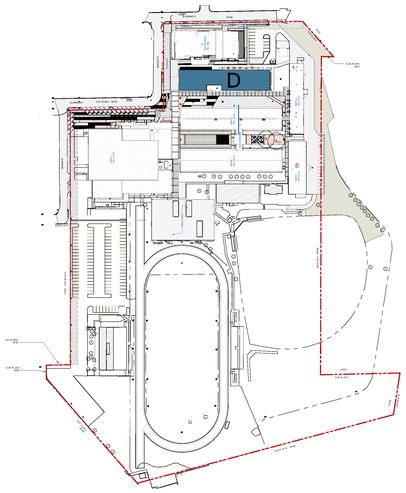
RENOVATION AND ADDITION TO

BUILDING D - McKINLEY SENIOR HIGH SCHOOL

800 EASTMcKINLEY STREET
BATON ROUGE, LA 70802

100% CD - OWNER' REVIEW SET



01 OVERALL SITE PLAN

ARCHITECT
DOMAIN ARCHITECTURE/ CHASM ARCHITECTURE
JOINT VENTURE
11130 INDUSTRIPLEX BLVD, SUITE 200
BATON ROUGE, LA 70809
T: 225.216.3770

STRUCTURAL & CIVIL ENGINEER
FORTE & TABLADA
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809
225.927.9321

M & P ENGINEER
SALAS O 'BRIEN
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809
225.766.8002

LANDSCAPE ARCHITECT
CRUNK ENGINEERING, LLC
7809 JEFFERSON HWY, UNIT D4
BATON ROUGE, LA 70809
615.873.1795

ELECTRICAL ENGINEER
ELECTRICAL DESIGN SOLUTIONS
17494 CHERRY CREEK DRIVE
PRAIRIEVILLE, LA 70769
504.645.3482

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

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 birkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
baton rouge, la 70809
t. 225.216.3770 f. 225.216.3771

REGISTRATION

These drawings are the property of CHASM ARCHITECTURE, LLC DOMAIN ARCHITECTURE APAC AN ARCHITECTURAL JOINT VENTURE and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.
Scales stated hereon are valid on the original drawings only.
Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D
800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

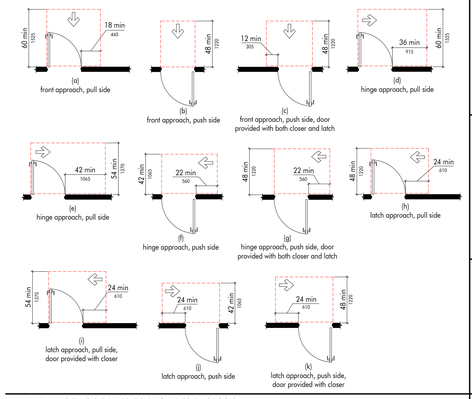
revisions No.	Description	Date

project # C24-0038
date NOVEMBER 6, 2025
director review

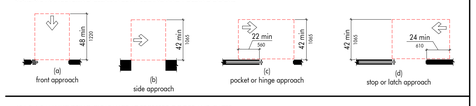
COVER

NOVEMBER 6, 2025

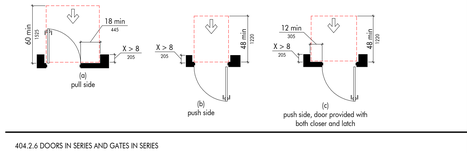
404.2.4.1 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES



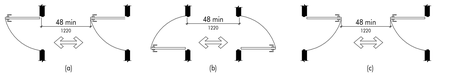
404.2.4.2 MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



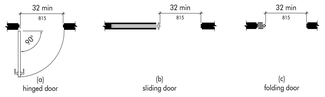
404.2.4.3 MANEUVERING CLEARANCE AT RECESSED DOORS AND GATES



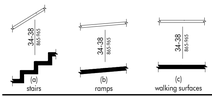
404.2.6 DOORS IN SERIES AND GATES IN SERIES



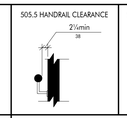
404.2.3 CLEAR WIDTH OF DOORWAYS



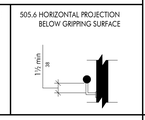
505.4 HANDRAIL HEIGHT



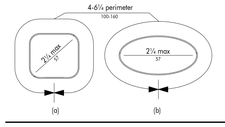
505.5 HANDRAIL CLEARANCE



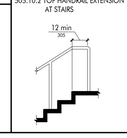
505.6 HORIZONTAL PROJECTION BELOW GRIPPING SURFACE



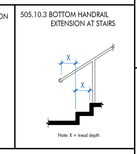
505.7.2 HANDRAIL NON-CIRCULAR CROSS SECTION



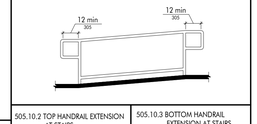
505.10.2 TOP HANDRAIL EXTENSION AT STAIRS



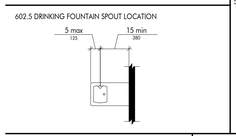
505.10.3 BOTTOM HANDRAIL EXTENSION AT STAIRS



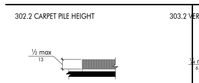
505.10.1 TOP AND BOTTOM HANDRAIL EXTENSION AT RAMP



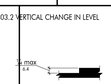
602.5 DRINKING FOUNTAIN SPOUT LOCATION



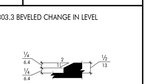
302.2 CARPET PILE HEIGHT



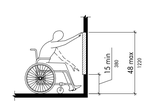
303.2 VERTICAL CHANGE IN LEVEL



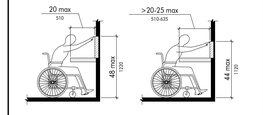
303.3 BEVELED CHANGE IN LEVEL



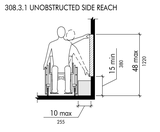
308.2.1 UNOBSTRUCTED FORWARD REACH



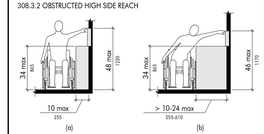
308.2.2 OBSTRUCTED HIGH FORWARD REACH



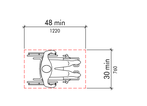
308.3.1 UNOBSTRUCTED SIDE REACH



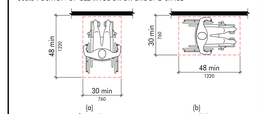
308.3.2 OBSTRUCTED HIGH SIDE REACH



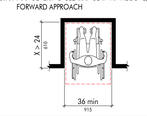
305.3 CLEAR FLOOR OR GROUND SPACE



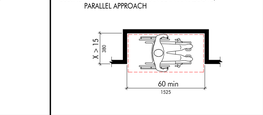
305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE



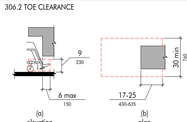
305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH



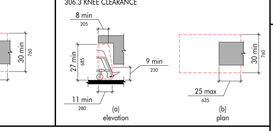
305.7.2 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH



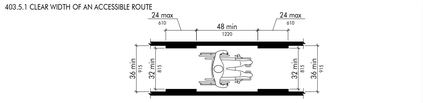
306.2 TOE CLEARANCE



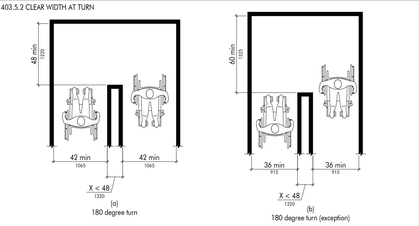
306.3 KNEE CLEARANCE



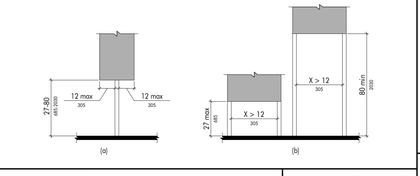
403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE



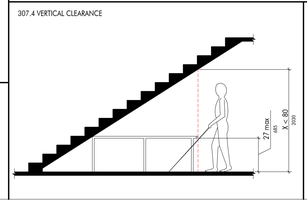
403.5.2 CLEAR WIDTH AT TURN



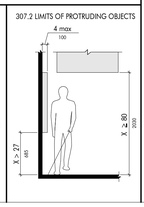
307.3 POST-MOUNTED PROTRUDING OBJECTS



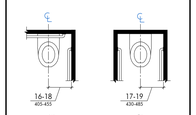
307.4 VERTICAL CLEARANCE



307.2 LIMITS OF PROTRUDING OBJECTS

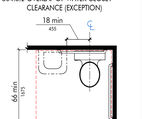


604.2 WATER CLOSET LOCATION

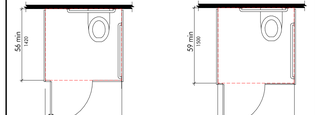


604.3.1 SIZE AND CLEARANCE AT WATER CLOSETS

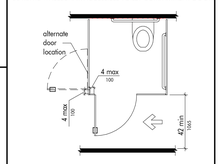
304.3.2 OVERLAP OF WATER CLOSET CLEARANCE (EXCEPTION)



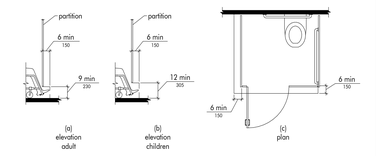
604.8.1.1 SIZE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT



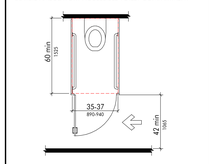
604.8.1.2 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS



604.8.1.4 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

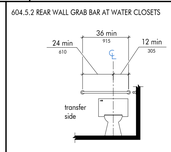


604.8.2 AMBULATORY ACCESSIBLE TOILET COMPARTMENT

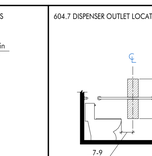


604.5.1 SIDE WALL GRAB BAR AT WATER CLOSETS

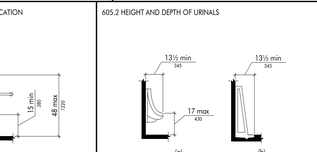
604.5.2 REAR WALL GRAB BAR AT WATER CLOSETS



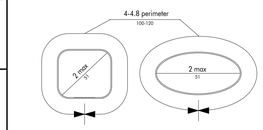
604.7 DISPENSER OUTLET LOCATION



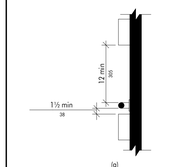
605.2 HEIGHT AND DEPTH OF URINALS



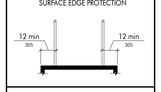
609.2.2 GRAB BAR NON-CIRCULAR CROSS SECTION



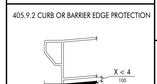
609.3 SPACING OF GRAB BARS



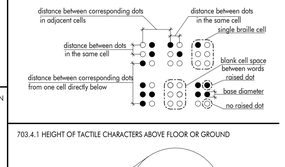
405.9.1 EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION



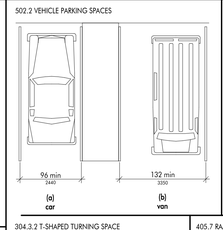
405.9.2 CURB OR BARRIER EDGE PROTECTION



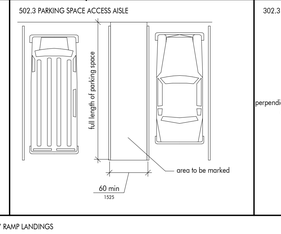
703.3.1 BRAILLE MEASUREMENT



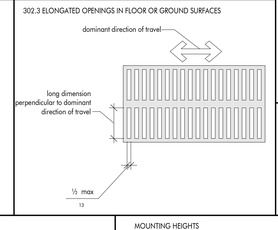
502.2 VEHICLE PARKING SPACES



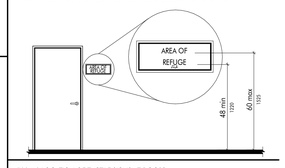
502.3 PARKING SPACE ACCESS AISLE



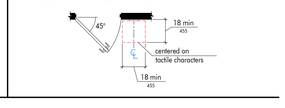
302.3 ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES



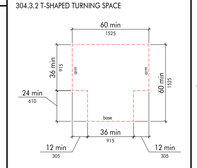
703.4.1 HEIGHT OF TACTILE CHARACTERS ABOVE FLOOR OR GROUND



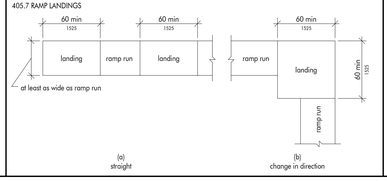
703.4.2 LOCATION OF TACTILE SIGNS AT DOORS



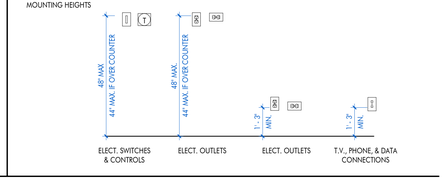
304.3.2 T-SHAPED TURNING SPACE



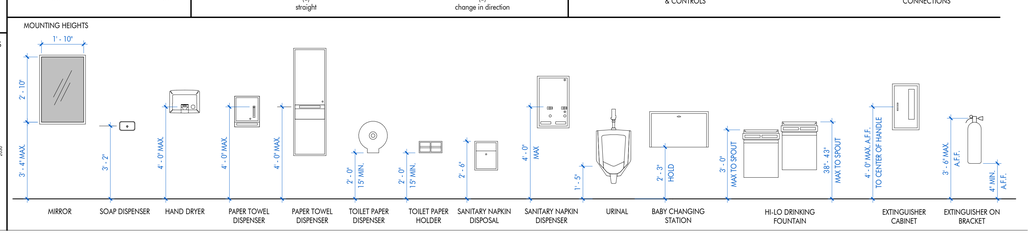
405.7 RAMP LANDINGS



MOUNTING HEIGHTS



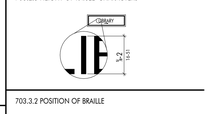
MOUNTING HEIGHTS



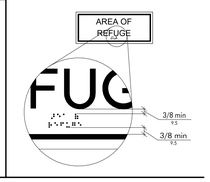
Convention / Description

Convention	Description
36 (915)	dimension drawing English units (in inches unless otherwise specified) above the line and SI units (in millimeters unless otherwise specified) below the line
6 (150)	dimension for small measurements
33-36 (840-915)	dimension showing a range with minimum - maximum
min	minimum
max	maximum
>	greater than
≥	greater than or equal to
<	less than
≤	less than or equal to
	boundary of clear floor space or maneuvering clearance
	centerline
	a permitted element or its extension
	direction of travel or approach
	a wall, floor, ceiling or other element cut in section or plan
	a highlighted element in elevation or plan
	location zone of element, control or feature

