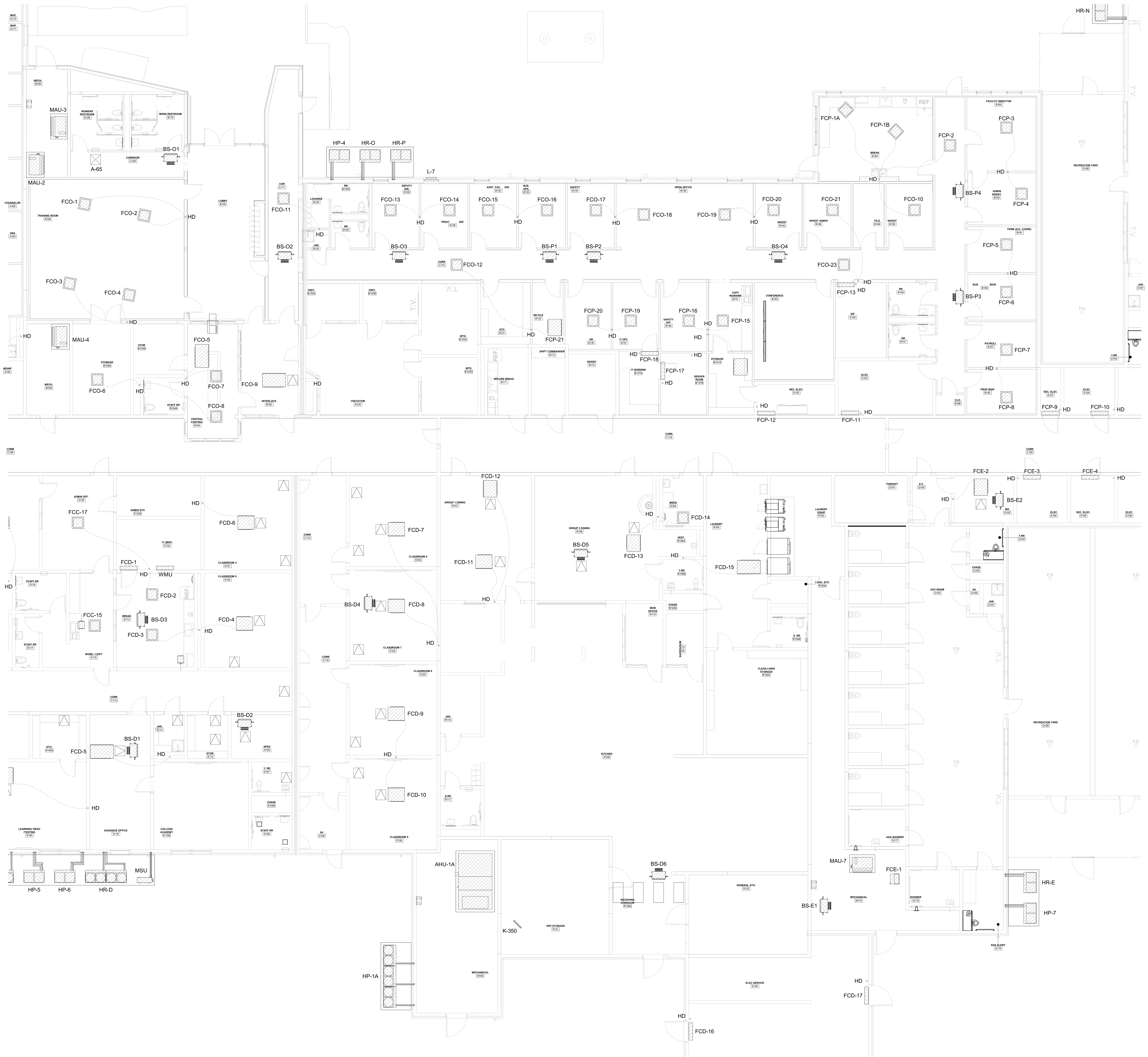
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

SECTOR A - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

SHEET NUMBER

M102a

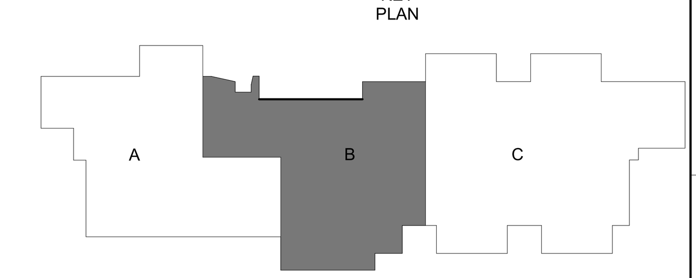


SECTOR B - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

1 / M102b

1/8" = 1'-0"

KEY PLAN



*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

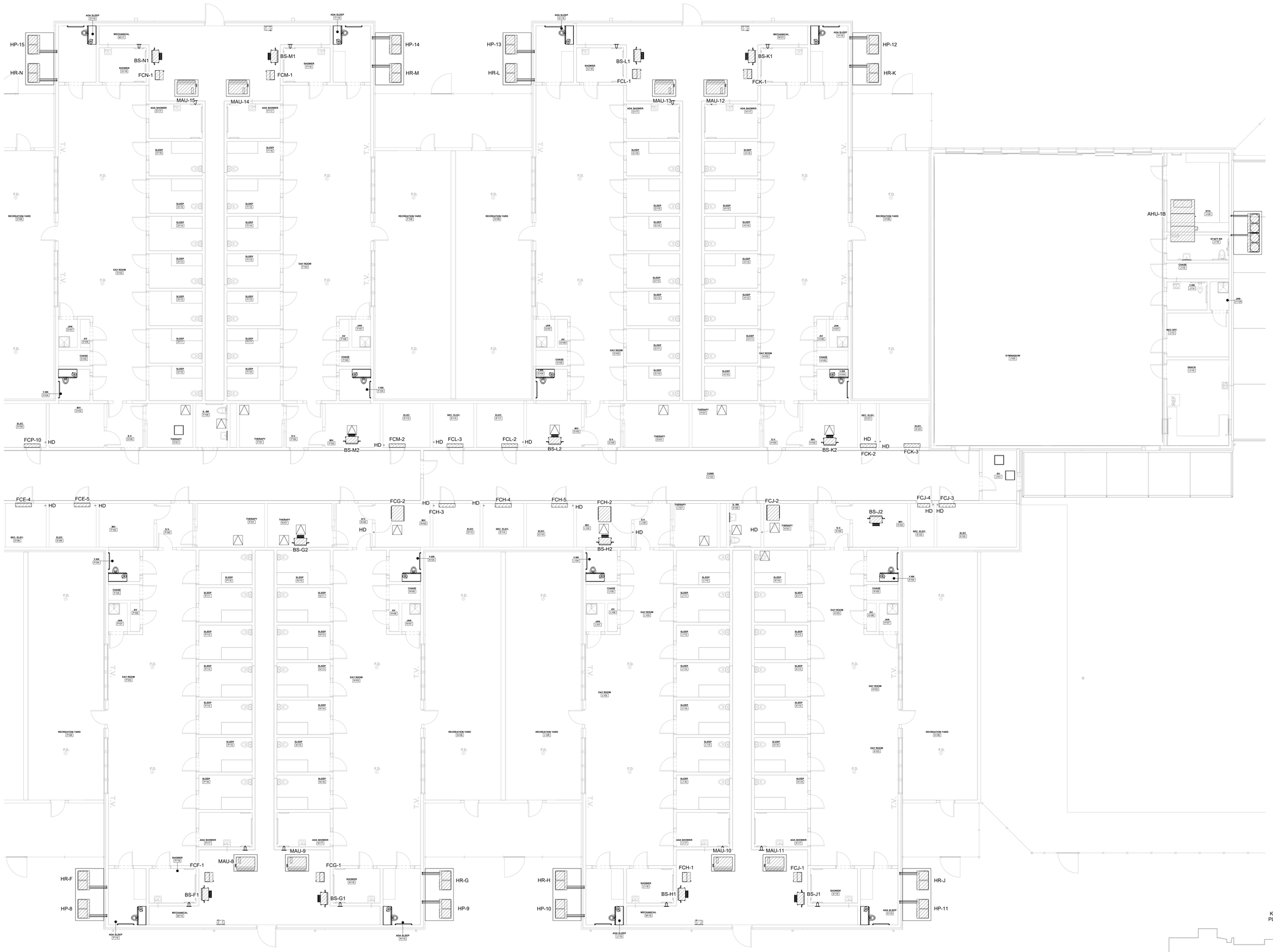
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

SECTOR B - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

SHEET NUMBER
M102b

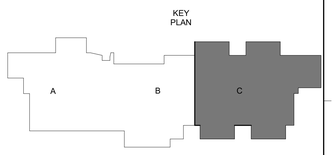


1 M102c

SECTOR C - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

1/8" = 1'-0"

KEY PLAN



*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC REPRODUCTION COMPANY OR PRINTING REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

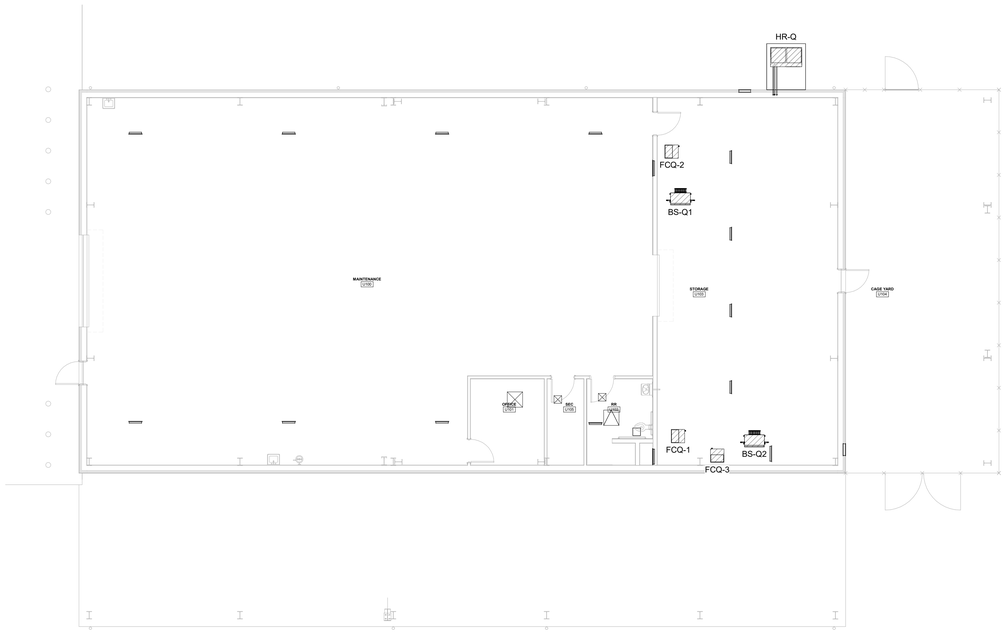
ISSUED FOR REVIEW AND PRICING

PROJECT NO: 571506

SECTOR C - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

SHEET NUMBER

M102c



1 M102d
1/8" = 1'-0"

MAINTENANCE BUILDING - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO REPRODUCE OR POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

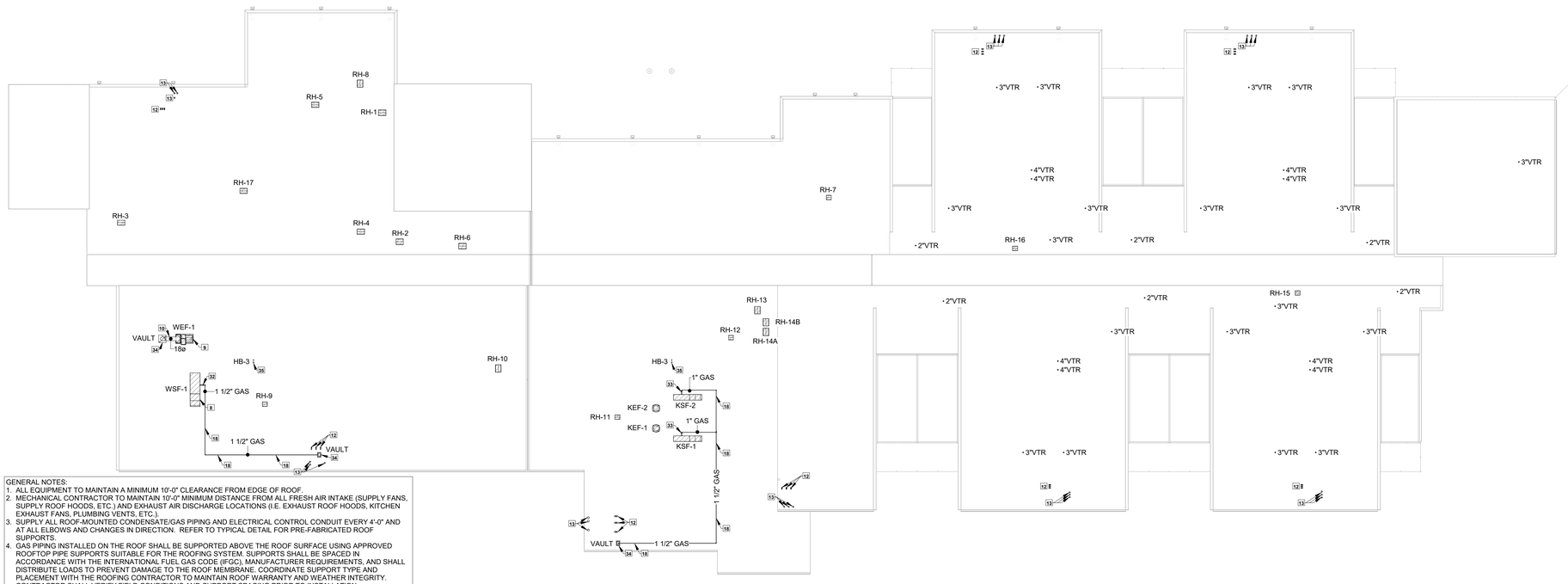
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MAINTENANCE BUILDING - HVAC CONDENSATE ROUTING AND BRANCH SELECTOR LOCATIONS

SHEET NUMBER

M102d



GENERAL NOTES:
1. ALL EQUIPMENT TO MAINTAIN A MINIMUM 10'-0" CLEARANCE FROM EDGE OF ROOF.
2. MECHANICAL CONTRACTOR TO MAINTAIN 10'-0" MINIMUM DISTANCE FROM ALL FRESH AIR INTAKE (SUPPLY FANS, SUPPLY ROOF HOODS, ETC.) AND EXHAUST AIR DISCHARGE LOCATIONS (I.E. EXHAUST ROOF HOODS, KITCHEN EXHAUST FANS, PLUMBING VENTS, ETC.).
3. SUPPLY ALL ROOF-MOUNTED CONDENSATE/GAS PIPING AND ELECTRICAL CONTROL CONDUIT EVERY 4'-0" AND AT ALL ELBOWS AND CHANGES IN DIRECTION. REFER TO TYPICAL DETAIL FOR PRE-FABRICATED ROOF SUPPORTS.
4. GAS PIPING INSTALLED ON THE ROOF SHALL BE SUPPORTED ABOVE THE ROOF SURFACE USING APPROVED ROOFTOP PIPE SUPPORTS SUITABLE FOR THE ROOFING SYSTEM. SUPPORTS SHALL BE SPACED IN ACCORDANCE WITH THE INTERNATIONAL FUEL GAS CODE (IFGC), MANUFACTURER REQUIREMENTS, AND SHALL DISTRIBUTE LOADS TO PREVENT DAMAGE TO THE ROOF MEMBRANE. COORDINATE SUPPORT TYPE AND PLACEMENT WITH THE ROOFING CONTRACTOR TO MAINTAIN ROOF WARRANTY AND WEATHER INTEGRITY. CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND SUPPORT SPACING PRIOR TO INSTALLATION.

1 M201 MECHANICAL ROOF PLAN

3/64" = 1'-0"

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR ANY CONSTRUCTION OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

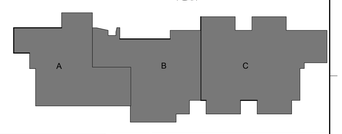
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL ROOF PLAN

SHEET NUMBER
M201

KEY PLAN



*REFER TO SHEET M001 FOR GENERAL MECHANICAL NOTES.
**REFER TO SHEET M100 FOR MECHANICAL PLAN KEYNOTES AND LEGEND.

EYRE ENGINEERING

PRINTED: 3-30-2026

AIR DISTRIBUTION DEVICE SCHEDULES

DEVICE TAG	BASIS OF DESIGN		CFM	FUNCTION	NECK SIZE	FACE SIZE	MATERIAL	FINISH	MAX N.C.	DESCRIPTION
	MANUFACTURER	MODEL								
A	PRICE	SERIES ASPD OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	6"	24x24	ALUMINUM	RE: ARCH	25	PLAQUE SUPPLY DIFFUSER
B	PRICE	SERIES ASPD OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	8"	24x24	ALUMINUM	RE: ARCH	25	PLAQUE SUPPLY DIFFUSER
C	PRICE	SERIES ASPD OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	10"	24x24	ALUMINUM	RE: ARCH	25	PLAQUE SUPPLY DIFFUSER
D	PRICE	SERIES ASPD OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	12"	24x24	ALUMINUM	RE: ARCH	25	PLAQUE SUPPLY DIFFUSER
E	PRICE	SERIES ASPD OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	6"	12x12	ALUMINUM	RE: ARCH	25	PLAQUE SUPPLY DIFFUSER
F	PRICE	SERIES 630 OR APPROVED EQUAL	SEE DRAWINGS	RETURN GRILLE	24x24	24x24	ALUMINUM	RE: ARCH	25	LOUVER FACE; 3/4" SPACING
G	PRICE	SERIES 630 OR APPROVED EQUAL	SEE DRAWINGS	RETURN GRILLE	48x24	48x24	ALUMINUM	RE: ARCH	25	LOUVER FACE; 3/4" SPACING
H	PRICE	SERIES 520-DAL OR APPROVED EQUAL	SEE DRAWINGS	SIDEWALL SUPPLY AIR DEVICE WITH FIRE DAMPER ON REAR (WHERE SHOWN - GREENHECK MODEL OFD150 OR EQUIVALENT - ACCESSIBLE FROM AIR DEVICE)	20x10	22x12	STEEL	RE: ARCH	25	DOUBLE DEFLECTION TYPE WITH ALUMINUM DAMPER ON REAR
J	PRICE	SERIES 96 OR APPROVED EQUAL	SEE DRAWINGS	SIDEWALL RETURN GRILLE WITH FIRE DAMPER ON REAR (WHERE SHOWN - GREENHECK MODEL OFD150 OR EQUIVALENT - ACCESSIBLE FROM AIR DEVICE)	24x20	26x22	STEEL	RE: ARCH	25	HEAVY DUTY GYM TYPE; 3/4" SPACING
K	PRICE	SERIES 96 OR APPROVED EQUAL	SEE DRAWINGS	SIDEWALL RETURN GRILLE	22x10	24x12	STEEL	RE: ARCH	25	HEAVY DUTY GYM TYPE; 3/4" SPACING
L	PRICE	SERIES 96 OR APPROVED EQUAL	SEE DRAWINGS	SIDEWALL RETURN GRILLE	40x40	42x42	STEEL	RE: ARCH	25	HEAVY DUTY GYM TYPE; 3/4" SPACING
M	PRICE	SERIES 620-DAL OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY DIFFUSER	28x28	30x30	ALUMINUM	RE: ARCH	25	DOUBLE DEFLECTION TYPE WITH ALUMINUM DAMPER ON REAR
N	PRICE	SERIES PDDR OR APPROVED EQUAL	SEE DRAWINGS	SUPPLY GRILLE	14"	24x24	ALUMINUM	RE: ARCH	25	PERFORATED RETURN USED AS SUPPLY
O	PRICE	SERIES SDS100 OR APPROVED EQUAL	SEE DRAWINGS	LINEAR SUPPLY DIFFUSER	TWO (2) 1" SLOTS		ALUMINUM	RE: ARCH	25	LINEAR SLOT DIFFUSER, 4'-0" SECTION WITH SDAI100 PLENUM
P	PRICE	SERIES SDR100 OR APPROVED EQUAL	SEE DRAWINGS	LINEAR RETURN DIFFUSER	TWO (2) 1" SLOTS		ALUMINUM	RE: ARCH	25	LINEAR SLOT DIFFUSER, 4'-0" SECTION WITH SDAI100 PLENUM
Q	PRICE	SERIES 80 OR APPROVED EQUAL	SEE DRAWINGS	EGGCRATE EXHAUST DIFFUSER	10x10	12x12	ALUMINUM	RE: ARCH	30	EGGCRATE TYPE, ALUMINUM CORE, 1/2"x1/2"x1/2"
AA	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY SUPPLY GRILLE	10x10	12x12	STAINLESS STEEL	RE: ARCH	30	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER
BB	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY SUPPLY GRILLE	18x18	20x20	STAINLESS STEEL	RE: ARCH	30	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER
CC	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY SUPPLY GRILLE	22x22	24x24	STAINLESS STEEL	RE: ARCH	30	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER
DD	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY RETURN/EXHAUST GRILLE	10x10	12x12	STAINLESS STEEL	RE: ARCH	35	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER
EE	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY RETURN/EXHAUST GRILLE	18x18	20x20	STAINLESS STEEL	RE: ARCH	35	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER
FF	PRICE	SERIES MSRRG OR APPROVED EQUAL	SEE DRAWINGS	MAXIMUM SECURITY RETURN/EXHAUST GRILLE	22x22	24x24	STAINLESS STEEL	RE: ARCH	35	MAXIMUM SECURITY RISK RESISTANT; M1 BORDER

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE(S). CONTRACTOR SHALL PROVIDE AND INSTALL PLASTER FRAMES FOR GYPSUM BOARD CEILING INSTALLATION.
2. ALL GRILLES, REGISTERS, DIFFUSERS, ETC. TO COME WITH WHITE FINISH UNLESS OTHERWISE SPECIFIED BY ARCHITECT IN FIELD DURING CONSTRUCTION. FINISH SHOULD BE SUITABLE FOR PAINTING WITHOUT ANY ADDITIONAL PREPARATION.
3. NOT ALL AIR DEVICE TYPES NECESSARILY FOUND ON PLANS.
4. ALL AIR DEVICES TO BE OF ALUMINUM CONSTRUCTION UNLESS OTHERWISE NOTED IN SCHEDULES.
5. MANUFACTURER'S MODEL NUMBER TO REPRESENT QUALITY OF EQUIPMENT TO BE INSTALLED. NAILOR, KRUEGER, & TITUS ARE PRIOR APPROVED MANUFACTURERS.
6. PERFORMANCE DATA FOR ALL AIR DEVICES TO BE SUBMITTED TO ENGINEER BEFORE PRIOR APPROVAL IS AWARDED.
7. NAILOR, TITUS, METALAIRE, AND KRUGER - OTHER APPROVED MANUFACTURERS
8. ALL AIR DEVICES LOCATED WITHIN 24x24 CEILING GRID (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN) TO HAVE 24x24 PANEL THAT FITS WITHIN GRID IF AIR DEVICE IS NOT 24x24 (12x12 AIR DEVICE TO HAVE 24x24 PANEL).
9. ALL AIR DEVICE SIZES AS NOTED ON SCHEDULE UNLESS OTHERWISE NOTED ON DRAWINGS.
10. FIGURE IN BID PROVIDING SQUARE TO ROUND TRANSITIONS AND/OR REDUCER ON REAR OF ALL AIR DISTRIBUTION DEVICES.
11. FIGURE IN BID CUSTOM COLOR FOR ALL AIR DEVICES NOTED "RE: ARCH". ARCHITECT TO SELECT COLOR DURING SUBMITTAL PROCESS.
12. ALL LINEAR DIFFUSERS TO COME WITH FACTORY INSTALLED INTERNALLY LINED PLENUMS WITH SLOPED SHOULDERS ON REAR.
13. MOUNT ALL LINEAR DIFFUSERS (SUPPLY & RETURN) WITH CONCEALED FASTENERS.
14. REFER TO CONSTRUCTION DOCUMENTS FOR EXACT LENGTH OF LINEAR SLOT DIFFUSERS, PROVIDE MITERED CORNERS IF SHOWN.

THE FOLLOWING BRANCH DUCT SIZING CHART SHALL BE USED FOR CONVENIENCE TO THE CONTRACTOR WHERE ROUND BRANCH DUCT SIZES ARE NOT TAGGED:

A. 6"
B. 8"
C. 10"
D. 12"
E. 6"

PRICING NOTE:

1. CONTRACTOR SHALL PRICE UP THE SECURITY AIR DEVICES WITH THE TWO FOLLOWING OPTIONS:
   - A. BASE BID:
     - a. STAINLESS STEEL SECURITY AIR DEVICES ONLY REQUIRED IN WET AREAS
     - b. PROVIDE STEEL WITH EPOXY COATING FOR ALL SECURITY AIR DEVICES LOCATED OUTSIDE OF WET AREAS
   - B. ALTERNATE:
     - a. ALL SECURITY AIR DEVICES SHALL BE STAINLESS STEEL AS SCHEDULED

VARIABLE REFRIGERANT FLOW OUTDOOR UNIT SCHEDULES - HEAT RECOVERY

UNIT TAGS (IN/OUT)	TONS	PERFORMANCE DATA					UNIT WIRING (SEE BELOW FOR CONNECTION POINTS)				UNIT TYPE	COMPRESSOR TYPE	EER	IEER	COP	WEIGHT (LBS)	BASIS OF DESIGN	
		REFR.	COOLING CAPACITY (MBH)	COOLING CAP. MODULE #1/ MODULE #2 (MBH)	HEATING CAPACITY (MBH)	HEATING CAP. MODULE #1/ MODULE #2 (MBH)	VOLTAGE	M.C.A. (MODULE #1/ MODULE #2)	M.O.P. (MODULE #1/ MODULE #2)	RECOMMENDED FUSE SIZE (MODULE #1/ MODULE #2)							MANUFACTURER	MODEL NUMBER
HR-A	14	R32	168,000	-	188,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	11.65	21.8	3.63	850	TRANE/MITSUBISHI	MODEL PURY-EM168YXU-A OR APPROVED EQUAL
HR-B	12	R32	144,000	-	160,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	11.65	21.8	3.63	850	TRANE/MITSUBISHI	MODEL PURY-EM144YXU-A OR APPROVED EQUAL
HR-C	28	R32	336,000	168,000/168,000	378,000	188,000/188,000	480/3/60	31A/31A	50A/50A	35A/35A	HEAT RECOVERY	INVERTER SCROLL	10.7	20.8	3.34	1,750	TRANE/MITSUBISHI	MODEL PURY-EM336YSXU-A OR APPROVED EQUAL
HR-D	28	R32	336,000	168,000/168,000	378,000	188,000/188,000	480/3/60	31A/31A	50A/50A	35A/35A	HEAT RECOVERY	INVERTER SCROLL	10.7	20.8	3.34	1,750	TRANE/MITSUBISHI	MODEL PURY-EM336YSXU-A OR APPROVED EQUAL
HR-E	12	R32	144,000	-	160,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	12.55	21.2	3.85	850	TRANE/MITSUBISHI	MODEL PURY-EM144YXU-A OR APPROVED EQUAL
HR-F	6	R32	72,000	-	80,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	14.75	22.2	4.35	700	TRANE/MITSUBISHI	MODEL PURY-EM72YXU-A OR APPROVED EQUAL
HR-G	6	R32	72,000	-	80,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	14.75	22.2	4.35	700	TRANE/MITSUBISHI	MODEL PURY-EM72YXU-A OR APPROVED EQUAL
HR-H	12	R32	144,000	-	160,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	12.55	21.2	3.85	850	TRANE/MITSUBISHI	MODEL PURY-EM144YXU-A OR APPROVED EQUAL
HR-J	12	R32	144,000	-	135,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	12.55	21.7	3.85	850	TRANE/MITSUBISHI	MODEL PURY-EM144YXU-A OR APPROVED EQUAL
HR-K	8	R32	96,000	-	108,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	11.7	22.5	3.85	750	TRANE/MITSUBISHI	MODEL PURY-EM96YXU-A OR APPROVED EQUAL
HR-L	6	R32	72,000	-	80,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	11.7	22.5	4.20	750	TRANE/MITSUBISHI	MODEL PURY-EM72YXU-A OR APPROVED EQUAL
HR-M	6	R32	72,000	-	80,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	11.8	22.2	4.35	700	TRANE/MITSUBISHI	MODEL PURY-EP072YNU-A1 OR APPROVED EQUAL
HR-N	6	R32	72,000	-	80,000	-	480/3/60	22A	35A	25A	HEAT RECOVERY	INVERTER SCROLL	11.8	22.2	4.35	700	TRANE/MITSUBISHI	MODEL PURY-EP072YNU-A1 OR APPROVED EQUAL
HR-O	14	R32	168,000	-	188,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	10.0	21.2	3.63	850	TRANE/MITSUBISHI	MODEL PURY-EM168YXU-A OR APPROVED EQUAL
HR-P	14	R32	168,000	-	188,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	10.0	21.2	3.63	850	TRANE/MITSUBISHI	MODEL PURY-EM168YXU-A OR APPROVED EQUAL
HR-Q	12	R32	144,000	-	160,000	-	480/3/60	31A	50A	35A	HEAT RECOVERY	INVERTER SCROLL	10.0	21.2	3.85	850	TRANE/MITSUBISHI	MODEL PURY-EM144YXU-A OR APPROVED EQUAL

GENERAL NOTES:

1. PROVIDE SIX YEAR COMPRESSOR WARRANTY.
2. PROVIDE 2-YEAR PARTS WARRANTY.
3. UNITS SHALL HAVE SIMULTANEOUS OPERATION OF HEATING AND COOLING.
4. PROVIDE HYDROPHILIC COATED CONDENSER COIL TO PREVENT CORROSION.
5. PROVIDE VARIABLE FREQUENCY DRIVE CONTROLLED OUTDOOR MOTOR FAN.
6. PROVIDE FACTORY SET SUCTION TEMPERATURE.
7. CONTRACTOR TO PROVIDE & INSTALL CONTROL WIRE FROM CONDENSING UNITS TO RESPECTIVE FAN COILS WITH REFRIGERANT PIPE.
8. ALL REFRIGERANT PIPE TO BE SUPPORTED. REFER TO REFRIGERANT PIPE HANGER DETAIL.
9. APPROVED MANUFACTURERS: DAIKIN, LG, TRANE/MITSUBISHI

Grace Design Studios

HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL MECHANICAL ENGINEER
IN
STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR CONSTRUCTION/REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M301

EYRE ENGINEERING

PRINTED: 3-30-2026

VARIABLE REFRIGERANT VOLUME FAN COIL UNITS - HEAT RECOVERY

TAG(S)	QUANTITY (#)	FAN DATA			UNIT PERFORMANCE				UNIT TYPE	ELEC. DATA (SINGLE POINT CONNECTION)			COND. DRAIN LINE (IN.)	WEIGHT (LBS)	BASIS OF DESIGN
		SUPPLY CFM (L/M/H)	OUTSIDE AIR CFM	E.S.P. (RATED)	COOLING CAPACITY (MBH)	COOLING AMPS	HEATING CAPACITY (MBH)	HEATING AMPS		VOLTAGE	M.C.A. (AMPS)	M.O.P. (AMPS)			
FCA-1,6	2	265/315/390	-	N/A	8,000	0.22	9,000	0.17	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M08NFMU-A OR APPROVED EQUAL
FCA-2,3	2	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCA-4	1	883/1077/1271	-	0.6"	36,000	2.01	40,000	2.01	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M36NMAU-A OR APPROVED EQUAL
FCA-5	1	980/1190/1400	-	0.6"	48,000	-	54,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M48NAMU-A OR APPROVED EQUAL
FCA-7	1	883/1077/1271	-	0.6"	30,000	2.01	34,000	2.01	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M30NMAU-A OR APPROVED EQUAL
FCA-8,9	2	141/162/191/237	-	N/A	8,000	0.3	9,000	0.2	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M08NLMU-A OR APPROVED EQUAL
FCA-10	1	152/191/244/297	-	N/A	12,000	0.4	13,500	0.3	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M12NLMU-A OR APPROVED EQUAL
FCB-1-12,14,15,18-21	18	230/265/280	-	N/A	5,000	0.19	5,600	0.14	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M05NFMU-A OR APPROVED EQUAL
FCB-13,16,17	3	265/315/390	-	N/A	8,000	0.22	9,000	0.17	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M08NFMU-A OR APPROVED EQUAL
FCC-1,9,11-13	5	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCC-2,6,14	3	618/742/883	-	0.6"	24,000	1.24	27,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M24NMAU-A OR APPROVED EQUAL
FCC-3,16,17	3	265/315/390	-	N/A	8,000	0.22	9,000	0.17	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M08NFMU-A OR APPROVED EQUAL
FCC-4,15	2	230/265/280	-	N/A	5,000	0.19	5,600	0.14	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M05NFMU-A OR APPROVED EQUAL
FCC-5	1	883/1077/1271	-	0.6"	36,000	2.01	40,000	2.01	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M36NMAU-A OR APPROVED EQUAL
FCC-7,8	2	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCC-10	1	918/1112/1306	-	0.6"	48,000	2.06	54,000	2.06	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M48NMAU-A OR APPROVED EQUAL
FCD-1	1	152/191/244/297	-	N/A	12,000	0.4	13,500	0.3	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M12NLMU-A OR APPROVED EQUAL
FCD-2,3,14	3	230/265/280	-	N/A	5,000	0.19	5,600	0.14	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M05NFMU-A OR APPROVED EQUAL
FCD-6,8,10	3	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCD-4,7,9,11	4	618/742/883	-	0.6"	24,000	1.24	27,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M24NMAU-A OR APPROVED EQUAL
FCD-5,12,13,15	4	883/1077/1271	-	0.6"	30,000	2.01	34,000	2.01	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M30NMAU-A OR APPROVED EQUAL
FCD-16,17	2	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCE-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCE-2	1	618/742/883	-	0.6"	24,000	1.24	27,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M24NMAU-A OR APPROVED EQUAL
FCE-3,4,5	3	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCF-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCG-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCG-2	1	618/742/883	-	0.6"	24,000	1.24	27,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M24NMAU-A OR APPROVED EQUAL
FCH-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCH-2	1	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCH-3-5	3	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCJ-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCJ-2	1	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.1	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCJ-3,4	2	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCK-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCK-2	1	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCK-3	1	141/162/191/237	-	N/A	8,000	0.3	9,000	0.2	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M08NLMU-A OR APPROVED EQUAL
FCL-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCL-2,3	2	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCM-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL
FCM-2	1	240/293/360/438	-	N/A	18,000	0.5	20,000	0.4	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M18NLMU-A OR APPROVED EQUAL
FCN-1	1	1040/1262/1485	-	0.6"	54,000	-	60,000	-	MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL

GENERAL NOTES:

1. PROVIDE BUILT-IN DRAIN PUMP FOR ALL FAN COILS.
2. PROVIDE 2 YEAR PARTS WARRANTY.
3. PROVIDE WASHABLE LONG LIFE FILTER WITH MILDEW PROOF RESIGN.
4. PROVIDE THERMOSTAT SECURELY ANCHORED TO WALL. REFER TO PLAN FOR LOCATION. REFER TO SPECIFICATIONS.
5. ALL PKFY MODEL FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-IRIB-36 AIR PURIFIERS.
6. ALL DUCTED CONCEALED FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC24-AC AUTOCLEANING AIR PURIFIERS.
7. ALL MULTI-POSITION AIR HANDLING UNIT FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC24-AC AUTOCLEANING AIR PURIFIERS.
8. ALL CEILING CASSETTE FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC3T-BAS AIR PURIFIERS.
9. INTEGRATE ALL BIPOLAR IONIZATION DEVICES INTO TEMPERATURE CONTROLS SYSTEM, REFER TO SPECIFICATION 230900. REFER TO SPECIFICATION 233500.
10. APPROVED MANUFACTURERS: LG, DAIKIN

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR ELECTRONIC BIDDING SERVICE OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M302

LOUVER SCHEDULES

LOUVER TAG	SERVICE	BASIS OF DESIGN	MATERIAL	SIZE	CFM	FREE AREA MIN. (FT2)	VEL. (FT/MIN)	APD (IN.WC)	BPWP (FT/MIN)	MOTORIZED DAMPER
L-1	INTAKE AIR AT MAU-1,7	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	48"x18"x9"	1,200	2.51	478	0.08	974	NO
L-2	INTAKE AIR AT MAU-5&6; 8&9; 10&11; 12&13; 14&15	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	60"x24"x9"	2,400	4.77	503	0.08	974	NO
L-3	INTAKE AIR AT AHU-1	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	72"x18"x9"	1,850	3.64	509	0.09	974	NO
L-4	INTAKE AIR AT AHU-2	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	24"x18"x9"	500	1.12	445	0.07	974	NO
L-5	EXHAUST AT EF-1	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	12"x12"x9"	75	0.22	343	0.04	974	NO
L-6	EXHAUST AT EF-2	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	24"x12"x9"	300	0.57	524	0.08	974	NO
L-7	EXHAUST AT EF-8,9,10,11	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	24"x12"x9"	250	0.57	436	0.06	974	NO
L-8	EXHAUST AIR FOR ENERGY RECOVERY VENTILATORS	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	42"x18"x9"	1,000	2.16	462	0.07	974	NO
L-9	EXHAUST AT EF-31	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	18"x12"x9"	200	0.4	505	0.08	974	NO
L-10	INTAKE AT FCQ-1 AND FCQ-3	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	18"x12"x9"	200	0.4	505	0.08	974	NO
L-11	INTAKE AT FCQ-1 AND FCQ-2	GREENHECK MODEL EHV-901 OR APPROVED EQUAL	ALUMINUM	18"x12"x9"	100	0.5	253	0.02	974	NO

GENERAL NOTES:

1. ALL LINE VOLTAGE WIRING AND INTERLOCK BY ELECTRICAL CONTRACTOR.
2. LOUVER TO HAVE 70% KYNAR FINISH, COLOR TO BE SELECTED BY ARCHITECT/ENGINEER.
3. LOUVERS SHALL HAVE THE FOLLOWING:
   A. DRAINABLE BLADES
   B. BIRDSCREEN
   C. CHANNEL FRAMES (SEE NOTED BELOW)
   D. EXTENDED SILLS (CHANNEL FRAME LOUVERS ONLY)
   E. SECURITY BARS ON REAR OF ALL LOUVERS
4. REFER TO TYPICAL LOUVER DETAILS.
5. LOUVERS TO BE FLORIDA PRODUCT APPROVED.
6. APPROVED MANUFACTURERS: POTTORFF, RUSKIN.
7. ALL LOUVERS WITHIN METAL PANELS TO BE FULLY FLANGED (NO EXTENDED SILL), ALL OTHER LOUVERS TO HAVE CHANNEL FRAME WITH EXTENDED SILLS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT BUILDING MATERIAL.
8. EHV-901 IS A HIGH VELOCITY WIND DRIVEN RAIN LOUVER DESIGNED TO PROTECT INTAKE AND EXHAUST OPENINGS IN BUILDING EXTERIOR WALLS. EHV-901 IS TESTED IN ACCORDANCE WITH AMCA 500-L AIR PERFORMANCE, WATER PENETRATION AND WIND DRIVEN RAIN. EHV-901 IS TESTED IN ACCORDANCE WITH AMCA 540 TEST METHOD FOR LOUVERS IMPACTED BY WIND BORNE DEBRIS (BASIC PROTECTION, MISSILE D AND ENHANCED PROTECTION, MISSILE E). EHV-901 IS TESTED IN ACCORDANCE WITH AMCA 550 TEST METHOD FOR HIGH VELOCITY WIND DRIVEN RAIN RESISTANT LOUVERS. EHV-901 IS LICENSED TO BEAR THE AMCA SEAL.

ENERGY RECOVERY VENTILATOR (ERV) SCHEDULE

ERV TAG	SERVICE	CORE	FRESH AIR			EXHAUST AIR			SUMMER PERFORMANCE								WINTER PERFORMANCE								ELECTRICAL							BASIS OF DESIGN
			CFM	ESP	FILTER RATING	CFM	ESP	FILTER RATING	ROOM EXHAUST		OUTSIDE AIR		SUPPLY AIR				ROOM EXHAUST		OUTSIDE AIR		SUPPLY AIR				SUPPLY AIR MOTOR		EXHAUST AIR MOTOR		VOLTAGE	MCA	MOP	
									D.B. (F)	REL. HUM. (%RH)	D.B. (F)	W.B. (F)	D.B. (F)	W.B. (F)	TOTAL HEAT RECOVERED (BTUH)	ENTHALPY RECOVERY RATIO (%)	D.B. (F)	REL. HUM. (%RH)	D.B. (F)	W.B. (F)	D.B. (F)	W.B. (F)	TOTAL HEAT RECOVERED (BTUH)	ENTHALPY RECOVERY RATIO (%)	HP	FLA	HP	FLA				
ERV	SEE DWGS.	ENERGY WHEEL	1200	0.75	MERV-8	1000	0.75	MERV-8	75	50	94	80.3	80.2	68.8	58,920	69.3	72	35	27.6	23.2	59.0	47.4	41,034	68.6	3/4	-	1/2	-	208/1/60	15.4	20	GREENHECK ERV-20-15L OR APPROVED EQUAL

GENERAL NOTES:
1.PROVIDE AND INSTALL 2" MERV-8 PLEATED DISPOSABLE FILTERS FOR OA INTAKE.
2.UNIT SHALL HAVE SINGLE POINT ELECTRICAL CONNECTIONS AND SHALL BE UL 1812 LISTED.
3.SUSPEND UNIT FROM STRUCTURE WITH SPRING TYPE VIBRATION ISOLATION, 0.75" STATIC DEFLECTION.
4.PROVIDE AND INSTALL 24V-120V RELAY TO ENERGIZE UNIT IN AHU OCCUPIED MODE. ERV SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS.
5. ERV OCCURS MULTIPLE THROUGHOUT BUILDING. COORDINATE EXACT QUANTITIES WITH DRAWINGS.

EXHAUST FAN SCHEDULES

FAN TAG	LOCATION	SERVICE	CFM	E.S.P. (IN.)	TYPE	FAN R.P.M.	SONES	MOTOR DATA					BASIS OF DESIGN	CONTROLS	WEIGHT
								HP	WATTS	ENCL.	VOLTAGE	R.P.M.			
EF-1,17,18,20,21,24,25,28,32,33,35	CEILING SPACE	SEE DRAWINGS	75	0.25	INLINE	1298	2.0	1/15	-	TENV	120/1/60	1750	GREENHECK MODEL SQ-70-VG OR PRIOR APPROVED EQUAL	BUILDING EMS; TIME OF DAY SCHEDULE	40
EF-2,3	CEILING SPACE	SEE DRAWINGS	350	0.25	INLINE	1101	2.2	1/6	-	TENV	120/1/60	1750	GREENHECK MODEL SQ-95-VG OR PRIOR APPROVED EQUAL	BUILDING EMS; TIME OF DAY SCHEDULE	60
EF-4,5,8,11-14,19,22,26,27,29,34	CEILING	SEE DRAWINGS	75	0.25	CABINET	883	0.9	-	14	TEAO	120/1/60	950	GREENHECK MODEL SP-A110 OR PRIOR APPROVED EQUAL	BUILDING EMS; INTERCONNECT WITH LIGHT SWITCH	35
EF-6,9,10,23	CEILING	SEE DRAWINGS	50	0.25	CABINET	773	0.3	-	7	TEAO	120/1/60	900	GREENHECK MODEL SP-A90 OR PRIOR APPROVED EQUAL	BUILDING EMS; INTERCONNECT WITH LIGHT SWITCH	35
EF-7	CEILING SPACE	SEE DRAWINGS	150	0.25	INLINE	1438	2.0	1/15	-	TENV	120/1/60	1750	GREENHECK MODEL SQ-70-VG OR PRIOR APPROVED EQUAL	BUILDING EMS; TIME OF DAY SCHEDULE	40
EF-15,16	CEILING	SEE DRAWINGS	150	0.25	CABINET	709	1.1	-	26	TEAO	120/1/60	900	GREENHECK MODEL SP-A200 OR PRIOR APPROVED EQUAL	BUILDING EMS; INTERCONNECT WITH LIGHT SWITCH	40
EF-30	EXPOSED	SEE DRAWINGS	300	0.25	CABINET	908	2.0	-	90	TEAO	120/1/60	1000	GREENHECK MODEL SP-A410 OR PRIOR APPROVED EQUAL	BUILDING EMS; INTERCONNECT WITH LIGHT SWITCH	55
EF-31	CEILING SPACE	SEE DRAWINGS	200	0.25	INLINE	1062	1.6	1/10	-	TENV	120/1/60	1725	GREENHECK MODEL SQ-90-VG OR PRIOR APPROVED EQUAL	BUILDING EMS; TIME OF DAY SCHEDULE	50
WEF-1	ROOF	WELDING SHOP	4,200	4.0"	AIRFOIL UTILITY SET	1810	24	5	-	TEFC	480/3/60	3600	GREENHECK MODEL QEI-15 OR PRIOR APPROVED EQUAL	BUILDING EMS; TIME OF DAY SCHEDULE	500

GENERAL NOTES:
1. PROVIDE ALL EXHAUST FANS WITH BACKDRAFT DAMPERS & INTEGRAL DISCONNECTS.
2. CO-ORDINATE WITH ELECTRICAL CONTRACTOR ON CONNECTION OF FAN, REFER TO SCHEDULES.
3. MANUFACTURER'S MODEL NUMBER REPRESENTS QUALITY OF EQUIPMENT TO BE INSTALLED, THIS PROJECT.
4. ALL CABINET/INLINE FANS TO HAVE INSULATED FAN HOUSINGS.
5. SOME FANS APPEAR MORE THAN ONCE IN PROJECT. REFER TO DRAWINGS.
6. PROVIDE SPEED CONTROLLERS AT ALL DIRECT DRIVE FANS FOR AIR BALANCING.
7. ALL FANS SHALL BE ALL ALUMINUM CONSTRUCTION (FAN HOUSING, ETC.).
8. EQUIPMENT SHALL BE RATED A MINIMUM OF 75°C(5) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) ARTICLE 110.14.
9. ALL MOTORS SHALL HAVE SHAFT GROUNDING RINGS.
10. CONTRACTOR SHALL SUPPLY ALL REQUIRED PULLEY'S & SHEAVES AS TO BALANCE AIR TO SPECIFIED CFM. PROVIDE ADDITIONAL PULLEY'S AND SHEAVES AS REQUIRED. APPLICABLE TO ALL FANS WITH BELT DRIVEN MOTORS.
11. ALL REMOTE START/STOP SWITCHES THAT CONTROL EXHAUST FANS SHALL HAVE A PILOT LIGHT.
12. PROVIDE STEP DOWN TRANSFORMER (BY UNIT MANUFACTURER, SIZED FOR FAN ONLY) FOR ALL FANS INTERCONNECTED WITH LIGHTS.
13. TOTAL STATIC PRESSURE INCLUDES PRESSURE DROP ACROSS WALL HOUSING, BACKDRAFT DAMPER, AND WEATHERHOOD.
14. FAN MOTORS SHALL BE SUITABLE FOR USE WITH VFD'S.
15. APPROVED MANUFACTURERS: TWIN CITY, COOK, PENNBARRY.

GREENHECK SP FAN ACCESSORIES:
1. MOTORS WITH THERMAL OVERLOAD
2. UL 507 LISTED
3. FAN SPEED CONTROLLER FACTORY MOUNTED AND WIRED INSIDE FAN HOUSING
4. INSULATED FAN HOUSING
5. DESIGNER GRILLE
6. HANGING ISOLATION KIT.

GREENHECK SQ FAN ACCESSORIES:
1. INSULATED FAN HOUSING
2. EC MOTOR WITH FACTORY WIRED AND EXTERNALLY MOUNTED SPEED CONTROLLER (VARI-GREEN DIAL)
3. GRAVITY BACKDRAFT DAMPER
4. FACTORY MOUNTED AND WIRED DISCONNECT SWITCH
5. SPRING HANDING ISOLATORS AND BRACKETS
6. UL 705 LISTED
7. UL 507 LISTED

GREENHECK CUE FAN ACCESSORIES:
DIRECT DRIVE (CUE) UPBLAST CENTRIFUGAL ROOF EXHAUST FAN
1. STANDARD CONSTRUCTION FEATURES:
2. ALUMINUM HOUSING
3. BACKWARD INCLINED ALUMINUM WHEEL
4. CURB CAP WITH PREPUNCHED MOUNTING HOLES
5. MOTOR AND DRIVES ISOLATED ON SHOCK MOUNTS
6. DRAIN TROUGH
7. BALL BEARING MOTORS
8. CORROSION RESISTANT FASTENERS INTERNAL
9. BAKED ENAMEL FINISH—COLOR SELECTED BY ARCHITECT.

SELECTED OPTIONS & ACCESSORIES
1. ECM MOTOR WITH DIAL FOR BALANCING
2. SWITCH, NEMA–1, TOGGLE
3. JUNCTION BOX MOUNTED & WIRED
4. CURB SEAL
5. GRAVITY OPERATED BACKDRAFT DAMPER.
6. BIRDSCREEN: ALUMINUM
7. ROOF CURB — 18" TALL — ALUMINUM CONSTRUCTION.

DUCTLESS MINI-SPLIT SCHEDULE (HEAT PUMP)

UNIT TAGS (IN/OUT)	LOCATION	TONS	MBH COOLING	MBH HEATING	TYPE	FAN DATA (INDOOR UNIT)				HEAT PUMP DATA					SEER	COP	NPSF	BASIS OF DESIGN	
						SUPPLY CFM SUPERLO-LO-MED-HI	FLA	MCA	VOLTAGE	COMP. RLA	COND. FAN FLA	MCA	MOP	VOLTAGE				MANUFACTURER	MODEL NUMBER (INDOOR/OUTDOOR)
WMU/ MSU	SEE DWGS.	1.5	18.0	20.0	WALL MOUNT	310-450-650-680	0.36	1.0	208/1/60	7.0	0.5	11	30	208/1/60	24.6	4.28	11.0	MITSUBISHI	ERU-1 TO BE MODEL # PKA-A18HA7/ECU-1 TO BE MODEL #PUZ-A18NKA7 OR APPROVED EQUAL

GENERAL NOTES:
1.INSTALL UNIT ON 6" TALL CONCRETE HOUSEKEEPING PAD WITH NEOPRENE VIBRATION ISOLATION PADS (UNLESS OTHERWISE NOTED ON DRAWINGS). PAD TO BE AT SAME ELEVATION AS BUILDING SLOPED AWAY FROM BUILDING FOR DRAINAGE.
2.ALL REFRIGERANT LINES TO BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3.ALL EXTERIOR INSULATION ON REFRIGERANT LINES TO BE COVERED WITH UV RESISTANT PVC JACKETS (OR PAINTED WITH 2 COATS OF UV INHIBITOR COATING).
4.CONTRACTOR TO PROVIDE ALL MANUFACTURER RECOMMENDED ACCESSORIES AND MEET ALL MANUFACTURER RECOMMENDED CLEARANCES.
5.UNITS TO HAVE R-410a REFRIGERANT.
6.PROVIDE LOW-AMBIENT OPERATION KIT.
7.UNIT TO HAVE SINGLE POINT POWER CONNECTION AND REMOTE WALL MOUNTED THERMOSTAT, LOCATE AS SHOWN ON DRAWINGS OR ADJACENT TO LIGHT SWITCH.
8.UNIT TO BE INVERTER TYPE.

ELECTRIC UNIT HEATER SCHEDULE

UNIT TAG	LOCATION	CFM	KW	BTUH	STAGES	RPM	VOLTAGE	TEMPERATURE RISE (F)	MOUNTING	BASIS OF DESIGN
EUH-1	SPRINKLER RISER	400	3.5	11942	1	1030	480/3/60	40 DEGREES	HORIZONTAL	MARKEL MODEL 5100 SERIES OR PRIOR APPROVED EQUAL

GENERAL NOTES:
1.ALL HEATERS TO BE MOUNTED FROM STRUCTURE ABOVE.
2.HEATERS LOCATED WITHIN SPRINKLER RISER ROOM TO BLOW ACROSS SPRINKLER RISER.
3.PROVIDE REMOTE THERMOSTATS FOR ALL HEATERS.
4.EQUIPMENT SHALL BE RATED A MINIMUM OF 75°(C) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE NEC ARTICLE 110.14.

EYRE ENGINEERING
PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M303

PROVIDE ELECTRIC REHEAT AT GYM AND KITCHEN

AIR HANDLING UNIT SCHEDULE

TAG	LOCATION	AREA SERVED	FAN DATA				MOTOR DATA			REFRIGERANT COIL DATA											ELEC. HEAT DATA					ELEC. DATA (SINGLE POINT...			COND. DRAIN LINE (IN.)	WEIGHT (LBS.)	BASIS OF DESIGN
			TOTAL SUPPLY CFM	OUTSIDE AIR CFM	E.S.P.	RPM	H.P.	VOLTAGE	RPM	MAX FACE VELOCITY (FPM)	SENSIBLE CAPACITY (M.B.H.)	TOTAL CAPACITY (M.B.H.)	AIR ENT.		AIR LVG.		ROWS	FIN SPACING (PER FOOT)	MAX AIR PRESSURE DROP	SUCTION TEMP.	AMBIENT TEMP.	KW	MBH	STAGES	ENT. D.B.	LVG. D.B.	VOLTAGE	MCA	MOP			
													D.B.	W.B.	D.B.	W.B.															
AHU-1A	MECH. ROOM	KITCHEN	11,500	1,850	1.5"	1809	8	480/3/60	-	500	277.4	389.7	76.0	65.0	55.0	53.1	6	101	1.0"	45	95	REFER TO HEAT PUMP DATA					480/3/60	18.3	25	1-1/2"	2,250	TRANE CSAA025 OR APPROVED EQUAL
AHU-1B	MECH. MEZZ.	GYM	4,000	500	1.0"	1795	6	480/3/60	-	500	98.7	140.4	77.5	65.0	55.0	53.3	5	91	1.0"	45	95	REFER TO HEAT PUMP DATA					480/3/60	7.68	15	1-1/4"	1,250	TRANE CSAA010 OR APPROVED EQUAL

GENERAL NOTES:
1. ALL AIR HANDLING UNITS SHALL BE EQUIPPED WITH VIBRATION ISOLATORS (SPRING-TYPE).
2. EXTERNAL STATIC DOES NOT INCLUDE DIRTY FILTER LOSS.
3. PROVIDE SINGLE POINT ELECTRICAL CONNECTION.
4. ALL CONDENSATE DRAIN LINES TO BE RIGID INSULATED COPPER. ROUTE CONDENSATE TO NEAREST HUB DRAIN/FLOOR DRAIN (REFER TO DRAWINGS).
5. PROVIDE 4" TALL 16 GA. G90 GALVANIZED STEEL AUXILIARY DRAIN PANS (WITH WELDED SEEMS) WITH FLOAT SWITCH (RESPECTIVE CONDENSING UNIT TO DE-ENERGIZE WHEN FLOAT SWITCH IS TRIPPED).
6. ALL AIR HANDLING UNITS SHALL HAVE WALL-MOUNTED VARIABLE SPEED DRIVES (ONE (1) FOR EACH AHU MOTOR).
7. CONTRACTOR SHALL SUPPLY ALL REQUIRED PULLEY'S & SHEAVES AS TO BALANCE AIR TO SPECIFIED CFM. PROVIDE ADDITIONAL PULLEY'S AND SHEAVES AS REQUIRED.
8. PROVIDE FULL SIZE RETURN AIR PLENUM ON INLET OF AIR HANDLING UNIT (LENGTH AS REQUIRED TO MAKE REQUIRED DUCT CONNECTIONS). PROVIDE ADDITIONAL REINFORCEMENT AT RETURN AIR PLENUM AT TO NOT ALLOW PLENUM TO COLLAPSE ONTO ITSELF
9. EQUIPMENT SHALL BE RATED A MINIMUM OF 75°(C) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) ARTICLE 110.14.16.
10. ALL MOTORS SHALL HAVE SHAFT GROUNDING RINGS.
11. DAIKIN, YORK, JCI, LG OR PRIOR APPROVED EQUAL.
12. REFER TO TYPICAL AIR HANDLING UNIT DETAILS.
13. ALL AIR HANDLING UNITS SHALL HAVE FACTORY INSTALLED FILTER PRESSURE GAUGES.
14. ALL AHU'S TO COME WITH 6" BASE RAIL FROM THE UNIT MANUFACTURER.
15. AIR HANDLING UNITS SHALL BE 2" DOUBLE WALL FOAM CONSTRUCTION.
16. PROVIDE REDUNDANT CONTROL POWER SUPPLIES/TRANSFORMERS WITH AN AUTO CHANGEOVER FEEDING A UPS ON A PANEL-BY-PANEL BASIS. UPS & POWER SUPPLIES TO BE SIZED SUCH THAT THE CONTRACTOR SHALL NOT LOSE POWER ALLOWING TIME FOR THE GENERATOR TO ENERGIZE AND ALLOWS
17. PROVIDE SEPARATE 120-1-60 ELECTRICAL SERVICE FOR HVAC TEMPERATURE CONTROLS (PROVIDE SERVICE BOX FOR SINGLE POINT ELECTRICAL CONNECTION, PROVIDE MULTIPLE TRANSFORMERS (# AS REQUIRED)).
18. ALL AIR HANDLING UNITS TO HAVE GLOBAL PLASMA SOLUTIONS SELF CLEANING NEEDLEPOINT BIPOLAR ION GENERATOR. MOUNT ON SUPPLY AIR DUCT (ION GENERATOR PROBES TO BE LOCATED IN AIR STREAM) PRIOR TO ANY BRANCH DUCT TAKEOFFS TO SUPPLY GRILLES. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MULTI-VOLTAGE OPTIONS (FIELD CONVERTIBLE) FROM 24VAC-260VAC. AHU-1 TO BE PROVIDED WITH TWO (2) GLOBAL PLASMA SOLUTIONS MODEL GPS-IMOD-7B-SNAP DEVICES WITH GPS-IMOD-PS POWER SUPPLY. AHU-D1 TO BE PROVIDED WITH ONE (1) GLOBAL PLASMA SOLUTIONS MODEL GPS-IMOD-7E-SNAP DEVICES WITH GPS-IMOD-PS POWER SUPPLY. INTEGRATE INTO TEMPERATURE CONTROLS SYSTEM, REFER TO SPECIFICATION 230900. REFER TO SPECIFICATION 233500.

MAKEUP AIR HANDLING UNIT SCHEDULE - 100% OUTSIDE AIR (HEAT PUMP)

TAG	LOCATION	AREA SERVED	FAN DATA				MOTOR DATA			REFRIGERANT COIL DATA											ELEC. HEAT DATA					ELEC. DATA (SINGLE POIN...			COND. DRAIN LINE (IN.)	WEIGHT (LBS.)	BASIS OF DESIGN
			TOTAL CFM	OA MIN. CFM	E.S.P.	RPM	H.P.	VOLTAGE	RPM	MAX FACE VELOCITY (FPM)	SENSIBLE CAPACITY (M.B.H.)	TOTAL CAPACITY (M.B.H.)	AIR ENT.		AIR LVG.		ROWS	FIN SPACING (PER FOOT)	MAX AIR PRESSURE DROP	SUCTION TEMP.	AMBIENT TEMP.	KW	MBH	STAGES	ENT. D.B.	LVG. D.B.	VOLTAGE	MCA	MOP			
													D.B.	W.B.	D.B.	W.B.															
MAU-1 THRU MAU-15	MECH. ROOM	SEE DWGS.	1,200	0	1.0"	1578	1	480/3/60	-	500	72.8	154.5	95.0	80.0	51.0	51.0	6	-	1.0"	45	95	15	51.2	SCR	60.0	91.6	480/3/60	25.7	30	1-1/4"	500	TRANE BCVE072 OR APPROVED EQUAL

GENERAL NOTES:
1. UNIT TO HAVE DOUBLEWALL FOAM INJECTED CABINET.
2. ALL UNITS TO INCLUDE 16 GA. G90 GALVANIZED STEEL DRAIN PANS UNDERNEATH ALL COIL SECTIONS.
3. ALL DUAL CIRCUIT REFRIGERANT COILS SHALL BE INTERTWINED, STACKED COILS NOT ACCEPTABLE.
4. ALL AIR HANDLING UNITS SHALL BE EQUIPPED WITH VIBRATION ISOLATORS, ALL COILS TO HAVE EXPANSION VALVES.
5. EXT.S.P. DOES NOT INCLUDE DIRTY FILTER LOSS.
6. REFER TO DETAILS FOR EXACT ORIENTATION OF ALL UNITS.
7. ALL CONDENSATE DRAIN LINES (MAIN & AUXILIARY) TO BE RIGID COPPER.
8. YORK (JCI), DAIKIN, OR PRIOR APPROVED EQUAL.
9. PROVIDE MOTORIZED TWO POSITION OUTSIDE AIR DAMPERS.
10. UNITS TO COME WITH BACNET INTERFACE CARD.
11. EQUIPMENT SHALL BE RATED A MINIMUM OF 75°C(5) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) ARTICLE 110.14.
12. ALL MOTORS SHALL HAVE SHAFT GROUNDING RINGS.
13. ALL AIR HANDLING UNITS TO HAVE GLOBAL PLASMA SOLUTIONS SELF CLEANING NEEDLEPOINT BIPOLAR ION GENERATOR. MOUNT ON SUPPLY AIR DUCT (ION GENERATOR PROBES TO BE LOCATED IN AIR STREAM) PRIOR TO ANY BRANCH DUCT TAKEOFFS TO SUPPLY GRILLES. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MULTI-VOLTAGE OPTIONS (FIELD CONVERTIBLE) FROM 24VAC--260VAC. PROVIDE GLOBAL PLASMA SOLUTIONS MODEL GPS-IMOD-7C OR PRICE APPROVED EQUAL. INTEGRATE INTO TEMPERATURE CONTROLS SYSTEM, REFER TO SPECIFICATION 230900. REFER TO SPECIFICATION 233500.

VARIABLE REFRIGERANT VOLUME FAN COIL UNITS - HEAT RECOVERY (PART 2)

TAG(S)	QUANTITY (#)	FAN DATA			UNIT PERFORMANCE				UNIT TYPE	ELEC. DATA (SINGLE POINT CONNECTION)			COND. DRAIN LINE (IN.)	WEIGHT (LBS)	BASIS OF DESIGN
		SUPPLY CFM (L/M/H)	OUTSIDE AIR CFM	E.S.P. (RATED)	COOLING CAPACITY (MBH)	COOLING AMPS	HEATING CAPACITY (MBH)	HEATING AMPS		VOLTAGE	M.C.A. (AMPS)	M.O.P. (AMPS)			
FCO-1-4,6-8,10-21	19	230/265/280	-	N/A	5,000	0.19	5,600	0.14	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M05NFMU-A OR APPROVED EQUAL
FCO-5	1	883/1077/1271	-	0.6"	36,000	2.01	40,000	2.01	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	3.4	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M36NMAU-A OR APPROVED EQUAL
FCO-9	1	918/1112/1306	-	0.6"	48,000	2.06	54,000	2.06	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M48NMAU-A OR APPROVED EQUAL
FCP-1A,1B	2	245/280/335	-	N/A	12,000	0.23	13,500	0.18	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFYP12NFMU-E OR APPROVED EQUAL
FCP-2,4-8,15,16,19,20	10	230/265/280	-	N/A	5,000	0.19	5,600	0.14	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M05NFMU-A OR APPROVED EQUAL
FCP-3	1	265/315/390	-	N/A	8,000	0.22	9,000	0.17	4-WAY CEILING CASSETTE (2'x2')	208/1/60	0.36	15	1-1/4"	50 LBS	TRANE MODEL PLFY-M08NFMU-A OR APPROVED EQUAL
FCP-9,18	2	141/162/191/237	-	N/A	8,000	0.3	9,000	0.2	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M08NLMU-A OR APPROVED EQUAL
FCP-10-13,17	5	152/191/244/297	-	N/A	12,000	0.4	13,500	0.3	WALL MOUNT	208/1/60	0.24	15	1-1/4"	50 LBS	TRANE MODEL PKFY-M12NLMU-A OR APPROVED EQUAL
FCP-14,21	2	618/742/883	-	0.6"	18,000	1.24	20,000	1.24	CONCEALED HORIZONTAL DUCTED; HIGH STATIC	208/1/60	2.5	15	1-1/4"	150 LBS	TRANE MODEL PEFY-M18NMAU-A OR APPROVED EQUAL
FCQ-1,2,3	3	1040/1262/1485	100 CFM	0.6"	54,000	-	60,000		MULTI-POSITION AHU	208/1/60	5.63	15	1-1/4"	250 LBS	TRANE MODEL PVFY-M54NAMU-A OR APPROVED EQUAL

GENERAL NOTES:
1. PROVIDE BUILT-IN DRAIN PUMP FOR ALL FAN COILS.
2. PROVIDE 2 YEAR PARTS WARRANTY.
3. PROVIDE WASHABLE LONG LIFE FILTER WITH MILDEW PROOF RESIGN.
4. PROVIDE THERMOSTAT SECURELY ANCHORED TO WALL. REFER TO PLAN FOR LOCATION. REFER TO SPECIFICATIONS.
5. ALL PKFY MODEL FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-IRIB-36 AIR PURIFIERS.
6. ALL DUCTED CONCEALED FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC24-AC AUTOCLEANING AIR PURIFIERS.
7. ALL MULTI-POSITION AIR HANDLING UNIT FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC24-AC AUTOCLEANING AIR PURIFIERS.
8. ALL CEILING CASSETTE FAN COILS TO COME WITH GLOBAL PLASMA SOLUTIONS GPS-FC3T-BAS AIR PURIFIERS.
9. INTEGRATE ALL BIPOLAR IONIZATION DEVICES INTO TEMPERATURE CONTROLS SYSTEM, REFER TO SPECIFICATION 230900. REFER TO SPECIFICATION 233500.
10. APPROVED MANUFACTURER: LG

VARIABLE REFRIGERANT FLOW BRANCH SELECTORS

UNIT TAG	QUANTITY	UNIT WIRING/POWER SUPPLY				REMARKS	UNIT TAG	QUANTITY	UNIT WIRING/POWER SUPPLY				REMARKS
		ELECTRICAL SERVICE	RATED AMPS (A)		MAX FUSE SIZE				ELECTRICAL SERVICE	RATED AMPS (A)		MAX FUSE SIZE (A)	
			COOLING	HEATING						COOLING	HEATING		
BS-A1,2,3,4,5,6	6	208/1/60	0.122	0.061	20 AMPS	PROVIDE 10 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-J1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-B1,2,3,4,5,6	6	208/1/60	0.122	0.061	20 AMPS	PROVIDE 10 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-K1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-C1,2,3,4,5	5	208/1/60	0.122	0.061	20 AMPS	PROVIDE 8 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-L1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-D1,2,3,4,5,6	6	208/1/60	0.122	0.061	20 AMPS	PROVIDE 10 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-M1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-E1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 8 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-N1	1	208/1/60	0.122	0.061	20 AMPS	PROVIDE 8 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-F1	1	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-O1,2,3,4	4	208/1/60	0.122	0.061	20 AMPS	PROVIDE 10 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-G1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-P1,2,3,4	4	208/1/60	0.122	0.061	20 AMPS	PROVIDE 10 PORT BRANCH SELECTORS FOR ALL LOCATIONS
BS-H1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS	BS-Q1,2	2	208/1/60	0.122	0.061	20 AMPS	PROVIDE 6 PORT BRANCH SELECTORS FOR ALL LOCATIONS

GENERAL NOTES:
1. PROVIDE SHUTOFF VALVES AT ALL VARIABLE REFRIGERANT FLOW BRANCH SELECTOR BOXES PIPE CONNECTIONS. IF THEY CAN NOT BE FACTORY-PROVIDED WITH SHUTOFF VALVES, CONTRACTOR SHALL PROVIDE AND INSTALL SHUTOFF VALVES.
2. PROVIDE MINIMUM OF ONE (1) EXTRA EMPTY PORT AT ALL BRANCH SELECTOR BOXES.

PRICING OPTIONS:
1. BASE BID: PRICE WITH BRANCH SELECTOR QUANTITIES AND LOCATIONS AS SHOWN ON THE DRAWINGS
2. ALTERNATE: PROVIDE COST SAVINGS OPTIONS BY REDUCING BRANCH SELECTOR BOX QUANTITIES, SIZES, AND/OR LOCATIONS PER SELECTED MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE MINIMUM OF ONE (1) EXTRA EMPTY PORT AT ALL BRANCH SELECTOR BOXES.

EYRE ENGINEERING

PRINTED: 3-30-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR PRINTED MEDIA DISTRIBUTION OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000781) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M304

ROOF HOOD SCHEDULES

HOOD TAG	SERVICE	BASIS OF DESIGN	MATERIAL	THROAT SIZE	ROOF OPENING	CFM	A.P.D. (IN. WC)	BAROMETRIC DAMPER	MOTORIZED DAMPER	REMARKS
RH-1	INTAKE AIR AT MAU-2,3	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	30"x30"	34"x34"	2400	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-2	INTAKE AIR AT MAU-4	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	20"x20"	24"x24"	1200	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-3	EXHAUST AIR AT EF-3	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	300	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-4	EXHAUST AIR AT EF-4,5,6	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	200	0.02"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-5	EXHAUST AIR AT EF-7	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	150	0.01"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-6	EXHAUST AIR AT EF-8	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	75	0.003"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-7	EXHAUST AIR AT EF-13,14	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	150	0.01"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-8	EXHAUST AIR AT EF-15,16	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	300	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-9	EXHAUST AIR AT EF-17,18	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	150	0.01"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-10	EXHAUST AIR AT EF-19,20,21,22,23,24,25	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	14"x14"	18"x18"	575	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-11	EXHAUST AIR AT EF-26,27	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	150	0.01"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-12	EXHAUST AIR AT EF-28,29	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	150	0.01"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-13	EXHAUST AIR AT EF-30	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	300	0.04"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-14A,14B	DRYER EXHAUST	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	12"x12"	16"x16"	375	0.03"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-15	EXHAUST AIR AT EF-32	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	75	0.003"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-16	EXHAUST AIR AT EF-33	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	75	0.003"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-17	EXHAUST AIR AT EF-34	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	75	0.003"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB
RH-18	EXHAUST AIR AT EF-35	GREENHECK MODEL FGI OR APPROVED EQUAL	ALUMINUM	10"x10"	14"x14"	75	0.003"	YES	NO	ROOF HOOD TO COME WITH PRE-FABRICATED 12" ROOF CURB

GENERAL NOTES:

1. ROOF HOODS TO COME WITH THE FOLLOWING ACCESSORIES:
   A. ALUMINUM MESH INSECT SCREEN OVER THE THROAT
   B. PREFABRICATED ROOF CURB (12" MINIMUM HEIGHT)
   C. BAKED ENAMEL FINISH (REFER TO ARCH. FOR CUSTOM COLOR FINISH) FOR ROOF CURB AND ROOF HOOD.
   D. 1" THICK INSULATION
   E. BACKDRAFT DAMPER TO BE ADJUSTABLE WEIGHT TYPE
   F. PROVIDE SECURITY BARS ON ALL ROOF HOOD OPENINGS.
2. LOREN COOK APPROVED EQUAL. COORDINATE EXACT ROOF OPENINGS WITH MANUFACTURER SUPPLIED TO PROJECT.
3. HOOD SHALL BE REMOVABLE FROM BASE OR HINGED OPEN.

TEMPERED SUPPLY FAN SCHEDULES

FAN TAG	LOCATION	SERVICE	CFM	E.S.P. (IN.)	TYPE	FAN R.P.M.	SONES	MOTOR DATA					GAS DATA						BASIS OF DESIGN	CONTROLS	ROOF OPENING	MCA	MOP	WEIGHT
								HP	WATTS	ENCL.	VOLTAGE	R.P.M.	INPUT MBH	OUTPUT MBH	AIR ENT. D.B.	AIR LVG. D.B.	GAS PRESSURE							
																	MIN. (IN. W.G.)	MAX (PSI)						
WSF-1	ROOF	WELDING SHOP	4,200	1.0"	TEMPERED SUPPLY	1949	21	3	-	ODP	480/3/60	1725	400	368	15.0	108.7	12	0.5	GREENHECK MODEL DGX-P116-H12-MF OR PRIOR APPROVED EQUAL	BUILDING EMS; INTERCONNECTED WITH WEF-1	34"x34"	6.3	15	1,100 LBS

GENERAL NOTES:

1. CONTRACTOR TO PROVIDE TEMPERED SUPPLY FAN WITH SIDE GAS CONNECTIONS.

ELECTRIC DUCT HEATER SCHEDULE

UNIT TAG	SERVICE	CFM	KW	BTUH	STAGES	DUCT SIZE	TYPE	MAX P.D.	VOLTAGE	FLA	MOP	E.A.T. D.B.	L.A.T. D.B.	BASIS OF DESIGN
EDH-1	AHU-1	11,500	80	273,040	2	62x22	SLIP IN	0.1"	480/3/60	96.23	125	65.0	91.0	GREENHECK MODEL IDHE OR PRIOR APPROVED EQUAL
EDH-2	AHU-2	4,000	30	102,390	2	26x26	SLIP IN	0.1"	480/3/60	36.08	50	65.0	92.6	GREENHECK MODEL IDHE OR PRIOR APPROVED EQUAL

GENERAL NOTES:

1. PROVIDE DUCT HEATER WITH FACTORY MOUNTED DISCONNECTS, AIR FLOW AND OVER TEMPERATURE CONTROL CUTOUTS.
2. ELECTRIC HEATER TO COME WITH SCR CONTROLLER UNLESS OTHERWISE NOTED.
3. ELECTRIC DUCT HEATERS TO SLIP-IN TYPE INSTALLED IN INTERNALLY INSULATED DUCT (DUCT SIZE IS METAL TO METAL).
4. CONTRACTOR TO CONFIRM ORIENTATION OF DUCT HEATER AND ACCESS TO CONTROL PANEL.
5. DUCT HEATER TO BE INTERCONNECTED WITH ASSOCIATED AIR HANDLING UNIT WITH 24VAC LOW VOLTAGE WIRING TIED INTO AIR HANDLING UNIT FAN TERMINAL STRIP.

EQUIPMENT SCHEDULE

Tempered Make-Up Air Unit — **Mark: KSF-1,2**

Qty	Greenheck Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR
1	DGX-P116-H12-MF-8	2,880 CFM	1 in. wg	2.039 in. wg	19.6	30	1,590 lb	5kA

Motor Information

Size	V/C/P	Enclosure	Motor with Shaft Gounding	Motor RPM	Operating Power
2 hp	480/60/3	ODP	No	1725	1.86 hp

Heating

Type	Gas Type	Temperature			Energy			Connection Gas (IN)	Building Gas Pressure	Control Access	Gas Pressure	
		Winter DB	Max Δ	Max LAT	Input	Output	Efficiency				Min	Max
Direct Gas	Natural	27.6 F	62.4 F	90.0 F	211.0 MBH	194.1 MBH	92%	3/4"	1/2 PSI	11a	8 in. wg	0.5 PSI

Cooling

Cooling Type	Coil Model	Rows Deep	Fins Per Inch	Face Velocity	Total Energy	Sensible Energy	Entering Air (F)		Leaving Air (F)	
							Dry	Wet	Dry	Wet
Packaged DX	DX38S02Q10-32x35-RH	2	10	461 ft/min	103.1 MBH	66.1 MBH	94.2 F	80.3 F	71.6 F	71.6 F

Coil SP	Refrigerant	Suction Temp	Liquid Temp	Super Heat		Suction Conn Qty / Size	Liquid Conn Qty / Size
NA	R-454B	51.7 F	110 F	8 F	Code 18/19 0	NA	NA

Outlet Sound Power By Octave Band								LwA	dBA	Sones
62.5	125	250	500	1000	2000	4000	8000			
84	*79*	*77*	*77*	*76*	*73*	*72*	*71*	*81*	*70*	*19*

- LwA - A weighted sound power level based on ANSI S1.4
- dBA - A weighted sound pressure level base on 11.1 dB attenuation per octabe band at 5.0 ft.
-Noise Criteria (NC) based on an average attenuation of 11.5 dB per octabe band at 5.0 ft.

OPTIONS AND ACCESSORIES

Make Up Air
Extended Compressor Warranty: 5 years
Air Flow Arrangement: Outdoor Air Only
Weatherhood: Aluminum Mesh, 16x20x2 - (4)
Damper: Inlet
Outdoor Air Intake Position: End
Discharge Position: Bottom
Coating: Permatector - Concrete Gray (RAL 7023)
Cooling Coil Coating - None
Insulation: Double Wall - Cool Source On
Supply Fan Control: VFD
VFD Control: Constant Volume
Hinged Access
Access Side: Right-Hand
Unit Weight: 1781 lb
Control Center
Freeze Protection
Heat Inlet Air Sensor
Cool Inlet Air Sensor
Unit Controls: Terminal Strip
Temperature Control: Discharge
FM Compliant
Direct Gas Options/Accessories
Approvals: ETL

GENERAL NOTES:

1. GREENHECK IS BASIS OF DESIGN
2. CAPTIVAIRE AND ACCUREX ARE APPROVED EQUALS

Direct Drive Upblast Centrifugal Roof Exhaust Fan

MARK INFORMATION		FAN INFORMATION								SOUND INFORMATION					MOTOR INFORMATION							
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR
KEF-1,2	2	CUE-200HP-VG	Direct	3,600	-	1.5	1,298	1,233	1.29	180	71	20	0	0	0	-	2	-	TEFC	460	60	3	No

KEF-1,2 : SELECTED OPTIONS AND ACCESSORIES

Standard Curb Cap Size - 30 Square
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
Switch, NEMA-3R, Toggle, Shipped with Unit
Curb Extension-Alum., VCE-30-A11
Hinge, Factory Installed
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Aluminum Wheel Material
Birdscreen: Aluminum, nom. 86% Free Area

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M305

EYRE ENGINEERING

PRINTED: 3-30-2026

VARIABLE REFRIGERANT FLOW OUTDOOR UNIT SCHEDULES - HEAT PUMPS

UNIT TAGS (IN/OUT)	TONS	PERFORMANCE DATA					UNIT WIRING (SEE BELOW FOR CONNECTION POINTS)				UNIT TYPE	COMPRESSOR TYPE	EER	IEER	COP	WEIGHT (LBS)	BASIS OF DESIGN	
		REFR.	COOLING CAPACITY (MBH)	COOLING CAP. MODULE #1/ MODULE #2/ MODULE #3 (MBH)	HEATING CAPACITY (MBH)	HEATING CAP. MODULE #1/ MODULE #2/ MODULE #3 (MBH)	VOLTAGE	M.C.A. (MODULE #1/ MODULE #2/ MODULE #3)	M.O.P. (MODULE #1/ MODULE #2/ MODULE #3)	RECOMMENDED FUSE SIZE (MODULE #1/ MODULE #2/ MODULE #3)							MANUFACTURER	MODEL NUMBER
HP-1A	28	R-22	336,000	168,000/168,000	378,000	188,000/188,000	480/3/60	31A/31A	50A/50A	35A/35A	HEAT PUMP	INVERTER SCROLL	11	21.4	3.39	1750	TRANE/MITSUBISHI	MODEL PUHY-EM336TSXU-A OR APPROVED EQUAL
HP-1B	12	R-22	144,000	-	160,000	-	480/3/60	31A	50A	35A	HEAT PUMP	INVERTER SCROLL	13	22.9	3.93	850	TRANE/MITSUBISHI	MODEL PUHY-EM144YXU-A OR APPROVED EQUAL

GENERAL NOTES:
1. PROVIDE SIX YEAR COMPRESSOR WARRANTY.
2. PROVIDE 2-YEAR PARTS WARRANTY.
3. UNITS SHALL HAVE SIMULTANEOUS OPERATION OF HEATING AND COOLING.
4. PROVIDE HYDROPHILIC COATED CONDENSER COIL TO PREVENT CORROSION.
5. PROVIDE VARIABLE FREQUENCY DRIVE CONTROLLED OUTDOOR MOTOR FAN.
6. PROVIDE FACTORY SET SUCTION TEMPERATURE.
7. CONTRACTOR TO PROVIDE & INSTALL CONTROL WIRE FROM CONDENSING UNITS TO RESPECTIVE FAN COILS WITH REFRIGERANT PIPE.
8. ALL REFRIGERANT PIPE TO BE SUPPORTED. REFER TO REFRIGERANT PIPE HANGER DETAIL.
9. APPROVED MANUFACTURER: DAIKIN, LG, TRANE/MITSUBISHI

VARIABLE REFRIGERANT FLOW OUTDOOR UNIT SCHEDULES - HEAT PUMP

UNIT TAGS (IN/OUT)	TONS	PERFORMANCE DATA					UNIT WIRING (SEE BELOW FOR CONNECTION POINTS)				UNIT TYPE	COMPRESSOR TYPE	EER	SEER	COP	WEIGHT (LBS)	BASIS OF DESIGN	
		REFR.	COOLING CAPACITY (MBH)	COOLING CAP. MODULE #1/ MODULE #2/ MODULE #3 (MBH)	HEATING CAPACITY (MBH)	HEATING CAP. MODULE #1/ MODULE #2/ MODULE #3 (MBH)	VOLTAGE	M.C.A. (MODULE #1/ MODULE #2/ MODULE #3)	M.O.P. (MODULE #1/ MODULE #2/ MODULE #3)	RECOMMENDED FUSE SIZE (MODULE #1/ MODULE #2/ MODULE #3)							MANUFACTURER	MODEL NUMBER
HP-1 THRU HP-15	10	R410A	120,000	-	135,000	-	480/3/60	27A	45A	30A	HEAT PUMP	INVERTER SCROLL	13.3	25.2	4.05	750	TRANE	MODEL PUHY-EM120YXU-A OR APPROVED EQUAL

GENERAL NOTES:
1. PROVIDE SIX YEAR COMPRESSOR WARRANTY.
2. PROVIDE 2-YEAR PARTS WARRANTY.
3. UNITS SHALL HAVE SIMULTANEOUS OPERATION OF HEATING AND COOLING.
4. PROVIDE HYDROPHILIC COATED CONDENSER COIL TO PREVENT CORROSION.
5. PROVIDE VARIABLE FREQUENCY DRIVE CONTROLLED OUTDOOR MOTOR FAN.
6. PROVIDE FACTORY SET SUCTION TEMPERATURE.
7. CONTRACTOR TO PROVIDE & INSTALL CONTROL WIRE FROM CONDENSING UNITS TO RESPECTIVE FAN COILS WITH REFRIGERANT PIPE.
8. ALL REFRIGERANT PIPE TO BE SUPPORTED. REFER TO REFRIGERANT PIPE HANGER DETAIL.
9. APPROVED MANUFACTURER: DAIKIN, LG, TRANE/MITSUBISHI

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

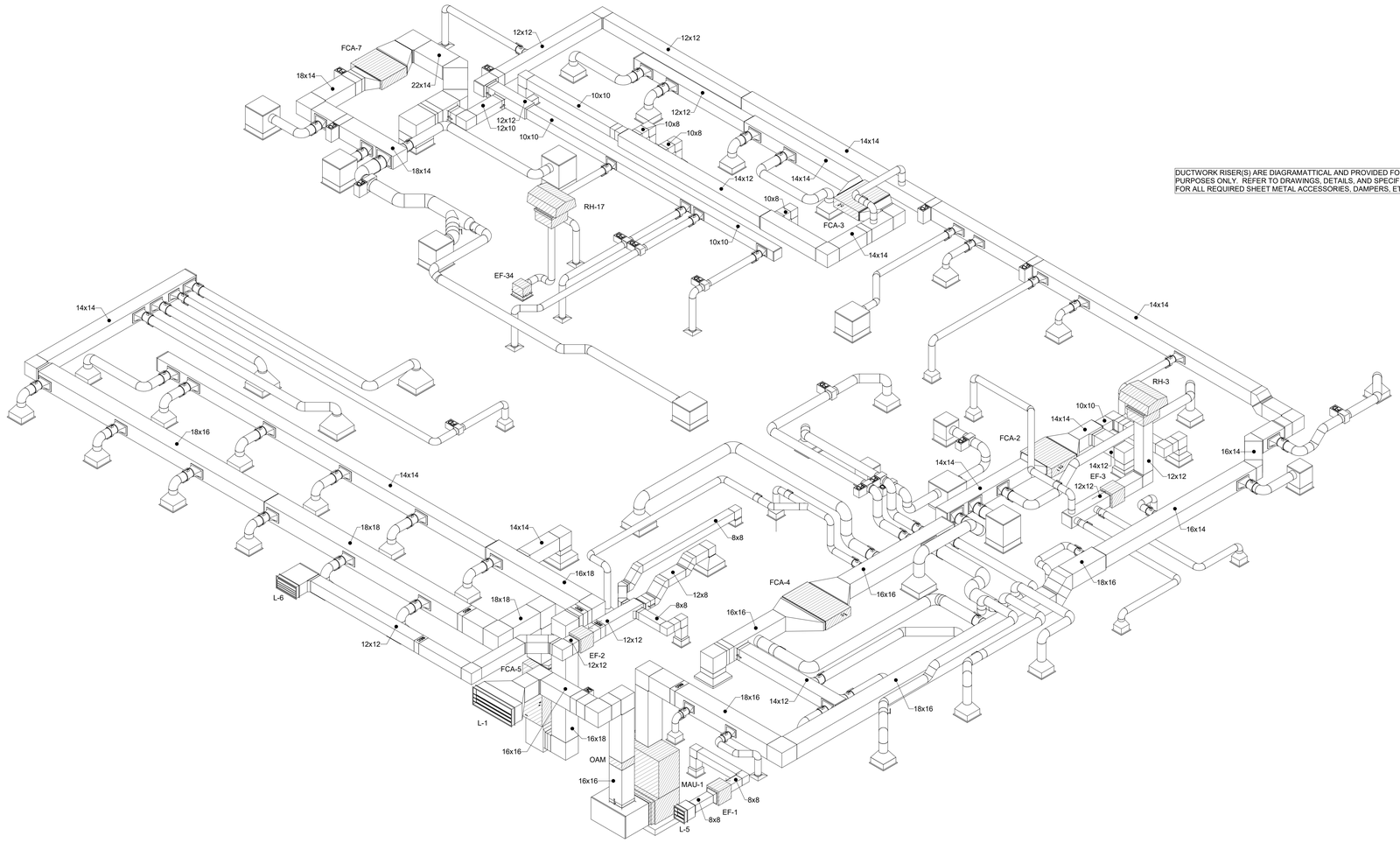
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL SCHEDULES

SHEET NUMBER
M306

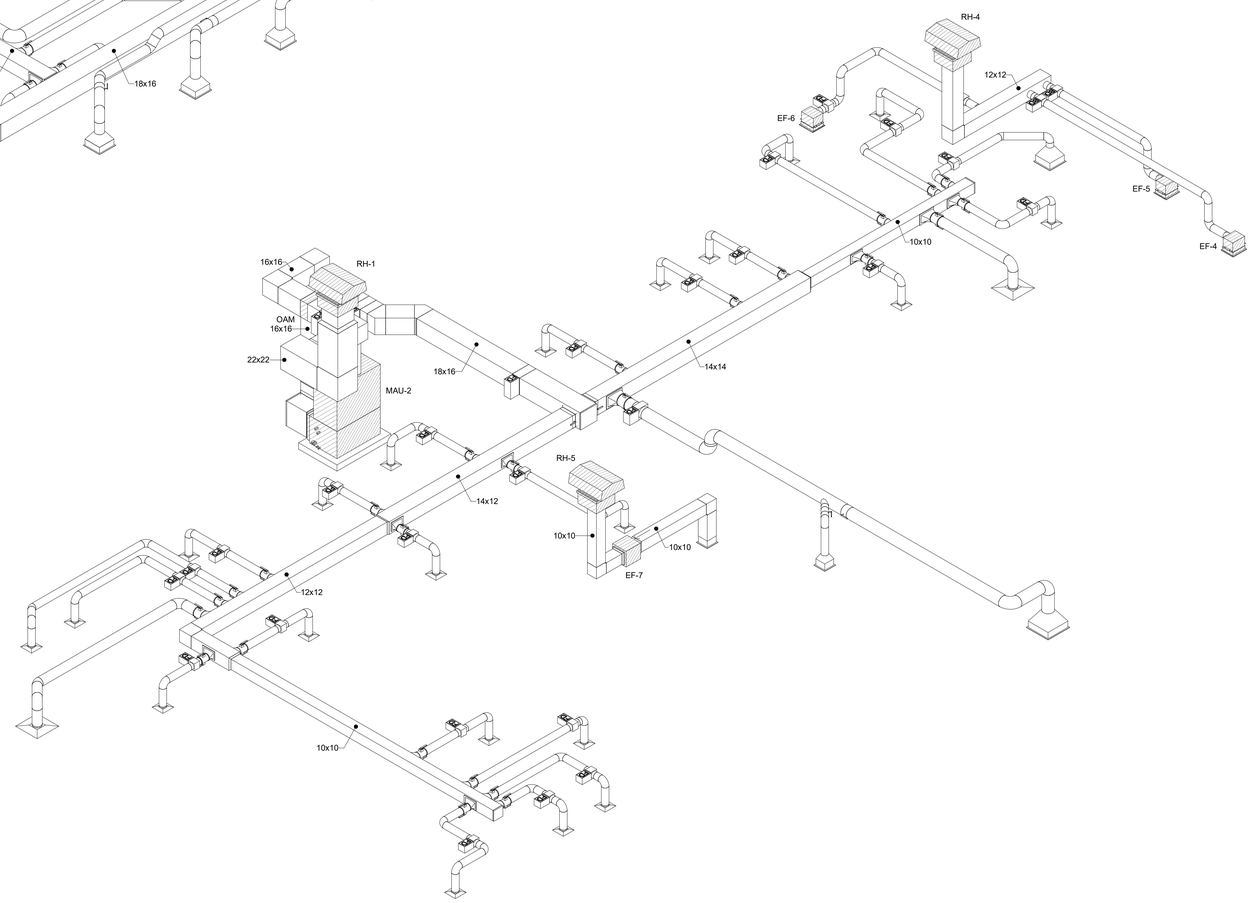
EYRE ENGINEERING

PRINTED: 3-30-2026



DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.