703.2.5 HEIGHT OF RAISED CHARACTERS



703.3.2 POSITION OF BRAILLE



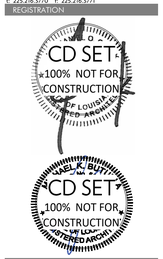
ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
baton rouge, la 70809
t. 225.216.5770 f. 225.216.5771

REGISTRATION



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Scales stated hereon are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

CLIENT

RENOVATION AND ADDITION TO McKINLEY SENIOR HIGH SCHOOL

BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

ADA INFO

I1.400

NOVEMBER 6, 2025

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
&	AND
@	AT
|/CH.	CHANNEL
A.D.	AREA DRAIN
A.F.F.	ABOVE FINISHED FLOOR
A.H.U.	AIR HANDLING UNIT
A.P.	ACCESS PANEL
A.P.C.	ARCHITECTURAL PRECAST CONCRETE
A.T.	ACOUSTICAL TILE
A.V.	AUDIO VISUAL
A/C	AIR CONDITIONING
A/E	ARCHITECT/ENGINEER
ACOUS.	ACOUSTICAL
ADJ.	ADJUSTABLE
ALT.	ALTERNATE
ALUM./AL.	ALUMINUM
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASB.	ASBESTOS
ASPH.	ASPHALT
ATTEN.	ATTENUATION
B.M.	BENCHMARK
B.R.	BUMPER RAIL
B.U.R.	BUILT UP ROOF
B/U	BUILT UP
BIT.	BITUMINOUS
BLDG.	BUILDING
BLO.	BLOCKING
BM.	BEAM
BO.	BOARD
BOT.	BOTTOM
BRG.	BEARING
BRZ.	BRONZE
C.	CENTERLINE
C.B.	CATCH BASIN
C.G.	CORNER GUARD
C.I.	CAST IRON
C.J.	CONTROL JOINT
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CASED OPENING
C.R.	CURTAIN ROD
C.R.CH.	COLD ROLLED CHANNEL
C.T.	CERAMIC TILE
CAB.	CABINET
CEM.	CEMENT
CER.	CERAMIC
CH.BO.	CHALK BOARD
CLG.	CEILING
CLR.	CLEAR
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
COORD.	COORDINATE
CPT.	CARPET
CT	CURTAIN TRACK
CTSK	COUNTERSUNK
DBL	DOUBLE
DEPT.	DEPARTMENT
DET./ DTL.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DP.	DAMPPROFFING
DS.	DOWNSPOUT
DWGS.	DRAWINGS
E.	ELEVATOR
E.D.F.	ELECTRICAL DRINKING FOUNTAIN
E.F.	EXHAUST FAN
E.J.	EXPANSION JOINT
E.P.	ELECTRICAL PANELBOARD
E.W.	EACH WAY
EA.	EACH
EIFS	EXT, INSULATING FINISH SYSTEM
EL.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EMER.	EMERGENCY
ENCL.	ENCLOSURE
EP.	EPOXY PAINT
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST.	EXPOSED STRUCTURE
EXH.	EXHAUST
EXP.	EXPANSION
EXPO.	EXPOSED
EXST. / EXIST.	EXISTING
EXT.	EXTERIOR
F.A.P.	FIRE ALARM PANEL
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.F.	FINISH FLOOR
F.F.E.	FINISH FLOOR ELEVATIONS
F.H.	FIRE HYDRANT
F.H.C.	FIRE HOSE CABINET
F.N.D.	FEMININE NAPKIN DISPENSER
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.S.	FULL SIZE
F.S.S.	FOLDING SHOWER SEAT
F.W.C.	FABRIC WALL COVERING
FDN.	FOUNDATION
FIN.	FINISH
FL./ FLR.	FLOOR
FPRK.	FIREPROOFING
FT.	FOOT/ FEET
FTG.	FOOTING
FURN.	FURNISHED
FURR.	FURRING
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GL.BK.GND.	GLASS BLOCK GROUND
GRD.	GRADE
GYP.	GYPSUM
GYP.BD.	GYPSUM BOARD
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
H.D.G.	HOT DIPPED GALVANIZED
H.M.	HOLLOW METAL
H.R.	HANDRAIL
H.V.	HOMOGENOUS VINYL
HCP / HC.	HANDICAP
HCWD	HOLLOW CORE WOOD
HDWE.	HARDWARE
HGT./ HT.	HEIGHT
HORIZ.	HORIZONTAL
HR.	HOUR
HVAC	HEATING, VENTILATING & AIR CONDITIONING
I.D.	INSIDE DIAMETER
I.P.	IRON PIPE
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
J.B.	JOIST BEARING
JAN.	JANITOR
JT.	JOINT
K.D.	KNOCK DOWN
L	ANGLE
L.A.T.	LAY-IN-ACOUSTICAL TILE
LAM.	LAMINATE
LAV.	LAVATORY
LBS.	POUNDS
LKR.	LOCKER
LT.	LIGHT
LT.WT.	LIGHT WEIGHT
LVR.	LOUVER
M.O.	MASONRY OPENING
M.R.GYP.BD.	MOISTURE RESISTANT GYPSUM BOARD
MAS.	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MFR./ MFGR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MTD.	MOUNTED
MTL.	METAL
MULL.	MULLION
N.	NORTH
N.A.	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO./ #	NUMBER
NOM.	NOMINAL
O / RD.	ROUND
O.A.	OUTSIDE AREA
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER (DIM)
O.H.	OPPOSITE HAND
O.S.	OVERFLOW SCUPPER
OH.	OVERHEAD
OPNG./ OPG.	OPENING
OPP.	OPPOSITE
P / P.L.	PROPERTY LINE
P.I.P.	POURED IN PLACE
P.T.	PORCELAIN TILE
P.T.D.	PAPER TOWEL DISPENSER
P.T.D.D.	PAPER TOWEL DISPENSER/DISPOSAL
P.T.R.	PAPER TOWEL RECEPTACLE
PBD.	PARTICLE BOARD
PC. CONC.	PRECAST CONCRETE
PL.	PLATE
PLAS.	PLASTER
POL.	POLISHED
PR.	PAIR
PRE-FAB.	PRE-FABRICATED
PRE-FIN.	PRE-FINISHED
PTD.	PAINTED
PTN. / PARTN	PARTITION
PVMT.	PAVEMENT
PWD. / PLYWD	PLYWOOD
R.	RISER
R.A.G.	RETURN AIR GRILL
R.B.	RUBBER BASE
R.C.P.	REINFORCED CONCRETE PIPE
R.D.	ROOF DRAIN
R.H.	ROBE HOOK
R.O.	ROUGH OPENING
RAD.	RADIUS
RCP	REFLECTED CEILING PLAN
REC.RECT.	RECESSED RECTANGLE
RECT.	RECTANGLE
REF.	REFERENCE
REFL.	REFLECTED
REINF.	REINFORCED
REQ.	REQUIRED
RESIL.	RESILIENT
RM.	ROOM
S.	SOUTH
S.C.	SOLID CORE
S.C.W.D.	SOLID CORE WOOD
S.D.	SOAP DISPENSER
S.N.D.	SANITARY NAPKIN DISPENSER
S.S.	STAINLESS STEEL
S.S.D.	SHOWER SOAP DISPENSER
S.T.C.	SOUND TRANSMISSION CLASS
S.V.	SHEET VINYL
SCH.	SCHEDULE
SEC. GL.	SECURITY GLASS
SECT.	SECTION
SER.S. / S.SK.	SERVICE SINK
SHT.	SHEET
SHVS.	SHELVES
SHWR.	SHOWER
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
SQ.FT.	SQUARE FEET
SS	SANITARY SEWER
ST.DR.	STORM DRAIN
STD.	STANDARD
STL	STEEL
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMMETRICAL
SYN.	SYNTHETIC
T&G	TONGUE AND GROOVE
T. / THR.	THREAD
T.B.	TOWEL BAR
T.D.R.	TOWEL DISPENSER RECEPTACLE
T.O.C.	TOP OF CURB
T.O.O.	TOP OF OPENING
T.O.P.	TOP OF PAVEMENT
T.O.S.	TOP OF STEEL
T.P.H.	TOILET PAPER HOLDER
TEL.	TELEPHONE
TEMP. GL.	TEMPERED GLASS
TH. / THRES.	THRESHOLD
THK.	THICK
TRD.	TREAD
TYP.	TYPICAL
U.H.	UNIT HEATER
U.N.O.	UNLESS NOTED OTHERWISE
U.P.S.	UNINTERRUPTED POWER SUPPLY
U.S.	UTILITY SHELF
V.B.	VINYL BASE
V.O.J.	VERIFY ON JOB
V.T.R.	VENT-THRU ROOF
V.W.C.	VINYL WALL COVERING
VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
W.	WEST
W.C.	WATER CLOSET
W.GL.	WIRE GLASS
W.H.	WATER HEATER
W.P.	WATERPROOF
W.W.F.	WELDED WIRE FABRIC
W.W.M.	WELDED WIRE MESH
W/	WITH
W/O	WITHOUT
WD.	WOOD
WDW.	WINDOW
WSCT.	WAINSCOT
WT. / WGT.	WEIGHT

MASTER KEYNOTE LIST

SPEC NUMBER	KEYNOTE DESCRIPTION
03 30 00.F06	COMPRESSIBLE FILLER
04 27 00.A03	8" X 8" X 16" CMU
04 27 00.A15	8" X 8" X 16" CMU U-BLOCK
04 27 00.H01	HORIZONTAL MASONRY REINFORCING TIES @ 16" O.C. VERTICAL
04 27 00.H22	REBAR SET AT 24" O.C.
05 40 00.A02	2-1/2" METAL STUDS
05 40 00.A05	6" METAL STUDS
05 40 00.B00	STEEL STUD TRACK; MATCH STUD SIZE
05 40 00.B10	NESTED STEEL STUD BOX BEAM
05 40 00.C01	7/8" FURRING CHANNEL
06 16 43.A01	5/8" EXTERIOR GYPSUM SHEATHING BOARD
07 20 00.A07	BATT INSULATION: FILL CAVITY COMPLETELY
07 52 00.A00	MODIFIED BITUMEN ROOFING SYSTEM
07 90 00.A01	BACKER ROD & SEALANT
07 92 00.A02	
08 11 13.A00	DOOR AS SCHEDULED
08 11 13.B00	DOOR FRAME AS SCHEDULED
08 11 13.B01	PAINTED HOLLOW STEEL DOOR FRAME
08 41 13.A01	PREFINISHED EXTERIOR ALUMINUM STOREFRONT
08 41 13.A02	PREFINISHED INTERIOR ALUMINUM STOREFRONT
08 41 13.C01	NEOPRENE SHIM AS REQUIRED
08 71 00.B03	METAL SADDLE THRESHOLD
08 80 00.A02	1" CLEAR INSULATED GLASS
08 80 00.A11	1/4" TINTED GLASS
08 80 00.A14	1/4" CLEAR TEMPERED GLASS
09 22 16.K03	5/8" GYPSUM WALLBOARD
10 21 13.A00	TOILET PARTITION - OVERHEAD BRACED; FLOOR-MOUNTED
10 28 00.A01	12" GRAB BAR
10 28 00.A02	18" GRAB BAR
10 28 00.B00	SOAP DISPENSER
10 28 00.B01	WALL-MOUNT LIQUID SOAP DISPENSER
10 28 00.B10	TOILET TISSUE DISPENSER
10 28 00.B11	SANITARY NAPKIN DISPOSAL
10 28 00.B20	COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE
10 28 00.B21	PAPER TOWEL DISPENSER
10 28 00.B40	FRAMED MIRROR
10 28 00.B55	WALL MOUNTED ADA FOLDABLE SHOWER SEAT WITH NECESSARY BLOCKING TO ENSURE LOAD RATING
10 51 00.A00	METAL LOCKERS, REFER TO SPECIFICATION
10 53 00.A50	PREFINISHED ALUMINUM CANOPY ANCHORED TO WALL
22 11 00.A00	TOILET, RE: PLUMBING
22 11 00.A01	FLUSH VALVE TOILET; STANDARD HEIGHT, RE: PLUMBING
22 11 00.A02	FLUSH VALVE TOILET; ADA HEIGHT, RE: PLUMBING
22 11 00.A10	URINAL, RE: PLUMBING
22 11 00.B02	WALL MOUNT SINK, RE: PLUMBING
22 11 00.B08	S.S. THREE COMPARTMENT SINK; RE: PLUMBING
22 11 00.B12	WALL MOUNTED, MULTI-STATION SINK; RE: PLUMBING

INDEX OF DRAWINGS

SHEET NUMBER	SHEET NAME
GENERAL	
----	COVER
I1.400	ADA INFO
I1.401	ABBREVIATIONS / LEGENDS / MASTER KEYNOTES
LIFE SAFETY	
LS.401	1ST FLOOR LIFE SAFETY PLAN- BLDG. D
DEMO	
D2.401	DEMO - 1ST FLOOR- BLDG. D
D5.401	ENLARGED DEMO 1ST FLOORPLAN RCP- BLDG. D
ARCHITECTURE	
A2.401	FLOOR PLANS- BLDG. D
A3.401	ENLAGED FLOOR PLANS- BLDG. D
A4.401	DOOR & STOREFRONT SCHEDULE & TYPES- BLDG. D
A4.402	HJS DETAILS - BLDG D
A5.401	REFLECTED CEILING PLAN- BLDG. D
A6.401	EXTERIOR ELEVATIONS- BLDG. D
A9.401	FINISH SCHEDULE- BLDG. D
A9.402	FINISH PLAN- BLDG. D
A10.401	INTERIOR ELEVATIONS- BLDG. D
A12.401	FURNITURE PLAN- BLDG. D
A12.402	SIGNAGE PLAN- BLDG. D
FOOD SERVICE	
FS1.01	FOOD SERVICE EQUIPMENT FLOOR PLAN- BLDG D
FS2.01	FOOD SERVICE EQUIPMEN DETAILS- BLDG D
FS3.01	FOOD SERVICE EQUIPMENT SLAB REQUIREMENT PLAN- BLDG D
FS4.01	FOOD SERVICE EQUIPMEN PLUMBING/MECHANICAL ROUGH-IN PLAN- BLDG D
FS5.01	FOOD SERVICE EQUIPMEN ELECTRICAL ROUGH-IN PLAN- BLDG D
FS5.02	FOOD SERVICE EQUIPMEN ELECTRICAL ROUGH-IN DIAGRAMS- BLDG D
MECHANICAL	
M2.401	MECHANICAL FLOOR PLAN - BLDG D
M2.402	MECHANICAL ROOF PLAN - BLDG D
M4.401	MECHANICAL DETAILS - BLDG D
M4.402	MECHANICAL DETAILS - BLDG D
M5.401	MECHANICAL DSCHEDULES - BLDG D
MD2.401	MECHANICAL ENLARGED DEMO 1ST FLOOR PLAN - BLDG D
PLUMBING	
P2.401	PLUMBING FLOOR PLANS - BLDG D
P3.401	PLUMBING ENLARGED FLOOR PLANS - BLDG D
P3.402	PLUMBING ENLARGED FLOOR PLANS - BLDG D
P3.403	PLUMBING ENLARGED FLOOR PLANS - BLDG D
P3.404	PLUMBING RISERSM - BLDG D
P3.405	PLUMBING RISERS - BLDG D
P4.401	PLUMBING DETAILS - BLDG D
P5.401	PLUMBING SCHEDULES - BLDG D
PD2.401	PLUMBING ENLARGED DEMO 1ST FLOOR PLAN - BLDG D
ELECTRICAL	
E0.400	SCHEDULES AND ABBREVIATIONS
E0.401	LUMINAIRE SCHEDULE
E0.402	GENERAL ELECTRICAL NOTES
E2.401	1ST FLOOR DEMOLITION PLAN - BUILDING D
E3.401	1ST FLOOR LIGHTING - BUILDING D
E4.401	1ST FLOOR POWER & SS- BLDG D
E6.400	PANEL SCHEDULES - BLDG D
E7.400	ELECTRICAL RISER DIAGRAM