1 M401 LOBBY/VISITATION DUCTWORK RISERS



2 M401 ADMIN DUCTWORK RISERS

Grace Design Studios

HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

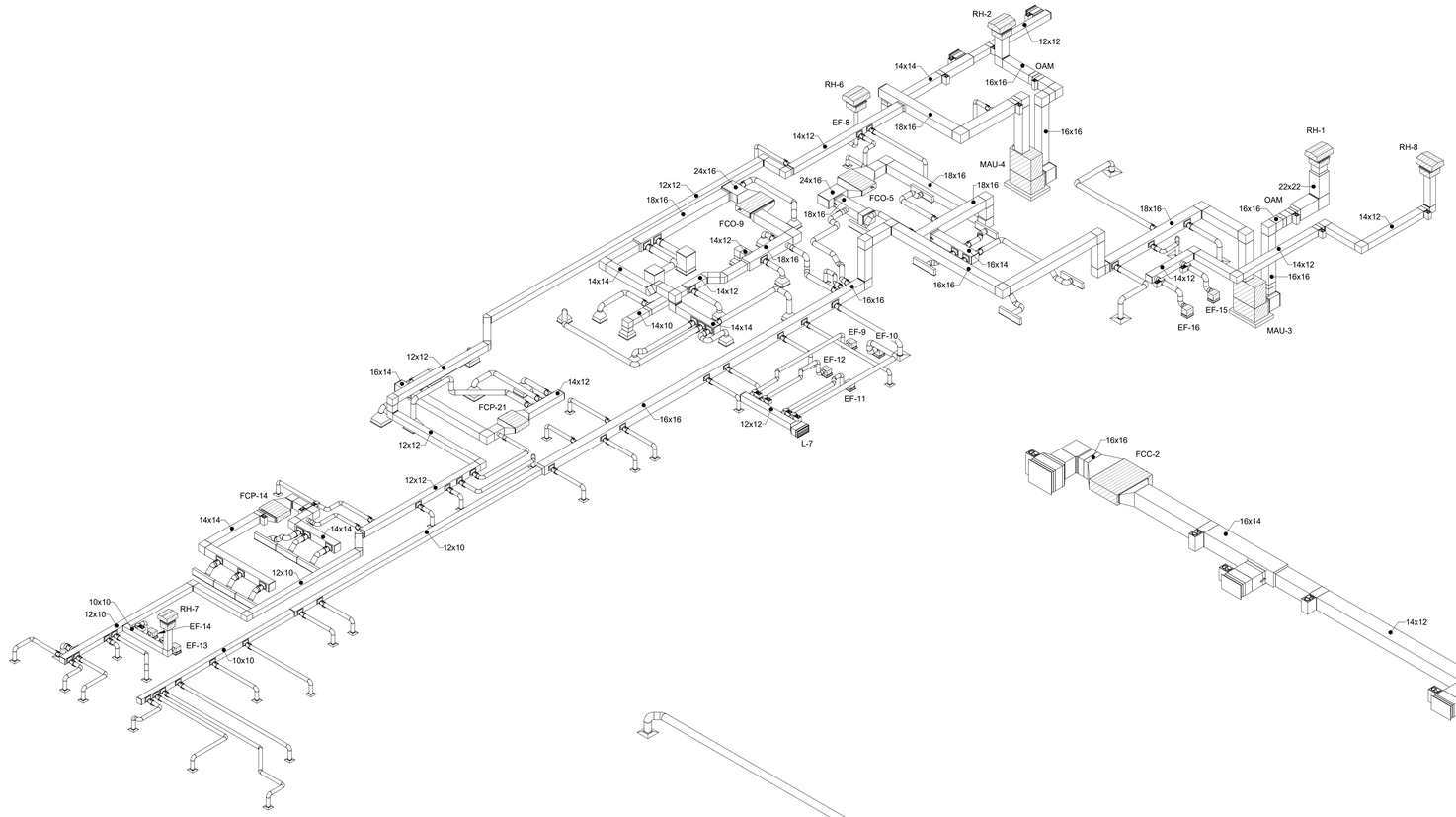
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL DUCTWORK RISERS

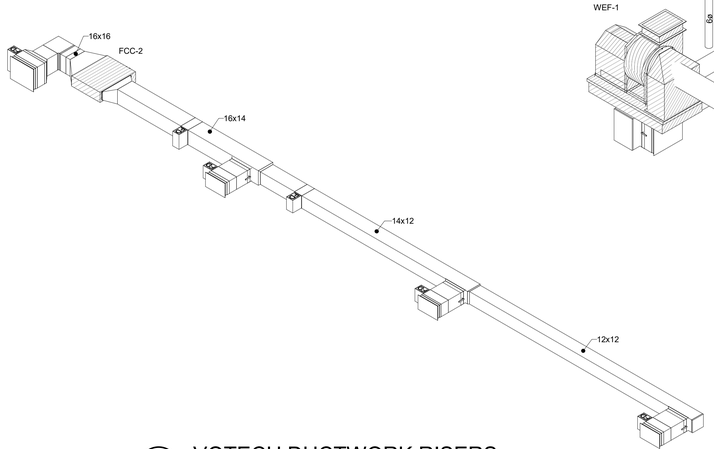
SHEET NUMBER
M401

EYRE ENGINEERING

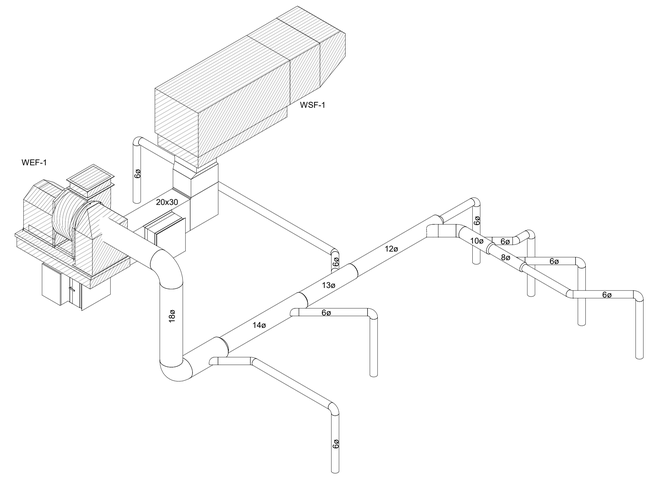
PRINTED: 3-30-2026

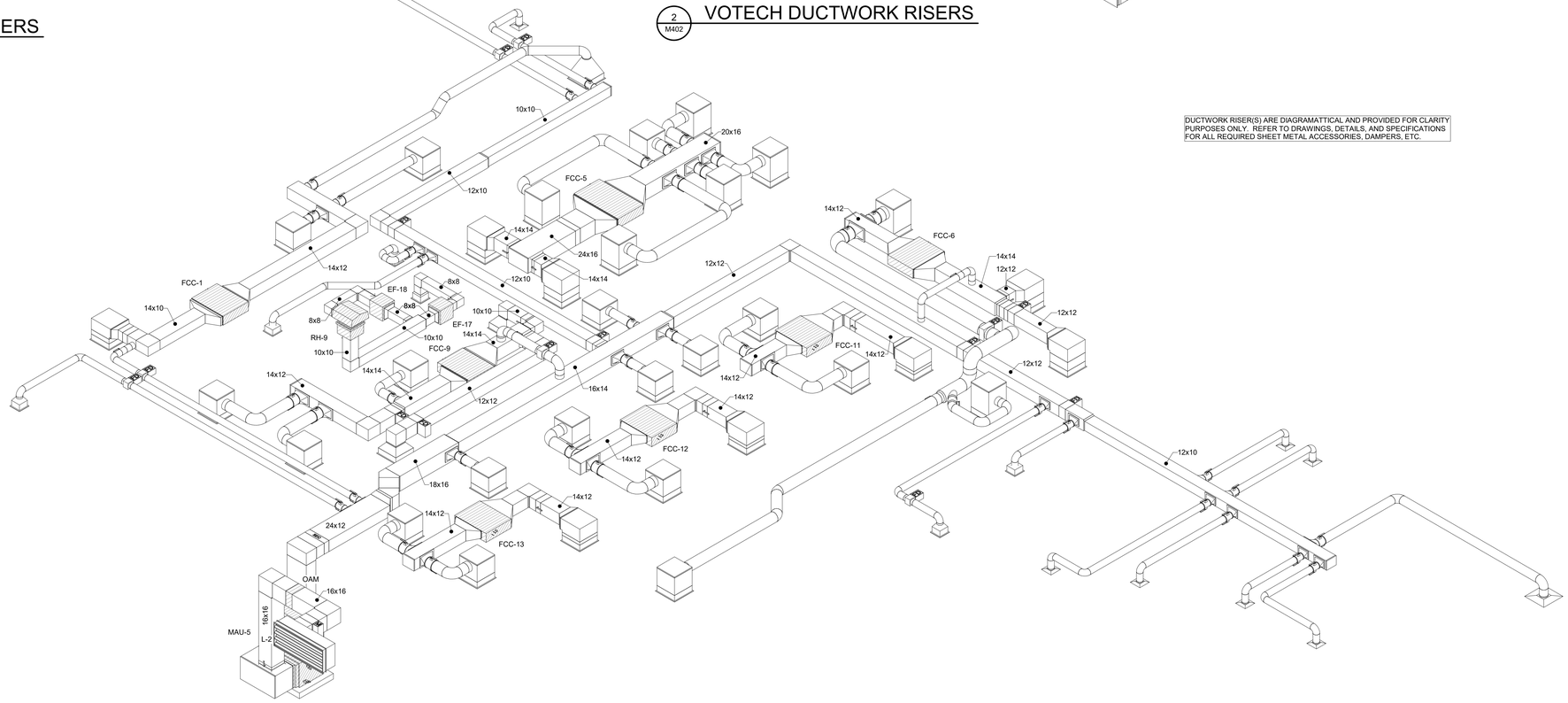


1 M402 TRAINING/ADMIN DUCTWORK RISERS



2 M402 VOTECH DUCTWORK RISERS





3 M402 CLASSROOM DUCTWORK RISERS

DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

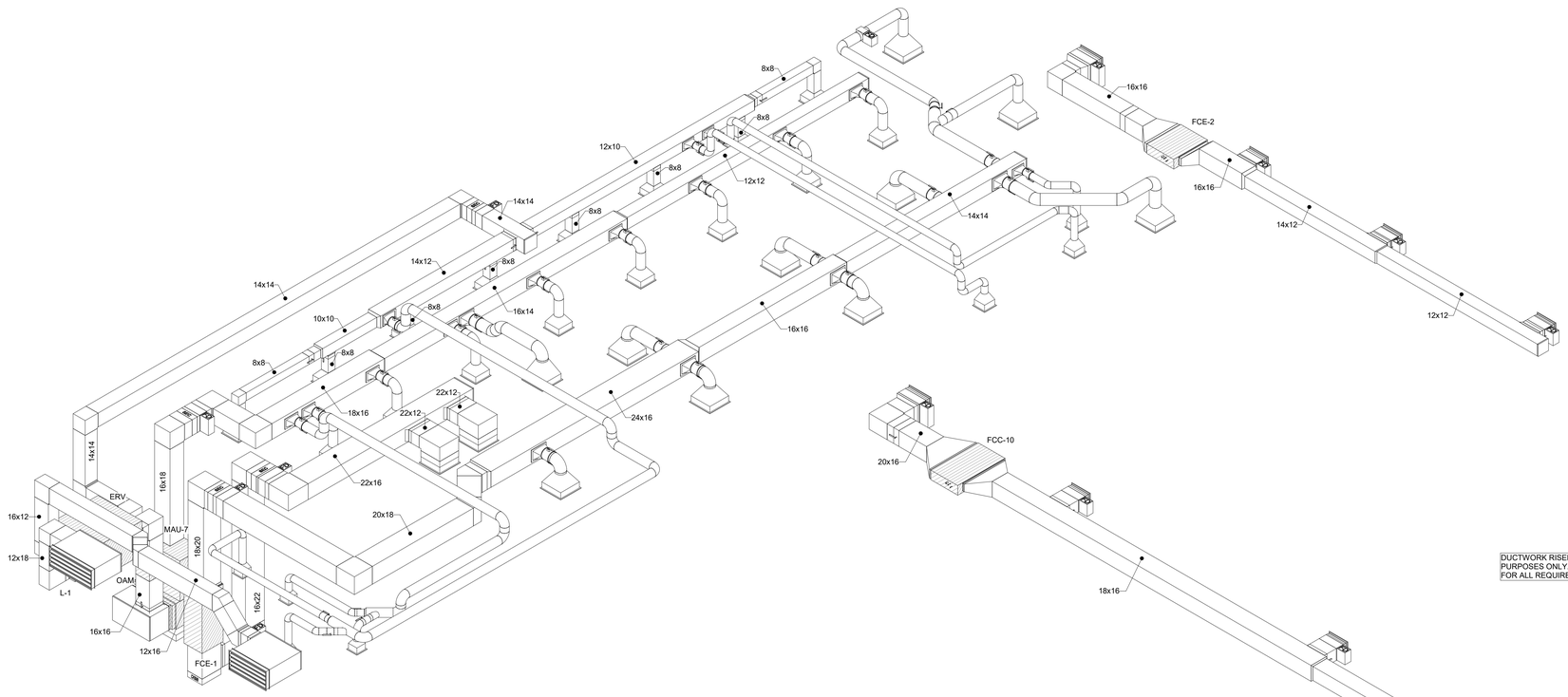
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M402

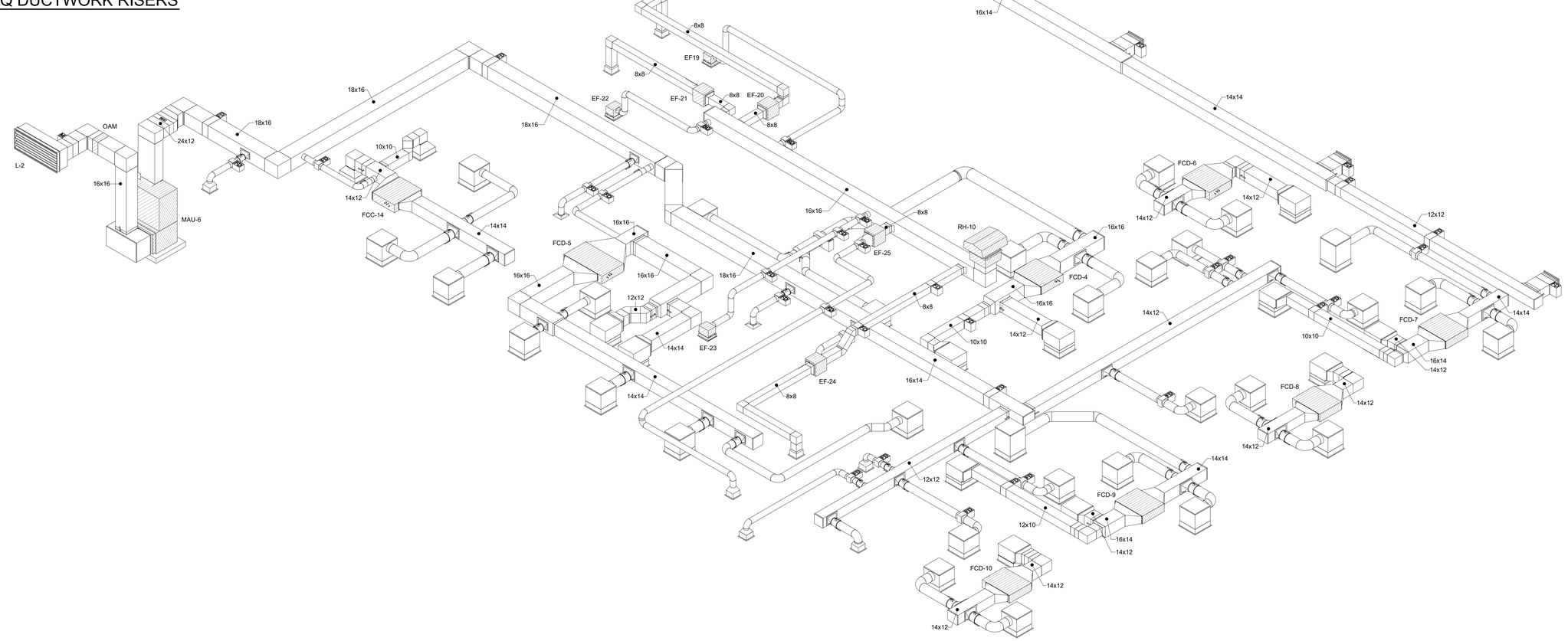
EYRE ENGINEERING

PRINTED: 3-30-2026



2 M403 DAY ROOM Q DUCTWORK RISERS

DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.



1 M403 CLASSROOM DUCTWORK RISERS 2

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC OR OTHERWISE, OR CONSTRUCTION REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F. 08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

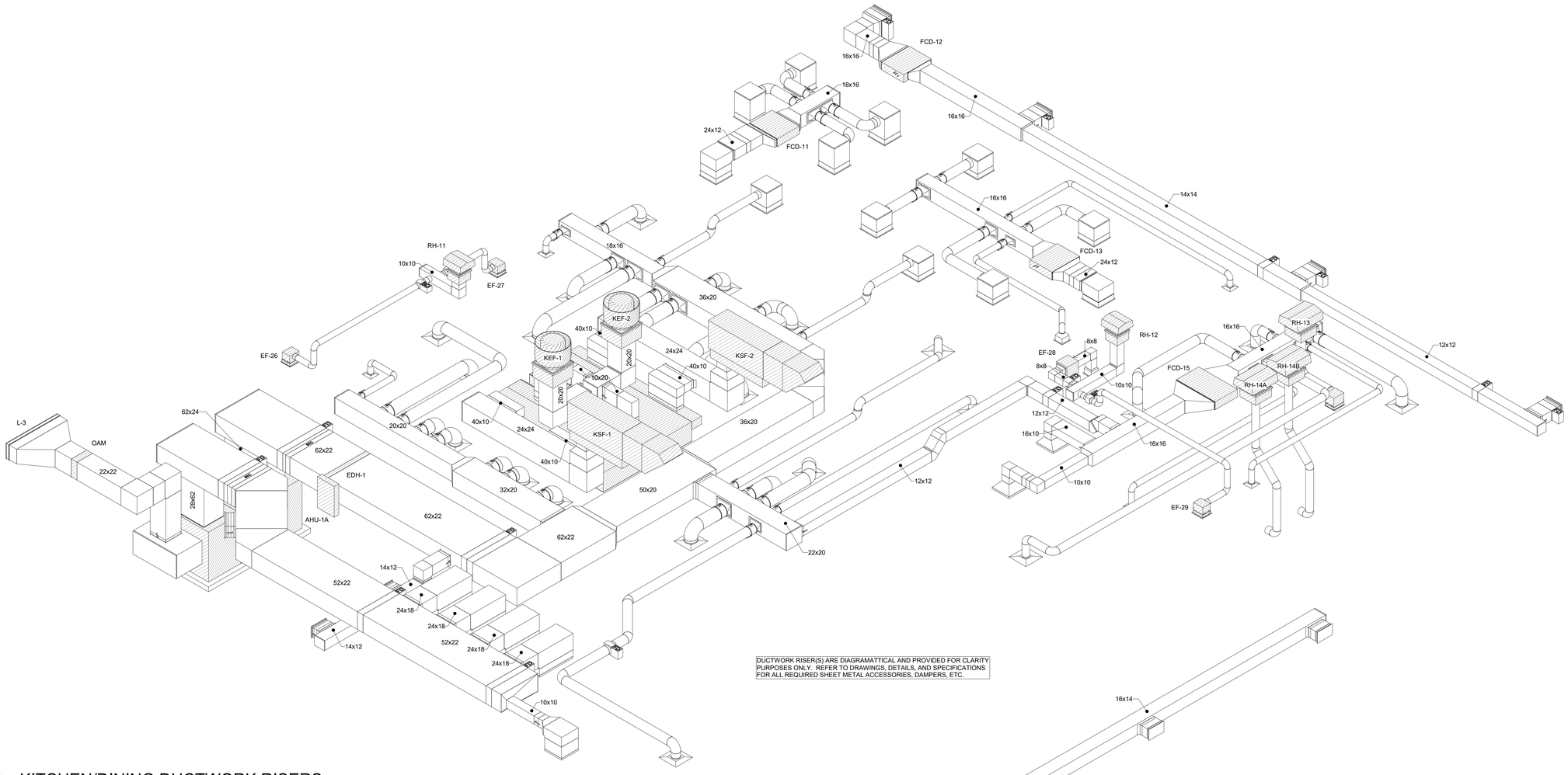
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M403

EYRE ENGINEERING

PRINTED: 3-30-2026



1 M404 KITCHEN/DINING DUCTWORK RISERS

3 M404 MAINTENANCE DUCTWORK RISERS

Grace Design Studios

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC BIDDING SERVICE, OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

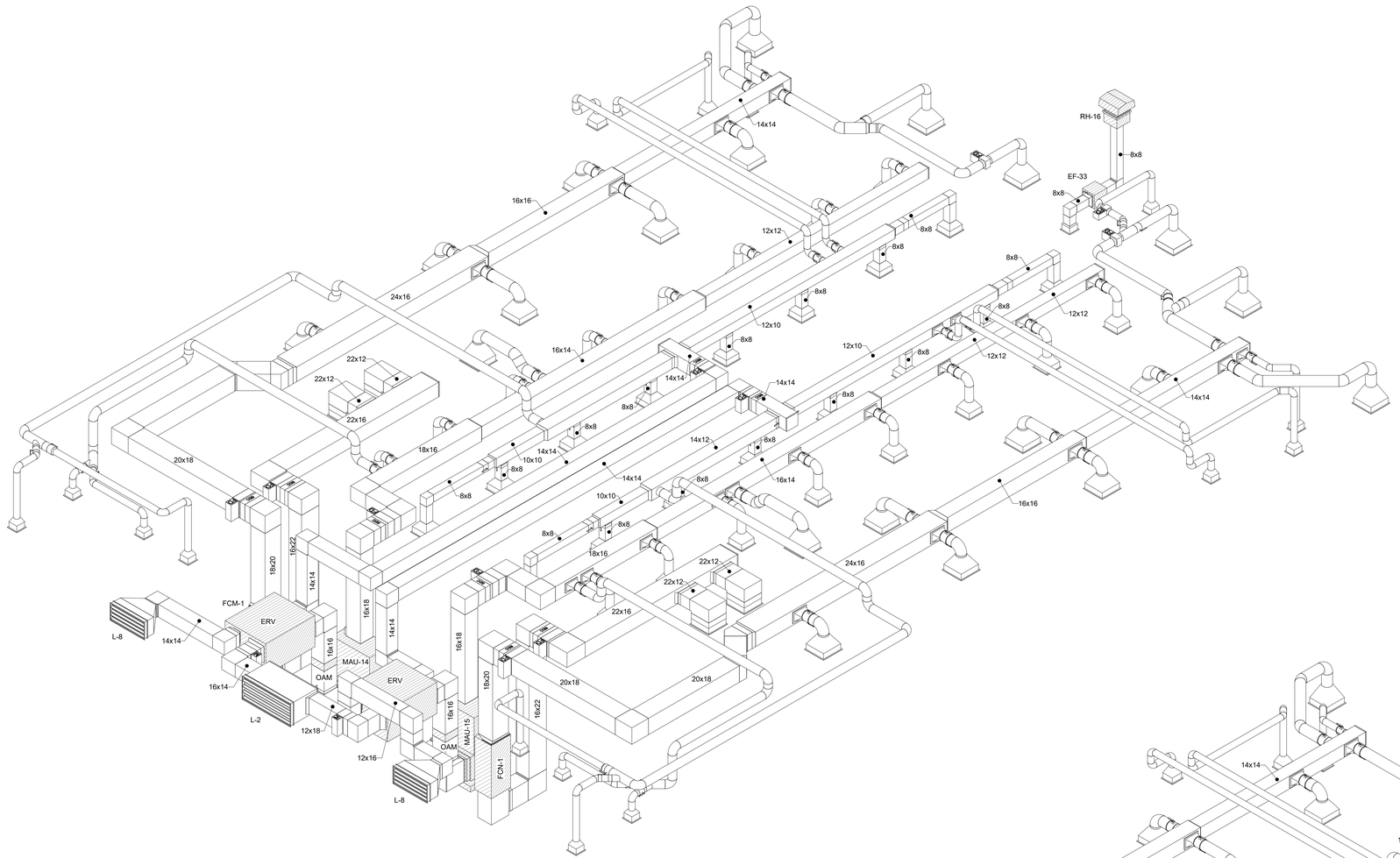
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M404

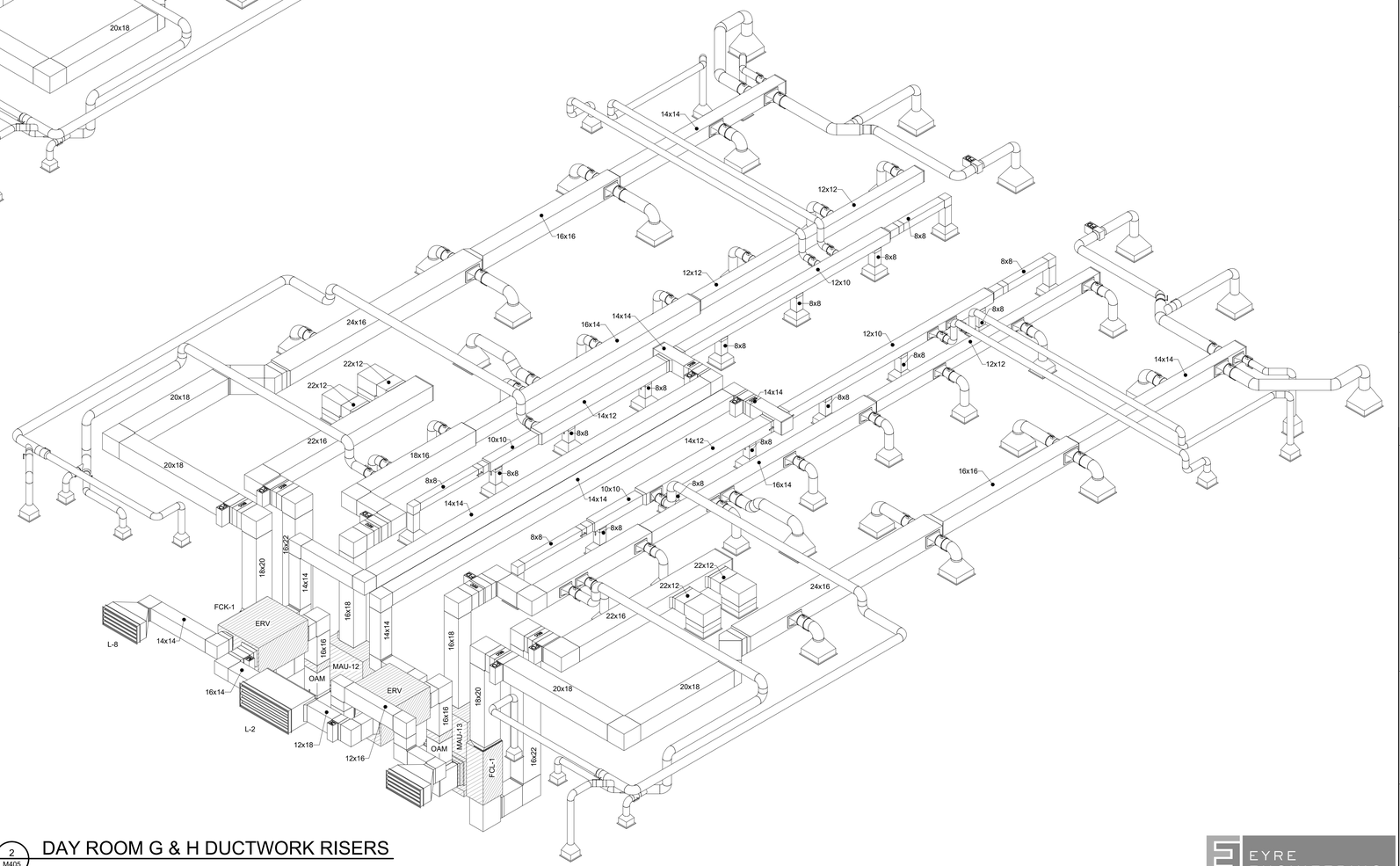
EYRE ENGINEERING

PRINTED: 3-30-2026



1 M405 DAY ROOM D & F DUCTWORK RISERS

DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.



2 M405 DAY ROOM G & H DUCTWORK RISERS

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

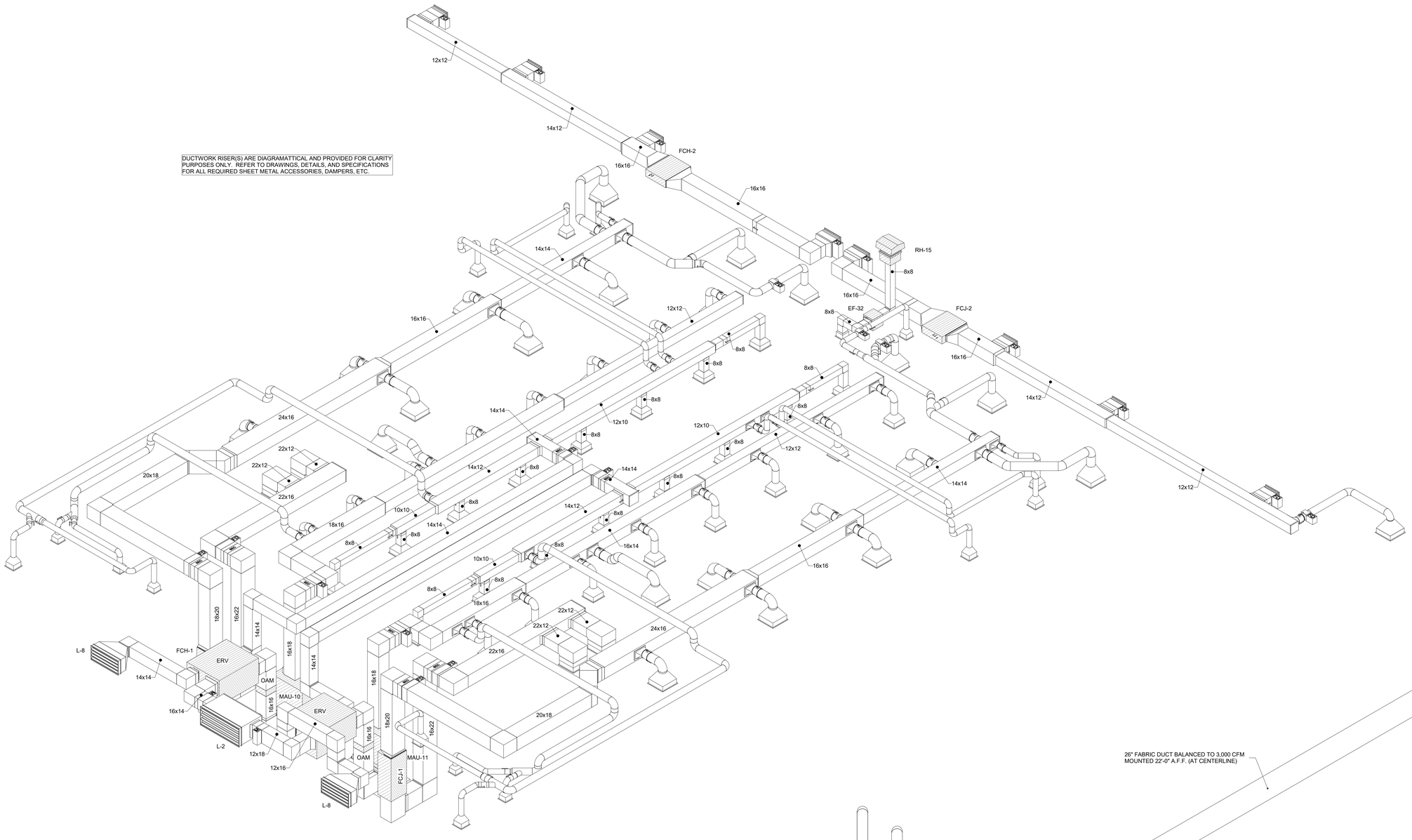
MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M405

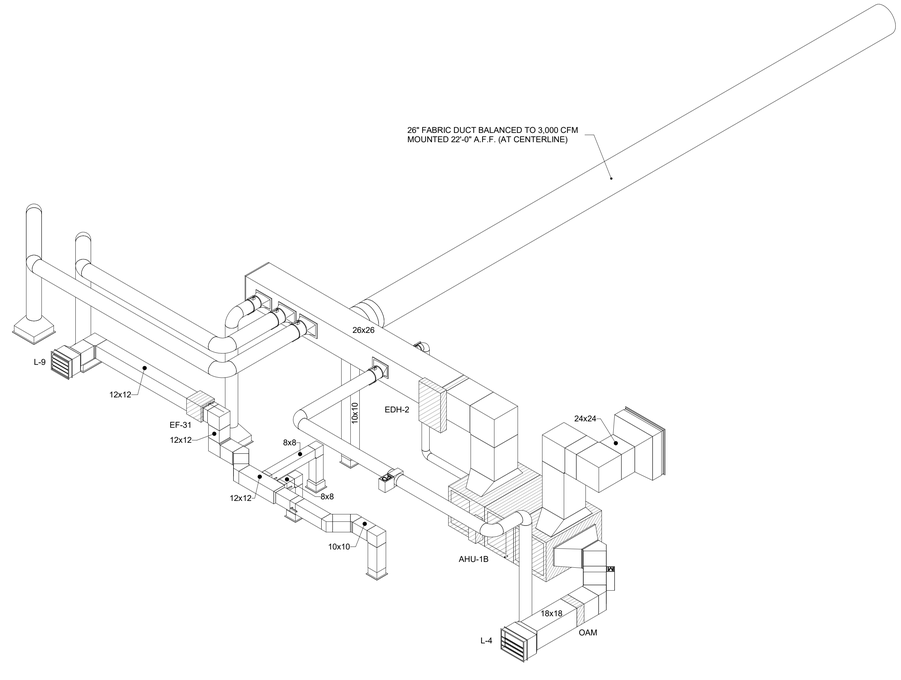
EYRE ENGINEERING

PRINTED: 3-30-2026

DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.



1 M406 DAY ROOM K & L DUCTWORK RISERS



2 M406 GYMNASIUM DUCTWORK RISERS

Grace Design Studios

HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
STATE OF LOUISIANA

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO.: 571506

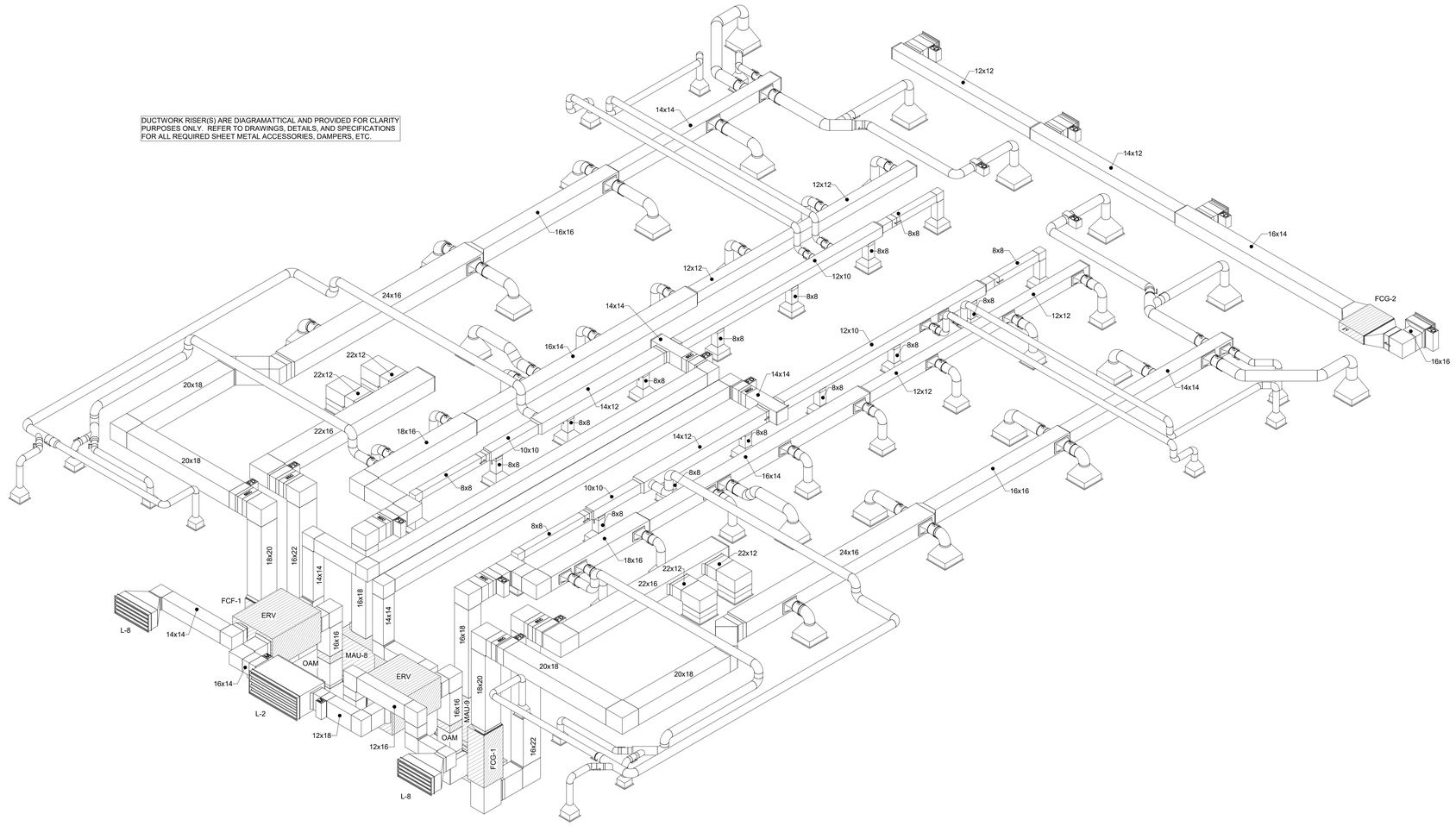
MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M406

EYRE ENGINEERING

PRINTED: 3-30-2026

DUCTWORK RISER(S) ARE DIAGRAMATTICAL AND PROVIDED FOR CLARITY PURPOSES ONLY. REFER TO DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ALL REQUIRED SHEET METAL ACCESSORIES, DAMPERS, ETC.



1 M407 DAY ROOM N & P DUCTWORK RISERS

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE DESIGN STUDIOS, LLC. NO PLAN ROOM, ELECTRONIC MEDIA OR REPRODUCTION COMPANY SHALL BE PERMITTED TO REPRODUCE OR POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01 F.080001655
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

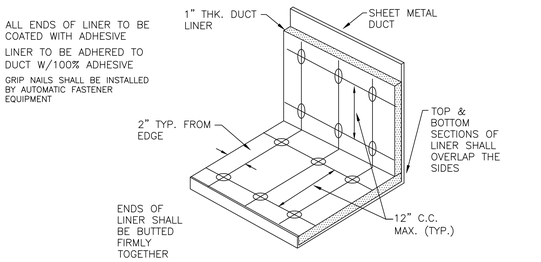
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW AND PRICING
PROJECT NO: 571506

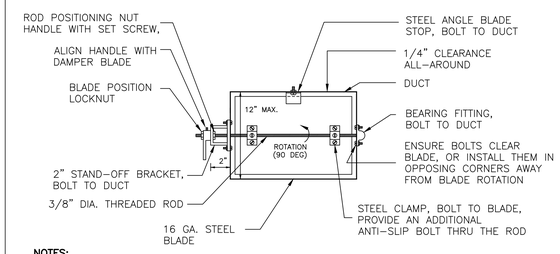
MECHANICAL DUCTWORK RISERS

SHEET NUMBER
M407

EYRE ENGINEERING
PRINTED: 3-30-2026

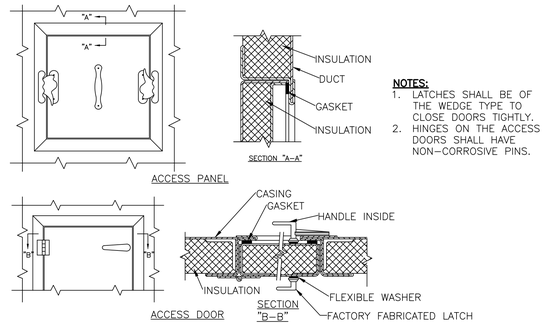


1 NTS DETAIL – DUCT LINER INSTALLATION



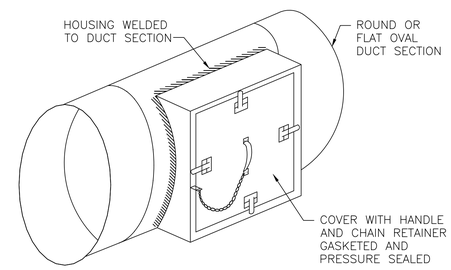
NOTES:
1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
2. ENSURE THAT FULL 90° DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
3. FOR DUCT HEIGHTS MORE THAN 12", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS

2 NTS DETAIL – MANUAL VOLUME DAMPER, TYPICAL



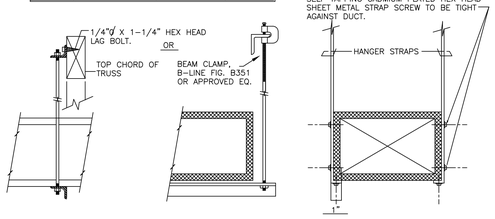
NOTES:
1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.

3 NTS DETAIL – DUCT ACCESS DOOR, TYPICAL



4 NTS DETAIL – ACCESS SECTION FOR ROUND DUCT

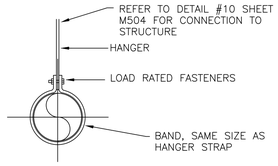
HANGER SUPPORT SCHEDULE			
MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"X18" GAGE STRIP	1½"X1½"X1/8"	10'-0"
36"	1/4" ROUND ROD	2"X2"X1/8"	8'-0"
48"	1/4" ROUND ROD	2"X2"X1/8"	8'-0"
60"	5/16" ROUND ROD	2"X2"X1/8"	8'-0"
84"	3/8" ROUND ROD	2"X2"X1/8"	8'-0"



NOTES:
1. REFER TO ARCH DRAWINGS FOR EXACT STRUCTURE OF BUILDING.
2. REFER TO SPECS FOR INSULATION TYPE

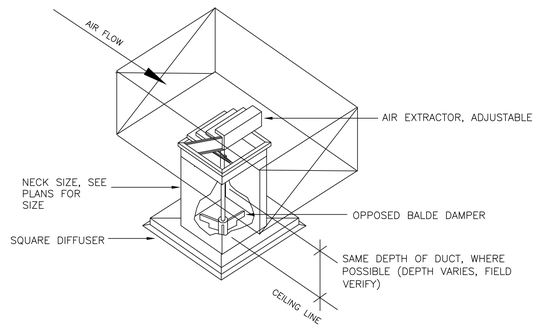
5 NTS DETAIL – RECTANGULAR DUCT SUPPORTS

MINIMUM HANGERS SIZES FOR ROUND DUCT			
DIA.	MIN. SPACING	ROD	STRAP
10" DN	12'0"	1/4"	1"x22 GA.
11"–18"	12'0"	1/4"	1"x22 GA.
19"–24"	12'0"	1/4"	1"x22 GA.
25"–36"	25"–36"	1/4"	1"x20 GA.
37"–50"	12'0"	TWO (2) 3/8"	TWO (2) 1"X18 GA.
51"–60"	12'0"	TWO (2) 3/8"	TWO (2) 1"X18 GA.

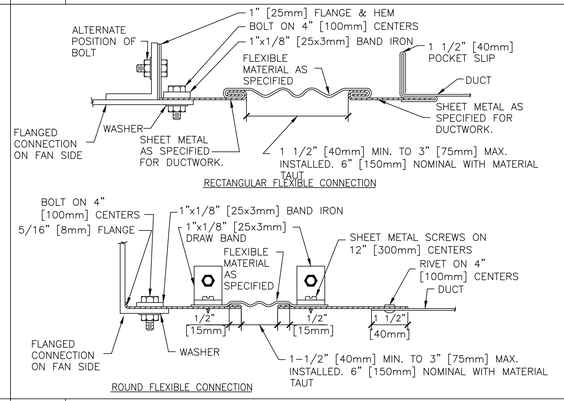


NOTES:
1. REFER TO ARCH DRAWINGS FOR STRUCTURE OF BUILDING.

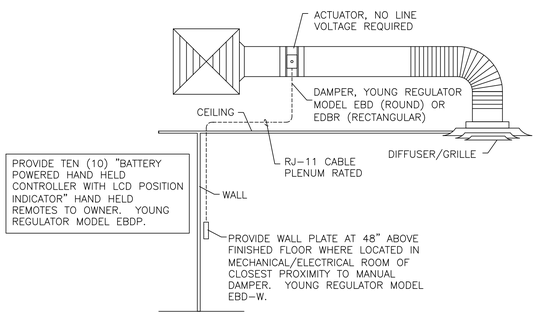
6 NTS DETAIL – ROUND DUCT SUPPORTS



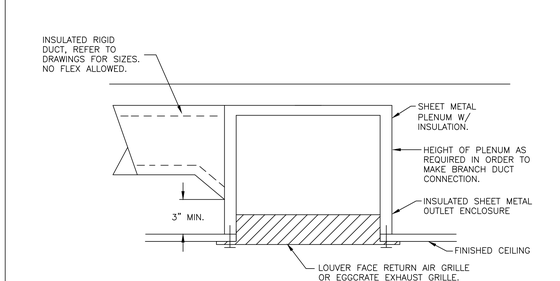
7 NTS DETAIL – RECTANGULAR DUCT DROP TO DIFFUSER, TYPICAL



8 NTS DETAIL – FLEXIBLE EQUIPMENT/DUCT CONNECTIONS

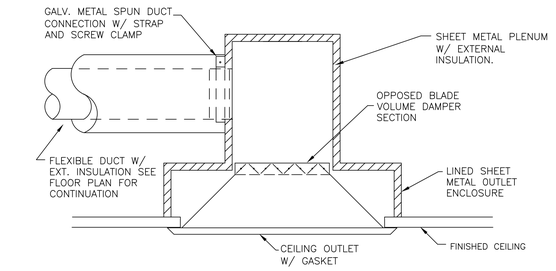


9 NTS DETAIL – REMOTE OPERATED DAMPER, TYPICAL



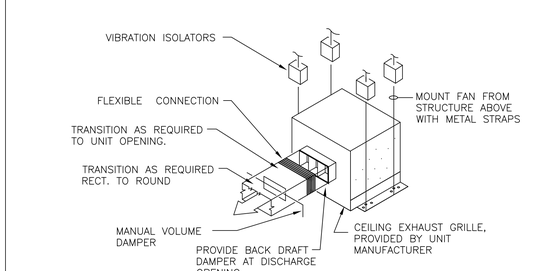
NOTES:
1. RETURN AIR AND OUTSIDE DUCT CONNECTIONS SIMILAR.
2. CONNECTION ON TOP SIMILAR.

10 NTS DETAIL – PLENUM ON REAR OF RETURN/EXHAUST AIR GRILLE



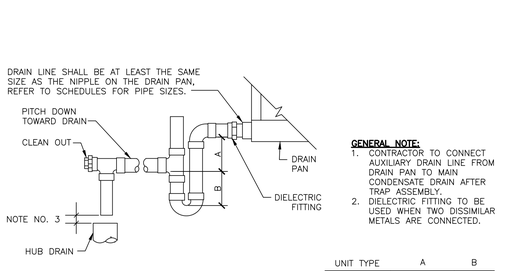
*CONTRACTOR TO PROVIDE INSULATED SHEET METAL PLENUM OF REAR OF SUPPLY GRILLE AND TAP INTO SIDE OF PLENUM WITH BRANCH DUCT. REFER TO DRAWINGS FOR SIZE OF BRANCH DUCT. CONTRACTOR TO USE THIS SETUP ONLY WHEN THE CEILING SPACE DOES NOT ALLOW FOR A SMOOTH ROUND RADIUS ELBOW DOWN TO SUPPLY GRILLE.

11 NTS DETAIL – DIFFUSER PLENUM TAP CONNECTION



NOTES:
1. ALL CABINET TYPE FANS TO COME WITH FACTORY INSTALLED ALUMINUM GRILLE. COLOR OF GRILLE TO BE WHITE.
2. MECHANICAL CONTRACTOR TO PROVIDE FACTORY MOUNTED SPEED CONTROLLER FOR AIR BALANCING AT EVERY CABINET TYPE EXHAUST FAN.

12 NTS DETAIL – CABINET TYPE EXHAUST FAN, TYPICAL



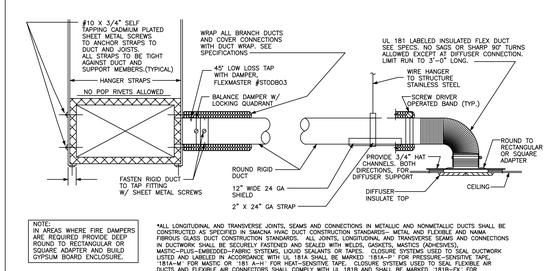
NOTES:
1. REFER TO SCHEDULES FOR SIZE OF CONDENSATE PIPE.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.
3. TWICE THE PIPE DIAMETER, 2" MIN. GAP

GENERAL NOTE:
1. CONTRACTOR TO CONNECT AUXILIARY DRAIN LINE FROM DRAIN PAN TO MAIN CONDENSATE DRAIN AFTER TRAP ASSEMBLY.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE CONNECTED.

UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

13 NTS DETAIL – CONDENSATE DRAIN TRAP



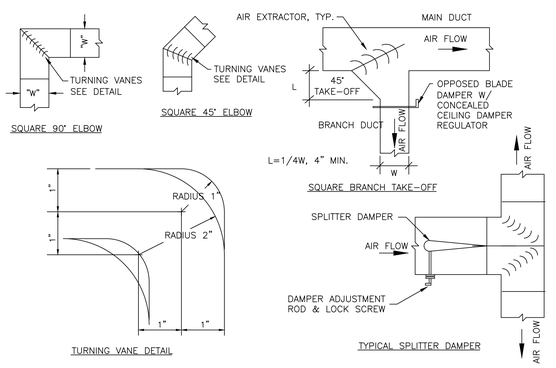
NOTE:
IN AREAS WHERE FIRE DAMPERS ARE REQUIRED PROVIDE DEEP ROUND TO RECTANGULAR OR SQUARE ADAPTER AND BUILD GYPSUM BOARD ENCLOSURE.

NOTE:
PROVIDE SUPPORT ON ALL BRANCH DUCT RUNOUTS. MINIMUM OF TWO SUPPORTS ON BRANCH DUCTS OVER 6'-0" IN LENGTHS.

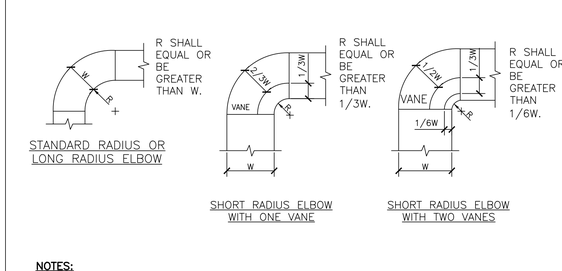
*ALL LONGITUDINAL AND TRANSVERSE JOINTS, SEAMS AND CONNECTIONS IN METALLIC AND NONMETALLIC DUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN SMACNA HVAC DUCT CONSTRUCTION STANDARDS—METAL AND FLEXIBLE AND NAIMA AH116 FIBROUS GLASS DUCT CONSTRUCTION STANDARDS. LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE SECURELY FASTENED AND SEALED WITH TAPE (UNLESS OTHERWISE INDICATED), MASTIC OR GASKETS. MASTIC-PLUS-EMBEDDED-FABRIC SYSTEMS, LIQUID SEALANTS OR TAPES. CLOSURE SYSTEMS USED TO SEAL DUCTWORK LISTED AND LABELED IN ACCORDANCE WITH UL 181A SHALL BE MARKED '181A-P' FOR PRESSURE-SENSITIVE TAPE, '181A-M' FOR MASTIC OR '181 A-H' FOR HEAT-SENSITIVE TAPE. CLOSURE SYSTEMS USED TO SEAL FLEXIBLE AIR DUCTS AND FLEXIBLE AIR CONNECTORS SHALL COMPLY WITH UL 181B AND SHALL BE MARKED '181B-FX' FOR PRESSURE-SENSITIVE TAPE OR '181B-M' FOR MASTIC. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. MECHANICAL FASTENERS FOR USE WITH FLEXIBLE NONMETALLIC AIR DUCTS SHALL COMPLY WITH UL 181B AND SHALL BE MARKED '181B-C'. CLOSURE SYSTEMS USED TO SEAL METAL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. UNLISTED DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY DUCT.

NOTES:
1. NO SPIN COLLARS ALLOWED.
2. 3'-0" FLEX MAX., NO EXCEPTION.
3. ALL EXPOSED DUCT SHALL BE DOUBLE WALL.
4. ALL EXPOSED DUCTWORK AND GRILLES SHALL BE PAINTED, REFER TO ARCHITECT FOR COLOR SELECTION.

14 NTS DETAIL – TYPICAL BRANCH TO DIFFUSER



15 NTS DETAIL – TYPICAL DUCT LAYOUTS



NOTES:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

16 NTS DETAIL – RADIUS DUCT ELBOWS, TYPICAL

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

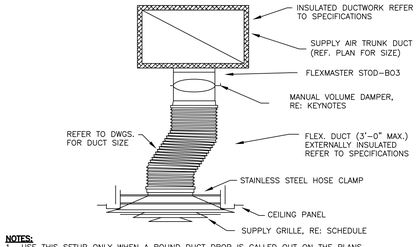
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MECHANICAL DETAILS

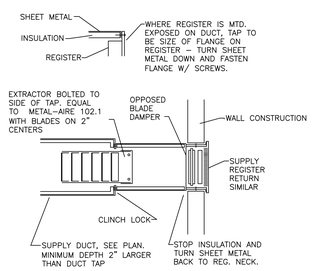
sheet number
M501

EYRE ENGINEERING
PRINTED: 4-1-2026

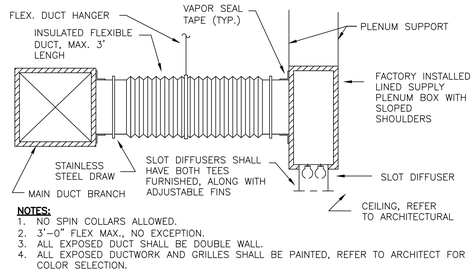


NOTES:
1. USE THIS SETUP ONLY WHEN A ROUND DUCT DROP IS CALLED OUT ON THE PLANS.

1 NTS DETAIL – SUPPLY AIR DROP TO DIFFUSER

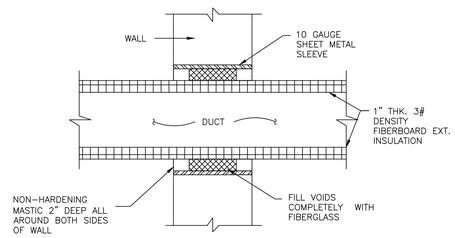


2 NTS DETAIL – SIDEWALL GRILLE, TYPICAL



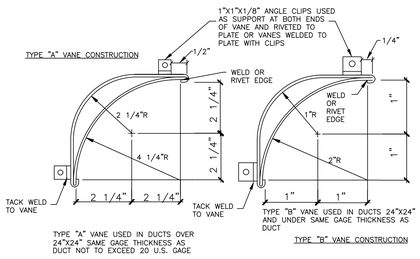
NOTES:
1. NO SPIN COLLARS ALLOWED.
2. 3'-0" FLEX MAX., NO EXCEPTION.
3. ALL EXPOSED DUCT SHALL BE DOUBLE WALL.
4. ALL EXPOSED DUCTWORK AND GRILLES SHALL BE PAINTED, REFER TO ARCHITECT FOR COLOR SELECTION.

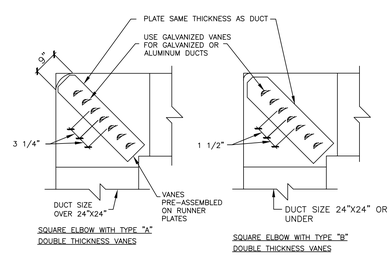
3 NTS DETAIL – BRANCH TO LINEAR DIFFUSER, TYPICAL



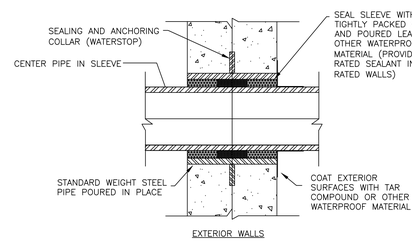
*THIS DETAIL IS APPLICABLE TO DUCTS PASSING THRU CMU BLOCK & PRECAST WALLS.

4 NTS DETAIL – DUCT PENETRATION THRU WALL, TYPICAL

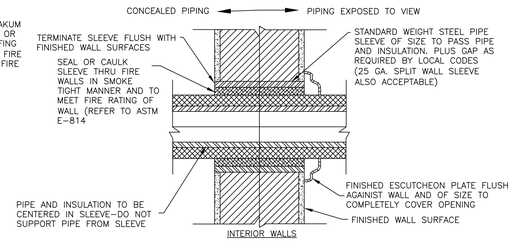




5 NTS DETAIL – TURNING VANES, TYPICAL



*SEAL ALL AROUND ALL SMOKE PARTITION PENETRATIONS AIR TIGHT



6 NTS DETAIL – PIPE PENETRATION THRU WALL, TYPICAL

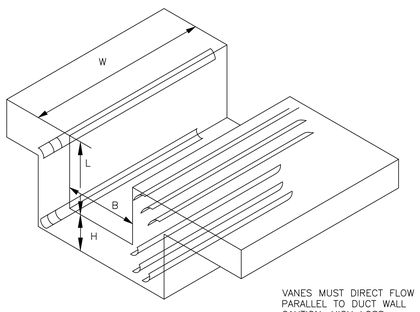


FIG. D

VANES MUST DIRECT FLOW PARALLEL TO DUCT WALL
CAUTION: HIGH LOSS COEFFICIENTS

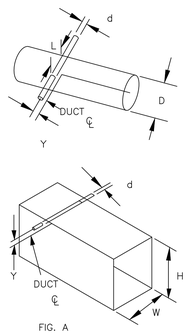


FIG. A

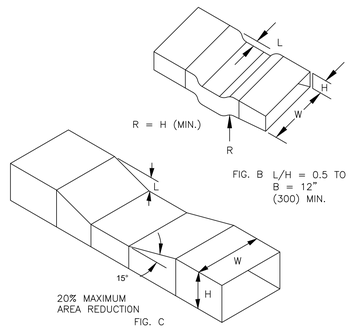
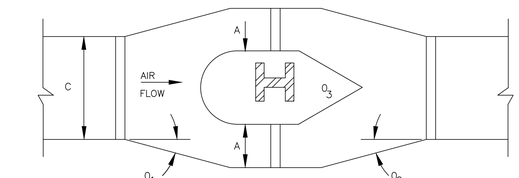


FIG. B L/H = 0.5 TO 2
B = 12" (300) MIN.

FIG. C



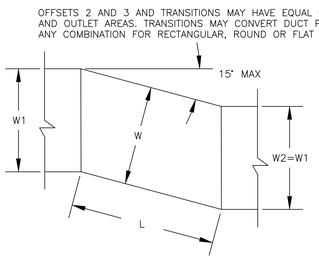
A+B= 1.25C (MIN.) AT CONSTANT DEPTH

FIG. E

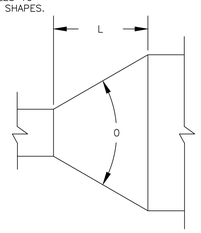
(USED WHEN OBSTRUCTION EXCEEDS 20% OF SECTION AREA AND OFFSETS AROUND ARE NOT POSSIBLE

FIG. A IS APPLICABLE FOR UP TO 20% AREA OBSTRUCTION WITH ROUND SHAPED MEMBER AND 10%%% WITH FLAT PROFILE, Y IS THE DISTANCE FROM DUCT CENTER.

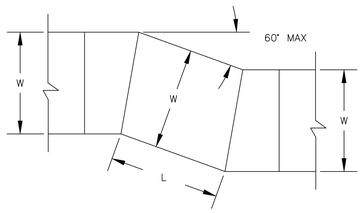
7 NTS DETAIL – DUCTWORK TRANSITIONS FOR OBSTRUCTIONS



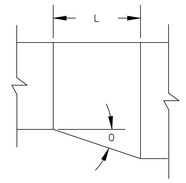
OFFSET TYPE 1 (ANGLED)



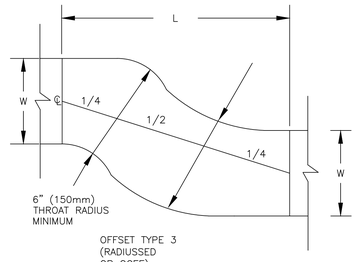
CONCENTRIC TRANSITION
O MAX. 45° DIVERGING, 60° CONVERGING



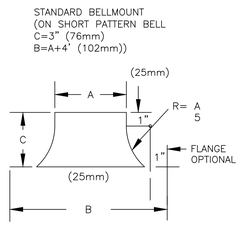
OFFSET TYPE 2 (MITERED)



ECCENTRIC TRANSITION
O MAX. 30
(EXCEPT 45° IS PERMITTED AT ROUND TO FLAT OVAL



OFFSET TYPE 3 (RADIUSSED OR OGEE)



8 NTS DETAIL – DUCTWORK OFFSETS & TRANSITIONS

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

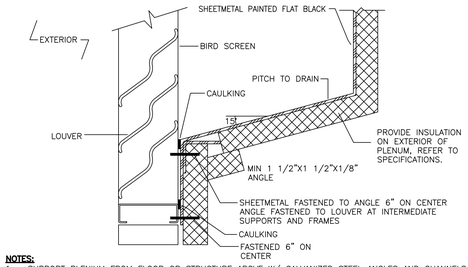
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MECHANICAL DETAILS

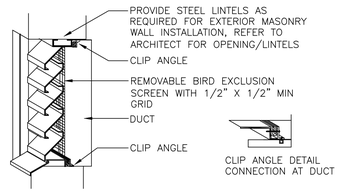
sheet number
M502

EYRE ENGINEERING
PRINTED: 4-1-2026



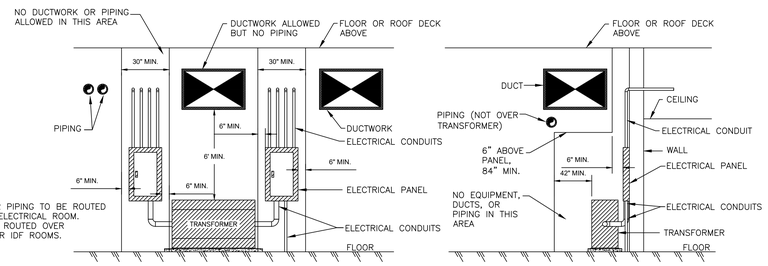
NOTES:
1. SUPPORT PLENUM FROM FLOOR OR STRUCTURE ABOVE W/ GALVANIZED STEEL ANGLES AND CHANNELS.

1 NTS — DETAIL – PLENUM AT LOUVER CONNECTION



NOTES:
1. OVERALL SIZE OF OPENING SHOULD BE 1/4" GREATER IN BOTH DIRECTIONS THAN EXTERNAL DIMENSIONS OF LOUVER. VERIFY WITH MANUFACTURER OF ACTUAL LOUVER SUPPLIED TO PROJECT.
2. USE MULLION CONNECTED SECTIONS FOR WIDTHS GREATER THAN 5'-0".
3. CAULK AND SEAL AROUND PERIMETER OF LOUVER SECTION AT WALL.
4. PROVIDE ALUMINUM EXPANDED BIRD EXCLUSION SCREEN ON INSIDE OF LOUVER. (MIN FREE AREA 80% OF GROSS AREA) ATTACH TO OUTSIDE IF BLADE SEPARATION IS > 2 1/2".
5. CONSTRUCT EXTRUDED LOUVER OF NON-FERROUS CORROSION RESISTANT MATERIAL AND SECURE WITH STAINLESS STEEL FASTENERS
6. PROVIDE BACKER ROD & 100% CLEAR MARINE GRADE SILICONE TO SEAL LOUVER.

2 NTS — DETAIL – EXTERIOR LOUVER, TYPICAL



NOTES:
1. NO DUCTWORK OR PIPING TO BE ROUTED OVER DEDICATED ELECTRICAL ROOM.
2. NO PIPING TO BE ROUTED OVER DEDICATED MDF OR IDF ROOMS.

3 NTS — DETAIL – ELECTRICAL EQUIPMENT COORDINATION WITH FOREIGN SYSTEMS PER NEC

NOTES:
1. DIMENSIONS OTHER THAN GAGE ARE IN INCHES.
2. TABLES ALLOW FOR DUCT WEIGHT,1 LB./SF INSULATION WEIGHT AND NORMAL REINFORCEMENT AND TRAPEZE WEIGHT, BUT NO EXTERNAL LOADS!
3. FOR CUSTOM DESIGN OF HANGERS, DESIGNERS MAY CONSULT SMACNA'S RECTANGULAR INDUSTRIAL DUCT STANDARDS, THE AISI COLD FORMED STEEL DESIGN MANUAL AND THE AISC STEEL CONSTRUCTION MANUAL.
4. STRAPS ARE GALVANIZED STEEL; OTHER MATERIALS ARE UNCOATED STEEL.
5. ALLOWABLE LOADS FOR P/2 ASSUME THAT DUCTS ARE 16 ga. MAXIMUM, EXCEPT THAT WHEN MAXIMUM DUCT DIMENSION (W) IS OVER 60" THEN P/2 MAXIMUM IS 1.25 W.
6. 12,10, OR 8 ga. WIRE IS STEEL OF BLACK ANNEALED, BRIGHT BASIC, OR GALVANIZED TYPE

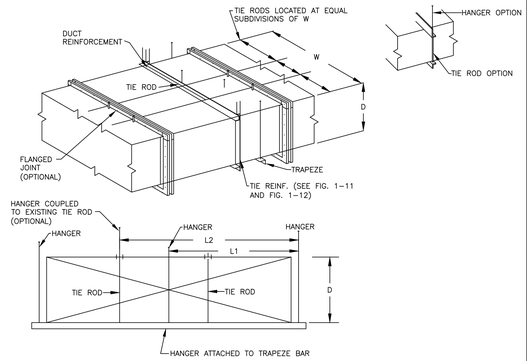
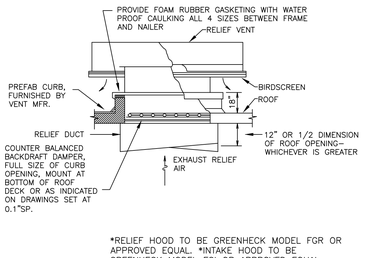


TABLE 4–1
RECTANGUAR DUCT HANGERS
MINIMUM SIZE

MAXIMUM HALF OF DUCT PERIMETER	PAIR AT 10 FT SPACING		PAIR AT 8 FT SPACING		PAIR AT 5 FT SPACING		PAIR AT 4 FT SPACING	
	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD
P/2=30"	1" X 22 ga.	10 ga. (.135)	1" X 22 ga.	10 ga. (.135)	1" X 22 ga.	12 ga. (.135)	1" X 22 ga.	12 ga. (.135)
P/2=72"	1" X 18 ga.	3/8	1" X 20 ga.	1/4	1" X 22 ga.	1/4	1" X 22 ga.	1/4
P/2=96"	1" X 16 ga.	3/8	1" X 18 ga.	3/8	1" X 20 ga.	3/8	1" X 22 ga.	1/4
P/2=120"	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 18 ga.	3/8	1" X 20 ga.	1/4
P/2=168"	1 1/2" X 16 ga.	1/2	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 18 ga.	3/8
P/2=192"	NOT GIVEN	1/2	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 16 ga.	3/8
P/2=193" UP	SPECIAL ANALYSIS REQUIRED							

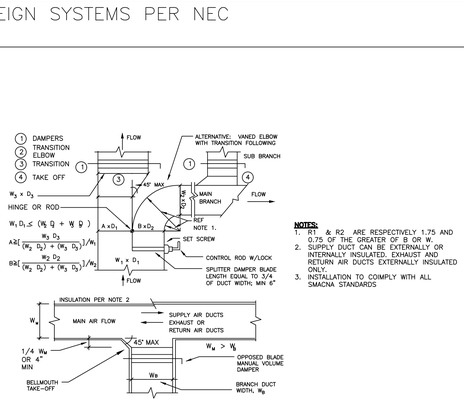
WHEN STRAPS ARE LAP JOINED USE THESE MINUMUM FASTENERS:	SINGLE HANGER MAXIMUM ALLOWABLE LOAD	
	STRAP	WIRE OR ROD (DIA.)
1" X 18,20,22 ga. –TWO #10 OR ONE 1/4" BOLT 1" X 16 ga. –TWO 1/4" DIA. 1 1/2" X 16 ga. –TWO 3/8" DIA. PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE	1" X 22 ga.–260 LBS. 1" X 20 ga.–1320 LBS. 1" X 18 ga.–420 LBS. 1" X 16 ga.–700 LBS. 1 1/2" X 16 ga.–1100 LBS.	0.106"–80 LBS. 0.135"–120 LBS. 0.162"–160 LBS. 1/4"–270 LBS. 3/8"–680 LBS. 1/2"–1250 LBS. 5/8"–200 LBS. 3/4"–3000 LBS.

4 NTS — DETAIL – LARGE DUCT SUPPORTS, TYPICAL



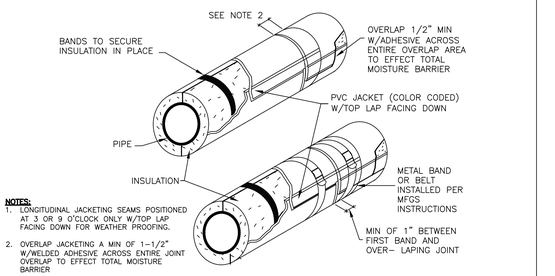
*RELIEF HOOD TO BE GREENHECK MODEL FGR OR APPROVED EQUAL. *INTAKE HOOD TO BE GREENHECK MODEL FGI OR APPROVED EQUAL.

5 NTS — DETAIL – ROOF HOOD, TYPICAL



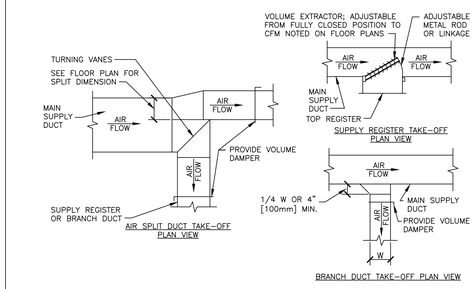
NOTES:
1. R1 & R2 ARE RESPECTIVELY 1.75 AND 0.75 OF THE GREATER OF B OR W.
2. SUPPLY DUCT CAN BE EXTERNALLY OR INTERNALLY INSULATED. EXHAUST AND RETURN AIR DUCTS EXTERNALLY INSULATED ONLY.
3. INSTALLATION TO COMPLY WITH ALL SMACNA STANDARDS

6 NTS — DETAIL – DUCT MAIN BRANCH TAKEOFFS, TYPICAL



NOTES:
1. LONGITUDINAL JACKETING SEAMS POSITIONED AT 3 OR 9 O'CLOCK ONLY W/TOP LAP FACING DOWN FOR WEATHER PROOFING.
2. OVERLAP JACKETING A MIN OF 1–1/2" W/WELDED ADHESIVE ACROSS ENTIRE JOINT OVERLAP TO EFFECT TOTAL MOISTURE BARRIER

7 NTS — DETAIL – FIELD APPLIED PVC JACKET WITH INSULATION



8 NTS — DETAIL – SUPPLY AIR DUCT TAKEOFFS, TYPICAL

9 NTS — DETAIL – AIR TRANSFER ASSEMBLY, TYPICAL

NOTE:
1. INSULATED OR NON–INSULATED, ABOVE GRADE

10 NTS — DETAIL – PIPE FIREWALL PENETRATION, TYPICAL

NOTES:
1. FIRE DAMPER AT FLOOR PENETRATION SIMILAR.
2. PROVIDE ACCESS DOOR IN DUCTWORK AT ALL

11 NTS — DETAIL – FIRE DAMPER INSTALLATION, RECTANGULAR & ROUND DUCT

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

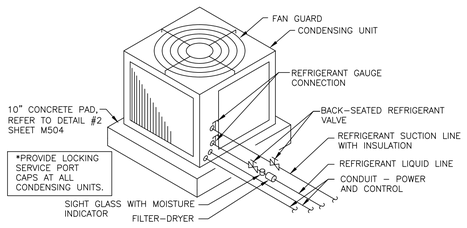
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

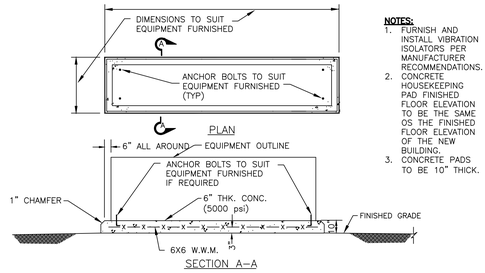
MECHANICAL DETAILS

sheet number
M503



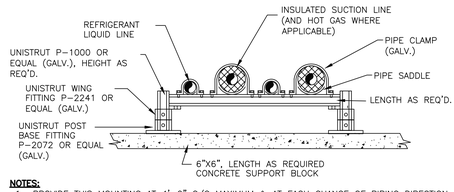
NOTES:
1. ALL CONDENSING UNITS TO COME WITH SUCTION ACCUMULATORS.
2. REFRIGERANT CIRCUIT ACCESS PORTS SHALL BE FITTED WITH LOCKING-TYPE TAMPER-RESISTANT CAPS OR SHALL BE OTHERWISE SECURED TO PREVENT UNAUTHORIZED ACCESS.

1 NTS DETAIL – CONDENSING UNIT, TYPICAL



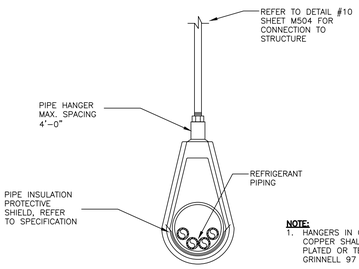
NOTES:
1. FURNISH AND INSTALL VIBRATION ISOLATORS PER MANUFACTURER RECOMMENDATIONS.
2. CONCRETE HOUSEKEEPING PAD FINISHED FLOOR ELEVATION TO BE THE SAME OS THE FINISHED FLOOR ELEVATION OF THE NEW BUILDING.
3. CONCRETE PADS TO BE 10" THICK.

2 NTS DETAIL – CONCRETE HOUSEKEEPING PAD, TYPICAL



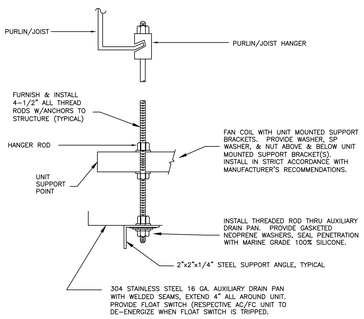
NOTES:
1. PROVIDE THIS MOUNTING AT 4'-0" C/C MAXIMUM & AT EACH CHANGE OF PIPING DIRECTION.
2. UNISTRUT SHALL ALSO SUPPORT ELECTRICAL CONDUIT TO CONDENSING UNITS.
3. IF NUMBER OF PIPES/CONDUIT EXCEED 5, CONTRACTOR SHALL STACK UNISTRUT AND SUPPORT ACCORDINGLY.
4. NEOPRENE SLEEVES SHALL SEPERATE GALVANIZED PIPE CLAMPS FROM COPPER REFRIGERANT PIPING IN ORDER TO PREVENT CORROSION.

3 NTS DETAIL – GROUND REFRIGERANT PIPE SUPPORTS

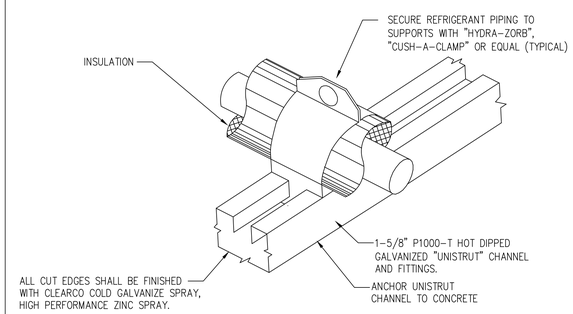


NOTE:
1. HANGERS IN CONTACT WITH COPPER SHALL BE COPPER PLATED OR TEFLON COATED. GRINNELL 97 OR 97C

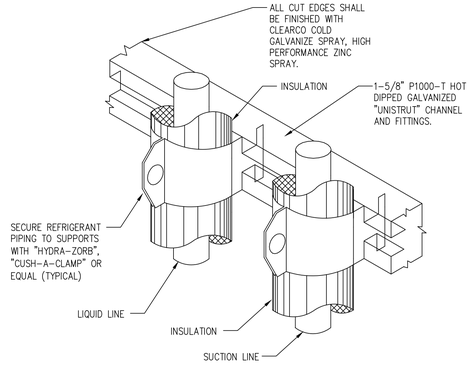
4 NTS DETAIL – REFRIGERANT PIPE SUPPORTS, TYPICAL



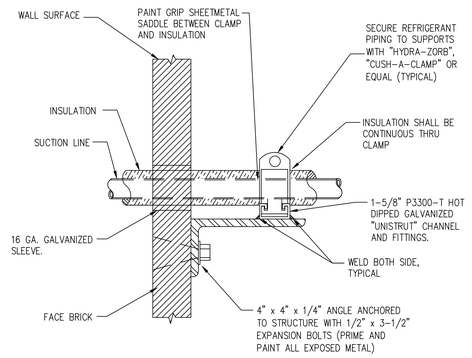
5 NTS DETAIL – VRF FC HANGER & DRAIN PAN INSTALLATION



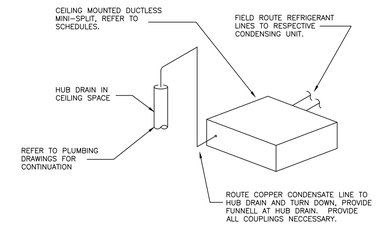
6 NTS DETAIL – REFRIGERANT PIPE SUPPORT

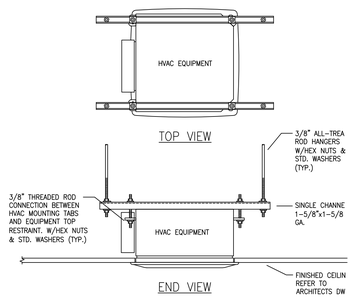


7 NTS DETAIL – REFRIGERANT PIPE SUPPORT



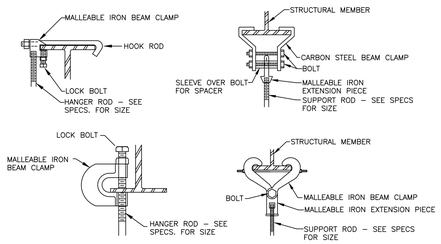
8 NTS DETAIL – REFRIGERANT PIPE SUPPORT AT WALL



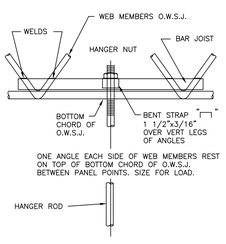


9 NTS DETAIL – CEILING CASSETTE FC INSTALLATION

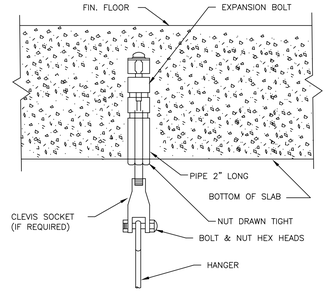
*CONTRACTOR TO HANG ALL DUCTWORK, PIPING, ETC. AT EVERY STRUCTURAL ROOF JOIST MEMBER, TYPICAL EVERY 2'-0" ON CENTER. AS TO NOT OVERLOAD THE ROOF STRUCTURE. NO EXCEPTION, TYPICAL ALL HVAC, PLUMBING, & SPRINKLER SYSTEMS.