FLOOR PLAN LEGEND

- 808.1 — DOOR DESIGNATION TAG
- FINISH / MATERIAL DESIGNATION TAG
- W1 — WINDOW DESIGNATION TAG
- A1 — WALL DESIGNATION TAG
- 88 — REVISION DESIGNATION TAG
- 0' - 0" ELEVATION — ELEVATION DATUM HEIGHT DESIGNATION
- ROOM NAME [812] — ROOM DESIGNATION TAG
- B8A2.1B SIM — DETAIL DESIGNATION TAG
- A10.11 SIM — INTERIOR ELEVATION DESIGNATION TAG
- A6.01 — EXTERIOR ELEVATION DESIGNATION TAG
- 1B A10.12 SIM — BUILDING / WALL / DETAIL SECTION DESIGNATION TAG

GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR STUD GAUGE AND BRIDGING REQUIREMENTS.
2. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CMU, OR FACE OF BRICK, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE ALL METAL STUD BLOCKING / BRACING FOR ALL WALL HUNG OR WALL MOUNTED ARCHITECTURAL ITEMS INSTALLED ON STUD WALLS, INCLUDING BUT NOT LIMITED TO: MILLWORK, COUNTERTOPS, TOILET ACCESSORIES, GRAB BARS, MARKER BOARDS, TACK BOARDS, CLOCKS, SPEAKERS, ETC...
4. ALL ITEMS ARE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED, UNLESS NOTED OTHERWISE.
5. ALL DRYWALL CONTROL JOINT PLACEMENT SHALL CONFORM WITH ASTM C840, UNLESS NOTED OTHERWISE. INSTALL CONTROL JOINTS AS SHOWN.
   A. IF NOT SHOWN, CONTROL JOINTS TO BE INSTALLED PER THE FOLLOWING:
      a. ALL CONTROL JOINTS SHALL BE INSTALLED WHERE SPECIFIED BY THE ARCHITECT OR DESIGNER AS A DESIGN ACCENT OR ARCHITECTURAL FEATURE.
      b. A CONTROL JOINT SHALL BE INSTALLED WHERE A PARTITION, WALL, OR CEILING TRAVERSES A CONSTRUCTION JOINT.
      c. CONTROL JOINT SHALL BE INSTALLED WHERE A WALL OR PARTITION RUNS IN AN UNINTERRUPTED STRAIGHT PLANE EXCEEDING 30 LINEAR FEET.
      d. CONTROL JOINTS IN INTERIOR CEILINGS WITH A PERIMETER RELIEF SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS DO NOT EXCEED 50'-0" AND TOTAL BETWEEN CONTROL JOINTS DOES NOT EXCEED 2500 SQ FT.
      e. CONTROL JOINTS IN INTERIOR CEILINGS WITHOUT PERIMETER RELIEF AND EXTERIOR CEILINGS AND SOFFITS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS DO EXCEED 30'-0" AND TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ FT.
      f. A CONTROL JOINT OR INTERMEDIATE BLOCKING SHALL BE INSTALLED WHERE CEILING FRAMING MEMBERS CHANGE DIRECTION.
      g. WHERE A CONTROL JOINT OCCURS IN AN ACOUSTICAL OR FIRE-RATED SYSTEM, BLOCKING SHALL BE PROVIDED BEHIND THE CONTROL JOINT BY USING A BACKING MATERIAL SUCH AS 5/8" TYPE X GYPSUM BOARD, MINERAL FIBER, OR OTHER TESTED EQUIVALENT.
      h. WHERE CONTROL JOINTS ARE INSTALLED IN NON-RATED ASSEMBLIES AND ARE PARALLEL TO THE FRAMING MEMBERS, A FRAMING MEMBER IS REQUIRED ON EACH SIDE OF THE OPENING. THIS REQUIREMENT IS FOR ATTACHMENT OF GYPSUM BOARD.
   B. CONTRACTOR SHALL INCLUDE IN BID FOR CONTROL JOINTS AS OUTLINED ABOVE, AND FOR A CONTROL JOINT TO BE INSTALLED AT BOTH JAMBS OF OPENINGS, WINDOWS, AND DOORS (ONE AT EACH JAMB FULL HEIGHT / TOP AND BOTTOM OF OPENING) & WITHIN 30 FEET OF CORNER OR PREVIOUS CONTROL JOINT.
6. AT ALL CERAMIC / PORCELAIN WALL TILE LOCATIONS, CONTRACTOR SHALL USE CEMENT BACKER BOARD, MINIMUM 5/8-INCH THICK, UNLESS OTHERWISE NOTED.
7. AT ALL WALLS (FULL HEIGHT) WITHIN TOILET ROOMS, SHOWERS, RESTROOMS AND/OR SIMILAR USE ROOMS NOT TILED, SHALL RECEIVE MINIMUM 5/8-INCH MOISTURE RESISTANCE GYPSUM.
8. AT ALL PLUMBING FIXTURES NOT WITHIN A ROOM DESCRIBED ABOVE, USE MINIMUM 5/8-INCH MOISTURE RESISTANCE GYPSUM FOR A DISTANCE OF 96-INCHES FROM THE CENTERLINE OF THE FIXTURE IN ALL DIRECTIONS.

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868

11150 industriplex blvd, suite 200
baton rouge, la 70809
t. 225.216.5770 f. 225.216.5771

REGISTRATION

CD SET - 100% NOT FOR CONSTRUCTION

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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

ABBREVIATIONS / LEGENDS / MASTER KEYNOTES

I1.401

NOVEMBER 6, 2025

LIFE SAFETY LEGEND

Symbol	Meaning
75 (with 25 / 50 and arrow)	NUMBER OF OCCUPANTS ALONG PATH OF EGRESS
	DIRECTION OF EGRESS
	OCCUPANT LOAD
DOOR 72 REQUIRED 888 PROVIDED	NUMBER OF OCCUPANTS ALLOWED
	NUMBER OF OCCUPANTS EXITING
90	REQUIRED OPENING RATING (min.)
	EXIT SIGN (DIRECTION & ILLUMINATION SIDE)
FE-1	FIRE EXTINGUISHER: SEMI-RECESSED CABINET
FE-2	FIRE EXTINGUISHER: SURFACE MOUNTED CABINET
FE-3	FIRE EXTINGUISHER: FULLY RECESSED CABINET
FE-4	FIRE EXTINGUISHER: SURFACE MOUNTED BRACKET
FE-5	FIRE EXTINGUISHER: UNDER COUNTER WITH BRACKET
	SMOKE PARTITION
	1 - HOUR RATED WALL
	2 - HOUR RATED WALL
	3 - HOUR RATED WALL
	4 - HOUR RATED WALL

CODY STUDY

FIRST FLOOR AREA =
SECOND FLOOR =
TOTAL BUILDING AREA =

APPLICABLE CODES:
BUILDING CODE:
LIFE SAFETY CODE:
SPRINKLER CODE:
OTHER CODES:

FIRE ALARM PROVIDED: YES
SPRINKLER SYSTEM PROVIDED: NO

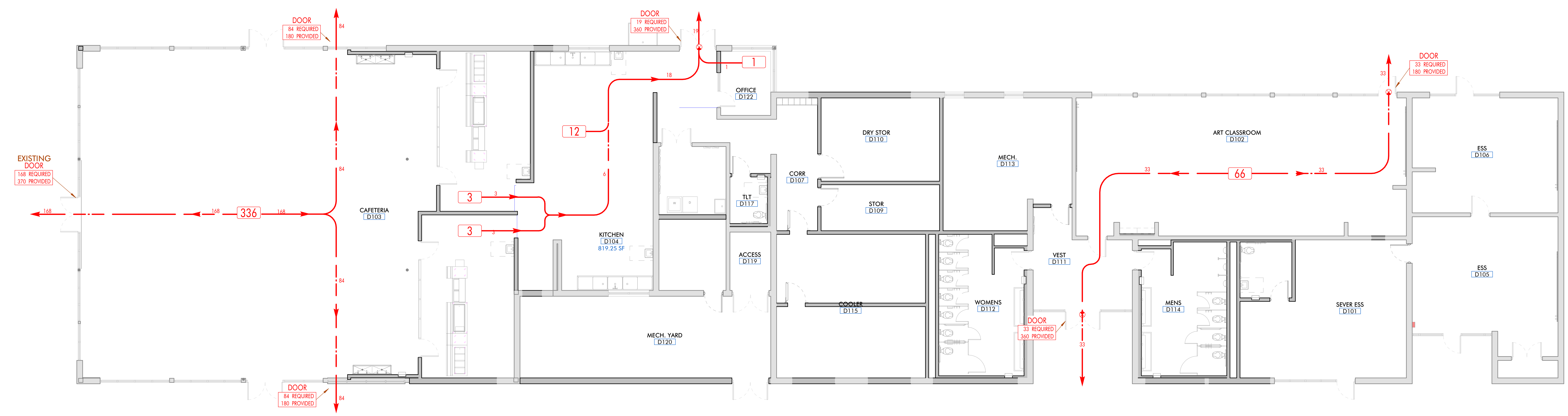
IBC 2021
OCCUPANCY CLASSIFICATION:
CONSTRUCTION TYPE:
OCCUPANT LOADS:
(OCCUPANCIES/)

TOTAL OCCUPANCY -
TRAVEL DISTANCE:
COMMON PATH OF TRAVEL:
DEAD END CORRIDORE:

NFPA 101
OCCUPANCY CLASSIFICATION:
CONSTRUCTION TYPE:
OCCUPANT LOADS:
(OCCUPANCIES/)

TOTAL OCCUPANCY -
TRAVEL DISTANCE:
COMMON PATH OF TRAVEL:
DEAD END CORRIDORE:

PLUMBING COUNT
TOTAL OCCUPANTS:
MEN: WOMEN:
ASSEMBLY:
MEN W/C -
WOMEN W/C -
LAVS -
DRK FNTN -
SER SINK -



1 | 1ST FLOOR - NEW CONSTRUCTION - LIFE SAFETY
1/8" = 1'-0" DRAWN BY:

ARCHITECT

CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

NATHAN L. O. CLARK REG. NO. 5792 STATE OF LOUISIANA REGISTERED ARCHITECT

MICHAEL K. BUTURLA Reg. No. 5434 STATE OF LOUISIANA REGISTERED ARCHITECT

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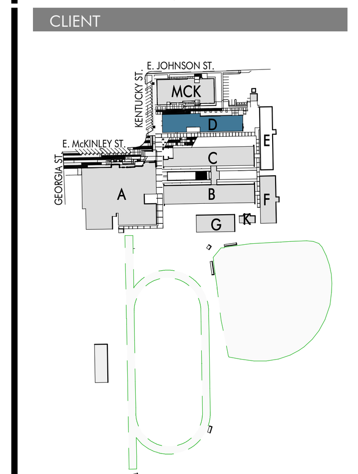


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

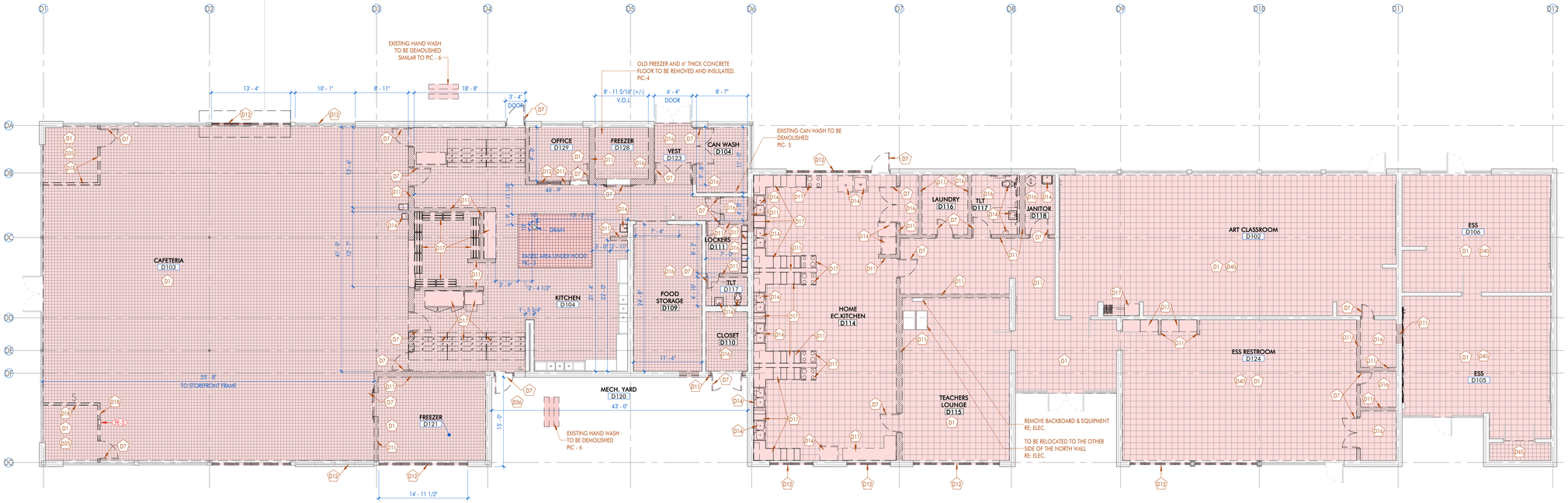
1ST FLOOR LIFE SAFETY PLAN- BLDG. D

LS.401

NOVEMBER 6, 2025

0"
1ST FLOOR

2 | STOREFRONT DEMO
1/4" = 1'-0" DRAWN BY: SS



1 | 1ST FLOOR - DEMO - WEST - BLDG D
1/8" = 1'-0" DRAWN BY: SS

PIC- 3
RAISED AREA UNDER HOOD

PIC- 4
REMOVE EXISTING FREEZER & 6" THK CONCRETE FLOOR AT THE FREEZER

PIC- 5
EXISTING CAN WASH

PIC- 6
EXISTING HAND WASH

FLOOR PLAN LEGEND

- 808.1 — DOOR DESIGNATION TAG
- FINISH / MATERIAL DESIGNATION TAG
- W1 — WINDOW DESIGNATION TAG
- A1 — WALL DESIGNATION TAG
- 88 — REVISION DESIGNATION TAG
- 0' - 0" ELEVATION — ELEVATION DATUM HEIGHT DESIGNATION
- ROOM NAME 812.1 — ROOM DESIGNATION TAG
- 88A12.18 SIM — DETAIL DESIGNATION TAG
- A10.11 SIM — INTERIOR ELEVATION DESIGNATION TAG
- 4 A6.01 4 — EXTERIOR ELEVATION DESIGNATION TAG
- 18.A10.12 SIM — BUILDING / WALL / DETAIL SECTION DESIGNATION TAG

DEMOLITION NOTES

MARK	DESCRIPTION
D1	REMOVE EXISTING VCT FLOORING IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED ADHESIVES, BASE, AND TRANSITION STRIPS, DOWN TO THE SUBFLOOR
D2	REMOVE EXISTING CARPET AND CARPET PAD COMPLETELY, INCLUDING TACK STRIPS, ADHESIVES, TRANSITION STRIPS AND ANY FASTNERS OR ANCHORING MATERIALS, DOWN TO THE SUBFLOOR
D3	REMOVE EXISTING ACOUSTICAL CEILING TILES, SUSPENSION GRIDS, AND ALL ASSOCIATED SUPPORT COMPONENTS IN THEIR ENTIRETY.
D4	DISCONNECT AND REMOVE LIGHTING.EXISTING WIRING SHALL BE GATHERED NEATLY AND ATTACHED TO THE NEAREST JUNCTION BOX REMAINING IN ORDER TO RECONNECT THE CIRCUIT TO THE NEW FIXTURE.
D5	REMOVE GYPSUM CEILING (ABOVE ACT CEILING) AND ASSOCIATED ASBESTOS-CONTAINING MATERIALS. RE: ENVIRONMENTAL
D6	REMOVE EXISTING GYPSUM FURDOWN, INCLUDING METAL FRAMING, FASTNERS, SUPPORTS, AND ASSOCIATED FINISHES, BACK TO THE SURROUNDING STRUCTURE. REMOVE EXISTING ACOUSTICAL CEILING TILES, SUSPENSION GRIDS, AND ALL ASSOCIATED SUPPORT COMPONENTS IN THEIR ENTIRETY.
D7	REMOVE EXISTING DOOR LEAF, FRAME, HARDWARE, AND ASSOCIATED COMPONENTS IN THEIR ENTIRETY, INCLUDING HINGES, STRIKES, CLOSERS, STOPS AND ANCHORS
D8	REMOVE EXISTING HANDRAILS, BRACKETS, SUPPORTS, AND ASSOCIATED FASTNERS IN THEIR ENTIRETY FROM MOUNTING SURFACE.
D9	DISCONNECT AND REMOVE EXISTING HVAC UNIT, AND 2-PIPE HYDRONIC BRANCH PIPING, CONDENSATE PIPING, EXISTING CONDENSATE RISER TO REMAIN AND REUSED FOR NEW. IF APPLICABLE, REMOVE EXISTINGDUCTWORK IN ITS ENTIRETY AND CAP, INSULATE, SEAL ALL DUCT TERMINATING THROUGH EXISTING LOUVER.
D10	REMOVE EXISTING MARKERBOARDS AND TACKBOARDS, INCLUDING TRIM, MOUNTING HARDWARE, AND ACCESSORIES, IN A MANNER THAT PREVENTS DAMAGE TO THE BOARDS OR SURROUNDING FINISHES. LABEL AND STORE ALL COMPONENTS, INCLUDING BOARDS, TRIM, AND MOUNTING BRACKETS, IN A SECURE, DRY, AND PROTECTED LOCATION. PROTECT STORED ITEMS THROUGHOUT THE DURATION OOF CONSTRUCTION TO ENSURE THEY REMAIN IN GOOD CONDITION FOR FINAL REINSTALL.
D11	DEMOLISH EXISTING CMU WALL IN ITS ENTIRETY AS INDICATED ON THE DRAWINGS, INCLUDING ALL ASSOCIATED FINISHES, REINFORCING, GROUT, BOND BEAMS, EMBEDDED ITEMS, AND ADJACENT CONSTRUCTION AS REQUIRED.
D12	REMOVE EXISTING STOREFRONT WINDOWS, INCLUDING GLAZING, FRAMES, ANCHORS, AND RELATED COMPONENTS, WITHOUT DAMAGE TO SURROUNDING STRUCTURE OR FINISHES UNLESS OTHERWISE INDICATED.
D13	DISCONNECT AND REMOVE EXISTING WIRELESS ACCESS POINTS, SPEAKERS, AND OCCUPANCY SENSORS, INCLUDING ALL ASSOCIATED MOUNTING HARDWARE, BRACKETS, WIRING AND CONNECTORS. BACK TO NEAREST JUNCTION BOX.
D14	DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES, INCLUDING SINKS, TOILETS, URINALS, FAUCETS, LAVATORIES, AND ASSOCIATED HARDWARE, TRIM, AND SUPPORTS. CAP OR TERMINATE ALL WATER SUPPLY, DRAIN, WASTE, AND VENT LINES IN ACCORDANCE WITH PLUMBING CODES AND PROJECT REQUIREMENTS TO PREVENT LEAKS OR CONTAMINATION.
D15	REMOVE ALL EXISTING LOCKERS, INCLUDING HARDWARE, MOUNTING BRACKETS, AND ACHORAGE SYSTEMS. DEMOLISH EXISTING CMU CURBS COMPLETELY, INCLDUING GROUT, REINFORCING, AND ANY ASSOCIATED BLOCKING OR SUPPORTS.
D16	REMOVE EXISTING EPOXY FLOORING SYSTEM IN ITS ENTIRETY DOWN TO THE ORIGIINAL CONCRETE SUBSTRATE. INCLUDES GRINDING OR OTHER APPROPRIATE MECHANICAL MEANS NECESSARY TO FULLY REMOVE ALL COATING MATERIALS, ADHESIVES, AND SURFACE CONTAMINATES.
D17	REMOVE EXISTING MILLWORK, INCLUDING CABINETS, COUNTERTOPS, SHELVING, TRIM AND ASSOCIATE SUPPORTS IN THEIR ENTIRETY.
D18	DEMOLISH EXISTING METAL STUD WALL, INCLUDING ALL ASSOCIATED GYPSUM BOARD, INSULATION, FASTNERS, AND RELATED FINISHES, AS INDICATED ON THE DRAWINGS. ALL UTILITY SERVICES (ELECTRICAL DATA, PLUMBING ETC) WITHIN OR ATTACHED TO THE WALL SHALL BE IDENTIFIED, DISCONNECTED, AND TERMINATED PROIR TO DEMOLITION
D19	DEMOLISH EXISTING DOUBLE WYTHE BRICK WALL IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED MORTAR, TIES, AND EMBEDDED COMPONENTS. SEPARATE FROM ADJACENT CONSTRUCTION AVOIDING DAMAGE TO REMAINING STRUCTURE.
D20	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AND METAL DECKING AS INDICATED ON THE DRAWINGS. COORDINATED LIMITS OF REMOVAL WITH STRUCTURAL AND ARCHITECTURAL PLANS. PROTECT ADJACENT STRUCTURE AND SYSTEMS FROM DAMAGE DURING DEMOLITION. VERIFY THAT ANY STRUCTURAL ELEMENTS TO REMAIN ARE NOT COMPROMISED. PROVIDE TEMPORARY SHORING AS REQUIRED TO ENSURE SAFETY AND STRUCTURAL INTEGRITY DURING REMOVAL OPERATIONS.
D21	REMOVE EXISTING SUSPENDED ACOUSTIC CEILING PANELS AND ASSOCIATED SUSPENSION SYSTEM IN THEIR ENTIRETY
D29	NOT USED
D33	DEMOLISH EXISTING 2-PIPE HYDRONIC MAINS ROUTED THROUGH CORRIDOR TO WHERE THE MAINS TERMINATE INTO THE BUILDING. PROVIDE SHUTOFF VALVE, CAP INSULATE REMAINING PIPE AT EXTERIOR WALL.
D34	DEMOLISH EXISTING DUCTWORK ABOVE CEILING AND CORRESPONDING CEILING DIFFUSERS THROUGHOUT THE SPACE.
D35	DEMOLISH DX SPLIT SYSTEM (AHU & CU) AND CORRESPONDING REFRIGERANT PIPING, CONDENSATE PIPING. IF APPLICABLE, REMOVE EXISTING DUCTWORK IN ITS ENTIRETY AND CAP, INSULATE, SEAL DUCT TERMINATING THROUGH EXISTING LOUVER
D36	DEMOLISH DX PACKAGED HVAC UNIT AND CORRESPONDING DUCTWORK IN ITS ENTIRETY. CAP, INSULATE, SEAL DUCT TERMINATING THROUGH EXISTING ENVELOPE.
D37	DEMOLISH DX MINI SYSTEM (FCU & CU) AND CORRESPONDING REFRIGERANT PIPING, CONDENSATE PIPING. INSULATE, SEAL ALL EXTERIOR PENETRATIONS TO MATCH EXISTING ENVELOPE.
D38	DEMOLISH EXISTING TOILET SEATS AND FLUSH VALVES. CAP CORRESPONDING WATER SUPPLY LINE. WATER CLOSET AND URINAL TO REMAIN AND TO BE REFURBISHED.
D39	EXISTING RECEPTACLE IN THE WALL TO BE DEMOLISHED. REMOVE RECEPATCLE AND JUCTION BOX REMOVE WIRING BACK TO THE NEAREST SOURCE. FOR CIRCUITS ROUTED ABOVE CEILING, EXISTING WIRING SHALL BE GATHERED NEATLY AND ATTACHED TO THE NEAREST JUCTION BOX REMAINING, IN ORDER TO RECONNECT THE CIRCUIT TO NEW OUTLETS. IN ANY CASE, NOTIFY A/E TEAM IF WIRING IS DISCONNECTED FROM ANY RECEPTACLE(S) DOWNSTREAM, DISCONNECTING FUTURE POWER TO THEM.
D40	REMOVE EXISTING RUBBER WALL BASE AS DESIGNATED IN THE PLAN. REMOVE ALL ASSOCIATED ADHESIVE RESIDUE TO PROVIDE A CLEAN, SMOOTH SURFACE
D41	REMOVE WOOD STAIR, LANDING AND HANDRAILS.
D45	EXISTING FLOORING IS TO BE REMOVED / ABATED BY ABATEMENT CONTRACTOR. CONTRACTOR TO CLEAN & PREP EXISTING SUBFLOOR FOR NEW FLOORING.

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CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 birkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.505.8868
11150 industriplex blvd. suite 200
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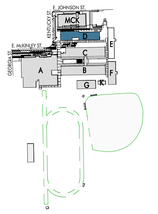

RENOVATION AND ADDITION TO McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project #	C24-0038
CA project #	24009
date	NOVEMBER 6, 2025

DEMO - 1ST FLOOR- BLDG. D

D2.401

NOVEMBER 6, 2025

FLOOR PLAN LEGEND

- 808.1 — DOOR DESIGNATION TAG
- FINISH / MATERIAL DESIGNATION TAG
- W1 — WINDOW DESIGNATION TAG
- A1 — WALL DESIGNATION TAG
- RR — REVISION DESIGNATION TAG
- 0' - 0" ELEVATION — ELEVATION DATUM HEIGHT DESIGNATION
- ROOM NAME [812] — ROOM DESIGNATION TAG
- 88A12.18 SIM — DETAIL DESIGNATION TAG
- A10.11 SIM — INTERIOR ELEVATION DESIGNATION TAG
- A6.01 — EXTERIOR ELEVATION DESIGNATION TAG
- 1B A10.12 SIM — BUILDING / WALL / DETAIL SECTION DESIGNATION TAG

DEMOLITION NOTES

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D19	DEMOLISH EXISTING DOUBLE WYTHE BRICK WALL IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED MORTAR, TIES, AND EMBEDDED COMPONENTS. SEPARATE FROM ADJACENT CONSTRUCTION AVOIDING DAMAGE TO REMAINING STRUCTURE.
D20	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AND METAL DECKING AS INDICATED ON THE DRAWINGS. COORDINATED LIMITS OF REMOVAL WITH STRUCTURAL AND ARCHITECTURAL PLANS. PROTECT ADJACENT STRUCTURE AND SYSTEMS FROM DAMAGE DURING DEMOLITION. VERIFY THAT ANY STRUCTURAL ELEMENTS TO REMAIN ARE NOT COMPROMISED. PROVIDE TEMPORARY SHORING AS REQUIRED TO ENSURE SAFETY AND STRUCTURAL INTEGRITY DURING REMOVAL OPERATIONS.
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DEMOLITION NOTES