BEAM CLAMPS FOR PIPE OR EQUIPMENT SUPPORT



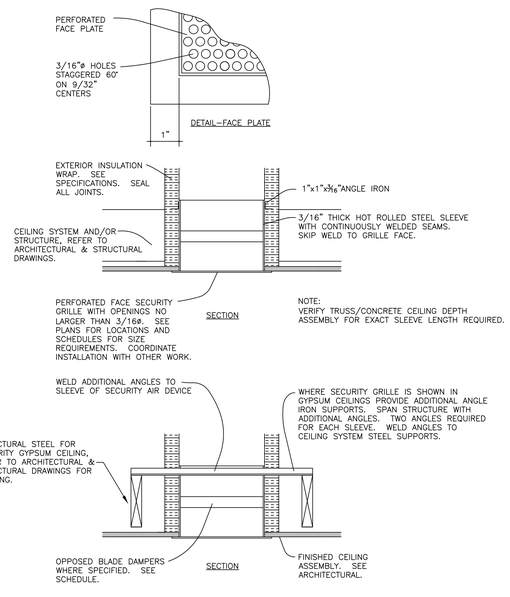
STEEL BAR JOIST PIPE SUPPORT



CONCRETE ANCHOR

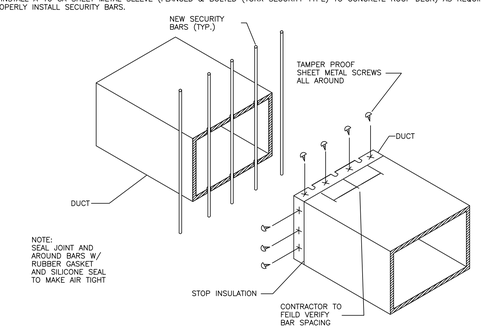
10 NTS DETAIL – SUPPORTS/ANCHOR CONNECTIONS

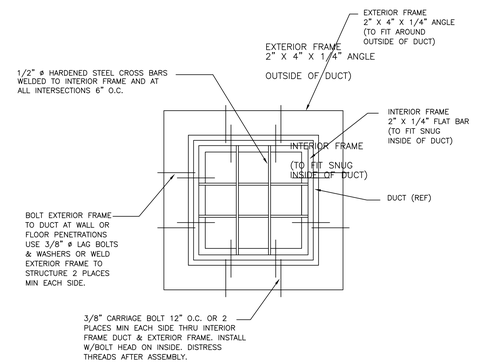
TYPICAL SECURITY GRILLE INSTALLATION:
1. PERFORATED SECURITY GRILLE SHOWN, PRICE MODEL MSRRP. THE INSTALLATION OF MSRRG IS SIMILAR.
2. THIS INSTALLATION IS TYPICAL OF ALL SECURITY AIR DEVICES (TAGS "AA","BB","CC","DD","EE","FF","GG",ETC.)



11 NTS DETAIL – SECURITY GRILLE INSTALLATION, TYP.

GENERAL NOTES:
1. ALL DUCT PENETRATIONS (GREATER THAN 4" IN DIAMETER) THRU WALLS THAT RUN TO ROOF DECK SHALL HAVE SECURITY BARS INSTALLED WITHIN DUCTWORK AT WALL PENETRATION. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALLS TO ROOF DECK. SECURITY BARS TO BE 6" ON CENTERS.
2. PROVIDE SECURITY BARS AT ALL ROOF PENETRATIONS.
3. WHERE ROOF DECK PENETRATION IS OPEN TO SPACE BELOW (VAULT ROOF PENETRATION, ETC.) THE CONTRACTOR IS TO PROVIDE & INSTALL A 10 GA SHEET METAL SLEEVE (FLANGED & BOLTED (TORX SECURITY TYPE) TO CONCRETE ROOF DECK) AS REQUIRED TO PROPERLY INSTALL SECURITY BARS.





12 NTS DETAIL – SECURITY BAR DUCT OPENING

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

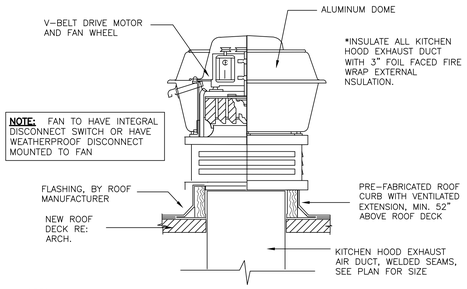
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

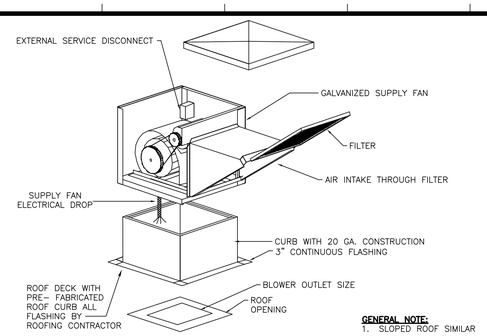
MECHANICAL DETAILS

sheet number
M504



NOTES:
1. PROVIDE HINGE KIT FOR KITCHEN EXHAUST FAN.
2. PROVIDE VENTED CURB EXTENSION.

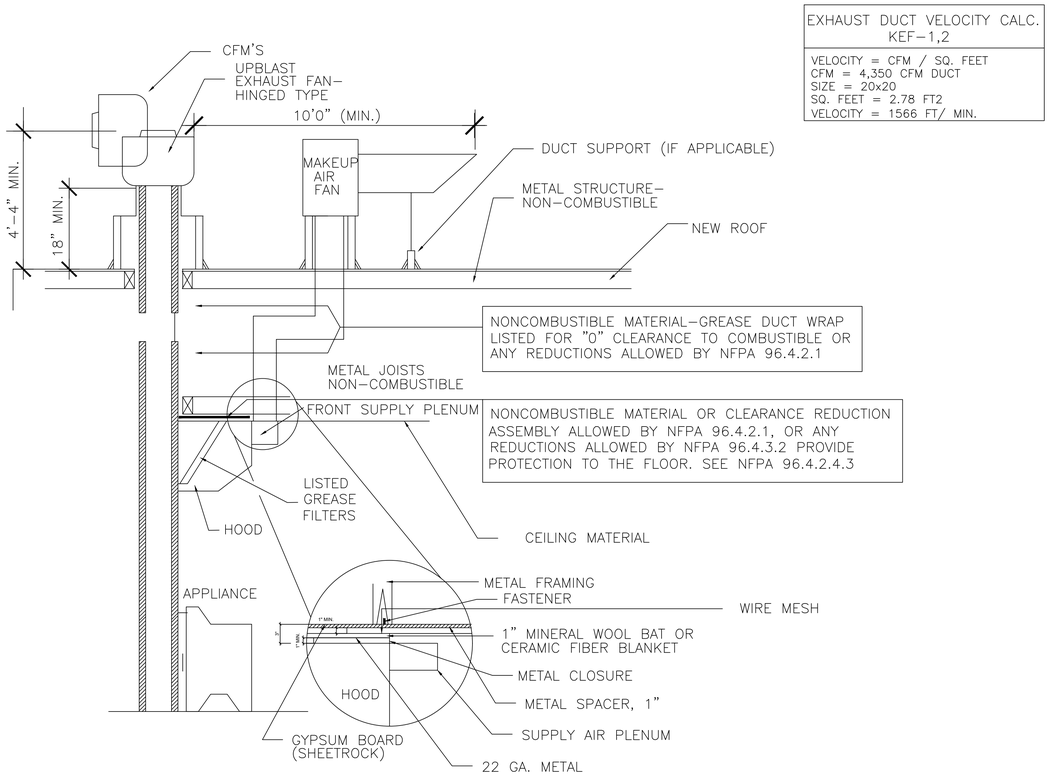
1 NTS DETAIL – UPBLAST EXHAUST FAN, KEF–1,2



NOTES:
1. PROVIDE LOCAL POWER DISCONNECT FOR SERVICING UNIT.
2. PROVIDE BIRD AND DEBRIS SCREEN INTERNAL TO HOUSING.
3. PROVIDE ALL WELDED ALUMINUM CURB FOR ALL ROOF MOUNTED FANS ON METAL BUILDING ROOF.
4. TEMPERED MAKEUP AIR SUPPLY FAN INSTALLATION SIMILAR, REFER TO CONDENSATE TRAP DETAIL & GAS CONNECTION TO EQUIPMENT DETAIL.

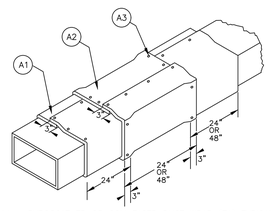
GENERAL NOTE:
1. SLOPED ROOF SIMILAR

2 NTS DETAIL – KITCHEN HOOD SUPPLY FAN



5 NTS DETAIL – TYPICAL HOOD & DUCT INSTALLATION W/CLEARANCE REDUCTION MATERIALS

PYROSCAT FASTR DUCT WRAP (2HR–1 LAYER) SYSTEM



A1 PYROSCAT FP OR CSM FASTR DUCT WRAP (F1) TYPICAL–BOTTOM PIECE
A2 PYROSCAT FP OR CSM FASTR DUCT WRAP (FI TYPICAL– TOP PIECE
A3 STEEL INSULATION PINS AT 3" OVERLAPS (TYPICAL) ALUMINUM TAPE (NOT SHOWN) USED OVER EXPOSED EDGES OF BLANKET

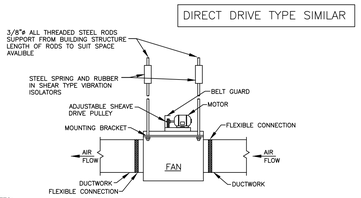
NOTE: FOR DETAILED INSTRUCTIONS REFER TO " PYROSCAT GUIDE TO INSTALLATION"

3 NTS DETAIL – FIRE RATED DUCT WRAP

GENERAL NOTES:
1. PROVIDE ACCESS PANEL EVERY 10'–0" AND AT ALL CHANGES IN DIRECTION.

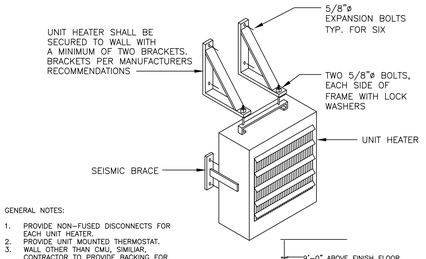
4 NTS DETAIL – GREASE DUCT ACCESS PANEL

DIRECT DRIVE TYPE SIMILAR



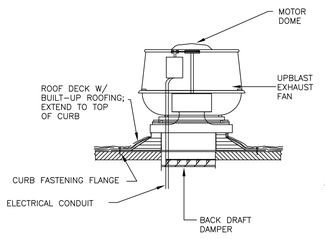
NOTES:
1. PROVIDE FACTORY MOUNTED SPEED CONTROLLER FOR ALL DIRECT DRIVE FANS.
2. SUPPLY FAN TO COME WITH FILTER RACK.

6 NTS DETAIL – INLINE EXHAUST FAN, TYPICAL



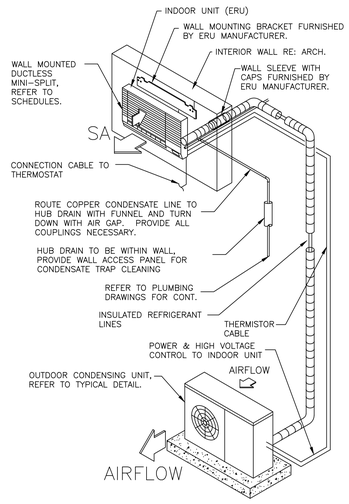
GENERAL NOTES:
1. PROVIDE NON–FUSED DISCONNECTS FOR EACH UNIT HEATER.
2. PROVIDE UNIT MOUNTED THERMOSTAT.
3. WALL OTHER THAN CMU, SIMILIAR, CONTRACTOR TO PROVIDE BACKING FOR SUPPORT.
4. FILL CMU WITH GROUT IN PROXIMITY OF BOLTS (TYP.) FOR CMU WALLS.

7 NTS DETAIL – ELECTRIC UNIT HEATER, TYPICAL

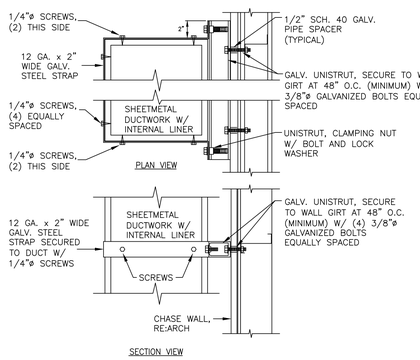


GENERAL NOTES:
1. PROVIDE UNIT COMPLETE W/CURB, DIRECT OR BELT DRIVEN AS REQD, BELT DRIVEN SHOWN.
2. PROVIDE LOCAL POWER DISCONNECT FOR SERVICING UNIT.
3. PROVIDE BIRDSCREEN INTERNAL TO HOUSING.
4. FLAT ROOF INSTALLATION SHOWN. PITCHED ROOF INSTALLATION SIMILAR.

8 NTS DETAIL – UPBLAST EXHAUST FAN



13 NTS DETAIL – DUCTLESS MINISPLIT INSTALLATION



10 NTS DETAIL – VERTICAL DUCT SUPPORTS, TYPICAL

11 NTS DETAIL – NOT USED

12 NTS DETAIL – NOT USED

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

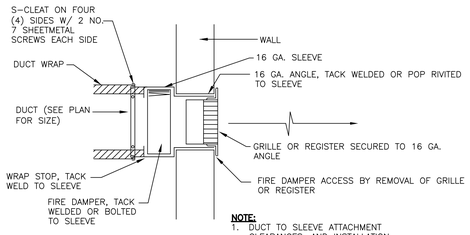
PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

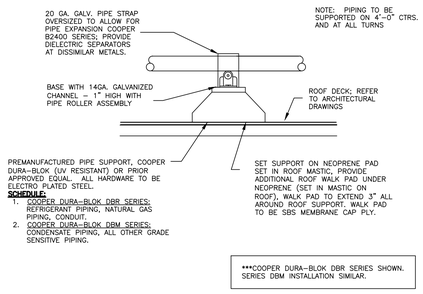
MECHANICAL DETAILS

sheet number
M505



NOTE:
1. DUCT TO SLEEVE ATTACHMENT CLEARANCES, AND INSTALLATION SHALL CONFORM TO LATEST U.L. REQUIREMENTS

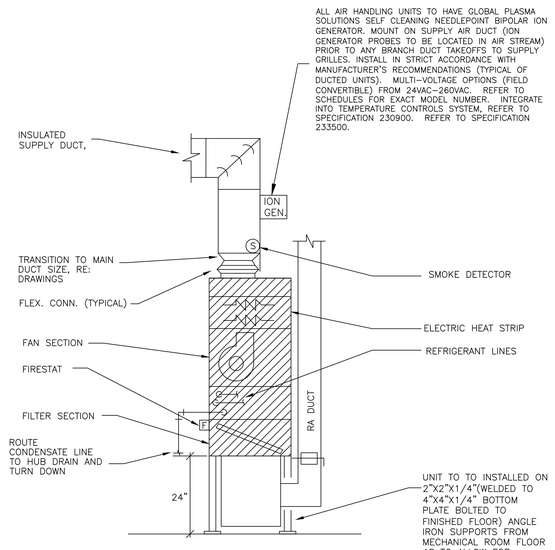
1 NTS DETAIL – FIRE DAMPER AT SIDEWALL GRILLE



SCHEDULE:
1. COOPER DURA-BLOK DBR SERIES; REFRIGERANT PIPING, NATURAL GAS PIPING, CONDUIT.
2. COOPER DURA-BLOK DBM SERIES; CONDENSATE PIPING, ALL OTHER GRADE SENSITIVE PIPING.

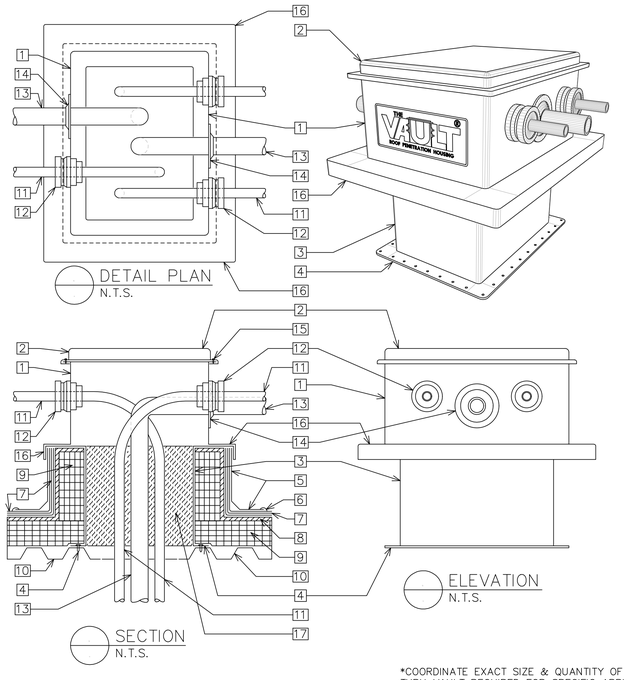
***COOPER DURA-BLOK DBR SERIES SHOWN. SERIES DBM INSTALLATION SIMILAR.

2 NTS DETAIL – ROOF PIPE SUPPORTS, TYPICAL



GENERAL NOTES:
1. THIS SETUP IS TYPICAL OF ALL AIR HANDLING UNITS.
2. ALL DRAINS TO BE INDIRECT, DO NOT HARD CONNECT DRAIN LINES.
3. PROVIDE MOTORIZED DAMPERS IN RETURN AIR & OUTSIDE AIR. REFER TO CONTROLS SPECIFICATIONS ON EXACT OPERATION OF MOTORIZED DAMPERS.
4. SMOKE DAMPER IN SUPPLY & RETURN REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 15,000 CFM.
5. SMOKE DETECTOR IN R/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. SMOKE DETECTOR IN S/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. REFER TO SCHEDULES FOR CFM OF AIR HANDLING UNIT.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, SUPPORT SYSTEM, S/A DUCT PLACEMENT, ETC.
7. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS PRIOR TO PROJECT GROUND BREAKING AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR/HUB DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT. PROVIDE SHEET METAL ENCLOSURE ALL AROUND FLOOR DRAIN WITHIN MECHANICAL ROOMS USED AS RETURN AIR PLENUM WITH TOP REMOVABLE ACCESS COVER.
8. INTERCONNECT SMOKE DETECTORS WITH FIRE ALARM. UNIT TO DE-ENERGIZE WHEN SMOKE IS DETECTED.
9. ALL MOTORIZED DAMPERS AND MANUAL VOLUME DAMPERS ARE TO BE ACCESIBLE FROM MECHANICAL PLATFORM, NO EXCEPTION.

3 NTS DETAIL – VERTICAL FAN COIL/AIR HANDLING UNIT INSTALLATION, TYPICAL



THE VAULT® AWI Models

ROOF PENETRATION HOUSING W/ICE

LEGEND
1. THE VAULT
2. MATCHING WIND RATED ALUMINUM COVER
3. MATCHING ALUMINUM CURB 18" HIGH MIN. CURB MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. CURB FLANGE, FASTEN TO ROOF DECK
5. SBS FLASHING MEMBRANE
6. CONTINUOUS CAULK WITH RUBBERIZED ASPHALT SEALANT
7. ROOFING SYSTEM
8. RECOVERY BOARD
9. RIGID INSULATION
10. METAL ROOF DECK
11. CONDUIT, PIPE, REFRIGERANT LINE, ETC. SIZES FROM 0.25" THRU 1.90" O.D.
12. SERIES 5000 EXIT SEAL FOR SIZES FROM 0.25" THRU 1.90" O.D.
13. CONDUIT, PIPE, REFRIGERANT LINE, ETC. SIZES FROM 1.90" THRU 15" O.D.
14. SERIES 6000 & 7000 EXIT SEAL FOR SIZES FROM 1.90" THRU 15" O.D.
15. VANDAL RESISTANT STAINLESS SCREWS
16. ICE INSULATED CURB EXTENSION
17. CURB VOID TO BE INSULATED BY OTHERS TO MATCH R-RATING OF ROOF ASSEMBLY

CONTACT RPH AT 1-800-994-0945

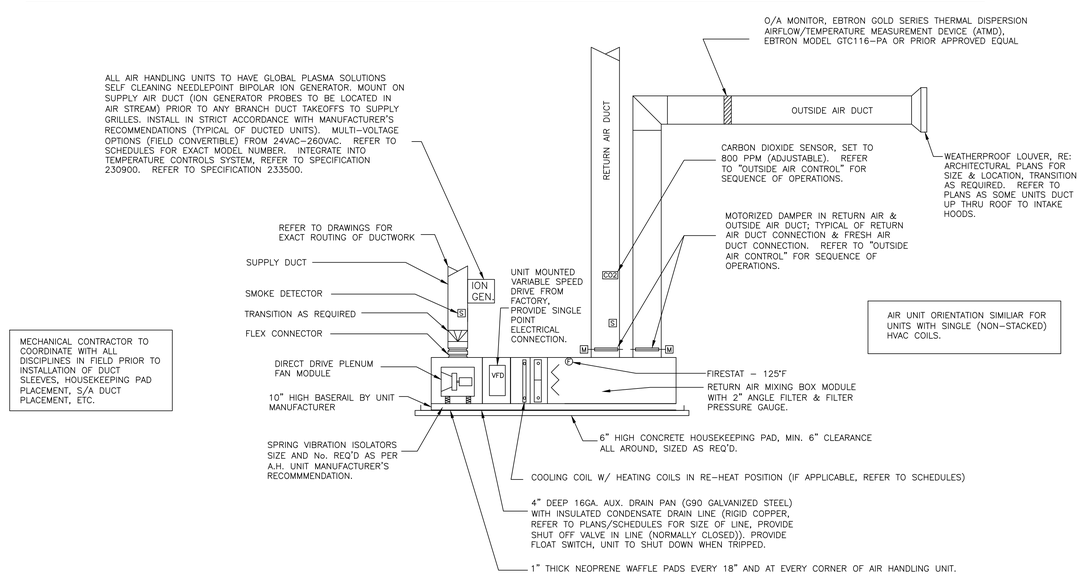
ALL VAULT® ICE (AWI) MODELS COMPLY WITH ICC 2015 SECTION C402.1 – BUILDING ENVELOPE ROOF INSULATION INTEGRITY AND AIR LEAKAGE AND FEMA/ICC-500

CONTRACTOR IS RESPONSIBLE TO PROVIDE VAULT AND APPROPRIATE TRADES TO PROVIDE EXIT SEALS.

*COORDINATE EXACT SIZE & QUANTITY OF PENETRATIONS THRU VAULT REQUIRED FOR SPECIFIC APPLICATIONS PRIOR TO ORDERING.

4 NTS DETAIL – "THE VAULT" ROOF PENETRATION HOUSING

OUTSIDE AIR CONTROL:
1. PROVIDE OUTSIDE AIR FLOW MONITOR IN FRESH AIR DUCT AT AIR HANDLING UNIT.
2. A MINIMUM OUTSIDE AIR FLOW CONTROL SHALL BE PROVIDED TO CONTROL MINIMUM OUTSIDE AIR FLOW RATE REGARDLESS OF AHU SUPPLY FAN AIR FLOW RATE. MINIMUM OUTSIDE AIR CONTROL WILL BE MAINTAINED BY CONTROLLING THE OUTSIDE AIR & RETURN AIR MOTORIZED DAMPER IN SEQUENCE TO MAINTAIN OUTSIDE AIR FLOW RATE.
3. A CARBON DIOXIDE (CO2) SENSOR MOUNTED IN THE RETURN AIR DUCT WILL TRANSMIT CARBON DIOXIDE LEVELS TO THE DDC PANEL. THE DDC CONTROLLER WILL MODULATE THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER IN SEQUENCE TO MAINTAIN A CO2 SET POINT LEVEL OF 800 PPM (ADJUSTABLE). OUTSIDE AIR FLOW RATE SHALL NOT EXCEED 100% OF THE SCHEDULED MAXIMUM RATE, NOR SHALL BE REDUCED BELOW MINIMUM SETPOINT OF SCHEDULED OA RATE (DURING OCCUPIED MODE). REFER TO AIR HANDLING UNIT SCHEDULE FOR OUTSIDE AIR MAXIMUM & MINIMUM FLOW RATES (CFM).
4. FREEZE PROTECTION: IF MIXED AIR TEMPERATURE DROPS BELOW 45°F (ADJUSTABLE), THE OUTSIDE AIR MOTORIZED DAMPERS SHALL CLOSE REDUCING FLOW RATE & THE RETURN AIR MOTORIZED DAMPERS WILL OPEN INCREASING FLOW RATE IN SEQUENCE TO MAINTAIN LOW LIMIT SETPOINT (ADJUSTABLE).

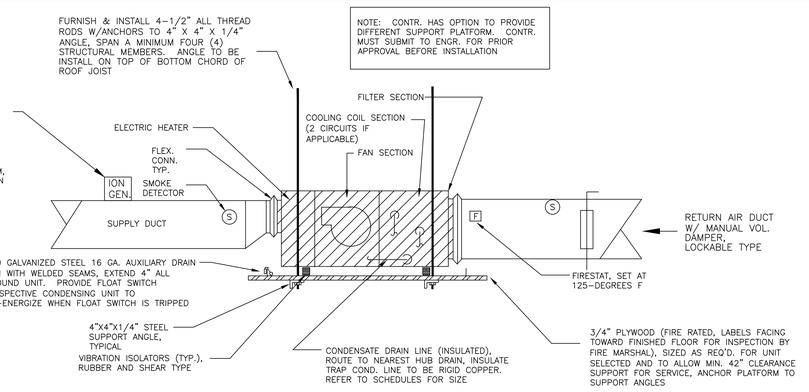


MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, S/A DUCT PLACEMENT, ETC.

AIR UNIT ORIENTATION SIMILIAR FOR UNITS WITH SINGLE (NON-STACKED) HVAC COILS.

GENERAL NOTES:
1. THIS SETUP IS TYPICAL OF ALL AIR HANDLING UNITS.
2. ALL DRAINS TO BE INDIRECT, DO NOT HARD CONNECT DRAIN LINES.
3. PROVIDE MOTORIZED DAMPERS IN RETURN AIR & OUTSIDE AIR. REFER TO CONTROLS SPECIFICATIONS ON EXACT OPERATION OF MOTORIZED DAMPERS.
4. SMOKE DAMPER IN SUPPLY & RETURN REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 15,000 CFM.
5. SMOKE DETECTOR IN R/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. SMOKE DETECTOR IN S/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. REFER TO SCHEDULES FOR CFM OF AIR HANDLING UNIT.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, SUPPORT SYSTEM, S/A DUCT PLACEMENT, ETC.
7. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS PRIOR TO PROJECT GROUND BREAKING AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR/HUB DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT. PROVIDE SHEET METAL ENCLOSURE ALL AROUND FLOOR DRAIN WITHIN MECHANICAL ROOMS USED AS RETURN AIR PLENUM WITH TOP REMOVABLE ACCESS COVER.
8. INTERCONNECT SMOKE DETECTORS WITH FIRE ALARM. UNIT TO DE-ENERGIZE WHEN SMOKE IS DETECTED.
9. ALL MOTORIZED DAMPERS AND MANUAL VOLUME DAMPERS ARE TO BE ACCESIBLE FROM MECHANICAL PLATFORM, NO EXCEPTION.

5 NTS DETAIL – AIR HANDLING UNIT, TYPICAL



GENERAL NOTES:
1. THIS SETUP IS TYPICAL OF ALL AIR HANDLING UNITS.
2. ALL DRAINS TO BE INDIRECT, DO NOT HARD CONNECT DRAIN LINES.
3. PROVIDE MOTORIZED DAMPERS IN RETURN AIR & OUTSIDE AIR. REFER TO CONTROLS SPECIFICATIONS ON EXACT OPERATION OF MOTORIZED DAMPERS.
4. SMOKE DAMPER IN SUPPLY & RETURN REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 15,000 CFM.
5. SMOKE DETECTOR IN R/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. SMOKE DETECTOR IN S/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. REFER TO SCHEDULES FOR CFM OF AIR HANDLING UNIT.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, SUPPORT SYSTEM, S/A DUCT PLACEMENT, ETC.
7. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS PRIOR TO PROJECT GROUND BREAKING AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR/HUB DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT. PROVIDE SHEET METAL ENCLOSURE ALL AROUND FLOOR DRAIN WITHIN MECHANICAL ROOMS USED AS RETURN AIR PLENUM WITH TOP REMOVABLE ACCESS COVER.
8. INTERCONNECT SMOKE DETECTORS WITH FIRE ALARM. UNIT TO DE-ENERGIZE WHEN SMOKE IS DETECTED.

6 NTS DETAIL – SUSPENDED AIR HANDLING UNIT INSTALLATION, TYPICAL

7 NTS DETAIL – NOT USED

8 NTS DETAIL – NOT USED

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

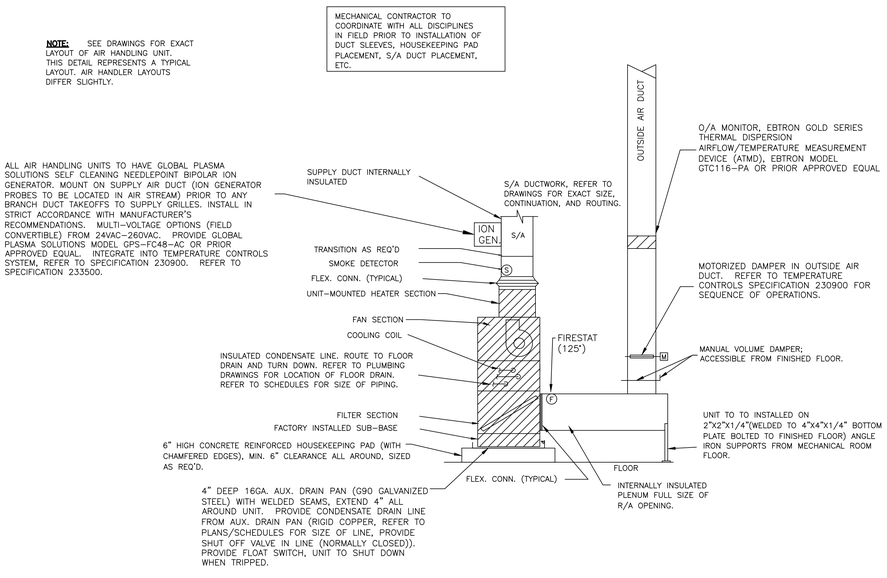
MECHANICAL DETAILS

sheet number
M506

EYRE ENGINEERING
PRINTED: 4-1-2026

1 NTS DETAIL – NOT USED

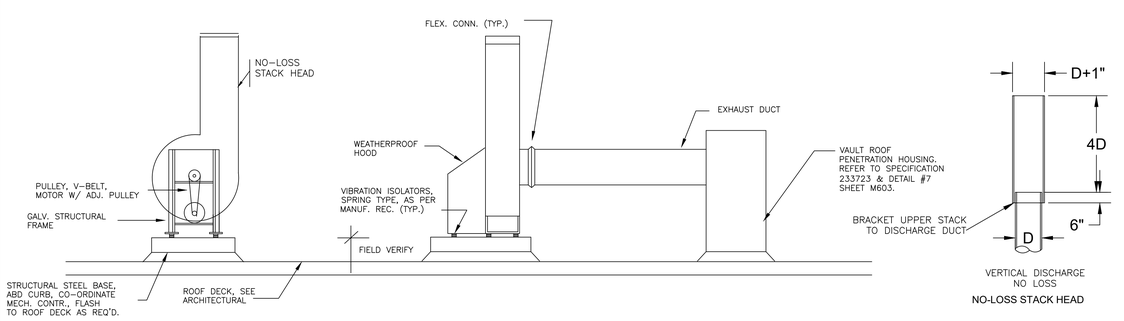
2 NTS DETAIL – NOT USED



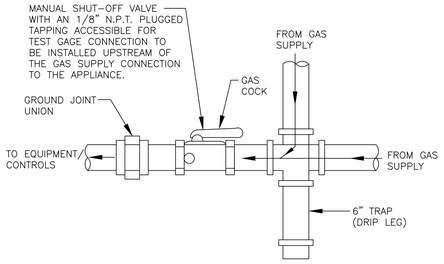
GENERAL NOTES:

1. THIS SETUP IS TYPICAL OF ALL AIR HANDLING UNITS.
2. ALL DRAINS TO BE INDIRECT, DO NOT HARD CONNECT DRAIN LINES.
3. PROVIDE MOTORIZED DAMPERS IN RETURN AIR & OUTSIDE AIR. REFER TO CONTROLS SPECIFICATIONS ON EXACT OPERATION OF MOTORIZED DAMPERS.
4. SMOKE DAMPER IN SUPPLY & RETURN REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 15,000 CFM.
5. SMOKE DETECTOR IN R/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. SMOKE DETECTOR IN S/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. REFER TO SCHEDULES FOR CFM OF AIR HANDLING UNIT.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, SUPPORT SYSTEM, S/A DUCT PLACEMENT, ETC.
7. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS PRIOR TO PROJECT GROUND BREAKING AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR/HUB DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT. PROVIDE SHEET METAL ENCLOSURE ALL AROUND FLOOR DRAIN WITHIN MECHANICAL ROOMS USED AS RETURN AIR PLENUM WITH TOP REMOVABLE ACCESS COVER.
8. INTERCONNECT SMOKE DETECTORS WITH FIRE ALARM. UNIT TO DE–ENERGIZE WHEN SMOKE IS DETECTED.
9. ALL MOTORIZED DAMPERS AND MANUAL VOLUME DAMPERS ARE TO BE ACCESIBLE FROM MECHANICAL PLATFORM, NO EXCEPTION.

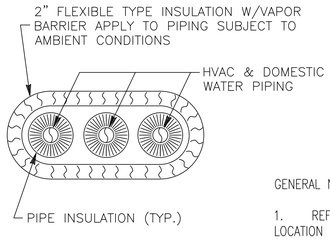
3 NTS DETAIL – 100% OUTSIDE AIR HANDLING UNIT INSTALLATION, TYPICAL



4 NTS DETAIL – UTILITY SET EXHAUST FAN, WELDING SHOP



5 NTS DETAIL – GAS CONNECTION TO EQUIPMENT



GENERAL NOTES:

1. REFER TO DRAWINGS FOR EXACT LOCATION OF ADDITIONAL EXTERNAL INSULATION.

6 NTS DETAIL – FLEXIBLE PIPE INSULATION

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

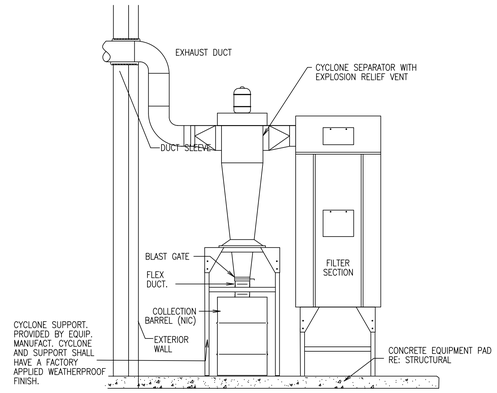
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MECHANICAL DETAILS

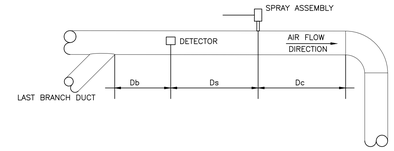
sheet number

M507

EYRE ENGINEERING
PRINTED: 4-1-2026



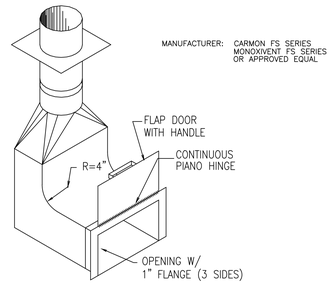
1 NTS DETAIL – CYCLONE SEPARATOR, TYPICAL



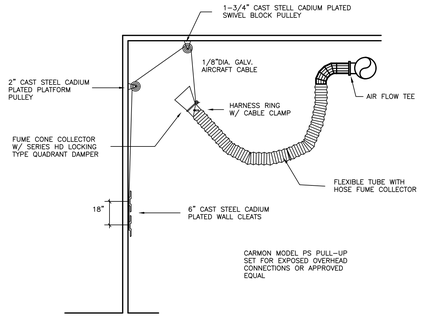
INSTALLATION INSTRUCTIONS:

THE SPRAY ASSEMBLY MUST HAVE A STRAIGHT PIPE AFTER IT (DOWNSTREAM) TO DEVELOP A PROPER WATER SPRAY PATTERN. THE REQUIRED DISTANCE IS DETERMINED AS FOLLOWS:
Dc = 0.001 X VELOCITY OF AIR FLOW (IN FEET PER MINUTE); Dc IS DEFINED AS THE MINIMUM DISTANCE THAT A SPRAY NOZZLE MAY BE LOCATED TO A BEND
Ds = 0.005 X VELOCITY OF AIRFLOW (IN FEET PER MINUTE); dS IS DEFINED AS THE DISTANCE BETWEEN THE DETECTOR AND THE SPRAY NOZZLE AND DOES NOT NEED TO BE A STRAIGHT PIPE.
Db = 2.5 X LAST BRANCH DIAMETER; dB IS DEFINED AS THE DISTANCE BETWEEN THE LAST BRANCH AND THE DETECTOR. DETECTOR SENSORS TO BE LOCATED ON THE 3 AND 9 OCLOCK SIDES OF THE DUCT.

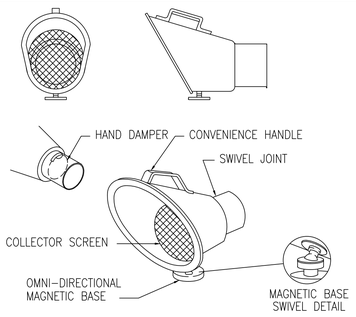
2 NTS DETAIL – SPARK DETECTOR / SPRAY NOZZLE ASSEMBLY



3 NTS DETAIL – DUST FLOOR SWEEP, TYPICAL

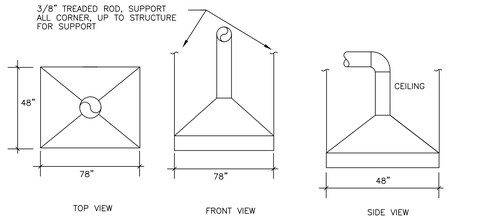


4 NTS DETAIL – WELDING EXHAUST DUCT DROPS



CAR-MON FUME MODEL M RECEPTOR, MONXIVENT RECEPTOR OR EQUAL

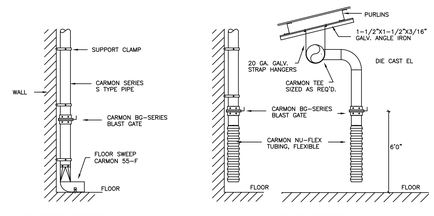
5 NTS DETAIL – WELDING EXHAUST HOSE FUME NOZZLE (COLLECTOR), TYP.



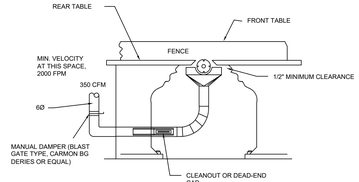
CANOPY HOOD SCHEDULE			
MARK	SIZE	EXHAUST OPENING	MANUFACTURER
H-1	74x48	12" DIA.	KEES STYLE A, GREENHECK OR APPROVED EQUAL

NOTES:
1. HOOD TO BE ALL WELDED CONSTRUCTION, 18 GA. STAINLESS STEEL WITH POLISHED FINISH.

6 NTS DETAIL – CANOPY EXHAUST HOOD, TYP.

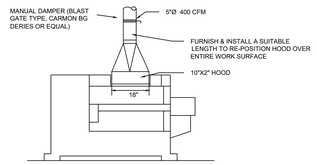


7 NTS DETAIL – DUST FLOOR SWEEP/DUST PORT



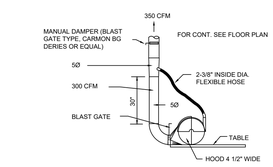
NOTE:
FIELD VERIFY EXACT DIMENSIONS OF OWNER'S EQUIPMENT, ACCESS FOR DUST COLLECTION PRIOR TO FABRICATION. SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL. DRAWINGS SHALL INCLUDE METHODS OF CONNECTIONS TO EQUIPMENT.

8 NTS DETAILS – EXHAUST DUCTWORK (JOINER) TYP.



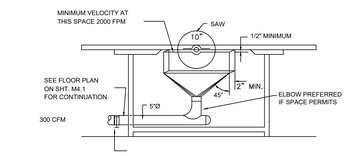
NOTE:
FIELD VERIFY EXACT DIMENSIONS FOR OWNER'S EQUIPMENT, ACCESS FOR DUST COLLECTION PRIOR TO FABRICATION. VERIFY EXACT LENGTH OF FLEXIBLE DUCT.

9 NTS DETAILS –EXHAUST DUCTWORK (PLANAR), TYP.



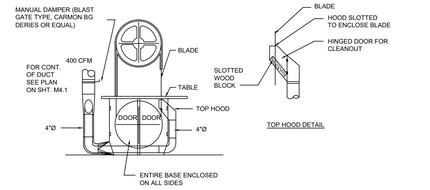
NOTE:
FIELD VERIFY EXACT DIMENSIONS OF OWNER'S EQUIPMENT, ACCESS FOR DUST COLLECTION DUCTS PRIOR TO FABRICATION. SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL.

10 NTS DETAILS – EXHAUST DUCTWORK (RADIAL SAW ARM), TYP.



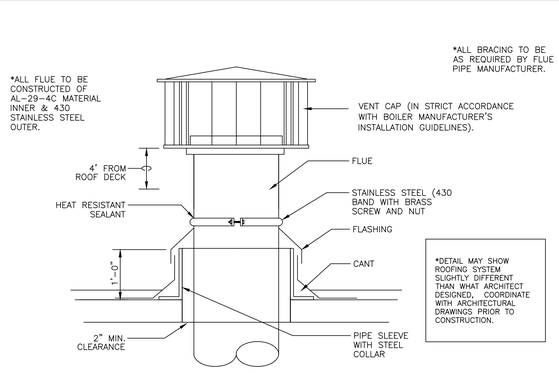
NOTE:
FIELD VERIFY EXACT DIMENSIONS OF OWNER'S EQUIPMENT, ACCESS FOR DUST COLLECTION DUCTS PRIOR TO FABRICATION. SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL.

11 NTS DETAILS – EXHAUST DUCTWORK (TABLE SAW)

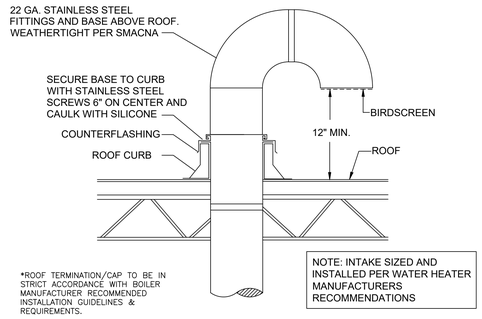


NOTE:
FIELD VERIFY EXACT DIMENSIONS OF OWNER'S EQUIPMENT, ACCESS FOR DUST COLLECTION DUCTS PRIOR TO FABRICATION. SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL.

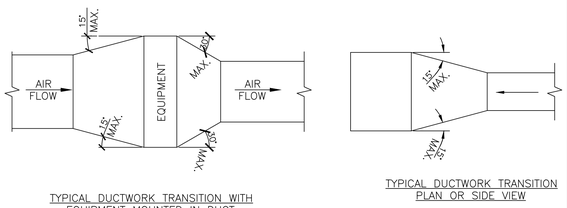
12 NTS DETAILS –EXHAUST DUCTWORK (BAND SAW), TYP.



13 NTS DETAIL – HOT WATER HEATER FLUE THRU ROOF, TYPICAL

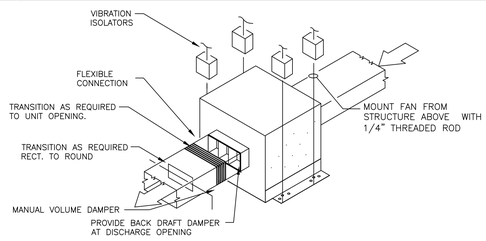


14 NTS DETAIL – HOT WATER HEATER COMBUSTION AIR INTAKE THRU ROOF



NOTE:
1. UNLESS OTHERWISE SPECIFIED ON DRAWINGS OR NOTED WITHIN MANUFACTURER INSTALLATION GUIDELINES, MAXIMUM ANGLES SHOWN SHALL APPLY.

15 NTS DETAIL – DUCTWORK TRANSITION TO EQUIPMENT



NOTES:
1. ALL CABINET TYPE FANS TO COME WITH FACTORY INSTALLED ALUMINUM GRILLE. COLOR OF GRILLE TO BE WHITE.
2. MECHANICAL CONTRACTOR TO PROVIDE FACTORY MOUNTED SPEED CONTROLLER FOR AIR BALANCING AT EVERY CABINET TYPE EXHAUST FAN.

16 NTS DETAIL – INLINE CABINET TYPE EXHAUST FAN, TYPICAL

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MECHANICAL DETAILS

sheet number
M508

PLUMBING LEGEND

NOTE: ALL SYMBOLS IN THIS LEGEND ARE NOT NECESSARILY FOUND ON THE PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
D	FLOOR DRAIN W/TRAP		SANITARY DRAIN ABOVE FLOOR OR GRADE SANITARY DRAIN UNDERGROUND
HD	HUB DRAIN W/TRAP		VENT PIPING ABOVE FLOOR OR GRADE VENT PIPING UNDERGROUND
SH.D	SHOWER DRAIN W/TRAP	GW	GREASE WASTE ABOVE FLOOR OR GRADE GREASE WASTE UNDERGROUND
	CATCH DRAIN	OW	OIL WASTE ABOVE FLOOR OR GRADE OIL WASTE DRAIN UNDERGROUND
BST	BASKET TYPE STRAINER		TRAP PRIMER PIPING
FM	FLOW METER		DOMESTIC COLD WATER PIPING
	SHUT-OFF VALVE OPERATION SYMBOL		DOMESTIC HOT WATER PIPING
	BALANCING VALVE OPERATION SYMBOL		DOMESTIC HOT WATER RETURN PIPING
	BUTTERFLY, W/SHUT-OFF VALVE OPERATION	F	FIRE WATER PIPING
	GATE VALVE	FDC	FIRE DEPARTMENT CONNECTION PIPING
	GLOBE, W/MOTORIZED VALVE OPERATION	GAS GAS	GAS PIPING
	PLUG, W/BALANCING VALVE OPERATION		CAP
	BALL, W/SHUT-OFF VALVE OPERATION		PIPING ELBOW - UP
	CHECK VALVE		PIPING ELBOW - DOWN
	CONNECTION TO EXISTING SERVICES		TEE UP PIPING
B.O.P.	BOTTOM OF PIPE		TEE DOWN PIPING
	SHUTOFF VALVE		TEE
	SHUTOFF VALVE IN VALVE BOX	C.O.	FLOOR CLEAN OUT
P	WASTE OR VENT RISER	C.O.	WALL CLEAN OUT
VTR	VENT THRU ROOF		WALL HYDRANT/HOSE BIBB

PLUMBING SYSTEM NOTES:

1. ALL POTABLE WATER SYSTEMS SHALL USE LEAD FREE PIPING, SOLDER, AND FLUX.
2. SUPPLY SYSTEMS SHALL USE DIELECTRIC ADAPTERS WHERE PIPES OF DISSIMILAR METALS ARE BEING CONNECTED.
3. THE POTABLE WATER SYSTEM SHALL BE PROPERLY DISINFECTED IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (CURRENT EDITION).
4. ALL PIPING PENETRATING THE PLANE OF THE ROOF SHALL BE INSULATED WITH MINIMUM ONE-INCH THICK CONTINUOUS INSULATION FROM THE UNDERSIDE OF THE ROOF DECK, ALONG ALL LATERALS, TO 6 INCHES BELOW THE LAST ABOVE-CEILING VERTICAL ELBOW JOINT.
5. ALL VERTICAL PIPING PENETRATING THE ROOF SHALL BE BRACED HIGH AND LOW TO THE STRUCTURE TO PREVENT MOVEMENT THAT WOULD JEOPARDIZE THE INTEGRITY OF THE ROOF FLASHING.
6. ALL HORIZONTAL PIPING ON THE ROOF SHALL BE SUPPORTED IN METHODS, MANNERS, AND AT SPACINGS APPROVED BY BOTH THE PIPE MANUFACTURER AND THE ROOF MANUFACTURER; SUPPORTS SHALL BE DESIGNED FOR UNBINDING SLIPPAGE OR WITH NON-CORRODING ROLLERS TO ALLOW FOR THERMAL MOVEMENT OF THE PIPING WITHOUT JEOPARDIZING THE ROOF SYSTEM.
7. ALL DOMESTIC WATER, SANITARY, VENT, AND FIRE PROTECTION PIPING SHALL BE SLEEVED THROUGH WALLS; SLEEVES SHALL BE SIZED TO ALLOW PASSAGE OF THE PIPE AND ITS FULL INSULATION THICKNESS PLUS ANNULAR SPACE FOR INSTALLATION OF FIRE STOP AND/OR SEALANT AS REQUIRED.
8. COORDINATE PROVISION FOR PROTECTING PIPING BENEATH ALL HANDICAP LAVATORIES REQUIRED AND IDENTIFIED WITH TOILET ACCESSORIES.
9. ALL CEILING-MOUNTED SPRINKLER HEADS SHALL BE LOCATED IN THE CENTERS OF ALL LAY-IN CEILING TILES.
10. THE CONTRACTOR SHALL COORDINATE ROUGHIN LOCATIONS WITH APPROVED TOILET PARTITION SHOP DRAWINGS. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT PLACEMENT.
11. NEATLY INSTALL WHITE MILDEW-RESISTANT SILICONE SEALANT AROUND THE PERIPHERY OF ALL PLUMBING FIXTURES IN CONTACT WITH THE FLOOR.

COORDINATION DRAWINGS:

THE CONTRACTOR SHALL SUBMIT TO ARCHITECT, AS SOON AS FEASABLE AFTER AWARD OF CONTRACT, ENTIRE FACILITY SYSTEM LAYOUTS AT A SCALE NOT LESS THAN 3/16"=1'-0" SHOWING THE LAYOUT OF THE ACTUAL EQUIPMENT, PIPING, MATERIAL, ETC. TO BE USED AND ALL NECESSARY CLEARANCES. THIS DRAWINGS SHALL BE COMPREHENSIVE OF ALL TRADES AS TO ELIMINATE CONFLICTS. THE CONTRACTOR WILL BE RESPONSIBLE TO VERIFY ALL ACCESS FOR MAINTENANCE AS REQUIRED BY THE MANUFACTURER. COORDINATION DRAWING TO BE REVIEWED BY ARCHITECT/ENGINEER PRIOR TO THE INSTALLATION OF ANY & ALL MECHANICAL EQUIPMENT. CONTRACTOR TO COORDINATE THE PRELIMINARY SPRINKLER PLAN, DUCTWORK SHOP DRAWINGS, PIPING SYSTEMS, PLUMBING SYSTEMS & STEEL SHOP DRAWINGS (STRUCTURAL) PRIOR TO SUBMITTING TO DESIGN TEAM. CONTRACTOR TO INCLUDE ALL REQUIRED OFFSETS IN PLUMBING, PIPING & DUCTWORK IN BID. NO ADDITIONAL COST WILL BE PROVIDED TO CONTRACTOR FOR FAILURE TO COORDINATE & RELOCATE ALL PIPING & DUCTWORK WITH STEEL. ALL SHOP DRAWINGS ARE TO INCLUDE SECTION CUTS OF ALL BUILDING AREAS FOR COORDINATION PURPOSES.

GENERAL NOTES:

1. ALL AUTOMATIC TRAP PRIMERS SHALL BE ASSE 1018 COMPLIANT.
2. ALL WATER HAMMER ARRESTORS SHALL BE ASSE 1010 COMPLIANT.
3. ALL LAVATORIES SHALL HAVE INDIVIDUAL WATER TEMPERING VALVES TO LIMIT THE TEMPERATURE DELIVERED TO THE LAVATORY. TEMPERING VALVES SHALL BE ASSE 1070 COMPLIANT.
4. PROVIDE CLEANOUT ON ALL 4" & 6" PIPING EVERY 75'. ALL PIPING 3" & SMALLER TO HAVE CLEANOUTS NO GREATER THEN 50' APART.
5. REQUIRED WATER HEATER SAFETY DEVICES:
   a. ANTI-SIPHON DEVICE: PROVIDE VACUUM BREAKER AT INCOMING COLD WATER LINE TO WATER HEATERS (VACUUM BREAKER TO BE ANSI Z21.22 COMPLIANT).
   b. ALL WATER HEATERS TO HAVE THERMOSTATIC MIXING VALVES.
   c. ALL WATER HEATERS TO HAVE TEMPERATURE & PRESSURE RELIEF VALVES.
   d. ALL WATER HEATERS SHALL HAVE INTERNAL CUTOFF DEVICES TO CUT THE ENERGY SOURCE TO THE WATER HEATER.

GENERAL PLUMBING NOTES:

1. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION". AIA DOCUMENT A201, AND THIS SPECIFICATION AS APPLICABLE ARE PART OF THIS CONTRACT.
2. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATIONS SHALL BE CORRECTED BY THE CONTRACTOR.
3. INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHERE NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM THE MANUFACTURER IN SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AVAILABLE RESTRICTIVE SPACES. ASCERTAIN FROM BUILDING OWNER AT WHAT TIMES OF THE DAY EQUIPMENT MAY BE MOVED THROUGH ALL AREAS.
4. ALL PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS, AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING TO AVOID OBSTRUCTIONS.
5. SUPPORT NEW PIPING FROM BUILDING STRUCTURE AND OR FRAMING IN AN APPROVED MANNER. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF SUPPORTS FOR EQUIPMENT, FURNISH ADDITIONAL FRAMING.
6. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
7. SEAL ALL OPENINGS AROUND PIPES THROUGH PARTITIONS AND WALLS WITH APPROVED FIRESTOPPING MATERIAL MEETING ASTM E814 AND NFPA-101.
8. KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.
9. FURNISH SHOP DRAWINGS OF ALL EQUIPMENT BEING PROVIDED. SUBMIT TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION.
10. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE PLUMBING EQUIPMENT AND FIXTURES AS SHOWN OR DETAILED BY THE CONTRACT DOCUMENTS FOR THIS PROJECT. WHERE SPACE OR SPARE DEVICES ARE SHOWN, CONTRACTOR SHALL PROVIDE.
11. PLUMBING CONTRACTOR SHALL PROVIDE PERMANENT LAMINATED LABELS FOR ALL EQUIPMENT THIS PROJECT (I.E. EACH HOT WATER HEATER, PUMP, EXPANSION TANK, MIXING VALVE, ETC.). LABELING SHALL BE A MINIMUM OF 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND. LABELS SHALL BE CONSTRUCTED OF MINIMUM 1" WIDE BY LENGTH AS REQUIRED LAMINATED PLASTIC SECURELY FASTENED TO DEVICE WITH STAINLESS STEEL HARDWARE. PRESSURE SENSITIVE "STICK ON" LABELS SHALL NOT BE ALLOWED.
12. PROVIDE ALL NECESSARY FLASHING AND COUNTERFLASHING TO MAINTAIN THE WATERPROOFING INTEGRITY OF THIS BUILDING AS REQUIRED BY THE INSTALLATION OR REMOVAL OF PIPES, DUCTS, CONDUIT AND EQUIPMENT.
13. MATERIALS AND WORKMANSHIP, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE (MOST CURRENT ADDITION) & INTERNATIONAL PLUMBING CODE (CURRENT EDITION).
14. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED AND IN A MANNER SATISFACTORY TO THE OWNER.
15. UNLESS OTHERWISE SPECIFIED, THE GENERAL CONTRACTOR (GC) SHALL BE RESPONSIBLE FOR ALL PAINTING, CUTTING AND PATCHING OF EXISTING FLOORS, WALLS AND PARTITIONS IN THE EXISTING BUILDING. THE GC SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION THAT IS ACCEPTABLE TO THE ARCHITECT.
16. ACCESS TILE IDENTIFICATION: PROVIDE BUTTONS, TABS AND MARKERS TO IDENTIFY LOCATION OF CONCEALED VALVES AND EQUIPMENT. ALL MATERIAL AND EQUIPMENT TO BE NEW UNLESS OTHERWISE NOTED.
17. SUBMISSION OF A BID SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTIONS OF THE EXISTING BUILDING, EQUIPMENT, ETC., WHICH AFFECT THIS WORK, AND THE ACCESS TO SUCH SPACES, HAS BEEN MADE AND THAT THE CONTRACTOR IS FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN DURING SUCH AN EXAMINATION & COORDINATION.
18. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF ALL EXISTING SERVICES (WATER LINES, SEWER LINES, FIRE WATER LINES, GAS LINES, ELECTRICAL, ETC.) PRIOR TO INSTALLATION. IF ANY CONFLICTS ARISE, CO-ORDINATE WITH ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
19. ALL GRADE SENSITIVE PIPING (SEWER LINES, STORM DRAINAGE LINES, ETC.) SHALL TAKE PRECEDENCE OVER ALL OTHER INSTALLATIONS. CONTRACTOR TO CO-ORDINATE WITH ALL DISCIPLINES PRIOR AND DURING INSTALLATION.
20. PLUG OR CAP ALL PIPING. DO NOT LEAVE PIPING OPEN ENDED.
21. ALL HUB DRAINS PROVIDED FOR CONDENSATE FROM AIR HANDLING UNITS SHALL HAVE FUNNEL.
22. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR ON EXACT LOCATION OF ALL FLOOR DRAINS AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT.
23. PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON LOCATION OF ALL RATED WALL AND FLOOR PENETRATIONS BY PIPING. PLUMBING CONTRACTOR TO PROVIDE FIRE CAULKING AROUND ALL PIPING PENETRATIONS, TYPICAL ALL WALL AND FLOOR PENETRATIONS.
24. ALL EQUIPMENT SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS SO AS TO MAINTAIN GUARANTEES. CONTRACTOR IS TO PROVIDE AND INSTALL ARE SUPPORTS AND HANGERS THAT ARE REQUIRED FOR A PROPER INSTALLATION.
25. PLUMBING PIPING RISER RUNS ARE SHOWN DIAGRAMMATICALLY. PLUMBING CONTRACTOR SHALL ROUTE IN MOST DIRECT MANNER AVOIDING ANY OBSTRUCTIONS NOT INDICATED.
26. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE ELECTRICAL AND OTHER TRADES, ESPECIALLY COORDINATION CONCERNING PENETRATIONS OF THE WALLS AND FLOORS WITH PIPE AND DUCTWORK.
27. ALL MODEL NUMBERS SHOWN FOR SPECIFIC MANUFACTURER'S REPRESENT THE TYPE AND QUALITY OF EQUIPMENT TO BE USED. SUBMIT FOR PRIOR APPROVAL ANY EQUIPMENT BEFORE BIDDING.
28. COORDINATE ALL UNDERGROUND PIPE (SEWER, WATER, ETC.) WORK WITH EXISTING UNDERGROUND WORK EG. FEEDER CIRCUITS, SEWER, GAS, TELEPHONE, WATER, DRAINAGE (ETC.) LOCATE ALL UNDERGROUND UTILITIES BEFORE WORK THIS PROJECT. MARKED UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR TO PLACE BACK IN ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT.
29. FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM THE DATE OF ACTUAL USE OF EQUIPMENT OR OCCUPANCY OF SPACES BY OWNER, WHICHEVER DATE IS EARLIER. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. WHERE DEFECTS OCCUR, ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING AND REPLACING WORK OF THE OTHER TRADES AFFECTED BY DEFECTS.
30. THE WORK UNDER CONTRACT INCLUDES ALL LABOR, MATERIALS, AND APPLIANCES NECESSARY FOR THE FURNISHING, INSTALLATION AND TESTING, COMPLETE AND READY FOR SAFE OPERATION OF THE SYSTEMS. WORK SHALL BE INSTALLED IN A NEAT, WORKMANLIKE MANNER. INCLUDE ALL COSTS FOR PERMITS, LICENSES AND CERTIFICATE FILING AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
31. PIPING AND EQUIPMENT SUPPORT SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL GAS CODE, INTERNATIONAL PLUMBING CODE (CURRENT EDITION) UNLESS NOTED OTHERWISE.
32. GAS PIPE SIZING IS BASED ON INTERNATIONAL GAS CODE.
33. GAS PIPING HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE AND NFPA 54 - NATIONAL FUEL GAS CODE (LATEST EDITION).
34. REFER TO SPECIFICATIONS FOR GAS PIPING MATERIAL, JOINTS, AND INSTALLATION.
35. GAS PIPING INSTALLED ON THE EXTERIOR OF THE BUILDING AND ABOVE GRADE SHALL BE COVERED WITH 2 COATS OF A WATERPROOF ASPHALTIC COATING (OR EQUAL) TO PREVENT CORROSION OF THE PIPE.
36. UNDERGROUND GAS PIPING SHALL BE INSTALLED TO ALLOW PROPER MAINTENANCE AND TO PROTECT AGAINST CONTACT OR DAMAGE RESULTING FROM PROXIMITY TO OTHER STRUCTURES. UNDERGROUND PLASTIC PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FROM ANY HEAT SOURCE.
37. THE USE OF THE TERM "PROVIDE" SHALL MEAN TO "FURNISH AND INSTALL THE ASSOCIATED DEVICE OR EQUIPMENT, COMPLETE AND READY FOR THE INTENDED USE".
38. AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO UNDERGROUND NONMETALLIC (PLASTIC) PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE ABOVE GROUND AT EACH END OF THE NONMETALLIC GAS PPING. THE TRACER WIRE SHALL NOT BE LESS THAN 14 AWG AND SHALL BE SUITABLE FOR BURIAL.
39. JOINTS BETWEEN DIFFERENT PIPING MATERIALS SHALL BE MADE WITH APPROVED ADAPTER FITTINGS.
40. ALL UNDERGROUND PRESSURIZED PIPING SYSTEMS (DOMESTIC WATER, ETC.) SHALL BE INSTALLED A MINIMUM DEPTH OF 36 INCHES BELOW GRADE. UNLESS TIE-IN LOCATIONS REQUIRE; IN SUCH CASE COORDINATE WITH ARCHITECT/ENGINEER PRIOR TO PROCEEDING. GAS PIPING & SITE FIRE WATER TO BE INSTALLED A MINIMUM 36" BELOW FINISHED GRADE.
41. ALL PENETRATIONS OF GAS PIPING THROUGH SLABS AND FOUNDATION WALLS SHALL BE SLEEVED WITH A PIPE SLEEVE.
42. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPE PENETRATIONS (WALL, FLOOR) WITH ALL OTHER DISCIPLINES IN FIELD PRIOR TO INSTALLATION.
43. PLUMBING CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH ALL OTHER DIVISIONS. SHOULD CONFLICTS ARISE WHICH CANNOT BE CORRECTED WITH MINOR DEVIATIONS. THE CONTRACTOR SHALL CALL THESE CONFLICTS TO THE DESIGNER'S ATTENTION BEFORE PROCEEDING. ALL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND/OR MOUNTING DETAILS SHOWN WITH MODIFICATIONS OF SAME AS REQUIRED TO SUIT FINISHED CONDITIONS.
44. ALL WALL MOUNTED PLUMBING FIXTURES (HAND WASH STATIONS, WATER COOLERS, ETC.) ARE TO HAVE 2" WALL CLEAN OUT WITH CHROME PLATED COVER AS TO CLEAN SANITARY SEWER BRANCH LINE OUT WITHOUT REMOVING FIXTURE. ALL WALL CLEAN OUTS MAY NOT BE SHOWN FOR CLARITY REASONS.
45. ALL PIPING LOCATED THRU GRADE BEAMS TO BE INSULATED WITH 1" CLOSED CELLULAR FOAM AS TO BE ISOLATED FROM THE CONCRETE IN THE EVENT THE BUILDING SETTLES.
46. ALL HUB DRAINS PROVIDED FOR CONDENSATE FROM AIR HANDLING UNITS SHALL HAVE FUNNEL.
47. MAINTAIN 6" BETWEEN FLUSH VALVE, VACUUM BREAKER, CRITICAL LEVEL TAILPIECE, AND OVERFLOW RIM OF WATER CLOSETS & TOILETS.
48. VERIFICATION OF EXISTING UTILITIES: CONTRACTOR TO VERIFY DEPTH/ELEVATION/INVERTS OF ALL EXISTING SANITARY SEWER, DOMESTIC WATER, FIRE WATER, GAS, STORM DRAINAGE, ETC. PRIOR TO ANY AND ALL CONSTRUCTION. IF EXISTING PIPING IS AT AN ELEVATION THAT DOES NOT PROPERLY ALLOW FOR THE INSTALLATION OF NEW UTILITIES THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY FOR FURTHER ACTION.
49. CONTRACTOR TO PROVIDE EXTERIOR CLEANOUT (TWO-WAY) AT ALL SEWER LINES AS SEWER EXITS FROM UNDER BUILDING SLAB.
50. CONTRACTOR TO INCLUDE IN BID A COMPLETE SET OF COORDINATION DRAWINGS FOR ALL PIPING. CONTRACTOR TO PARTICIPATE WITH OTHER SUBS IN COMPILING COORDINATION DRAWINGS. COORDINATION DRAWINGS TO INCLUDE ALL ABOVE CEILING DISCIPLINES ON FLOOR PLANS AT SCALE SIMILAR TO BID DOCUMENTS.
51. GENERAL CONTRACTOR SHALL PAINT ALL PLUMBING PENETRATIONS (VENTING, FLASHING, ETC..) THROUGH ROOF. CONTRACTOR SHALL REFER TO ARCHITECT FOR COLOR SELECTIONS.
52. ALL SANITARY SEWER AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO THE CLOSER OF ANY INTERIOR WALLS.
53. ALL PIPING SHALL BE TESTED AS PER SPECIFICATIONS, AND WITNESS BY EITHER ENGINEER, ARCHITECT, OR OWNERS REPRESENTATIVE.
54. ALL FLOOR DRAINS CATCHING CONDENSATION SHALL BE AN "FD2" FLOOR DRAINS. ALL MECHANICAL ROOMS ARE TO BE EQUIPPED WITH "FD2" OR "FD3" FLOOR DRAINS. REFER TO PLUMBING FLOOR PLANS, AND SPECIFICATIONS.
55. ALL PLUMBING RISERS FROM 2ND FLOOR LEVEL AND ABOVE SHALL BE EQUIPPED WITH CLEANOUT AT BASE OF RISER WITH ACCESS DOOR. THIS ALSO APPLIES TO STORM DRAIN PIPING.
56. CONTRACTOR TO INCLUDE IN BID A COMPLETE SET OF COORDINATION DRAWINGS FOR ALL PIPING. CONTRACTOR TO PARTICIPATE WITH OTHER SUBS IN COMPILING COORDINATION DRAWINGS. COORDINATION DRAWINGS TO INCLUDE ALL ABOVE CEILING DISCIPLINES ON FLOOR PLANS AT SCALE SIMILAR TO BID DOCUMENTS.
57. PRELIMINARY INVERT PIPE PLAN: CONTRACTOR TO PROVIDE A DRAWING AT NO LESS THAN 1/8"=1'-0" SHOWING PROPOSED INVERTS OF ALL SUBSURFACE PIPING (SEWER, STORM DRAINAGE, ROOF DRAINAGE, DOMESTIC WATER, FIRE WATER, ETC.) TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. IF INVERT PIPE SUBMITTAL IS NOT MADE, NO ADDITIONAL COST WILL BE PROVIDED TO THE CONTRACTOR FOR REINSTALLING SUBSURFACE PIPING.
58. ALL FLOOR DRAINS CATCHING CONDENSATION SHALL BE AN "FD2" FLOOR DRAINS. ALL MECHANICAL ROOMS ARE TO BE EQUIPPED WITH "FD2" OR "FD3" FLOOR DRAINS. REFER TO PLUMBING FLOOR PLANS, AND SPECIFICATIONS.
59. CONTRACTOR TO COORDINATE ALL PLUMBING VENTS WITH X-BRACING IN WALLS, OFFSET AS REQUIRED.
60. CONTRACTOR TO PROVIDE AND INSTALL REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTOR (BFP) ON 1/2" COLD WATER LINE SERVING ALL ICE MAKERS & HUMIDIFIERS. ROUTE DRAIN FROM RPZ BFP TO RESPECTIVE DRAIN FOR ICE MAKER/HUMIDIFIER.
61. AT PROJECT COMPLETION THE CONTRACTOR SHALL REMOVE ALL DEBRIS (CONCRETE, DIRT, ETC.) FROM ALL EXTERIOR VALVE COVERS, EXTERIOR CLEANOUTS & MANHOLE COVERS, THEN APPLY TWO-PART EPOXY COATING (BLACK) FOR ALL EXTERIOR CLEANOUTS, MANHOLE COVERS, AND EXTERIOR VALVE COVERS. EPOXY COATING SHALL DRY TO A HARD FINISH, APPLY COATING PRIOR TO INSTALLATION OF ALL EXTERNAL SEALS.
62. THE ARCHITECTURAL FEATURES SHOWN ON THESE DRAWINGS UPON WHICH THE CONTRACT DOCUMENTS ARE BASED MAY BE INACCURATE OR INCOMPLETE. THE CONTRACTOR SHALL COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE MOST CURRENT TO DATE SEALED ARCHITECTURAL CONTRACT DOCUMENTS AND MODIFY AS REQUIRED.
63. THE CONTRACTOR IS RESPONSIBLE FOR INCLUDING IN BID A COMPLETE AND WORKING SYSTEM IN ACCORDANCE WITH THE MOST CURRENT TO DATE SEALED ARCHITECTURAL CONTRACT DOCUMENTS.
64. CONTRACTOR TO SUPPORT ALL PIPING (SANITARY SEWER, GREASE WASTE, WATER PIPING, ETC.) UNDER SLAB, CONTRACTOR TO ISOLATE BETWEEN DISSIMILAR METALS WITH 15 MILS. OF POLYETHYLENE TAPE. REFER TO DETAIL #7, SHEET P403.

PLUMBING PLAN KEYNOTES: (X)

1. CONTRACTOR TO PROVIDE AND INSTALL EXTERIOR CLEANOUT, REFER TO DETAIL #1, SHEET P401.
2. CONTRACTOR TO PROVIDE AND INSTALL 2-WAY EXTERIOR CLEANOUT, REFER TO DETAIL #2, SHEET P401.
3. CONTRACTOR TO PROVIDE AND INSTALL, UNDERGROUND WATER SHUT OFF VALVE IN CAST IRON VALVE BOX WITH COVER MARKED "WATER", REFER TO DETAIL #5, SHEET P401.
4. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP, ROUTE 1/2" LINE INSIDE WALL, DOWN INSIDE, UNDERGROUND TO FLOOR DRAIN. REFER TO DETAIL #14, SHEET P402.
5. CONTRACTOR TO PROVIDE AND INSTALL 3,000 GALLON CONCRETE GREASE TRAP. REFER TO DETAIL #5, SHEET P403.
6. CONTRACTOR TO PROVIDE AND INSTALL 150 GPM LINT INTERCEPTOR WITH 6" INLET AND OUTLET, JR SMITH MODEL 8910-150 OR APPROVED EQUAL. REFER TO DETAIL #3, SHEET P404.
7. CONTRACTOR SHALL PROVIDE AND INSTALL GAS FIRED WATER HEATER(S). FIELD ROUTE AUXILIARY DRAIN PIPING (1" PVC) AND T&P RELIEF DRAIN PIPING (COPPER PIPE FULL SIZE) TO FLOOR SINK, TURN DOWN. REFER TO DETAIL #4, & #6, SHEET P404. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
8. CONTRACTOR SHALL FIELD ROUTE 1-1/2" GAS PIPING WITH SHUT OFF VALVE DOWN TO EACH WATER HEATER AND CONNECT. CONTRACTOR TO COORDINATE WITH MANUFACTURERS SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION.
9. CONTRACTOR SHALL PROVIDE AND INSTALL WADE MODEL 1106-K-27 (OR PRIOR APPROVED EQUAL), ADJUSTABLE DRAIN WITH DOME GRATE (WITH SEDIMENT BUCKET, 6" OUTLET) AT TRENCH, REFER TO DETAIL #5, SHEET P-402. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT TRENCH REQUIREMENTS PRIOR TO INSTALLATION. VOLUME OF TRENCH TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
10. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PLUMBING UTILITIES.
11. CONTRACTOR SHALL FIELD ROUTE INCOMING DOMESTIC COLD WATER PIPING (SIZES SHOWN ON DRAWING) UP FROM BELOW GRADE WITH FULL PORT BALL VALVE INSTALLED ON VERTICAL PIPING 60 INCHES ABOVE FINISH FLOOR. COORDINATE EXACT LOCATION IN FIELD PRIOR TO INSTALLATION.
12. CONTRACTOR SHALL FIELD ROUTE 4" SANITARY SEWER PIPING UP FROM BELOW GRADE TO SERVE WATER CLOSET CARRIER SYSTEM WITHIN CHASE.
13. CONTRACTOR TO PROVIDE AND INSTALL 2" HUB DRAIN WITH BARRIER TYPE TRAP PRIMER IN CEILING SPACE FOR CONDENSATE FROM HVAC UNIT. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION, REFER TO DETAIL 4, SHEET P402.
14. CONTRACTOR TO PROVIDE 2" HUB DRAIN STUBBED OUT WALL TO RECEIVE CONDENSATE FROM AIR HANDLING UNIT, CONTRACTOR TO ROUTE CONDENSATE FROM AIR HANDLING UNIT TO HUB DRAIN AND TURN DOWN AT FUNNEL.
15. CONTRACTOR SHALL PROVIDE AND INSTALL 3" FLOOR SINK (3"FS2), ZURN MODEL Z1910 (OR APPROVED EQUAL) EQUIPPED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO COORDINATE WITH MANUFACTURERS SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION.
16. CONTRACTOR SHALL PROVIDE AND INSTALL LARGE CAPACITY OIL INTERCEPTOR WITH HEAVY DUTY COVER, ZURN MODEL Z1188-HD, (OR APPROVED EQUAL) 150 GPM FLOW RATE, 4" INLET/OUTLET, 190 GALLON WATER CAPACITY, TWO (2) COVERS. REFER TO DETAIL #1, SHEET P404. ACID RESISTANT EPOXY COATED INTERIOR AND EXTERIOR FABRICATED STEEL, WITH BRONZE CLEAN-OUT PLUG AND VISIBLE DOUBLE WALL TRAP SEAL, REMOVABLE COMBINATION PRESSURE EQUALIZING/FLOW DIFFUSING BAFFLE AND SEDIMENT BUCKET, HORIZONTAL BAFFLE, ADJUSTABLE OIL DRAW-OFF AND VENT CONNECTIONS (BOTH SIDES). SECURED GASKETED NON-SKID HEAVY-DUTY TRAFFIC COVER RATED AT 10,000 LBS MAXIMUM SAFE LIVE LOAD WITH REMOVABLE LIFT HANDLES AND FLOW CONTROL FITTING. PROVIDE EXTENSION COLLARS AS REQUIRED TO INSTALL TOP OF INTERCEPTOR FLUSH WITH FINISHED GRADE. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
17. CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRIC WATER HEATER. FIELD ROUTE AUXILIARY DRAIN PIPING (1" PVC) AND T&P RELIEF DRAIN PIPING (COPPER PIPE FULL SIZE) TO FLOOR SINK, TURN DOWN. REFER TO DETAIL #5, SHEET P404. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
18. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR SIZED DOWN FROM 5 PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED DOMESTIC WATER HEATER. REGULATOR SHALL BE SIZED FOR A MAXIMUM FLOW OF 500 CFH. CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
19. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR SIZED DOWN FROM 5 PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED KITCHEN EQUIPMENT. REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 1,069 CFH. CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
20. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR SIZED DOWN FROM 5 PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED CLOTHES DRYER(S). REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 450 CFH. CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
21. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR SIZED DOWN FROM 5 PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED INSTANTANEOUS WATER HEATER(S). REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 753 CFH. CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
22. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR SIZED DOWN FROM 5 PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED MECHANICAL EQUIPMENT LOCATED ON ROOF. REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 500 CFH. CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
23. CONTRACTOR SHALL FIELD ROUTE GAS PIPING (SIZES SHOWN ON DRAWING) TO GAS-FIRED CLOTHES DRYERS AND CONNECT. PROVIDE SHUT-OFF VALVE & SEDIMENT TRAP (DIRT LEG), AT POINT OF CONNECTION AS REQUIRED. COORDINATE WITH EQUIPMENT SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT AND INSTALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
24. GAS SOLENOID VALVE, GAS VALVE TO CLOSE UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. CONTRACTOR TO COORDINATE WITH FOOD SERVICE DRAWINGS, KITCHEN HOOD SUPPLIER & KITCHEN HOOD FIRE SUPPRESSION SUPPLIER AS TO ENSURE A COMPLETE AND WORKING SYSTEM. PROVIDE MANUAL SHUTOFF VALVE & UNION AT POINT OF CONNECTION TO KITCHEN HOOD UTILITY DISTRIBUTION SYSTEM (UDS).
25. CONTRACTOR SHALL PROVIDE 3/4" HOT AND COLD WATER LINES DOWN TO UTILITY DISTRIBUTION SYSTEM. CONTRACTOR TO COORDINATE WITH FOOD SERVICE DRAWINGS, & KITCHEN HOOD UTILITY DISTRIBUTION SYSTEM (UDS) FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
26. CONTRACTOR TO PROVIDE AND INSTALL ROOF VAULT (WWW.ROOFPENETRATIONHOUSINGS.COM) TO ACCOMMODATE ROUTING OF GAS PIPING UP TO ROOF. REFER TO MECHANICAL DETAILS & SPECIFICATIONS FOR ROOF PIPE PENETRATION HOUSING VAULT.
27. CONTRACTOR SHALL FIELD ROUTE GAS PIPING (SIZES SHOWN ON DRAWING) UP THROUGH VAULT TO ROOF-TOP MECHANICAL EQUIPMENT AND CONNECT. REFER TO MECHANICAL ROOF PLAN, SHEET M102 FOR CONTINUATION OF GAS PIPING. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
28. CONTRACTOR SHALL PROVIDE AND INSTALL WADE MODEL 1100-BS (OR PRIOR APPROVED EQUAL) ADJUSTABLE FLOOR DRAIN (HINGED SCORIATED SOLID COVER, 4" BOTTOM OUTLET, SEDIMENT BUCKET, GASKETED COVER, ANCHOR FLANGE, SEEPAGE OPENINGS, REVERSIBLE CLAMPING COLLAR, ADJUSTABLE TOP).
29. CONTRACTOR SHALL ROUTE 4" GREASE WASTE PIPING WITH P-TRAP TO TROUGH DRAIN AND CONNECT. COORDINATE WITH FOOD SERVICE DRAWINGS & SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
30. CONTRACTOR SHALL FIELD ROUTE 1/2" DOMESTIC COLD WATER PIPING DOWN TO ICE MACHINE AND CONNECT. PROVIDE AND INSTALL WATER FILTER (OF-1) AS SCHEDULED ON SHEET P201. INSTALL WATER/DRAIN IN STRICT ACCORDANCE WITH ICE MAKER MANUFACTURER'S RECOMMENDATIONS, & COORDINATE WITH FOOD SERVICE DRAWINGS PRIOR TO INSTALLATION. REFER TO DETAILS #6, & #9, SHEET P403.
31. CONTRACTOR SHALL FIELD ROUTE HOT & COLD WATER PIPING (SIZES SHOWN ON DRAWINGS) WITH SHUT OFF VALVES DOWN TO CLOTHES WASHER AND CONNECT. CONTRACTOR TO COORDINATE WITH MANUFACTURERS SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
32. CONTRACTOR SHALL FIELD ROUTE 3" GREASE WASTE PIPING & 1/2" COLD WATER PIPING TO KITCHEN EQUIPMENT (FOOD WASTE DISPOSER) AND CONNECT. COORDINATE WITH FOOD SERVICE DRAWINGS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
33. CONTRACTOR SHALL FIELD ROUTE 1/2" HOT/COLD WATER PIPING WITH SHUT OFF VALVES DOWN TO DISHWASHER (WITH INTEGRAL BOOSTER HEATER) AND CONNECT. CONTRACTOR TO COORDINATE WITH FOOD SERVICE DRAWINGS & SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
34. CONTRACTOR SHALL FIELD ROUTE HOT & COLD WATER PIPING (SIZES SHOWN ON DRAWINGS) DOWN WALL WITH ACCESSIBLE CHASE TO PLUMBING FIXTURES AND CONNECT. PROVIDE AND INSTALL SHUT OFF VALVES IN VERTICAL RUN OF HOT/COLD WATER PIPING. PROVIDE SUPPORT BRACING FOR ALL EXPOSED WATER PIPING MANIFOLDS WITHIN CHASE AS REQUIRED. COORDINATE WITH PLUMBING FIXTURE SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. COORDINATE EXACT LOCATION AND HEIGHT OF SHUT OFF VALVES IN FIELD PRIOR TO INSTALLATION.
35. CONTRACTOR TO PROVIDE AND INSTALL REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER ON 1/2" FILTERED COLD WATER PIPING TO SERVE DENTAL EQUIPMENT. FIELD ROUTE DRAIN PIPING FROM BFP TO INDIRECT WASTE RECEPTOR WITHIN PUMP ROOM, REFER TO DETAIL #4, SHEET P403.
36. CONTRACTOR SHALL ROUTE DOMESTIC COLD WATER PIPING (SIZES SHOWN ON DRAWING) TO REMOTE WATER CONTROL VALVE WITH WATER FILTER (WITH REPLACEABLE CARTRIDGE) WITH SHUT OFF AND BY-PASS VALVE ASSEMBLY. REMOTE WATER CONTROL VALVE TO BE AIR TECHNIQUES MODEL #53020-1 (120V ELECTRICAL). IOM: HTTPS://WWW.AIRTECHNIQUES.COM/WP-CONTENT/UPLOADS/53300-1.PDF
37. DENTAL EQUIPMENT CHAIR UTILITY CENTER. CONTRACTOR TO PROVIDE AND INSTALL REQUIRED PLUMBING UTILITIES (1/2" COMPRESSED AIR, 3/4" VACUUM, & 1/2" FILTERED COLD WATER), FIELD ROUTE TO DENTAL EQUIPMENT & STUB UP FOR CONNECTION. REFER TO DENTAL CHAIR INSTALLATION GUIDELINES FOR EXACT REQUIREMENTS (LOCATION, SIZE, ETC.) PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
38. DENTAL VACUUM SYSTEM, FIELD ROUTE 2" SCHEDULE 40 PVC VENT PIPING FROM VACUUM SYSTEM UP THRU ROOF. CONTRACTOR TO ROUTE 1-1/2" DRAIN PIPING FROM COLLECTION TANK TO FLOOR SINK. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
39. CONTRACTOR SHALL FIELD ROUTE VACUUM PIPING TO DENTAL EQUIPMENT (SEPARATOR & VACUUM) AND CONNECT. REFER TO DENTAL EQUIPMENT INSTALLATION MANUAL. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
40. DENTAL EQUIPMENT (AIR COMPRESSOR). CONTRACTOR SHALL FIELD ROUTE AIR PIPING TO AIR COMPRESSOR AND CONNECT. REFER TO DENTAL EQUIPMENT INSTALLATION MANUAL. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
41. CONTRACTOR SHALL FIELD ROUTE 1/2" FILTERED COLD WATER PIPING TO DENTAL VACUUM PUMP AND CONNECT. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
42. CONTRACTOR SHALL FIELD ROUTE 3/4" COLD WATER PIPING WITH SHUT OFF VALVE UP TO ROOF HYDRANT (HB-3). COORDINATE ALL PIPING PENETRATIONS WITH STRUCTURE AND OTHER TRADES. REFER TO MECHANICAL ROOF PLAN, SHEET M102 FOR CONTINUATION OF WATER PIPING.
43. CONTRACTOR SHALL FIELD ROUTE 1/2" COLD WATER PIPING DOWN INSIDE WALL, STUB OUT DIRECTLY BEHIND COFFEE MACHINE WITH 1/2"X3/8" QUARTER-TURN SHUT OFF VALVE (WITH CHROME ESCUTCHEON PLATE AT WALL PENETRATION). PROVIDE 3/8" STAINLESS STEEL BRAIDED HOSE TO COFFEE MACHINE WATER CONNECTION. COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION PRIOR TO INSTALLATION.
44. CONTRACTOR SHALL FIELD ROUTE 2" AIR PIPING DOWN TO OWNER PROVIDED COMPRESSED AIR SYSTEM AND CONNECT. CONTRACTOR TO FIGURE IN BID TO PROVIDE ALL PIPING OFF-SETS AS REQUIRED TO ACCOMMODATE INSTALLATION OF AIR COMPRESSOR. CONTRACTOR TO COORDINATE WITH MANUFACTURERS SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. REFER TO DETAIL #4, SHEET P405.
45. CONTRACTOR SHALL FIELD ROUTE 1" COMPRESSED AIR DROP HERE TO DOUBLE 3/4" QUICK CONNECT. REFER TO DETAILS #1, & #2, SHEET P405. SUPPORT FROM STRUCTURE WITH UNISTRUT SUPPORTS.
46. 1" BLOW DOWN LINE DOWN, ANCHOR TO WALL, PROVIDE 3/4" MALE ADAPTER FOR HOSE CONNECTION. PROVIDE ISOLATION VALVE IN VERTICAL DROP IN ACCESSIBLE LOCATION (APPROX. 24" ABOVE FINISHED FLOOR).
47. CONTRACTOR SHALL PROVIDE AND INSTALL ZURN Z415 SERIES (OR APPROVED EQUAL) DRAIN WITH 4" BOTTOM OUTLET, INTEGRAL SEEPAGE FLANGE, AND MEMBRANE CLAMP. PROVIDE FACTORY-INSTALLED LIGATURE RESISTANT, SECURED, LOCKING, VANDAL-RESISTANT STAINLESS STEEL GRATE SUITABLE FOR EXTERIOR SLAB APPLICATIONS AND DETENTION FACILITY USE. INSTALL DRAIN FLUSH WITH FINISHED SLAB. COORDINATE EXACT LOCATION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO INSTALLATION. DRAIN SHALL BE CONNECTED TO STORM DRAINAGE SYSTEM, REFER TO CIVIL DRAWINGS FOR EXACT PIPE ROUTING, SIZE, AND INVERTS.
48. CONTRACTOR SHALL FIELD ROUTE 1" HOT AND 1" COLD WATER PIPING UNDERGROUND FROM BUILDING TO DUMPSTER ENCLOSURE AND TURN UP TO SERVE YARD HYDRANT (HB-4). EXACT ROUTING, DEPTH, AND INSTALLATION METHOD SHALL BE COORDINATED IN FIELD BASED ON SITE CONDITIONS. CONTRACTOR SHALL INCLUDE IN BID AN ADDITIONAL 100' EACH OF 1" HOT WATER AND 1" COLD WATER PIPING (TOTAL 200') TO ACCOMMODATE FIELD ROUTING REQUIREMENTS. COORDINATE EXACT LOCATION OF YARD HYDRANTS IN FIELD.
49. CONTRACTOR SHALL FIELD ROUTE 4" GREASE WASTE PIPING TO DRAIN WITHIN DUMPSTER ENCLOSURE. INCLUDE IN BID AN ADDITIONAL 100' OF 4" GREASE WASTE PIPING. COORDINATE ROUTING WITH SITE CONDITIONS, STRUCTURES, AND OTHER UTILITIES. RELOCATE OR OFFSET PIPING AS REQUIRED TO AVOID CONFLICTS. CONTRACTOR TO PROVIDE AND INSTALL DUMPSTER PAD DRAIN, JR SMITH MODEL SQ-2-2289 (OR APPROVED EQUAL), CAST IRON ADJUSTABLE FRAME, DUCTILE IRON GRATE WITH REMOVABLE SEDIMENT BUCKET, LOOSE SET SOLID NON-SKID STEEL GASKETED COVER EQUIPPED WITH LOCKING DEVICE & LIFT HANDLE. CONTRACTOR SHALL INCLUDE CORROSION-RESISTANT PULL-CHAIN AND WALL-MOUNTED HOOK. COORDINATE EXACT DRAIN LOCATION, CHAIN LENGTH, AND HOOK LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.

EYRE ENGINEERING

PRINTED: 4-1-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

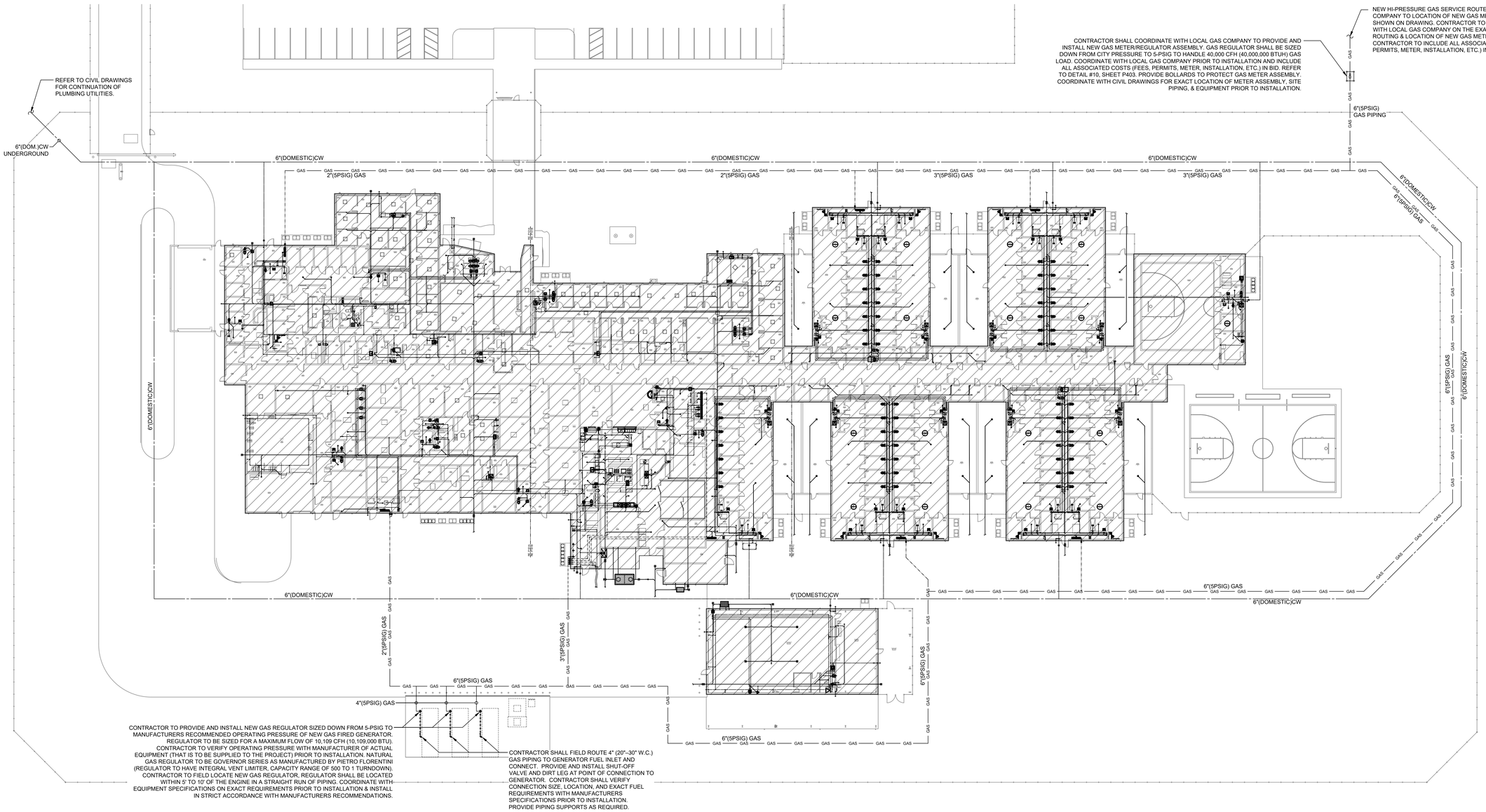
ISSUED FOR: REVIEW & PRICING

PROJECT NO: 571506

GENERAL PLUMBING NOTES AND LEGEND

sheet number

P100



1 OVERALL FLOOR PLAN - PLUMBING

SCALE: 1" = 25'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

OVERALL FLOOR PLAN - PLUMBING

sheet number

P101

EYRE ENGINEERING
PRINTED: 4-1-2026

*ALL FLOOR DRAINS AND FLOOR SINKS WITHIN BUILDING TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK WITHIN BUILDING. REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD-ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

DENTAL EQUIPMENT:

DENTAL OIL-LESS AIR COMPRESSOR:
MIDMARK POWERAIR SERIES
MODEL P2

DENTAL WET-RING VACUUM PUMP:
MIDMARK CLASSIC SERIES
MODEL CV3

DENTAL SYSTEM GENERAL NOTES:

VACUUM LINE - RUN 1-1/2" MAIN LINE IN SCHEDULE 80 PVC PIPING (100 PSI MINIMUM). AT COLLECTION TANK, REDUCE END OF 1-1/2" MAIN LINE TO REQUIRED CONNECTION FITTING. RUN 1-1/2" LINE FROM THE COLLECTION TANK TO THE SUCTION UNIT. PLUMBER TO INSTALL LONG SWEEP 45° FITTINGS IN PIPING (SHORT BEND FITTINGS & 90° FITTINGS NOT ALLOWED). INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DENTAL VACUUM PIPING SPECIFICATION:
POLY (VINYL CHLORIDE) (PVC) PVC PIPING: ASTM D1785, TYPE 1 (NORMAL IMPACT), GRADE 1 (CHEMICAL RESISTANCE), SCHEDULE 80 PIPE. PROVIDE SOCKET ASTM D2566 FITTINGS AND ASTM D2564 PVC SOLVENT CEMENT WITH PVC PRIMER RECOMMENDED BY MANUFACTURER. PROVIDE WYE CLEANOUTS. CLEANOUTS: SAME SIZE AND MATERIAL AS PIPE. PROVIDE ACCESSIBLE AND EASILY REMOVABLE CLEANOUTS.

DENTAL COMPRESSED AIR PIPING SPECIFICATION:
COPPER TUBING: TYPE "K", ASTM B819, WITH WROUGHT COPPER FITTINGS CONFORMING TO ANSI B16.22 OR BRAZING FITTINGS COMPLYING WITH MSS SP-73. SIZE DESIGNATED REFLECTING NOMINAL INSIDE DIAMETER. BRAZING ALLOY: AWS A5.8, CLASSIFICATION BCUP, GREATER THAN 537 DEGREES C (1000 DEGREES F) MELTING TEMPERATURE. FLUX IS PROHIBITED FOR COPPER-TO-COPPER CONNECTIONS.

*CONTRACTOR SHALL FURNISH AND INSTALL DENTAL VACUUM PUMP AND DENTAL AIR COMPRESSOR WITHIN DESIGNATED EQUIPMENT ROOM A126B. PROVIDE COMPLETE PIPING, SUPPORTS, VALVES, AND ACCESSORIES REQUIRED TO SERVE DENTAL CHAIR. MAKE ALL FINAL CONNECTIONS TO EQUIPMENT AS REQUIRED. COORDINATE EQUIPMENT LOCATIONS, PIPING ROUTING, AND SERVICE CLEARANCES WITH ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL TRADES. FIELD VERIFY CONDITIONS AND PROVIDE ALL MODIFICATIONS REQUIRED FOR A COMPLETE, CODE-COMPLIANT, AND FULLY OPERATIONAL SYSTEM.

**FILTERED WATER, DENTAL VACUUM, AND DENTAL AIR PIPING SHALL BE FIELD ROUTED BELOW GRADE TO DENTAL CHAIR AS INDICATED ON DRAWINGS. DENTAL AIR PIPING SHALL BE CONTINUOUSLY SLEEVED WITHIN A MINIMUM 3", SCHEDULE 40 PVC CONDUIT FOR PROTECTION. COORDINATE ROUTING, DEPTHS, AND TRANSITIONS WITH OTHER UNDERGROUND UTILITIES AND SITE FEATURES. PROVIDE FITTINGS, SEALS, AND TERMINATIONS AS REQUIRED TO MAINTAIN SYSTEM INTEGRITY AND PREVENT MOISTURE INTRUSION.

GENERAL COMPRESSED AIR SYSTEM NOTES:

1. PAINT ALL COMPRESSED AIR PIPING, ETC. REFER TO SPECIFICATIONS. DO NOT PAINT VALVE HANDLES & QUICK CONNECTS. PROVIDE PIPE LABELS & DIRECTIONAL FLOW ARROWS.
2. ALL STRAIGHT PIPE LENGTHS ARE TO BE COUPLED WITH 2x2x2 TEES WITH 2" OUTLET IN VERTICAL POSITION (WITH 1" BUSHING, PLUGGED) FOR FUTURE USE BY OWNER.
3. COORDINATE ALL COMPRESSED AIR DROP LOCATIONS WITH OWNER PRIOR TO INSTALLATION. PROVIDE QUICK CONNECT & SHUTOFF VALVE AT EVERY DROP. COORDINATE WITH OWNER FOR EXACT TYPE OF QUICK CONNECT TYPE PRIOR TO INSTALLATION.
3.1. INCLUDE IN BID TO PROVIDE & INSTALL FIVE (5) ADDITIONAL 3/4" COMPRESSED AIR DROPS (TO DUAL QUICK CONNECTS).
4. ALL COMPRESSED AIR PIPING SHALL BE SLOPED TO VERTICAL DROPS AS NOTED ON FLOOR PLAN. PIPE SLOPE TO BE 1" PER EVERY 8'-0".
4.1.
5. ALL BRANCH PIPING FROM COMPRESSED AIR PIPING MAIN IS BE FROM THE TOP OF THE MAIN PIPE TO PREVENT FREE WATER FROM ENTERING THE AIRDROPS THROUGH GRAVITY.
6. COMPRESSED AIR LOOP SHALL BE A CLOSED LOOP (NO DEAD-END LINES) PIPE LAYOUT TO EQUALIZE AIR PRESSURE AND REDUCE FRICTION THROUGHOUT THE SYSTEM.
7. ALL ELBOWS SHALL BE LONG SWEEP TYPE. SHORT SWEEP ELBOWS WILL NOT BE ALLOWED.
8. PROVIDE A "ZIG-ZAG" PIPING SYSTEM WITHIN VERTICAL MAIN FROM AIR COMPRESSOR TO COMPRESSED AIR PIPING LOOP.
8.1. THE "ZIG-ZAG" PIPE CONFIGURATION SHALL CONSIST OF FIVE (5) 5'-0" PIPE SEGMENTS WITH 90° ELBOWS. SLOPE PIPING BACK AS TO DRAIN BACK TO AIR COMPRESSOR AND NOT BE TRAPPED WITHIN PIPING.

1 **PARTIAL PLUMBING FLOOR PLAN - SECTOR A**
SCALE: 1/8" = 1'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING FLOOR PLAN - SECTOR A

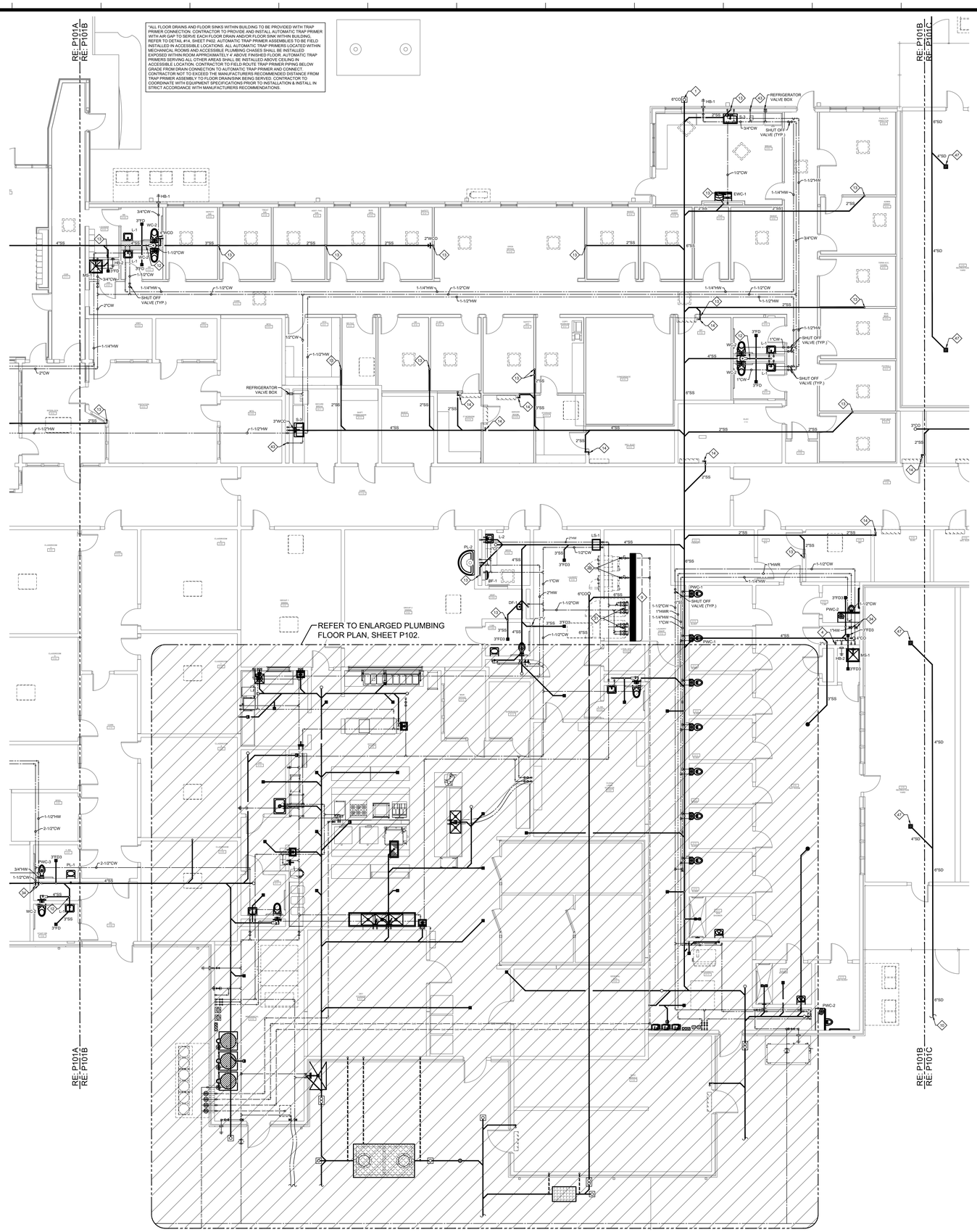
sheet number
P101A

*ALL FLOOR DRAINS AND FLOOR SINKS WITHIN BUILDING TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK WITHIN BUILDING. REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

RE: P101A
RE: P101B

RE: P101B
RE: P101C

REFER TO ENLARGED PLUMBING FLOOR PLAN, SHEET P102.



RE: P101A
RE: P101B

RE: P101B
RE: P101C

1 **PARTIAL PLUMBING FLOOR PLAN - SECTOR B**

SCALE: 1/8" = 1'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING FLOOR PLAN - SECTOR B

sheet number

P101B

*ALL FLOOR DRAINS AND FLOOR SINKS WITHIN BUILDING TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK WITHIN BUILDING, REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

*CONTRACTOR TO PROVIDE AND INSTALL SOLENOID VALVE IN VERTICAL RUN OF HOT AND/OR COLD WATER PIPING (SIZES SHOWN ON DRAWING) LOCATED WITHIN SERVICEABLE CHASE. PROVIDE SUPPORT BRACING FOR ALL EXPOSED WATER PIPING MANIFOLDS WITHIN CHASE AS REQUIRED. SOLENOID VALVE TO OPERATE ALL DOMESTIC WATER PIPING MANIFOLDS WITHIN ACCESSIBLE CHASE. COORDINATE WITH PLUMBING FIXTURE SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. COORDINATE EXACT LOCATION OF SOLENOID VALVES IN FIELD PRIOR TO INSTALLATION.

RE: P101B
RE: P101C

1 **PARTIAL PLUMBING FLOOR PLAN - SECTOR C**

SCALE: 1/8" = 1'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING FLOOR PLAN - SECTOR C

sheet number

P101C

GENERAL PLUMBING PLAN NOTES:

1. CONTRACTOR TO COORDINATE WITH FOOD SERVICE DRAWINGS FOR SIZE, LOCATION, AND EXACT CONNECTIONS TO ALL KITCHEN EQUIPMENT PRIOR TO BID.
2. ALL GAS PIPING WITHIN BUILDING SHALL BE ALL WELDED CONSTRUCTION. THREADED CONNECTIONS ALLOWED AT CONNECTION TO COOKING EQUIPMENT ONLY. PROVIDE UNION AND SHUTOFF VALVE AT CONNECTION TO COOKING EQUIPMENT.
3. GREASE WASTE PIPING: ALL GREASE WASTE SEWER PIPING & GREASE WASTE SEWER VENT PIPING SHALL BE CAST IRON (SERVICE WEIGHT, HUB & SPIGOT JOINTS), NO EXCEPTIONS. ALL GREASE WASTE PIPING UNDER SLAB TO 12" ABOVE SLAB TO BE CAST IRON. REFER TO SPECIFICATIONS.
4. CONTRACTOR TO PROVIDE AND INSTALL ACCESS PANEL IN HARD CEILING FOR SHUTOFF VALVE ACCESS. ACCESS PANEL TO BE SAME COLOR AS RESPECTIVE CEILING. COORDINATE EXACT LOCATION/COLOR OF ACCESS PANEL WITH ARCHITECT IN FIELD PRIOR TO INSTALLATION.
5. ALL FLOOR DRAINS, FLOOR SINKS, & SEWER CLEANOUTS TO HAVE SQUARE TOP/COVER.
6. CONTRACTOR TO SUPPORT ALL PIPING (SANITARY SEWER, GREASE WASTE, WATER PIPING, ETC.) UNDER SLAB, CONTRACTOR TO ISOLATE BETWEEN DISSIMILAR METALS WITH 15 MILS. OF POLYETHYLENE TAPE. REFER TO DETAIL #7, SHEET P403.
7. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK WITHIN BUILDING, REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED.

*CONTRACTOR TO PROVIDE AND INSTALL SOLENOID VALVE IN VERTICAL RUN OF HOT AND/OR COLD WATER PIPING (SIZES SHOWN ON DRAWING) LOCATED WITHIN SERVICEABLE CHASE. PROVIDE SUPPORT BRACING FOR ALL EXPOSED WATER PIPING MANIFOLDS WITHIN CHASE AS REQUIRED. SOLENOID VALVE TO OPERATE ALL DOMESTIC WATER PIPING MANIFOLDS WITHIN ACCESSIBLE CHASE. COORDINATE WITH PLUMBING FIXTURE SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. COORDINATE EXACT LOCATION OF SOLENOID VALVES IN FIELD PRIOR TO INSTALLATION.

1 ENLARGED FLOOR PLAN - PLUMBING

SCALE: 1/4" = 1'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

EYRE ENGINEERING
PRINTED: 4-1-2026

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

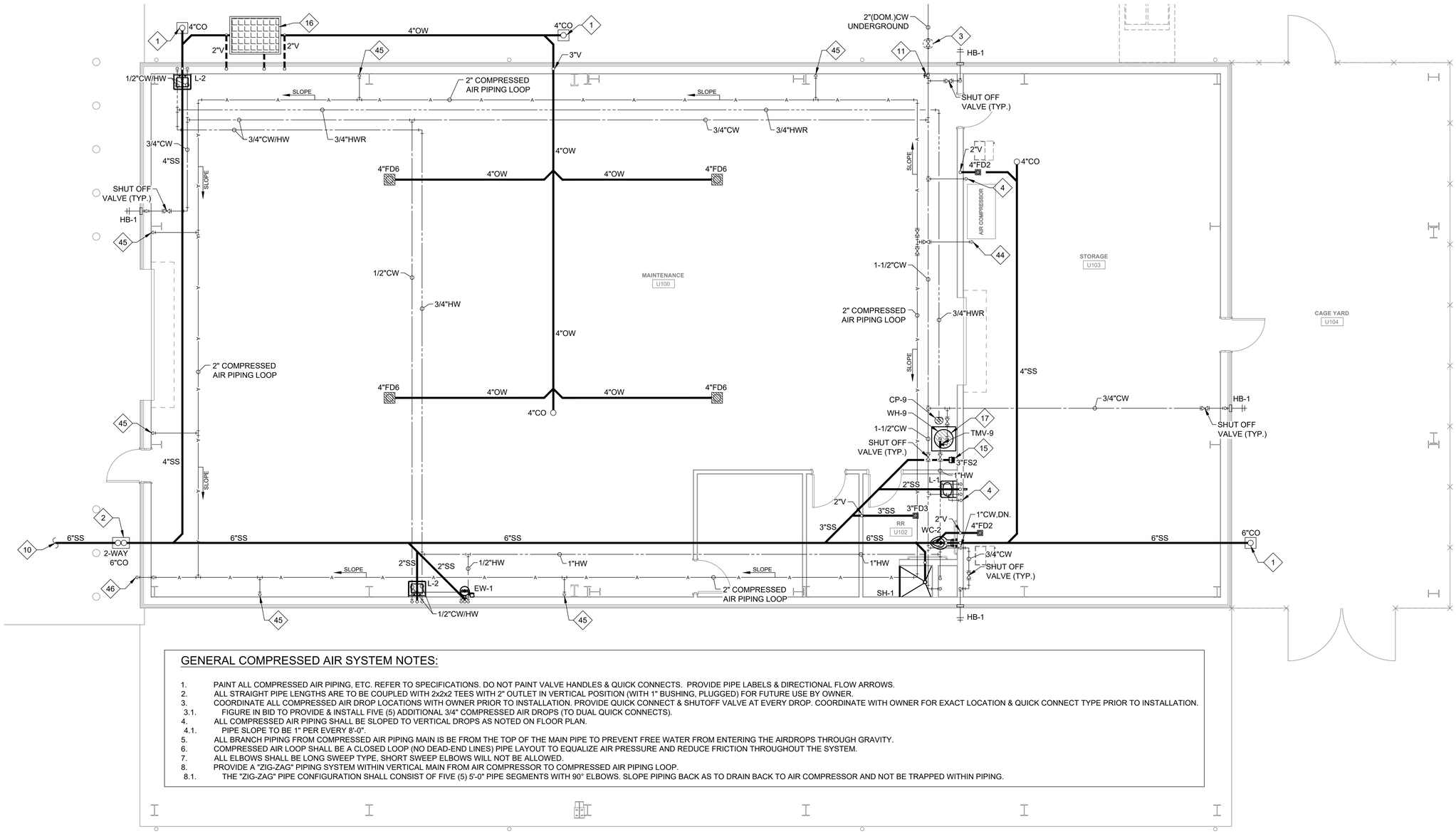
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ENLARGED FLOOR PLAN - PLUMBING

sheet number

P102



GENERAL COMPRESSED AIR SYSTEM NOTES:

1. PAINT ALL COMPRESSED AIR PIPING, ETC. REFER TO SPECIFICATIONS. DO NOT PAINT VALVE HANDLES & QUICK CONNECTS. PROVIDE PIPE LABELS & DIRECTIONAL FLOW ARROWS.
2. ALL STRAIGHT PIPE LENGTHS ARE TO BE COUPLED WITH 2x2x2 TEES WITH 2" OUTLET IN VERTICAL POSITION (WITH 1" BUSHING, PLUGGED) FOR FUTURE USE BY OWNER.
3. COORDINATE ALL COMPRESSED AIR DROP LOCATIONS WITH OWNER PRIOR TO INSTALLATION. PROVIDE QUICK CONNECT & SHUTOFF VALVE AT EVERY DROP. COORDINATE WITH OWNER FOR EXACT LOCATION & QUICK CONNECT TYPE PRIOR TO INSTALLATION.
   - 3.1. FIGURE IN BID TO PROVIDE & INSTALL FIVE (5) ADDITIONAL 3/4" COMPRESSED AIR DROPS (TO DUAL QUICK CONNECTS).
4. ALL COMPRESSED AIR PIPING SHALL BE SLOPED TO VERTICAL DROPS AS NOTED ON FLOOR PLAN.
   - 4.1. PIPE SLOPE TO BE 1" PER EVERY 8'-0".
5. ALL BRANCH PIPING FROM COMPRESSED AIR PIPING MAIN IS BE FROM THE TOP OF THE MAIN PIPE TO PREVENT FREE WATER FROM ENTERING THE AIRDROPS THROUGH GRAVITY.
6. COMPRESSED AIR LOOP SHALL BE A CLOSED LOOP (NO DEAD-END LINES) PIPE LAYOUT TO EQUALIZE AIR PRESSURE AND REDUCE FRICTION THROUGHOUT THE SYSTEM.
7. ALL ELBOWS SHALL BE LONG SWEEP TYPE, SHORT SWEEP ELBOWS WILL NOT BE ALLOWED.
8. PROVIDE A "ZIG-ZAG" PIPING SYSTEM WITHIN VERTICAL MAIN FROM AIR COMPRESSOR TO COMPRESSED AIR PIPING LOOP.
   - 8.1. THE "ZIG-ZAG" PIPE CONFIGURATION SHALL CONSIST OF FIVE (5) 5'-0" PIPE SEGMENTS WITH 90° ELBOWS. SLOPE PIPING BACK AS TO DRAIN BACK TO AIR COMPRESSOR AND NOT BE TRAPPED WITHIN PIPING.

1 MAINTENANCE SHOP FLOOR PLAN - PLUMBING

SCALE: 1/4" = 1'-0"

REFER TO SHEET P100 FOR PLUMBING KEYNOTES

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F 080000078) &
08-403-24-01, F 080001165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MAINTENANCE SHOP FLOOR PLAN - PLUMBING

sheet number

P103

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PIPE CONNECTION C.W.	PIPE CONNECTION H.W.	PIPE CONNECTION WASTE	PIPE CONNECTION VENT	SPECIFICATION
WC-1	WATER CLOSET	SLOAN MODEL ST-2459, OR APPROVED EQUAL	1"	-	4"	3"	WALL MOUNTED WHITE VIT CHINA, ELONGATED BOWL, 14" HIGH BOWL WITH ADJUSTABLE HEIGHT CARRIER SYSTEM. FLUSH VALVE TO BE MANUAL, SLOAN MODEL 111 REGAL, OR APPROVED EQUAL (TO BE EQUIPPED WITH ANGLE STOP AND VACUUM BREAKER TUBE), TOP SPUD. CHURCH MODEL #9500SSCT, (OR APPROVED EQUAL) OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POST, WHITE.
WC-2	HANDICAPPED WATER CLOSET	SLOAN MODEL ST-2459, OR APPROVED EQUAL	1"	-	4"	3"	WALL MOUNTED WHITE VIT CHINA, ELONGATED BOWL, ADA COMPLIANT, 17" HIGH BOWL WITH ADJUSTABLE HEIGHT CARRIER SYSTEM. FLUSH VALVE TO BE MANUAL, SLOAN MODEL 111 REGAL, OR APPROVED EQUAL (TO BE EQUIPPED WITH ANGLE STOP AND VACUUM BREAKER TUBE), TOP SPUD. CHURCH MODEL #9500SSCT, (OR APPROVED EQUAL) OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POST, WHITE.
L-1	LAVATORY	SLOAN MODEL SS-3003, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL HUNG WITH TAILPIECE, 3 HOLE, 4" CENTERS, GRID STRAINER DRAIN. PROVIDE 0.5 FLOW RESTRICTOR, P-TRAP, STOPS, SUPPLIES & CONCEALED ARMS WALL CARRIER. LAVATORY TO BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. FAUCET: CHICAGO MODEL 420-T41E2805ABCP (OR APPROVED EQUAL) SINGLE-LEVER FAUCET WITH INTEGRATED ASSE 1070 COMPLIANT THERMOSTATIC CONTROL FOR SCALD PROTECTION, SOLID LEAD-FREE BRASS CONSTRUCTION, VANDAL RESISTANT 0.5 GPM FLOW RESTRICTOR, PROVIDE DECKPLATE.
L-2	LAVATORY	SLOAN MODEL SS-3003, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL HUNG WITH TAILPIECE, 3 HOLE, 4" CENTERS, GRID STRAINER DRAIN. PROVIDE AND INSTALL 0.5 FLOW RESTRICTOR, P-TRAP, STOPS, SUPPLIES & WALL CARRIER. LAVATORY SHALL BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL). FAUCET: T&S BRASS MODEL B-0892, (OR APPROVED EQUAL) 4" CENTERSET DECK MOUNT MIXING FAUCET WITH POLISH CHROME PLATED BRASS BODY, SWIVEL GOOSENECK, 4" WRISTBLADE HANDLES.
S-1	SINK	ELKAY MODEL ELUHAD161655, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	UNDER-COUNTER MOUNTED, 18 GA. TYPE 304 STAINLESS STEEL, ADA COMPLIANT, 5.5" DEEP BOWL. REAR-CENTER DRAIN LOCATION, GRID STRAINER DRAIN. PROVIDE P-TRAP, STOPS, SUPPLIES. FAUCET: T&S BRASS MODEL B-2866-05-VF05 (OR APPROVED EQUAL) DECK MOUNTED FAUCET WITH WRIST BLADE HANDLES AND GOOSENECK SPOUT, 0.5 GPM VANDAL-RESISTANT FLOW RESTRICTOR.
S-2	SINK	ELKAY MODEL ELUHAD211555, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	UNDER-COUNTER MOUNTED, 18 GA. TYPE 304 STAINLESS STEEL, ADA COMPLIANT, 5.5" DEEP BOWL. REAR-CENTER DRAIN LOCATION, GRID STRAINER DRAIN. PROVIDE P-TRAP, STOPS, SUPPLIES. FAUCET: T&S BRASS MODEL B-2866-05-VF05 (OR APPROVED EQUAL) DECK MOUNTED FAUCET WITH WRIST BLADE HANDLES AND GOOSENECK SPOUT, 0.5 GPM VANDAL-RESISTANT FLOW RESTRICTOR.
S-3	SINK	ELKAY MODEL ELUHAD281655, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	UNDER-COUNTER MOUNTED, 18 GA. TYPE 304 STAINLESS STEEL, ADA COMPLIANT, 5.5" DEEP BOWL. REAR-CENTER DRAIN LOCATION, GRID STRAINER DRAIN. PROVIDE P-TRAP, STOPS, SUPPLIES. FAUCET: AMERICAN STANDARD MODEL 9316.451.002, OR APPROVED EQUAL, METAL LEVER HANDLES, SWIVEL GOOSENECK SPOUT, 0.5 FLOW RESTRICTOR, EQUIPPED WITH SEPARATE COLOR-MATCHED HAND SPRAY.
SHS-1	SHAMPOO SINK	JEFFCO MODEL 8300, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL MOUNTED SHAMPOO BOWL SUPPLIED WITH MOUNTING BRACKET. FIXTURE TO BE EQUIPPED WITH JEFFCO MODEL 570 FAUCET, SHAMPOO HOSE, DRAIN ASSEMBLY, HAIR STRAINER, TAIL PIECE, AND OPTIONAL 388-ASC VACUUM BREAKER. CONTRACTOR TO PROVIDE AND INSTALL WATTS MODEL SI-750 (OR APPROVED EQUAL) HAIR INTERCEPTOR, VERIFY MOUNTING HEIGHTS WITH OWNER, CONTRACTOR TO REFER TO MANUFACTURERS SPECIFICATION FOR ALL CONNECTIONS, ETC. PRIOR TO INSTALLATION. PROVIDE AND INSTALL P-TRAP, STOPS, & SUPPLIES.
MS-1	MOP SINK	FIAT MODEL MSB-2424, OR APPROVED EQUAL	3/4"	3/4"	2"	2"	FLOOR MOUNTED, 2" DRAIN. EQUIPPED WITH. HOSE AND BRACKET COMBO, FIAT MODEL 832-AA (OR APPROVED EQUAL). MOP HANGER BRACKET, FIAT MODEL 889-CC (OR APPROVED EQUAL). CONTRACTOR TO PROVIDE AND INSTALL FRP WALL SURROUND, REFER TO TYPICAL DETAIL. FAUCET: ZURN MODEL Z843M1-RC-CS-HCT (OR APPROVED EQUAL) WALL MOUNTED 8" FAUCET EQUIPPED WITH VACUUM BREAKER SPOUT, PAIL HOOK, QUARTER TURN CERAMIC DISC CARTRIDGES, VANDAL RESISTANT COLOR CODED BRASS LEVER HANDLES, & HOSE THREADS. CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS PRIOR TO INSTALLATION.
LS-1	LAUNDRY SINK	JUST MODEL SB-124, OR APPROVED EQUAL	3/4"	3/4"	2"	2"	TYPE 304 STAINLESS STEEL, FREE STANDING, SINGLE COMPARTMENT SCULLERY SINK. 8" TALL BACK SPLASH WITH 8" CENTER FAUCET HOLES, CENTER DRAIN LOCATION, GRID STRAINER DRAIN. PROVIDE P-TRAP, STOPS, AND SUPPLIES. FAUCET: JUST MODEL JS-48-TA1 (OR APPROVED EQUAL) WALL MOUNTED FAUCET WITH 4" WRIST BLADE HANDLES INDEXED "H" & "C", HEAVY DUTY CAST BRASS BODY, 8" BRASS TUBE SPOUT, QUARTER-TURN QUICK COMPRESSION STEM UNITS, VANDAL RESISTANT AERATOR.
EWC-1	ELECTRIC WATER COOLER	ELKAY MODEL LZOOTL8WSSK, OR APPROVED EQUAL	1/2"	-	2"	2"	WALL HUNG, FRONT PUSHBARS EQUIPPED WITH SENSOR OPERATED HANDS-FREE ACTIVATION, FILTERED, 8.0 GPM OF 50° WATER @ 90° AMBIENT, DUAL LEVEL, ADA COMPLIANT. STAINLESS STEEL LOWER SHROUD, EQUIPPED WITH SENSOR OPERATED, EZH2O BOTTLE FILLER, AUTO 20-SECOND SHUT-OFF TIMER, ANTIMICROBIAL, FLEXI-GUARD SAFETY BUBBLER. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR MOUNTING HEIGHTS, ELECTRICAL SERVICE 120/1/60. CONTRACTOR SHALL FIGURE IN BID TO PROVIDE AND INSTALL CANE-APRON (ELKAY EZ SERIES, OR APPROVED EQUAL) AS REQUIRED.
BF-1	BOTTLE FILLING STATION	ELKAY MODEL LZ8WSSSMC, OR APPROVED EQUAL.	1/2"	-	2"	2"	FILTERED EZH20, SURFACE MOUNTED BOTTLE FILLING STATION WITH CHILLING UNIT. HANDS-FREE ACTIVATION, ANTIMICROBIAL, LAMINAR FLOW WITH VISUAL FILTER MONITOR. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR MOUNTING HEIGHTS, ELECTRICAL SERVICE 120/1/60. NSF 61 COMPLIANT & CERTIFIED LEAD-FREE. NSF 61 COMPLIANT & CERTIFIED LEAD-FREE. PROVIDE AND INSTALL P-TRAP, STOPS, & SUPPLIES.
SH-1	HANDICAPPED SHOWER	AQUA BATH MODEL C4136BF-OT-FUS 3/4", OR APPROVED EQUAL	1/2"	1/2"	2"	2"	36"X36" MOLDED ACRYLIC ADA COMPLIANT TRANSFER SHOWER UNIT, SHOWER HEAD, SWIVEL CONNECTOR, VACUUM BREAKER, BRASS NIPPLE, LOCK NUT, SHOWER WALL OUTLET, STAINLESS STEEL CURTAIN ROD, SHOWER CURTAIN AND HOOKS, WALL MOUNTED FOLD UP TEAKWOOD SEAT WITH BACK SUPPORT, GRAB BARS, 2" FLOOR DRAIN. SHOWER VALVE: ZURN MODEL Z7121-SS-LH-DV2P-HW, (OR APPROVED EQUAL) PRESSURE AND TEMPERATURE BALANCING VALVE. FIXED SHOWER HEAD AND HAND HELD SHOWER SET W/ 60" FLEX HOSE, SWIVEL CONNECTOR, VACUUM BREAKER, BRASS NIPPLE, LOCK NUT, SHOWER WALL OUTLET, 24" SLIDE BAR. CONTRACTOR TO COORDINATE FIXTURE AND FINISH WITH ARCHITECT OR OWNER PRIOR TO INSTALLATION. ALL EXPOSED SHOWER TRIM SHALL BE POLISHED NICKEL CHROME PLATED, PLASTIC WILL NOT BE ACCEPTABLE. "STANDARD" SHOWER STEM LOCATIONS TO BE COORDINATED WITH ARCHITECT IN FIELD, PROVIDE ADDITIONAL MATERIAL TO ACCOMMODATE INSTALLATION HEIGHT. SHOWER VALVES TO BE ASSE 1016 COMPLIANT, CSA STANDARD B125 COMPLIANT, & A112.18.1 COMPLIANT. SHOWER FRAMING REQUIREMENT: CONTRACTOR TO COORDINATE EXACT FRAMING REQUIREMENTS OF SHOWER PRIOR TO ORDERING SHOWER BASE(S) AS TO VERIFY REQUIREMENTS OF ACTUAL SHOWER THAT IS TO BE SUPPLIED TO PROJECT. BUILDING SLAB RECESS REQUIREMENT: COORDINATE SLAB RECESS AS REQUIRED FOR PROPER SHOWER INSTALLATION & ADA COMPLIANCE.
EW-1	WALL MOUNTED EYE/FACE WASH	GUARDIAN MODEL G1814, OR APPROVED EQUAL	TEMPERED 1/2"		2"	2"	WALL-MOUNTED EYE/FACE WASH. STAINLESS STEEL BOWL, HEAVY DUTY CAST ALUMINUM WALL BRACKET, PUSH HANDLE ACTIVATED, STAY OPEN FULL FLOW BALL VALVE, TWIN SPRAY HEADS WITH INDIVIDUAL FLOW RESTRICTORS AND FLIP TOP DUST COVERS, P-TRAP, SUPPLIES. PROVIDE AND INSTALL LEONARD MODEL 6020-LF-STSTL-REC (OR APPROVED EQUAL) EMERGENCY THERMOSTATIC MIXING VALVE (ASSE 1071 COMPLIANT) EQUIPPED WITH OPTIONAL RECESSED CABINET AT EACH EYEWASH STATION.
HR-1	HOSE REEL	T&S BRASS MODEL B-7212-01, OR APPROVED EQUAL	3/4"	-	-	-	OPEN EPOXY COATED HOSE REEL, HIGH FLOW SPRAY VALVE WITH SWIVEL, 3/8X15' HEAVY-DUTY NON-MARKING HOSE, RATCHETING SYSTEM, MULTI-FIT BRACKET, ADJUSTABLE HOSE BUMPER, 3/8" NPT FEMALE INLET.
HB-1	HOSE BIBB	ZURN MODEL Z-1320, OR APPROVED EQUAL	3/4"	-	-	-	AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, FREEZELESS, WALL HYDRANT WITH FLUSH MOUNTED CHROME PLATED WALL BOX LABELED "WATER", LONG TEE KEY, CHROME HEAD NUT. WHERE WALL THICKNESS DOES NOT ALLOW FOR THE INSTALLATION OF THE SPECIFIED FLUSH MOUNTED FREEZELESS HOSE BIBB, PROVIDE AND INSTALL WOODFORD MODEL 68 UNDERCOVER WALL HYDRANT. VERIFY ALL WALL THICKNESS AS SHOWN ON ARCHITECTURAL DRAWINGS & IN FIELD PRIOR TO ORDERING ANY AND ALL HOSE BIBBS.
HB-2	HOSE BIBB	ZURN MODEL Z1350, OR APPROVED EQUAL	3/4"	-	-	-	NARROW WALL HYDRANT, AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, WALL HYDRANT WITH FLUSH MOUNTED CHROME PLATED WALL BOX LABELED "WATER", LONG TEE KEY.
HB-3	HOSE BIBB	WOODFORD MODEL SRH-MS, OR APPROVED EQUAL	3/4"	-	-	-	AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, ROOF HYDRANT, BOOT COVERS WELL SEAL THAT TIGHTENS BETWEEN HYDRANT SUPPORT AND CASING, UNDER DECK FLANGE, MOUNTING BOLTS. FREEZELESS, ASSE 1057 COMPLIANT, NO DRAIN LINE REQUIRED IN ORDER TO BE FREEZELESS.
HB-4	HOSE BIBB	WOODFORD MODEL S3, OR APPROVED EQUAL	1"	-	-	-	AUTOMATIC DRAINING BACKFLOW PREVENTER FROST PROOF YARD HYDRANT EQUIPPED WITH DIVERTER VALVE, HOSE CONNECTION BACKFLOW PREVENTER - NIDEL MODEL 37 HF, ASSE 1052 APPROVED, LEAD FREE.
PWC-1	COMBINATION WATER CLOSET LAVATORY	ACORN MODEL LR1418-CT-2-04-M-FVBO-HPS-CO1-PC-FVT-SW, METCRAFT, OR APPROVED EQUAL.	1"	-	4"	3"	14 GAGE, TYPE 304 STAINLESS STEEL, LIGATURE RESISTANT, PENAL COMBINATION WATER CLOSET WITH OVAL SHAPED LAVATORY (CENTERED). FIXTURE TO BE ON FLOOR, WALL OUTLET. EQUIPPED WITH HOT & COLD METERING VALVE, HIGH POLISH INTEGRAL SEAT, CLEANOUT WITH O-RING, FLUSH THRU-WALL CONNECTOR, PINNED CLEANOUT PLUG, & WALL SLEEVE. FLUSH VALVE TO BE ZURN MODEL ZH6603AV-WS1-MBP, OR APPROVED EQUAL. FLUSH VALVE TO COME COMPLETE WITH A NON-HOLD OPEN TYPE HYDRAULIC PUSH BUTTON ACTUATOR. PROVIDE ASSE 1070 LAVATORY TEMPERING VALVE. LAVATORY TEMPERING VALVE TO BE ACORN MODEL ST70 WITH OPTIONAL MOUNTING BRACKET. LOCATE LAVATORY TEMPERING VALVE WITHIN ACCESSIBLE PLUMBING CHASE.
PWC-2	COMBINATION WATER CLOSET LAVATORY	ACORN MODEL LR1449-RO/LO-2-04-M-FVBO-CO1-PC-FVT-SW, METCRAFT, OR APPROVED EQUAL.	1"	-	4"	3"	14 GAGE, TYPE 304 STAINLESS STEEL, ADA COMPLIANT, LIGATURE RESISTANT, PENAL COMBINATION WATER CLOSET WITH OFF-SET LAVATORY. FIXTURE TO BE ON FLOOR, WALL OUTLET. EQUIPPED WITH HOT & COLD METERING VALVE, HIGH POLISH INTEGRAL SEAT, CLEANOUT WITH O-RING, FLUSH THRU-WALL CONNECTOR, PINNED CLEANOUT PLUG, & WALL SLEEVE. FLUSH VALVE TO BE ZURN MODEL ZH6603AV-WS1-MBP, OR APPROVED EQUAL. FLUSH VALVE TO COME COMPLETE WITH A NON-HOLD OPEN TYPE HYDRAULIC PUSH BUTTON ACTUATOR. GRAB BARS SUPPLIED BY OTHERS. CONTRACTOR TO COORDINATE WATER CLOSET/LAVATORY ORIENTATION WITH DRAWINGS PRIOR TO ORDERING. PROVIDE ASSE 1070 LAVATORY TEMPERING VALVE. LAVATORY TEMPERING VALVE TO BE ACORN MODEL ST70 WITH OPTIONAL MOUNTING BRACKET. LOCATE LAVATORY TEMPERING VALVE WITHIN ACCESSIBLE PLUMBING CHASE.
PWC-3	PENAL HANDICAPPED WATER CLOSET	ACORN MODEL MLR2141-ADA-W-2-RM-FVBO, METCRAFT, OR APPROVED EQUAL.	1"	-	4"	3"	14 GAGE, TYPE 304 STAINLESS STEEL, LIGATURE RESISTANT, ADA COMPLIANT, PENAL WATER CLOSET. TO BE FLOOR DRAINAGE OUTLET, SECURED TO WALL. FLUSH VALVE TO BE CONCEALED WITH HYDRAULIC ACTUATION, ZURN MODEL ZH6611AV-WS1-MBP, OR APPROVED EQUAL. FLUSH VALVE TO COME COMPLETE WITH A NON-HOLD OPEN TYPE HYDRAULIC PUSH BUTTON ACTUATOR.
PL-1	LAVATORY	ACORN MODEL LR1652-1-04-M-LW1-SW, METCRAFT, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	14 GAGE, TYPE 304 STAINLESS STEEL, ADA COMPLIANT, PENAL LAVATORY, TO BE EQUIPPED WITH DECK MOUNTED HEMISPHERICAL PENAL BUBBLER, HOT/COLD PUSHBUTTONS, HOT/COLD METERING VALVE, THRU-WALL WASTE EXTENSION WITH P-TRAP, & WALL SLEEVE. PROVIDE ASSE 1070 LAVATORY TEMPERING VALVE. LAVATORY TEMPERING VALVE TO BE ACORN MODEL ST70 WITH OPTIONAL MOUNTING BRACKET. LOCATE LAVATORY TEMPERING VALVE WITHIN ACCESSIBLE PLUMBING CHASE.
PL-2	HAND WASH STATION	ACORN MODEL 3424-ADA-2-H-CB, METCRAFT, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	14 GAGE, TYPE 304 STAINLESS STEEL, ADA COMPLIANT, SEMI-CIRCULAR, FOUR-STATION HAND WASH FOUNTAIN WITH INTEGRAL BACKSPLASH. SPRAY NOZZLES ARE TO BE VANDAL RESISTANT WITH 0.5 GPM FLOW RATE AT EACH STATION. PUSH BUTTON OPERATION WITH METERING NON-HOLD OPEN AIR-CONTROL VALVES AND CAN BE FIELD SET FOR FLOW RANGE OF 5 TO 60 SECONDS. CONTRACTOR TO PROVIDE AND INSTALL LAWLER MODEL TMM-1070 (OR APPROVED EQUAL) ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE TO SERVE HAND WASH STATION.
PSH-1	SHOWER	ACORN MODEL LR1741-1-04-M-RD-F2.0-SW, METCRAFT, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	14 GAGE, TYPE 304 STAINLESS STEEL, LIGATURE RESISTANT, PENAL SHOWER SYSTEM. EQUIPPED WITH ASSE 1016 COMPLIANT TEMPERATURE/PRESSURE BALANCING MIXING VALVE ACCESSED FROM CHASE. EQUIPPED WITH HEMISPHERICAL PUSHBUTTON, CONICAL SHOWERHEAD, WALL SLEEVE, & RECESSED SOAP DISH. SHOWER VALVE SHALL BE AIR-CONTROL, METERING, NON-HOLD OPEN TYPE. COORDINATE WITH ARCHITECT FOR MOUNTING HEIGHTS PRIOR TO INSTALLATION. PROVIDE 2"FD7 FLOOR DRAIN AT EACH SHOWER STALL.
PSH-2	HANDICAPPED SHOWER	ACORN MODEL LR1741ADA-8MV-PBH-CSH-FH-SW, METCRAFT, OR APPROVED EQUAL.	1/2"	1/2"	2"	2"	14 GAGE, TYPE 304 STAINLESS STEEL, LIGATURE RESISTANT, ADA COMPLIANT PENAL SHOWER SYSTEM. EQUIPPED WITH ASSE 1016 COMPLIANT TEMPERATURE/PRESSURE BALANCING MIXING VALVE ACCESSED FROM CHASE. ADA COMPLIANT TRI-LEVER HANDLE, HEMISPHERICAL PUSHBUTTON, CONICAL SHOWERHEAD, & RECESSED SOAP DISH. SHOWER VALVE SHALL BE AIR-CONTROL, METERING, NON-HOLD OPEN TYPE. COORDINATE WITH ARCHITECT FOR MOUNTING HEIGHTS PRIOR TO INSTALLATION. PROVIDE 2"FD7 FLOOR DRAIN AT EACH SHOWER STALL.
DF-1	DRINKING FOUNTAIN	ACORN MODEL MLR1672FA-1-03, METCRAFT, OR APPROVED EQUAL.	1/2"	-	2"	2"	14 GAGE, TYPE 304 STAINLESS STEEL, ADA COMPLIANT, FRONT ACCESS, LIGATURE RESISTANT, PENAL DRINKING FOUNTAIN, PUSH BUTTON, HEMISPHERICAL DRINKING BUBBLER & PUSH BUTTON, REMOVABLE P-TRAP COVER. EQUIPPED WITH SINGLE TEMP AIR-CONTROL VALVE.
KS-1	HAND WASH SINK	ADVANCE TABCO MODEL 7-PS-68, OR PRIOR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL HUNG, WITH TAILPIECE, STAINLESS STEEL, GOOSENECK SPLASH MOUNTED FAUCET, ADVANCE TABCO MODEL 7-PS-68, GRID DRAIN. 0.5 FLOW RESTRICTOR, WRIST BLADE HANDLES, P-TRAP, STOPS AND SUPPLIES, CARRIER. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL).
KS-2	DOUBLE COMP. SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	4"	2"	FIELD ROUTE ALL REQUIRED PLUMBING SERVICES TO FIXTURE AND CONNECT. PLUMBING CONTRACTOR TO INSTALL AND MAKE ALL FINAL CONNECTIONS. SUPPLY ALL REQUIRED HARDWARE/ACCESSORIES (P-TRAP, TAIL PIECE, STOPS, SUPPLY LINES, ETC.) TO ACCOMMODATE INSTALLATION OF PLUMBING FIXTURE. ALL HARDWARE USED TO ATTACH FIXTURE SHALL BE STAINLESS STEEL, NO EXCEPTION.
KS-3	THREE COMP. SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	4"	2"	FIELD ROUTE ALL REQUIRED PLUMBING SERVICES TO FIXTURE AND CONNECT. PLUMBING CONTRACTOR TO INSTALL AND MAKE ALL FINAL CONNECTIONS. SUPPLY ALL REQUIRED HARDWARE/ACCESSORIES (P-TRAP, TAIL PIECE, STOPS, SUPPLY LINES, ETC.) TO ACCOMMODATE INSTALLATION OF PLUMBING FIXTURE. ALL HARDWARE USED TO ATTACH FIXTURE SHALL BE STAINLESS STEEL, NO EXCEPTION.
KS-4	PRE-RINSE SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	1/2"	1/2"	2"	2"	FIELD ROUTE ALL REQUIRED PLUMBING SERVICES TO FIXTURE AND CONNECT. PLUMBING CONTRACTOR TO INSTALL AND MAKE ALL FINAL CONNECTIONS. SUPPLY ALL REQUIRED HARDWARE/ACCESSORIES (P-TRAP, TAIL PIECE, STOPS, SUPPLY LINES, ETC.) TO ACCOMMODATE INSTALLATION OF PLUMBING FIXTURE. ALL HARDWARE USED TO ATTACH FIXTURE SHALL BE STAINLESS STEEL, NO EXCEPTION.
KMS-1	MOP SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	2"	2"	FIELD ROUTE ALL REQUIRED PLUMBING SERVICES TO FIXTURE AND CONNECT. PLUMBING CONTRACTOR TO INSTALL AND MAKE ALL FINAL CONNECTIONS. SUPPLY ALL REQUIRED HARDWARE/ACCESSORIES (P-TRAP, TAIL PIECE, STOPS, SUPPLY LINES, ETC.) TO ACCOMMODATE INSTALLATION OF PLUMBING FIXTURE. ALL HARDWARE USED TO ATTACH FIXTURE SHALL BE STAINLESS STEEL, NO EXCEPTION.
WF-1	WALL FAUCET	ZURN MODEL Z843M1, OR APPROVED EQUAL	3/4"	3/4"	-	-	WALL MOUNTED 8" FAUCET EQUIPPED WITH VACUUM BREAKER SPOUT, PAIL HOOK, QUARTER TURN CERAMIC DISC CARTRIDGES, VANDAL RESISTANT COLOR CODED BRASS LEVER HANDLES, & HOSE THREADS. CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS PRIOR TO INSTALLATION.

GENERAL NOTES:
1. SINKS TO MEET ADA STANDARDS, MIN. CLEARANCE 29" FROM FLOOR TO BOTTOM OF APRON. EXPOSED DRAIN AND WATER PIPING UNDER SINK SHALL NOT INTERFERE W/ REQUIRED KNEE CLEARANCE AND BE COVERED WITH TWO-PIECE, SNAP-ON, PVC INSULATED COVERS, TRUEBRO "HANDI LAV-GUARD", PLUMBEREX 3000, OR APPROVED EQUAL.
2. ANY AND ALL MANUFACTURERS AND OR MODEL NUMBERS NOT LISTED IN PLUMBING SCHEDULES ARE TO BE SUBMITTED TO ARCHITECT & ENGINEER FOR PRIOR APPROVAL. ALL PRIOR APPROVAL SUBMITTALS ARE TO INCLUDE MODEL NUMBERS AND CUT SHEET. SUBMITTALS THAT DO NOT INCLUDING CUT SHEETS WILL NOT BE APPROVED.
3. ALL MODEL NUMBERS SPECIFIED MAY NOT NECESSARILY INCLUDE ALL OPTIONS LISTED WITHIN SPECIFICATION SECTION. THIS DOES NOT EXEMPT THE CONTRACTOR FROM EXCLUDING SUCH OPTIONS AS LISTED WITHIN THE SPECIFICATION SECTION.
4. HARDWARE (CARRIAGE BOLTS, ETC.) USED TO ATTACHED ALL PLUMBING FIXTURES IS TO BE STAINLESS STEEL, NO EXCEPTION. PROVIDE SUBMITTAL TO ARCHITECT PRIOR TO INSTALLATION.
5. APPROVED MANUFACTURERS (NAME BRAND ONLY, SEE NOTE #3): MOEN, ZURN, CHICAGO, SLOAN, BRADLEY, KOHLER, MANSFIELD, CENTOCO, MIFAB, WATTS, AMERICAN STANDARD, ACORN, FLORESTONE, WILKINS, JR SMITH, MUSTEE, GERBER, RHEEM, SYMMONS, HAMILTON.
6. WALL MOUNTED LAVATORIES SHALL BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. ALL OTHER LAVATORY P-TRAPS & SUPPLIES SHALL BE COVERED WITH TWO-PIECE, SNAP-ON, PVC INSULATED COVERS, TRUEBRO "HANDI LAV-GUARD", PLUMBEREX 3000, OR APPROVED EQUAL.
7. ADA SHOWER TEMPERATURE & DIVERTER VALVE INSTALLATION: INSTALL THE SHOWER TEMPERATURE VALVE & DIVERTER VALVE SIDE BY SIDE AS TO BOTH BE INSTALLED IN THE ADA CONTROL AREA. MODIFY SUPPLY WATER PIPING AS REQUIRED IN ORDER TO ACCOMODATE THIS INSTALLATION AT ALL ADA SHOWER CONTROLS.

DOMESTIC HOT WATER HEATER SCHEDULE (GAS FIRED)

NO.	MIN. STOR. GAL.	BTU INPUT	RECOVERY (GPH) (THERMAL EFFICIENCY) 70°F TO 140°F	GAS CONN.	K.W.	ELEC. SERV.	AMP	EXHAUST	OPERATING WEIGHT (LBS.)	MANUFACTURER
WH-1A,1B,1C	114.7	500,000	840 (98%)	1"	-	120/1/60	11 A	6"	1,744	PVI CONQUEST MODEL CQT500, OR PRIOR APPROVED EQUAL.

GENERAL NOTES:
1. ENTIRE WATER HEATER TO BE ASME TEST & CERTIFIED (INCLUDING T&P RELIEF VALVE).
2. CONTRACTOR TO PROVIDE FACTORY CERTIFIED STARTUP FOR ALL WATER HEATERS, NO EXCEPTION.
3. WATER HEATER TO HAVE 15 YEAR TANK WARRANTY (8 YEARS NON-PRORATED, 7 YEARS PRORATED).
4. VERIFY ALL SERVICE CLEARANCES AROUND EQUIPMENT PRIOR TO INSTALLATION.

INSTANTANEOUS WATER HEATER SCHEDULE (GAS FIRED)

NO.	MAX. INPUT RATE (Btuh)	MIN. INPUT RATE (Btuh)	RECOV. GPM 35° RISE	RECOV. GPM 45° RISE	RECOV. GPM 77° RISE	OPERATING GAS PRESSURE	ELECTRICAL DATA: POWER CONSUMPTION	AMPS	VOLTS	PH./HZ.	MANUFACTURER
WH-2A,2B,2C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-3A,3B,3C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-4A,4B,4C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-5A,5B,5C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-6A,6B,6C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-7A,7B,7C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.
WH-8A,8B,8C	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1/60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.

GENERAL NOTES:
1. PROVIDE WALL MOUNT RACK SYSTEM FOR EACH SYSTEM. REFER TO DRAWINGS & DETAILS FOR QUANTITY OF WATER HEATERS ON RACK SYSTEM.
2. PROVIDE MULTI-UNIT CONTROLLER ASSEMBLY FOR EACH SYSTEM.
3. PROVIDE TANKLESS ISOLATION VALVE KIT.
4. EACH WATER HEATER SHALL COME WITH 6', 3 PRONG, POWER CORD FOR WALL OUTLET PLUG-IN INSTALLATION.
5. PROVIDE COMMUNICATION CABLE FROM UNIT TO UNIT.
6. PROVIDE CONDENSATE NEUTRALIZER.
7. PROVIDE CONCENTRIC VENT KIT AT WATER HEATER FOR ROOF PENETRATION. VENT KIT TO BE SUPPLIED BY WATER HEATER MANUFACTURER TO ENSURE COMPATIBILITY WITH WATER HEATER & FOR WARRANTY COMPLIANCE. INNER EXHAUST MATERIAL TO BE POLYPROPYLENE. TO BE PROVIDED WITH ROOF DISCHARGE TERMINATION KIT. PROVIDE ALL REQUIRED ROOF FLASHING, ELBOWS & EXTENSIONS AS REQUIRED (SUPPLIED BY WATER HEATER MANUFACTURER).

DOMESTIC HOT WATER HEATER SCHEDULE (ELECTRIC)

NO.	NOMINAL CAPACITY (GALLONS)	MBTU OUTPUT	RECOV. GPH 80° RISE	GAS CONN.	K.W.	ELEC. SERV.	FLUE SIZE	MANUFACTURER
WH-9,10	51	-	30	-	6	208/1/60	-	AO SMITH MODEL DEL-50, OR APPROVED EQUAL.

GENERAL NOTES:
1. VERIFY ALL SERVICE CLEARANCES AROUND EQUIPMENT PRIOR TO INSTALLATION.

THERMOSTATIC MIXING VALVE SCHEDULE

NO.	LOCATION	MINIMUM FLOW (GPM)	FLOW RATE (GPM) @ 5PSI PRESSURE DROP	FLOW RATE (GPM) @ 10PSI PRESSURE DROP	INLET SIZES	OUTLET SIZE	MANUFACTURER
TMV-1,2,3,4,5,6,7,8	RE: DWGS.	1.0	48	65	1-1/4"	1-1/2"	LEONARD MODEL TM-186-1520B-LF-RF-STSTL-EXP, OR APPROVED EQUAL
TMV-9,10	RE: DWGS.	1.0	11	16	3/4"	3/4"	LEONARD MODEL XL-32A-LF-BDT-IT, OR APPROVED EQUAL

GENERAL NOTES:
1. ALL TMV TO BE HIGH/LOW THERMOSTATIC MIXING VALVES.
2. ALL THERMOSTATIC MIXING VALVES TO BE PROVIDED WITH EXPOSED STAINLESS STEEL CABINETS, PIANO HINGED DOORS AND BE LOCKABLE.
3. ALL UNITS TO BE PROVIDED WITH WALL MOUNTING BRACKETS, VACUUM BREAKERS, TOP SUPPLIES, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, INLET CHECKSTOPS, OUTLET BALL VALVE, COLOR CODED DIAL THERMOMETER (0°F-140°F), INLET MANIFOLD PIPING, LOCKING TEMPERATURE REGULATOR, AND BE FACTORY ASSEMBLED AND TESTED.
4. ALL TMV TO ASSE 1017 COMPLIANT.
5. ALL TMV TO HAVE 1 GPM MINIMUM FLOW.
6. ALL TMV TO BE LEAD-FREE TYPE.
7. ALL TMV TO CSA CERTIFIED.
8. PROVIDE INLET THERMOMETERS.

DOMESTIC HOT WATER CIRCULATING PUMP SCHEDULE

MARK	SERVICE	GPM	TDH (FT.)	RPM	WATTS	ELECTRIC	MANUFACTURER
CP-1A,1B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-2A,2B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-3A,3B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-4A,4B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-5A,5B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-6A,6B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-7A,7B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-8A,8B	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.
CP-9	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.

GENERAL NOTES:
1. PUMP TO BE ALL STAINLESS STEEL CONSTRUCTION SUITABLE FOR DOMESTIC WATER USE (LEAD FREE, NSF 61 & 372 COMPLIANT).
2. TO BE CONTROLLED BY AQUASTAT WITH TIMER (TACO MODEL 563-2 OR PRIOR APPROVED EQUAL) IN RETURN WATER PIPING.
3. PUMP SHALL BE HIGH PERFORMANCE, VARIABLE SPEED, WET-ROTOR CIRCULATOR WITH HIGH-EFFICIENCY ECM PERMANENT MAGNET TECHNOLOGY.
4. PUMP CONTROL COVER SHALL HAVE THE ABILITY TO BE ROTATED AS TO ALLOW FOR PUMP MOUNTING IN VARIOUS ORIENTATIONS.
5. PUMP SHALL HAVE THE FOLLOWING OPERATING MODES: 0-10V, HIGH, MEDIUM, LOW, & ACTIVEADAPT (CIRCULATOR SHALL HAVE THE ABILITY TO SENSE CHANGES IN SYSTEM FLOW AND HEAD CONDITIONS AND ADJUST THE OPERATING CURVE AUTOMATICALLY).
6. PUMP TO HAVE DIGITAL LED DISPLAY CONTROLLER FOR EASY PROGRAMMING AND DIAGNOSTIC FEEDBACK.
7. PUMP SHALL HAVE OF MEANS OF DISCONNECT, COORDINATE WITH ELECTRICAL DRAWINGS.
8. PUMP TO BE FURNISHED WITH CORD AND PLUG.

WATER FILTER SCHEDULE

MARK	MANUFACTURER & MODEL NO.	LOCATION	TYPE	HORIZONTAL OR VERTICAL	FLOW RATE (GPM)	OVERALL DIMENSIONS (DxH)	OPERATING WEIGHT (LBS)	REMARKS
OF-1	WATTS ONE FLOW - OF120-2, OR PRIOR APPROVED EQUAL.	ICE MACHINE	ANTI-SCALE SYSTEM	VERTICAL	2	6"x15"	8	1,2

GENERAL NOTES:
1. PROVIDE WITH 1/2" INLET AND 1/2" OUTLET CONNECTIONS.
2. COORDINATE WITH FOOD SERVICE DRAWINGS FOR EXACT LOCATION PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

EYRE ENGINEERING

PRINTED: 4-1-2026

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

PLUMBING SCHEDULES

sheet number

P201

VENTS THRU ROOF

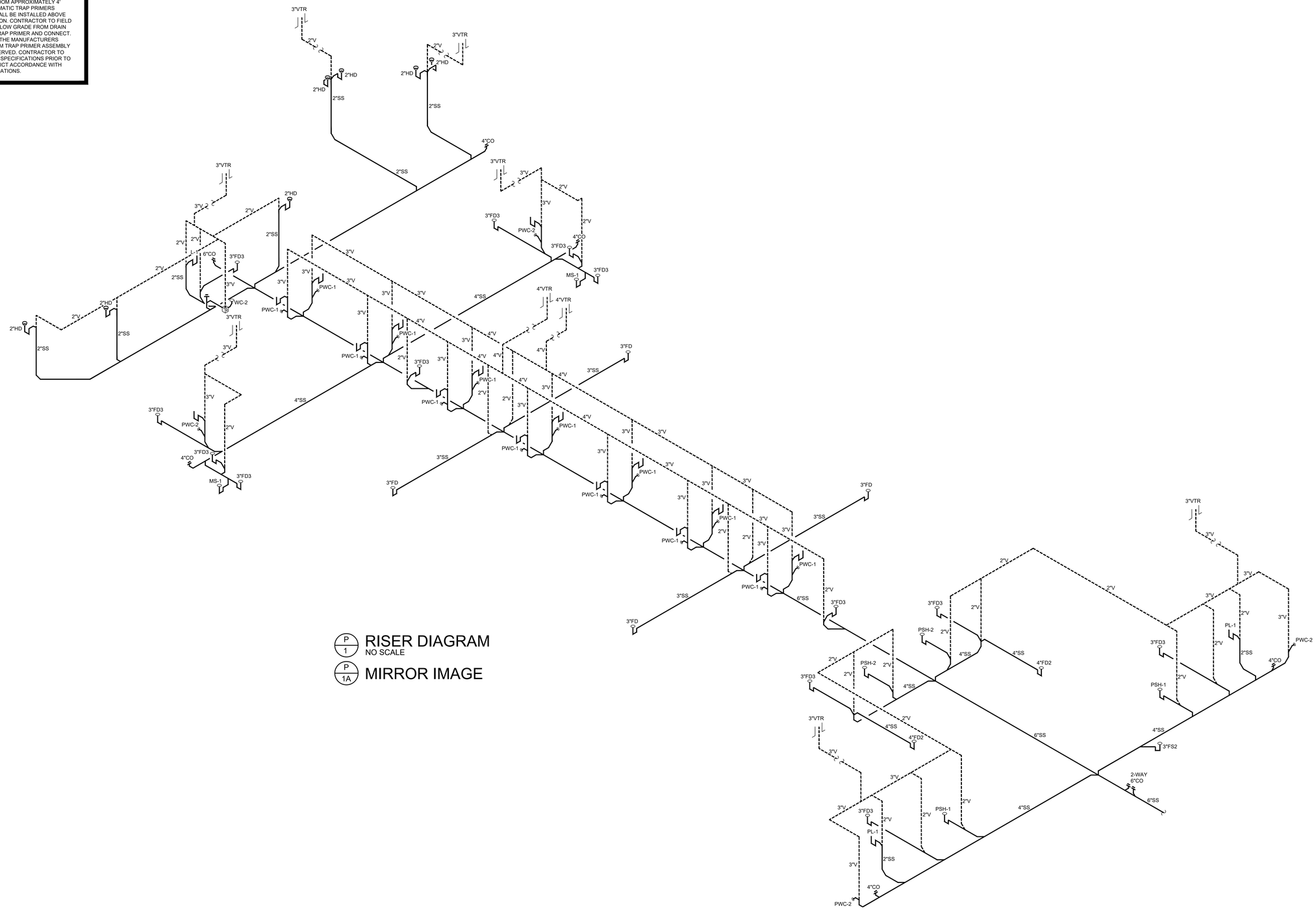
CONTRACTOR TO COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION OF ALL PLUMBING VENTS THRU ROOF, NO EXCEPTION.

TRAP PRIMERS

ALL FLOOR DRAINS AND FLOOR SINKS TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK, REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

SHOCK ABSORBERS

CONTRACTOR SHALL PROVIDE EITHER AIR CHAMBERS (MIN. 18" HIGH) OR FACTORY SHOCK ABSORBERS ON ALL CW AND HW LINES AT ALL FIXTURES TO PREVENT WATER HAMMER. REFER TO SCHEDULE FOR SIZE OF SHOCK ABSORBERS.



P/1 RISER DIAGRAM
NO SCALE

P/1A MIRROR IMAGE

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001 65
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING RISER DIAGRAMS

sheet number

P301

EYRE ENGINEERING
PRINTED: 4-1-2026

VENTS THRU ROOF

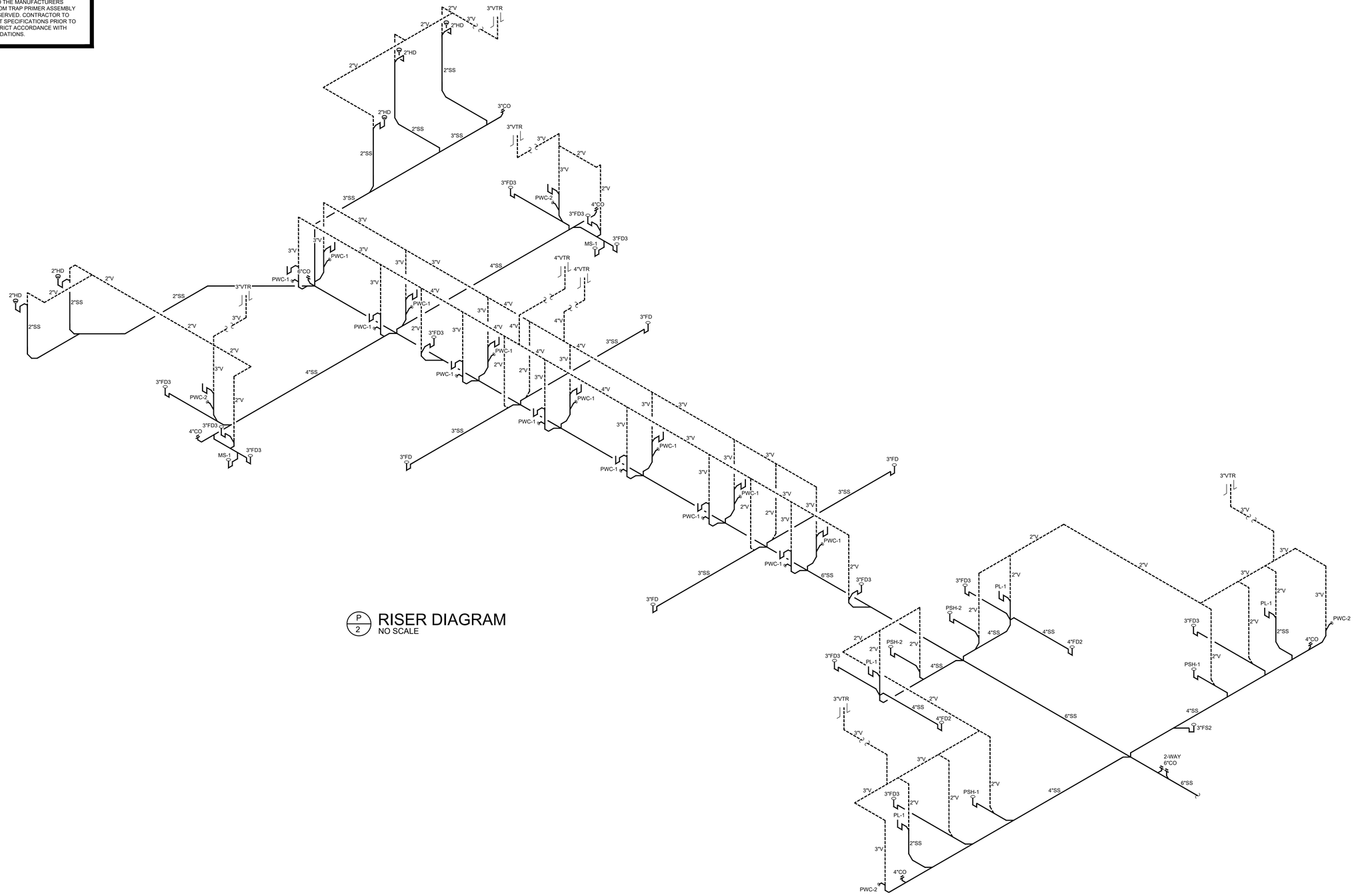
CONTRACTOR TO COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION OF ALL PLUMBING VENTS THRU ROOF, NO EXCEPTION.

TRAP PRIMERS

ALL FLOOR DRAINS AND FLOOR SINKS TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK, REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

SHOCK ABSORBERS

CONTRACTOR SHALL PROVIDE EITHER AIR CHAMBERS (MIN. 18" HIGH) OR FACTORY SHOCK ABSORBERS ON ALL CW AND HW LINES AT ALL FIXTURES TO PREVENT WATER HAMMER. REFER TO SCHEDULE FOR SIZE OF SHOCK ABSORBERS.



P/2 RISER DIAGRAM
NO SCALE

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001 65
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING RISER DIAGRAMS

sheet number
P302

EYRE ENGINEERING
PRINTED: 4-1-2026

VENTS THRU ROOF

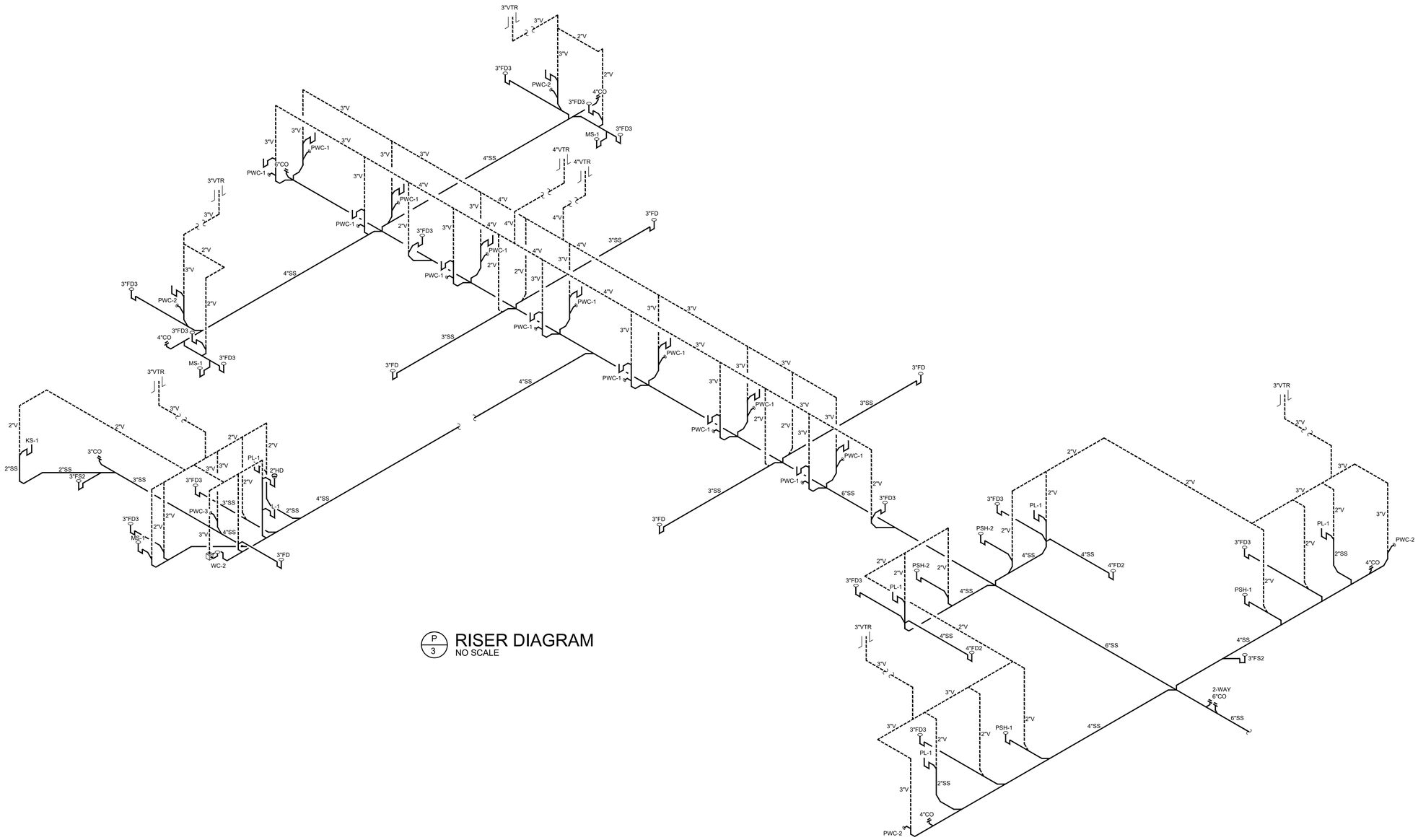
CONTRACTOR TO COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION OF ALL PLUMBING VENTS THRU ROOF, NO EXCEPTION.

TRAP PRIMERS

ALL FLOOR DRAINS AND FLOOR SINKS TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK, REFER TO DETAIL #14, SHEET P402. AUTOMATIC TRAP PRIMER ASSEMBLIES TO BE FIELD INSTALLED IN ACCESSIBLE LOCATIONS. ALL AUTOMATIC TRAP PRIMERS LOCATED WITHIN MECHANICAL ROOMS AND ACCESSIBLE PLUMBING CHASES SHALL BE INSTALLED EXPOSED WITHIN ROOM APPROXIMATELY 4' ABOVE FINISHED FLOOR. AUTOMATIC TRAP PRIMERS SERVING ALL OTHER AREAS SHALL BE INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. CONTRACTOR TO FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. CONTRACTOR TO COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

SHOCK ABSORBERS

CONTRACTOR SHALL PROVIDE EITHER AIR CHAMBERS (MIN. 18" HIGH) OR FACTORY SHOCK ABSORBERS ON ALL CW AND HW LINES AT ALL FIXTURES TO PREVENT WATER HAMMER. REFER TO SCHEDULE FOR SIZE OF SHOCK ABSORBERS.



P/3 RISER DIAGRAM
NO SCALE

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F 08000078) &
08-403-24-01, F 08000165
SITE CODE: 2-17-044 STATE I.D. : NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

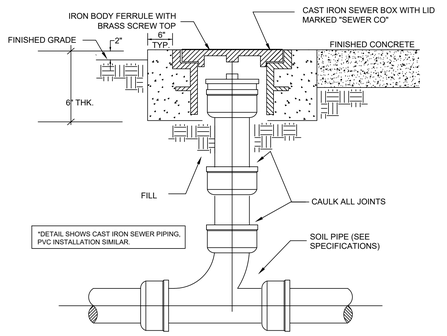
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

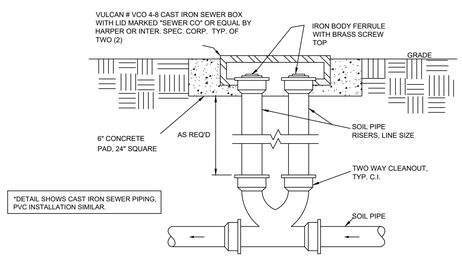
PLUMBING RISER DIAGRAMS

sheet number
P303

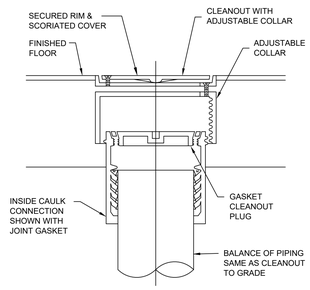
EYRE ENGINEERING



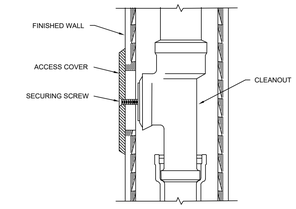
1 NTS DETAIL - EXTERIOR CLEANOUT



2 NTS DETAIL - 2-WAY EXTERIOR CLEANOUT

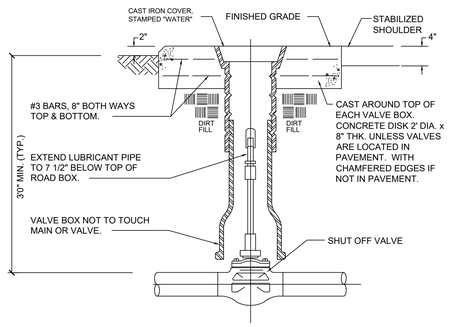


3 NTS DETAIL - FLOOR CLEANOUT

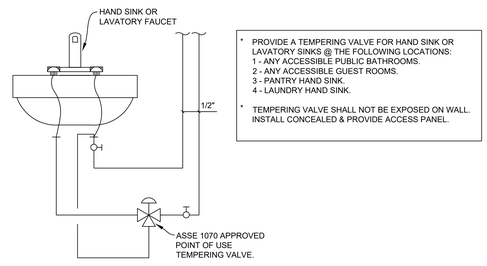


*ALL WALL-MOUNTED PLUMBING FIXTURES (WASH STATIONS, WATER COOLERS, ETC.) SHALL BE PROVIDED WITH A 2" WALL CLEANOUT WITH CHROME-PLATED COVER TO ALLOW CLEANING OF THE SANITARY SEWER BRANCH LINE WITHOUT REMOVAL OF THE FIXTURE. WALL CLEANOUTS LOCATED WITHIN SECURE AREAS SHALL BE FLUSH-MOUNTED WITH SECURITY-TYPE, TAMPER-RESISTANT, KEYED OR TOOL-REMOVABLE COVERS ONLY. NO PROTRUDING EDGES OR HANDHOLDS. INSTALL CLEANOUTS TO PREVENT REMOVAL, CONCEALMENT OF CONTRABAND, OR USE AS A LIGATURE OR WEAPON. COORDINATE FINAL CLEANOUT TYPE, LOCATION, AND ACCESS METHOD WITH OWNER AND FACILITY SECURITY REQUIREMENTS PRIOR TO INSTALLATION.

4 NTS DETAIL - WALL CLEANOUT



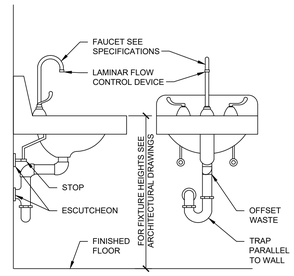
5 NTS DETAIL - WATER SHUT OFF VALVE



* PROVIDE A TEMPERING VALVE FOR HAND SINK OR LAVATORY SINKS @ THE FOLLOWING LOCATIONS:
1 - ANY ACCESSIBLE PUBLIC BATHROOMS.
2 - ANY ACCESSIBLE GUEST ROOMS.
3 - PANTRY HAND SINK.
4 - LAUNDRY HAND SINK.

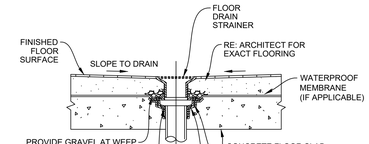
* TEMPERING VALVE SHALL NOT BE EXPOSED ON WALL. INSTALL CONCEALED & PROVIDE ACCESS PANEL.