MARK	DESCRIPTION
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D2	REMOVE EXISTING CARPET AND CARPET PAD COMPLETELY, INCLUDING TACK STRIPS, ADHESIVES, TRANSITION STRIPS AND ANY FASTNERS OR ANCHORING MATERIALS, DOWN TO THE SUBFLOOR
D3	REMOVE EXISTING ACOUSTICAL CEILING TILES, SUSPENSION GRIDS, AND ALL ASSOCIATED SUPPORT COMPONENTS IN THEIR ENTIRETY.
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D5	REMOVE GYPSUM CEILING (ABOVE ACT CEILING) AND ASSOCIATED ASBESTOS-CONTAINING MATERIALS. RE: ENVIRONMENTAL
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D8	REMOVE EXISTING HANDRAILS, BRACKETS, SUPPORTS, AND ASSOCIATED FASTNERS IN THEIR ENTIRETY FROM MOUNTING SURFACE.
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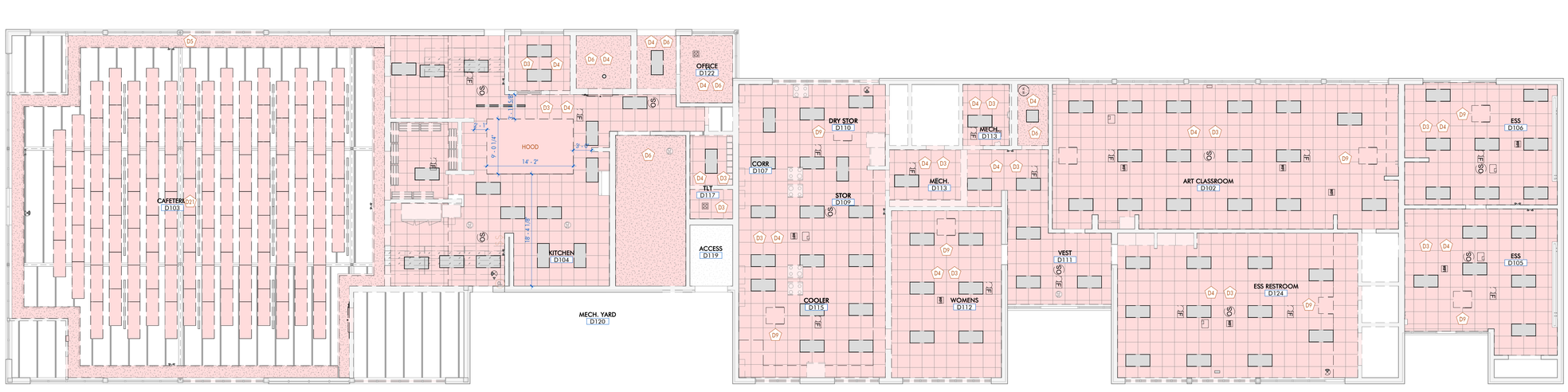
D12	REMOVE EXISTING STOREFRONT WINDOWS, INCLUDING GLAZING, FRAMES, ANCHORS, AND RELATED COMPONENTS, WITHOUT DAMAGE TO SURROUNDING STRUCTURE OR FINISHES UNLESS OTHERWISE INDICATED.
D13	DISCONNECT AND REMOVE EXISTING WIRELESS ACCESS POINTS, SPEAKERS, AND OCCUPANCY SENSORS, INCLUDING ALL ASSOCIATED MOUNTING HARDWARE, BRACKETS, WIRING AND CONNECTORS. BACK TO NEAREST JUNCTION BOX.
D14	DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES, INCLUDING SINKS, TOILETS, URINALS, FAUCETS, LAVATORIES, AND ASSOCIATED HARDWARE, TRIM, AND SUPPORTS. CAP OR TERMINATE ALL WATER SUPPLY, DRAIN, WASTE, AND VENT LINES IN ACCORDANCE WITH PLUMBING CODES AND PROJECT REQUIREMENTS TO PREVENT LEAKS OR CONTAMINATION.
D15	REMOVE ALL EXISTING LOCKERS, INCLUDING HARDWARE, MOUNTING BRACKETS, AND ACHORAGE SYSTEMS. DEMOLISH EXISTING CMU CURBS COMPLETELY, INCLDUING GROUT, REINFORCING, AND ANY ASSOCIATED BLOCKING OR SUPPORTS.



1 1ST FLOOR RCP - DEMO - WEST - BLDG D

1/8" = 1'-0" DRAWN BY:

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AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t. 225.216.5770 f. 225.216.5771

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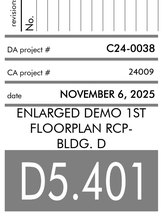


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

ENLARGED DEMO 1ST FLOORPLAN RCP- BLDG. D

D5.401

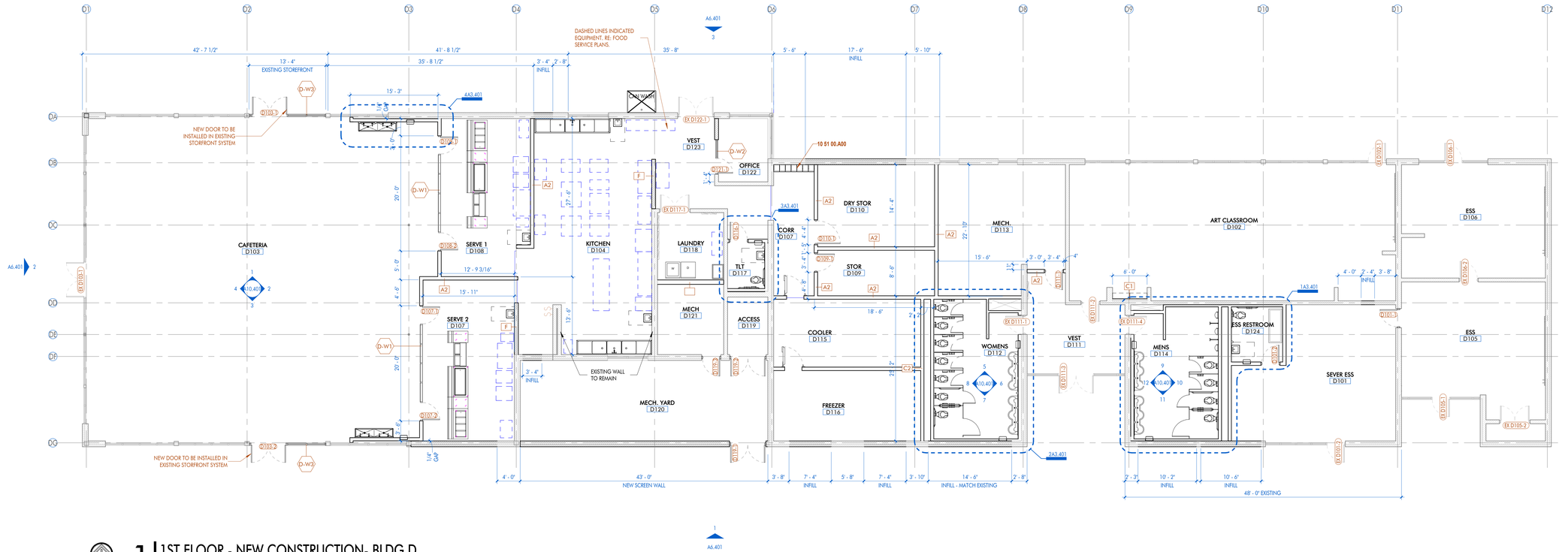
NOVEMBER 6, 2025

GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR STUD GAUGE AND BRIDGING REQUIREMENTS.
2. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CMU, OR FACE OF BRICK, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE ALL METAL STUD BLOCKING / BRACING FOR ALL WALL HUNG OR WALL MOUNTED ARCHITECTURAL ITEMS INSTALLED ON STUD WALLS, INCLUDING BUT NOT LIMITED TO: MILLWORK, COUNTERTOPS, TOILET ACCESSORIES, GRAB BARS, MARKER BOARDS, TACK BOARDS, CLOCKS, SPEAKERS, ETC...
4. ALL ITEMS ARE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED, UNLESS NOTED OTHERWISE.
5. ALL DRYWALL CONTROL JOINT PLACEMENT SHALL CONFORM WITH ASTM C840, UNLESS NOTED OTHERWISE. INSTALL CONTROL JOINTS AS SHOWN.
   A. IF NOT SHOWN, CONTROL JOINTS TO BE INSTALLED PER THE FOLLOWING:
      a. ALL CONTROL JOINTS SHALL BE INSTALLED WHERE SPECIFIED BY THE ARCHITECT OR DESIGNER AS A DESIGN ACCENT OR ARCHITECTURAL FEATURE.
      b. A CONTROL JOINT SHALL BE INSTALLED WHERE A PARTITION, WALL, OR CEILING TRAVERSES A CONSTRUCTION JOINT.
      c. CONTROL JOINT SHALL BE INSTALLED WHERE A WALL OR PARTITION RUNS IN AN UNINTERRUPTED STRAIGHT PLANE EXCEEDING 30 LINEAR FEET.
      d. CONTROL JOINTS IN INTERIOR CEILINGS WITH A PERIMETER RELIEF SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS DO NOT EXCEED 50'-0" AND TOTAL BETWEEN CONTROL JOINTS DOES NOT EXCEED 2500 SQ FT.
      e. CONTROL JOINTS IN INTERIOR CEILINGS WITHOUT PERIMETER RELIEF AND EXTERIOR CEILINGS AND SOFFITS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS DO EXCEED 30'-0" AND TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ FT.
      f. A CONTROL JOINT OR INTERMEDIATE BLOCKING SHALL BE INSTALLED WHERE CEILING FRAMING MEMBERS CHANGE DIRECTION.
      g. WHERE A CONTROL JOINT OCCURS IN AN ACOUSTICAL OR FIRE-RATED SYSTEM, BLOCKING SHALL BE PROVIDED BEHIND THE CONTROL JOINT BY USING A BACKING MATERIAL SUCH AS 5/8" TYPE X GYPSUM BOARD, MINERAL FIBER, OR OTHER TESTED EQUIVALENT.
      h. WHERE CONTROL JOINTS ARE INSTALLED IN NON-RATED ASSEMBLIES AND ARE PARALLEL TO THE FRAMING MEMBERS, A FRAMING MEMBER IS REQUIRED ON EACH SIDE OF THE OPENING. THIS REQUIREMENT IS FOR ATTACHMENT OF GYPSUM BOARD.
   B. CONTRACTOR SHALL INCLUDE IN BID FOR CONTROL JOINTS AS OUTLINED ABOVE, AND FOR A CONTROL JOINT TO BE INSTALLED AT BOTH JAMBS OF OPENINGS, WINDOWS, AND DOORS (ONE AT EACH JAMB FULL HEIGHT / TOP AND BOTTOM OF OPENING) & WITHIN 30 FEET OF CORNER OR PREVIOUS CONTROL JOINT.
6. AT ALL CERAMIC / PORCELAIN WALL TILE LOCATIONS, CONTRACTOR SHALL USE CEMENT BACKER BOARD, MINIMUM 5/8-INCH THICK, UNLESS OTHERWISE NOTED.
7. AT ALL WALLS (FULL HEIGHT) WITHIN TOILET ROOMS, SHOWERS, RESTROOMS AND/OR SIMILAR USE ROOMS NOT TILED, SHALL RECEIVE MINIMUM 5/8-INCH MOISTURE RESISTANCE GYPSUM.
8. AT ALL PLUMBING FIXTURES NOT WITHIN A ROOM DESCRIBED ABOVE, USE MINIMUM 5/8-INCH MOISTURE RESISTANCE GYPSUM FOR A DISTANCE OF 96-INCHES FROM THE CENTERLINE OF THE FIXTURE IN ALL DIRECTIONS.

ROOF PLAN LEGEND

- VISIBLE CANOPY ROOF DAMAGE
- REMOVE & REPLACE ROOF
- NEW CONSTRUCTED ROOF
- VENT THRU ROOF, VERIFY PIPE DIAMETER IN FIELD.
- EXISTING EXHAUST VENT
- EXISTING EXHAUST VENT
- EXISTING FLUE, REWORK AND EXTEND TO ACCOMMODATE NEW ROOF. PROVIDE FLASHING AROUND PENETRATION
- ROOF DRAIN
- EXISTING SMOKE VENT
- RUBBER BLOCK PIPE/CONDUIT SUPPORT
- PIPE SUPPORT
- METAL SPLASH PAN
- TRAFFIC PAD
- EXISTING ROOF ACCESS HATCH
- EXISTING AHU
- EXISTING CU
- EXISTING EXHAUST VENT
- MAKE UP AIR VENT



1 | 1ST FLOOR - NEW CONSTRUCTION- BLDG D

1/8" = 1'-0" DRAWN BY: SS

NOVEMBER 6, 2025

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10626 linkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
baton rouge, la 70809
t. 225.216.3770 f. 225.216.3771

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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