6 NTS DETAIL - TEMPERING VALVE INSTALLATION SCHEMATIC

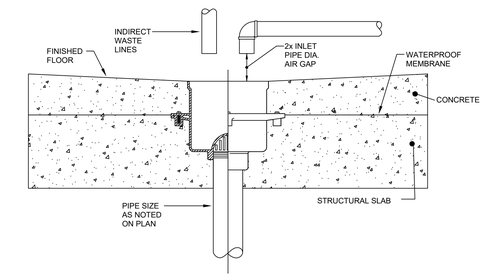


GENERAL NOTES:
1. PROVIDE OFFSET WASTE AT ALL ADA COMPLIANT LAVATORIES & SINKS.
2. LAVATORY SHOWN IN DETAIL, DETAIL TYPICAL OF BOTH LAVATORIES & SINKS.

7 NTS DETAIL - PLUMBING FIXTURE P-TRAP OFF-SET

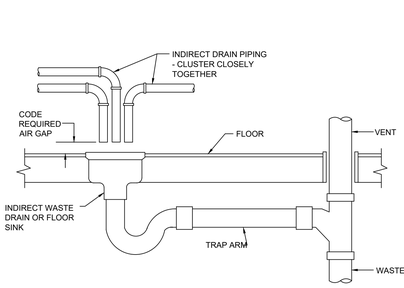


8 NTS DETAIL - FLOOR DRAIN INSTALLATION

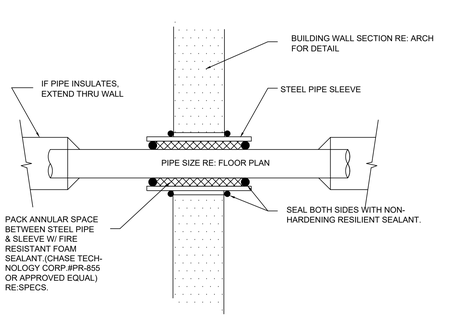


NOTE: INDIRECT WASTE PIPING EXCEEDING 5' IN LENGTH SHALL BE TRAPPED WITH THE EXCEPTION OF CLEAR WATER WASTES.

9 NTS DETAIL - FLOOR SINK

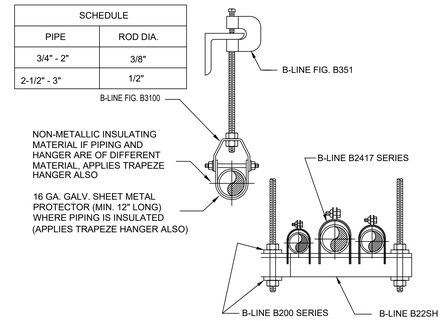


10 NTS DETAIL - INDIRECT WASTE



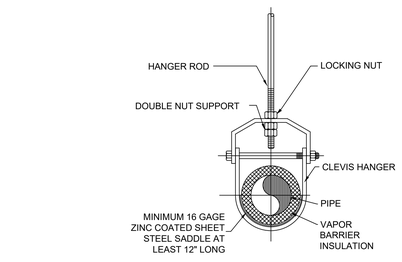
11 NTS DETAIL - PIPE PENETRATION THRU WALL, TYPICAL

SCHEDULE	
PIPE	ROD DIA.
3/4" - 2"	3/8"
2-1/2" - 3"	1/2"



NOTE: PIPING TO BE SUPPORTED ON 4'0" CENTERS AND AT ALL TURNS

12 NTS DETAIL - PIPE SUPPORTS



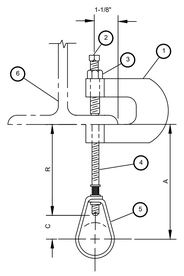
SINGLE HORIZONTAL RUNS WITH VAPOR BARRIER INSULATION

*DETAIL SIMILAR FOR ALL NON-INSULATED PIPING SYSTEMS.

13 NTS DETAIL - CLEVIS HANGER

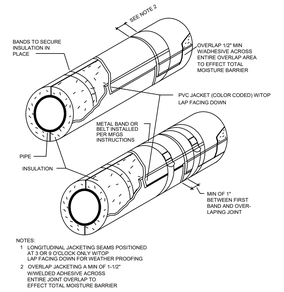
DESIGN DATA FOR C-CLAMP HANGER

Nominal Pipe Size	Minimum A Dimension inches	Hanger Takeout inches	Rod Diameter inches
1/2	3 1/2	-1 1/4	3/8
3/4	3 1/2	-1 1/4	3/8
1	3 1/2	-1 1/4	3/8
1 1/4	3 3/4	-1 1/2	3/8
1 1/2	4	-1 1/2	3/8
2	4 1/4	-1 3/4	3/8
2 1/2	5	-2 1/4	3/8
3	5 1/2	-2 1/2	3/8
4	6	-3	3/8
5	6 3/4	-3 3/4	1/2
6	7 3/4	-4 1/2	1/2
8	9 1/4	-6	1/2



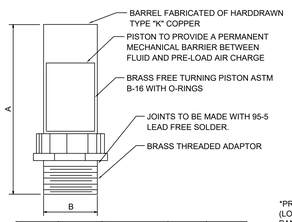
Components:
1. C-Clamp
2. Set Screw
3. Lock Nut
4. Hanger Rod
5. Adjustable Hanger Ring
6. Steel Beam or Bar Joist

14 NTS DETAIL - STANDARD C-CLAMP PIPE HANGER



NOTES:
1 LONGITUDINAL JACKETING SEAMS POSITIONED AT 3 OR 9 O'CLOCK ONLY W/TOP LAP FACING DOWN FOR WEATHER PROOFING
2 OVERLAP JACKETING A MIN OF 1-1/2" W/HELDED ADHESIVE ACROSS ENTIRE JOINT.OVERLAP TO EFFECT TOTAL MOISTURE BARRIER

15 NTS DETAIL - FIELD APPLIED PVC JACKET



SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 - 11	5"	1/2"
3/4"	B	12 - 32	5"	3/4"
1"	C	33 - 60	7"	1"
1-1/4"	D	61 - 113	7"	1-1/4"
1-1/2"	E	114 - 154	9"	1-1/2"
2"	F	155 - 330	9"	2"

*PROVIDE HINGED COVER (LOCKABLE) ACCESS PANEL FOR ALL WATER HAMMER ARRESTOR INSTALLED WITHIN INACCESSIBLE WALLS. COORDINATE LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.

16 NTS DETAIL - WATER HAMMER ARRESTOR

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

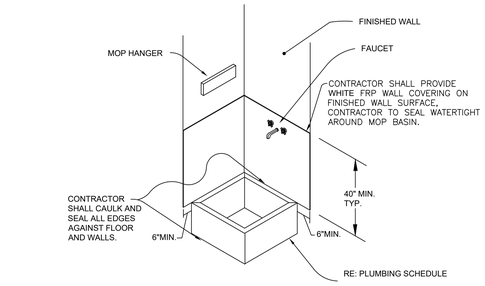
PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

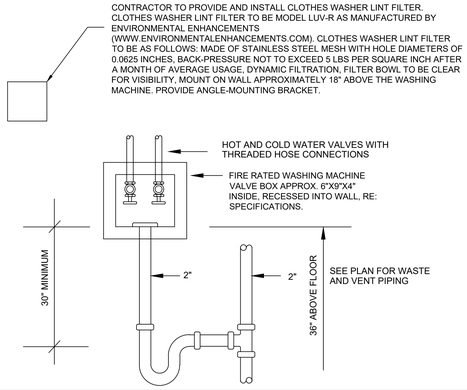
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING DETAILS

sheet number
P401



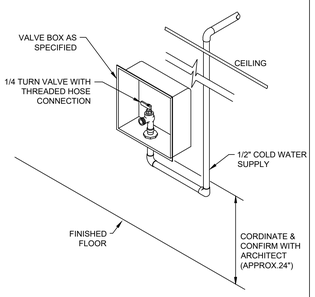
1 NTS DETAIL - MOP SINK



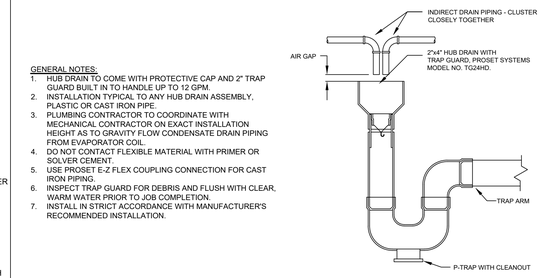
2 NTS DETAIL - WASHER OUTLET BOX

REFRIGERATOR, ICE MACHINE, & COFFEE MAKER VALVE BOX (WB-1)

A. REFRIGERATOR, ICE MACHINE & COFFEE MAKER VALVE BOX SHALL BE FULLY RECESSED FLUSH MOUNTED TYPE CONSTRUCTED OF 20 GAUGE STEEL (FACEPLATE TO BE 20 GAUGE) WITH POWDER COAT WHITE FINISH FINISH. METAL BOX TO HAVE FLAME SPREAD OF 94 (UL) AND 94BHB (ASTM). VALVE SHALL COMPLY WITH NSF 61 & ASME A112.18.1. VALVE TO BE LOW-LEAD TYPE. VALVE BOX TO HAVE NAIL SUPPORT BRACKETS WITH SCREW-ON FACEPLATE FRAME. VALVE TO BE 1/4 TURN. SUPPLY CONNECTION SHALL BE 1/2" COPPER SWEAT CONNECTION.
B. MANUFACTURER: GUY GRAY MODEL 88133, OATEY 39141
C. PROVIDE WITH 1/2" X 1/4" O.D. TUBE, CHROME PLATED FIXTURE SUPPLY STOP. LEAVE 60" COIL OF 1/4" O.D. TYPE "K" SOFT COPPER FOR EQUIPMENT CONNECTION (CARBONATED BEVERAGE MACHINE TO BE CONNECTED WITH PLASTIC TUBING IN LIEU OF COPPER).
D. PROVIDE WITH WATTS SD3 IN-LINE BACK FLOW PREVENTER (ASSE 1022 COMPLIANT) ON SUPPLY TUBING TO EQUIPMENT. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
E. THE FOLLOWING INSTALLATION HEIGHTS ARE RECOMMENDATION ONLY, COORDINATE WITH ARCHITECT ON ALL MOUNTING HEIGHTS PRIOR TO INSTALLATION:
E.A. FOR FREE STANDING REFRIGERATOR WITH ICE MAKER: INSTALL BOX AT 54" A.F.F.
E.B. FOR UNDER COUNTER REFRIGERATOR ICE MAKER:INSTALL BOX AT 18" A.F.F.
E.C. FOR COFFEE MACHINE:INSTALL BOX AT 24" A.F.F. BELOW COUNTER OR ABOVE COUNTER BACKSPLASH; COORDINATE WITH ARCHITECT FOR EXACT LOCATION.

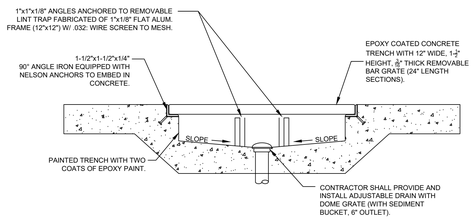


3 NTS DETAIL - VALVE BOX



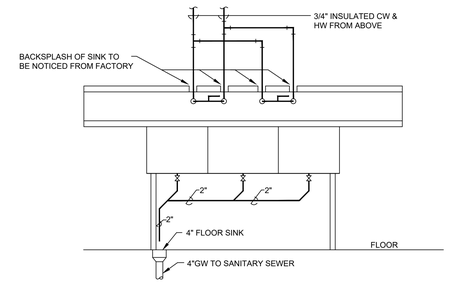
GENERAL NOTES:
1. HUB DRAIN TO COME WITH PROTECTIVE CAP AND 2" TRAP GUARD BUILT IN TO HANDLE UP TO 12 GPM.
2. INSTALLATION TYPICAL TO ANY HUB DRAIN ASSEMBLY, PLASTIC OR CAST IRON PIPE.
3. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR ON EXACT INSTALLATION HEIGHT AS TO GRAVITY FLOW CONDENSATE DRAIN PIPING FROM EVAPORATOR COIL.
4. DO NOT CONTACT FLEXIBLE MATERIAL WITH PRIMER OR SOLVER CEMENT.
5. USE PROSET E-Z FLEX COUPLING CONNECTION FOR CAST IRON PIPING.
6. INSPECT TRAP GUARD FOR DEBRIS AND FLUSH WITH CLEAR, WARM WATER PRIOR TO JOB COMPLETION.
7. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION.

4 NTS DETAIL - HUB DRAIN INSTALLATION FOR CONDENSATE REMOVAL



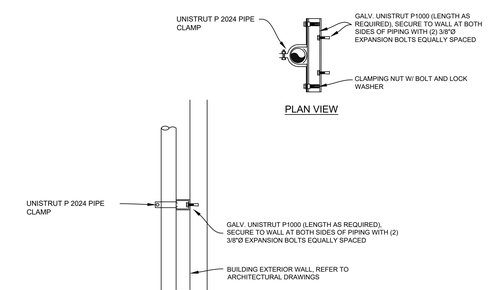
NOTE:
TRENCH DRAIN VOLUME TO BE OF SUFFICIENT SIZE AS PER WASHING MACHINE MANUFACTURER. COORDINATE WITH WASHING MACHINE MANUFACTURER FOR EXACT REQUIRED TRENCH DRAIN DIMENSIONS.

5 NTS DETAIL - LAUNDRY WASHING MACHINE TRENCH DRAIN



GENERAL NOTES:
1. DOUBLE COMPARTMENT SINK SIMILIAR.
2. PROVIDE BALL VALVE ON OUTLET PIPING OF EACH COMPARTMENT IF INTEGRAL COMPARTMENT SHUTOFF IS NOT SUPPLIED BY TRIPLE COMPARTMENT SINK MANUFACTURER.
3. ALL EXPOSED DRAINAGE PIPING SHALL BE COPPER.

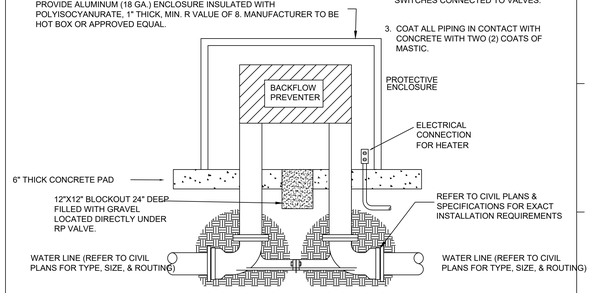
6 NTS DETAIL - TRIPLE COMPARTMENT SINK



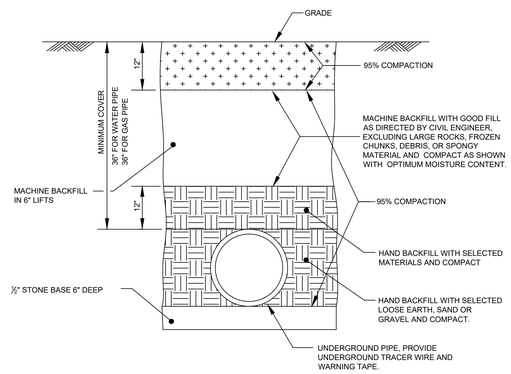
7 NTS DETAIL - EXTERIOR WALL VERTICAL PIPE SUPPORTS

*PROVIDE ACCESS PANELS ON BOTH SIDES OF ENCLOSURE.
*PROVIDE 1.5 KW HEATER WITHIN ENCLOSURE (BY ENCLOSURE MANUFACTURER) @ 120-1-60 ELECTRICAL SERVICE.

NOTE:
1. REFER TO CIVIL DRAWINGS FOR EXACT TYPE AND SIZE OF BACKFLOW PREVENTER.
2. CONTRACTOR TO PROVIDE TWO (2) 1" ELECTRICAL CONDUITS AND WIRING FROM SPRINKLER RISER TO SUPERVISORY SWITCHES CONNECTED TO VALVES.
3. COAT ALL PIPING IN CONTACT WITH CONCRETE WITH TWO (2) COATS OF MASTIC.

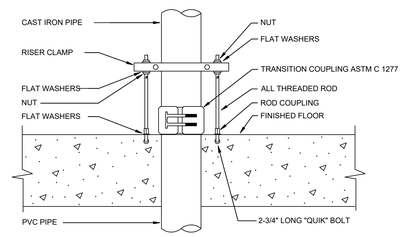


8 NTS DETAIL - BACKFLOW PREVENTER ENCLOSURE



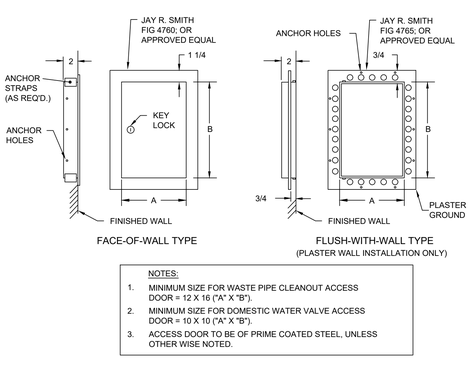
9 NTS DETAIL - DOMESTIC/FIRE WATER & NATURAL GAS PIPE TRENCH

NOTE:
1. MAKE CONNECTION FROM PVC BELOW SLAB TO CAST IRON ABOVE SLAB WITH TRANSITION COUPLING MEETING ASTM C-1277.
2. THERE IS TO BE NO EXPOSED PVC ABOVE SLAB.



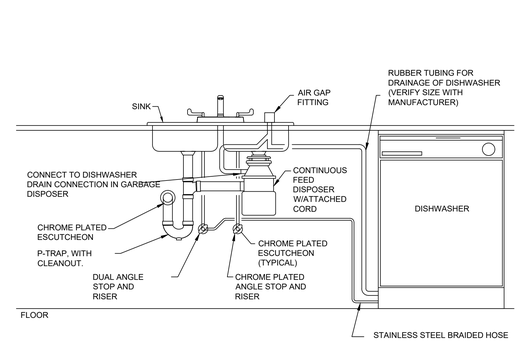
*APPLICABLE TO ALL SANITARY SEWER/VENT PLUMBING PIPING UP FROM GRADE AT FIRST FLOOR SLAB.

10 NTS DETAIL - PVC TO CAST IRON CONNECTION

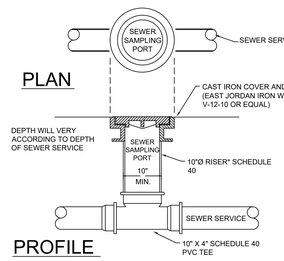


NOTES:
1. MINIMUM SIZE FOR WASTE PIPE CLEANOUT ACCESS DOOR = 12 X 16 ("A" X "B").
2. MINIMUM SIZE FOR DOMESTIC WATER VALVE ACCESS DOOR = 10 X 10 ("A" X "B").
3. ACCESS DOOR TO BE OF PRIME COATED STEEL, UNLESS OTHER WISE NOTED.

11 NTS DETAIL - ACCESS DOOR, TYPICAL

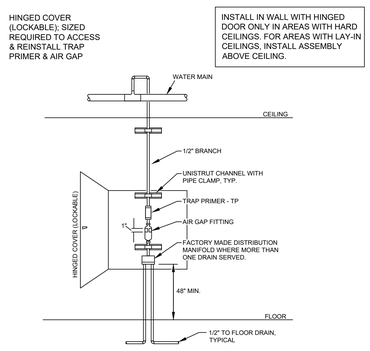


12 NTS DETAIL - DISHWASHER CONNECTION WITH GARBAGE DISPOSAL AND AIR GAP FITTING



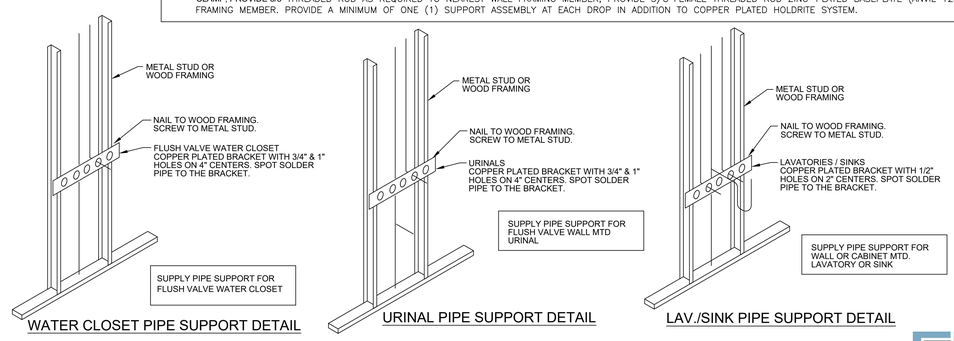
*PROVIDE EPA TEST STATION IN SANITARY SEWER PIPE PRIOR TO PIPING BEING ROUTED TO MUNICIPAL SEWER.

13 NTS DETAIL - EPA TEST TEE



14 NTS DETAIL - AUTOMATIC TRAP PRIMER

GENERAL NOTES:
1. COPPER PLATED BRACKET SUPPORTS TO BE BY HOLDRITE OR PRIOR APPROVED EQUAL.
2. CONTRACTOR TO PROVIDE PIPE SUPPORTS FOR ALL DOMESTIC COLD/HOT WATER PIPING DROPS WITHIN WALLS TO FIXTURES/EQUIPMENT. PIPE CLAMP TO BE ANVIL CT-138R COPPER PLATED SPLIT TUBING CLAMP, PROVIDE 3/8" THREADED ROD AS REQUIRED TO NEAREST WALL FRAMING MEMBER, PROVIDE 3/8" FEMALE THREADED ROD ZINC-PLATED BASEPLATE (ANVIL 128R) FASTENED TO WALL FRAMING MEMBER. PROVIDE A MINIMUM OF ONE (1) SUPPORT ASSEMBLY AT EACH DROP IN ADDITION TO COPPER PLATED HOLDRITE SYSTEM.



15 NTS DETAIL - WATER PIPE SUPPORT/ANCHOR BEHIND FIXTURES INSIDE WALL

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

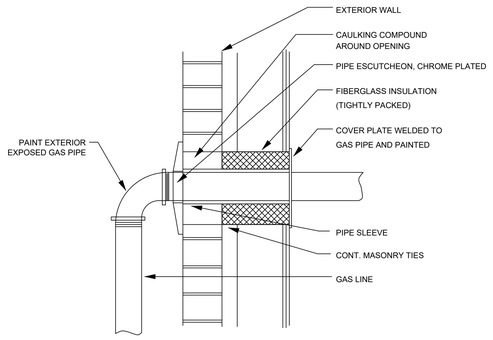
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

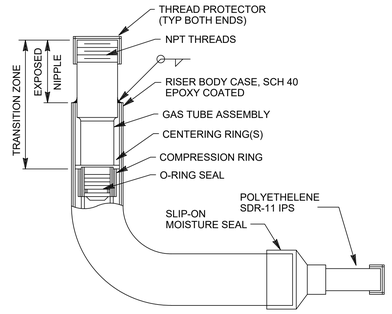
PLUMBING DETAILS

sheet number
P402

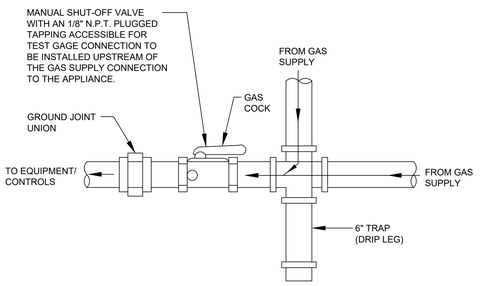
EYRE ENGINEERING
PRINTED 4-17-26



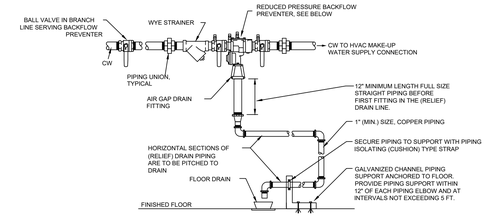
1 NTS DETAIL - GAS PIPE ENTRY INTO BUILDING



2 NTS DETAIL - ANODELESS GAS RISER

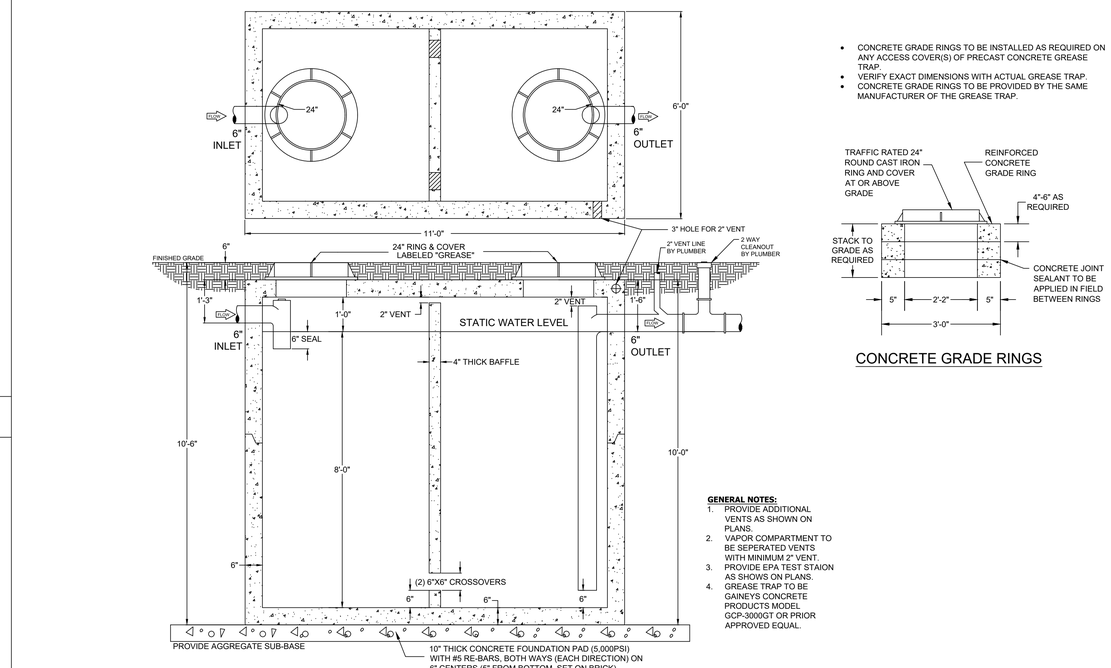


3 NTS DETAIL - GAS CONNECTION TO EQUIPMENT



GENERAL NOTES:
1. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (MAKEUP WATER FOR CHILLED WATER SYSTEM, HEATING HOT WATER SYSTEM, ETC.): THE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SHALL BE CERTIFIED TO NSF/ANSI 372, SHALL BE ASSE® 1013 LISTED, RATED TO 180° F AND SUPPLIED WITH FULL PORT UNION BALL VALVES. THE MAIN BODY AND ACCESS COVERS SHALL BE LOW LEAD BRONZE (ASTM B584), THE SEAT RING AND ALL INTERNAL POLYMERS SHALL BE NSF® LISTED NORYL™ AND THE SEAT DISC ELASTOMERS SHALL BE SILICONE. THE FIRST CHECK SHALL BE ACCESSIBLE FOR MAINTENANCE WITHOUT REMOVING THE RELIEF VALVE. IF INSTALLED INDOORS, THE INSTALLATION SHALL BE SUPPLIED WITH INTEGRAL MONITOR SWITCH AND AIR GAP PIPED TO A PROPERLY SIZED DRAIN. THE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SHALL BE A ZURN WILKINS MODEL 975XL2U.
2. CONTRACTOR TO TEST ALL BACKFLOW PREVENTERS IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (CURRENT EDITION) & IN ACCORDANCE WITH ONE OF THE FOLLOWING STANDARDS: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA B64.10.1, USC'S FCCC & HR'S "MANUAL OF CROSS- CONNECTION CONTROL", OR UFL'S TREEO'S "BACKFLOW PREVENTION - THEORY AND PRACTICE". PROVIDE INITIAL CERTIFICATION (AT PROJECT COMPLETION). INCLUDE CERTIFICATION WITHIN CLOSEOUT DOCUMENTS (O&M MANUALS).

4 NTS DETAIL - MAKE-UP WATER BACKFLOW PREVENTER



- CONCRETE GRADE RINGS TO BE INSTALLED AS REQUIRED ON ANY ACCESS COVER(S) OF PRECAST CONCRETE GREASE TRAP.
- VERIFY EXACT DIMENSIONS WITH ACTUAL GREASE TRAP.
- CONCRETE GRADE RINGS TO BE PROVIDED BY THE SAME MANUFACTURER OF THE GREASE TRAP.

CONCRETE GRADE RINGS

GENERAL NOTES:
1. PROVIDE ADDITIONAL VENTS AS SHOWN ON PLANS.
2. VAPOR COMPARTMENT TO BE SEPERATED VENTS WITH MINIMUM 2" VENT.
3. PROVIDE EPA TEST STAION AS SHOWS ON PLANS.
4. GREASE TRAP TO BE GAINEYS CONCRETE PRODUCTS MODEL GCP-3000GT OR PRIOR APPROVED EQUAL.

SPECIFICATIONS:

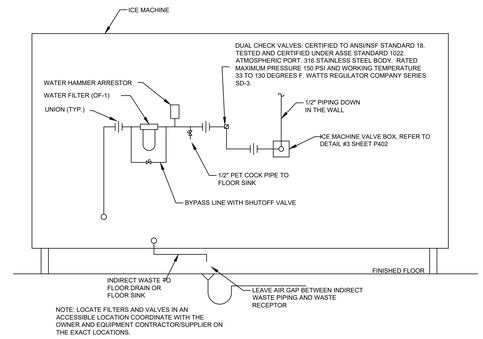
CONCRETE:	CLASS 1 CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL. BAFFLE IS SLIDE IN TYPE.
REINFORCEMENT:	GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A-615 ON REQUIRED CENTERS.
C.I. CASTINGS:	CAST IRON RING & COVER SHALL BE NOMINAL 24" AND TRAFFC DUTY (AASHTO H-20 RATING)
LININGS:	PROVIDE COLD TAR EPOXY COATING (CARBOLINE BITUMASTIC 300M)

ENGINEERING DATA:

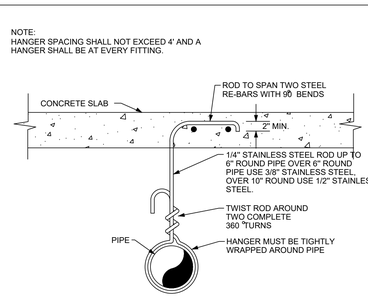
GREASE TRAP IS STRUCTURALLY AND HYDRAULICALLY ENGINEERED CONFORMING TO PLUMBING CODE. NOMINAL LIQUID CAPACITY AS INDICATED ON PLAN.

FIELD EXCAVATION AND PREPARATION SHALL BE COMPLETED PRIOR TO DELIVERY OF GREASE TRAP. USE DIMENSIONAL DATA AS SHOWN.

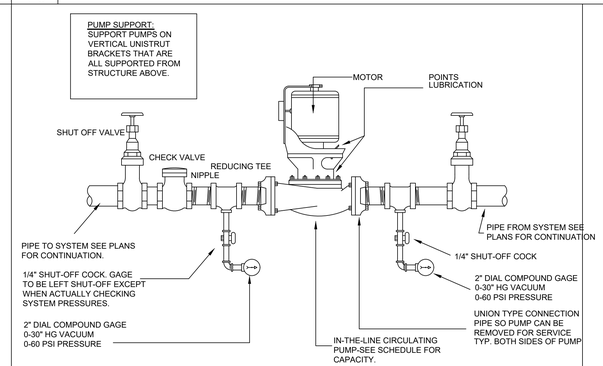
5 NTS DETAIL - 3,000 GALLON CONCRETE GREASE TRAP



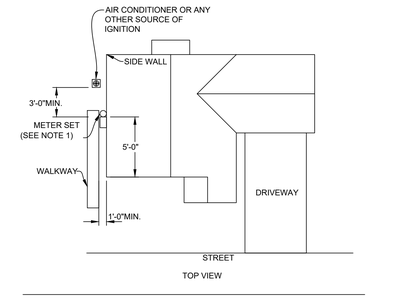
6 NTS DETAIL - ICE MACHINE PIPING SCHEMATIC



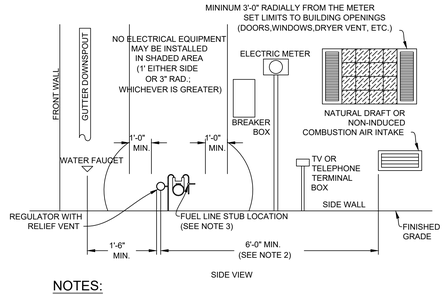
7 NTS DETAIL - STAINLESS STEEL PIPE HANGERS



8 NTS DETAIL - CIRCULATING PUMP



TOP VIEW

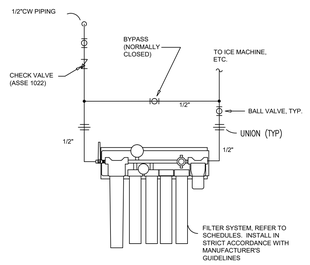


SIDE VIEW

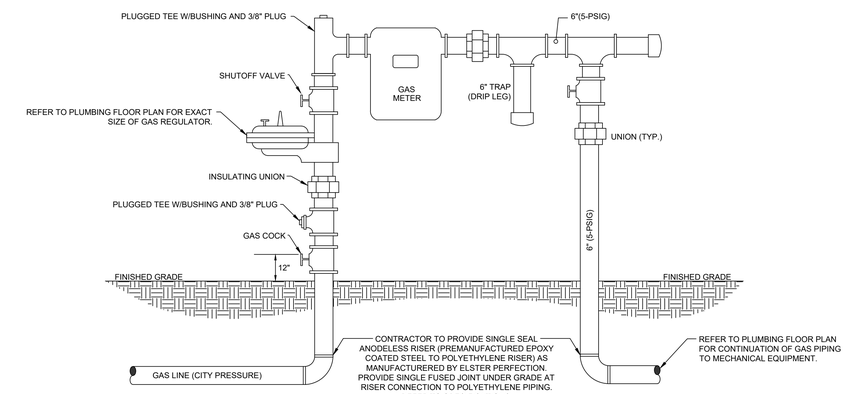
NOTES:

1. METER SET SHOULD BE INSTALLED ON SIDE OF BUILDING OPPOSITE THE DRIVEWAY.
2. THE MINIMUM CLEARANCE FOR A MECHANICALLY INDUCED COMBUSTION AIR INTAKE IS 20'.
3. THE FUEL LINE SHOULD TERMINATE 2'-0" ABOVE FINISHED GRADE (MUD LINE) AND PROJECT 2 INCHES FROM THE FINISHED WALL.
4. IF ANY OF THE ABOVE MENTIONED CLEARANCES CANNOT BE MET THE DETAILS SHOULD BE COORDINATED WITH A REPRESENTATIVE OF THE COMPANY.

11 NTS DETAIL - GAS SERVICE INSTALLATION REQUIREMENTS



9 NTS DETAIL - WATER FILTER INSTALLATION SCHEMATIC



10 NTS DETAIL - GAS METER (TYP.)

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

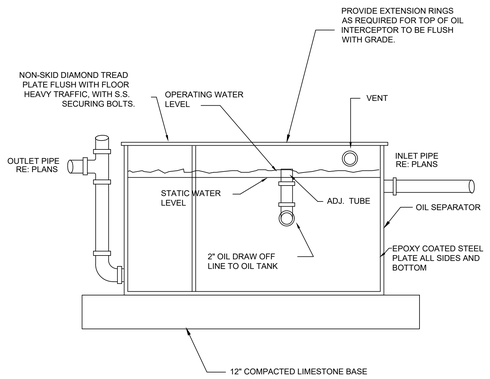
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

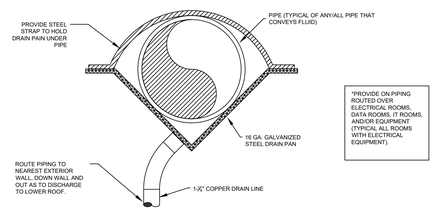
PLUMBING DETAILS

sheet number
P403

EYRE ENGINEERING
PRINTED 4/1/2026



1 NTS DETAIL - OIL INTERCEPTOR



2 NTS DETAIL - ABOVE CEILING PIPING DRAIN PAN

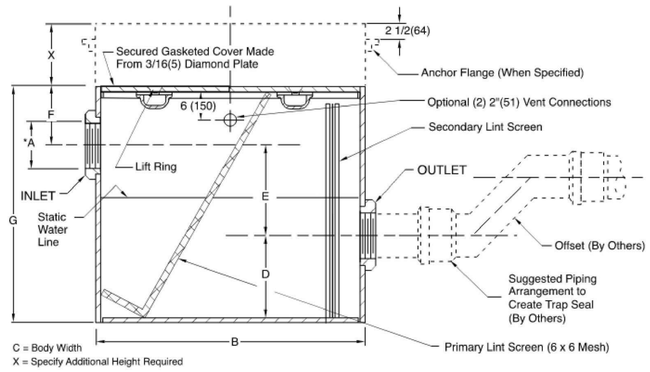


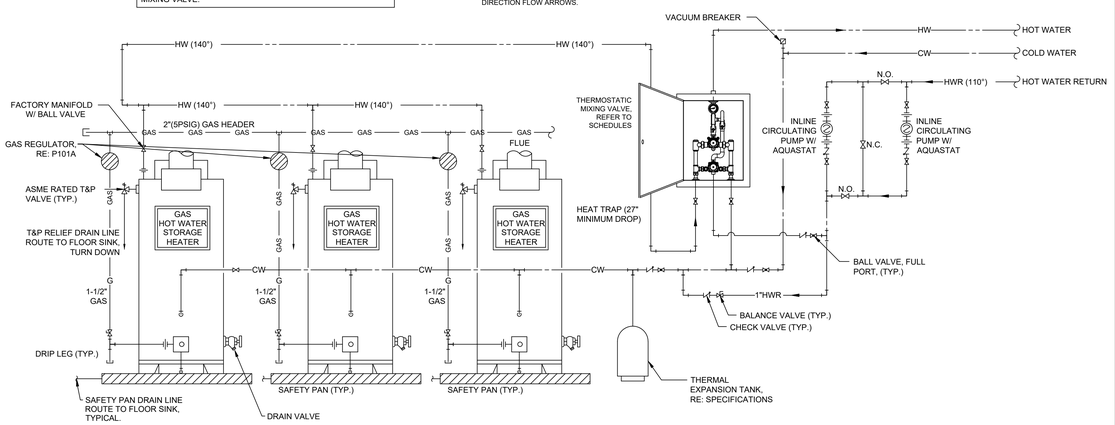
Fig. No.	GPM Flow Rate	Maximum Number Of Washers	* Inlet & Outlet Size	Dimensions						Securing Screws In Cover
				Body		Roughing Dimensions				
				Length	Width					
			A	B	C	D	E	F	G	
8910-150	150	15	06 (150)	51 (1295)	32 (815)	24 (610)	12 (305)	8 (205)	44 (1078)	10

3 NTS DETAIL - LINT INTERCEPTOR

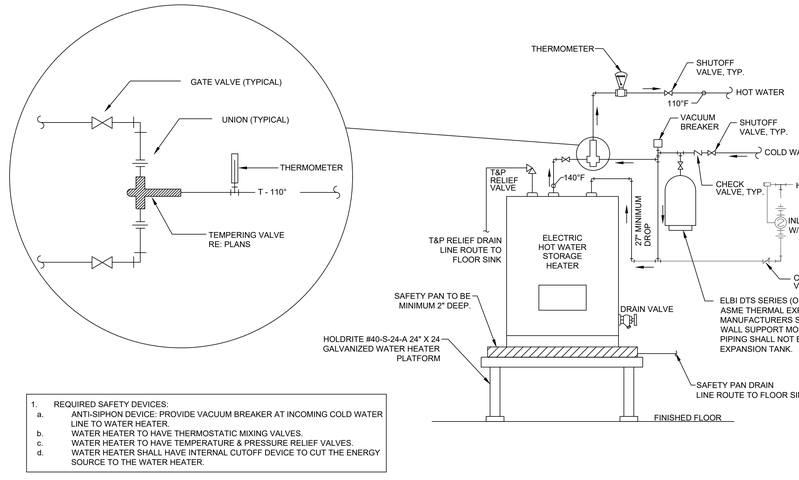
*WATER HEATER & TMV PIPING SCHEMATIC BASED ON SPECIFIED THERMOSTATIC MIXING VALVE. CONTRACTOR TO REFER TO THERMOSTATIC MIXING VALVE MANUFACTURERS (ACTUAL TMV SUPPLIED TO PROJECT) SPECIFICATIONS & RECOMMENDATIONS FOR INSTALLATION OF THERMOSTATIC MIXING VALVE.

NOTES:
1. SWING TYPE CHECK VALVES SHALL BE MOUNTED IN HORIZONTAL POSITION, VERTICAL POSITION NOT ACCEPTABLE.
2. CHECK VALVES IN VERTICAL POSITION SHALL BE SPRING LOADED TYPE.
3. ALL SHUTOFF VALVES TO BE BALL VALVE TYPE. ALL BALL VALVES SHALL BE FULL PORT.
4. WATER HEATERS SHALL BE PIPED IN "REVERSE RETURN" FASHION, NO EXCEPTION.
5. ALL PIPING TO BE INSULATED & SHALL RECEIVE COLOR CODED PVC JACKETS WITH LABELS & DIRECTION FLOW ARROWS.

N.O. = NORMALLY OPEN
N.C. = NORMALLY CLOSED



4 NTS DETAIL - GAS FIRED STORAGE WATER HEATER (WH-1A,1B,1C)



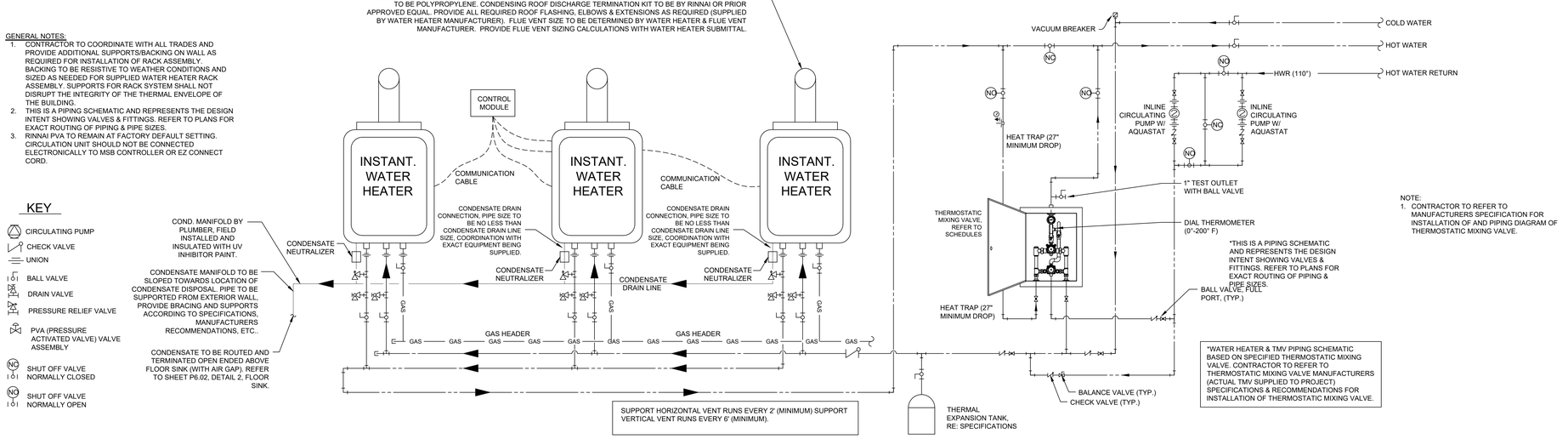
1. REQUIRED SAFETY DEVICES:
   a. ANTI-SIPHON DEVICE: PROVIDE VACUUM BREAKER AT INCOMING COLD WATER LINE TO WATER HEATER.
   b. WATER HEATER TO HAVE THERMOSTATIC MIXING VALVES.
   c. WATER HEATER TO HAVE TEMPERATURE & PRESSURE RELIEF VALVES.
   d. WATER HEATER SHALL HAVE INTERNAL CUTOFF DEVICE TO CUT THE ENERGY SOURCE TO THE WATER HEATER.

5 NTS DETAIL - ELECTRIC WATER HEATER (WH-9,10)

GENERAL NOTES:
1. CONTRACTOR TO COORDINATE WITH ALL TRADES AND PROVIDE ADDITIONAL SUPPORTS/BACKING ON WALL AS REQUIRED FOR INSTALLATION OF RACK ASSEMBLY. BACKING TO BE RESISTIVE TO WEATHER CONDITIONS AND SIZED AS NEEDED FOR SUPPLIED WATER HEATER RACK ASSEMBLY. SUPPORTS FOR RACK SYSTEM SHALL NOT DISRUPT THE INTEGRITY OF THE THERMAL ENVELOPE OF THE BUILDING.
2. THIS IS A PIPING SCHEMATIC AND REPRESENTS THE DESIGN INTENT SHOWING VALVES & FITTINGS. REFER TO PLANS FOR EXACT ROUTING OF PIPING & PIPE SIZES.
3. RINNAI PVA TO REMAIN AT FACTORY DEFAULT SETTING. CIRCULATION UNIT SHOULD NOT BE CONNECTED ELECTRONICALLY TO MSB CONTROLLER OR EZ CONNECT CORD.

PROVIDE COMMON FLUE VENT & AIR INTAKE AT WATER HEATERS, ROUTE AS SHOWN ON MECHANICAL DRAWINGS UP THRU ROOF. VENT MATERIAL AND/OR KIT TO BE SUPPLIED BY WATER HEATER MANUFACTURER TO ENSURE COMPATIBILITY WITH WATER HEATER & FOR WARRANTY COMPLIANCE. INNER EXHAUST MATERIAL TO BE POLYPROPYLENE. CONDENSING ROOF DISCHARGE TERMINATION KIT TO BE BY RINNAI OR PRIOR APPROVED EQUAL. PROVIDE ALL REQUIRED ROOF FLASHING, ELBOWS & EXTENSIONS AS REQUIRED (SUPPLIED BY WATER HEATER MANUFACTURER). FLUE VENT SIZE TO BE DETERMINED BY WATER HEATER & FLUE VENT MANUFACTURER. PROVIDE FLUE VENT SIZING CALCULATIONS WITH WATER HEATER SUBMITTAL.

KEY
- CIRCULATING PUMP
- CHECK VALVE
- UNION
- BALL VALVE
- DRAIN VALVE
- PRESSURE RELIEF VALVE
- PVA (PRESSURE ACTIVATED VALVE) VALVE ASSEMBLY
- (NC) SHUT OFF VALVE NORMALLY CLOSED
- (NO) SHUT OFF VALVE NORMALLY OPEN



NOTE:
1. CONTRACTOR TO REFER TO MANUFACTURERS SPECIFICATION FOR INSTALLATION OF AND PIPING DIAGRAM OF THERMOSTATIC MIXING VALVE.

*WATER HEATER & TMV PIPING SCHEMATIC BASED ON SPECIFIED THERMOSTATIC MIXING VALVE. CONTRACTOR TO REFER TO THERMOSTATIC MIXING VALVE MANUFACTURERS (ACTUAL TMV SUPPLIED TO PROJECT) SPECIFICATIONS & RECOMMENDATIONS FOR INSTALLATION OF THERMOSTATIC MIXING VALVE.

6 NTS DETAIL - GAS FIRED INSTANTANEOUS WATER HEATER (WH-2A,2B,2C THRU WH-8A,8B,8C)

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

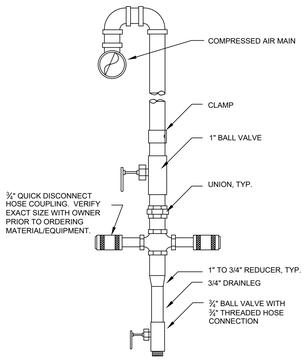
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

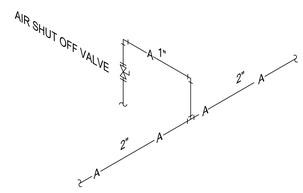
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING DETAILS

sheet number
P404

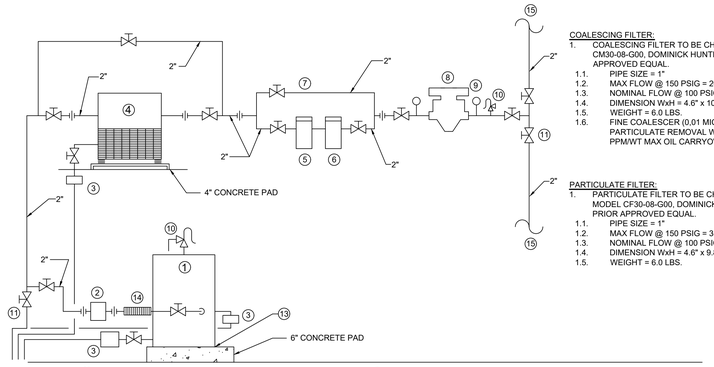


1 NTS DETAIL - COMPRESSED AIR DROP TO OUTLET



2 NTS DETAIL - AIR LINE DROP WITH SHUT OFF VALVE

3 NTS DETAIL - NOT USED



COALESCING FILTER:
1. COALESCING FILTER TO BE CHAMPION MODEL CM30-08-G00, DOMINICK HUNTER, OR PRIOR APPROVED EQUAL.
   - 1.1. PIPE SIZE = 1"
   - 1.2. MAX FLOW @ 150 PSIG = 203 SCFM
   - 1.3. NOMINAL FLOW @ 100 PSIG = 100 SCFM
   - 1.4. DIMENSION WxH = 4.6" x 10.5"
   - 1.5. WEIGHT = 6.0 LBS.
   - 1.6. FINE COALESCER (0.01 MICRON PARTICULATE REMOVAL WITH 0.01 PPM/WT MAX OIL CARRYOVER.

PARTICULATE FILTER:
1. PARTICULATE FILTER TO BE CHAMPION MODEL CF30-08-G00, DOMINICK HUNTER, OR PRIOR APPROVED EQUAL.
   - 1.1. PIPE SIZE = 1"
   - 1.2. MAX FLOW @ 150 PSIG = 316 SCFM
   - 1.3. NOMINAL FLOW @ 100 PSIG = 160 SCFM
   - 1.4. DIMENSION WxH = 4.6" x 9.8"
   - 1.5. WEIGHT = 6.0 LBS.

1. AIR COMPRESSOR. INSTALL WITH WAFFLE TYPE ISOLATION PADS. MANIFOLD DISCHARGE FROM BOTH COMPRESSORS AT RECEIVER.
2. SEPARATOR
3. AUTOMATIC DRAIN. RUN DRIP PIPING TO GROUND. PLUG INTO 120V DUPLEX ELECTRICAL OUTLET PROVIDED BY ELECTRICAL NEAR UNIT.
4. REFRIGERATED AIR DRYER. MOUNT WITH WAFFLE PAD TYPE VIBRATION ISOLATORS.
5. PARTICULATE FILTER
6. COALESCING FILTER
7. FULL SIZE FILTER BY-PASS WITH BALL VALVE
8. PRESSURE REGULATING VALVE
9. PRESSURE GAUGE (TYPICAL)
10. RELIEF VALVE
11. BALL VALVE (TYPICAL)
12. 3/8" BLOW OFF
13. PROVIDE WAFFLE TYPE VIBRATION ISOLATION PADS.
14. FLEXIBLE CONNECTOR AT PIPING CONNECTION TO AIR COMPRESSOR RECEIVER
15. AIR SUPPLY PIPING TO BUILDING.

4 NTS DETAIL - AIR COMPRESSOR & REFRIGERATED AIR DRYER PIPING SCHEMATIC

5 NTS DETAIL - NOT USED

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

PLUMBING DETAILS

sheet number
P405

EYRE ENGINEERING
PROJECT # 2-17-044

GENERAL SPRINKLER NOTES:

A. SPRINKLER CONTRACTOR SHALL HYDRAULICALLY CALCULATE AND DESIGN THE REQUIRED FIRE SUPPRESSION SYSTEMS, WET/DRY PIPE SPRINKLER SYSTEMS. THE SPRINKLER SYSTEMS TO CONFORM TO INSURANCE COMPANY REQUIREMENTS, STATE FIRE MARSHAL NFPA 13, NFPA (CURRENT ENFORCED CODE), AND ALL OTHER APPLICABLE CODES. THE SYSTEM SHALL BE ARRANGED AS NOT TO INTERFERE WITH LIGHTS AND CEILING PLATES AND SHALL NOT BE IN CONTACT WITH ANY PART OF THE CEILING SUPPORTS. ALL PIPING SIZING AND SPACING SHALL BE IN STRICT ACCORDANCE WITH CURRENT NFPA REQUIREMENTS.

B. ALL SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF CEILING TILES WHERE APPLICABLE. ANY RELOCATION OF HEADS SHALL BE AT CONTRACTORS EXPENSE IN ORDER TO CENTER HEADS IN TILE.

C. THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE WITH HVAC, PLUMBING, ELECTRICAL, STRUCTURAL MEMBERS, ETC. AS REQUIRED FOR A PROPER INSTALLATION.

D. PROVIDE INSPECTOR'S TEST TEE AT ALL POINTS REQUIRED IN SYSTEM. PROVIDE PERMANENTLY MOUNTED PLASTIC LABEL (RED) WORDED "TEST VALVE" AT ALL LOCATIONS.

E. FIRE PROTECTION CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS OF FIRE AND SMOKE PARTITIONS, FLOORS, ETC. BY ALL SPRINKLER PIPING, CONTROL WIRING ETC. WITH FIRE RESISTANT MATERIAL. PROVIDE CHROME PLATED ESCUTCHEON PLATE AT ALL FLOOR/CEILING PENETRATIONS.

F. PROVIDE THRUST BLOCKS AT ALL UNDERGROUND TURNS OF SPRINKLER PIPING, REFER TO DETAIL #1, SHEET SP201.

G. CONTRACTOR TO REFER TO ARCHITECT DRAWINGS FOR DIFFERENT CEILING HEIGHT, COORDINATE AND PROVIDE ALL OFFSETS.

H. ALL CEILING MOUNTED SPRINKLER HEADS ARE TO BE FULLY RECESSED (WITH COVER PLATE, CUSTOM COLOR FINISH) UNLESS OTHERWISE NOTED. PROVIDE CUT SHEET TO ARCHITECT PRIOR TO CONSTRUCTION FOR AESTHETIC APPROVAL, NO EXCEPTION. ALL HEADS IN EXPOSED AREAS TO BE UPRIGHT.

I. CONTRACTOR TO PAINT ALL EXPOSED SPRINKLER PIPING, SUPPORTS, ETC., COLOR TO BE SELECTED BY ARCHITECT.

J. REFER TO ARCHITECTURAL DRAWINGS FOR ALL EXPOSED AREAS THAT OCCUR OVER ROOMS THAT REQUIRE SPRINKLERS.

K. **PRELIMINARY APPROVAL:** CONTRACTOR TO SUBMIT PROPOSED LAYOUT OF SPRINKLER HEADS, PIPING, AND SPRINKLER HEAD CUT SHEETS PRIOR TO FINALIZING THE FORMAL STATE FIRE MARSHAL SUBMITTAL (HYDRAULIC CALCULATIONS, PLANS, ETC.) FOR APPROVAL FROM ARCHITECT/ENGINEER. IF PRELIMINARY SUBMITTAL IS NOT MADE, NO ADDITIONAL COST WILL BE PROVIDED TO CONTRACTOR FOR REVISING SPRINKLER PLANS (PIPE ROUTING & SPRINKLER HEAD LOCATIONS) AND REVISING HYDRAULIC CALCULATIONS.

L. CONTRACTOR TO PLACE SPRINKLER HEADS IN ALL FURRINGS WHERE THE UNDERSIDE WILL NOT BE COVERED BY OTHER SPRINKLER HEADS TO INSURE ADEQUATE COVERAGE OF ALL FURRINGS. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR FURRING LOCATIONS.

M. CONTRACTOR TO REFER TO DUCTWORK, HYDRONIC PIPING, PLUMBING DRAWINGS FOR ALL EQUIPMENT LOCATIONS. OFFSET PIPING UP INTO STRUCTURE AS REQUIRED AS NOT TO CONFLICT WITH PIPING, DUCTWORK, ETC.

N. **SURFACE LIGHTING COORDINATION:** SPRINKLER CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR ON EXACT SURFACE MOUNTED LIGHTING TO BE SUPPLIED TO THE PROJECT. SPRINKLER CONTRACTOR TO PLACE SPRINKLER HEADS AWAY FROM SURFACE MOUNTED FIXTURES AS REQUIRED IN ORDER TO PROVIDE PROPER FLOW. CONTRACTOR TO FIGURE IN BID ADDITIONAL SPRINKLER HEADS AND FULL DROPS AS REQUIRED TO ACHIEVE PROPER SPRINKLER COVERAGE. REFER TO ELECTRICAL PLANS AND ARCHITECTURAL REFLECTED CEILING PLAN.

O. COORDINATE WITH LOCAL JURISDICTION FOR THREADS ON FIRE DEPARTMENT CONNECTION & FIRE HYDRANTS.

P. CONTRACTOR TO PROVIDE ADDITIONAL DRAINS AS REQUIRED IN ORDER TO PROPERLY DRAIN SPRINKLER PIPING SYSTEMS. FIGURE IN BID A MINIMUM TEN (10) DRAIN LOCATIONS SHOULD THE PIPING HAVE TO BE OFFSET IN THE FIELD.

Q. DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH SCREWED GALVANIZED MALLEABLE IRON FITTINGS.

R. DO NOT ROUTE SPRINKLER PIPING ABOVE DATA ROOMS, ELECTRICAL ROOMS, AV ROOMS, ELEVATOR EQUIPMENT ROOMS, OR ANY OTHER ROOM CONTAINING ELECTRICAL DEVICES.

S. PROVIDE SPRINKLERS ABOVE AND BELOW ALL FLOATING CLOUD CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF FLOATING CEILINGS.

T. THE PROPOSED SPRINKLER PIPE ROUTING SHOWN ON THE FLOOR PLANS IS NOT INTENDED TO BE A COMPLETE SPRINKLER PIPING SYSTEM. THE PROPOSED SPRINKLER PIPE ROUTING SHOWN ON THE FLOOR PLANS IS TO SUGGEST A POSSIBLE ROUTE AS TO AVOID CONFLICT IN THE FIELD WITH DUCTWORK, VAV BOXES, STRUCTURAL MEMBERS, ETC. EXACT ROUTING OF SPRINKLER PIPING TO BE COORDINATED BY THE SPRINKLER CONTRACTOR WITH ALL OTHER TRADES AS AVOID CONFLICTS.

U. AIR COMPRESSOR FOR DRY PIPE SYSTEM SHALL BE A OILLESS, UL LISTED RISER MOUNT AIR COMPRESSOR (WITH PRESSURE SWITCH, MOUNTING KIT, SS FLEX HOSE, AIR FILTER. DIRECT DRIVE, FULLY AUTOMATIC, MOTOR STARTER AND BUBBLE TIGHT AIR CHECK VALVE), GENERAL AIR PRODUCTS, OL SERIES, 1-1/2 HP, 208/1/60. AIR COMPRESSOR WITH STARTER. HARDWIRED ELECTRICAL CONNECTION WITH DISCONNECT(REFER TO ELECTRICAL DRAWINGS AND COORDINATE)

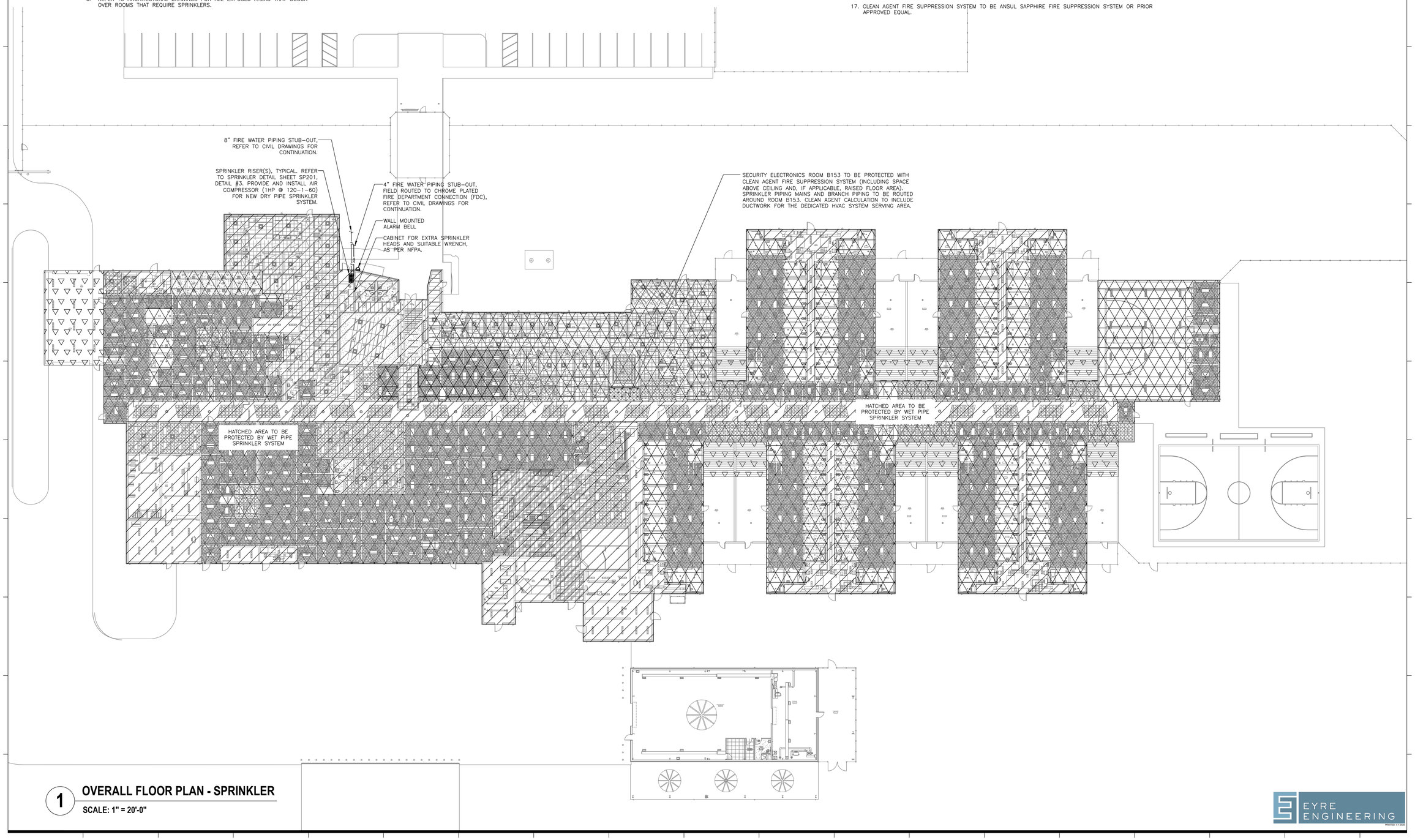
V. IF HYDRAULIC CALCULATIONS INDICATE SYSTEM VOLUME GREATER THAN 500 GALLONS (OR 750 IF EQUIPPED WITH A QUICK OPENING DEVICE), CONTRACTOR IS TO REDESIGN SYSTEM TO ADD ADDITIONAL DRY ZONE VALVES. VOLUME OF ANY DRY VALVE SYSTEM SHALL NOT EXCEED 500 GALLONS (OR 750 GALLONS WITH A QUICK OPENING DEVICE). IF SYSTEM IS EQUIPPED WITH A QUICK OPENING DEVICE, DRY PIPE SYSTEM SHALL FILL WITHIN 60 SECONDS OF ACTIVATION OF ALARM. CONTRACTOR TO PROVIDE ADDITIONAL DRY PIPE ZONES BASED ON HYDRAULIC CALCULATIONS (AT MINIMUM, THE CONTRACTOR SHALL FIGURE IN BID ONE (1) ADDITIONAL DRY PIPE SPRINKLER ZONE, AIR COMPRESSOR, VALVE, ETC.).

CLEAN AGENT INSTALLATION NOTES:

1. SYSTEM INSTALLATION TO BE IN ACCORDANCE WITH NFPA 2001.
2. REDUCTIONS IN PIPE TO BE MADE USING BELL REDUCERS, OR REDUCING TEE'S. HEX BUSHINGS MAY BE USED TO INCREASE PIPE SIZE ONLY.
3. ALL PIPE TO BE ASTM A-53/GRADE A OR B SCHEDULE 40 BLACK. ALL FITTINGS TO BE 300 LB. CLASS MALLEABLE BLACK IRON.
4. PIPE LENGTHS ARE ±10%. INSTALLER TO FIELD VERIFY ALL PIPE RUNS AND ADJUST PIPE LENGTHS ACCORDINGLY TO AVOID OBSTRUCTIONS.
5. ALL FLOW SPLITS TO BE IN ACCORDANCE TO SHOP DRAWINGS WITH TEE'S ORIENTED IN THE HORIZONTAL PLAN.
6. ALL PIPE TO BE SUPPORTED EVERY 8 FT. DISCHARGE NOZZLE TO BE SUPPORTED SO AS TO PREVENT RECOIL DURING DISCHARGE.
7. INSTALL CHROME ESCUTCHEONS ON ALL PIPE PENETRATIONS THRU WALLS, FLOORS, AND CEILING. ALL PIPE PENETRATIONS INTO AND OUT OF THE HAZARD TO BE SEALED SO AS TO PREVENT AGENT LEAKAGE.
8. ALL PIPE AND FITTINGS TO BE SWABBED CLEAN OF ANY CUTTING OILS AND METAL SHAVINGS BEFORE INSTALLATION.
9. APPLY TEFLON TAPE ONLY TO ALL MALE PIPE THREADS.
10. NOZZLE LOCATIONS ARE FOR REFERENCE ONLY. INSTALLERS TO FIELD VERIFY ALL NOZZLE LOCATIONS AND ADJUST LOCATIONS ACCORDINGLY TO AVOID ANY OBSTRUCTIONS.
11. PROTECTED AREA CUBIC VOLUMES ARE CRITICAL FOR PROPER SYSTEM OPERATION. ALL AREA DIMENSION CHANGES MUST BE REPORTED TO SYSTEM DESIGNER.
12. ALL AIR HANDLING EQUIPMENT SERVING PROTECTED SPACE ARE TO SHUTDOWN UPON ACTIVATION OF THE CLEAN AGENT SYSTEM. AIR HANDLING UNIT TO BE MANUALLY RESET BEFORE STARTUP AFTER RELEASE OF CLEAN AGENT SYSTEM.
13. ALL DOORS OR OPENINGS LEADING INTO OR OUT OF THE PROTECTED SPACE MUST BE AUTOMATICALLY CLOSED UPON SYSTEM ACTIVATION. UNLESS NOTED OTHERWISE, CONTROL WIRING FOR THIS FUNCTION IS BY OTHERS.
14. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE SEALING OF THE PROTECTED AREA.
15. NOZZLES, SMOKE DETECTORS, ETC. ARE SHOWN FOR ABOVE FLOOR LOCATION. CONTRACTOR SHALL ALSO PROVIDE ALL REQUIRED NOZZLES, HEADS, SMOKE DETECTORS, ETC. BELOW FLOOR AND ABOVE (IF REQUIRED).
16. CLEAN AGENT CALCULATION TO INCLUDE DUCTWORK FOR THE DEDICATED HVAC SYSTEM SERVING SECURITY ELECTRONICS ROOM B153.
17. CLEAN AGENT FIRE SUPPRESSION SYSTEM TO BE ANSUL SAPPHIRE FIRE SUPPRESSION SYSTEM OR PRIOR APPROVED EQUAL.

FIRE PROTECTION SYSTEM LEGEND

	WET PIPE SPRINKLER SYSTEM
	DRY PIPE SPRINKLER SYSTEM; MAXIMUM SECURITY SPRINKLER HEADS WITH RESTRAINING FLANGE
	CLEAN AGENT FIRE SUPPRESSION SYSTEM
	MAXIMUM SECURITY SPRINKLER HEADS WITH RESTRAINING FLANGE



1 **OVERALL FLOOR PLAN - SPRINKLER**

SCALE: 1" = 20'-0"

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO. 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

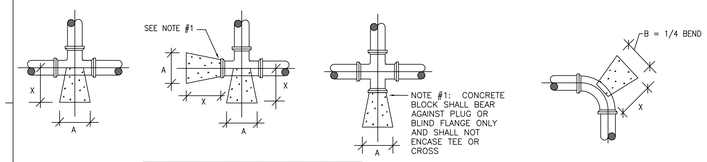
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

OVERALL FLOOR PLAN - SPRINKLER

sheet number

SP101

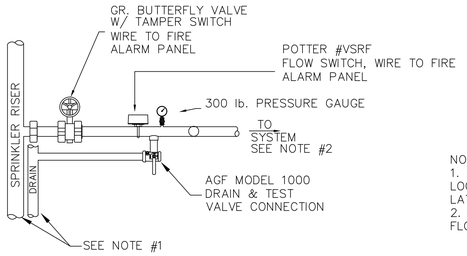
EYRE ENGINEERING
PRINTED: 4-1-2026



NOTE: ALL BENDS, TEES, WYES AND PLUGS TO HAVE STANDARD BLOCKING AS PER SCHEDULE AND DETAIL DIMENSION "X" TO BE A MINIMUM ON ONE (1) FOOT, BUT TO BE INCREASED WHERE NECESSARY TO PROVIDE BEARING AGAINST UNDISTRUBED TRENCH WALL.

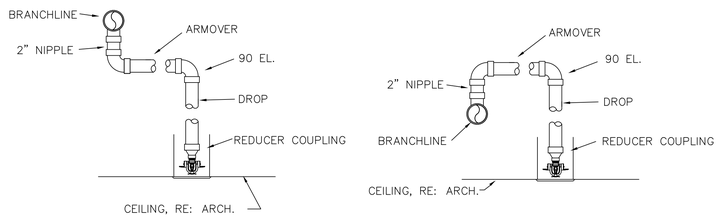
PIPE SIZE	A PLUGS & TEES	B 90 BENDS	C 45 BENDS	D 22-1/4 & 11-1/4 BEND	DEPTH OF BLOCK
6"	1' – 3"	2' – 0"	1' – 6"	1' – 0"	1' – 0"
8"	1' – 3"	2' – 4"	1' – 10"	1' – 3"	1' – 3"
10"	1' – 3"	2' – 4"	1' – 10"	1' – 3"	1' – 3"

1 DETAIL - THRUST BLOCKS
NO SCALE



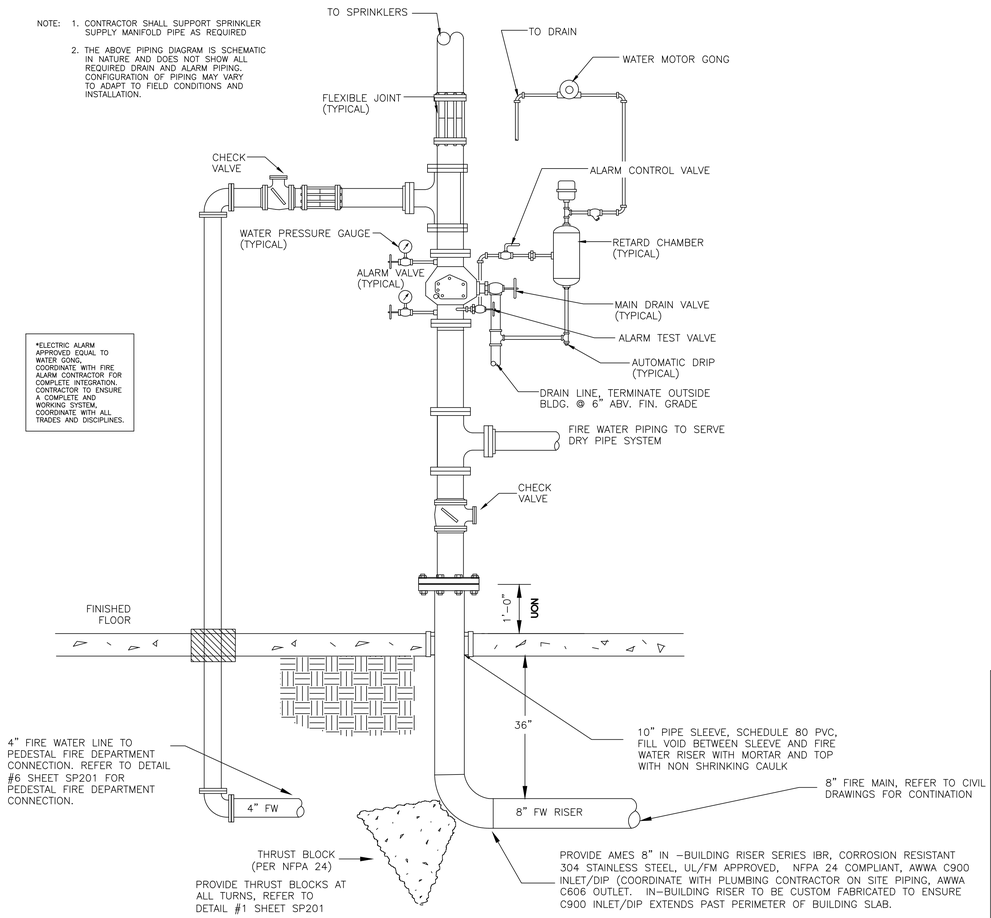
NOTES:
1. REFER TO FLOOR PLAN FOR EXACT LOCATION OF PIPING AND SIZE PER LATEST EDITION OF NFPA 13
2. TO SPRINKLER SYSTEM; REFER TO FLOOR PLAN FOR CONNECTION

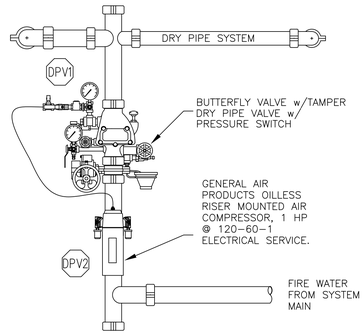
2 DETAIL - TYPICAL FIRE SPRINKLER SYSTEM CONNECTION(S)
NO SCALE



*ALL SPRINKLER HEADS TO BE CONCEALED TYPE WITH CUSTOM COLOR COVER PLATE.

3 DETAIL - SPRINKLER RISER, TYPICAL
NO SCALE





4 DETAIL - TYPICAL FULLY CONCEALED SPRINKLER HEAD INSTALLATIONS
NO SCALE

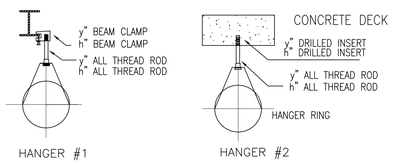
MAX. DISTANCE BETWEEN HANGERS

NOMINAL PIPE SIZE (IN.)	1" – 1q"	1h" – 6"
STEEL PIPE EXCEPT THREADED LIGHT WALL	12'–0"	15'–0"

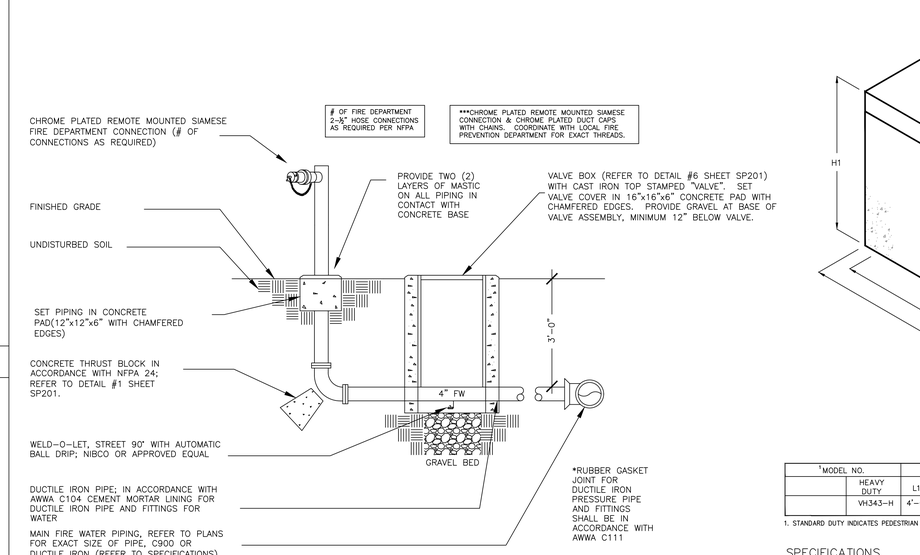
MAX. DISTANCE BETWEEN END SPRINKLER AND LAST HANGER ON THE BRANCH LINE

NOMINAL PIPE SIZE (IN.)	< 100 PSI 1"	< 100 PSI 1q"	< 100 PSI > 1q"	****
STEEL PIPE EXCEPT THREADED LIGHT WALL	36 IN.	48 IN.	60 IN.	12 IN.

****DISTANCE BETWEEN END SPRINKLER IN A PENDENT POSITION AND THE LAST HANGER ON A BRANCH LINE WHENEVER PRESSURE EXCEEDS 100 PSI.

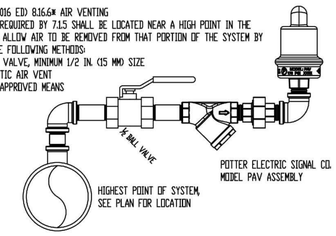


5 DETAIL - PIPE SUPPORTS + HANGERS, TYP.
NO SCALE

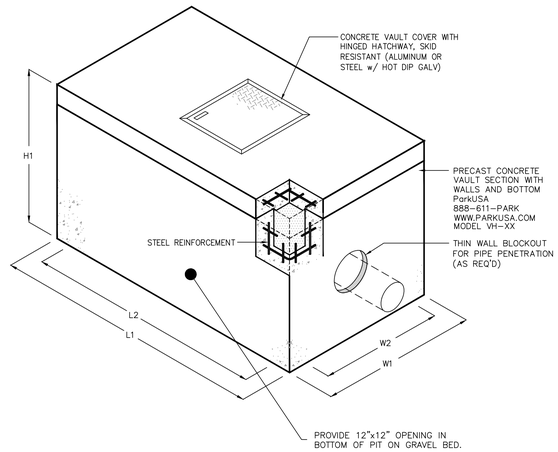


6 DETAIL - REMOTE FIRE DEPARTMENT CONNECTION
NO SCALE

NFPA 13 (2016 ED) 8.16.6* AIR VENTING
THE VENT REQUIRED BY 7.15 SHALL BE LOCATED NEAR A HIGH POINT IN THE SYSTEM TO ALLOW AIR TO BE REMOVED FROM THAT PORTION OF THE SYSTEM BY ONE OF THE FOLLOWING METHODS:
(1) MANUAL VALVE, MINIMUM 1/2 IN. (15 MM) SIZE
(2) AUTOMATIC AIR VENT
(3) OTHER APPROVED MEANS



7 DETAIL - AIR VENTING
NO SCALE



MODEL NO.	DIMENSIONS					
HEAVY DUTY	L1	L2	W1	W2	H1	WEIGHT LBS
VH343–H	4'–0"	3'–6"	3'–0"	2'–6"	3'–9"	2,800

1. STANDARD DUTY INDICATES PEDESTRIAN LOAD RATED, HEAVY DUTY IS TRAFFIC LOAD RATED.

PARK UTILITY VAULTS w/ HATCH
MODEL VH

SPECIFICATIONS

CONCRETE: CLASS 1/⅛ CONCRETE WITH OF DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.

REINFORCEMENT: GRADE 60 REINFORCED. STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL. BAR BENDING & PLACEMENT SHALL CONFORM TO LATEST ACI STANDARDS FOR PRECAST CONCRETE.

HATCHWAY: 1/4" ALUMINUM SKID RESISTANT DIAMOND PLATE, WITH 1/4" EXTRUDED ALUMINUM FRAME. HATCH TO BE FURNISHED WITH DROP HANDLE, SS HINGES, & LOCKING ARM.

EYRE ENGINEERING

Grace Design Studios

STATE OF LOUISIANA
HENRY C. EYRE, III
REG. NO. 33333
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS , LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS , LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

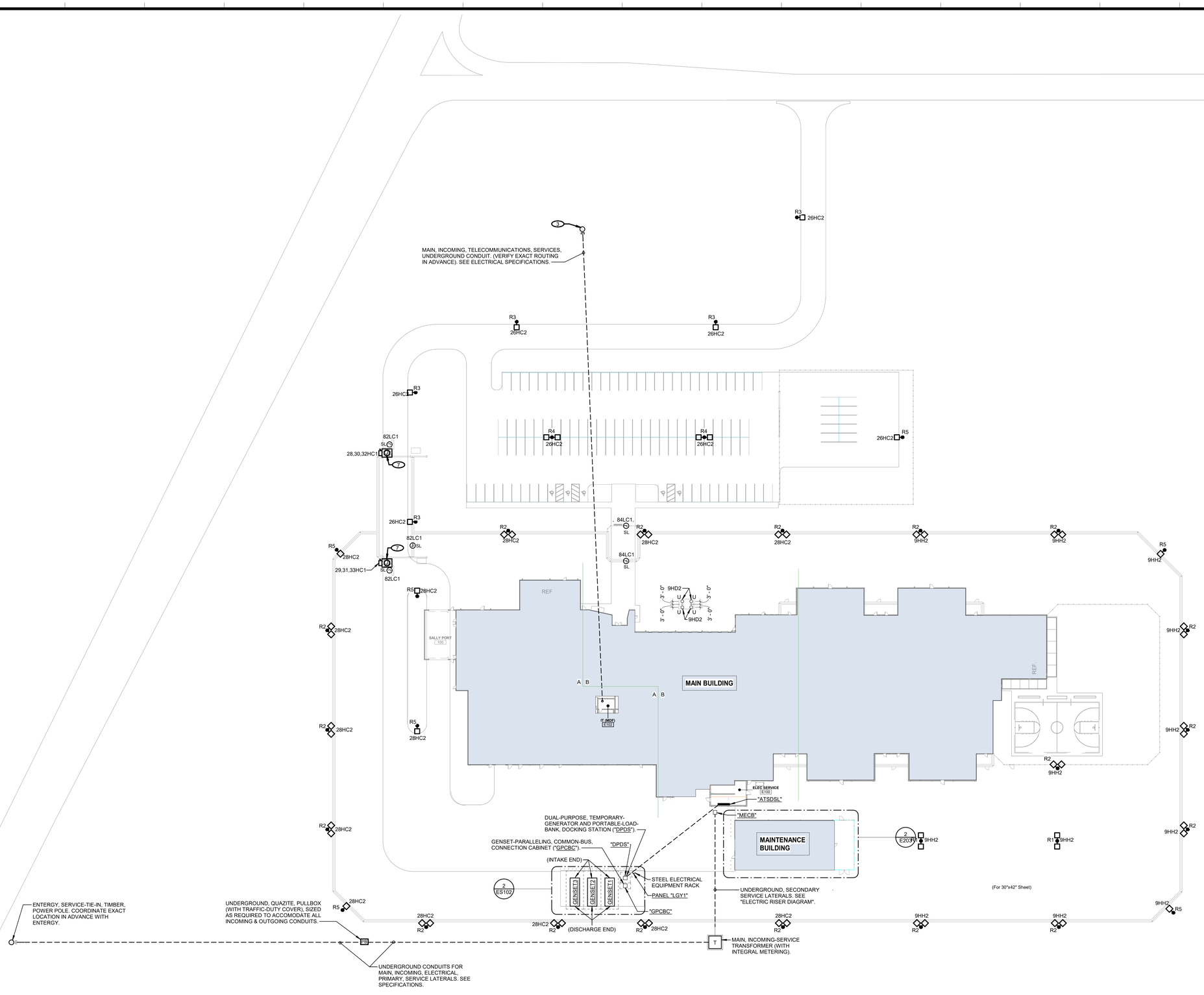
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SPRINKLER DETAILS

sheet number
SP201



1 SITE ELECTRICAL PLAN
1" = 40'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Jnesbit@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

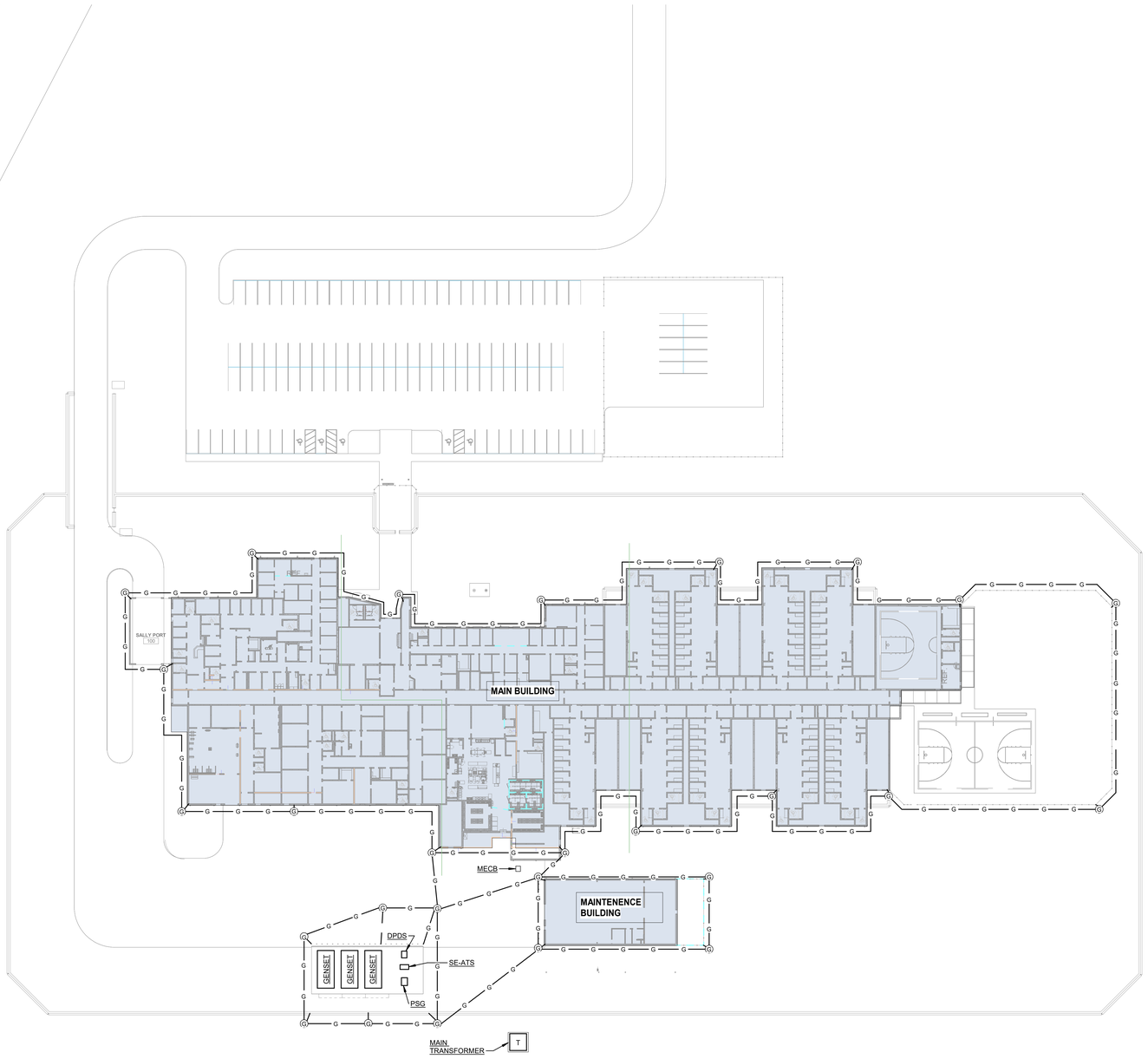
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

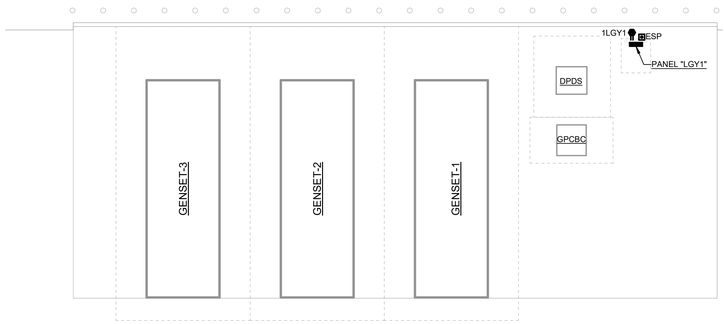
SITE ELECTRICAL PLAN & ENLARGED ELECTRICAL PLAN

SHEET NUMBER
ES101

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:08:38 AM



1 SITE ELECTRICAL GROUNDING PLAN
1" = 40'-0" (For 30"x42" Sheet)



2 GENERATOR YARD ELECTRICAL PLAN
1/8" = 1'-0" (For 30"x42" Sheet)

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:39:40 AM

Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Jnesbit@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

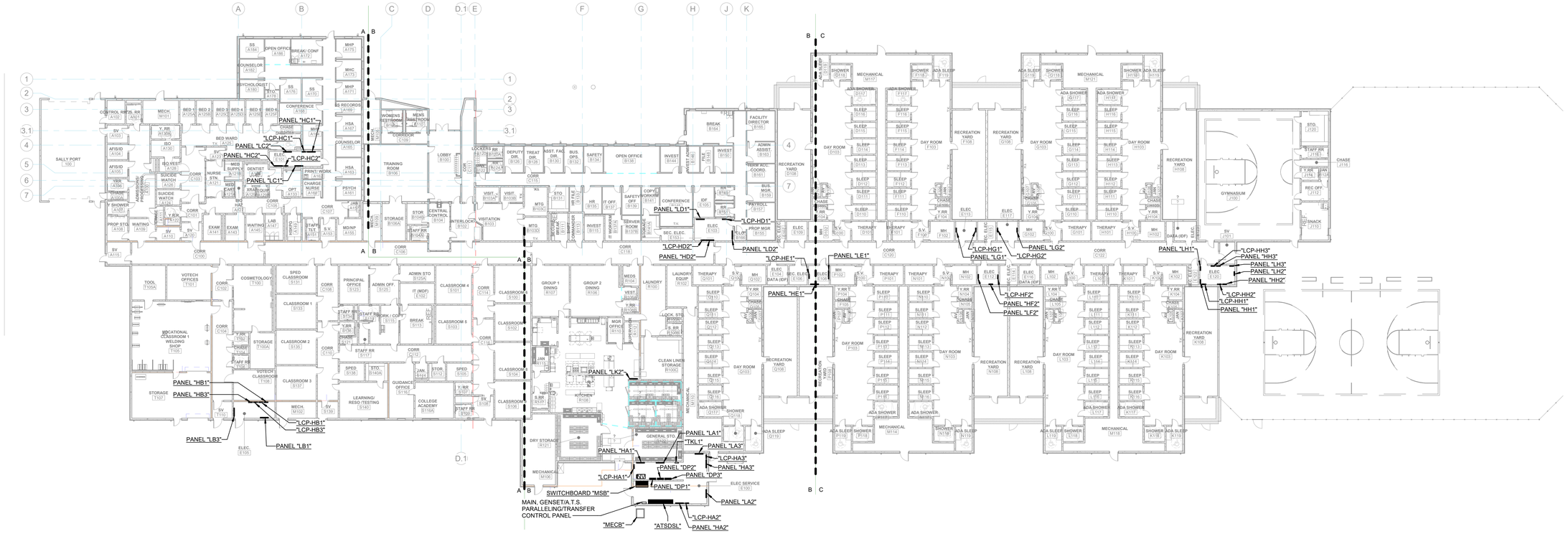
PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

SITE ELECTRICAL GROUNDING PLAN

SHEET NUMBER
ES102



1 ELECTRICAL FLOOR PLAN - OVERALL
3/64" = 1'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dnesbitpe@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

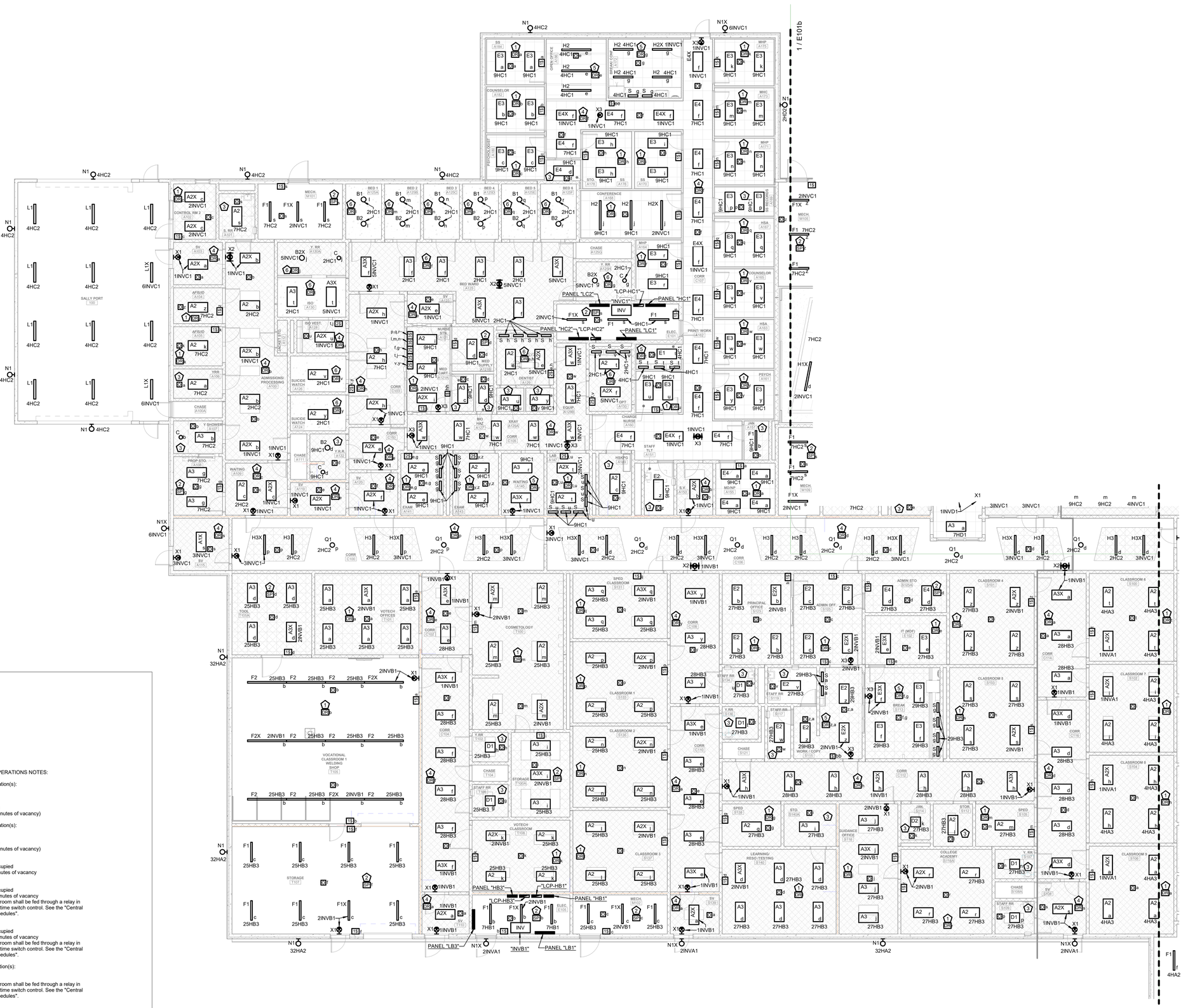
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL FLOOR PLAN - OVERALL

SHEET NUMBER
E100

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/30/2026 11:08:54 AM



LIGHTING CONTROL SEQUENCE OF OPERATIONS NOTES:

1. a. 1-Zone and or Multi-Zone Switch Station(s):
   i. Manual ON/Manual OFF
   ii. 0-10V Dimming
   b. Occupancy Sensor(s):
   i. 100% ON (After manual ON only)
   ii. 100% Auto OFF (After up to 20 minutes of vacancy)
2. a. 1-Zone and or Multi-Zone Switch Station(s):
   i. Manual ON/Manual OFF
   b. Occupancy Sensor(s):
   ii. 100% Auto OFF (After up to 20 minutes of vacancy)
3. a. Occupancy Sensor:
   i. 100% Auto ON when space is occupied
   ii. 100% Auto OFF after up to 20 minutes of vacancy
4. a. Occupancy Sensor(s):
   i. 100% Auto ON when space is occupied
   ii. Auto Dim to 50% after up to 20 minutes of vacancy
   b. Note: Lighting branch circuits in this room shall be fed through a relay in the Lighting Control Panel (LCP) for time switch control. See the "Central Lighting Control System Control Schedules".
5. a. Occupancy Sensor(s):
   i. 100% Auto ON when space is occupied
   ii. Auto Dim to 20% after up to 20 minutes of vacancy
   b. Note: Lighting branch circuits in this room shall be fed through a relay in the Lighting Control Panel (LCP) for time switch control. See the "Central Lighting Control System Control Schedules".
6. a. 1-Zone and or Multi-Zone Switch Station(s):
   i. Manual ON/Manual OFF
   ii. 0-10V Dimming
   b. Note: Lighting branch circuits in this room shall be fed through a relay in the Lighting Control Panel (LCP) for time switch control. See the "Central Lighting Control System Control Schedules".

2 LIGHTING CONTROL SEQUENCE OF OPERATIONS

No Scale

1 ELECTRICAL LIGHTING PLAN - SECTOR A

1/8" = 1'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
WILLIAM J. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Anonymous@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

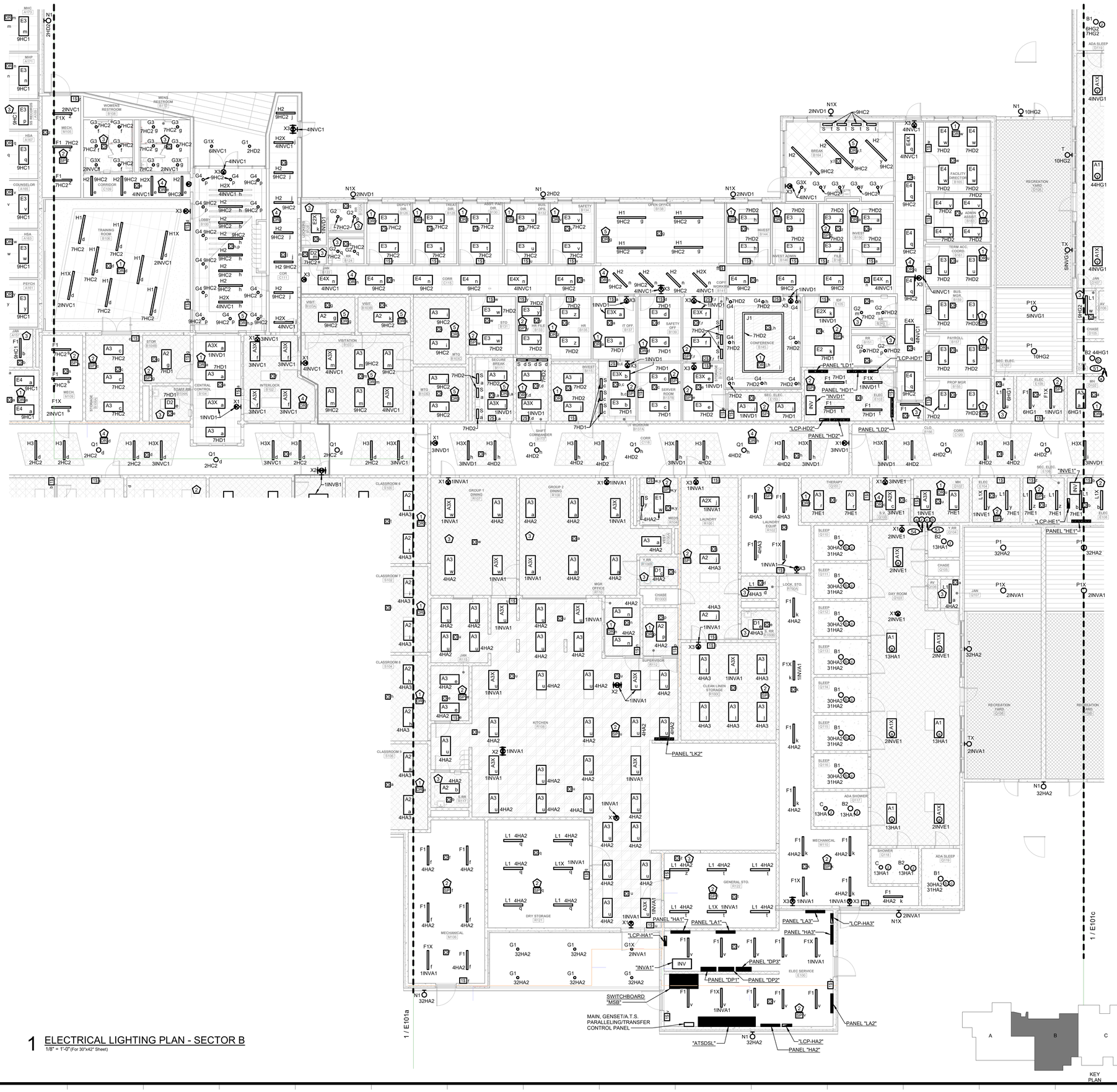
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL LIGHTING PLAN - SECTOR A

SHEET NUMBER
E101a

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
4/3/2026 1:16:58 AM



1 ELECTRICAL LIGHTING PLAN - SECTOR B
1/8" = 1'-0" (For 30"x42" Sheet)

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 1:28:07 PM

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
REGIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dnesbit@nesbitassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

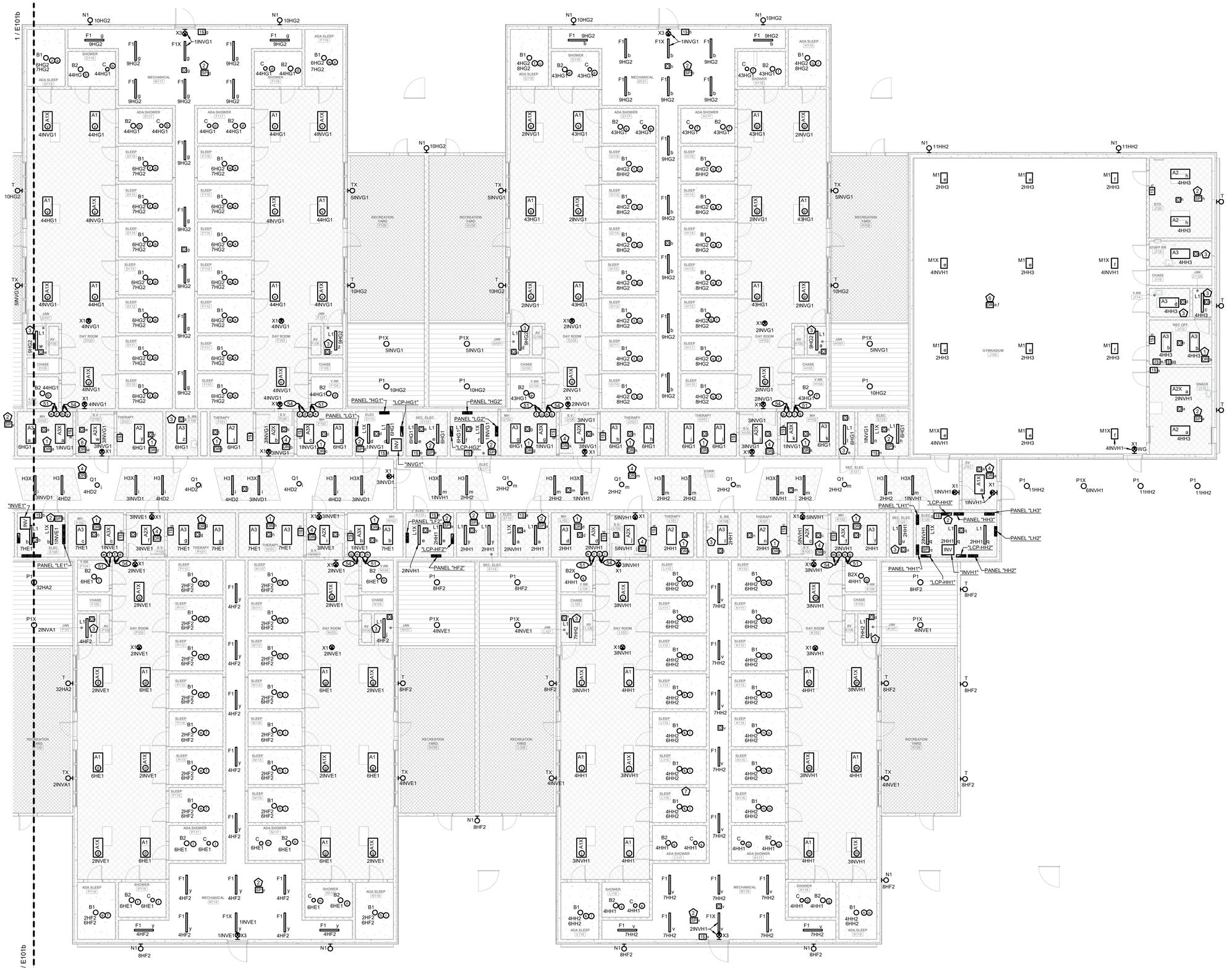
PROJECT NO. 08-403-04-02. Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

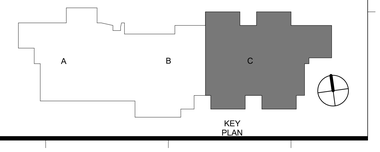
DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL LIGHTING PLAN - SECTOR B

SHEET NUMBER
E101b



1 ELECTRICAL LIGHTING PLAN - SECTOR C
1/8" = 1'-0" (For 30"x42" Sheet)



Grace Design Studios

STATE OF LOUISIANA
MICHAEL HEBERT, JR
License No. 15212
REGIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: jnesbit@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

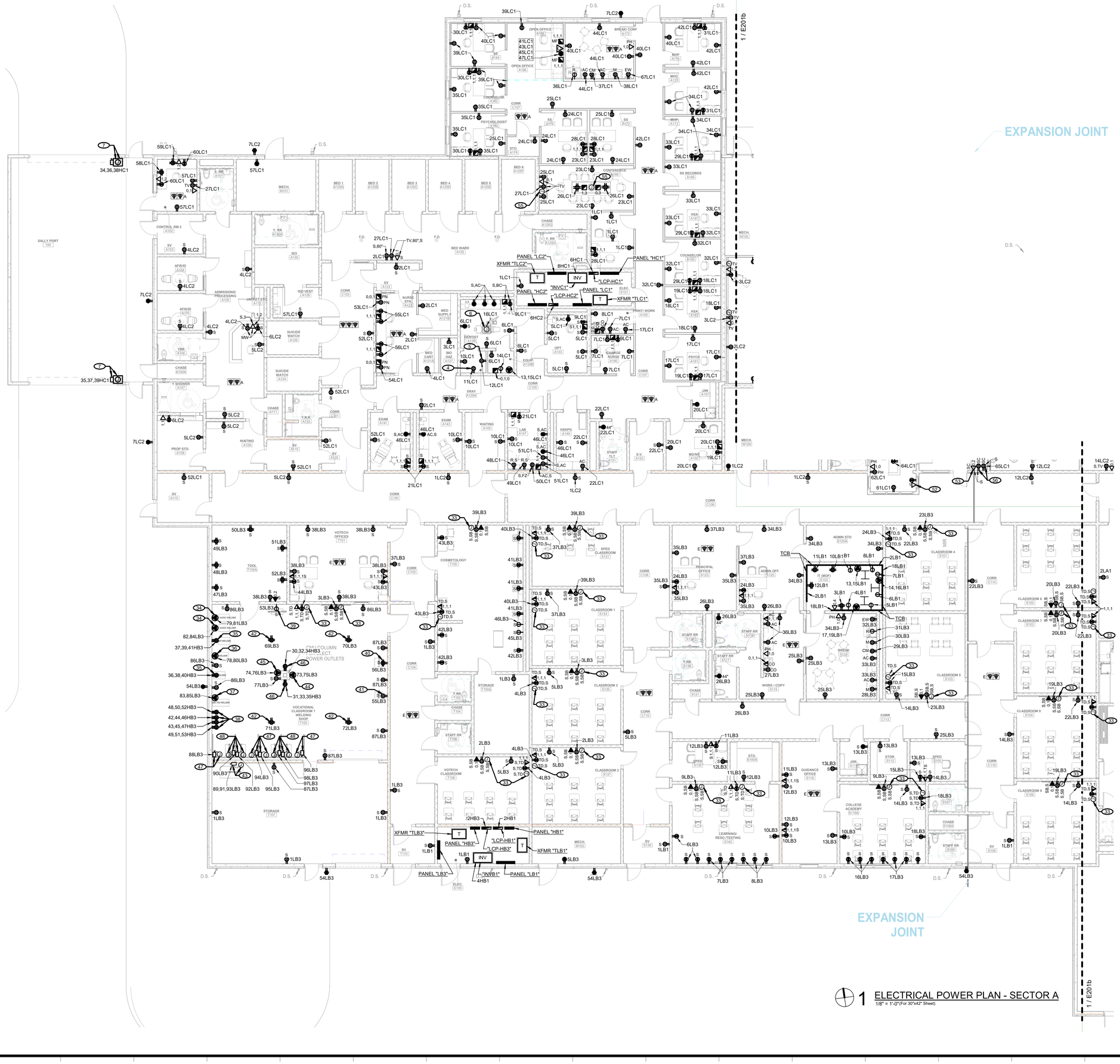
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL LIGHTING PLAN - SECTOR C

SHEET NUMBER
E101c

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:39:19 AM



1 ELECTRICAL POWER PLAN - SECTOR A
1/8" = 1'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dnesbitjr@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL POWER PLAN - SECTOR A

SHEET NUMBER
E201a

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/13/2026 11:39:27 AM

EXPANSION JOINT

EXPANSION JOINT

1 / E201a

1 / E201c

1 / E201b

1 / E202

1 ELECTRICAL POWER PLAN - SECTOR B
1/8" = 1'-0" (For 30"x42" Sheet)

KEY PLAN

Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: designstaff@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

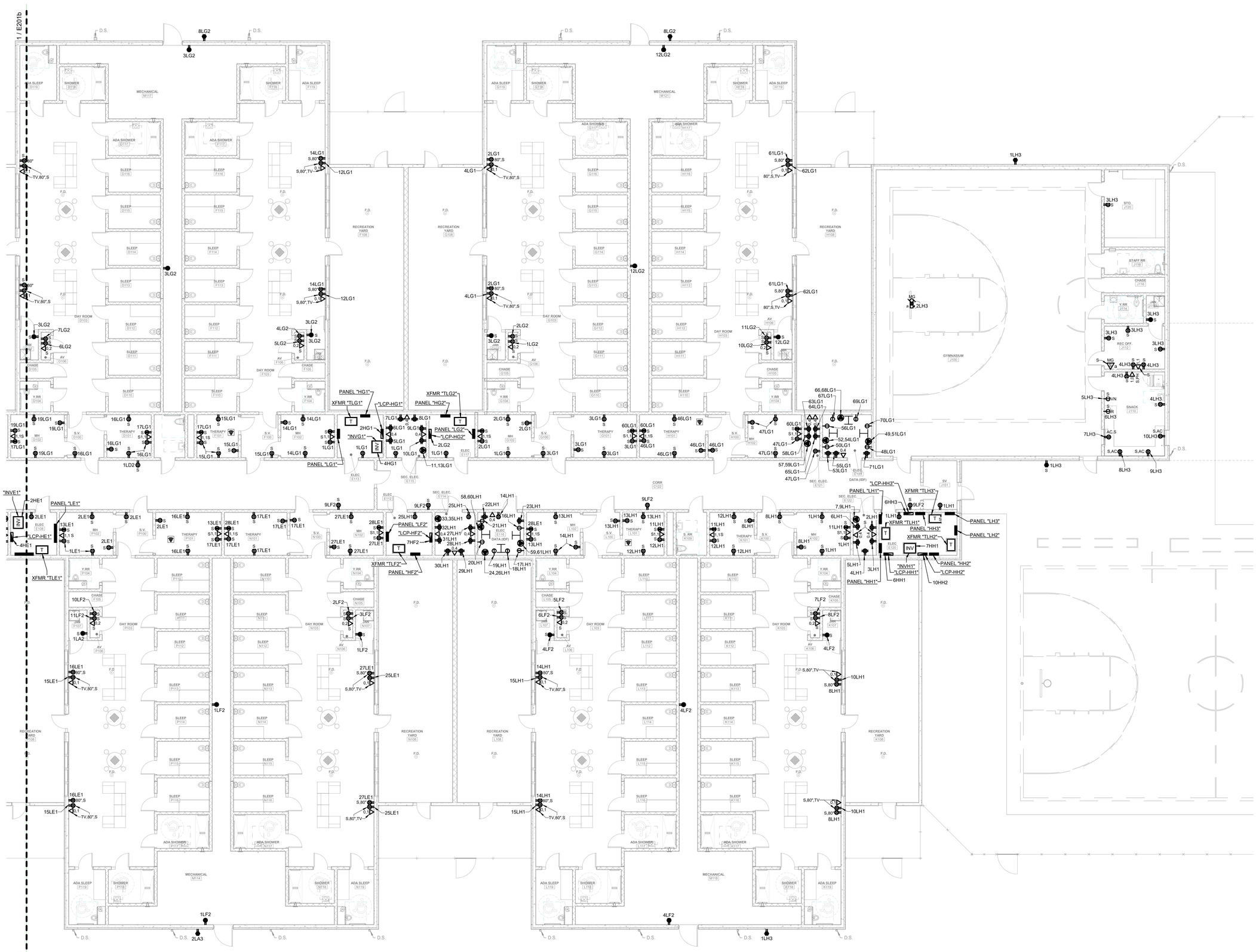
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL POWER PLAN - SECTOR B

SHEET NUMBER
E201b

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
9/17/2025 11:09:38 AM



1 ELECTRICAL POWER PLAN - SECTOR C
1/8" = 1'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dnesbitjr@nesbitandassociates.com
NBA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000078) &
08-403-24-01, F.080001651
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

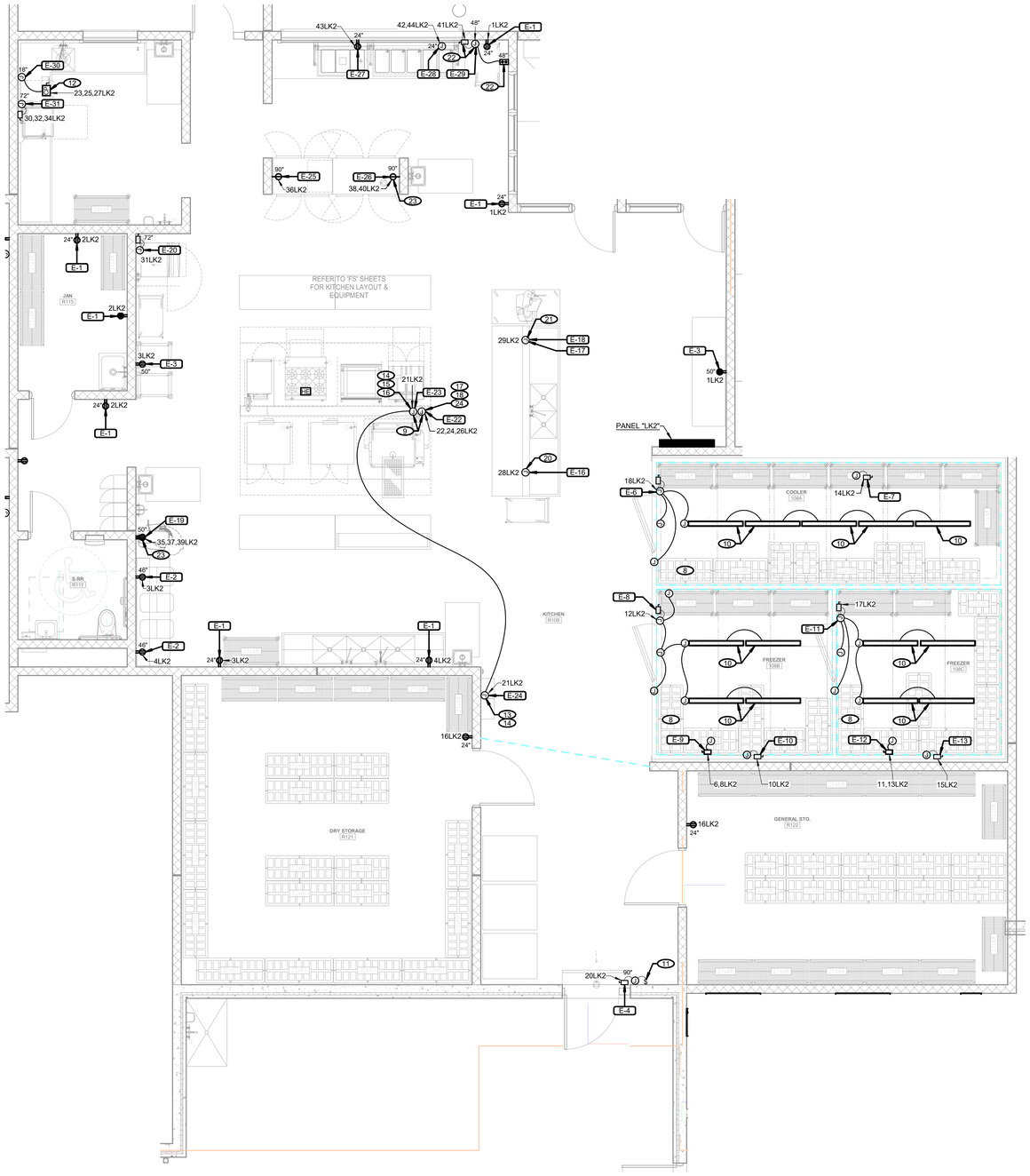
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

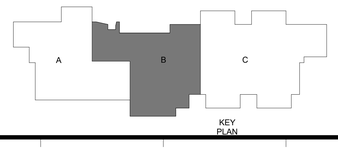
ELECTRICAL POWER PLAN - SECTOR C

SHEET NUMBER
E201c

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/30/2026 11:56:39 AM



1 ENLARGED FOOD SERVICE ELECTRICAL POWER PLAN
1/4" = 1'-0" (For 30"x42" Sheet)



Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Jnesbit@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

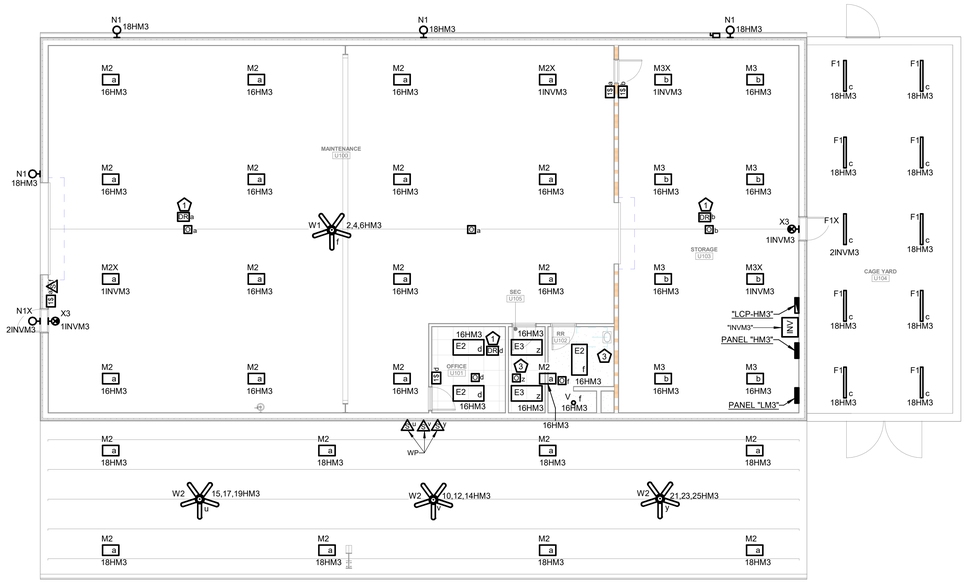
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

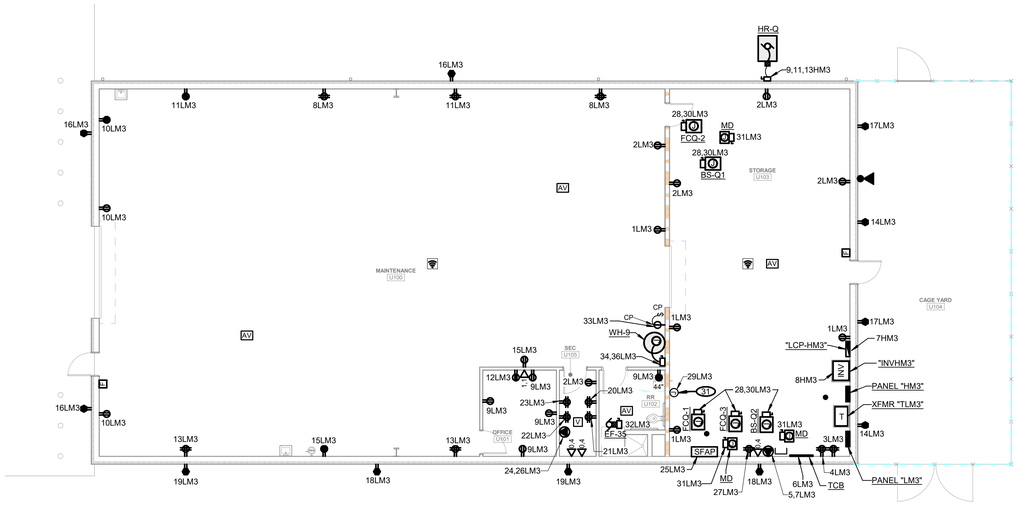
ENLARGED FOOD SERVICE ELECTRICAL POWER PLAN

SHEET NUMBER
E202

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:58:40 AM



1 MAINTENANCE BUILDING ELECTRICAL LIGHTING PLAN
1/8" = 1'-0" (For 30"x42" Sheet)



2 MAINTENANCE BUILDING ELECTRICAL PLAN
1/8" = 1'-0" (For 30"x42" Sheet)

Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Jnesbit@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

MAINTENANCE BUILDING ELECTRICAL PLANS

SHEET NUMBER
E203

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:08:24 AM

NOTE: REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT. VERIFY EXACT DESIRED LOCATIONS IN ADVANCE.

EMERGENCY-POWER INVERTER "INV2"

LOCATE AS REQUIRED FOR SPRINKLER RISER

1 / E301b

1 ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR A
1/8" = 1'-0" (For 30"x42" Sheet)

Autodesk Docs://ST1506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/30/2026 8:19:54 AM

Grace Design Studios

STATE OF LOUISIANA
WILLIAM J. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Jnesbit@nesbitandassociates.com
NBA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR A

SHEET NUMBER
E301a

NOTE: REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT. VERIFY EXACT DESIRED LOCATIONS IN ADVANCE.

LOCATE AS REQUIRED FOR SPRINKLER RISER

1 / E301a

1 / E301c

1 / E301a

1 / E301c

1 ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR B

1/8" = 1'-0" (For 30"x42" Sheet)

KEY PLAN

Grace Design Studios

WILLIAM NESBIT, JR
License No. 15212
REGIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: Anonymous@nesbitandassociates.com
NBA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000780) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026

PHASE: CONSTRUCTION DOCUMENTS

ISSUED FOR: REVIEW & PRICING

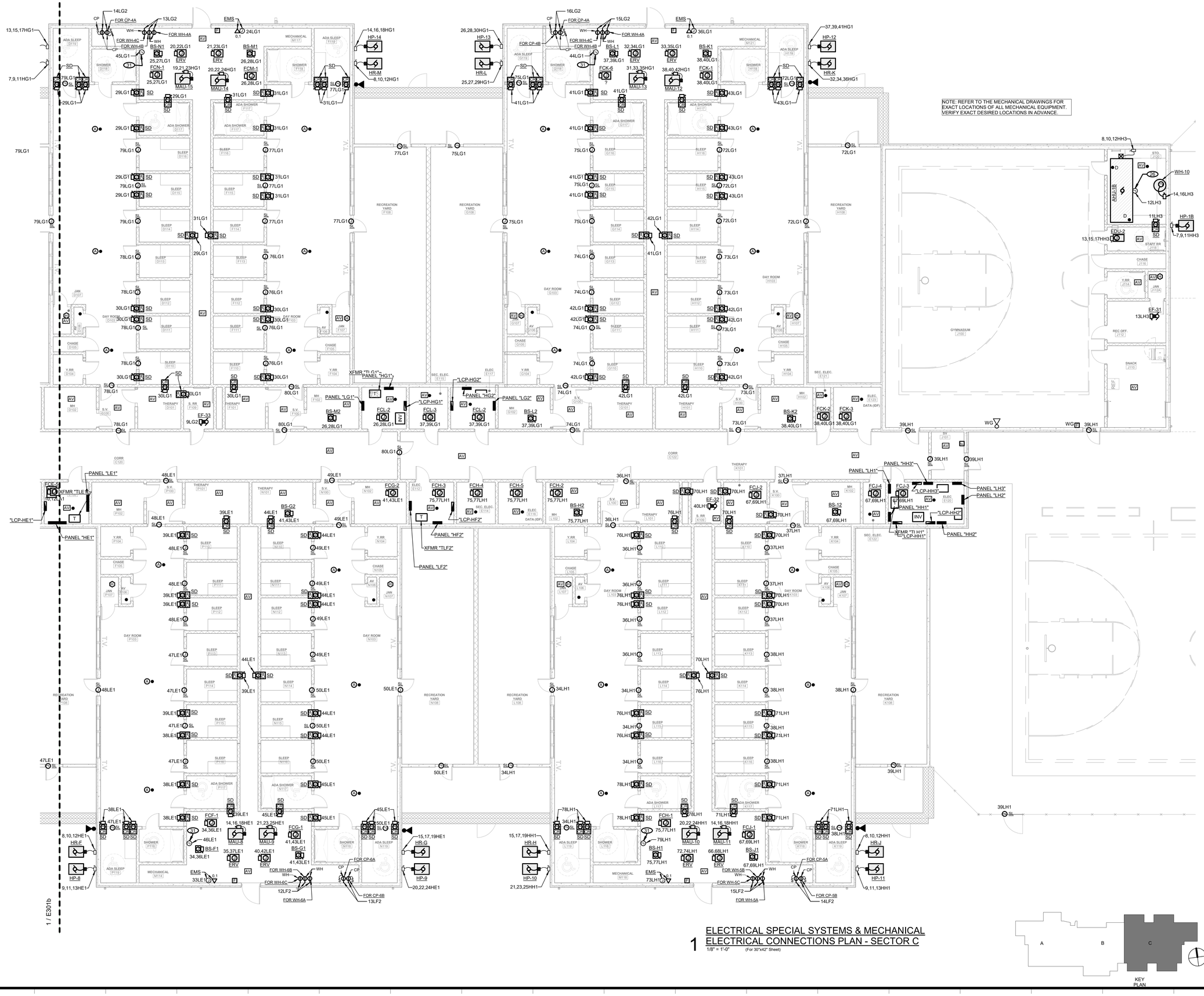
PROJECT NO: 571506

ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR B

SHEET NUMBER

E301b

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 1:59:50 AM



1 ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR C
1/8" = 1'-0" (For 30"x42" Sheet)

KEY PLAN

Grace Design Studios

STATE OF LOUISIANE
DANIEL HEBERT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dan.nesbit@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.080000?8) &
08-403-24-01, F.080001?5
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

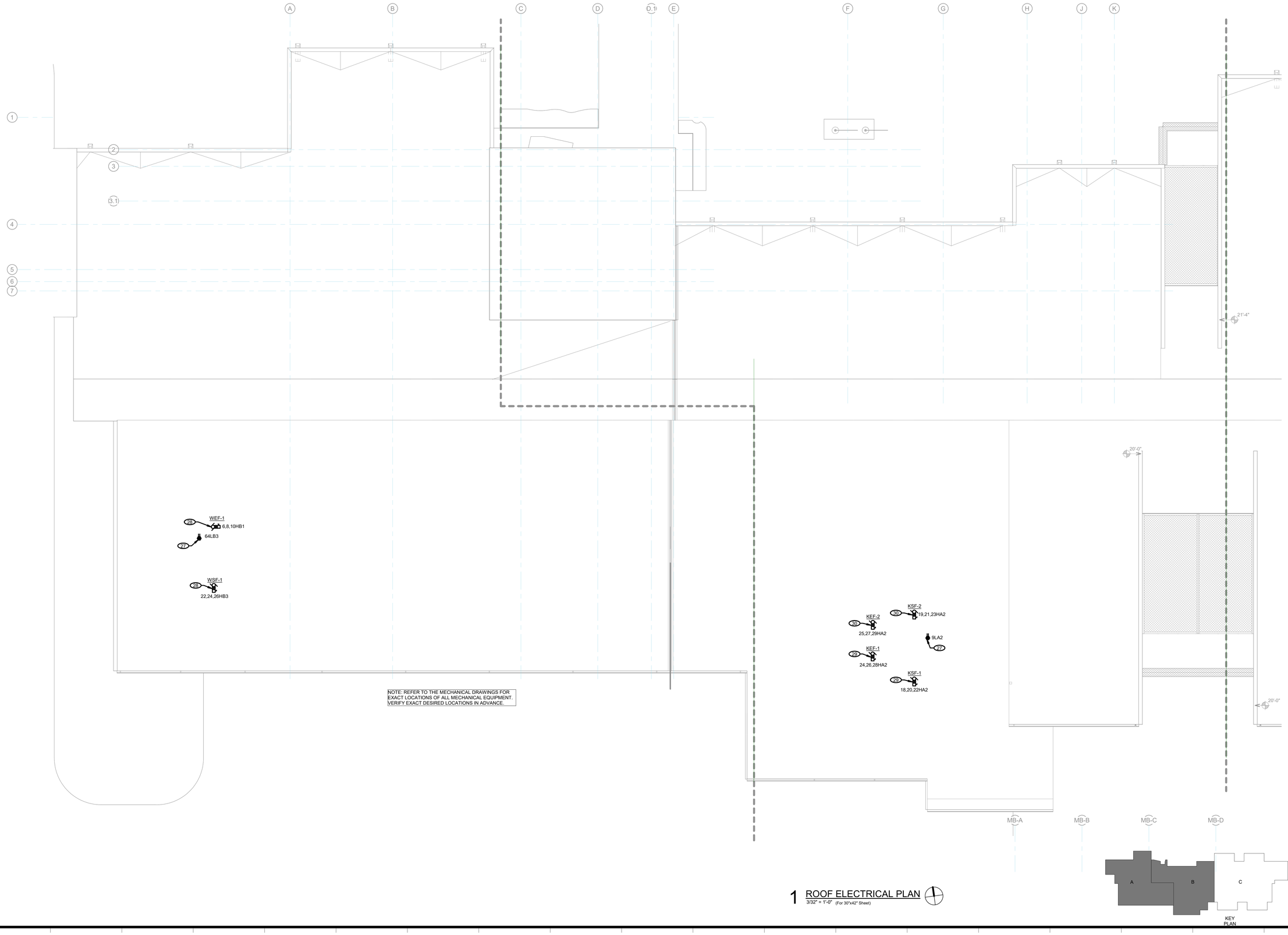
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO.: 571506

ELECTRICAL SPECIAL SYSTEMS & MECHANICAL ELECTRICAL CONNECTIONS PLAN - SECTOR C

SHEET NUMBER
E301c

Autodesk Docs://ST 1000 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:39:38 AM



1 ROOF ELECTRICAL PLAN
3/32" = 1'-0" (For 30"x42" Sheet)

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 11:59:39 AM

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: danesbit@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ROOF ELECTRICAL PLAN

SHEET NUMBER
E401

ELECTRICAL SYMBOL AND ABBREVIATION SCHEDULE

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS SHOWN HERE ARE NECESSARILY USED FOR THIS PROJECT.

B, B, OB, or B	LIGHTING FIXTURE. "B" DENOTES TYPE.
B	WALL-MOUNTED LIGHTING FIXTURE. "B" DENOTES TYPE.
B B	POLE-MOUNTED (ARM/BRACKET MOUNTING-TYPE) LIGHTING FIXTURE. "B" DENOTES TYPE.
	CEILING-MOUNTED EXIT LIGHTING FIXTURE WITH THE NUMBER OF FACES INDICATED BY THE "FILLED-IN" QUADRANTS OF THE SYMBOL; AND WITH DIRECTIONAL CHEVRONS AS INDICATED FOR EACH RESPECTIVE APPLICATION. SEE FIXTURE TYPE "X" IN THE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.
	WALL-MOUNTED (SIDE OR BACK AS REQUIRED FOR EACH RESPECTIVE APPLICATION) EXIT LIGHTING FIXTURE WITH THE NUMBER OF FACES INDICATED BY THE "FILLED-IN" QUADRANTS OF THE SYMBOL; AND WITH DIRECTIONAL CHEVRONS AS INDICATED FOR EACH RESPECTIVE APPLICATION. SEE FIXTURE TYPE "X" IN THE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.
B	CEILING FAN. "B" DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE.
1LA	NEAR ANY ELECTRICAL LOAD INDICATES THE BRANCH-CIRCUIT-BREAKER POLE NUMBER AND THE PANELBOARD NAME FOR THE RESPECTIVE SINGLE-POLE BRANCH CIRCUIT; POLE NUMBER 1 IN PANEL "LA" IS SHOWN HERE.
3,5LA	NEAR ANY ELECTRICAL LOAD INDICATES THE BRANCH-CIRCUIT-BREAKER POLE NUMBERS AND THE PANELBOARD NAME FOR THE RESPECTIVE TWO-POLE BRANCH CIRCUIT; POLES NUMBERS 3 AND 5 IN PANEL "LA" ARE SHOWN HERE.
7,9,11LA	NEAR ANY ELECTRICAL LOAD INDICATES THE BRANCH-CIRCUIT-BREAKER POLE NUMBERS AND THE PANELBOARD NAME FOR THE RESPECTIVE THREE-POLE BRANCH CIRCUIT; POLES NUMBERS 7, 9, AND 11 IN PANEL "LA" ARE SHOWN HERE.
$a	SINGLE-POLE TOGGLE SWITCH. "a" DENOTES FIXTURES OR OUTLETS CONTROLLED. VERIFY EXACT LOCATION IN ADVANCE.
S a	SPDT, MOMENTARY-CONTACT, TOGGLE SWITCH WITH CENTER "OFF" POSITION. "a" DENOTES ITEMS CONTROLLED. VERIFY CONTROLS IN ADVANCE.
O a	CEILING-MOUNTED, OCCUPANCY-SENSING CONTROLLER. "a" DENOTES FIXTURES, LOADS, OR ZONES CONTROLLED. IF NO SWITCH DESIGNATION IS SHOWN AS BEING ASSOCIATED WITH THIS SYMBOL, CONNECT THIS CONTROLLER AS REQUIRED TO CONTROL ALL LIGHTING FIXTURES IN THE ROOM.
$	CENTRAL LIGHTING CONTROL SYSTEM LOW-VOLTAGE OVERRIDE SWITCH. VERIFY EXACT LOCATION IN ADVANCE.
1$ a	LOW-VOLTAGE, DIGITAL, SWITCH STATION CONFIGURED TO CONTROL A SINGLE "ZONE" AS SHOWN ON THE DRAWINGS. ZONE "a" SHOWN CONTROLLED HERE. VERIFY EXACT LOCATION IN ADVANCE.
2$ a,b	LOW-VOLTAGE, DIGITAL, SWITCH STATION CONFIGURED TO CONTROL TWO (2) "ZONES" AS SHOWN ON THE DRAWINGS. ZONES "a" AND "b" SHOWN CONTROLLED HERE. VERIFY EXACT LOCATION IN ADVANCE.
3$ a,b,c	LOW-VOLTAGE, DIGITAL, SWITCH STATION CONFIGURED TO CONTROL THREE (3) "ZONES" AS SHOWN ON THE DRAWINGS. ZONES "a", "b" AND "c" SHOWN CONTROLLED HERE. VERIFY EXACT LOCATION IN ADVANCE.
O a	LOW-VOLTAGE, CEILING-MOUNTED, OCCUPANCY-SENSING CONTROLLER. "a" DENOTES FIXTURES, ZONES, OR DEVICES CONTROLLED.
DR a	0-10V, DIMMING RELAY PACK. "a" DENOTES FIXTURES, ZONES, OR LOADS CONTROLLED.
SP a	ON/OFF CONTROL SWITCH PACK. "a" DENOTES FIXTURES, ZONES, OR DEVICES CONTROLLED.
1	REFERENCE TO "LIGHTING CONTROL SEQUENCE OF OPERATIONS" NOTE FOR THE ROOM/SPACE. NOTE NUMBER ONE SHOWN HERE.
f	SECURITY-CONTROLS-SYSTEM, LIGHTING, SWITCH-CONTROL-LEG DESIGNATION. NEAR ANY LIGHTING FIXTURE INDICATES CONTROL CIRCUIT/LEG FOR FIXTURES BEING CONTROLLED BY A "SECURITY CONTROLS SYSTEM TOUCH SCREEN CONTROL STATION". CONTROL CIRCUIT/LEG "f" SHOWN HERE. CONNECT ALL FIXTURES IDENTIFIED WITH THE SAME RESPECTIVE CONTROL CIRCUIT/LEG DESIGNATION TOGETHER TO A CONTROL RELAY IN THE SECURITY CONTROLS SYSTEM RELAY CABINET, AND AS REQUIRED TO BE CONTROLLED BY THE SYSTEM TOUCH SCREEN CONTROL STATION. COORDINATE ALL ASSOCIATED WORK/SCOPE IN ADVANCE WITH THE SECURITY CONTROLS SYSTEM SUBCONTRACTOR/SUPPLIER/INSTALLER AND PROVIDE ALL REQUIRED WORK ACCORDINGLY. IF TWO (2) SUCH SYMBOLS ARE SHOWN FOR A TYPE "AA1" LIGHTING FIXTURE, ONE (1) IS MEANT FOR THE "MAIN" LIGHT PORTION OF THE FIXTURE, AND THE OTHER IS MEANT FOR THE "COUNT LIGHT" (NIGHT LIGHT) PORTION OF THE FIXTURE.
	DUPLEX RECEPTACLE, 125V, 3W GROUNDING TYPE. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
S	"SECURITY" TYPE", DUPLEX RECEPTACLE, 125V, 3W GROUNDING TYPE, AMPERE RATING AS REQUIRED TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING WITH TAMPER-PROOF SCREWS. REFERENCE THE SPECIFICATIONS.
	DUPLEX RECEPTACLE, 125V, 3W GROUNDING TYPE, DEDICATED TO COMPUTER (DATA) EQUIPMENT. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	DUPLEX RECEPTACLE, 125V, 3W GROUNDING TYPE, WITH GROUND FAULT INTERRUPTER. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	SINGLE RECEPTACLE, 125V, 3W GROUNDING TYPE. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	SINGLE RECEPTACLE; TWIST LOCK TYPE; 250V, 1-PHASE, 3W OR 125/250V, 1-PHASE, 4W GROUNDING TYPE, AS REQ'D FOR EXACT APPLICATION. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	SINGLE RECEPTACLE; 250V, 3-PHASE, 4W OR 120/208V, 3-PHASE, 5W GROUNDING TYPE, AS REQ'D FOR EXACT APPLICATION. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	WEATHERPROOF DUPLEX RECEPTACLE, 125V, 3W GROUNDING TYPE, WITH (WHILE-IN-USE) WEATHERPROOF COVER. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	QUADRUPLEX OUTLET CONSISTING OF TWO (2) DUPLEX RECEPTACLES, 125V, 3W GROUNDING TYPE, IN COMMON 2-GANG OUTLET BOX. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
	FLUSH-FLOOR QUADRUPLEX OUTLET CONSISTING OF TWO (2) DUPLEX RECEPTACLES, 125V, 3W GROUNDING TYPE, IN COMMON 2-GANG OUTLET BOX. AMPERE RATING AS REQ'D TO COORDINATE WITH RESPECTIVE CIRCUIT BREAKER RATING.
, or etc.	FLUSH-FLOOR OUTLET (GROUP) BOX SIZED AS REQUIRED TO CONTAIN THE OUTLETS SHOWN WITHIN THE BOX/OUTLINE (VERIFY IN ADVANCE). REFERENCE THE ARCHITECTURAL DRAWINGS FOR EXACT INSTALLATION LOCATION. VERIFY EXACT ROUTING OF ALL ASSOCIATED CONDUITS IN ADVANCE WITH ARCHITECT. SEE SPECIFICATIONS.
	WALL-MOUNTED, RECESSED, OUTLET BOX AND CONNECTION POINT FOR 4-CIRCUIT, 8-WIRE (4 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS, 1 EQUIPMENT GROUNDING CONDUCTOR, AND 1 ISOLATED EQUIPMENT GROUNDING CONDUCTOR), "MODULAR FURNITURE", POWER PIGTAIL. VERIFY EXACT REQ'D LOCATION WITH "MODULAR FURNITURE" SUPPLIER IN ADVANCE. SEE SPECIFICATIONS.
C	WALL-MOUNTED, RECESSED, COMMUNICATIONS OUTLET BOX, WITH 1-1/2" CONCEALED RACEWAY (WITH PULL WIRE) TO ACCESSIBLE LOCATION ABOVE CEILING, FOR COMMUNICATIONS (VOICE AND DATA) CABLES TO RESPECTIVE VOICE, DATA, AND/OR ALL-COMMUNICATIONS OUTLETS AT "MODULAR FURNITURE" WORK STATIONS. VERIFY EXACT DESIRED LOCATION IN ADVANCE. SEE SPECIFICATIONS.
J	JUNCTION/OUTLET BOX.
J	FLUSH-FLOOR JUNCTION/OUTLET BOX. VERIFY EXACT DESIRED LOCATION IN ADVANCE WITH ARCHITECT.

1,2	WALL-MOUNTED, (UNLESS SYMBOL IS IN A FLUSH-FLOOR MOUNTED OUTLET GROUP BOX), ALL-COMMUNICATION OUTLET (ACO) LOCATED IN GENERAL/ADMINISTRATIVE-TYPE AREAS HAVING THE NUMBER OF DATA JACKS INDICATED FOR WHICH THEIR DATA CABLES SHALL BE RUN TO THE RESPECTIVE DATA-PATCH-PANEL DESIGNATED FOR EITHER VOICE (VOIP) JACK OR "STANDARD" DATA JACK SIGNAL DISTRIBUTION. SHOWN HERE (FOR EXAMPLE) IS ONE (1) VOICE (VOIP) JACK AND TWO (2) "STANDARD" DATA JACKS. SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
1,1	WALL-MOUNTED, (UNLESS SYMBOL IS IN A FLUSH-FLOOR MOUNTED OUTLET GROUP BOX), ALL-COMMUNICATION OUTLET (ACO) LOCATED IN EDUCATION-TYPE AREAS, AND/OR OTHER YOUTH AREAS, HAVING THE NUMBER OF DATA JACKS INDICATED FOR WHICH THEIR DATA CABLES SHALL BE RUN TO THE RESPECTIVE DATA-PATCH-PANEL DESIGNATED FOR EITHER , "STANDARD" DATA JACK, OR EDUCATION ("ALTO"/"EDU") DATA JACK SIGNAL DISTRIBUTION. SHOWN HERE (FOR EXAMPLE) IS ONE (1) "STANDARD" DATA JACK, AND ONE (1) "EDU" ("ALTO") JACK. SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
1,2,1	WALL-MOUNTED, (UNLESS SYMBOL IS IN A FLUSH-FLOOR MOUNTED OUTLET GROUP BOX), ALL-COMMUNICATION OUTLET (ACO) LOCATED IN EDUCATION-TYPE AREAS, AND/OR OTHER YOUTH AREAS, HAVING THE NUMBER OF DATA JACKS INDICATED FOR WHICH THEIR DATA CABLES SHALL BE RUN TO THE RESPECTIVE DATA-PATCH-PANEL DESIGNATED FOR EITHER , "STANDARD" DATA JACK, OR EDUCATION ("ALTO"/"EDU") DATA JACK SIGNAL DISTRIBUTION. SHOWN HERE (FOR EXAMPLE) IS ONE (1) "STANDARD" DATA JACK, AND ONE (1) "EDU" ("ALTO") JACK. SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
1,2,1	WALL-MOUNTED, (UNLESS SYMBOL IS IN A FLUSH-FLOOR MOUNTED OUTLET GROUP BOX), ALL-COMMUNICATION OUTLET (ACO) LOCATED IN MEDICAL-TYPE AREAS HAVING THE NUMBER OF DATA JACKS INDICATED FOR WHICH THEIR DATA CABLES SHALL BE RUN TO THE RESPECTIVE DATA-PATCH-PANEL DESIGNATED FOR EITHER VOICE (VOIP) JACK, "STANDARD" DATA JACK, OR MEDICAL ("AFIS") DATA JACK SIGNAL DISTRIBUTION. SHOWN HERE (FOR EXAMPLE) IS ONE (1) VOICE (VOIP) JACK, TWO (2) DATA JACKS, AND ONE (1) "AFIS" (MEDICAL) DATA JACK. SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
	APPROXIMATE LOCATION OF A WIRELESS DATA NETWORK ACCESS TERMINAL ("WI-FI" CONNECTION POINT) BEING DESIGNATED FOR "STANDARD" USE. PROVIDE A DATA OUTLET WITH ONE (1) DATA JACK FOR EACH LOCATION. VERIFY EXACT DESIRED LOCATION IN ADVANCE, AND PROVIDE WALL-MOUNTED OR CEILING-MOUNTED OUTLET BOXES AS REQUIRED FOR EACH RESPECTIVE LOCATION (VERIFY IN ADVANCE). SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
E	APPROXIMATE LOCATION OF A WIRELESS DATA NETWORK ACCESS TERMINAL ("WI-FI" CONNECTION POINT) IN EDUCATION-TYPE AREAS FOR WHICH THE DATA CABLE SHALL BE RUN TO THE APPROPRIATE DATA-PATCH-PANEL FOR EDUCATION ("ALTO"/"EDU") DATA SIGNAL DISTRIBUTION. PROVIDE A DATA OUTLET WITH ONE (1) DATA JACK FOR EACH LOCATION. VERIFY EXACT DESIRED LOCATION IN ADVANCE, AND PROVIDE WALL-MOUNTED OR CEILING-MOUNTED OUTLET BOXES AS REQUIRED FOR EACH RESPECTIVE LOCATION (VERIFY IN ADVANCE). SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
A	APPROXIMATE LOCATION OF A WIRELESS DATA NETWORK ACCESS TERMINAL ("WI-FI" CONNECTION POINT) IN MEDICAL-TYPE AREAS FOR WHICH THE DATA CABLE SHALL BE RUN TO THE APPROPRIATE DATA-PATCH-PANEL FOR MEDICAL ("AFIS") DATA SIGNAL DISTRIBUTION. PROVIDE A DATA OUTLET WITH ONE (1) DATA JACK FOR EACH LOCATION. VERIFY EXACT DESIRED LOCATION IN ADVANCE, AND PROVIDE WALL-MOUNTED OR CEILING-MOUNTED OUTLET BOXES AS REQUIRED FOR EACH RESPECTIVE LOCATION (VERIFY IN ADVANCE). SEE THE TELECOMMUNICATIONS DIVISION OF THE PROJECT ELECTRICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION AND PROVIDE ACCORDINGLY.
	SURFACE-MOUNTED PANELBOARD OR FREE-STANDING SWITCHBOARD.
	LIGHTING CONTROL PANEL. SEE SPECIFICATIONS.
	TELECOMMUNICATIONS BACKBOARD.
TCB	TELECOMMUNICATION BACKBOARD.
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR.
PP	DATA-PATCH-PANEL EQUIPMENT RACK.
INV	EMERGENCY-POWER INVERTER SYSTEM. SEE SPECIFICATIONS.
T	TRANSFORMER.
	FLOOR-MOUNTED, DATA-PATCH-PANEL, RELAY RACK.
	WALL-MOUNTED, ENCLOSED, LOCKABLE, SWING-OUT TYPE DATA RACK.
PP	FLOOR-MOUNTED AND OR WALL-MOUNTED DATA-PATCH-PANEL, RELAY RACK.
M	UTILITY POWER-METERING EQUIPMENT.
	WIRING ABOVE GRADE OR FLOOR LEVEL.
	WIRING BELOW GRADE OR FINISHED FLOOR.
PB	UNDERGROUND PULL BOX. VERIFY EXACT DESIRED LOCATION OF THIS PULL BOX AND THE EXACT DESIRED ROUTING OF THE CONDUIT IN ADVANCE WITH THE ARCHITECT.
SE-ATS	SERVICE-ENTRANCE-RATED, AUTOMATIC TRANSFER SWITCH.SEE SPECIFICATIONS.
GEN	EMERGENCY ENGINE-GENERATOR SET REMOTE ANNUNCIATION PANEL.
GENSET	EMERGENCY ENGINE-GENERATOR SET.SEE SPECIFICATIONS.
DPDS	DUAL-PURPOSE DOCKING STATION. SEE SPECIFICATIONS.
GPCBC	GENSET-PARALLELING, COMMON-BUS, CONNECTION CABINET ("GPCBC").
AV	CEILING-MOUNTED AUDIO/VISUAL FIRE ALARM SYSTEM NOTIFICATION DEVICE.
	WALL-MOUNTED AUDIO/VISUAL FIRE ALARM SYSTEM NOTIFICATION DEVICE.
V	CEILING-MOUNTED VISUAL-ONLY FIRE ALARM SYSTEM NOTIFICATION DEVICE.
	WALL-MOUNTED VISUAL-ONLY FIRE ALARM SYSTEM NOTIFICATION DEVICE.
	FIRE ALARM SYSTEM SMOKE DETECTOR.
D	FIRE ALARM SYSTEM DUCT-TYPE SMOKE DETECTORS. UNLESS INDICATED OTHERWISE, LOCATE IN BOTH SUPPLY AND RETURN DUCTS.
H	FIRE ALARM SYSTEM HEAT DETECTOR.
FCC	FIRE ALARM SYSTEM FIREMAN CONTROL CENTER. SEE SPECIFICATIONS.
FAP	FIRE ALARM SYSTEM MAIN CONTROL PANEL.
FAS	FIRE ALARM SYSTEM SATELLITE CONTROL PANEL.
F	FIRE ALARM SYSTEM MANUAL PULL STATION.
CR	FIRE ALARM SYSTEM CONTROL RELAY/ MODULE.
	EXTERIOR, WEATHERPROOF, FIRE ALARM SYSTEM AUDIO NOTIFICATION DEVICE. SEE SPECIFICATIONS.
	DRY-LOCATION FIRE ALARM SYSTEM AUDIO NOTIFICATION DEVICE. SEE SPECIFICATIONS.
A	FIRE ALARM AUDIBLE-ONLY, LOW FREQUENCY, SOUNDER, ALARM. SEE SPECIFICATIONS.
HE	KITCHEN HOOD FIRE EXTINGUISHING SYSTEM.
TS	SPRINKLER-SYSTEM TAMPER SWITCH.
FS	SPRINKLER-SYSTEM FLOW SWITCH.
VFD	VARIABLE FREQUENCY DRIVE (MOTOR STARTER).
CP	CONTROL PANEL.
CP	CONTROL PANEL WITH MEANS OF DISCONNECT.
	PUSHBUTTON. DOTS DENOTE NUMBER OF BUTTONS.
	PHOTOCELL. MOUNT AS HIGH AS PRACTICABLE IN LOCATION STIPULATED BY THE ARCHITECT.

G	UNDERGROUND GROUND-RING GROUNDWELL. REFERENCE THE "TYPICAL GROUNDWELL DETAIL" AND THE SPECIFICATIONS.
—G—G—	UNDERGROUND GROUND RING. REFERENCE THE "ELECTRICAL POWER RISER DETAIL" AND THE SPRCIFICATIONS.
	4" SQUARE STEEL TELE-POWER POLE.
	SAFETY SWITCH.
	MOTOR.
	MOTOR STARTER.
3	REFERENCE TO REFERENCED ELECTRICAL NOTE. NOTE NUMBER THREE SHOWN.
E-7	KITCHEN EQUIPMENT ELECTRICAL ROUGH-IN/CONNECTION DESIGNATION CORRESPONDING WITH THE RESPECTIVE CONNECTION INDICATED IN THE "ELECTRICAL ROUGH-IN DATA SCHEDULE" LOCATED ON THE PROJECT FOOD SERVICE DRAWINGS. CONNECTION NUMBER "E-7" SHOWN HERE. REFERENCE THE SHEDULE ON FOOD SERVICE DRAWINGS FOR MORE DETAILED INFORMATION RELATIVE TO EACH FOOD SERVICE EQUIPMENT CONNECTION AND PROVIDE ACCORDINGLY.
HE	KITCHEN HOOD FIRE EXTINGUISHING SYSTEM.
44"	NEAR ANY DEVICE INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR. MOUNTING HEIGHT OF FOURTY-FOUR (44) INCHES ABOVE FINISHED FLOOR SHOWN HERE.
Δ	DELTA-CONNECTED.
A	AMP(S).
AC	NEAR ANY OUTLET INDICATES ABOVE COUNTER. LOCATE EXACT DESIRED LOCATION WITH ARCHITECT IN ADVANCE.
AIC	AMPS INTERRUPTING CAPACITY.
BC	NEAR ANY OUTLET INDICATES BELOW COUNTER. LOCATE EXACT DESIRED LOCATION WITH ARCHITECT IN ADVANCE.
BF	NEAR ANY DEVICE INDICATES "LOCATE AS REQUIRED FOR BOTTLE FILLING STATION. VERIFY EXACT LOCATION (INCLUDING MOUNTING HEIGHT) IN ADVANCE WITH THE PLUMBING SUBCINTRACTOR".
CM	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR COFFEE MAKER. VERIFY EXACT LOCATION IN ADVANCE."
CO	NEAR ANY OUTLET DENOTES "LOCATE AS REQUIRED FOR COPIER. VERIFY EXACT DESIRED LOCATION IN ADVANCE".
CP	NEAR ANY DEVICE INDICATES "LOCATE AS REQUIRED FOR HOT WATER CIRCULATION PUMP VERIFY EXACT LOCATION (INCLUDING MOUNTING HEIGHT) IN ADVANCE WITH THE PLUMBING SUBCINTRACTOR".
EP	NURSE-CALL-SYSTEM, CENTRAL EQUIPMENT PANEL. VERIFY EXACT DESIRED LOCATION WITH THE ARCHITECT. SEE SPECIFICATIONS.
VP	NURSE-CALL-SYSTEM, ANNUNCIATOR PANEL STATION. SEE SPECIFICATIONS.
N	NURSE-CALL-SYSTEM, SINGLE-PATIENT STATION. SEE SPECIFICATIONS.
PC	NURSE-CALL-SYSTEM, TOLIET, EMERGENCY PULL-CORD STATION. SEE SPECIFICATIONS.
D	NURSE-CALL-SYSTEM, DUTY STATION. SEE SPECIFICATIONS.
S	NURSE-CALL-SYSTEM, STAFF STATION. SEE SPECIFICATIONS.
SA	NURSE-CALL-SYSTEM, CODE-BLUE/ STAFF-ASSIST STATION. SEE SPECIFICATIONS.
SH	NURSE-CALL-SYSTEM, SHOWER-SPLASH-PROOF EMERGENCY PULL-CORD STATION. SEE SPECIFICATIONS.
	NURSE-CALL-SYSTEM, CORRIDOR DOME LIGHT. SEE SPECIFICATIONS.
DI	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR DISPOSAL. VERIFY EXACT DESIRED LOCATION IN ADVANCE".
DPDS	DUAL-PURPOSE, PORTABLE-GENERATOR AND PORTABLE-LOAD-BANK, DOCKING STATION. REFERENCE THE SPECIFICATIONS.
DR	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR DRYER. VERIFY EXACT LOCATION IN ADVANCE."
DW	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR DISHWASHER. VERIFY EXACT LOCATION IN ADVANCE."
EG	EQUIPMENT GROUND.
EC	EMPTY CONDUIT WITH PULL WIRE.
ED	NEAR ANY EQUIPMENT INDICATES EXISTING TO BE DEMOLISHED.
EL	NEAR ANY EQUIPMENT INDICATES EXISTING POLE LIGHTING ASSEMBLY.
ESP	WEATHERPROOF EMERGENCY ENGINE-GENERATOR-SET, "EMERGENCY-POWER-OFF" PUSHBUTTON. VERIFY EXACT LOCATION IN ADVANCE WITH THE ARCHITECT. SEE SPECIFICATIONS.
EW	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR ELECTRIC WATER COOLER. VERIFY EXACT LOCATION IN ADVANCE."
F	FUSE(S).
FZ	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR FREEZER. VERIFY EXACT LOCATION IN ADVANCE."
GEC	GROUNDING ELECTRODE CABLE.
GRC	GROUND ROD & CONNECTOR
IM	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR ICE MACHINE. VERIFY EXACT LOCATION IN ADVANCE."
KCM	KILO-CIRCULAR-MILS.
KVA	KILOVOLT-AMP(S).
M	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR MICROWAVE. VERIFY EXACT DESIRED LOCATION IN ADVANCE".
MF	NEAR ANY OUTLET INDICATES "LOCATE AS REQUIRED FOR MODULAR FURNITURE DATA OUTLET LOCATION, INSTALLED WITHIN MODULAR FURNITURE DIVIDER WALL PANELS. VERIFY EXACT LOCATION IN ADVANCE."
MG	NEAR ANY DEVICE INDICATES "LOCATE AS REQUIRED FOR MOTORIZED BASKETBALL GOAL. VERIFY EXACT LOCATION IN ADVANCE."
MS	NEAR ANY DEVICE INDICATES "LOCATE AS REQUIRED FOR MOTORIZED PROJECTION SCREEN. VERIFY EXACT LOCATION IN ADVANCE."
MW	NEAR ANY DEVICE/OUTLET DENOTES "LOCATE IN MILLWORK IN THE EXACT LOCATION STIPULATED BY ARCHITECT. VERIFY EXACT LOCATION IN ADVANCE."
P	POLE(S).
PH	NEAR ANY DEVICE/OUTLET DENOTES "LOCATE AS REQUIRED FOR TELEPHONE. VERIFY EXACT DESIRED LOCATION IN ADVANCE".
PR	NEAR ANY DEVICE/OUTLET DENOTES "LOCATE ABOVE CEILING AS REQUIRED OR PROJECTOR. VERIFY EXACT DESIRED LOCATION IN ADVANCE".
R	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR REFRIGERATOR. VERIFY EXACT LOCATION IN ADVANCE."
REQ'D	REQUIRED.
S	NEAR ANY DEVICE DENOTES "SECURITY" TYPE DEVICE WITH TAMPER PROOF SCREWS. SEE SPECIFICATIONS.
SB	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR SMARTBOARD, AND DENOTES 'SECURITY' TYPE DEVICE/OUTLET WITH TAMBER PROOF SCREWS. SEE SPECIFICATIONS. VERIFY EXACT LOCATION IN ADVANCE."
SC	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR BODY SCANNER. VERIFY EXACT LOCATION IN ADVANCE."
SG	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR SECURITY DETENTION CONTROL & MONITOR GATE CARD READER & LOCK. VERIFY EXACT LOCATION IN ADVANCE."
SH	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR PAPER SHREDDER. VERIFY EXACT LOCATION IN ADVANCE."
SL	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR SECURITY DETENTION CONTROL & MONITOR DOOR CARD READER & LOCK. VERIFY EXACT LOCATION IN ADVANCE."
SN	SOLID NEUTRAL.
SPD	SURGE PROTECTIVE DEVICE.
TD	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR TEACHER'S DESK. VERIFY EXACT LOCATION IN ADVANCE."
TL	NEAR ANY RECEPTACLE INDICATES TWIST-LOCK.
TV	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR TELEVISION OR MONITOR. VERIFY EXACT LOCATION IN ADVANCE."
V	VOLT(S).

WH	NEAR ANY DEVICE INDICATES "LOCATE AS REQUIRED FOR GAS-FIRED INSTANTANEOUS WATER HEATER. VERIFY EXACT LOCATION (INCLUDING MOUNTING HEIGHT) IN ADVANCE WITH THE PLUMBING SUBCINTRACTOR".
VFD	VARIABLE FREQUENCY DRIVE.
VG	NEAR ANY DEVICE DENOTES "LOCATE AS REQUIRED FOR SECURITY VEHICULAR ACCESS GATE. VERIFY EXACT LOCATION IN ADVANCE."
W	WIRE(S).
WA	NEAR ANY RECEPTACLE DENOTES "LOCATE AS REQUIRED FOR WASHER. VERIFY EXACT LOCATION IN ADVANCE."
WG	NEAR ANY DEVICE DENOTES "PROVIDE WIREGUARD."
WP	NEAR ANY DEVICE DENOTES WEATHERPROOF TYPE.
XFMR	TRANSFORMER.
Y	WYE-CONNECTED.
AHU	AIR HANDLING UNIT. SEE MECHANICAL DRAWINGS.
BS	BRANCH SELECTOR. SEE MECHANICAL DRAWINGS.
CP	HOT WATER CIRCULATION PUMP. SEE MECHANICAL DRAWINGS.
ECU	DUCTLESS MINI-SPLIT OUTDOOR UNIT. SEE MECHANICAL DRAWINGS.
EDH	ELECTRIC DUCT HEATER. SEE MECHANICAL DRAWINGS.
EF	EXHAUST FAN. SEE MECHANICAL DRAWINGS.
EMS	ENERGY MANAGEMENT SYSTEM EQUIPMENT. SEE MECHANICAL DRAWINGS.
ERU	DUCTLESS MINI-SPLIT INDOOR UNIT. SEE MECHANICAL DRAWINGS.
ERV	ENERGY RECOVERY VENTILATOR. SEE MECHANICAL DRAWINGS.
EUH	ELECTRIC UNIT HEATER. SEE MECHANICAL DRAWINGS.
FC	FAN COIL UNIT. SEE MECHANICAL DRAWINGS.
KEF	KITCHEN EXHAUST FAN. SEE MECHANICAL DRAWINGS.
KSF	KITCHEN SUPPLY FAN. SEE MECHANICAL DRAWINGS.
HP	HEAT PUMP. SEE MECHANICAL DRAWINGS.
HR	HEAT RECOVERY UNIT. SEE MECHANICAL DRAWINGS.
MAU	MOTORIZED AIR UNIT. SEE MECHANICAL DRAWINGS.
MD	MOTORIZED FRESH AIR DAMPER. SEE MECHANICAL DRAWINGS.
MSU	MINI-SPLIT CONDENSING UNIT. SEE MECHANICAL DRAWINGS.
PSG	EMERGENCY ENGINE-GENERATOR SET PARALELLING SWITCHGEAR. SEE SPECIFICATIONS
SD	SMOKE DAMPER. SEE MECHANICAL DRAWINGS.
WEF	DISHWASHER EXHAUST FAN. SEE MECHANICAL DRAWINGS.
WH	WATER HEATER. SEE MECHANICAL DRAWINGS.
WMU	WALL-MOUNTED MINI-SPLIT SYSTEM UNIT. SEE MECHANICAL DRAWINGS.
WSF	DISHWASHER SUPPLY FAN. SEE MECHANICAL DRAWINGS.

1 ELECTRICAL SYMBOL & ABBREVIATION SCHEDULE
N.T.S.

Grace
Design Studios

STATE OF LOUISIANA
W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL SYMBOL & ABBREVIATION SCHEDULE

SHEET NUMBER
E501

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:00 PM

GENERAL ELECTRICAL NOTES:

1. Divisions 26 0000, 27 0000, and 28 0000 of a separately-bound set project specifications (i.e., a specification manual) are part of the electrical construction documents for this project, and the project requirements which are specified therein shall be followed the same as if they were stipulated on these drawings.

2. Reference the specifications for the contact information for Entergy, the local power company.

3. As soon as possible following the execution of the project construction contract:
   a. Contact directly, and coordinate directly and fully with, Entergy as required:
      i. To determine all of the existing Entergy facilities which are in conflict with the planned project construction; and
      ii. To have Entergy completely disconnect, relocate, and reconnect all of the existing Entergy facilities which are in conflict with the planned project construction including, but not limited to, the existing, timber, power poles; the associated, existing, overhead, primary, power lines; etc.;
   b. In doing so, arrange the scheduling for such work with Entergy so that all such work will be completed before the commencement of the project construction, so as to accommodate such project construction; and
   c. Ascertain, from Entergy, the exact total amount of the charges (if any) which Entergy is required to be paid for such work, well in advance of the date on which such charges need to be paid to Entergy (verify), and then so advise the architect. As a clarification, the payment of such charges (if any) which Entergy is required to be paid for such work will be paid directly to Entergy by the owner.

4. The project electrical work shall be in strict accordance with the requirements of the latest editions of all applicable codes (including, but not limited to, NFPA 70: National Electrical Code; NFPA 70E: Standard for Electrical Safety in the Workplace, NFPA 99: Health Care Facilities Code [as relevant for the project Medical Areas], NFPA 101: Life Safety Code, all other applicable NFPA codes, the International Building Code, the International Fire Code, the International Energy Conservation Code (IECC), etc.), standards, and acts (including the Americans with Disabilities Act and the Architectural Barriers Act Accessibility Guidelines [ADA-ABA]), and with the requirements of all applicable governing authorities, particularly as noted for the various, project occupancies, and as relevant for the respectively-assigned, individual, project spaces. As a clarification, the project Medical Areas are classified as a health-care facility, as a business occupancy, and as an ambulatory health-care occupancy. The "patient care spaces" at and in the project Medical Areas are classified as "Basic Care (Category 3) Spaces".

5. Provide a permanent weatherproof placard at the proper location on the front of the enclosure of the dual-purpose, portable-generator and portable-load-bank, docking station (DPDS) which reads "THE NEUTRAL AND THE EQUIPMENT GROUND ARE BONDED TOGETHER WITHIN THIS ENCLOSURE. DO NOT BOND THE NEUTRAL AND THE EQUIPMENT GROUND OF A PORTABLE GENERATOR TOGETHER".

6. Verify the exact desired locations (including mounting heights) for ALL project outlet boxes in advance with the architect:
   a. IMPORTANT NOTE: Due to the limitations and constraints within the Revit 3D modeling software/platform accurately to show the locations of electrical outlet boxes while in 3D views, DO NOT UTILIZE any outlet box locations which shown within a 3D Revit model for the purpose of determining locations for installing any outlet boxes. Outlet box locations for all electrical devices shall be verified with the architect, without regard to any 3D Revit models, and prior to any such rough-in work being done.

7. At, in, and for the Medical Areas:
   a. Wiring in patient-care spaces shall comply with NFPA70:517.13(A) and (B). As a clarification, examining rooms, treatment rooms, therapy areas, recovery rooms, procedure rooms, patient corridors are also included;
   b. All branch circuits serving a patient-care spaces shall be provided with an effective ground-fault current path by installation in a metal raceway system. The metal raceway system shall be listed and identified for grounding and shall, itself, qualify as an equipment-grounding conductor, independent of the second component of this grounding method required by 517.13(B), in accordance with NFPA70:250.118. Submit to the state fire marshal's office, and to all other applicable governing authorities, for approval, complete information, as required by the state fire marshal's office, and as required by all other applicable governing authorities, particularly as noted for the various, project occupancies, and as relevant for the respectively-assigned, individual, project spaces. As a clarification, metal-clad and metal-sheathed cables are not allowed for this project, and shall not be provided, except that listed, flexible raceways and metal-sheathed-cable assemblies are allowed, and may be provided, for limited application only where used in listed fabricated medical headwalls or in listed office furnishings, and only where not subject to physical damage;
   c. In patient-care spaces, the grounding of all receptacles, metal boxes and enclosures containing receptacles, and non-current-carrying conductive surfaces of fixed electrical equipment shall conform to NFPA70:517.13. The grounding terminals of all receptacles, all metal outlet boxes, metal device boxes, and metal enclosures, and all non-current-carrying conductive surfaces of fixed electrical equipment likely to become energized which are subject to personal contact, operating at over 100 volts, shall be directly connected to an insulated, copper, equipment-grounding conductor that is clearly identified along its entire length by green insulation, that is sized in accordance with NFPA70:250.122, and that is installed with the branch-circuit conductors in the wiring methods which meet the requirements of 517.13(A). As a clarification:
      i. An insulated equipment-bonding jumper, which directly connects to the equipment-grounding conductor, may connect the box and the respective receptacle(s) to the equipment-grounding conductor;
      ii. Each metal faceplate may be connected to the respective equipment-grounding conductor by means of (a) metal screw(s) securing the faceplate to a grounded outlet box or grounded wiring device; and
      iii. Luminaires located more than 7'-6" above the floor, and switches located outside of the patient-care vicinity, may be connected to an equipment-grounding return path complying with 517.13(A) or (B);
   d. Equipment-grounding conductors and equipment-bonding jumpers shall be sized in accordance with 250.122;
   e. The equipment-grounding terminal buses of all branch-circuit panelboards serving the same individual patient care vicinity shall be connected together with an insulated, continuous, copper conductor not smaller than #10AWG (or the size which is respectively indicated on the drawings, whichever is larger), as per NFPA70:517.14. Such conductor may be broken in order to terminate on the equipment-grounding terminal bus in each panelboard;
   f. Receptacles in patient-care spaces, and all other receptacles which are so indicated on the drawings, shall be "hospital grade". The grounding terminal of each such receptacle shall be connected to an insulated, copper, equipment-grounding conductor which is sized in accordance with NFPA70:Table 250.122. Receptacles in all other project areas shall be "industrial-specification" ("high-commercial") grade;
   g. Receptacles which are located in patient rooms, bathrooms, activity rooms, etc. of pediatric areas, or spaces with similar risk as determined by the governing body of the facility (verify in advance), shall be listed tamper-resistant, or shall be equipped with a listed tamper-resistant cover;
   h. The project medical-equipment manual, which has been furnished by the owner and/or by the architects, and all associated equipment information (including the equipment schedules, details, elevations, sections, etc.), and all medical-equipment information which is included on the architectural drawings and in the architectural specifications, form an integral part of these project construction documents (drawings and specifications), particularly Division 26 0000, and contain project requirements which shall be followed the same as if such information was bound with the remainder of the project Division 26 0000 construction documents (drawings and specifications). Request and obtain, in advance, copies of such equipment and equipment-requirement information, and copies of all applicable architectural drawings, schedules, details, elevations, sections, etc.; thoroughly review, and take into consideration, all information which is contained therein and thereon including, but not limited to, all required power connections and circuiting, rough-in requirements, outlet boxes, junction boxes, raceways (conduits), interconnecting wiring, etc.; figure the project proposal accordingly; and construct the project in strict accordance with the information, parameters, and requirements which are contained therein and thereon. All references in such documents to work being "provided by customer" shall be interpreted to mean "provided by this (the project) contractor". In each instance where there is a conflict between the requirements of such documents and the requirements of the other portions of the Division 26 0000 documents (drawings and/or specifications), the more stringent requirements shall govern; however, if such conflict is not a matter of stringency, the requirements of such documents shall govern; and
   i. Reference, in detail, all relevant information which is contained on the architectural drawings and in the architectural specifications, and provide all electrical work (power connections, power circuiting, rough-ins, outlet boxes, junction boxes, raceways [conduits], interconnecting wiring, power outlets, data outlets, lighting fixtures, etc.) which are required therefor. As a clarification, such rough-in requirements are not necessarily indicated on the electrical drawings, and the locations which are indicated on the electrical drawings for such power connections are approximate; reference such details, elevations, sections, schedules, etc. for the exact, respectively-required locations.