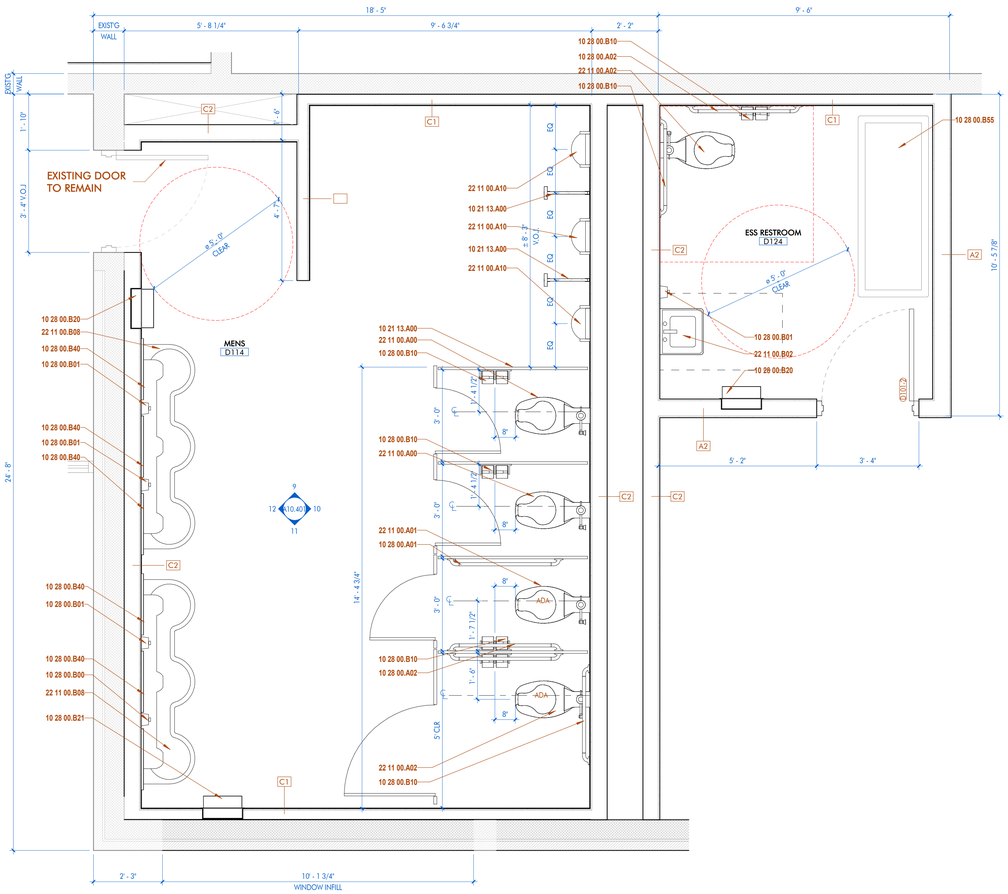
PROJECT INFORMATION

revisions No.	Description	Date

DA project #	C24-0038
CA project #	24009
date	NOVEMBER 6, 2025

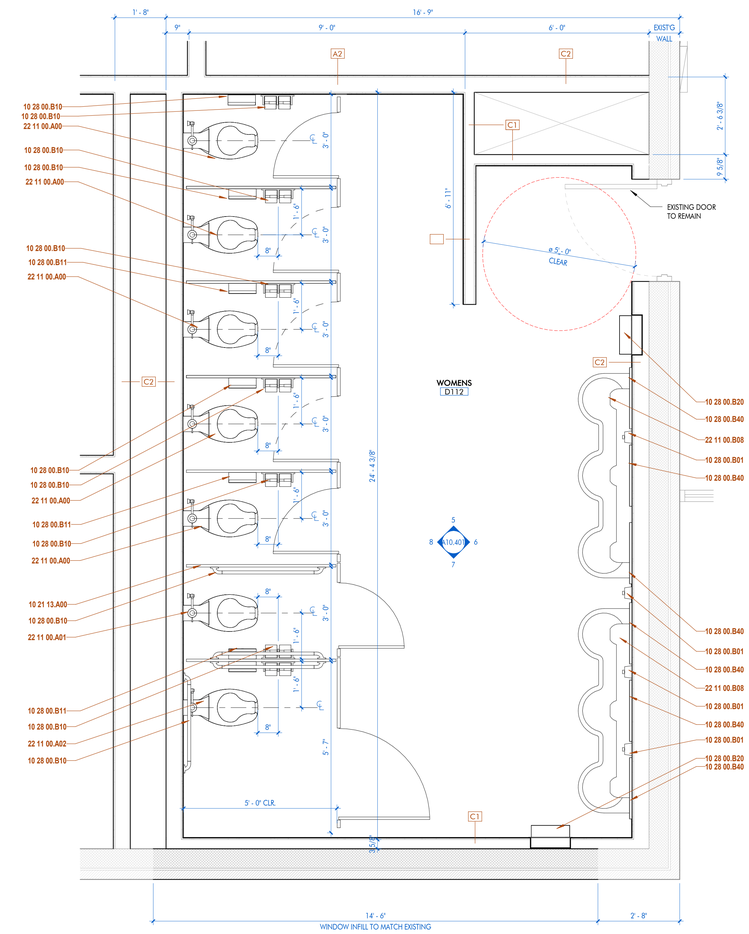
FLOOR PLANS- BLDG. D

A2.401



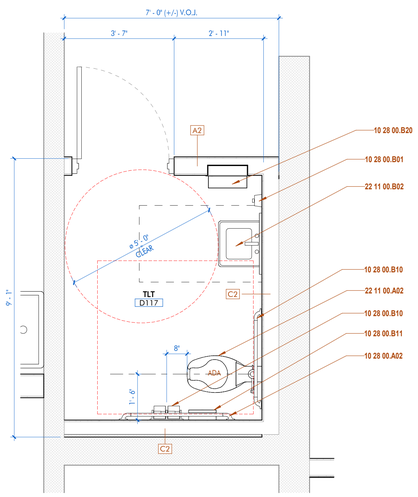
1 | ENLARGED PLAN- MENS RESTROOM & ESS RESTROOM- BLDG D

1/2" = 1'-0" DRAWN BY:



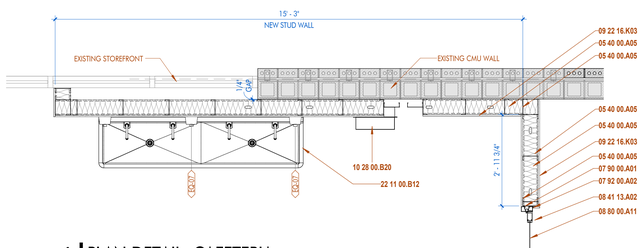
2 | ENLARGED PLAN- WOMENS RESTROOM- BLDG D

1/2" = 1'-0" DRAWN BY:



3 | ENLARGED PLAN- FACULTY RESTROOM- BLDG D

1/2" = 1'-0" DRAWN BY: SS



4 | PLAN DETAIL CAFETERIA

1/2" = 1'-0" DRAWN BY: SS

SHEET KEYNOTE LIST

SPEC NUMBER	KEYNOTE DESCRIPTION
05 40 00.A05	6" METAL STUDS
07 90 00.A01	BACKER ROD & SEALANT
07 92 00.A02	
08 41 13.A02	PREFINISHED INTERIOR ALUMINUM STOREFRONT
08 80 00.A11	1/4" TINTED GLASS
09 22 16.K03	5/8" GYPSUM WALLBOARD
10 21 13.A00	TOILET PARTITION - OVERHEAD BRACED; FLOOR-MOUNTED
10 28 00.A01	12" GRAB BAR
10 28 00.A02	18" GRAB BAR
10 28 00.B00	SOAP DISPENSER
10 28 00.B01	WALL-MOUNT LIQUID SOAP DISPENSER
10 28 00.B10	TOILET TISSUE DISPENSER
10 28 00.B11	SANITARY NAPKIN DISPOSAL
10 28 00.B20	COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE
10 28 00.B21	PAPER TOWEL DISPENSER
10 28 00.B40	FRAMED MIRROR
10 28 00.B55	WALL MOUNTED ADA FOLDABLE SHOWER SEAT WITH NECESSARY BLOCKING TO ENSURE LOAD RATING
22 11 00.A00	TOILET, RE: PLUMBING
22 11 00.A01	FLUSH VALVE TOILET; STANDARD HEIGHT, RE: PLUMBING
22 11 00.A02	FLUSH VALVE TOILET; ADA HEIGHT, RE: PLUMBING
22 11 00.A10	URINAL, RE: PLUMBING
22 11 00.B02	WALL MOUNT SINK, RE: PLUMBING
22 11 00.B08	S.S. THREE COMPARTMENT SINK, RE: PLUMBING
22 11 00.B12	WALL MOUNTED, MULTI-STATION SINK; RE: PLUMBING

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10626 linkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
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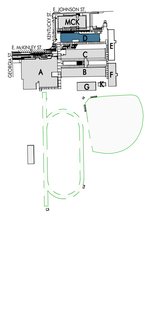


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

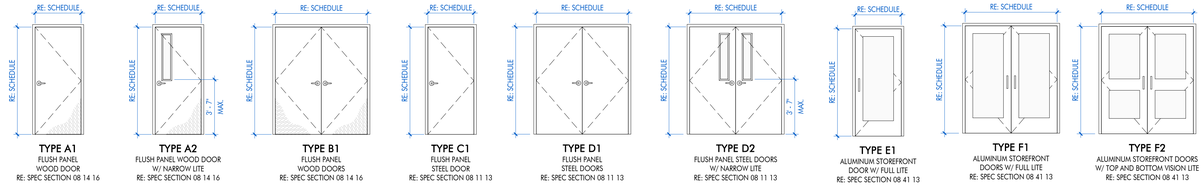
revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

ENLAGED FLOOR PLANS- BLDG. D

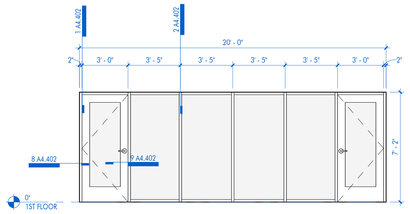
A3.401

NOVEMBER 6, 2025



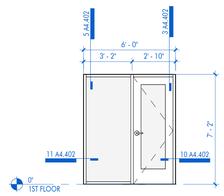
1 *** DOOR TYPES - Commerical - EDITED

1/4" = 1'-0" DRAWN BY: ABC



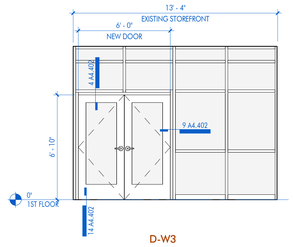
D-W1

INTERIOR ALUMINUM
STOREFRONT ASSEMBLY w/ FIXED
TINTED GLASS



D-W2

INTERIOR ALUMINUM
STOREFRONT ASSEMBLY WITH
FIXED GLASS

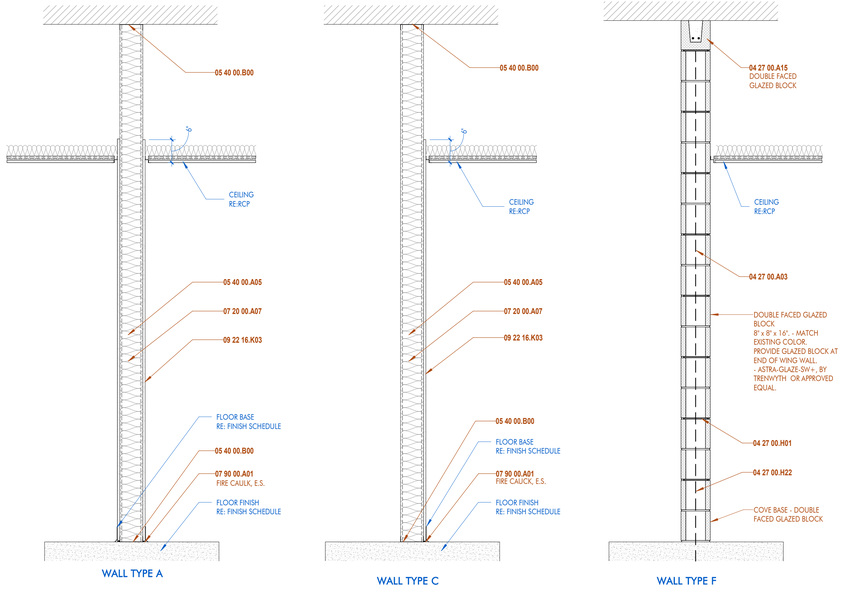


D-W3

NEW STOREFRONT DOOR IN EXISTING
STOREFRONT SYSTEM

2 STOREFRONT TYPES- BLDG D

1/4" = 1'-0" DRAWN BY: SS



3 WALL TYPES- BLDG D

NOT TO SCALE DRAWN BY: SS

DOOR SCHEDULE - NEW

ROOM NAME	DOOR NUMBER	DOOR TYPE	FIRE RATING	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME NUMBER	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	DOOR NUMBER	REMARKS
SEVER ESS	D101-1	A2		3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D101-1	H.M.	PAINT	6 A4.402	12 A4.402	-	D101-1	
ESS RESTROOM	D101-2	A1		3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D101-2	H.M.	PAINT	7 A4.402	13 A4.402	-	D101-2	
CAFETERIA	D103-1	F1	0	6' - 0"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D103-1	ALUM.	CLEAR ANODIZED	4 A4.402	9 A4.402	14 A4.402	D103-1	
CAFETERIA	D103-2	F1	0	6' - 0"	6' - 10"	1 3/4"	ALUM.	CLEAR ANODIZED	D103-2	ALUM.	CLEAR ANODIZED	4 A4.402	9 A4.402	14 A4.402	D103-2	
SERVE 2	D107-1	E1	0	3' - 0"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D107-1	ALUM.	CLEAR ANODIZED	7 A4.402	13 A4.402	-	D107-1	180° SWING
SERVE 2	D107-2	E1	0	3' - 0"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D107-2	ALUM.	CLEAR ANODIZED	7 A4.402	13 A4.402	-	D107-2	180° SWING
SERVE 1	D108-1	E1	0	3' - 0"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D108-1	ALUM.	CLEAR ANODIZED	6 A4.402	13 A4.402	-	D108-1	180° SWING
SERVE 1	D108-2	E1	0	3' - 0"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D108-2	ALUM.	CLEAR ANODIZED	7 A4.402	13 A4.402	-	D108-2	180° SWING
STOR	D109-1	A1		3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D109-1	H.M.	PAINT	7 A4.402	13 A4.402	-	D109-1	
DRY STOR	D110-1	A1		4' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D110-1	H.M.	PAINT	7 A4.402	13 A4.402	-	D110-1	
VEST	D111-1	A2		3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D111-1	H.M.	PAINT	7 A4.402	13 A4.402	-	D111-1	
TLT	D116-1	A1		3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	D116-1	H.M.	PAINT	7 A4.402	13 A4.402	-	D116-1	
MECH. YARD	D119-1	D1	0	6' - 0"	7' - 0"	1 3/4"	H.M.	PAINT	D119-1	H.M.	PAINT	6 A4.402	12 A4.402	15 A4.402	D119-1	
MECH. YARD	D119-2	D1	0	6' - 0"	7' - 0"	1 3/4"	H.M.	PAINT	D119-2	H.M.	PAINT	6 A4.402	12 A4.402	-	D119-2	
MECH. YARD	D119-3	C1		3' - 0"	7' - 0"	1 3/4"	H.M.	PAINT	D119-3	H.M.	PAINT	6 A4.402	12 A4.402	-	D119-3	
OFFICE	D121-1	E1	0	2' - 7"	7' - 0"	1 3/4"	ALUM.	CLEAR ANODIZED	D121-1	ALUM.	CLEAR ANODIZED	3 A4.402	10 A4.402	-	D121-1	
COOLER	D121-2	F3		3' - 0"	6' - 6"	4"			D121-2						D121-2	
CORR	D121-3	F3		3' - 0"	6' - 6"	4"			D121-3						D121-3	

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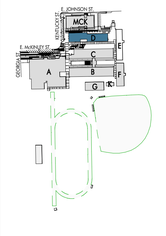

RENOVATION AND ADDITION TO
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PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

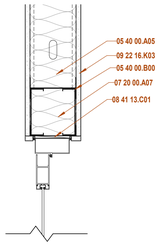
CA project # 24009

date NOVEMBER 6, 2025

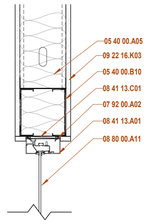
DOOR & STOREFRONT SCHEDULE & TYPES- BLDG. D

A4.401

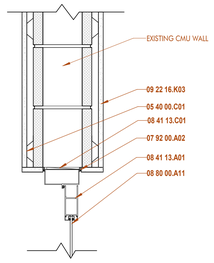
NOVEMBER 6, 2025



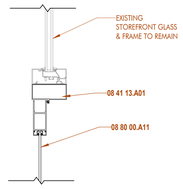
1 | HEAD - STOREFRONT.DOOR @ STUD
1 1/2" = 1'-0" DRAWN BY: SS



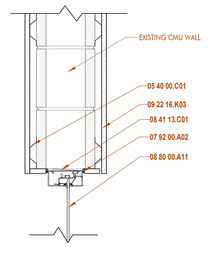
2 | HEAD - INT.STOREFRONT @ STUD
1 1/2" = 1'-0" DRAWN BY: SS



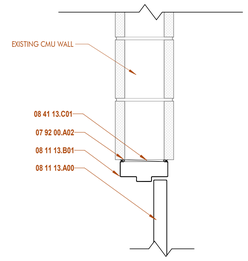
3 | HEAD - STOREFRONT.DOOR-OFFICE@ CMU
1 1/2" = 1'-0" DRAWN BY: SS



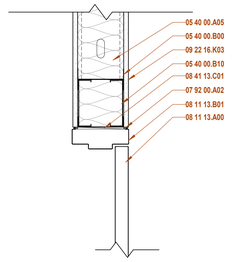
4 | HEAD - INT/EXT.STOREFRONT @ DOOR
1 1/2" = 1'-0" DRAWN BY: SS



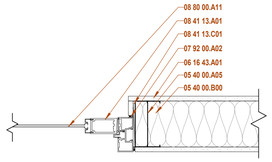
5 | HEAD - STOREFRONT @CMU
1 1/2" = 1'-0" DRAWN BY: SS



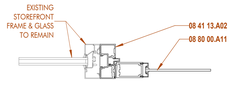
6 | HEAD - DOOR @ CMU
1 1/2" = 1'-0" DRAWN BY: SS



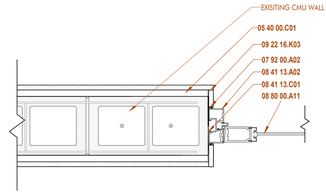
7 | HEAD - DOOR @ STUD
1 1/2" = 1'-0" DRAWN BY: SS



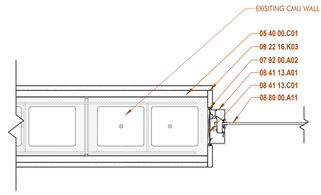
8 | JAMB - STOREFRONT.DOOR @ STUD
1 1/2" = 1'-0" DRAWN BY: SS



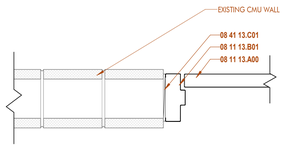
9 | JAMB - INT/EXT.STPREFRONT @DOOR
1 1/2" = 1'-0" DRAWN BY: SS



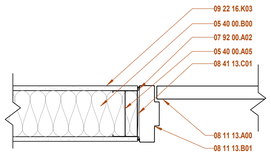
10 | JAMB - STOREFRONT.DOOR-OFFICE@ CMU
1 1/2" = 1'-0" DRAWN BY: SS



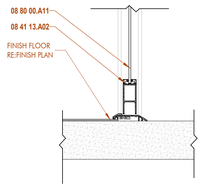
11 | JAMB - INT.STOREFRONT @ CMU
1 1/2" = 1'-0" DRAWN BY: SS



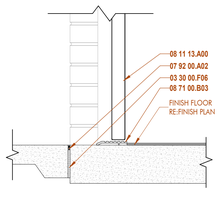
12 | JAMB - DOOR@ CMU
1 1/2" = 1'-0" DRAWN BY: SS



13 | JAMB - IND.DOOR @STUD
1 1/2" = 1'-0" DRAWN BY: SS



14 | SILL - STOREFRONT.DOOR
1 1/2" = 1'-0" DRAWN BY:



15 | SILL - INT.DOOR
1 1/2" = 1'-0" DRAWN BY: SS

NOVEMBER 6, 2025

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t. 225.216.5770 f. 225.216.5771

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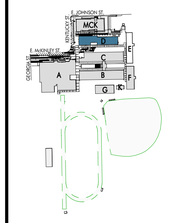
CLIENT



RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

HJS DETAILS - BLDG D

A4.402

CEILING PLAN LEGEND

CEILING TYPE

A 9'-0" PT-1 — CEILING HEIGHT ABOVE FINISH FLOOR

CEILING FINISH

ROOM NAME [812] — ROOM DESIGNATION TAG

F1 RECESSED 2X4
F2 RECESSED 2X2
F3 RECESSED CAN- 6IN
F4 LINEAR HIGH BAY UTILITY LIGHT
F5 LINEAR PENDANT
F6 LINEAR RECESSED
F7 RECESSED 1X4
F8 WALL MOUNTED LINEAR PENDANT
F9 SPOT THEATER LIGHT
F10 RECESSED DOWNLIGHT
F11 12" RETURN DIFFUSER
F12 24" RETURN DIFFUSER
F13 12" SUPPLY DIFFUSER
F14 24" SUPPLY DIFFUSER
F15 ACCESS PANEL
F16 EXTERIOR CAN- 6IN
WAY CASSETTE INDOOR UNIT

CEILING PLAN LEGEND

NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION

A — EXPOSED TO STRUCTURE
B — PAINTED GYPSUM BOARD
C — 2 X 2 SUSPENDED ACOUSTICAL TILE CEILING
D — EXTERIOR METAL PANEL

SHEET KEYNOTE LIST

SPEC NUMBER	KEYNOTE DESCRIPTION

1 1ST FLOOR RCP - NEW CONSTRUCTION- BLDG D

1/8" = 1'-0" DRAWN BY:

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
baton rouge, la 70809
t. 225.216.3770 f. 225.216.3771

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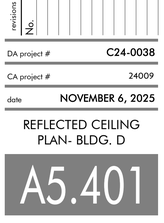
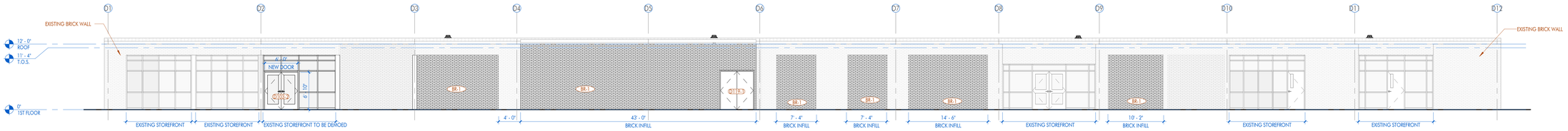


SHEET KEYNOTE LIST	
SPEC NUMBER	**KEYNOTE DESCRIPTION**
10 53 00.A50	PREFINISHED ALUMINUM CANOPY ANCHORED TO WALL



1 SOUTH ELEVATION- BLDG D

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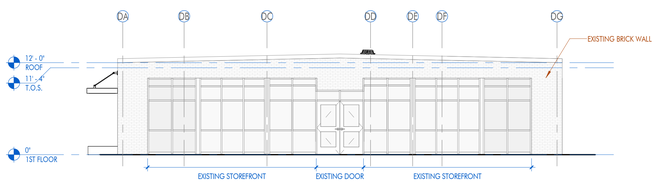
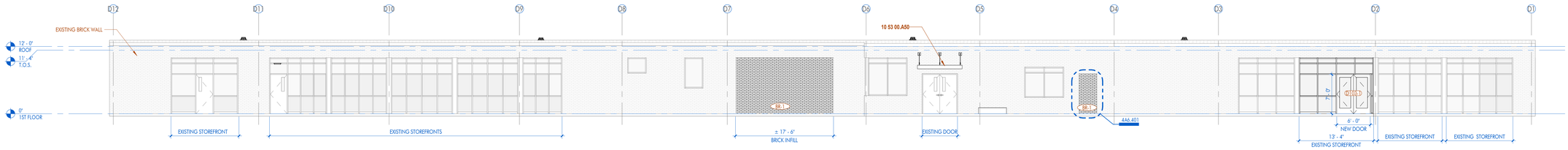


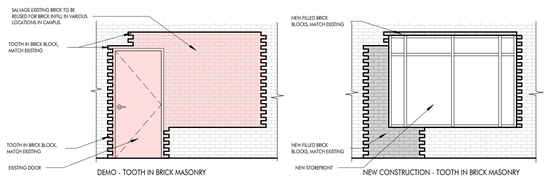
2 WEST ELEVATION- BLDG D

1/8" = 1'-0" DRAWN BY:



3 NORTH ELEVATION- BLDG D

1/8" = 1'-0" DRAWN BY:



DEMO - TOOTH IN BRICK MASONRY

NEW CONSTRUCTION - TOOTH IN BRICK MASONRY

4 DEMO DETAIL AT EXTERIOR BRICK - TYP- BLDG D

1/4" = 1'-0" DRAWN BY: SS

NOVEMBER 6, 2025

ARCHITECT

CHASM DOMAIN

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10626 linkwood ct. suite a
baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd. suite 200
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t. 225.216.3770 f. 225.216.3771

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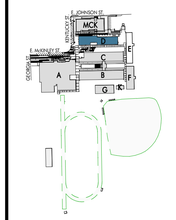


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

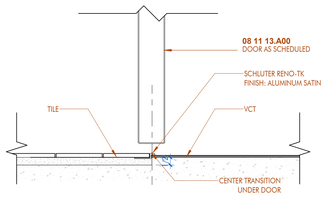
date NOVEMBER 6, 2025

EXTERIOR ELEVATIONS- BLDG. D

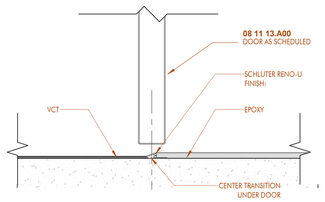
A6.401

FINISH SCHEDULE _ by walls

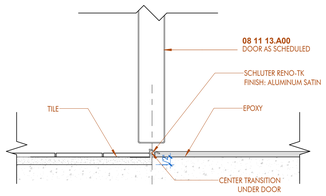
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	CEILING FINISH	COMMENTS
D101	SEVER ESS	VCT-1, VCT-2, VCT-3, VCT-4	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D102	SERVE 1	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D102	ART CLASSROOM	VCT-1, VCT-2, VCT-3, VCT-4	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D103	CAFETERIA	VCT-1, VCT-2, VCT-3, VCT-4	RB-1	PT-1	PT-4	PT-1	PT-1	PT-2	
D103	SERVE 2	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D104	KITCHEN	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D105	ESS	VCT-1, VCT-2, VCT-3, VCT-4	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D106	ESS	VCT-1, VCT-2, VCT-3, VCT-4	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D107	CORR	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D109	STOR	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D110	DRY STOR	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D111	VEST	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D112	WOMENS	EF-1	EF-1	TL-2	TL-3	TL-2	TL-2	ACT-2	
D113	MECH.	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D114	MENS	EF-1	EF-1	TL-2	TL-2	TL-2	TL-3	ACT-2	
D115	COOLER	TL-4	TB-2	PT-2	PT-2	PT-2	PT-2	ACT-2	
D117	TLT	EF-1	EF-1	TL-2	TL-3	TL-2	TL-2	PT-2	
D119	ACCESS	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D120	MECH. YARD	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
D124	ESS RESTROOM	EF-1	EF-1	PT-1	PT-1	PT-1	PT-1	ACT-1	