8. The project food-service-equipment drawings (i.e., the "FS" sheets), which were prepared by Futch Design Associates, Inc.; 7948 Goodwood Boulevard; Baton Rouge, Louisiana 70806; phone: 225-923-1289; Attention: Mr. Greg Futch; email: greg@futchdesign.com; and all associated equipment information (including the equipment schedules, details, elevations, sections, etc.), and all food-service-equipment information which is included on the architectural drawings and in the architectural specifications, form an integral part of these project construction documents (drawings and specifications), particularly Division 26 0000, and contain project requirements which shall be followed the same as if such information was bound with the remainder of the project Division 26 0000 construction documents (drawings and specifications). Request and obtain, in advance, copies of such equipment and equipment-requirement information, and copies of all applicable architectural drawings, schedules, details, elevations, sections, etc.; thoroughly review, and take into consideration, all information which is contained therein and thereon including, but not limited to, all required power connections and circuiting, rough-in requirements, outlet boxes, junction boxes, raceways (conduits), interconnecting wiring, etc.; figure the project proposal accordingly; and construct the project in strict accordance with the information, parameters, and requirements which are contained therein and thereon. All references in such documents to work being "provided by customer" shall be interpreted to mean "provided by this (the project) contractor". In each instance where there is a conflict between the requirements of such documents and the requirements of the other portions of the Division 26 0000 documents (drawings and/or specifications), the more stringent requirements shall govern; however, if such conflict is not a matter of stringency, the requirements of such documents shall govern.

9. Interior Wiring-Device Cover Plates:
   a. Wiring devices (e.g., receptacles, switches, communication outlets, etc.) which are provided in dormitory areas and day rooms of housing units, and all other wiring devices which are designated on the drawings as "security-type" devices, shall be vandalproof, and shall be provided with cast-metal outlet boxes and with "security wall plates" (with tamperproof screws). Such wiring devices, outlet boxes, and cover plates shall be approved by the architect before the preparation of the respective shop drawings, and before being ordered;
   b. Each such "security wall plate":
      i. Shall be of one-piece, injection-molded, high-strength, polycarbonate/nylon-blend construction which has a high-impact and high-abuse resistance and is virtually unbreakable;
      ii. Shall be smudge resistant, 100% rust proof, and extremely durable;
      iii. Shall be able to be attached to any surface when installed with its included hardware;
      iv. Shall be oversized so as to accommodate its mounting directly to any wall type, and to allow for J-box-opening and mounting-surface imperfections;
      v. Shall be equipped with protective side-impact lips;
      vi. Shall include a tamperproof fastening system;
      vii. Shall have smooth, rounded corners;
      viii. Shall be manufactured in the USA to the ISO Quality Standard; and
      ix. Shall be CORTECH "Tiger Plate" Series "TP", or approved equivalent'
   c. Interior wiring-device (e.g., receptacle, switch, communication-outlet, etc.) cover plates for other project areas (i.e., non-secure areas) shall be super stainless steel, Type 302. Figure the project proposal with the assumption that the project wiring-device cover plates will indeed be super stainless steel, Type 302 but, before preparing the project shop drawings and before ordering the project wiring-device cover plates, verify with the architect whether or not super stainless steel, Type 302, cover plates are indeed desired for the project. If so, provide super stainless steel, Type 302, cover plates; if not, provide flexible nylon or polycarbonate (and expressly not phenolic plastic) cover plates;
   d. The colors of interior, wiring-device, cover plates, if not stainless-steel, Type 302, shall be as respectively selected by the architect;
   e. The cover plates for all project receptacles shall be adequately and substantially marked (utilizing a method which is approved by the owner in advance; verify) as required to indicate the respective panelboards and circuit numbers which supply them; and
   f. The cover plates for all project receptacles shall be marked as required to indicate the respective panelboards and circuit numbers which supply them.

10. For each feeder metal raceway which qualifies as an equipment-grounding conductor in accordance with NFPA70:250.118, the grounding of enclosures and equipment, such as the three (3) automatic transfer switches (i.e., ATS-1, ATS-2, and ATS-3); the dual-purpose, temporary-generator and portable-load-bank, docking station (DPDS); the panelboards; the switchboards; the transformers; etc., shall be ensured by one (1) of the following bonding means at each termination or junction point of the metal raceway:
    a. A grounding bushing and a continuous, copper, bonding jumper, which is sized in accordance with NFPA70:250.122, with the bonding jumper connected to the junction enclosure or to the ground bus of the respective ATS, panelboard, switchboard, transformer, etc. (as applicable);
    b. Connection of the feeder metal raceway to a threaded hub or boss on terminating enclosures; or
    c. Other approved devices, such as bonding-type locknuts or bushings. Standard locknuts shall not be used for bonding.

11. Provide ground-fault protection of equipment at, and for operation of, the "utility" service, main, disconnecting means (i.e., the main, service-entrance-rated, main, enclosed, circuit breaker [MECB]), in accordance with NFPA 70:230.95, and provide an additional step of ground-fault protection of equipment in all next level, feeder, disconnecting means of Main ("Normal-Power") Switchboard "MSB", i.e., downstream toward the load, in accordance with NFPA 70:215.10. Each such protection shall consist of overcurrent devices and current transformers, or other equivalent protective equipment, which will cause the respective ground-fault circuit interrupters to open. All such disconnecting means shall be provided with the proper selectivity. Unless indicated otherwise on the drawings or in the specifications, factory set the "utility" service, main, disconnecting-means of the service-entrance-rated, main, enclosed, circuit breaker (MECB) ground-fault protection at 1100 amperes, and factory set the associated time delay at 0.75 second for ground-fault currents which are equal to, or greater than, 3000 amperes; and factory set each of the next level, Main ("Normal-Power") Switchboard "MSB", i.e., downstream toward the load, ground-fault protections at lower levels, as required to realize such selectivity but as required to render proper protection.

12. As a clarification, the ground-fault protection of equipment which is stipulated above for the service-entrance-rated, main, enclosed, circuit breaker (MECB), shall not be provided at and for the main, output (main-line), circuit breaker of each of the project, emergency, engine-generator sets ("gensets"), but provide, instead, ground-fault monitoring, indication, and alarm for each such genset, main, output (main-line), circuit breaker, in accordance with NFPA 70:700.6(D), 700.31, 701.6(D), and 701.26(D). Factory calibrate such monitoring, indication, and alarm of such main, output (main-line), circuit breaker of each of the project, gensets so as to be similar to the settings of the ground-fault trip settings that are provided, in the architectural sections, and in the architectural details on the architectural drawings (verify in advance).

13. The equipment-grounding conductor for special-purpose receptacles, such as the operation of mobile X-ray equipment, shall be extended to the reference grounding points of branch circuits for all locations likely to be served from such receptacles.

14. As per NFPA101:8.3.5, penetrations through rated construction shall be sealed by approved firestop systems or devices which are tested in accordance with ASTM E-814 or ANSI/UL 1479 or by assemblies or firestopping materials that are capable of preventing the passage of flames and hot gasses when tested and rated in accordance with NFPA 251 (this requirement shall apply to electrical outlets, light switches, etc.). Detailed instructive cut sheets of the fire penetration sealing system which is used shall be furnished to the inspector at the time of the inspection. Random selective sampling shall be furnished by the contractor for observation by the inspector, upon the inspector's command.

15. As per NFPA101:8.3.5.6.3, electrical outlet boxes which are located on opposite sides of any fire-rated wall shall be separated by not less than 24" horizontally, and the required openings shall not exceed a total of 100 square inches per 100 square feet of wall area.

16. As part of Division 26 0000 of the project, prepare project drawings, in an electronic format and in a version which are approved by the architect (verify in advance), that depict all portions of the above-ceiling project construction (including architectural, structural, mechanical, electrical, etc.) in complete coordination (without any conflicts), as proposed to be constructed, and submit such electronic version of such drawings to the architect for acceptance and approval in advance of the commencement of any project construction.

17. This contractor shall verify and coordinate with the project mechanical, plumbing, and fire-suppression drawings the exact respective quantities, locations, configurations, and electrical characteristics of, and the exact respective electrical requirements for, all project mechanical, plumbing, and fire-suppression equipment, prior to making the project proposal and again prior to commencing any electrical rough-ins which are relative thereto.

18. For all project exhaust and supply fans, coordinate in advance with the project mechanical engineer and/or mechanical subcontractor for the exact method of control for each project exhaust and supply fan, define the exact division of work (among all project subcontractors) relative thereto (including all required materials, methods, and labor), and perform all such required work based upon such coordination.

19. With the first set of project shop drawings which is submitted for review, submit for review a scaled drawing of each project, interior-and-exterior, electrical-equipment space illustrating the exact proposed equipment layout, using the dimensions of the actual equipment which is being provided, and obtain the approval for such layout from the architect before ordering any of the equipment. In laying out such spaces, strictly conform to the requirements of all applicable codes and governing authorities, particularly to the requirements for working space, clearances, guarding, and warning signs of Article 110 of the National Electrical Code.

20. As per NFPA101:7.1.3.2(10), electrical conduits shall not penetrate (including penetrations into, and openings through) the enclosure walls of any exit enclosure assembly unless each such conduit is directly serving devices within the respective exit enclosure.

21. Where so indicated on the drawings or not, provide either the main fire-alarm panel or a satellite fire-alarm panel in and for each project building. Verify the desired exact location for each such fire-alarm panel in advance with the architect, and locate it accordingly.

22. As per NFPA 72:10.5.5., the primary power-supply connections for the project fire alarm, monitoring, and control system shall be via dedicated branch circuits. The locations of each of such dedicated-branch-circuit disconnection means shall be permanently identified at the respective fire alarm, monitoring, and control system control unit, and each such disconnecting means shall be identified as "FIRE ALARM CIRCUIT" and shall have a red marking. Such dedicated branch circuits and connections shall be protected against physical damage. Such circuit disconnecting means shall be accessible only to authorized personnel.

23. As a clarification, install all interconnecting wiring for the fire alarm, monitoring, and control system in raceways which are dedicated for such wiring (i.e., so as to be separate from all other wiring); as per the project owner's mandate, fire alarm, monitoring, and control system wiring, cabling, etc. which is not enclosed in raceways is unacceptable, and shall not be provided

24. Whether indicated on the drawings or referenced in the specifications, or not, provide all required connections, and associated circuiting, etc., at and for the emergency, electrical, power-generation system, and at and to the fire alarm, control, and monitoring system, as required for the emergency, electrical, power-generation system to be properly monitored by the fire alarm, control, and monitoring system, in strict accordance with the requirements of all applicable codes and governing authorities.

25. As a clarification, all electrical work (power connections, power circuiting, rough-ins, outlet boxes, junction boxes, raceways [conduits], interconnecting wiring, etc.) which is associated with, and required for, project equipment of any kind shall be provided, under Division 26 0000, even if the respective equipment is not furnished. Verify all parameters and requirements in advance, and provide accordingly.

26. General Electrical Notes which are relevant to accommodations for the electronic safety-and-security systems and equipment (all of which are referenced herein below as "the systems"):
    a. Provide, under Division 28 0000 of the project, all labor, material, and equipment, and all other items of work, which are required for the rough-ins and power connections/circuiting for the systems. Verify all parameters and requirements in advance, and provide accordingly;
    b. As a clarification, the project work which is described in the Division 28 0000 specifications and/or which is indicated on the Division 28 0000 electrical drawings; the project work which is described for the systems in the specifications and/or indicated on the drawings of other project divisions that have been prepared by other project design consultants; and the relevant project work which is described in the architectural specifications and/or indicated on the project architectural drawings, is intended to be, and shall be, complementary and complete. Coordinate fully with the project general contractor, and with the subcontractors for the other project divisions (i.e., other than Divisions 26 0000, 27 0000, and 28 0000), before making the project proposal and during project construction, as necessary to ensure that all required project work will indeed be provided. Verify all parameters and requirements in advance, and provide accordingly;
    c. In each instance where there is a conflict between and/or among the requirements of the Project Divisions 26 0000, 27 0000, and 28 0000 documents (i.e., drawings and specifications); the requirements of the documents (i.e., drawings and specifications) of other project divisions; and/or the requirements of the documents (i.e., drawings and specifications) of the project architectural divisions, the more stringent requirements shall govern; however, if the conflict is not a matter of stringency, the requirements of the documents (i.e., drawings and specifications) of the project architectural divisions and the requirements of the documents (i.e., drawings and specifications) of the project architectural divisions shall govern. Bring all conflicts to the immediate attention of the architect for resolution;
    d. Reference the project, electronic safety-and-security-systems-and-equipment divisions, including all of the Security Electronics Drawings (i.e., the "SE" Sheets), and reference the architectural specifications and drawings, for required and power-connection requirements, including, but not limited to, the respective quantities, descriptions, and locations for required backboxes (outlet boxes, junction boxes, etc.); the respective quantities, sizes, and routing for raceways (conduits, etc.) and pull wires; the respective raceway (conduit) stub-up locations; the respective, data outlets (weatherproof for exterior locations), jacks (weatherproof for exterior locations), and station cables (outdoor-rated for exterior locations), etc.; the required power connections; etc., as well as other aspects of, and requirements for, such accommodations, and provide all such project work accordingly;
    e. Such Division 28 0000 work shall include, but not necessarily be limited to, the provision of the following, which are associated with the project, electronic, safety-and-security, systems and equipment :
       i. Raceways (conduits), raceway (conduit) innerducts, raceway (conduit) sleeves, pull wires, backboxes (outlet boxes, junction boxes, etc.),
       ii. Data outlets (weatherproof for exterior locations), jacks (weatherproof for exterior locations), station cables (outdoor-rated for exterior locations), etc.;
       iii. Grounding and bonding at and for the backboards and raceways, and the respective equipment rooms, including ground bus bars, etc.;
       iv. All required, properly-rated, sealing, firestopping (for penetrations through fire barriers), smokestopping (for penetrations through smoke barriers), etc., including such required firestopping and smokestopping at and for wall penetrations for raceways, etc.; and
       v. The required power connections, circuiting, etc.;
    f. Coordinate the locations, and mounting requirements for all system equipment and devices with the system suppliers, subcontractors, etc., and with the reflected ceiling plans, the lighting layouts, and all other project equipment, materials, and locations, as respectively required;
    g. Reference the Security Electronics Drawings (i.e., the "SE" Sheets) for the respective backbox (outlet-box, junction-box), outlet box, and data outlet requirements and locations, conduit-size requirements, power-connection locations, etc., and all other rough-in requirements;
    h. Particularly reference the Security Electronics Drawings (i.e., the "SE" Sheets) for the locations of the project, surveillance cameras, and provide all required power connections/circuiting and rough-ins accordingly; and
    i. Each surveillance-camera signal cable which is longer than 320 feet shall be a multi-mode (or single-mode, as respectively required for the exact application) cable (outdoor-rated for exterior cameras) which is rated and appropriate for the exact application, with the proper copper-to-fiber or fiber-to-copper (as appropriate), signal-conversion equipment (outdoor-rated at and for exterior camera locations) at each end of such cable.

27. Relative to cable-television outlets, coordinate the respective, exact, device locations with the television-bracket/mounting locations, and install the outlets adjacent to the respective power and TV-data outlets, as indicated on the respective architectural floor plans, in the architectural sections, and in the architectural details on the architectural drawings (verify in advance).

28. The drawings are schematic in nature and devices are not drawn to scale (for the sake of clarity). Coordinate the respective exact routing for all services with all applicable trades.

29. Conduits shall have a maximum fill ratio of forty percent (40%).

30. In executing the project work, comply fully with the requirements of all applicable local codes and ordinances, of the National Board of Fire Underwriters, and of the National Electrical Code.

31. Carefully examine the site and premises as required to determine the extent of the project work and the conditions under which such work shall be performed. If there are questions regarding the project and/or the project work, obtain clarifications from the architect before proceeding with the work in question, or with any related work.

32. Bring all discrepancies between the project requirements and the actual field conditions, and all conflicts between the project drawings and the project specifications, to the immediate attention of the architect for resolution.

33. Perform all project work in a thorough and professional manner, accordingly to industry and manufacturers' standards. The project work will be subject to inspection and acceptance. Work which is deemed to be substandard shall be replaced or repaired (as respectively applicable) at no additional cost to the owner.

34. Properly firestop, using an approved firestopping compound, and in accordance with local and national codes, all cores which are utilized for the placement of communication cabling, conduits, etc.

35. Descriptions and representations of the required, outside-plant, cable pathways are approximate and schematic in nature. Verify all pertinent conditions, requirements, and locations with the respective utility companies prior to commencing any such project work, and provide such work accordingly.

36. For all receptacles, communication (voice, data, cable-television) outlets, etc. which are shown on these electrical drawings, or other project drawings, at approximately the same locations, install such receptacles, outlets, etc. in neat and orderly groupings consisting of horizontally and/or vertically aligned patterns. Coordinate all such outlet box groupings in advance and obtain clarification, as required, for all such locations at which orderly alignments cannot be easily determined.

37. Coordinate the locations and mounting requirements for all ceiling-mounted devices and all above-ceiling-mounted devices with the reflected ceiling plans, with the lighting layouts, and with all other ceiling-mounted equipment and above-ceiling-mounted equipment.

38. Relative to devices which are mounted in, or adjacent to, casework, prior to roughing in, coordinate the respective, exact, device locations, backbox requirements, and conduit requirements with the architectural casework details, elevations, sections, schedules, etc. on the architectural drawings. Coordinate with the casework shop drawings for cabling-pathway and rough-in requirements.

39. The drawings are schematic in nature and devices are not drawn to scale (for the sake of clarity). This contractor is responsible for coordinating the respective exact routing for all services with all applicable trades.

40. The conductors for certain project circuits (both feeders and branch circuits) have been upsized as required to mitigate voltage drop which would otherwise result from the respective circuit lengths. Provide the proper (and upsized) lug sizes and ratings as required to accommodate the respective conductor sizes. Be advised that, in some cases, such might require that upsized circuit-breaker frame sizes, as compared to the respectively-required, circuit-breaker-trip ratings (settings), be provided, and that such might require that panelboards having upsized lugs, as compared to the otherwise required lug sizes based on ampere ratings, be provided. Also, in each case where upsized conductors are required, but the respective device connectors cannot be upsized as required to accommodate such upsized conductors (e.g., at wiring devices, at branch circuit breakers, etc.), provide such upsized conductors for the maximum circuit length which is practicable (so as to mitigate voltage drop to the maximum extent which is practicable), and then reduce the conductor size, as close as is practicable to the ends of the circuit (e.g., within junction boxes, within safety switch enclosures, within panelboard enclosures, etc., as applicable), so as to be accommodated by the respective device connectors. Verify all parameters and requirements in advance and provide accordingly.

41. Not all electrical conduit routing is shown. All routing shall be coordinated with as-built field conditions, and shall be the responsibility of the contractor, where and as approved in advance by the architect.

42. In order to mitigate any above-ceiling conflicts and obstructions, prior to the installation of any project electrical raceways, mechanical ductwork, plumbing piping, structural steel members, etc., coordinate fully with the general contractor, the mechanical subcontractor, the plumbing subcontractor, etc. for the routing of all electrical raceways and the locations for all lighting fixtures in relation to the work of all other disciplines. Bring all conflicts to the attention of the architect as early as possible for resolution.

43. In order to mitigate any underground utility conflicts and obstructions, prior to the commencement of any project site work, coordinate fully with the general contractor, as well as with all other disciplines, all underground work including (but not necessarily limited to) utility service tie-ins, conduits, feeders, pull boxes, connections, concrete foundations, piling, piping, drains, manholes, pavement, equipment, metering, etc. Bring all conflicts to the attention of the architect as early as possible for resolution.

44. Obtain advanced approval from the architect for the exact routing for all raceways and for the exact locations for the respective raceway penetrations.

45. Whether indicated on the drawings or not, provide a GFI-type (GFCI-type) circuit breaker for all 20-amp receptacles which are being used to provide power for electric water coolers and vending machines. Verify all such receptacles in advance.

46. Whether indicated on the drawings or not, provide a GFI-type (GFCI-type) receptacle for all 20-amp receptacles which are located within 6'-0" of any water source, regardless of the loads being connected. Verify all such receptacles in advance.

47. Review all project architectural details for the project (including all details which are released by addendum, change order, etc.) for impact and instruction relative to associated electrical work, coordinate with all other disciplines, and provide all required work accordingly.

48. Provide (a) complete and functioning, facility, lightning-protection system(s) which is/are in strict accordance with the requirements of all applicable codes and governing authorities, and which is/are in strict accordance with all applicable standards. Connect such project lightning-protection system(s) for proper grounding to the project, underground, ground ring, in strict accordance with the requirements of all applicable codes and governing authorities, and in strict accordance with all instructions, recommendations, details, etc. of the project lightning-protection-system subcontractor/vendor. Request and obtain all required information directly from such lightning-protection-system's(s') subcontractor/vendor in advance, and provide the project lightning-protection system(s) accordingly. Reference the specifications.

49. Reference the architectural drawings, details, etc. for all door operators, etc. and provide all required, associated, smoke detectors, door hold-open devices, door closers, control relays, connections to the fire-alarm system, etc., whether so indicated on the electrical drawings, or not.

50. Reference the architectural drawings, details, etc. for all smoke doors, etc. and provide all required, associated, smoke detectors, door hold-open devices, door closers, control relays, connections to the fire-alarm system, etc., whether so indicated on the electrical drawings, or not.

51. Reference the architectural interior elevations for the proper heights (above finished floor) for all pendant-mounted lighting fixtures.

52. Reference the architectural drawings, details, etc. and the mechanical drawings, details, etc. for all smoke dampers, and provide all required, associated, smoke detectors, control relays, connections to the fire-alarm system, electrical power connections, etc., whether so indicated on the electrical drawings, or not.

53. Reference the architectural drawings, details, etc. for all motor-operated doors, and provide all required, associated, electrical power connections, etc., whether so indicated on the electrical drawings, or not.

54. Reference all applicable architectural elevations, details, etc. for the respective heights (above finished floor) for all "special height" outlets.

55. Connect all electrified smoke barriers so that, upon activation of the fire-alarm system, such barriers will close, via the respective, releasing, control relays and the appropriate electrical power connections, which shall be provided, whether so indicated on the drawings or not; verify all parameters and requirements in advance, and provide accordingly.

56. Connect all security doors (security gates) which are located in corridors and in other locations (verify such locations in advance) so that, upon activation of the fire-alarm system, and after the allowable (by code and fire-marshal mandates; verify in advance) time delays which are designated by the user agency (i.e., the facility management) and programmed into the fire-alarm system have occurred, all such security doors (security gates) will open, via the respective, control relays and the appropriate electrical power connections, which shall be provided, whether so indicated on the drawings or not; verify all parameters and requirements in advance, and provide accordingly.

57. Provide the required interconnecting wiring (raceway[s] and electrical signal cable[s]) between the proper auxiliary contacts at the three (3) ATS's (i.e., ATS-1, ATS-2, and ATS-3) and the project HVAC energy-management system, and make the proper terminations and connections, where and as required to signal to the project, HVAC, energy-management system the position (i.e., either the "normal" position or the "emergency" position) of each of the ATS's, all as stipulated by the project HVAC energy-management vendor/subcontractor (verify all parameters and requirements in advance, and provide accordingly).

58. Whether shown on these electrical drawings or not, reference the project mechanical, plumbing, and fire-suppression drawings (all 60 [or 70] plan drawings, equipment schedules, notes, etc.) and provide all required electrical power connections, all required rough-ins/conduits (verify exact routing in advance), and all required fire-alarm-system, interconnections/devices, as described thereon. Coordinate all associated work in advance with each respective subcontractor. Verify all parameters and requirements in advance and provide all required work accordingly.

59. Whether shown on these electrical drawings or not, reference the project civil engineering drawings (all site plan drawings, equipment schedules, notes, etc.) and provide all required, electrical, power connections; all required, rough-ins/conduits (verify exact routing in advance); and all required, fire-alarm-system, interconnections/devices, as described thereon. Coordinate all associated work in advance with each respective subcontractor. Verify all parameters and requirements in advance and provide all required work accordingly.

60. Provide the natural-gas-fueled, emergency-electrical-power-generation system (alternate-source-power-generation system) which is described in the electrical specifications and indicated on the electrical drawings.

61. Verify in advance with the mechanical, plumbing, civil, security, and food service subcontractors (etc.) the exact desired locations for all safety (disconnect) switches which are respectively associated with each such project division. Coordinate in advance with all project subcontractors regarding party responsibility of furnishing all safety (disconnect) switches which are associated with their respective equipment, and provide accordingly.

1 GENERAL ELECTRICAL NOTES
No Scale

Grace Design Studios

STATE OF LOUISIANA
DANIEL NESBIT, JR
License No. 15212
REGIONAL ENGINEER
IN
ELECTRICAL &
CONTROL SYSTEMS
ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-201-9266 Fax 225-291-9268
Email: danesbit@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT. GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL NOTES

SHEET NUMBER
E502

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 1:00:09 PM

REFERENCED ELECTRICAL NOTES:

1. Desired location for the new Entergy-owned, main-electrical-service, timber, power pole with new overhead main transformer bank. Coordinate exact location, parameters, and requirements in advance with Entergy. See the "Electrical Riser Diagram", and the electrical specifications.

2. Provide an underground, pull box (of the size required) at the half-way point in this main, incoming, service-primary conduit run. Coordinate all work in advance with Entergy, conform to all associated Entergy, incoming-service, design standards, and provide all required work accordingly.

3. Approximate location (verify exact location in advance) of the nearest, existing, timber, utility pole containing telecommunications, service-distribution infrastructure. Contact directly with the telecommunications services providers, coordinate services tie-in requirements, and provide all required work accordingly. See electrical specifications for more information.

4. Locate as required for dental chair water control valve power (verify exact location in advance). Verify exact connection type (i.e. hardwired with disconnect switch, or duplex receptacle) in advance with the equipment manufacturer and provide accordingly. Obtain installation instructions from the equipment manufacturer in advance and provide all required work as described therein. Coordinate work in advance with the plumbing subcontractor. Verify all parameters and requirements in advance and provide all required work accordingly.

5. Locate as required for dental equipment air compressor power (verify exact location in advance). Verify exact connection type (i.e. hardwired with disconnect switch, or duplex receptacle) in advance with the equipment manufacturer and provide accordingly. Obtain installation instructions from the equipment manufacturer in advance and provide all required work as described therein. Coordinate work in advance with the plumbing subcontractor. Verify all parameters and requirements in advance and provide all required work accordingly.

6. Locate as required for dental workstation/chair (verify exact location in advance with the architect). Verify exact electrical requirements in advance with the dental equipment manufacturer. Verify exact routing of conduit in advance with the architect.

7. Locate as required for Vehicular Sally Port sliding vehicular gate motor/controller power. Verify exact location in advance with the architect. Obtain installation instructions from the equipment manufacturer and provide all required work described therein. Reference the security electronics consultant documents for all associated scope (rough-ins, power connections, etc.). Verify all parameters and requirements in advance and provide accordingly.

8. Reference the food service consultant drawings for all walk-in cooler/freezer conduit requirements and for all enclosure penetrations requirements; and provide all work described therein.

9. Prior to energizing the UDS, thoroughly inspect it for any and all loose connections which may have been caused by shipping and tighten all such connections accordingly. In addition, interconnect the electrical field joint of the UDS by bolting the bus bars and/or cable bus wiring together; and connect all flex conduit with leads and/or cord/plug assemblies (furnished by food service equipment supplier/installer) to cooking equipment where and as required (verify in advance). Obtain UDS manufacturer's installation instructions and provide all Division 26 work described therein. Reference the food service consultant drawings and specifications relative to all UDS electrical requirements and provide all associated work accordingly.

10. Locate as required for Walk-In Cooler/Freezer integral lighting fixtures (verify exact location in advance. See Referenced Electrical Note No. 8.

11. Approximately here (verify exact desired location in advance with the architect), install and connect the air door, wall-mounted, micro-switch as per the manufacturer's instructions (verify in advance. As a clarification, the micro-switch shall be furnished as part of the food service equipment package, but shall be installed and connected by the electrical subcontractor. Obtain the installation instructions from the manufacturer in advance and provide all required work accordingly.

12. Disposer control panel shall be provided by the food service equipment subcontractor as part of the food service equipment package. Electrical subcontractor shall provide all conduit and interconnecting wiring between the control panel, the means of disconnect, and the disposer. Extend wiring from disposer control panel to solenoid valve installed on the water line. Verify in advance if the control panel has an integral means of disconnect, and if not, provide a properly-sized and rated, wall-mounted, disconnect (safety) switch as required (verify) in the location stipulated by the architect. Coordinate all such work in advance with the equipment supplier/subcontractor. Obtain installation instructions in advance from the manufacturer and provide all required work described therein. Reference the food service consultant's drawings and provide all required work shown. Verify all parameters and requirements in advance and provide all required work accordingly.

13. Provide 1/2", 4#12 for (120-volt) controls from the ventilator control panel mounted on the utility distribution system to the magnetic starters of the exhaust and supply fans (verify all parameters and requirements in advance, and provide accordingly).

14. Provide 1/2", 3#12 for (120-volt) controls from the terminal block of the fire-extinguishing system to the fire system interface of the ventilator control panel. In the event of a fire condition, the exhaust fans shall be activated and the supply fans shall be de-activated (verify all parameters and requirements in advance, and provide accordingly).

15. Provide all interlock wiring for the exhaust and supply fans required for maintaining the proper air balance in the kitchen (verify all parameters and requirements in advance, and provide accordingly).

16. Provide 1/2", 4#12 for (120-volt) controls from the hood control panel mounted on the end of the riser of the utility distribution system to the magnetic starters of the exhaust and supply fans (verify all parameters and requirements in advance, and provide accordingly).

17. Provide 1/2", 3#12 from the pre-wired lighting control switch mounted on the end riser of the utility distribution system to the two (2) junction boxes located on top of the exhaust ventilator as required for the pre-wired ventilator lighting fixtures (verify the exact locations in advance).

18. Provide the quantity of required UL-listed cord-and-plug assemblies to and for all cooking equipment located underneath the UDS, as shown on the food service consultant project drawings (verify all parameters and requirements in advance, and provide accordingly). Reference the food service consultant drawings and provide accordingly.

19. Provide 1" conduit, to accommodate control wiring (likely to be six (6) 4-pair #22AWG; verify and provide accordingly) between Remote Refrigeration System (Item #8) and its respectively-associated coil(s) and drain line heater(s). Verify exact size and ratings in advance.

20. Connect branch circuit at this floor-mounted outlet box up to the two (2) built-in,120-volt, 20A, duplex receptacles which shall come built into the backsplash of the food preparation counter from the manufacturer. Coordinate all associated work in advance with the food service equipment supplier/installer and provide all required work accordingly.

21. Connect branch circuit at this floor-mounted outlet box up to the built-in,120-volt, 20A, duplex receptacle which shall come built into the backsplash of the food preparation counter from the manufacturer, and which is designated for the food slicer. Coordinate all associated work in advance with the food service equipment supplier/installer and provide all required work accordingly.

22. Locate as required for motorized, roll-up, security door/grille. Verify exact location(s) (including mounting heights) in advance with the architect and food service equipment supplier/installer. Verify exact electrical requirements and obtain installation instructions in advance with the food service equipment supplier/installer, and provide all required electrical work as described therein. Verify all parameters and requirements in advance and provide all required electrical work (and rough-ins) accordingly.

23. Install all food service equipment cord & plug assemblies which shall be furnished with (and a part of) the food service equipment package. Coordinate all associated work in advance with the food service equipment supplier/installer and provide all required work accordingly.

24. Provide main service feeders and overload protection devices for continuous operating load of Utility Distribution System (UDS). Loads (including reserve power) indicated on Food Service ("FS") drawings are calculated at and/or exceed 125% of continuous operating load of equipment. Coordinate all such work in advance with the equipment supplier/subcontractor. Obtain installation instructions in advance from the manufacturer and provide all required work described therein. Reference the food service consultant's drawings and provide all required work shown. Verify all parameters and requirements in advance and provide all required work accordingly.

25. Verify exact locations of the variable frequency drives for WEF-1 and WSF-1 in advance with the mechanical subcontractor. Provide all interconnections between the respective pieces of equipment as required. Verify all parameters and requirements in advance and provide all required work accordingly.

26. Locate as required for "HVAC Temperature Controls" (verify exact location in advance with the mechanical subcontractor). Verify electrical requirements in advance with the mechanical subcontractor and/or equipment manufacturer. Reference the mechanical drawings.

27. Provide a weatherproof ("while-in-use"), duplex receptacle, mounted at 12" above finished roof (floor), on a proper, stainless-steel, support structure (submit such support method with project shop drawings for approval) approximately here (verify exact desired location in advance). Connect for power to the 120V, 20A branch circuit which is shown. Coordinate all roof penetrations in advance with the architect and as per the architect's instructions. Conform to all applicable architectural details.

28. Coordinate in advance with the mechanical subcontractor for the interconnection of WEF-1 with WSF-1 and provide all required work accordingly.

29. Coordinate in advance with the mechanical subcontractor for the interconnection of KEF-1 with KSF-1 and provide all required work accordingly.

30. Coordinate in advance with the mechanical subcontractor for the interconnection of KEF-2 with KSF-2 and provide all required work accordingly.

31. Locate as required for "DAIKIN Intelligent Touch Manager Advanced Multi-Zone Controller For Heat Pump Systems" (verify exact location in advance with the mechanical subcontractor). Verify electrical requirements in advance with the mechanical subcontractor and/or equipment manufacturer. Reference the mechanical drawings.

32. Locate as required for domestic cold water Remote Control Valve. Verify exact location (including mounting height) in advance with the plumbing subcontractor and with the architect. Coordinate all associated work in advance with the plumbing subcontractor and provide all work as required accordingly.

33. As required to facilitate the installation of the smartboard, audio/video, signal/control cabling, provide between these two recessed outlet boxes (in the same room) a 1-1/4" empty conduit (with pull wire). Verify exact desired routing of conduit in advance with the architect.

34. MILLER 200V, Single-Phase, 85A Input, Shopmaster CC/CV AC/DC Welder. Provide, at the proper location (verify in advance) a 100-amp, 208V, single-phase, 2P + G, poly, switch-rated (which also acts as a disconnecting means), welding (female) receptacle, MELTRIC #33-64232-C-K16, or approved equivalent, and an accompanying, poly angle with metallic box having a 1" NPT, MELTRIC #714C3N10, or approved equivalent. Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, welding-equipment, power cord (of sufficient length as required to accommodate the moving of the welder for maintenance, cleaning, etc.), having 2#4 & 1#6EG conductors, which is equipped with a MELTRIC, or approved equivalent, (male) plug that matches, and mates with, such welding receptacle, and connect such cord to such welder in strict accordance with the welder manufacturer's instructions (verify in advance).

35. MILLER Millermatic 300 Welder. Connect such welder's input-jumper links, in strict accordance with the welder manufacturer's instructions (verify in advance) where and as required for a 460V, 3-phase, input-voltage rating (which should render approximately a 23.5A input-current rating; verify such from the equipment nameplate in advance, and bring all conflicts to the immediate attention of the architect for resolution). Provide, at the proper location (verify in advance) a 30-amp, 480V, 3-phase, 3P + G, poly, switch-rated (which also acts as a disconnecting means), welding (female) receptacle, MELTRIC #33-34043, or approved equivalent, and an accompanying, poly angle with metallic box having a 3/4" NPT, MELTRIC #713C3N07, or approved equivalent. Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, welding-equipment, power cord (of sufficient length as required to accommodate the moving of the welder for maintenance, cleaning, etc.), having 3#10 & 1#10EG conductors, which is equipped with a MELTRIC, or approved equivalent, (male) plug that matches, and mates with, such welding receptacle, and connect such cord to such welder in strict accordance with the welder manufacturer's instructions (verify in advance).

36. MILLER 200V, Single-Phase, 50A Input, Millermatic 250 Welder. Provide, at the proper location (verify in advance) a 60-amp, 208V, single-phase, 2P + G, poly, switch-rated (which also acts as a disconnecting means), welding (female) receptacle, MELTRIC #33-64162, or approved equivalent, and an accompanying, poly angle with metallic box having a 1" NPT, MELTRIC #714C3N10, or approved equivalent. Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, welding-equipment, power cord (of sufficient length as required to accommodate the moving of the welder for maintenance, cleaning, etc.), having 2#8 & 1#8EG conductors, which is equipped with a MELTRIC, or approved equivalent, (male) plug that matches, and mates with, such welding receptacle, and connect such cord to such welder in strict accordance with the welder manufacturer's instructions (verify in advance).

37. MILLER 200-208V, Single-Phase, 54A Input, Syncrowave 200 TIG Welder. Provide, at the proper location (verify in advance) a 60-amp, 208V, single-phase, 2P + G, poly, switch-rated (which also acts as a disconnecting means), welding (female) receptacle, MELTRIC #33-64162, or approved equivalent, and an accompanying, poly angle with metallic box having a 1" NPT, MELTRIC #714C3N10, or approved equivalent. Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, welding-equipment, power cord (of sufficient length as required to accommodate the moving of the welder for maintenance, cleaning, etc.), having 2#6 & 1#8EG conductors, which is equipped with a MELTRIC, or approved equivalent, (male) plug that matches, and mates with, such welding receptacle, and connect such cord to such welder in strict accordance with the welder manufacturer's instructions (verify in advance).

38. MILLER Dimension 302 Welder. Connect such welder's input-jumper links, in strict accordance with the welder manufacturer's instructions (verify in advance) where and as required for a 460V, 3-phase, input-voltage rating (which should render a 25A or 30A, input-current rating; verify such from the equipment nameplate in advance, and bring all conflicts to the immediate attention of the architect for resolution). Provide, at the proper location (verify in advance) a 30-amp, 480V, 3-phase, 3P + G, poly, switch-rated (which also acts as a disconnecting means), welding (female) receptacle, MELTRIC #33-34043, or approved equivalent, and an accompanying, poly angle with metallic box having a 3/4" NPT, MELTRIC #713C3N07, or approved equivalent. Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, welding-equipment, power cord (of sufficient length as required to accommodate the moving of the welder for maintenance, cleaning, etc.), having 3#10 & 1#10EG conductors, which is equipped with a MELTRIC, or approved equivalent, (male) plug that matches, and mates with, such welding receptacle, and connect such cord to such welder in strict accordance with the welder manufacturer's instructions (verify in advance).

39. BALDOR 102-IWD Grinder/Buffer. Connect such grinder/buffer, in strict accordance with the grinder/buffer's manufacturer's instructions (verify in advance) where and as required for a 115V, single-phase, input-voltage rating (which should render a maximum full-load-current rating of 5.4FLA; verify such from the equipment nameplate in advance, and bring all conflicts to the immediate attention of the architect for resolution). Provide, at the proper location (verify in advance) a 20-amp, 125V, 3-wire-grounding-type, NEMA 5-20R, simplex receptacle (in the proper, surface-mounted, outlet box). Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, equipment, power cord (of sufficient length as required to accommodate the moving of the grinder/buffer for maintenance, cleaning, etc.), having 2#12 & 1#12EG conductors, which is equipped with a NEMA 5-20P plug, and connect such cord to such grinder/buffer in strict accordance with the grinder/buffer manufacturer's instructions (verify in advance).

40. DRY-ROD OVEN, 120V, Single-Phase. Verify from the equipment nameplate, in advance, that the maximum full-load-current rating of the dry-rod oven is 15A, and bring all conflicts to the immediate attention of the architect for resolution). Provide, at the proper location (verify in advance) a 20-amp, 125V, 3-wire-grounding-type, NEMA 5-20R, quadraplex receptacle (in the proper, surface-mounted, outlet box). Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, equipment, power cord (of sufficient length as required to accommodate the moving of the dry-rod oven for maintenance, cleaning, etc.), having 2#12 & 1#12EG conductors, which is equipped with a NEMA 5-20P plug, and connect such cord to such dry-rod oven in strict accordance with the dry-rod-oven manufacturer's instructions (verify in advance).

41. DEWALT, 115V, Single-Phase, #D28715, Chop Saw. Connect such chop saw, in strict accordance with the chop-saw manufacturer's instructions (verify in advance) where and as required for a 115V, single-phase, input-voltage rating (which should render a maximum full-load-current rating of 15FLA; verify such from the equipment nameplate in advance, and bring all conflicts to the immediate attention of the architect for resolution). Provide, at the proper location (verify in advance) a 20-amp, 125V, 3-wire-grounding-type, NEMA 5-20R, duplex receptacle (in the proper, surface-mounted, outlet box). Provide a flexible, wet-location-rated, oil resistant and chemical-resistant, equipment, power cord (of sufficient length as required to accommodate the moving of the chop saw for maintenance, cleaning, etc.), having 2#12 & 1#12EG conductors, which is equipped with a NEMA 5-20P plug, and connect such cord to such chop saw in strict accordance with the chop-saw manufacturer's instructions (verify in advance).

42. Provide approximately here (verify exact location in advance with the architect/owner) a ceiling-mounted WOODHEAD #9383/3000-1/9230 (or approved equivalent) power cord reel terminated into an outlet box with two (2) 20A, 120V, 3 wire grounding, duplex receptacles and the appropriate cover plate; with 3#12 wires, with 40'0" of cord, and with tension relief.

43. Locate as required for air compressor. Verify exact desired location (including mounting height) in advance with the architect and/or owner. Verify exact type of electrical connection (cord & plug, or hardwired with disconnect) in advance with the equipment manufacturer and provide accordingly.

44. Locate as required for use of either a "Miller 250 Welder" or a "Miller 200 TIG Welder". Install this receptacle on the "electrical connections column" located in the center of the Welding Shop (verify location in advance). Provide in this location the exact same connection as described in Referenced Electrical Notes Nos. 17 and/or 18. Coordinate in advance with the owner for the exact layout/configuration of all welding equipment outlets which are being mounted to the "electrical connections column". Verify all parameters and requirements in advance and provide accordingly.

45. Locate as required for use of a "Miller Shopmaster CC/CV AC/DC Welder". Install this receptacle on the "electrical connections column" located in the center of the Welding Shop (verify location in advance). Provide in this location the exact same connection as described in Referenced Electrical Note No. 20. Coordinate in advance with the owner for the exact layout/configuration of all welding equipment outlets which are being mounted to the "electrical connections column". Verify all parameters and requirements in advance and provide accordingly.

46. Locate as required for use of a "Miller 300 Welder". Install this receptacle on the "electrical connections column" located in the center of the Welding Shop (verify location in advance). Provide in this location the exact same connection as described in Referenced Electrical Note No. 15. Coordinate in advance with the owner for the exact layout/configuration of all welding equipment outlets which are being mounted to the "electrical connections column". Verify all parameters and requirements in advance and provide accordingly.

47. Locate as required for welding-booth, integral, GFCI, duplex-receptacle, power circuit (verify exact location in advance with the architect). Connect as per the welding booth equipment manufacturer's recommendations (verify in advance). Obtain installation instructions/manual in advance from the welding booth manufacturer and provide all required work described therein. Verify all parameters and requirements in advance and provide all required work accordingly.

48. Locate as required for welding-booth. exhaust fan/integral lighting, power circuit (verify exact location in advance with the architect). Connect as per the welding booth equipment manufacturer's recommendations (verify in advance). Obtain installation instructions/manual in advance from the welding booth manufacturer and provide all required work described therein. Verify all parameters and requirements in advance and provide all required work accordingly.

49. Locate as required for laundry commercial dryer (verify exact location in advance with the architect). Verify exact electrical requirements in advance with the manufacturer and provide accordingly.

50. Locate as required for laundry commercial washing machine (verify exact location in advance with the architect). Verify exact electrical requirements in advance with the manufacturer and provide accordingly.

51. For the controlling of all lighting fixtures within the individual Sleeping Rooms, and within the adjacent outer Sleeping Areas, interconnect all associated switch-legs with the facility security controls system for functionality via the security controls system touch screens. Connect fixtures shown on the drawings with common "Security-Controls-System, Lighting, Switch-Control-Leg" designations together for common control, respectively. See Electrical Symbol & Abbreviations Schedule for description and identification of the "Security-Controls-System, Lighting, Switch-Control-Leg" symbol. Coordinate all associated work in advance with the security-controls-system installer/supplier. Verify exact location of the security-controls-system equipment (and control station(s) in advance, and provide all required interconnections work (rough-ins and electrical cabling/wiring, etc.) as required. Verify all parameters and requirements in advance and provide all required work accordingly.

52. In order to accommodate the body scanner system equipment, provide at this data outlet one (1) data jack with a data cable run to the data outlet (indicated by Referenced Electrical Note No. 52) at the "full-body scanner unit" location in INTERLOCK #B102 as required to interconnect the system. See Referenced Electrical Note No. 53, and see the electrical specifications regarding telecommunications outlet rough-ins and cabling. Verify in advance with the architect for the exact desire locations for all outlets involved. Verify exact routing of all associated conduit in advance with the architect.

53. In order to accommodate the body scanner system equipment, provide at this data outlet; a total of two (2) data jacks, one (1) data jack with a data cable back to the nearest data patch panel (verify patch panel location in advance), and one (1) data jack with data cable run to the data outlet (indicated by Referenced Electrical Note No. 53) at the "body scanner kiosk" location in CENTRAL CONTROL ROOM #B104. See Referenced Electrical Note No. 52, and see the electrical specifications regarding telecommunications outlet rough-ins and cabling. Verify in advance with the architect for the exact desire locations for all outlets involved. Verify exact routing of all associated conduit in advance with the architect.

54. For the controlling of all lighting fixtures within the Day Room, interconnect all associated switch-legs with the facility security controls system for functionality via the security controls system touch screens. Connect fixtures shown on the drawings with common "Security-Controls-System, Lighting, Switch-Control-Leg" designations together for common control, respectively. See Electrical Symbol & Abbreviations Schedule for description and identification of the "Security-Controls-System, Lighting, Switch-Control-Leg" symbol. Coordinate all associated work in advance with the security-controls-system installer/supplier. Verify exact location of the security-controls-system equipment (and control station(s) in advance, and provide all required interconnections work (rough-ins and electrical cabling/wiring, etc.) as required. Verify all parameters and requirements in advance and provide all required work accordingly.

55. As required to facilitate the installation of the wall-mounted, TV/monitor, audio/video, signal/control cabling, provide between these two recessed outlet boxes (in the same room) a 1-1/4" empty conduit (with pull wire). Verify exact desired routing of conduit in advance with the architect.

56. Locate as required for full-body security scanner. Verify exact electrical requirements in advance with the equipment manufacturer and provide accordingly. Verify exact location in advance with the architect.

1 REFERENCED ELECTRICAL NOTES
No Scale

LIGHTING FIXTURE SCHEDULE

NOTES:

1. See the specifications for information relative to LED fixtures and drivers.

2. Reference the architectural reflected ceiling plans for the exact locations for all ceiling-mounted lighting fixtures, and coordinate fully with all ceiling configurations which are indicated thereon.

3. Reference the architectural drawings for the exact heights and locations for all wall-mounted lighting fixtures.

4. Verify, in advance with the architect, with the general contractor, and with the ceiling subcontractor, the exact type and construction of each project ceiling (as actually provided) and utilize all such information when preparing the project lighting equipment shop drawings and when ordering the respective project lighting fixtures, so that all lighting fixtures will be completely compatible with the respective ceilings (as actually provided). This contractor is cautioned that the type and construction of each project ceiling which are indicated in the project construction documents (drawings and specifications) do not necessarily represent the type and construction of the ceiling that will actually be provided and, also, that the types of lighting fixtures which are indicated for each project ceiling do not necessarily represent the types of lighting fixtures which are required for each project ceiling, as related to compatibility with the respective ceiling. It is this contractor's responsibility to assure that the project lighting fixtures which are provided are completely compatible with the respective ceilings, as actually provided.

5. Verify that adequate recessing space will indeed exist at the proposed location for each recessed lighting fixture and bring any and all conflicts to the immediate attention of the architect for resolution, in advance of ordering the project lighting fixtures.

6. Provide all mounting and connecting hardware which is required for each lighting fixture and for each piece of lighting equipment. All such hardware shall be appropriate for the respective, exact applications.

7. Install and connect all project lighting equipment in strict accordance with all of the manufacturers' recommendations, instructions, requirements, details, etc. (verify in advance).

8. For any lighting fixture (or 4'-0" section of a lighting fixture) which is designated (by the nearby designation of "NL") on the drawings as a "night light", contractor shall connect such lighting fixture, ahead of all switching (e.g., local switches, etc.) for "emergency/night-light" operation (for this purpose, provide the required, additional, "hot" conductor from the respective branch circuit, etc.). In addition, connect Lighting Fixtures Type "X" ahead of all switching for emergency/night light operation.

9. The description for each lighting fixture (other than exit lighting fixtures) whose lighting-fixture type includes the letter "X" (e.g., Lighting Fixture Type "AX") shall be the same description as the description for a lighting fixture that is designated by only the similar base letter (e.g., Lighting Fixture Type "A"), except that such lighting fixture shall be equipped with an ASSURANCE ALCR-D20, or approved equivalent, UL924, "emergency" lighting control unit (ECU) which will allow such "emergency" lighting fixture to be powered by the respective "emergency" lighting circuit only, but will allow such "emergency" lighting fixture to be controlled (switched and/or dimmed, as applicable) by the lighting control devices(s) that control(s) the adjacent "normal" lighting fixtures in the same area (i.e., to be controlled in tandem with such "normal" lighting fixtures). Each such ECU which is provided in a non-dimmed lighting fixture shall cause such "emergency" lighting fixture to remain ON or to be turned ON (as applicable at the time) when "normal" power to such control device(s) is lost. Each such ECU which is provided in a dimmed lighting fixture shall open one (1) leg of the 0-10V dimming circuit, thus causing such "emergency" lighting fixture to remain ON or to be turned ON (as applicable at the time), at full brightness, when "normal" power to such control device(s) is lost. Request and obtain, in advance from the manufacturer of such ECU, the proper wiring diagram, and other required information, which is relevant to the exact application for which such ECU is provided, and utilize such wiring diagram and such information while connecting such ECU. Connect each such equipped "emergency" lighting fixture for "emergency" power to an unswitched, "emergency" lighting circuit of the for "emergency" operation, but so as to be controlled (switched and/or dimmed, as applicable) by the lighting control devices(s) that control(s) the adjacent "normal" lighting fixtures in the respective same area (e.g., local toggle switches, local light dimmers, occupancy-sensing controls, control relays of a lighting contactor, etc.), i.e., to be controlled in tandem with the adjacent "normal" lighting fixtures; but so that, upon loss of power of such "normal" lighting circuit to such adjacent "normal" lighting fixtures, such ECU will cause all such lighting control devices to be bypassed. Verify all parameters and requirements in advance, and provide accordingly. As a clarification, "unswitched" "emergency" lighting fixtures which are intended for 24-hour "night-lighting" operation need not be equipped with such "emergency" lighting control units.

10. In all places where manufacturers' names and/or model numbers are given, the words "or approved equivalent" shall be assumed to follow.

11. IECC Energy Code Compliance Note: For all building areas where detainees have access, this design invokes Exception No, 1 of IECC 2021 Section 405.2 which states:
   1) Lighting controls are not required for "areas designated as security or emergency areas that are required to be continuously lighted."

DESCRIPTIONS:

A1 ADVANTAGE ENVIRONMENTAL LIGHTING #BAA-24-40-11L(HL)-B14-B14-INS-PA125-375P-M; 277-volt, 2'x4', recessed, flanged, LED, correctional-grade, security fixture; with a painted white, 14-gauge, cold roll steel, door/housing; .125" prismatic acrylic inner lens; 0.375" clear polycarbonate outer lens; Torx head fasteners; and a 79.3-watt, 11000-lumen, 4000K, 0-10V dimming, LED source. Coordinate installation in advance with the metal-panel, ceiling, installer and provide all trim/hardware as required for compatibility with, and proper installation within, the security/institution grand ceilings. Reference applicable ceiling and installation details on the architectural drawings in advance, and provide all required work accordingly.

A2 Same as type "A1", except with a a 48.5-watt, 7000-lumen, LED source.

A3 Same as type "A1", except with a a 27.8-watt, 4000-lumen, LED source.

B1 SHAT-R-SHIELD "VR Pro" #042-VR-40-CL-Y-V7-SS-UR-00-TB-MODIFIED; 277-volt, 12.25-inch round, surface-mounted, damp-location-rated, vandal-resistant, correctional-cell-grade, LED fixture; with a 1/2" thick, 304-stainless-steel housing; a urethane, impact-resistant, diffused lens; tamper-proof bolts & inserts; a 42-watt, 4400-lumens, 4000K, main, LED source; a 8-watt, 680-lumens, 2700K, integral, count light ("night light"); and a 4-wire, power cord & plug assembly (from manufacturer). Provide the proper ceiling-mounting hardware as required for mounting this fixture to the correctional-grade ceiling (verify in advance). Coordinate in advance with the ceiling subcontractor. Conform to all applicable architectural ceiling details. Provide a NEMA L19-20, 277/480V, 20-amp, 4-wire, 4-pole, power receptacle above the ceiling and within reach of the fixture's ceiling opening (verify exact location and receptacle mounting method in advance with the architect), and connect it to the branch circuits shown. See "Fixture Type 'B1' Power Plug Wiring Diagram" and connect lighting fixture wiring accordingly and as required to control the fixture as intended, See Referenced Electrical Note No. ***. Verify all parameters and requirements in advance and provide all required work accordingly.

B2 Same as type "B2", except with NO integral count light ("night light").

C SHAT-R-SHIELD "H2O Pro" #32-H2O-40-CL-F-VH-SS-PC-TB-MODIFIED; 277-volt, 9.25-inch round, surface-mounted, wet-location-rated (shower-grade), vandal-resistant, correctional-grade, LED fixture; with a 1/2" thick, 304-stainless-steel housing; a 1/4" thick, polycarbonate, impact-resistant, diffused lens; tamper-proof bolts & inserts; and a 32-watt, 2650-lumens, 4000K, non-dimming, LED source. Provide the proper ceiling-mounting hardware as required for mounting this fixture to the correctional-grade, metal ceiling (verify in advance). Coordinate in advance with the ceiling subcontractor. Conform to all applicable architectural ceiling details. Provide a NEMA L7-15, 277V, 15-amp, 3-wire, 2-pole, power receptacle above the ceiling and within reach of the fixture's ceiling opening (verify exact location and receptacle mounting method in advance with the architect), and connect it to the branch circuit shown. Verify all parameters and requirements in advance and provide all required work accordingly.

D1 ADVANTAGE ENVIRONMENTAL LIGHTING #BAA-22-40-7L(ML)-B14-B14-INS-PA125-375P-M; 277-volt, 2'x2', recessed, flanged, LED, correctional-grade fixture; with a painted white, 14-gauge, cold roll steel, door/housing; .125" prismatic acrylic inner lens; 0.375" clear polycarbonate outer lens; Torx head fasteners; and a 48.5-watt, 7000-lumen, 4000K, 0-10V dimming, LED source.

D2 Same as type "D1", except with a a 27.8-watt, 4000-lumen, LED source.

E1 ILP #VPAN24-66L-U-40; 277-volt, 2'x4', recessed, LED panel fixture; with a 0.156" thick, acrylic lens; steel white housing; 0-10V dimming; and a 59-watt, 7290-lumen, 4000K, LED source. Provide "flange mount kit" as required for each application (verify ceiling in advance).

E2 ILP #VPAN24-55L-U-40; 277-volt, 2'x4', recessed, LED panel fixture; with a 0.156" thick, acrylic lens; steel white housing; 0-10V dimming; and a 47-watt, 6064-lumen, 4000K, LED source. Provide "flange mount kit" as required for each application (verify ceiling in advance).

E3 ILP #VPAN24-44L-U-40; 277-volt, 2'x4', recessed, LED panel fixture; with a 0.156" thick, acrylic lens; steel white housing; 0-10V dimming; and a 38-watt, 5000-lumen, 4000K, LED source. Provide "flange mount kit" as required for each application (verify ceiling in advance).

E4 ILP #VPAN24-33L-U-40; 277-volt, 2'x4', recessed, LED panel fixture; with a 0.156" thick, acrylic lens; steel white housing; 0-10V dimming; and a 29-watt, 3864-lumen, 4000K, LED source. Provide "flange mount kit" as required for each application (verify ceiling in advance).

F1 ILP #VS4-6L-U-40-FRL; 277-volt, 4' long, surface-mounted (or suspended as required; verify), LED strip; with a round, frosted, acrylic lens; and a 44-watt, 5736-lumen, 4000K, LED source. Provide either surface-mounting, or suspension-mounting hardware as required for each respective application, and locate fixtures in the room as required for providing best overall lighting of the room/area, while avoiding conflicts with all ductwork, piping, building-structural members, architectural features, etc. (verify exact required mounting method and locations for each respective room/application in advance). In areas where suspension-mounting hardware is required, provide mounting stem lengths as required for mounting fixture at the exact height stipulated by the architect. Verify all parameters and requirements in advance with the architect and provide all associated work accordingly.

F2 ILP #VS8-8L-U-40-FRL; 277-volt, 8' long, suspended-mounted (or surface-mounted; verify), LED strip; with a round, frosted, acrylic lens; and a 61-watt, 8310-lumen, 4000K, LED source. Provide "alignment brackets" as required to provide continuous rows of fixtures as shown on the drawings. Provide either surface-mounting, or suspension-mounting hardware as required, and locate fixtures at the exact height as stipulated by the architect (verify in advance).

G1 H.E. WILLIAMS #6DR-TL-L30/840-DIM-UNV-OM-OF-CS-WET/CC-N-F1; 277-volt, wet-location-rated, 6" aperture, recessed, LED downlight; with an open reflector; clear, semi-specular finish; medium (35-degree) distribution; and a 26.9-watt, 3000-lumen, 4000K, LED source.

G2 H.E. WILLIAMS #6DR-TL-L20/840-DIM-UNV-OW-OF-CS-N-F1; 277-volt, 6" aperture, recessed, LED downlight; with an open reflector; clear, semi-specular finish; wide (65-degree) distribution; and a 19-watt, 2000-lumen, 4000K, LED source.

G3 H.E. WILLIAMS #6DR-TL-L10/840-DIM-UNV-OW-OF-CS-N-F1; 277-volt, 6" aperture, recessed, LED downlight; with an open reflector; clear, semi-specular finish; wide (65-degree) distribution; 0-10V dimming; and a 8.7-watt, 1000-lumen, 4000K, LED source.

G4 Same as type "G3", except having a medium (35-degree) distribution.

H1 LUX-ILLUMINAIRE #EOS-4.0-R-TRIM-LAM-750-LENGTH-40K-8-UNV-S1-FINISH; 277-volt, recessed, 4"-wide, linear, continuous row (for the entire length) as shown on the drawings (verify in advance), LED fixture; having a 750 lumen-per-linear-foot output; 4000K color temperature; 0-10V dimming; flush lens; and an 6.73-watt-per-linear-foot source. Verify exact required length and required mounting trim type in advance with the architect. Conform to all architectural ceiling details.

H2 Same as type "H1", except having a 500 lumen-per-linear-foot output and a 4.48-watt-per-linear-foot source.

H3 Same as type "H1", except having a 1250 lumen-per-linear-foot output and a 12.05-watt-per-linear-foot source.

I Not Used.

J1 Same as type "H2", except provide the proper corner pieces, connectors, and hardware in order to provide a continuous, rectangular pattern as shown on the drawings. Reference the architectural drawings and details. Verify requirements in advance, and provide accordingly.

K1 ILP #VPAN24-44L-U-40; 277-volt, 2'x2', recessed, LED panel fixture; with a 0.156" thick, acrylic lens; steel white housing; 0-10V dimming; and a 39-watt, 4719-lumen, 4000K, LED source. Provide "flange mount kit" as required for each application (verify ceiling in advance).

L1 CERTOLUX #VRSD5-48FC-LED940K055LUNV-DPP; 277-volt, vandal resistant/high abuse, surface or pendant mounted (verify), 4'-long, LED fixture; with a high impact, opal, lens; and a 42.8-watt, 5500-lumen, 4000K, LED source. Provide either surface-mounting, or suspension-mounting hardware as required for each respective application, and locate fixtures in the room as required for providing best overall lighting of the room/area, while avoiding conflicts with all ductwork, piping, building-structural members, architectural features, etc. (verify exact required mounting method and locations for each respective room/application in advance). In areas where suspension-mounting hardware is required, provide mounting stem lengths as required for mounting fixture at the exact height stipulated by the architect. Verify all parameters and requirements in advance with the architect and provide all associated work accordingly.

M1 ILP #EDV2-24L-U-40-FRL-WC-HB-XX-18Y-PAD; 277-volt, suspended-mounted, linear, LED, high bay fixture; with a frosted lens; wide distribution; wire guard; and a 162-watt, 23,111-lumen, 4000K, LED source. Provide aircraft suspension cable having the length required to mount fixture at the exact height stipulated by the architect (verify in advance). Coordinate exact location in advance with the architect, general contractor, mechanical and plumbing subcontractors and install fixtures as close to the locations shown on the drawings while avoiding interference with all basketball goals, HVAC ducts, piping, building structural steel members, etc. (verify in advance). As part of the lighting fixture shop drawing submittal package, and prior to installation, provide to the architect for review a detailed and dimensioned layout drawing which accurately shows the locations of all ceiling obstructions (i.e., structural steel, basketball goals [and associated mounting, raising/lowering hardware], all HVAC ducts, piping) and the locations of all lighting fixtures.

M2 Same as type "M1", except having a 104-watt, 14,923-lumen ("15L"), 4000K, LED source.

M3 Same as type "M1", except having a 84-watt, 11,929-lumen ("12L"), 4000K, LED source.

N1 CREE #C-WP-E-TR-S12L-SCCT-UL-DB; 277-volt, exterior, wet-location-rated, surface-mounted, LED wall-pack; with a dark bronze finish; and a 75-watt, 11,550-lumen, 4000K, LED source. Install fixture at the exact height (above finished floor) stipulated by the architect (verify in advance).

O Not used.

P1 L&E PRODUCTS #AC700-L-50-40-O-MV-FINISH-DH; 277-volt, exterior, wet-location-rated, high-impact, vandal-resistant, surface-mounted, LED, canopy, fixture; with the finish as selected by the architect (verify in advance); opal prismatic lens; and a 57-watt, 5034-lumen, 4000K, LED source. Mount fixture to the canopy as per the architect's instructions, coordinating all canopy penetrations and mounting means/method therewith. Verify exact routing of conduit in advance and provide accordingly. Reference all associated architectural details and provide all electrical work described therein. Verify all parameters and requirements in advance, and provide all required work accordingly.

Q1 ILP #RB3-19L-U-40-FRL-CORD/10FT-RED3/4; 277-volt, pendant-mounted, LED, high-bay fixture; with white finish; frosted polycarbonate lens; and a 148-watt, 18,768-lumen, 4000K, LED source. Provide pendant-mounting stem length as required to install fixture at the exact height (above finished floor) stipulated by the architect (verify in advance).

R1 A dual-luminaire, parking-lot, pole-mounted, lighting assembly consisting of two (2) LSI #SLM-LED-55L-SIL-FT-UNV-DIM-40-70CRI-FINISH; 277-volt, exterior, LED, parking lot fixtures; each having a "forward throw" distribution; the finish color as selected by the architect (verify in advance); an output of 436-watts, 53,566-lumen, 4000K each; with the proper "2 at 180-degrees" mounting bracket having the fixture orientation as shown on the drawings, as required; a 36'-0" high, square, metallic pole having a handhole, the finish color as selected by the architect (verify in advance); the appropriate anchor bolts; and a reinforced concrete foundation (see the POLE-MOUNTED LIGHTING ASSEMBLY CONCRETE FOUNDATION DETAIL). The entire installation shall be rated for 120 m.p.h. winds, with a 3-second gust factor. Provide two (2) 15A fuses in in-line fuseholders immediately behind the pole handhole cover. Verify desired finishes in advance with the architect. Provide "high-visibility" reflective paint, or reflective decals on pole per the owner's instructions as required (verify in advance).

R2 A dual-luminaire, parking-lot, pole-mounted, lighting assembly consisting of two (2) LSI #SLM-LED-55L-SIL-FT-UNV-DIM-40-70CRI-FINISH; 277-volt, exterior, LED, parking lot fixtures; each having a "Forward Throw" distribution; the finish color as selected by the architect (verify in advance); an output of 436-watts, 53,566-lumen, 4000K each; with the proper "2 at 90-degrees" mounting bracket having the fixture orientation as shown on the drawings, as required; a 36'-0" high, square, metallic pole having a handhole, the finish color as selected by the architect (verify in advance); the appropriate anchor bolts; and a reinforced concrete foundation (see the POLE-MOUNTED LIGHTING ASSEMBLY CONCRETE FOUNDATION DETAIL). The entire installation shall be rated for 120 m.p.h. winds, with a 3-second gust factor. Provide two (2) 15A fuses in in-line fuseholders immediately behind the pole handhole cover. Verify desired finishes in advance with the architect. Provide "high-visibility" reflective paint, or reflective decals on pole per the owner's instructions as required (verify in advance).

R3 A single-luminaire, pole-mounted, lighting assembly consisting of one (1) LSI #SLM-LED-30L-SIL-2-UNV-DIM-40-70CRI-FINISH; 277-volt, exterior, LED, area lighting fixture; having a "Type II" distribution; the finish color as selected by the architect (verify in advance); an output of 213-watts, 30,908-lumen, 4000K; with the proper mounting bracket having orientation as shown on the drawings, as required; a 36'-0" high, square, metallic pole having a handhole, the finish color as selected by the architect (verify in advance); the appropriate anchor bolts; and a reinforced concrete foundation (see the POLE-MOUNTED LIGHTING ASSEMBLY CONCRETE FOUNDATION DETAIL). The entire installation shall be rated for 120 m.p.h. winds, with a 3-second gust factor. Provide two (2) 15A fuses in in-line fuseholders immediately behind the pole handhole cover. Verify desired finishes in advance with the architect. Provide "high-visibility" reflective paint, or reflective decals on pole per the owner's instructions as required (verify in advance).

R4 A dual-luminaire, parking-lot, pole-mounted, lighting assembly consisting of two (2) LSI #SLM-LED-36L-SIL-4-UNV-DIM-40-70CRI-FINISH; 277-volt, exterior, LED, parking lot fixtures; each having a "Type IV" distribution; the finish color as selected by the architect (verify in advance); an output of 255-watts, 37,114-lumen, 4000K each; with the proper "2 at 180-degrees" mounting bracket having the fixture orientation as shown on the drawings, as required; a 36'-0" high, square, metallic pole having a handhole, the finish color as selected by the architect (verify in advance); the appropriate anchor bolts; and a reinforced concrete foundation (see the POLE-MOUNTED LIGHTING ASSEMBLY CONCRETE FOUNDATION DETAIL). The entire installation shall be rated for 120 m.p.h. winds, with a 3-second gust factor. Provide two (2) 15A fuses in in-line fuseholders immediately behind the pole handhole cover. Verify desired finishes in advance with the architect. Provide "high-visibility" reflective paint, or reflective decals on pole per the owner's instructions as required (verify in advance).

R5 A single-luminaire, pole-mounted, lighting assembly consisting of one (1) LSI #SLM-LED-55L-SIL-FT-UNV-DIM-40-70CRI-FINISH; 277-volt, exterior, LED, area lighting fixture; having a "Forward Throw" distribution; the finish color as selected by the architect (verify in advance); an output of 436-watts, 53,566-lumen, 4000K; with the proper mounting bracket having orientation as shown on the drawings, as required; a 36'-0" high, square, metallic pole having a handhole, the finish color as selected by the architect (verify in advance); the appropriate anchor bolts; and a reinforced concrete foundation (see the POLE-MOUNTED LIGHTING ASSEMBLY CONCRETE FOUNDATION DETAIL). The entire installation shall be rated for 120 m.p.h. winds, with a 3-second gust factor. Provide two (2) 15A fuses in in-line fuseholders immediately behind the pole handhole cover. Verify desired finishes in advance with the architect. Provide "high-visibility" reflective paint, or reflective decals on pole per the owner's instructions as required (verify in advance).

S ADVANTAGE ENVIRONMENTAL LIGHTING #BTWC-LENGTH-40-2L-M-PA125-187P; 277-volt, vandal-resistant, tamper-proof, LED, undercabinet fixture; with a .125" prismatic acrylic inner lens; .187" clear polycarbonate outer lens; and a 2000 lumen-per-linear-foot, 13.3 watts-per-linear-foot, 4000K, LED source. Provide all required mounting hardware and install fixture underneath the millwork cabinets in the exact location stipulated by the architect (verify in advance). Install all fixtures and power cabling in locations underneath the cabinetry/millwork which are as hidden from view as possible. Provide surface-mounted wiremold-type raceway (where such raceway is required), painted to match the architectural millwork (verify finish color in advance with the architect), as required to hide all associated power and/or jumper cabling from view. Reference all applicable architectural details (on the architectural drawings) and provide all work described therein. Verify all parameters and requirements in advance and provide accordingly.

T KENALL #FN15-4-7-FINISH-49L-40K7-DV; 277-volt, exterior, wet-location-rated, surface-mounted, high-impact-resistant, tamper-proof, LED wall-pack; with housing finish color to be selected by the architect (verify in advance); type IV distribution; and a 54-watt, 6222-lumen, 4000K, LED source. Install fixture at the exact height (above finished floor) stipulated by the architect (verify in advance).

U LUMASCAPE #LS9120-30-S-840-84-NR-09-ND-XXX/LS6203; 277-volt, exterior, wet-location-rated, ground-mounted, flagpole, lighting fixture; with finish to be selected by the architect (verify in advance); high-lumen output; 10-degrees, "very narrow spot" beam angle optics; "half snoot" glare shield; and a 30-watt, 3500-lumen, 4000K, LED source. Provide all required mounting hardware, and install fixture on an 18" high by 8" diameter concrete foundation which protrudes 3" above finished grade. Once installed, aim fixture at night in the presence of the architect and/or owner, and as required for providing best lighting of the flag flown at full staff.

V SPECTRUM LIGHTING "Infinium" #SGE4LEDFX-10L-40K-DX-BH27-AR4223FX-MW-MF-SO-W; 277-volt, 4", recessed. LED, shower (wet-location-rated), downlight; with matte white trim & flange finish; having wet-location-rated trim; and a 6.6-watt, 650-lumen, 4000K, LED module/driver. Install fixture in shower ceiling as per the architect's instructions (verify in advance).

W1 HUNTER "Titan"; 480-volt, 3-phase, high-volume, low-speed, ceiling-mounted, fan; with five (5), 6005A structural-grade, aluminum, airfoils (blades); 16'-0" airfoil diameter; 7-inch airfoil width; anodized silver finish/color; and having a 1.5 HP, direct-current, motor; variable frequency drive. Provide a HUNTER #350 wall-mounted controller in the exact location stipulated by the architect (verify in advance). Provide ceiling and/or building-structure-mounting hardware as required, and provide pendant/downrod mounting stem length as required for mounting fixture at the exact height above finished floor stipulated by the architect (verify in advance). Obtain installation instructions in advance from the manufacturer and provide all required work described therein accordingly.

W2 HUNTER "Titan"; 480-volt, 3-phase, high-volume, low-speed, ceiling-mounted, fan; with five (5), 6005A structural-grade, aluminum, airfoils (blades); 14'-0" airfoil diameter; 7-inch airfoil width; anodized silver finish/color; and having a 1.5 HP, direct-current, motor; variable frequency drive. Provide a HUNTER #350 wall-mounted controller in the exact location stipulated by the architect (verify in advance). Provide ceiling and/or building-structure-mounting hardware as required, and provide pendant/downrod mounting stem length as required for mounting fixture at the exact height above finished floor stipulated by the architect (verify in advance). Obtain installation instructions in advance from the manufacturer and provide all required work described therein accordingly.

X1 ADVANTAGE ENVIRONMENTAL LIGHTING #BAB-1-B14-R-XX-M-TH-EM; 277-volt, correctional-grade, single-faced, LED, exit sign; having a matte white, high-impact, injection-molded, polycarbonate housing; with red lettering; directional chevrons as indicated on the drawings; and side, back, or ceiling mounting hardware as required for each respective location (as shown on the drawings). Provide "Wet Location" option where required (verify in advance). Verify directional chevrons and mounting hardware as required for each respective location and provide accordingly. Connect this fixture ahead of all switching for night light operation.

X2 ADVANTAGE ENVIRONMENTAL LIGHTING #BAB-2-B14-R-XX-M-TH-EM; 277-volt, correctional-grade, double-faced, LED, exit sign; having a matte white, high-impact, injection-molded, polycarbonate housing; with red lettering; directional chevrons as indicated on the drawings; and side, back, or ceiling mounting hardware as required for each respective location (as shown on the drawings). Provide "Wet Location" option where required (verify in advance). Verify directional chevrons and mounting hardware as required for each respective location and provide accordingly. Connect this fixture ahead of all switching for night light operation.

X3 ILP #EXS1-U-2RW; 277-volt, universal single/double-faced, LED, exit sign; having a white, high-impact, injection-molded, thermoplastic housing; with red lettering; directional chevrons as indicated on the drawings; and side, back, or ceiling mounting hardware as required for each respective location (as shown on the drawings). Verify directional chevrons and mounting hardware as required for each respective location and provide accordingly. Connect this fixture ahead of all switching for night light operation.

2 LIGHTING FIXTURE SCHEDULE
No Scale

Grace
Design Studios

STATE OF LOUISIANA
W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL NOTES

SHEET NUMBER
E503

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:01 PM

Panel "DP1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
1200A MLO,65,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD3.

CKT NO.	AMPS	PL	REMARKS
1	225	3	Panel "HA1"
3	--	-	Panel "HA1"
5	--	-	Panel "HA1"
7	400	3	Panel "HC1"
9	--	-	Panel "HC1"
11	--	-	Panel "HC1"
13	300	3	Panel "HE1"
15	--	-	Panel "HE1"
17	--	-	Panel "HE1"
19	400	3	Panel "HH1"
21	--	-	Panel "HH1"
23	--	-	Panel "HH1"
25	--	3	Provisions
27	--	-	Provisions
29	--	-	Provisions
2	200	3	Panel "HB1"
4	--	-	Panel "HB1"
6	--	-	Panel "HB1"
8	200	3	Panel "HD1"
10	--	-	Panel "HD1"
12	--	-	Panel "HD1"
14	400	3	Panel "HG1"
16	--	-	Panel "HG1"
18	--	-	Panel "HG1"
20	--	3	Provisions
22	--	-	Provisions
24	--	-	Provisions
26	--	3	Provisions
28	--	-	Provisions
30	--	-	Provisions

Panel "DP2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
1200A MLO, 65,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD3.

& Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	350	3	Panel "HA2"
3	--	-	Panel "HA2"
5	--	-	Panel "HA2"
7	250	3	Panel "HD2"
9	--	-	Panel "HD2"
11	--	-	Panel "HD2"
13	175	3	Panel "HG2"
15	--	-	Panel "HG2"
17	--	-	Panel "HG2"
19	400	3	Transformer "TLK2" & Panel "LK2"
21	--	-	Transformer "TLK2" & Panel "LK2"
23	--	-	Transformer "TLK2" & Panel "LK2"
25	--	3	Provisions
27	--	-	Provisions
29	--	-	Provisions
2	350	3	Panel "HC2"
4	--	-	Panel "HC2"
6	--	-	Panel "HC2"
8	225	3	Panel "HF2"
10	--	-	Panel "HF2"
12	--	-	Panel "HF2"
14	175	3	Panel "HH2"
16	--	-	Panel "HH2"
18	--	-	Panel "HH2"
20	--	3	Provisions
22	--	-	Provisions
24	--	-	Provisions
26	--	3	Provisions
28	--	-	Provisions
30	--	-	Provisions

Panel "DP3", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
1200A MLO, 65,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

& Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	225	3	Panel "HA3"
3	--	-	Panel "HA3"
5	--	-	Panel "HA3"
7	250	3	Panel "HH3"
9	--	-	Panel "HH3"
11	--	-	Panel "HH3"
13	--	3	Provisions
15	--	-	Provisions
17	--	-	Provisions
19	--	3	Provisions
21	--	-	Provisions
23	--	-	Provisions
2	700	3	Panel "HB3"
4	--	-	Panel "HB3"
6	--	-	Panel "HB3"
8	175	3	Panel "HM3"
10	--	-	Panel "HM3"
12	--	-	Panel "HM3"
14		3	Provisions
16	--	-	Provisions
18	--	-	Provisions
20	--	3	Provisions
22	--	-	Provisions
24	--	-	Provisions

Panel "HA1, 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
400A MLO, 50,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HA1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	175	3	Transformer "TLA1" & Panel "LA1"	
3	--	-	Transformer "TLA1" & Panel "LA1"	
5	--	-	Transformer "TLA1" & Panel "LA1"	
? 7	45	3	Heat Pump Unit (HP-7)	1", 4#8 & 1#10EG
? 9	--	-	Heat Pump Unit (HP-7)	1", 4#8 & 1#10EG
? 11	--	-	Heat Pump Unit (HP-7)	1", 4#8 & 1#10EG
13	20	1	Lights	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	"LCP-HA1" Power	
4	70	1	Emergency Power-Inverter "INVA1"	
? 6	50	3	Heat Recover Unit (HR-E)	1", 4#8 & 1#10EG
? 8	--	-	Heat Recover Unit (HR-E)	1", 4#8 & 1#10EG
? 10	--	-	Heat Recover Unit (HR-E)	1", 4#8 & 1#10EG
? 12	30	3	Makeup Air Handling Unit (MAU-7)	3/4", 4#10 & 1#10EG
? 14	--	-	Makeup Air Handling Unit (MAU-7)	3/4", 4#10 & 1#10EG
? 16	--	-	Makeup Air Handling Unit (MAU-7)	3/4", 4#10 & 1#10EG
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "HA2, 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
400A MLO, 50,000 A.I.C. Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HA2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	60	3	Transformer "TLA2" & Panel "LA2"	
3	-	-	Transformer "TLA2" & Panel "LA2"	
5	-	-	Transformer "TLA2" & Panel "LA2"	
? 7	50	3	Heat Pump Unit (HP-1A, Module #1)	1", 4#8 & 1#10EG
? 9	--	-	Heat Pump Unit (HP-1A, Module #1)	1", 4#8 & 1#10EG
? 11	--	-	Heat Pump Unit (HP-1A, Module #1)	1", 4#8 & 1#10EG
? 13	125	3	Electric Duct Heater (EDH-1)	2", 4#1 & 1#6EG
? 15	--	-	Electric Duct Heater (EDH-1)	2", 4#1 & 1#6EG
? 17	--	-	Electric Duct Heater (EDH-1)	2", 4#1 & 1#6EG
?& 19	30	3	Kitchen Supply Fan (KSF-2)	3/4", 4#10 & 1#10EG
?& 21	--	-	Kitchen Supply Fan (KSF-2)	3/4", 4#10 & 1#10EG
?& 23	--	-	Kitchen Supply Fan (KSF-2)	3/4", 4#10 & 1#10EG
? 25	15	3	Kitchen Exhaust Fan (KEF-2)	
? 27	--	-	Kitchen Exhaust Fan (KEF-2)	
? 29	--	-	Kitchen Exhaust Fan (KEF-2)	
31	20	1	Night Lights	
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	"LCP-HA2" Power	
4	20	1	Lights	
? 6	50	3	Heat Pump Unit (HP-1A, Module #2)	1", 4#8 & 1#10EG
? 8	--	-	Heat Pump Unit (HP-1A, Module #2)	1", 4#8 & 1#10EG
? 10	--	-	Heat Pump Unit (HP-1A, Module #2)	1", 4#8 & 1#10EG
? 12	35	3	Air Handling Unit (AHU-1A)	1", 4#8 & 1#10EG
? 14	--	-	Air Handling Unit (AHU-1A)	1", 4#8 & 1#10EG
? 16	--	-	Air Handling Unit (AHU-1A)	1", 4#8 & 1#10EG
?& 18	30	3	Kitchen Supply Fan (KSF-1)	3/4", 4#10 & 1#10EG
?& 20	--	-	Kitchen Supply Fan (KSF-1)	3/4", 4#10 & 1#10EG
?& 22	--	-	Kitchen Supply Fan (KSF-1)	3/4", 4#10 & 1#10EG
? 24	15	3	Kitchen Exhaust Fan (KEF-1)	
? 26	--	-	Kitchen Exhaust Fan (KEF-1)	
? 28	--	-	Kitchen Exhaust Fan (KEF-1)	
30	20	1	Lights	
^ 32	20	1	Exterior Lights	1/2", 2#10 & 1#10EG
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	20	1	Spare	
42	20	1	Spare	
44	20	1	Spare	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "HA3, 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
225A MLO, 50,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA **, SPD*.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HA3" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	100	3	Transformer "TLA3" & Panel "LA3"	
3	-	-	Transformer "TLA3" & Panel "LA3"	
5	-	-	Transformer "TLA3" & Panel "LA3"	
? 7	50	3	Heat Recover Unit (HR-D, Module #1)	1", 4#8 & 1#10EG
? 9	--	-	Heat Recover Unit (HR-D, Module #1)	1", 4#8 & 1#10EG
? 11	--	-	Heat Recover Unit (HR-D, Module #1)	1", 4#8 & 1#10EG
? 13	15	3	Commercial Dryer	
? 15	-	-	Commercial Dryer	
? 17	-	-	Commercial Dryer	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	"LCP-HA3" Power	
4	20	1	Lights	
? 6	50	3	Heat Recover Unit (HR-D, Module #2)	1", 4#8 & 1#10EG
? 8	--	-	Heat Recover Unit (HR-D, Module #2)	1", 4#8 & 1#10EG
? 10	--	-	Heat Recover Unit (HR-D, Module #2)	1", 4#8 & 1#10EG
? 12	15	3	Commercial Dryer	
? 14	-	-	Commercial Dryer	
? 16	-	-	Commercial Dryer	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "HB1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HB1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	100	3	Transformer "TLB1" & Panel "LB1"	
3	-	-	Transformer "TLB1" & Panel "LB1"	
5	-	-	Transformer "TLB1" & Panel "LB1"	
7	20	1	Lights	
9	20	1	Spare	
11	20	1	Spare	
13	20	1	Spare	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	--	1	Provisions	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	"LCP-HB1" Power	
4	70	1	Emergency Power-Inverter "INVB1"	
? 6	20	3	Welding Exhaust Fab (WEF-1))	3/4", 4#10 & 1#10EG
? 8	--	-	Welding Exhaust Fab (WEF-1))	3/4", 4#10 & 1#10EG
? 10	--	-	Welding Exhaust Fab (WEF-1))	3/4", 4#10 & 1#10EG
12	20	1	Lights	
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "HB3", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
600A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD2.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HB3" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	350	3	Transformer "TLB3" & Panel "LB3"	
3	--	-	Transformer "TLB3" & Panel "LB3"	
5	--	-	Transformer "TLB3" & Panel "LB3"	
? 7	50	3	Heat Recover Unit (HR-C, Module #2)	1", 4#8 & 1#10EG
? 9	--	-	Heat Recover Unit (HR-C, Module #2)	1", 4#8 & 1#10EG
? 11	--	-	Heat Recover Unit (HR-C, Module #2)	1", 4#8 & 1#10EG
? 13	45	3	Heat Pump Unit (HP-5)	1", 4#8 & 1#10EG
? 15	--	-	Heat Pump Unit (HP-5)	1", 4#8 & 1#10EG
? 17	--	-	Heat Pump Unit (HP-5)	1", 4#8 & 1#10EG
? 19	30	3	Makeup Air Handling Unit (MAU-6)	3/4", 4#10 & 1#10EG
? 21	--	-	Makeup Air Handling Unit (MAU-6)	3/4", 4#10 & 1#10EG
? 23	--	-	Makeup Air Handling Unit (MAU-6)	3/4", 4#10 & 1#10EG
25	20	1	Lights	
27	20	1	Lights	
^ 29	20	1	Lights	
? 31	50	3	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 33	-	-	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 35	-	-	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 37	50	3	300 TIG Welder	1", 4#8 & 1#10EG
? 39	-	-	300 TIG Welder	1", 4#8 & 1#10EG
? 41	-	-	300 TIG Welder	1", 4#8 & 1#10EG
? 43	50	3	302 Booth Welder	1", 4#8 & 1#10EG
? 45	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 47	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 49	50	3	302 Booth Welder	1", 4#8 & 1#10EG
? 51	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 53	-	-	302 Booth Welder	1", 4#8 & 1#10EG
55	20	1	Spare	
57	20	1	Spare	
59	20	1	Spare	
61	20	1	Spare	
63	20	1	Spare	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
73	--	1	Provisions	
75	--	1	Provisions	
77	--	1	Provisions	
79	--	1	Provisions	
81	--	1	Provisions	
83	--	1	Provisions	
2	20	1	"LCP-HB3" Power	
? 4	50	3	Heat Recover Unit (HR-C, Module #1)	1", 4#8 & 1#10EG
? 6	--	-	Heat Recover Unit (HR-C, Module #1)	1", 4#8 & 1#10EG
? 8	--	-	Heat Recover Unit (HR-C, Module #1)	1", 4#8 & 1#10EG
? 10	30	3	Makeup Air Handling Unit (MAU-5)	3/4", 4#10 & 1#10EG
? 12	--	-	Makeup Air Handling Unit (MAU-5)	3/4", 4#10 & 1#10EG
? 14	--	-	Makeup Air Handling Unit (MAU-5)	3/4", 4#10 & 1#10EG
? 16	45	3	Heat Pump Unit (HP-6)	1", 4#8 & 1#10EG
? 18	--	-	Heat Pump Unit (HP-6)	1", 4#8 & 1#10EG
? 20	--	-	Heat Pump Unit (HP-6)	1", 4#8 & 1#10EG
? 22	15	3	Welding Supply Fan (WSF-1)	3/4", 4#10 & 1#10EG
? 24	--	-	Welding Supply Fan (WSF-1)	3/4", 4#10 & 1#10EG
? 26	--	-	Welding Supply Fan (WSF-1)	3/4", 4#10 & 1#10EG
^ 28	20	1	Lights	
? 30	50	3	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 32	-	-	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 34	-	-	300 TIG Welder on Column	1", 4#8 & 1#10EG
? 36	50	3	300 TIG Welder	1", 4#8 & 1#10EG
? 38	-	-	300 TIG Welder	1", 4#8 & 1#10EG
? 40	-	-	300 TIG Welder	1", 4#8 & 1#10EG
? 42	50	3	302 Booth Welder	1", 4#8 & 1#10EG
? 44	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 46	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 48	50	3	302 Booth Welder	1", 4#8 & 1#10EG
? 50	-	-	302 Booth Welder	1", 4#8 & 1#10EG
? 52	-	-	302 Booth Welder	1", 4#8 & 1#10EG
54	20	1	Spare	
56	20	1	Spare	
58	20	1	Spare	
60	20	1	Spare	
62	20	1	Spare	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	
74	--	1	Provisions	
76	--	1	Provisions	
78	--	1	Provisions	
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	

Panel "HC1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
350A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HC1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	175	3	Transformer "TLC1 & Panel "LC1"	
3	--	-	Transformer "TLC1 & Panel "LC1"	
5	--	-	Transformer "TLC1 & Panel "LC1"	
^ 7	20	1	Lights	
9	20	1	Lights	
? 11	50	3	Heat Recover Unit (HR-B)	1", 4#8 & 1#10EG
? 13	--	-	Heat Recover Unit (HR-B)	1", 4#8 & 1#10EG
? 15	--	-	Heat Recover Unit (HR-B)	1", 4#8 & 1#10EG
? 17	45	3	Heat Pump Unit (HP-2)	1", 4#8 & 1#10EG
? 19	--	-	Heat Pump Unit (HP-2)	1", 4#8 & 1#10EG
? 21	--	-	Heat Pump Unit (HP-2)	1", 4#8 & 1#10EG
? 23	30	3	Makeup Air Handling Unit (MAU-2)	3/4", 4#10 & 1#10EG
? 25	--	-	Makeup Air Handling Unit (MAU-2)	3/4", 4#10 & 1#10EG
? 27	--	-	Makeup Air Handling Unit (MAU-2)	3/4", 4#10 & 1#10EG
? 29	30	3	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 31	-	-	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 33	-	-	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 35	30	3	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
? 37	-	-	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
? 39	-	-	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	20	1	Spare	
49	20	1	Spare	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
73	--	1	Provisions	
75	--	1	Provisions	
77	--	1	Provisions	
79	--	1	Provisions	
81	--	1	Provisions	
83	--	1	Provisions	
85	--	1	Provisions	
87	--	1	Provisions	
89	--	1	Provisions	
91	--	1	Provisions	
93	--	1	Provisions	
95	--	1	Provisions	
97	--	1	Provisions	
99	--	1	Provisions	
101	--	1	Provisions	
^ 2	20	1	Lights	
^ 4	20	1	Lights	
6	20	1	"LCP-HC1" Power	
8	70	1	Emergency Power-Inverter "INVC1" Power	
? 10	50	3	Heat Recover Unit (HR-A)	1", 4#8 & 1#10EG
? 12	--	-	Heat Recover Unit (HR-A)	1", 4#8 & 1#10EG
? 14	--	-	Heat Recover Unit (HR-A)	1", 4#8 & 1#10EG
? 16	45	3	Heat Pump Unit (HP-1)	1", 4#8 & 1#10EG
? 18	--	-	Heat Pump Unit (HP-1)	1", 4#8 & 1#10EG
? 20	--	-	Heat Pump Unit (HP-1)	1", 4#8 & 1#10EG
? 22	30	3	Makeup Air Handling Unit (MAU-1)	3/4", 4#10 & 1#10EG
? 24	--	-	Makeup Air Handling Unit (MAU-1)	3/4", 4#10 & 1#10EG
? 26	--	-	Makeup Air Handling Unit (MAU-1)	3/4", 4#10 & 1#10EG
? 28	30	3	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 30	-	-	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 32	-	-	Sallyport Sliding Vehicular Gate	1", 4#8 & 1#10EG
? 34	30	3	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
? 36	-	-	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
? 38	-	-	Sallyport Roll-up Vehicular Gate	3/4", 4#10 & 1#10EG
40	20	1	Spare	
42	20	1	Spare	
44	20	1	Spare	
46	20	1	Spare	
48	20	1	Spare	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	
74	--	1	Provisions	
76	--	1	Provisions	
78	--	1	Provisions	
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	
86	--	1	Provisions	
88	--	1	Provisions	
90	--	1	Provisions	
92	--	1	Provisions	
94	--	1	Provisions	
96	--	1	Provisions	
98	--	1	Provisions	
100	--	1	Provisions	
102	--	1	Provisions	

1 ELECTRICAL PANEL SCHEDULES (1 of 5)
No Scale

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:01 PM

Grace
Design Studios

W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER IN ELECTRICAL & CONTROL SYSTEMS ENGINEERING
STATE OF LOUISIANA

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E504

Panel "HC2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HC2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	100		Transformer "TLC2" & Panel "LC2"	
3	-	-	Transformer "TLC2" & Panel "LC2"	
5	-	-	Transformer "TLC2" & Panel "LC2"	
7	20	1	Lights	1/2", 2#10 & 1#10EG
^ 9	20	1	Lights	1/2", 2#10 & 1#10EG
? 11	30	3	Makeup Air Handling Unit (MAU-3)	3/4", 4#10 & 1#10EG
? 13	--	-	Makeup Air Handling Unit (MAU-3)	3/4", 4#10 & 1#10EG
? 15	--	-	Makeup Air Handling Unit (MAU-3)	3/4", 4#10 & 1#10EG
? 17	45	3	Heat Pump Unit (HP-4)	1", 4#8 & 1#10EG
? 19	--	-	Heat Pump Unit (HP-4)	1", 4#8 & 1#10EG
? 21	--	-	Heat Pump Unit (HP-4)	1", 4#8 & 1#10EG
? 23	50	3	Heat Recover Unit (HR-O)	1", 4#8 & 1#10EG
? 25	--	-	Heat Recover Unit (HR-O)	1", 4#8 & 1#10EG
? 27	--	-	Heat Recover Unit (HR-O)	1", 4#8 & 1#10EG
29	20	1	Spare	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
^ 2	20	1	Lights	
^ 4	20	1	Exterior Lights	
6	20	1	"LCP-HC2" Power	
? 8	45	3	Heat Pump Unit (HP-3)	1", 4#8 & 1#10EG
? 10	--	-	Heat Pump Unit (HP-3)	1", 4#8 & 1#10EG
? 12	--	-	Heat Pump Unit (HP-3)	1", 4#8 & 1#10EG
? 14	15	3	Electric Unit Heater (EUH-1)	
? 16	--	-	Electric Unit Heater (EUH-1)	
? 18	--	-	Electric Unit Heater (EUH-1)	
? 20	30	3	Makeup Air Handling Unit (MAU-4)	3/4", 4#10 & 1#10EG
? 22	--	-	Makeup Air Handling Unit (MAU-4)	3/4", 4#10 & 1#10EG
? 24	--	-	Makeup Air Handling Unit (MAU-4)	3/4", 4#10 & 1#10EG
^ 26	20	1	Parking Lot Lights	3/4", 2#8 & 1#10EG
^ 28	20	1	Perimeter Pole-Mounted Lights	3/4", 2#10 & 1#10EG
30	20	1	Spare	
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	20	1	Spare	
42	20	1	Spare	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	

Panel "HD1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "***" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	100	3	Transformer "THD1" & Panel "LD1"
3	--	-	Transformer "THD1" & Panel "LD1"
5	--	-	Transformer "THD1" & Panel "LD1"
7	20	1	Lights
9	20	1	Spare
11	20	1	Spare
13	20	1	Spare
15	20	1	Spare
17	20	1	Spare
19	20	1	Spare
21	20	1	Spare
23	--	1	Provisions
25	--	1	Provisions
27	--	1	Provisions
29	--	1	Provisions
31	--	1	Provisions
33	--	1	Provisions
35	--	1	Provisions
37	--	1	Provisions
39	--	1	Provisions
41	--	1	Provisions
2	70	1	Emergency Power Inverter "INVD1"
4	20	1	"LCP-HD1" Power
6	20	1	Spare
8	20	1	Spare
10	20	1	Spare
12	20	1	Spare
14	20	1	Spare
16	20	1	Spare
18	20	1	Spare
20	--	1	Provisions
22	--	1	Provisions
24	--	1	Provisions
26	--	1	Provisions
28	--	1	Provisions
30	--	1	Provisions
32	--	1	Provisions
34	--	1	Provisions
36	--	1	Provisions
38	--	1	Provisions
40	--	1	Provisions
42	--	1	Provisions

Panel "HD2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
225A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HD2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	100		Transformer "THD2" & Panel "LD2"	
3	-	-	Transformer "THD2" & Panel "LD2"	
5	-	-	Transformer "THD2" & Panel "LD2"	
7	20	1	Lights	
^ 9	20	1	Flagpole Lights	
11	20	1	Spare	
13	20	1	Spare	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	--	1	Provisions	
27	--	1	Provisions	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
^ 2	20	1	Exterior Lights	1/2", 2#10 & 1#10EG
^ 4	20	1	Lighting	
6	20	1	"LCP-HD2" Power	
? 8	50	3	Heat Recover Unit (HR-P)	1", 4#8 & 1#10EG
? 10	--	-	Heat Recover Unit (HR-P)	1", 4#8 & 1#10EG
? 12	--	-	Heat Recover Unit (HR-P)	1", 4#8 & 1#10EG
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	--	1	Provisions	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "HE1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
250A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HE1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	175	3	Xfmr "TLE1" & Panel "LE1"	
3	-	-	Xfmr "TLE1" & Panel "LE1"	
5	-	-	Xfmr "TLE1" & Panel "LE1"	
7	20	1	Lights	
? 9	45	3	Heat Pump Unit (HP-8)	1", 4#8 & 1#10EG
? 11	--	-	Heat Pump Unit (HP-8)	1", 4#8 & 1#10EG
? 13	--	-	Heat Pump Unit (HP-8)	1", 4#8 & 1#10EG
? 15	35	3	Heat Recovery Unit (HR-G)	1-1/4", 4#6 & 1#10EG
? 17	--	-	Heat Recovery Unit (HR-G)	1-1/4", 4#6 & 1#10EG
? 19	--	-	Heat Recovery Unit (HR-G)	1-1/4", 4#6 & 1#10EG
? 21	30	3	Makeup Air Handling Unit (MAU-9)	1", 4#8 & 1#10EG
? 23	--	-	Makeup Air Handling Unit (MAU-9)	1", 4#8 & 1#10EG
? 25	--	-	Makeup Air Handling Unit (MAU-9)	1", 4#8 & 1#10EG
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2		1	Emergency-Power Inverter "INVE1" Controls Power	
4	20	1	"LCP-HE1" Power	
6	20	1	Lights	
? 8	35	3	Heat Recovery Unit (HR-F)	1-1/4", 4#6 & 1#10EG
? 10	--	-	Heat Recovery Unit (HR-F)	1-1/4", 4#6 & 1#10EG
? 12	--	-	Heat Recovery Unit (HR-F)	1-1/4", 4#6 & 1#10EG
? 14	30	3	Makeup Air Handling Unit (MAU-8)	1", 4#8 & 1#10EG
? 16	--	-	Makeup Air Handling Unit (MAU-8)	1", 4#8 & 1#10EG
? 18	--	-	Makeup Air Handling Unit (MAU-8)	1", 4#8 & 1#10EG
? 20	45	3	Heat Pump Unit (HP-9)	1", 4#8 & 1#10EG
? 22	--	-	Heat Pump Unit (HP-9)	1", 4#8 & 1#10EG
? 24	--	-	Heat Pump Unit (HP-9)	1", 4#8 & 1#10EG
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "HF2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
200A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HF2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	100	3	Transformer "TLF2" & Panel "LF2"	
3	-	-	Transformer "TLF2" & Panel "LF2"	
5	-	-	Transformer "TLF2" & Panel "LF2"	
7	20	1	"LCP-HF2" Power	
9	20	1	Lights	
11	20	1	Spare	
13	20	1	Spare	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	--	1	Provisions	
27	--	1	Provisions	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	Lights	
4	20	1	Lights	1/2", 2#10 & 1#10EG
6	20	1	Lights	
^ 8	20	1	Exterior Lights	1/2", 2#10 & 1#10EG
10	20	1	Spare	
12	20	1	Spare	
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	--	1	Provisions	
26	--	1	Provisions	
28	--	1	Provisions	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "HH3", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
225A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HH3"
? Verify exact electrical requirements in advance.

CKT NO.	AMPS	PL	REMARKS	
1	60	3	Transformer "TLH3" & Panel "LH3"	
3	-	-	Transformer "TLH3" & Panel "LH3"	
5	-	-	Transformer "TLH3" & Panel "LH3"	
? 7	50	3	Heat Pump Unit (HP-1B)	1", 4#8 & 1#10EG
? 9	--	-	Heat Pump Unit (HP-1B)	1", 4#8 & 1#10EG
? 11	--	-	Heat Pump Unit (HP-1B)	1", 4#8 & 1#10EG
? 13	50	3	Electric Duct Heater (EDU-2)	1", 4#8 & 1#10EG
? 15	-	--	Electric Duct Heater (EDU-2)	1", 4#8 & 1#10EG
? 17	-	--	Electric Duct Heater (EDU-2)	1", 4#8 & 1#10EG
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
^ 2	20	1	Gym Lights	
4	20	1	Lights	
6	20	1	"LCP-HH3" Power	
? 8	30	3	Air Handling Unit (AHU-1B)	1", 4#8 & 1#10EG
? 10	--	-	Air Handling Unit (AHU-1B)	1", 4#8 & 1#10EG
? 12	--	-	Air Handling Unit (AHU-1B)	1", 4#8 & 1#10EG
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	--	1	Provisions	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "HG1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
350A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-LG1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	175	3	Transformer "TLG1" & Panel "LG1"	
3	-	-	Transformer "TLG1" & Panel "LG1"	
5	-	-	Transformer "TLG1" & Panel "LG1"	
? 7	35	3	Heat Recovery Unit (HR-N)	1", 4#8 & 1#10EG
? 9	--	-	Heat Recovery Unit (HR-N)	1", 4#8 & 1#10EG
? 11	--	-	Heat Recovery Unit (HR-N)	1", 4#8 & 1#10EG
? 13	45	3	Heat Pump Unit (HP-15)	1", 4#8 & 1#10EG
? 15	--	-	Heat Pump Unit (HP-15)	1", 4#8 & 1#10EG
? 17	--	-	Heat Pump Unit (HP-15)	1", 4#8 & 1#10EG
? 19	30	3	Makeup Air Handling Unit (MAU-15)	3/4", 4#10 & 1#10EG
? 21	--	-	Makeup Air Handling Unit (MAU-15)	3/4", 4#10 & 1#10EG
? 23	--	-	Makeup Air Handling Unit (MAU-15)	3/4", 4#10 & 1#10EG
? 25	35	3	Heat Recovery Unit (HR-L)	1", 4#8 & 1#10EG
? 27	--	-	Heat Recovery Unit (HR-L)	1", 4#8 & 1#10EG
? 29	--	-	Heat Recovery Unit (HR-L)	1", 4#8 & 1#10EG
? 31	30	3	Makeup Air Handling Unit (MAU-13)	3/4", 4#10 & 1#10EG
? 33	--	-	Makeup Air Handling Unit (MAU-13)	3/4", 4#10 & 1#10EG
? 35	--	-	Makeup Air Handling Unit (MAU-13)	3/4", 4#10 & 1#10EG
? 37	45	3	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
? 39	--	-	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
? 41	--	-	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
43	20	1	Lights	
45	20	1	Spare	
47	20	1	Spare	
49	20	1	Spare	
51	20	1	Spare	
53	20	1	Spare	
55	20	1	Spare	
57	20	1	Spare	
59	20	1	Spare	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
73	--	1	Provisions	
75	--	1	Provisions	
77	--	1	Provisions	
79	--	1	Provisions	
81	--	1	Provisions	
83	--	1	Provisions	
2	20	1	"LCP-HG1"	
4	70	1	Emergency Power-Inverter "INVG1"	
6	20	1	Lights	
? 8	35	3	Heat Recovery Unit (HR-M)	1", 4#8 & 1#10EG
? 10	--	-	Heat Recovery Unit (HR-M)	1", 4#8 & 1#10EG
? 12	--	-	Heat Recovery Unit (HR-M)	1", 4#8 & 1#10EG
? 14	45	3	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
? 16	--	-	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
? 18	--	-	Heat Pump Unit (HP-14)	1", 4#8 & 1#10EG
? 20	30	3	Makeup Air Handling Unit (MAU-14)	3/4", 4#10 & 1#10EG
? 22	--	-	Makeup Air Handling Unit (MAU-14)	3/4", 4#10 & 1#10EG
? 24	--	-	Makeup Air Handling Unit (MAU-14)	3/4", 4#10 & 1#10EG
? 26	45	3	Heat Pump Unit (HP-13)	1", 4#8 & 1#10EG
? 28	--	-	Heat Pump Unit (HP-13)	1", 4#8 & 1#10EG
? 30	--	-	Heat Pump Unit (HP-13)	1", 4#8 & 1#10EG
? 32	35	3	Heat Recovery Unit (HR-K)	1", 4#8 & 1#10EG
? 34	--	-	Heat Recovery Unit (HR-K)	1", 4#8 & 1#10EG
? 36	--	-	Heat Recovery Unit (HR-K)	1", 4#8 & 1#10EG
? 38	30	3	Makeup Air Handling Unit (MAU-12)	3/4", 4#10 & 1#10EG
? 40	--	-	Makeup Air Handling Unit (MAU-12)	3/4", 4#10 & 1#10EG
? 42	--	-	Makeup Air Handling Unit (MAU-12)	3/4", 4#10 & 1#10EG
44	20	1	Lights	
46	20	1	Spare	
48	20	1	Spare	
50	20	1	Spare	
52	20	1	Spare	
54	20	1	Spare	
56	20	1	Spare	
58	20	1	Spare	
60	20	1	Spare	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	
74	--	1	Provisions	
76	--	1	Provisions	
78	--	1	Provisions	
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	

Panel "HG2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
150A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HG2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	100	3	Transformer "TLG2" & Panel "LG2"
3	-	-	Transformer "TLG2" & Panel "LG2"
5	-	-	Transformer "TLG2" & Panel "LG2"
7	20	1	Night Lights
9	20	1	Lights
11	20	1	Spare
13	20	1	Spare
15	20	1	Spare
17	20	1	Spare
19	20	1	Spare
21	20	1	Spare
23	20	1	Spare
25	--	1	Provisions
27	--	1	Provisions
29	--	1	Provisions
31	--	1	Provisions
33	--	1	Provisions
35	--	1	Provisions
37	--	1	Provisions
39	--	1	Provisions
41	--	1	Provisions
2	20	1	"LCP-HG2" Power
4	20	1	Lights
6	20	1	Lights
8	20	1	Night Lights
^ 10	20	1	Exterior Lights
12	20	1	Spare
14	20	1	Spare
16	20	1	Spare
18	20	1	Spare
20	20	1	Spare
22	20	1	Spare
24	20	1	Spare
26	--	1	Provisions
28	--	1	Provisions
30	--	1	Provisions
32	--	1	Provisions
34	--	1	Provisions
36	--	1	Provisions
38	--	1	Provisions
40	--	1	Provisions
42	--	1	Provisions

Panel "HH1", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
350A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HH1" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	175	3	Transformer "TLH1" & Panel "LH1"	
3	-	-	Transformer "TLH1" & Panel "LH1"	
5	-	-	Transformer "TLH1" & Panel "LH1"	
7	70	1	Emergrncy Power-Inverter "INVH1"	
? 9	45	3	Heat Pump Unit (HP-11)	1", 4#8 & 1#10EG
? 11	--	-	Heat Pump Unit (HP-11)	1", 4#8 & 1#10EG
? 13	--	-	Heat Pump Unit (HP-11)	1", 4#8 & 1#10EG
? 15	50	3	Heat Recovery Unit (HR-H)	1", 4#8 & 1#10EG
? 17	--	-	Heat Recovery Unit (HR-H)	1", 4#8 & 1#10EG
? 19	--	-	Heat Recovery Unit (HR-H)	1", 4#8 & 1#10EG
21	45	3	Heat Pump Unit (HP-10)	1", 4#8 & 1#10EG
23	--	-	Heat Pump Unit (HP-10)	1", 4#8 & 1#10EG
25	--	-	Heat Pump Unit (HP-10)	1", 4#8 & 1#10EG
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
2	20	1	Lights	
4	20	1	Lights	
6	20	1	"LCP-HH1" Power	
? 8	50	3	Heat Pump Unit (HP-J)	1", 4#8 & 1#10EG
? 10	--	-	Heat Pump Unit (HP-J)	1", 4#8 & 1#10EG
? 12	--	-	Heat Pump Unit (HP-J)	1", 4#8 & 1#10EG
? 14	30	3	Makeup Air Handling Unit (MAU-11)	1", 4#8 & 1#10EG
? 16	--	-	Makeup Air Handling Unit (MAU-11)	1", 4#8 & 1#10EG
? 18	--	-	Makeup Air Handling Unit (MAU-11)	1", 4#8 & 1#10EG
? 20	30	3	Makeup Air Handling Unit (MAU-10)	1", 4#8 & 1#10EG
? 22	--	-	Makeup Air Handling Unit (MAU-10)	1", 4#8 & 1#10EG
? 24	--	-	Makeup Air Handling Unit (MAU-10)	1", 4#8 & 1#10EG
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	20	1	Spare	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	

Panel "HH2", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
150A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HH2" & Shunt-Trip-Type Circuit Breaker
? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	100		Transformer "TLH2" & Panel "LH2"
3	-	-	Transformer "TLH2" & Panel "LH2"
5		-	Transformer "TLH2" & Panel "LH2"
7	20	1	Lights
^ 9	20	1	Perimeter Pole-Moulnted Lights
^ 11	20	1	Exterior Lights
13	20	1	Spare
15	20	1	Spare
17	20	1	Spare
19	20	1	Spare
21	20	1	Spare
23	20	1	Spare
25	20	1	Spare
27	--	1	Provisions
29	--	1	Provisions
31	--	1	Provisions
33	--	1	Provisions
35	--	1	Provisions
37	--	1	Provisions
39	--	1	Provisions
41	--	1	Provisions
^ 2	20	1	Lights
4	20	1	Lights
6	20	1	Night Lights
8	20	1	Night Lights
10	20	1	"LCP-HH2" Power
12	20	1	Spare
14	20	1	Spare
16	20	1	Spare
18	20	1	Spare
20	20	1	Spare
22	20	1	Spare
24	20	1	Spare
26	--	1	Provisions
28	--	1	Provisions
30	--	1	Provisions
32	--	1	Provisions
34	--	1	Provisions
36	--	1	Provisions
38	--	1	Provisions
40	--	1	Provisions
42	--	1	Provisions

Panel "HM3", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
150A MCB, 35,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HM3"
? Verify exact electrical requirements in advance.

CKT NO.	AMPS	PL	REMARKS	
1	100	3	Transformer "TLM3" & Panel "LM3"	
3	-	-	Transformer "TLM3" & Panel "LM3"	
5	-	-	Transformer "TLM3" & Panel "LM3"	
7	20	1	LCP-HM3 Power	
? 9	50	3	Heat Recovery Unit (HR-Q)	1", 4#8 & 1#10EG
? 11	--	-	Heat Recovery Unit (HR-Q)	1", 4#8 & 1#10EG
? 13	--	-	Heat Recovery Unit (HR-Q)	1", 4#8 & 1#10EG
? 15	15	3	Ceiling Fan	
? 17	-	-	Ceiling Fan	
? 19	-	-	Ceiling Fan	
? 21	15	3	Ceiling Fan	
? 23	-	-	Ceiling Fan	
? 25	-	-	Ceiling Fan	
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	--	1	Provisions	
41	--	1	Provisions	
? 2	15	3	Ceiling Fan	
? 4	-	-	Ceiling Fan	
? 6	-	-	Ceiling Fan	
8	30	1	Emergency Power-Inverter Power "INVM3"	
? 10	15	3	Ceiling Fan	
? 12	-	-	Ceiling Fan	
? 14	-	-	Ceiling Fan	
16	20	1	Lights	
^ 18	20	1	Exterior Lights	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Emergency Power Inverter System "INVA1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HA1"

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Lights	
3	20	1	Spare	
5	20	1	Spare	
7	20	1	Spare	
^ 2	20	1	Exterior Emergency Lights	1/2", 2#10 & 1#10EG
4	20	1	Spare	
6	20	1	Spare	
8	20	1	Spare	

Emergency Power Inverter System "INVB1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HB1"

CKT NO.	AMPS	PL	REMARKS
^ 1	20	1	Emergency Lights
3	20	1	Spare
5	20	1	Spare
7	20	1	Spare
2	20	1	Emergency Lights
4	20	1	Spare
6	20	1	Spare
8	20	1	Spare

Emergency Power Inverter System "INVC1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HC1"

CKT NO.	AMPS	PL	REMARKS	
^ 1	20	1	Emergency Lights	
^ 3	20	1	Emergency Lights	
^ 5	20	1	Emergency Lights	
7	20	1	Spare	
9	20	1	Spare	
11	20	1	Spare	
2	20	1	Emergency Lights	
^ 4	20	1	Emergency Lights	1/2", 2#10 & 1#10EG
^ 6	20	1	Exterior Emergency Lights	
8	20	1	Spare	
10	20	1	Spare	
12	20	1	Spare	

Emergency Power Inverter System "INVD1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HD1"

CKT NO.	AMPS	PL	REMARKS
1	20	1	Emergency Lights
^ 3	20	1	Emergency Lights
5	20	1	Spare
7	20	1	Spare
^ 2	20	1	Exterior Emergency Lights
4	20	1	Spare
6	20	1	Spare
8	20	1	Spare

Emergency Power Inverter System "INVE1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HE1"

CKT NO.	AMPS	PL	REMARKS
1	20	1	Emergency Lights
^ 3	20	1	Emergency Lights
5	20	1	Spare
7	20	1	Spare
2	20	1	Emergency Lights
^ 4	20	1	Exterior Emergency Lights
6	20	1	Spare
8	20	1	Spare

Emergency Power Inverter System "INVG1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HG1"

CKT NO.	AMPS	PL	REMARKS
1	20	1	Emergency Lights
^ 3	20	1	Emergency Lights
^ 5	20	1	Exterior Emergency Lights
7	20	1	Spare
2	20	1	Emergency Lights
4	20	1	Emergency Lights
6	20	1	Spare
8	20	1	Spare

Emergency Power Inverter System "INVH1"; 12.5kVA/12.5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 60A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HH1"

CKT NO.	AMPS	PL	REMARKS
^ 1	20	1	Emergency Lights
3	20	1	Emergency Lights
^ 5	20	1	Emergency Lights
7	20	1	Spare
2	20	1	Emergency Lights
^ 4	20	1	Gym Emergency Lights
6	20	1	Spare
8	20	1	Spare

Emergency Power Inverter System "INVHM3"; 5kVA/5kW,
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Input;
277V, 1-Phase, 2-Wire (Plus Equipment Ground) Output;
Solid Neutral, 25A/1P Input MCB, 10000 A.I.C.

^ Through a 20A/1P control relay in Lighting Control Panel "LCP-HM3"

CKT NO.	AMPS	PL	REMARKS
1	20	1	Emergency Lights
3	20	1	Spare
5	20	1	Spare
^ 2	20	1	Exteror Emergency Lights
4	20	1	Spare
6	20	1	Spare

1 ELECTRICAL PANEL SCHEDULES (2 of 5)
No Scale

Grace
Design Studios

STATE OF LOUISIANA
W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E505

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:02 PM

Panel "LA1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD*.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Television(s) Power	1/2", 2#10 & 1#10EG
5	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
? 7	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 9	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
11	20	1	Smoke Dampers	
13	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
# 15	20	1	Electric Bottle Filler (BF-1)	
17	20	1	Emergency-Generation-System Main Control Panel	
19	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
21	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 4	20	1	Electric Water Cooler	1/2", 2#10 & 1#10EG
6	20	1	Receptacles	1/2", 2#10 & 1#10EG
8	20	1	Energy Managemant System (EMS)	
? 10	20	2	Fan Coil Units (FCE-1,2,3,4,5)	1/2", 2#10 & 1#10EG
? 12	--	-	Fan Coil Units (FCE-1,2,3,4,5)	1/2", 2#10 & 1#10EG
? 14	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
16	175	3	Panel "LGY1"	
18	--	-	Panel "LGY1"	
20	--	-	Panel "LGY1"	
22	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	20	1	Spare	
34	20	1	Spare	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "LA2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
110A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
5	20	1	Spare	
7	20	1	Exhaust Fans (EF-26,27,28,29,30)	1/2", 2#10 & 1#10EG
9	20	1	Roof-Mounted Receptacle	1/2", 2#10 & 1#10EG
? 11	20	1	Instantaneous Water Heaters (WH-7A,7B,7C)	1/2", 2#10 & 1#10EG
13	20	1	Spare	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	--	1	Provisions	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
4	20	1	Spare	
6	20	1	Energy Management System (EMS)	1/2", 2#10 & 1#10EG
8	20	1	HVAC Temperature Controls	1/2", 2#10 & 1#10EG
? 10	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
12	20	1	Spare	
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	--	1	Provisions	
28	--	1	Provisions	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LA3", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
? 3	20	2	Fan Coil Units (FCD-1,2,3,4,5,6,9,10)	1", 3#8 & 1#10EG
? 5	--	-	Fan Coil Units (FCD-1,2,3,4,5,6,9,10)	1", 3#8 & 1#10EG
? 7	40	3	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
? 9	-	-	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
? 11	-	-	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
13	20	1	Spare	
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	--	1	Provisions	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
# 2	20	1	Exterior Receptacles	
? 4	20	2	Fan Coil Units (FCD-7,8,11-17)	1", 3#8 & 1#10EG
? 6	--	-	Fan Coil Units (FCD-7,8,11-17)	1", 3#8 & 1#10EG
? 8	40	3	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
? 10	-	-	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
? 12	-	-	Commercial Washing Machine	1-1/4", 4#6 & 1#10EG
14	20	1	Spare	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	--	1	Provisions	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LB1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
5	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
7	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
9	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
11	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
? 13	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 15	-	-	Data Rack Power	1", 3#8 & 1#10EG
? 17	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 19	-	-	Data Rack Power	1", 3#8 & 1#10EG
21	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
23	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
25	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
27	20	1	Spare	
29	20	1	Spare	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
43	--	1	Provisions	
45	--	1	Provisions	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
2	20	1	Telecommunication Backboard	1/2", 2#10 & 1#10EG
4	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
6	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
8	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
10	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
12	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
? 14	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 16	-	-	Data Rack Power	1", 3#8 & 1#10EG
18	20	1	Telecommunication Backboard	1/2", 2#10 & 1#10EG
? 20	30	2	Mini-Split System (MSU/WMU)	1", 3#8 & 1#10EG
? 22	--	-	Mini-Split System (MSU/WMU)	1", 3#8 & 1#10EG
24	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	--	1	Provisions	
42	--	1	Provisions	
44	--	1	Provisions	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	

Panel "LB3", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
600A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD2.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Smartboard(s) Power	
5	20	1	Receptacles	
7	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
9	20	1	Smartboard(s) Power	1/2", 2#10 & 1#10EG
11	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
13	20	1	Receptacles	1/2", 2#10 & 1#10EG
15	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
17	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
19	20	1	Smartboard(s) Power	1/2", 2#10 & 1#10EG
21	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
23	20	1	Smartboard(s) Power	1/2", 2#10 & 1#10EG
25	20	1	Receptacles	1/2", 2#10 & 1#10EG
27	20	1	Copier Power	1/2", 2#10 & 1#10EG
# 29	20	1	Coffee Maker Power	1/2", 2#10 & 1#10EG
# 31	20	1	Refigerator Power	1/2", 2#10 & 1#10EG
# 33	20	1	Break Room Counter Receptacles	1/2", 2#10 & 1#10EG
35	20	1	Receptacles	1/2", 2#10 & 1#10EG
37	20	1	Receptacles	1/2", 2#10 & 1#10EG
39	20	1	Smartboard(s) Power	1/2", 2#10 & 1#10EG
41	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
43	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
? 45	20	1	Cosmotology Equipment	1/2", 2#10 & 1#10EG
47	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
49	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
51	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
53	20	1	Grinder/Buffer Power	1/2", 2#10 & 1#10EG
55	20	1	Chop Saw Power	
57	20	1	Energy Management System (EMS)	
? 59	20	2	Fan Coil Units (FCC-6,10-17)	1/2", 3#10 & 1#10EG
? 61	--	-	Fan Coil Units (FCC-6,10-17)	1/2", 3#10 & 1#10EG
63	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 65	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
? 67	20	1	Instantaneous Water Heaters (WH-8A,8B,8C)	1/2", 2#10 & 1#10EG
69	20	1	Welding Shop Power Cord Reel/Receptacle	1/2", 2#10 & 1#10EG
71	20	1	Welding Shop Power Cord Reel/Receptacle	
? 73	100	2	200 TIG Welder or 250 Welder on Column	1-1/4", 3#2 & 1#6EG
? 75	-	-	200 TIG Welder or 250 Welder on Column	1-1/4", 3#2 & 1#6EG
77	20	1	Duplex Receptacle on Column	1/2", 2#10 & 1#10EG
? 79	150	2	Shopmaster CC/CV Welder	2-1/2", 4#2/0 & 1#6EG
? 81	-	-	Shopmaster CC/CV Welder	2-1/2", 4#2/0 & 1#6EG
? 83	100	2	200 Tig Welder	1-1/4", 3#2 & 1#6EG
? 85	-	-	200 Tig Welder	1-1/4", 3#2 & 1#6EG
87	20	1	Welding Shop Receptacles	
? 89	70	3	Air Compressor	1-1/4", 4#3 & 1#8EG
? 91	-	-	Air Compressor	1-1/4", 4#3 & 1#8EG
? 93	-	-	Air Compressor	1-1/4", 4#3 & 1#8EG
? 95	20	1	Welding Booth Integral GFCI Receptacle	
? 97	20	1	Welding Booth Fan Motor & Light	
99	20	1	Spare	
101	20	1	Spare	
103	20	1	Spare	
105	20	1	Spare	
107	20	1	Spare	
109	20	1	Spare	
111	20	1	Spare	
113	20	1	Spare	
115	20	1	Spare	
117	--	1	Provisions	
119	--	1	Provisions	
121	--	1	Provisions	
123	--	1	Provisions	
125	--	1	Provisions	
2	20	1	Smartboard(s) Power	
4	20	1	Computer Receptacles	
6	20	1	Computer Receptacles	
8	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
10	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
12	20	1	Receptacles	1/2", 2#10 & 1#10EG
14	20	1	Receptacles	1/2", 2#10 & 1#10EG
16	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
18	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
20	20	1	Smartboard(s) Power	1/2", 2#10 & 1#10EG
22	20	1	Receptacles	1/2", 2#10 & 1#10EG
24	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
26	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 28	20	1	Microwave Power	1/2", 2#10 & 1#10EG
# 30	20	1	Microwave Power	1/2", 2#10 & 1#10EG
# 32	20	1	Electric Water Cooler	1/2", 2#10 & 1#10EG
34	20	1	Receptacles	1/2", 2#10 & 1#10EG
36	20	1	Receptacles	1/2", 2#10 & 1#10EG
38	20	1	Receptacles	1/2", 2#10 & 1#10EG
40	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
42	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
44	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
? 46	20	1	Cosmotology Equipment	1/2", 2#10 & 1#10EG
48	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
50	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
52	20	1	Tool Room Quadruplex	1/2", 2#10 & 1#10EG
# 54	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
56	20	1	Dry Rod Oven Power	
? 58	20	2	Fan Coil Units (FCC-1,2,3,4,5,7,8,9)	1/2", 3#10 & 1#10EG
? 60	--	-	Fan Coil Units (FCC-1,2,3,4,5,7,8,9)	1/2", 3#10 & 1#10EG
62	20	1	Exhaust Fans (EF-17,18,19,20,21,22,23,24,25)	1/2", 2#10 & 1#10EG
64	20	1	Roof-Mounted Receptacle	1/2", 2#10 & 1#10EG
66	20	1	H.W. Circulating Pumps (CP-8A,8B)	
# 68	20	1	Electric Bottle Filler (BF-1)	
70	20	1	Welding Shop Power Cord Reel/Receptacle	
72	20	1	Welding Shop Power Cord Reel/Receptacle	
? 74	150	2	Shopmaster CC/CV Welder on Column	2", 3#2/0 & 1#6EG
? 76	-	-	Shopmaster CC/CV Welder on Column	2", 3#2/0 & 1#6EG
? 78	100	2	250 Welder	1-1/4", 3#2 & 1#6EG
? 80	-	-	250 Welder	1-1/4", 3#2 & 1#6EG
? 82	150	2	Shopmaster CC/CV Welder	2-1/2", 4#2/0 & 1#6EG
? 84	-	-	Shopmaster CC/CV Welder	2-1/2", 4#2/0 & 1#6EG
86	20	1	Welding Shop Receptacles	1/2", 2#10 & 1#10EG
? 88	20	1	Welding Booth Integral GFCI Receptacle	1/2", 2#10 & 1#10EG
? 90	20	1	Welding Booth Fan Motor & Light	1/2", 2#10 & 1#10EG
? 92	20	1	Welding Booth Fan Motor & Light	1/2", 2#10 & 1#10EG
? 94	20	1	Welding Booth Integral GFCI Receptacle	
? 96	20	1	Welding Booth Integral GFCI Receptacle	
? 98	20	1	Welding Booth Fan Motor & Light	
100	20	1	Spare	
102	20	1	Spare	
104	20	1	Spare	
106	20	1	Spare	
108	20	1	Spare	
110	20	1	Spare	
112	20	1	Spare	
114	20	1	Spare	
116	20	1	Spare	
118	--	1	Provisions	
120	--	1	Provisions	
122	--	1	Provisions	
124	--	1	Provisions	
126	--	1	Provisions	

Panel "LC1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Bio Hazard Receptacle	
5	20	1	Receptacles	
7	20	1	Receptacles	
9	20	1	Computer Receptacles	
? 11	20	1	Dental Chair Control Valve	
? 13	30	2	X-Ray Equipment	1/2", 3#10 & 1#10EG
? 15	-	-	X-Ray Equipment	1/2", 3#10 & 1#10EG
17	20	1	Receptacles	
19	20	1	Computer Receptacles	
21	20	1	Computer Receptacles	
23	20	1	Receptacles	
25	20	1	Receptacles	
27	20	1	Televisions	1/2", 2#10 & 1#10EG
29	20	1	Computer Receptacles	
31	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
33	20	1	Receptacles	
35	20	1	Receptacles	
# 37	20	1	Coffee Maker	
39	20	1	Receptacles	
41	20	1	Modular Furniture	
43	20	1	Modular Furniture	
45	20	1	Modular Furniture	
47	20	1	Modular Furniture	
# 49	20	1	Refrigerator	
# 51	20	1	Lab Receptacles	
53	20	1	Printer	
55	20	1	Computer Receptacles	
57	20	1	Receptacles	1/2", 2#10 & 1#10EG
59	20	1	Quadruplex	1/2", 2#10 & 1#10EG
61	20	1	Receptacles	1/2", 2#10 & 1#10EG
63	20	1	Scanner Kiosk	1/2", 2#10 & 1#10EG
65	20	1	Body Scanner	1/2", 2#10 & 1#10EG
# 67	20	1	Electric Water Cooler	
? 69	15	2	Fan Coil Units (FCA-6,7,8,9,10)	
? 71	--	-	Fan Coil Units (FCA-6,7,8,9,10)	
73	15	1	Exhaust Fans (EF-1,2,3)	
75	15	1	Exhaust Fans (EF-4,5,6,7,34)	
? 77	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
79	20	1	H.W. Circulating Pumps (CP-2A,2B)	
? 81	20	1	Cold Water Remote Control Valve	
83	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
85	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
87	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
89	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
91	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
93	20	1	Spare	
95	20	1	Spare	
97	20	1	Spare	
99	20	1	Spare	
101	20	1	Spare	
103	--	1	Provisions	
105	--	1	Provisions	
107	--	1	Provisions	
109	--	1	Provisions	
111	--	1	Provisions	
113	--	1	Provisions	
115	--	1	Provisions	
117	--	1	Provisions	
119	--	1	Provisions	
121	--	1	Provisions	
123	--	1	Provisions	
125	--	1	Provisions	
2	20	1	Receptacles	
4	20	1	Med Cart Receptacle	
6	20	1	Receptacles	
8	20	1	Copier	
10	20	1	Receptacles	
? 12	20	1	Dental Chair Air Compressor	
? 14	20	1	X-Ray Equipment	
? 16	20	1	Dental Chair Power	
18	20	1	Receptacles	
20	20	1	Receptacles	
22	20	1	Receptacles	
24	20	1	Receptacles	
26	20	1	Quadruplexes	
28	20	1	Computer Receptacles	
30	20	1	Computer Receptacles	
32	20	1	Receptacles	
34	20	1	Receptacles	
# 36	20	1	Refrigerator	
# 38	20	1	Microwave	
40	20	1	Receptacles	1/2", 2#10 & 1#10EG
42	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 44	20	1	Break Room Receptacles	
46	20	1	Receptacles	
# 48	20	1	Refrigerator	
# 50	20	1	Freezer	
52	20	1	Receptacles	1/2", 2#10 & 1#10EG
54	20	1	Printer	
56	20	1	Computer Receptacles	
58	20	1	Quadruplex	1/2", 2#10 & 1#10EG
60	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
62	20	1	Receptacles	1/2", 2#10 & 1#10EG
64	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
66	20	1	Body Scanner	1/2", 2#10 & 1#10EG
? 68	20	2	Fan Coil Units (FCA-1,2,3,4,5)	1/2", 3#10 & 1#10EG
? 70	--	-	Fan Coil Units (FCA-1,2,3,4,5)	1/2", 3#10 & 1#10EG
? 72	15	2	Fan Coil Units (FCB-1 thru FCB-21)	
? 74	--	-	Fan Coil Units (FCB-1 thru FCB-21)	
76	20	1	Energy Management System (EMS)	
? 78	20	1	Instantaneous Water Heaters (WH-2A,2B,2C)	1/2", 2#10 & 1#10EG
# 80	20	1	Electric Bottle Filler (BF-1)	
82	20	1	Security Detention Door Lock Power	1", 2#8 & 1#10EG
84	20	1	Security Detention Door Lock Power	1", 2#10 & 1#10EG
86	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
88	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
90	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
92	20	1	Spare	
94	20	1	Spare	
96	20	1	Spare	
98	20	1	Spare	
100	20	1	Spare	
102	--	1	Provisions	
104	--	1	Provisions	
106	--	1	Provisions	
108	--	1	Provisions	
110	--	1	Provisions	
112	--	1	Provisions	
114	--	1	Provisions	
116	--	1	Provisions	
118	--	1	Provisions	
120	--	1	Provisions	
122	--	1	Provisions	
124	--	1	Provisions	
126	--	1	Provisions	

Panel "LC2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	TV/Computer Receptacle	
5	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 7	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
9	20	1	Receptacles	1/2", 2#10 & 1#10EG
11	20	1	Receptacles	1/2", 2#10 & 1#10EG
13	20	1	Televisions	1/2", 2#10 & 1#10EG
15	20	1	Televisions	1/2", 2#10 & 1#10EG
17	20	1	Receptacles	1/2", 2#10 & 1#10EG
19	20	1	Receptacles	1/2", 2#10 & 1#10EG
21	20	1	Receptacles	1/2", 2#10 & 1#10EG
23	20	1	Coffee Maker	1/2", 2#10 & 1#10EG
25	20	1	Refrigerator	1/2", 2#10 & 1#10EG
? 27	15	2	Fan Coil Units (FCO-5,9)	
? 29	--	-	Fan Coil Units (FCO-5,9)	
? 31	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
33	20	1	Spare	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	--	1	Provisions	
49	--	1	Provisions	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
2	20	1	Receptacles	
4	20	1	Receptacles	1/2", 2#10 & 1#10EG
6	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
8	20	1	Receptacles	
10	20	1	Receptacles	1/2", 2#10 & 1#10EG
12	20	1	Receptacles	1/2", 2#10 & 1#10EG
14	20	1	Televisions	1/2", 2#10 & 1#10EG
16	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
18	20	1	Receptacles	1/2", 2#10 & 1#10EG
20	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
22	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 24	20	1	Microwave	1/2", 2#10 & 1#10EG
? 26	20	2	Fan Coil Units (FCO-1,2,3,4,6,7,8,10-23)	1/2", 3#10 & 1#10EG
? 28	--	-	Fan Coil Units (FCO-1,2,3,4,6,7,8,10-23)	1/2", 3#10 & 1#10EG
30	20	1	Exhaust Fans (EF-8,9,10,11,12,15,16)	1/2", 2#10 & 1#10EG
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	20	1	Spare	
40	20	1	Spare	
42	20	1	Spare	
44	20	1	Spare	
46	--	1	Provisions	
48	--	1	Provisions	
50	--	1	Provisions	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	

Panel "LD1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Data Rack Equipment	
5	20	1	Data Rack Equipment	
7	20	1	Data Rack Equipment	
9	20	1	Data Rack Equipment	
11	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
13	20	1	Security Electronics Equip.	
15	20	1	Security Electronics Equip.	
17	20	1	Security Electronics Equip.	
19	20	1	Security Electronics Equip.	
21	20	1	Security Electronics Equip.	
23	20	1	Security Electronics Equip.	
? 25	30	2	UPS Power	1/2", 3#10 & 1#10EG
? 27	-	-	UPS Power	1/2", 3#10 & 1#10EG
29	20	1	Spare	
? 31	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 33	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
35	20	1	Computer Receptacles	
37	20	1	Computer Receptacles	
39	20	1	Receptacles	
? 41	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 43	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
45	20	1	Generator Annuciator Panel Power	1/2", 2#10 & 1#10EG
47	20	1	Spare	
49	20	1	Spare	
51	20	1	Spare	
53	20	1	Spare	
55	20	1	Spare	
57	20	1	Spare	
59	20	1	Spare	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
73	--	1	Provisions	
75	--	1	Provisions	
77	--	1	Provisions	
79	--	1	Provisions	
81	--	1	Provisions	
83	--	1	Provisions	
2	20	1	Data Rack Equipment	
4	20	1	Data Rack Equipment	
6	20	1	Data Rack Equipment	
8	20	1	Data Rack Equipment	
10	20	1	Data Rack Equipment	
12	20	1	Security Electronics Equip.	
14	20	1	Security Electronics Equip.	
16	20	1	Security Electronics Equip.	
? 18	30	2	UPS Power	1/2", 3#10 & 1#10EG
? 20	-	-	UPS Power	1/2", 3#10 & 1#10EG
22	20	1	Security Electronics Equip.	
24	20	1	Security Electronics Equip.	
26	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
28	20	1	Spare	
30	20	1	Receptacles	
32	20	1	Receptacles	
34	20	1	Computer Receptacles	
36	20	1	Receptacles	
? 38	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 40	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
42	20	1	Generator Annuciator Panel Power	1/2", 2#10 & 1#10EG
44	20	1	Generator Annuciator Panel Power	1/2", 2#10 & 1#10EG
46	20	1	Spare	
48	20	1	Spare	
50	20	1	Spare	
52	20	1	Spare	
54	20	1	Spare	
56	20	1	Spare	
58	20	1	Spare	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	
74	--	1	Provisions	
76	--	1	Provisions	
78	--	1	Provisions	
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	

1 ELECTRICAL PANEL SCHEDULES (3 of 5)
No Scale

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:03 PM

Grace
Design Studios

STATE OF LOUISIANA
W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E506

Panel "LD2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Receptacles	
5	20	1	Receptacles	
7	20	1	Receptacles	
9	20	1	Computer Receptacles	
11	20	1	Copier Power	
13	20	1	Modular Furniture Power	1/2", 2#10 & 1#10EG
15	20	1	Modular Furniture Power	1/2", 2#10 & 1#10EG
17	20	1	Modular Furniture Power	1/2", 2#10 & 1#10EG
19	20	1	Modular Furniture Power	1/2", 2#10 & 1#10EG
21	20	1	Receptacles/TV Power	
23	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
25	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 27	20	1	Refigerator	1/2", 2#10 & 1#10EG
29	20	1	Microwave	1/2", 2#10 & 1#10EG
31	20	1	Receptacle	1/2", 2#10 & 1#10EG
# 33	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
35	15	1	Exhaust Fans (EF-13,14)	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	20	1	Spare	
49	20	1	Spare	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
2	20	1	Receptacles	
4	20	1	Computer Receptacles	
6	20	1	Receptacles	
8	20	1	Receptacles	
10	20	1	Receptacles	
12	20	1	Receptacles	
14	20	1	Receptacles	1/2", 2#10 & 1#10EG
16	20	1	Receptacles	1/2", 2#10 & 1#10EG
18	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
20	20	1	Quaduplex Receptacles	
22	20	1	Receptacles	
24	20	1	Receptacles	1/2", 2#10 & 1#10EG
26	20	1	Receptacles	
28	20	1	Coffee Maker	1/2", 2#10 & 1#10EG
30	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 32	20	1	Electric Water Cooler	
? 34	20	2	Fan Coil Units (FCP-1A,1B,2-21)	
? 36	--	-	Fan Coil Units (FCP-1A,1B,2-21)	
38	20	1	Spare	
40	20	1	Spare	
42	20	1	Spare	
44	20	1	Spare	
46	20	1	Spare	
48	20	1	Spare	
50	20	1	Spare	
52	--	1	Provisions	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	

Panel "LE1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
? 3	20	1	Data Rack Equipment	
? 5	20	1	Data Rack Equipment	
? 7	20	1	Data Rack Equipment	
? 9	20	1	Data Rack Equipment	
? 11	20	1	Data Rack Equipment	
13	20	1	Computer Receptacles	
15	20	1	Television(s) Power	
17	20	1	Receptacles	
? 19	20	1	Security Electronics Equip.	
? 21	20	1	Security Electronics Equip.	
? 23	20	1	Security Electronics Equip.	
25	20	1	Television(s) Power	1/2", 2#10 & 1#10EG
27	20	1	Receptacles	1/2", 2#10 & 1#10EG
? 29	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 31	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
33	20	1	Energy Management System (EMS)	1/2", 2#10 & 1#10EG
? 35	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 37	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
39	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 41	15	2	Fan Coil Units (FCG-1,2)	1/2", 3#10 & 1#10EG
? 43	--	-	Fan Coil Units (FCG-1,2)	1/2", 3#10 & 1#10EG
45	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
47	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
49	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
51	20	1	Spare	
53	20	1	Spare	
55	20	1	Spare	
57	20	1	Spare	
59	20	1	Spare	
61	20	1	Spare	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
73	--	1	Provisions	
75	--	1	Provisions	
77	--	1	Provisions	
79	--	1	Provisions	
81	--	1	Provisions	
83	--	1	Provisions	
2	20	1	Receptacles	
? 4	20	1	Data Rack Equipment	
? 6	20	1	Data Rack Equipment	
? 8	20	1	Data Rack Equipment	
? 10	20	1	Data Rack Equipment	
? 12	30	2	Data Rack Power	
? 14	-	-	Data Rack Power	
16	20	1	Receptacles	
? 18	20	1	Security Electronics Equip.	
? 20	20	1	Security Electronics Equip.	
? 22	20	1	Security Electronics Equip.	
? 24	30	2	UPS Power	1/2", 3#10 & 1#10EG
? 26	-	-	UPS Power	1/2", 3#10 & 1#10EG
28	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
? 30	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 32	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
? 34	15	2	Fan Coil Unit (FCF-1)	
? 36	--	-	Fan Coil Unit (FCF-1)	
38	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 40	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 42	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
44	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 46	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
48	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
50	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
52	20	1	Spare	
54	20	1	Spare	
56	20	1	Spare	
58	20	1	Spare	
60	20	1	Spare	
62	20	1	Spare	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	
74	--	1	Provisions	
76	--	1	Provisions	
78	--	1	Provisions	
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	

Panel "LF2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
110A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
5	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
7	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
9	20	1	Receptacles	1/2", 2#10 & 1#10EG
11	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
? 13	20	1	H.W. Circulating Pumps (CP-6A,6B)	
? 15	20	1	Instantaneous Water Heaters (WH-5A,5B,5C)	1/2", 2#10 & 1#10EG
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	20	1	Spare	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
4	20	1	Receptacles	1/2", 2#10 & 1#10EG
6	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
8	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
10	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
? 12	20	1	Instantaneous Water Heaters (WH-6A,6B,6C)	1/2", 2#10 & 1#10EG
? 14	20	1	H.W. Circulating Pumps (CP-5A,5B)	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LG1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Receptacles	
5	20	1	Security Electronics Equip.	
7	20	1	Security Electronics Equip.	
9	20	1	Security Electronics Equip.	
11	30	2	UPS Power	1/2", 3#10 & 1#10EG
13	-	-	UPS Power	1/2", 3#10 & 1#10EG
15	20	1	Receptacles	
17	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
19	20	1	Receptacles	1/2", 2#10 & 1#10EG
? 21	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 23	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 25	15	2	Fan Coil Unit (FCN-1)	1/2", 2#10 & 1#10EG
? 27	--	-	Fan Coil Unit (FCN-1)	1/2", 2#10 & 1#10EG
29	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
31	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 33	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 35	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 37	15	2	Fan Coil Unit (FCL-1,2,3)	1/2", 2#10 & 1#10EG
? 39	--	-	Fan Coil Unit (FCL-1,2,3)	1/2", 2#10 & 1#10EG
41	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
43	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 45	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
47	20	1	Receptacles	1/2", 2#10 & 1#10EG
? 49	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 51	-	-	Data Rack Power	1", 3#8 & 1#10EG
53	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
55	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
? 57	30	2	UPS Power	1", 3#8 & 1#10EG
? 59	-	-	UPS Power	1", 3#8 & 1#10EG
61	20	1	Receptacles	1/2", 2#10 & 1#10EG
63	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
65	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
67	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
69	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
71	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
73	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
75	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
77	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
79	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
81	20	1	Spare	
83	20	1	Spare	
85	20	1	Spare	
87	20	1	Spare	
89	--	1	Provisions	
91	--	1	Provisions	
93	--	1	Provisions	
95	--	1	Provisions	
97	--	1	Provisions	
99	--	1	Provisions	
101	--	1	Provisions	
2	20	1	Receptacles	
4	20	1	Television(s) Power	1/2", 2#10 & 1#10EG
6	20	1	Security Electronics Equip.	
8	20	1	Security Electronics Equip.	
10	20	1	Security Electronics Equip.	
12	20	1	Television(s) Power	
14	20	1	Receptacles	
16	20	1	Receptacles	
18	20	1	Television(s) Power	1/2", 2#10 & 1#10EG
? 20	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 22	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
24	20	1	Energy Management System (EMS)	1/2", 2#10 & 1#10EG
? 26	15	2	Fan Coil Unit (FCM-1,2)	1/2", 2#10 & 1#10EG
? 28	--	-	Fan Coil Unit (FCM-1,2)	1/2", 2#10 & 1#10EG
30	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 32	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 34	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
36	20	1	Energy Management System (EMS)	1/2", 2#10 & 1#10EG
? 38	15	2	Fan Coil Unit (FCL-1,2,3)	1/2", 2#10 & 1#10EG
? 40	--	-	Fan Coil Unit (FCL-1,2,3)	1/2", 2#10 & 1#10EG
42	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 44	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
46	20	1	Recptacles	1/2", 2#10 & 1#10EG
48	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
50	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
? 52	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 54	-	-	Data Rack Power	1", 3#8 & 1#10EG
56	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
58	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
60	20	1	Computer Receptacles	1/2", 2#10 & 1#10EG
62	20	1	Recptacles	1/2", 2#10 & 1#10EG
64	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
? 66	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 68	-	-	Data Rack Power	1", 3#8 & 1#10EG
70	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
72	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
74	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
76	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
78	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
80	20	1	Security Detention Door Lock Power	
82	20	1	Spare	
84	20	1	Spare	
86	20	1	Spare	
88	--	1	Provisions	
90	--	1	Provisions	
92	--	1	Provisions	
94	--	1	Provisions	
96	--	1	Provisions	
98	--	1	Provisions	
100	--	1	Provisions	
102	--	1	Provisions	

1 ELECTRICAL PANEL SCHEDULES (4 of 5)
No Scale

Panel "LG2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Audio-Visual Equipment	
3	20	1	Receptacles	1/2", 2#10 & 1#10EG
5	20	1	Audio-Visual Equipment	
7	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
9	15	1	Exhaust Fan (EF-33)	
11	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
? 13	20	1	Instantaneous Water Heaters (WH-3A,3B,3C)	1/2", 2#10 & 1#10EG
? 15	20	1	Instantaneous Water Heaters (WH-4A,4B,4C)	1/2", 2#10 & 1#10EG
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	20	1	Spare	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	Audio-Visual Equipment	
4	20	1	Audio-Visual Equipment	
6	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
# 8	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
10	20	1	Audio-Visual Equipment	1/2", 2#10 & 1#10EG
12	20	1	Receptacles	1/2", 2#10 & 1#10EG
? 14	20	1	H.W. Circulating Pumps (CP-3A,3B)	
16	20	1	Spare	
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	--	1	Provisions	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LGY1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
150A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 4X, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Exterior Receptacle	
3	20	1	GENSET #1 Battery Charger	
5	30	2	GENSET #1 Water-Jacket Heater	1/2", 3#10 & 1#10EG
7	--	-	GENSET #1 Water-Jacket Heater	1/2", 3#10 & 1#10EG
9	30	2	GENSET #1 Water-Jacket Heater	1/2", 3#10 & 1#10EG
11	--	-	GENSET #1 Water-Jacket Heater	1/2", 3#10 & 1#10EG
13	30	2	GENSET #3 Water-Jacket Heater	1/2", 3#10 & 1#10EG
15	--	-	GENSET #3 Water-Jacket Heater	1/2", 3#10 & 1#10EG
17	20	1	GENSET #1 Alternator/Anti-Cond./Strip-Heater	
19	20	1	GENSET #3 Alternator/Anti-Cond./Strip-Heater	
21	20	1	GENSET #1 Battery-Heater-Blanket	
23	20	1	GENSET #1 Integral Light Kit & Receptacle	
25	20	1	GENSET #3 Integral Light Kit & Receptacle	
27	30	1	DPDS Integral Temp.-Genset Block-Heat. Recep	1/2", 2#10 & 1#10EG
29	20	1	DPDS Enclosure Strip Heater	
31	20	1	Spare	
33	20	1	Spare	
35	20	1	Spare	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	GENSET #2 Battery Charger	
4	20	1	GENSET #3 Battery Charger	
6	30	2	GENSET #2 Water-Jacket Heater	1/2", 3#10 & 1#10EG
8	--	-	GENSET #2 Water-Jacket Heater	1/2", 3#10 & 1#10EG
10	30	2	GENSET #2 Water-Jacket Heater	1/2", 3#10 & 1#10EG
12	--	-	GENSET #2 Water-Jacket Heater	1/2", 3#10 & 1#10EG
14	30	2	GENSET #3 Water-Jacket Heater	1/2", 3#10 & 1#10EG
16	--	-	GENSET #3 Water-Jacket Heater	1/2", 3#10 & 1#10EG
18	20	1	GENSET #2 Alternator/Anti-Cond./Strip-Heater	
20	20	1	GENSET #2 Battery-Heater-Blanket	
22	20	1	GENSET #3 Battery-Heater-Blanket	
24	20	1	GENSET #2 Integral Light Kit & Receptacle	
26	20	1	DPDS Temp.-Genset Battery-Charging Recept.	
28	50	2	DPDS Integral 50A Receptacle	1", 3#8 & 1#10EG
30	--	-	DPDS Integral 50A Receptacle	1", 3#8 & 1#10EG
32	20	1	Spare	
34	20	1	Spare	
36	20	1	Spare	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LH1", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
300A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Security Electronics Equip.	
5	20	1	Security Electronics Equip.	
? 7	30	2	UPS Power	1/2", 3#10 & 1#10EG
? 9	-	-	UPS Power	1/2", 3#10 & 1#10EG
11	20	1	Computer Receptacles	
13	20	1	Receptacles	1/2", 2#10 & 1#10EG
15	20	1	Televion(s) Power	1/2", 2#10 & 1#10EG
17	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
19	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
21	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
23	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
25	20	1	Receptacles	1/2", 2#10 & 1#10EG
27	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
29	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
31	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
? 33	30	2	UPS Power	1", 3#8 & 1#10EG
? 35	-	-	UPS Power	1", 3#8 & 1#10EG
37	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
39	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	20	1	Spare	
49	20	1	Spare	
51	20	1	Spare	
53	20	1	Spare	
55	20	1	Spare	
57	20	1	Spare	
? 59	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 61	-	-	Data Rack Power	1", 3#8 & 1#10EG
63	20	1	Spare	
65	20	1	Spare	
? 67	20	2	Fan Coil Units (FCJ-1,2,3,4,)	1/2", 3#10 & 1#10EG
? 69	--	-	Fan Coil Units (FCJ-1,2,3,4,)	1/2", 3#10 & 1#10EG
71	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
73	20	1	Energy Management System (EMS)	1/2", 2#10 & 1#10EG
? 75	20	2	Fan Coil Units (FCH-1,2,3,4,5)	
? 77	--	-	Fan Coil Units (FCH-1,2,3,4,5)	
? 79	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
81	--	1	Provisions	
83	--	1	Provisions	
85	--	1	Provisions	
87	--	1	Provisions	
89	--	1	Provisions	
91	--	1	Provisions	
93	--	1	Provisions	
95	--	1	Provisions	
97	--	1	Provisions	
99	--	1	Provisions	
101	--	1	Provisions	
2	20	1	Security Electronics Equip.	
4	20	1	Security Electronics Equip.	
6	20	1	Security Electronics Equip.	
8	20	1	Receptacles	1/2", 2#10 & 1#10EG
10	20	1	Televion(s) Power	1/2", 2#10 & 1#10EG
12	20	1	Receptacles	
14	20	1	Receptacles	1/2", 2#10 & 1#10EG
16	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
18	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
20	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
22	20	1	Data Rack Equipment	1/2", 2#10 & 1#10EG
? 24	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 26	-	-	Data Rack Power	1", 3#8 & 1#10EG
28	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
30	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
32	20	1	Security Electronics Equip.	1/2", 2#10 & 1#10EG
34	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
36	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
38	20	1	Security Detention Door Lock Power	1/2", 2#10 & 1#10EG
40	15	1	Exhaust Fan (EF-32)	
42	20	1	Spare	
44	20	1	Spare	
46	20	1	Spare	
48	20	1	Spare	
50	20	1	Spare	
52	20	1	Spare	
54	20	1	Spare	
56	20	1	Spare	
? 58	30	2	Data Rack Power	1", 3#8 & 1#10EG
? 60	-	-	Data Rack Power	1", 3#8 & 1#10EG
62	20	1	Spare	
64	20	1	Spare	
? 66	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 68	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
70	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
? 72	20	2	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
? 74	--	-	Energy Recovery Ventilator (ERV)	1/2", 3#10 & 1#10EG
76	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
78	20	1	Smoke Dampers	1/2", 2#10 & 1#10EG
80	--	1	Provisions	
82	--	1	Provisions	
84	--	1	Provisions	
86	--	1	Provisions	
88	--	1	Provisions	
90	--	1	Provisions	
92	--	1	Provisions	
94	--	1	Provisions	
96	--	1	Provisions	
98	--	1	Provisions	
100	--	1	Provisions	
102	--	1	Provisions	

Panel "LH2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS
1	20	1	Spare
3	20	1	Spare
5	20	1	Spare
7	20	1	Spare
9	20	1	Spare
11	20	1	Spare
13	20	1	Spare
15	20	1	Spare
17	20	1	Spare
19	--	1	Provisions
21	--	1	Provisions
23	--	1	Provisions
25	--	1	Provisions
27	--	1	Provisions
29	--	1	Provisions
31	--	1	Provisions
33	--	1	Provisions
35	--	1	Provisions
37	--	1	Provisions
39	--	1	Provisions
41	--	1	Provisions
2	20	1	Spare
4	20	1	Spare
6	20	1	Spare
8	20	1	Spare
10	20	1	Spare
12	20	1	Spare
14	20	1	Spare
16	20	1	Spare
18	--	1	Provisions
20	--	1	Provisions
22	--	1	Provisions
24	--	1	Provisions
26	--	1	Provisions
28	--	1	Provisions
30	--	1	Provisions
32	--	1	Provisions
34	--	1	Provisions
36	--	1	Provisions
38	--	1	Provisions
40	--	1	Provisions
42	--	1	Provisions

Panel "LH3", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
110A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
# 1	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
3	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 5	20	1	Vending Machine	1/2", 2#10 & 1#10EG
# 7	20	1	Snak Room Counter Receptacle	1/2", 2#10 & 1#10EG
# 9	20	1	Snak Room Counter Receptacle	1/2", 2#10 & 1#10EG
11	15	1	Smoke Dampers	1/2", 2#10 & 1#10EG
13	15	1	Exhaust Fan (EF-31)	1/2", 2#10 & 1#10EG
15	20	1	Spare	
17	20	1	Spare	
19	20	1	Spare	
21	20	1	Spare	
23	20	1	Spare	
25	20	1	Spare	
27	20	1	Spare	
29	--	1	Provisions	
31	--	1	Provisions	
33	--	1	Provisions	
35	--	1	Provisions	
37	--	1	Provisions	
39	--	1	Provisions	
41	--	1	Provisions	
2	20	1	Motorized Goal Power	1/2", 2#10 & 1#10EG
4	20	1	Receptacles	1/2", 2#10 & 1#10EG
# 6	20	1	Refrigerator	1/2", 2#10 & 1#10EG
# 8	20	1	Snak Room Counter Receptacle	1/2", 2#10 & 1#10EG
# 10	20	1	Snak Room Counter Receptacle	1/2", 2#10 & 1#10EG
12	20	1	HVAC Temperature Controls	1/2", 2#10 & 1#10EG
? 14	40	2	Electric Water Heater (WH-10)	1", 3#6 & 1#10EG
? 16	--	-	Electric Water Heater (WH-10)	1", 3#6 & 1#10EG
18	20	1	Spare	
20	20	1	Spare	
22	20	1	Spare	
24	20	1	Spare	
26	20	1	Spare	
28	20	1	Spare	
30	20	1	Spare	
32	--	1	Provisions	
34	--	1	Provisions	
36	--	1	Provisions	
38	--	1	Provisions	
40	--	1	Provisions	
42	--	1	Provisions	

Panel "LK2", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
400A MLO, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
# 1	20	1	Kitchen Convenience Receptacles	
# 3	20	1	Kitchen Convenience Receptacles	
? 5	80	3	Remote Refrigeration Syatem [Item #8]	1-1/4", 4#4 & 1#8EG
? 7	--	-	Remote Refrigeration Syatem [Item #8]	1-1/4", 4#4 & 1#8EG
? 9	--	-	Remote Refrigeration Syatem [Item #8]	1-1/4", 4#4 & 1#8EG
? 11	30	2	Walk-in Freezer Evaporator Coil [Item #7]	1/2", 3#10 & 1#10EG
? 13	--	-	Walk-in Freezer Evaporator Coil [Item #7]	1/2", 3#10 & 1#10EG
15	15	1	W/I Freezer Coil Cond. Drain Line Heater [Item #7]	
? 17	20	1	Frzr. Lts./Heat. Dr. Frame/Press. Rel. Port/Temp. Alarm	
19	20	1	Spare	
? 21	20	1	UDS Hood Ex./Sup. Fans Cntrl. Pnl. [Item #35]	
? 23	20	3	Garbage Disposer [Item #50]	
? 25	--	-	Garbage Disposer [Item #50]	
? 27	--	-	Garbage Disposer [Item #50]	
29	20	1	Food Slicer/Food Prep. Counter [Items #11/13]	
? 31	20	1	Ice Machine [Item #24]	
? 33	20	1	Ice Machine [Item #24]	
? 35	15	3	40-Quart Mixer [Item #21](NEMA L15-20R)	
? 37	--	-	40-Quart Mixer [Item #21](NEMA L15-20R)	
? 39	--	-	40-Quart Mixer [Item #21](NEMA L15-20R)	
? 41	20	1	Motorized Roll-up Security Door/Grille	
? 43	20	1	Drop-In 3-Pan Refrigerated Cold Food Unit [Item #44] (NEMA 5-20R)	
? 45	20	1	Water Heater (WH-1A)	
? 47	20	1	Water Heater (WH-1C)	
49				
51				
53				
55				
57				
59				
# 2	20	1	Kitchen Convenience Receptacles	
# 4	20	1	Kitchen Convenience Receptacles	
? 6	25	2	Walk-in Freezer Evaporator Coil [Item #7]	1/2", 3#10 & 1#10EG
? 8	--	-	Walk-in Freezer Evaporator Coil [Item #7]	1/2", 3#10 & 1#10EG
10	15	1	W/I Freezer Coil Cond. Drain Line Heater [Item #7]	
? 12	20	1	Frzr. Lts./Heat. Dr. Frame/Press. Rel. Port/Temp. Alarm	
14	15	1	W/I Cooler Coil & Refrig. Line Shut-Off [Item #7]	
16	15	1	Receptacles	
? 18	20	1	Cool. Lts./Heat. Dr. Frame/Press. Rel. Port/Temp. Alarm	
? 20	25	1	Air Curtain/Door [Item #2]	1/2", 2#10 & 1#10EG
? 22	80	3	Utility Distribution System (UDS) [Item #34]	1-1/4", 4#4 & 1#8EG
? 24	--	-	Utility Distribution System (UDS) [Item #34]	1-1/4", 4#4 & 1#8EG
? 26	--	-	Utility Distribution System (UDS) [Item #34]	1-1/4", 4#4 & 1#8EG
28	20	1	Food Preparation Counter [Item #11]	
? 30	60	3	Dishwasher [Item #51]	1-1/4", 4#6 & 1#10EG
? 32	--	-	Dishwasher [Item #51]	1-1/4", 4#6 & 1#10EG
? 34	--	-	Dishwasher [Item #51]	1-1/4", 4#6 & 1#10EG
?# 36	20	1	Pass-Thru Refrigerator [Item #41] (NEMA 5-20R)	
? 38	20	2	Pass-Thru Food Warmer [Item #42] (NEMA L14-20R)	
? 40	--	-	Pass-Thru Food Warmer [Item #42] (NEMA L14-20R)	
? 42	20	2	Drop-In 5-Well Hot Food Unit [Item #45]	
? 44	--	-	Drop-In 5-Well Hot Food Unit [Item #45]	
? 46	20	1	Water Heater (WH-1B)	
? 48	20	1	H.W. Circulating Pumps (CP-1A,1B)	
50				
52				
54				
56				
58				
60				

Grace
Design Studios

STATE OF LOUISIANA
W. DANIEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL &
CONTROL SYSTEMS
ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: dannynesbit@nesbitandassociates.com
N&A Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E507

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:00:03 PM

Panel "LM3", 120/208 Volts, Three-Phase, Four-Wire, Solid Neutral,
175A MCB, 10,000 A.I.C., Surface-Mounted,
Ground Bus, Door & Lock, NEMA 1, SPD1.

? Verify exact electrical requirements in advance. # GFI-Type Circuit Breaker

CKT NO.	AMPS	PL	REMARKS	
1	20	1	Receptacles	
3	20	1	Quadruplex Receptacle	
? 5	30	2	Data Rack Power	1/2", 3#10 & 1#10EG
? 7	-	-	Data Rack Power	1/2", 3#10 & 1#10EG
9	20	1	Receptacles	
11	20	1	Quadruplex Receptacles	1/2", 2#10 & 1#10EG
13	20	1	Quadruplex Receptacles	1/2", 2#10 & 1#10EG
15	20	1	Receptacles	1/2", 2#10 & 1#10EG
17	20	1	Exterior Receptacles	
19	20	1	Exterior Receptacles	1/2", 2#10 & 1#10EG
21	20	1	Security Electronics Equip.	
23	20	1	Security Electronics Equip.	
25	20	1	Satellite Fire Alarm Panel	
27	20	1	Quadruplex Receptacle	
? 29	20	1	DAIKIN Heat Pump System Controller	1/2", 2#10 & 1#10EG
? 31	20	1	Motorized Fresh Air Dampers	
# 33	15	1	H.W. Circulating Pump (CP-9)	
35	20	1	Spare	
37	20	1	Spare	
39	20	1	Spare	
41	20	1	Spare	
43	20	1	Spare	
45	20	1	Spare	
47	20	1	Spare	
49	20	1	Spare	
51	--	1	Provisions	
53	--	1	Provisions	
55	--	1	Provisions	
57	--	1	Provisions	
59	--	1	Provisions	
61	--	1	Provisions	
63	--	1	Provisions	
65	--	1	Provisions	
67	--	1	Provisions	
69	--	1	Provisions	
71	--	1	Provisions	
2	20	1	Receptacles	1/2", 2#10 & 1#10EG
4	20	1	Quadruplex Receptacle	
6	20	1	Telecommunication Backboard Power	
8	20	1	Quadruplex Receptacles	1/2", 2#10 & 1#10EG
10	20	1	Receptacles	1/2", 2#10 & 1#10EG
12	20	1	Computer Receptacle	
14	20	1	Exterior Receptacles	
16	20	1	Exterior Receptacles	
18	20	1	Exterior Receptacles	
20	20	1	Security Electronics Equip.	
22	20	1	Security Electronics Equip.	
? 24	30	2	UPS Power	1/2", 3#10 & 1#10EG
? 26	-	-	UPS Power	1/2", 3#10 & 1#10EG
? 28	25	2	Fan Coil Units (FCQ-1,2,3)	1/2", 3#10 & 1#10EG
? 30	--	-	Fan Coil Units (FCQ-1,2,3)	1/2", 3#10 & 1#10EG
32	15	1	Exhaust Fan (EF-35)	
? 34	40	2	Water Heater (WH-9)	1", 3#8 & 1#10EG
? 36	--	-	Water Heater (WH-9)	1", 3#8 & 1#10EG
38	20	1	Spare	
40	20	1	Spare	
42	20	1	Spare	
44	20	1	Spare	
46	20	1	Spare	
48	20	1	Spare	
50	20	1	Spare	
52	20	1	Spare	
54	--	1	Provisions	
56	--	1	Provisions	
58	--	1	Provisions	
60	--	1	Provisions	
62	--	1	Provisions	
64	--	1	Provisions	
66	--	1	Provisions	
68	--	1	Provisions	
70	--	1	Provisions	
72	--	1	Provisions	

Main Switchboard "MSB", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
3000A MLO, 65,000 A.I.C.., Free-Standing,
Ground Bus, NEMA 1, SPD4.

% Provide Arc-Energy-Reduction Type Circuit Breaker.

CKT NO.	AMPS	PL	REMARKS
% 1	1200	3	"Normal-Source" Lugs of ATS-1
% 3	--	-	"Normal-Source" Lugs of ATS-1
% 5	--	-	"Normal-Source" Lugs of ATS-1
% 7	1200	3	"Normal-Source" Lugs of ATS-3
% 9	--	-	"Normal-Source" Lugs of ATS-3
% 11	--	-	"Normal-Source" Lugs of ATS-3
% 2	1200	3	"Normal-Source" Lugs of ATS-2
% 4	--	-	"Normal-Source" Lugs of ATS-2
% 6	--	-	"Normal-Source" Lugs of ATS-2
8	--	3	Provisions
10	--	-	Provisions
12	--	-	Provisions

ATS-Distribution Switchgear Lineup "ATSDSL", 277/480 Volts, Three-Phase, Four-Wire, Solid Neutral,
4000A MLO, 65,000 A.I.C.., Free-Standing,
Ground Bus, NEMA 1, SPD4.

% Provide Arc-Energy-Reduction Type Circuit Breaker.

CKT NO.	AMPS	PL	REMARKS
% 1	1200	3	"Emergency-Source" Lugs of ATS-1
% 3	--	-	"Emergency-Source" Lugs of ATS-1
% 5	--	-	"Emergency-Source" Lugs of ATS-1
% 7	1200	3	"Emergency-Source" Lugs of ATS-3
% 9	--	-	"Emergency-Source" Lugs of ATS-3
% 11	--	-	"Emergency-Source" Lugs of ATS-3
% 2	1200	3	"Emergency-Source" Lugs of ATS-2
% 4	--	-	"Emergency-Source" Lugs of ATS-2
% 6	--	-	"Emergency-Source" Lugs of ATS-2

1 ELECTRICAL PANEL SCHEDULES (5 of 5)
No Scale

Grace Design Studios

STATE OF LOUISIANA
WILLIAM L. NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: designbuild@nesbitandassociates.com
NPA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO: 08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D. : NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

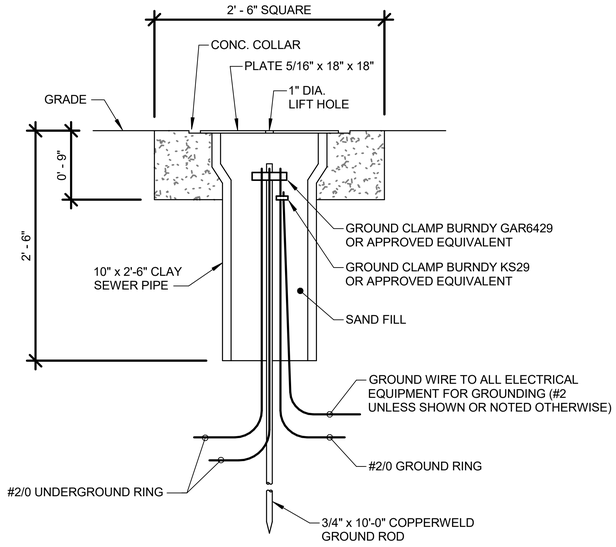
NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

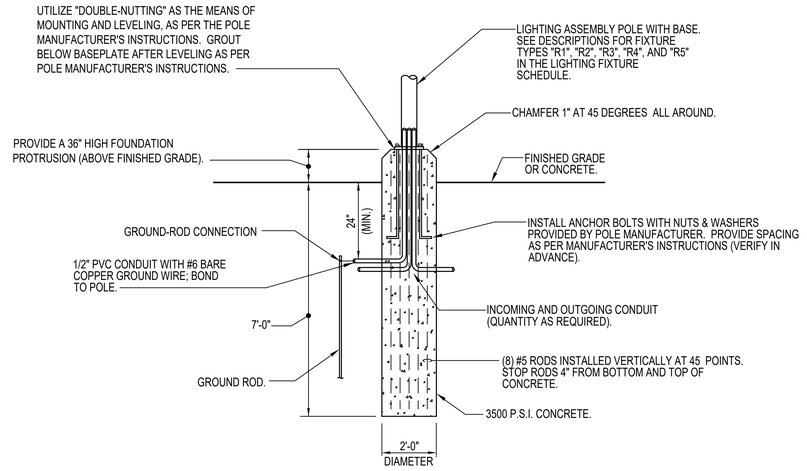
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E508

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:10:13 PM

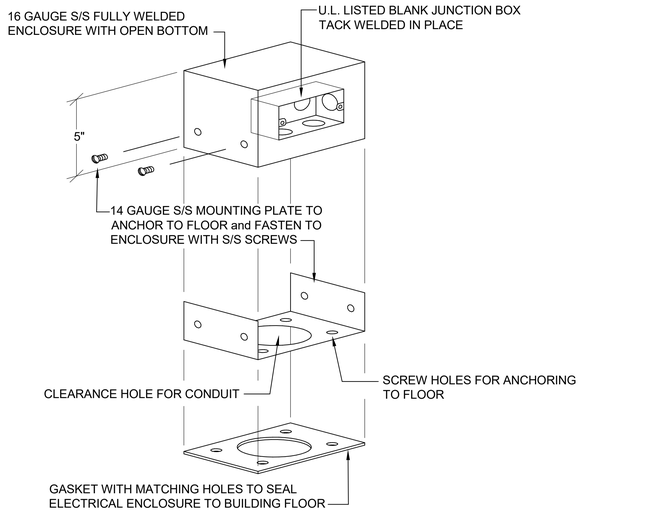


1 TYPICAL GROUNDWELL DETAIL
N.T.S.



NOTE:
PRIOR TO INSTALLING ALL POLE LIGHTING FOUNDATION CONDUITS, VERIFY IF THE NUMBER OF REQUIRED CONDUITS FOR EACH FOUNDATION WILL FIT INSIDE OF THE OPENING AT THE BOTTOM OF EACH POLE. IF THE OPENING IS TOO SMALL TO ACCOMMODATE ALL REQUIRED CONDUITS, PROVIDE, WATER-TIGHT, IN-GRADE, RECESSED PULL/JUNCTION BOXES (HAVING TRAFFIC-DUTY COVERS) AS REQUIRED. PROVIDE A 6" THICK CONCRETE FOUNDATION AT THE BOTTOM OF EACH SUCH PULL BOX (WHICH IS 3" LARGER THAN THE PULL BOX FOOTPRINT) AS REQUIRED TO PREVENT THE PULL BOX FROM SINKING.

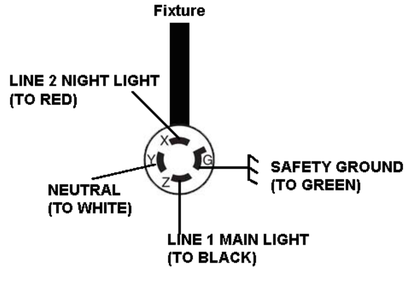
2 PARKING LIGHT POLE CONCRETE FOUNDATION DETAIL
N.T.S.



FLOOR MOUNTED OUTLET BOX FOR FOOD SERVICE RECEPTACLES

NOTE: MODIFY OUTLET BOX AS REQUIRED TO ACCOMMODATE MULTIPLE RECEPTACLES (VERIFY IN ADVANCE FOR EACH RESPECTIVE APPLICATION).

3 FOOD SERVICE DETAIL
3" = 1'-0"



4 LIGHTING FIXTURE "B1" POWER PLUG WIRING DIAGRAM
N.T.S.

Grace Design Studios

STATE OF LOUISIANA
MICHAEL NESBIT, JR.
License No. 15212
PROFESSIONAL ENGINEER
IN
ELECTRICAL &
CONTROL SYSTEMS
ENGINEERING

NESBIT & Associates, LLC
11853 Market Place Ave
Baton Rouge, LA 70816
Phone 225-291-9266 Fax 225-291-9268
Email: designstaff@nesbitandassociates.com
NSA Project Number: 2562

© THIS SET OF DOCUMENTS INCLUSIVE OF DRAWINGS,SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, SCANNED, NOR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN CONSENT OF GRACE HEBERT CURTIS ARCHITECTS, LLC. NO PLAN ROOM, ELECTRONIC PLAN SERVICE (INTERNET PLAN SERVICE), NOR REPRODUCTION COMPANY SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT, GRACE DESIGN STUDIOS, LLC.

NEW JETSON CENTER FOR YOUTH

OFFICE OF JUVENILE JUSTICE

PROJECT NO.:08-403-04-02, Part 09 (F.08000078) &
08-403-24-01, F.08000165
SITE CODE: 2-17-044 STATE I.D.: NEW
820 GROOM ROAD, BAKER, LOUISIANA 70714

NO.	DESCRIPTION	DATE

DATE: 03-30-2026
PHASE: CONSTRUCTION DOCUMENTS
ISSUED FOR: REVIEW & PRICING
PROJECT NO: 571506

ELECTRICAL DETAILS & WIRING DIAGRAM

SHEET NUMBER
E601

Autodesk Docs://571506 New Jetson Center for Youth/New_Jetson-ELEC.rvt
3/31/2026 12:03:04 PM