1 VCT TO TILE
3" = 1'-0" DRAWN BY:



2 VCT TO EPOXY
3" = 1'-0" DRAWN BY:



3 EPOXY TO TILE
3" = 1'-0" DRAWN BY:

FINISH LEGEND

FINISH MARK	MANUFACTURER	DESCRIPTION	SIZE	MODEL, NAME, & COLOR	COMMENTS
ACOUSTIC CEILING					
AC-1	ARMSTRONG CEILINGS	ACOUSTIC CLOUD	3'10" x 7'10" LARGE RECTANGLE	SOUNDSCAPES SHAPES BROWN SUGAR WALNUT	
AC-2	ARMSTRONG CEILINGS	ACOUSTIC CLOUD	3'10" x 7'10" LARGE RECTANGLE	SOUNDSCAPES SHAPES RAINSTORM	
ACT-1	ARMSTRONG CEILINGS	ACOUSTIC CEILING TILE	24" x 24"	SCHOOL ZONE FINE FISSURED WHITE	
ACT-2	ARMSTRONG CEILINGS	ACOUSTIC CEILING TILE	24" x 24"	CLEAN ROOM VL WHITE	
ACT-3	ARMSTRONG CEILINGS	ACOUSTIC CEILING TILE	24" x 24"	SCHOOL ZONE FINE FISSURED TECH BLACK	
ACT-4	ARMSTRONG CEILINGS	ACOUSTIC CEILING TILE	24" x 24"	TECTUM LAY-IN RAINSTORM	
ACOUSTIC WALL PANEL					
AWP-1	ARMSTRONG CEILINGS	ACOUSTIC WALL PANEL	24 x 120 x 3/4"	WOODWORKS QUARTERED WALNUT (NQW)	
AWP-2	ARMSTRONG CEILINGS	ACOUSTIC WALL PANEL	24 x 96 x 3/4"	WOODWORKS QUARTERED WALNUT (NQW)	
AWP-3	ARMSTRONG CEILINGS	ACOUSTIC WALL PANEL	24 x 48 x 3/4"	WOODWORKS QUARTERED WALNUT (NQW)	
AWP-4	ARMSTRONG CEILINGS	ACOUSTIC WALL PANEL	23-3/4 x 96 x 1"	TECTUM DIRECT ATTACH RAINSTORM	
BASE					
RB-1	TARKETT	RUBBER BASE	4" H	JOHNSONITE TRADITIONAL VINYL, COVE, 32 PEBBLE	
RB-2	TARKETT	RUBBER BASE	4" H	JOHNSONITE TRADITIONAL VINYL, COVE, 70 BLUEST	
RB-3	TARKETT	RUBBER BASE	4" H	JOHNSONITE TRADITIONAL VINYL, COVE, 40 BLACK	
TB-1	DALTILE	TILE BASE	4" X 4"	COLORWHEEL COVE BASE MATTE DESERT GRAY	
TB-2	DALTILE	FLOOR TILE	5" x 6"	COVE BASE QUARRY TILE- ARID GRAY	
TB-3	DALTILE	TILE BASE	4" X 4"	COLORWHEEL COVE BASE SEA BREEZE	
WB-1		WOOD BASE	1" x 4"	POPLAR, PAINTED ADJACENT WALL COLOR	
BRICK					
BR-1	ACME BRICK	BRICK	11.625 × 3.625 × 3.625 in	031 RIDGEMAR - MODULAR- VELOUR	
BR-2	ACME BRICK	BRICK	11.625 × 3.625 × 3.625 in	116 MARBLE GRAY- MODULAR- VELOUR	
BR-3	ACME BRICK	BRICK	11.625 × 3.625 × 3.625 in	051 CONFEDERATE- MODULAR- VELOUR	
CARPET					
CPT-1	J+J FLOORING	CARPET TILE	24" x 24"	URBAN AVENUE- ZONE 1560	
CONCRETE					
SC-1					
EPOXY					
EF-1	KEY RESIN	EPOXY		WEATHERVANE KR2303	
FIBERGLASS REINFORCED PANEL					
FRP-1	PAC-CLAD	FIBERGLASS REINFORCED PANEL		750 SOFFIT- TAN TIMBER	
MP-4	PAC-CLAD	FIBERGLASS REINFORCED PANEL		750 SOFFIT- TAN TIMBER	
METAL PANEL					
MP-1	PAC-CLAD	METAL PANEL		MODULAR AL- MULTI COLOR- PACIFIC BLUE, INTERSTATE BLUE, BERKSHIRE BLUE, AWARD BLUE	
MP-2	PAC-CLAD	METAL PANEL		MODULAR AL- SOLID COLOR- AWARD BLUE	
MP-3	PAC-CLAD	METAL PANEL		MODULAR AL- SOLID COLOR- BERKSHIRE BLUE	
MP-5	PAC-CLAD	METAL PANEL		PAC-3000 - BERKSHIRE BLUE	
PAINT					
PT-1	SHERWIN WILLIAMS	PAINT		7103 WHITETAIL	
PT-2	SHERWIN WILLIAMS	PAINT		7016 MINDFUL GRAY	
PT-3	SHERWIN WILLIAMS	PAINT		7019 GAUNTLET GRAY	
PT-4	SHERWIN WILLIAMS	PAINT		6966 BLUEBLOOD	
PT-5	SHERWIN WILLIAMS	PAINT		6959 BLUE CHIP	
PT-6	SHERWIN WILLIAMS	PAINT		6991 BLACK MAGIC	
PLASTIC LAMINATE					
PL-1	WILSONART	PLASTIC LAMINATE	3MM WRAPPED EDGE BANDING	SAP WALNUT	
PL-2	WILSONART	PLASTIC LAMINATE	3MM WRAPPED EDGE BANDING	CATALINA	
SOLID SURFACE					
SS-1	WILSONART	SOLID SURFACE		CLOUD MIST	
TILES					
TL-1	DALTILE	FLOOR TILE	4" x 4"	COLORWHEEL MOSAIC MATTE DESERT GRAY	
TL-2	DALTILE	WALL TILE	3" x 6"	COLORWHEEL CLASSIC DESERT GRAY	
TL-3	DALTILE	WALL TILE	3" x 6"	COLORWHEEL CLASSIC SEA BREEZE	
TL-4	DALTILE	FLOOR TILE	6" x 6"	QUARRY TILE- ARID GRAY	
TOILET PARTITION					
TP-1	BRADLEY	TOILET PARTITION		PHENOLIC PRIVACY PARTITION GRAPHITE NEBULA 4623	OVERHEAD BRACE, FLOOR ANCHOR CONFIGURATION, ANTI GRIP HANDRAIL, CONTINUOUS HINGES, TEMPER RESISTANT FASTNERS AND HEAVY DUTY COAT HANGERS IN STAINLESS STEEL.
TRIM					
TR-1	MARLITE	TRIM		ANODIZED ALUMINUM TRIM DIVISION A565	
TR-2	MARLITE	TRIM		ANODIZED ALUMINUM TRIM EDGE A570	
TR-3	MARLITE	TRIM		ANODIZED ALUMINUM TRIM INSIDE CORNER A551	
TR-4	MARLITE	TRIM		ANODIZED ALUMINUM TRIM OUTSIDE CORNER A560	
VINYL COMPOSITION TILE					
VCT-1	ARMSTRONG FLOORING	VINYL COMPOSITION TILE	12" x 12"	PEWTER 51908	
VCT-2	ARMSTRONG FLOORING	VINYL COMPOSITION TILE	12" x 12"	FIELD GRAY 51927	
VCT-3	ARMSTRONG FLOORING	VINYL COMPOSITION TILE	12" x 12"	MARINA BLUE 51820	
VCT-4	ARMSTRONG FLOORING	VINYL COMPOSITION TILE	12" x 12"	BODACIOUS BLUE 57517	
VCT-5	ARMSTRONG FLOORING	VINYL COMPOSITION TILE	12" x 12"	CLASSIC BLACK 51910	
VINYL FILM					
VF-1	ARLON	VINYL FILM	RE: INTERIOR ELEVATIONS FOR SIZE	COLOR MATCH SW6959 BLUE CHIP, PRINT ON ARLON 4200 MATTE SERIES, CONTOUR CUT TO SHAPE	
VF-2	ARLON	VINYL FILM	RE: INTERIOR ELEVATIONS FOR SIZE	COLOR MATCH SW7016 MINDFUL GRAY, PRINT ON ARLON 4200 MATTE SERIES, CONTOUR CUT TO SHAPE	
VF-3	ARLON	VINYL FILM	RE: INTERIOR ELEVATIONS FOR SIZE	COLOR MATCH SW7016 MINDFUL GRAY, PRINT ON ARLON 4200 MATTE SERIES, CONTOUR CUT TO SHAPE	
VF-4	NATIONAL	VINYL WINDOW FILM		MCKINLEY HIGHSCHOOL LOGO IN CONNECTOR CORRIDOR	
WALLCOVERING					
WC-1	MOMENTUM	WALLCOVERING	52/54"	UPPERCASE- PRIMARY	
WC-2	MOMENTUM	WALLCOVERING	52/54"	UPPERCASE- STAMP	
WINDOW TREATMENT					
WT-1	MECHOSHADE	MANUAL ROLLAR SHADE		MECHO/5X	

ARCHITECT

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baton rouge, la 70810
t. 225.927.1008 f. 404.305.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
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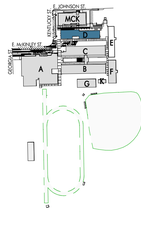

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

FINISH SCHEDULE-
BLDG. D

A9.401

FINISH PLAN LEGEND

ROOM NAME
812

ROOM DESIGNATION TAG

FINISH / MATERIAL DESIGNATION TAG

FINISH TYPES

NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION

CPT-1	CARPET
N/A	EXISTING VCT
VCT-1	VINYL COMPOSITION TILE
VCT-2	VINYL COMPOSITION TILE
VCT-3	VINYL COMPOSITION TILE
VCT-4	VINYL COMPOSITION TILE
TL-1	PORECLAIN TILE
TL-4	QUARRY TILE
EF-1	EPOXY FLOORING
TZ-1	EXISTING TERRAZZO
SC-1	EXISTING SEALED CONCRETE

1 1ST FLOOR - NEW CONSTRUCTION - FINISH PLAN- BLDG D

1/8" = 1'-0" DRAWN BY:

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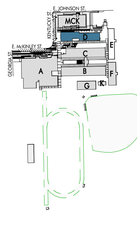


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

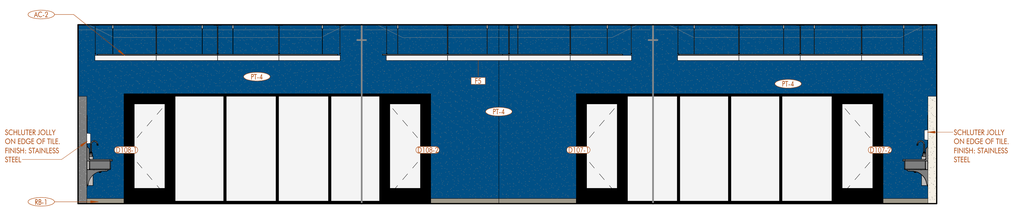
date NOVEMBER 6, 2025

FINISH PLAN- BLDG. D

A9.402

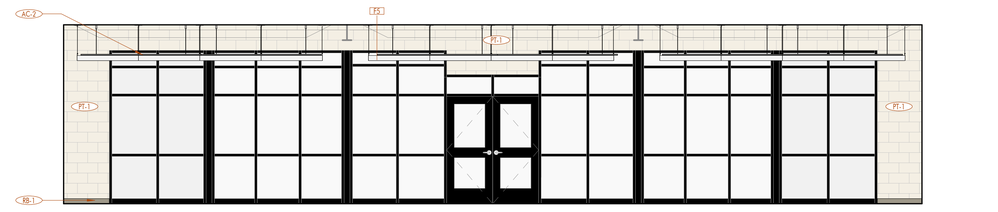
NOVEMBER 6, 2025

1 | CAFETERIA- NORTH- BLDG D
1/4" = 1'-0" DRAWN BY:



2 | CAFETERIA- EAST- BLDG D
1/4" = 1'-0" DRAWN BY:

3 | CAFETERIA- SOUTH- BLDG D
1/4" = 1'-0" DRAWN BY:



4 | CAFETERIA- WEST- BLDG D
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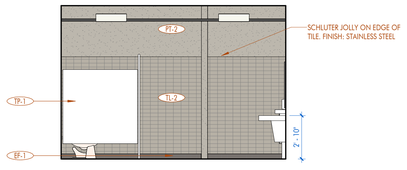

5 | WOMEN RR- NORTH
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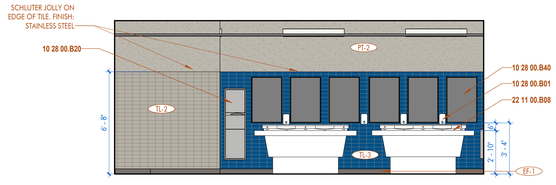

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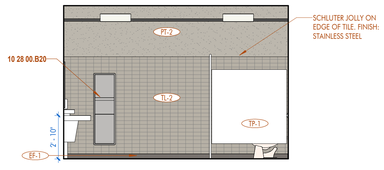
1/4" = 1'-0" DRAWN BY:



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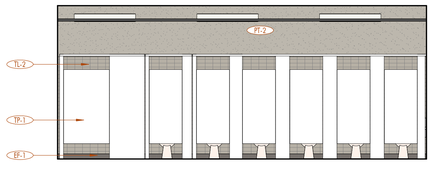
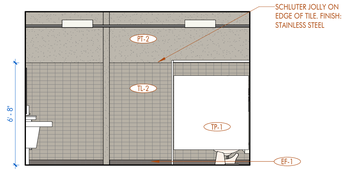
1/4" = 1'-0" DRAWN BY:



8 | WOMENS RR- WEST
1/4" = 1'-0" DRAWN BY:



9 | MENS RR- NORTH
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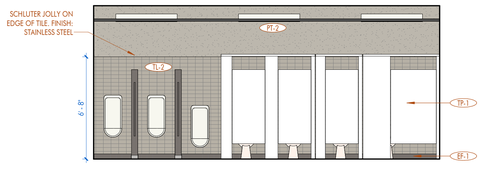

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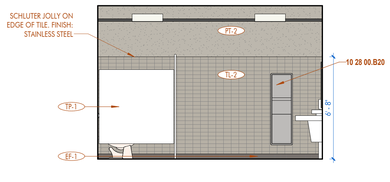
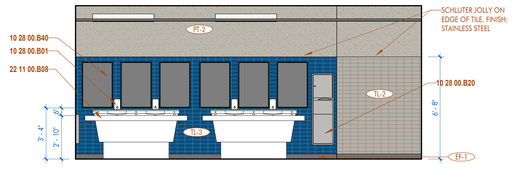
1/4" = 1'-0" DRAWN BY:



11 | MENS RR- SOUTH
1/4" = 1'-0" DRAWN BY:



12 | MENS RR- WEST
1/4" = 1'-0" DRAWN BY:

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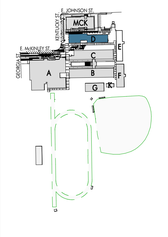


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

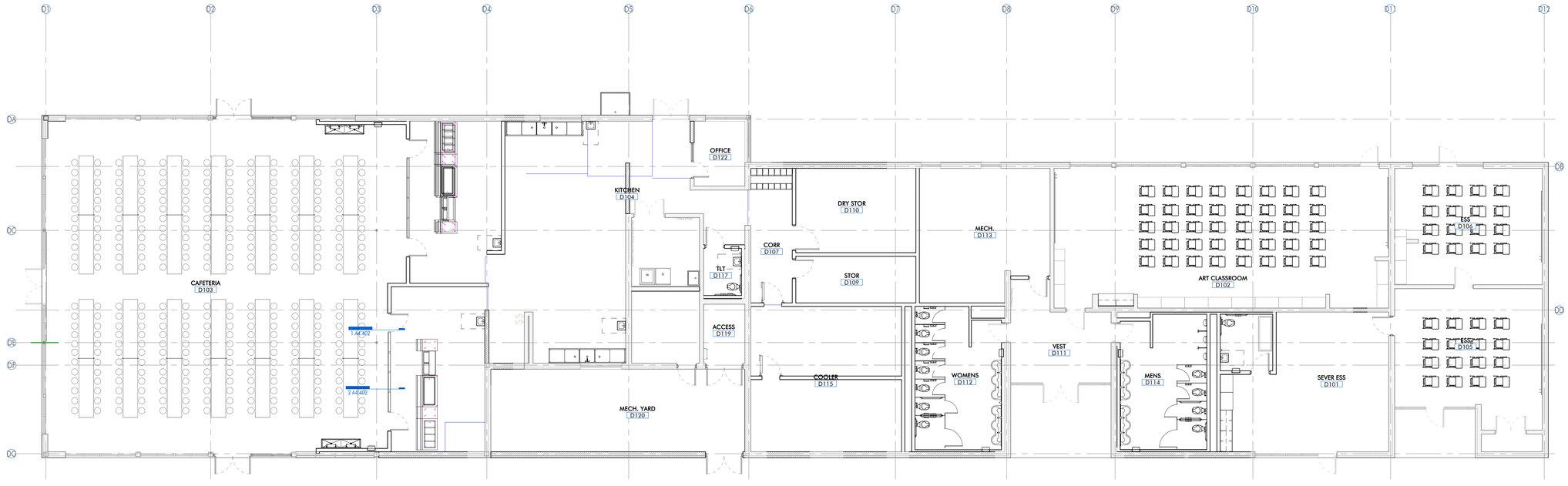
revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

INTERIOR ELEVATIONS- BLDG. D

A10.401

NOVEMBER 6, 2025



1 1ST FLOOR - NEW CONSTRUCTION - FURNITURE PLAN- BLDG D

1/8" = 1'-0" DRAWN BY:

NOVEMBER 6, 2025

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100% NOT FOR CONSTRUCTION
STATE OF LOUISIANA REGISTERED ARCHITECT

CD SET
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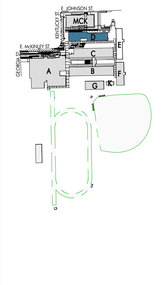


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

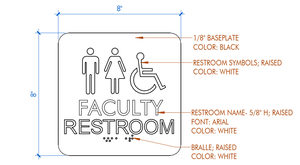
DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

FURNITURE PLAN-
BLDG. D

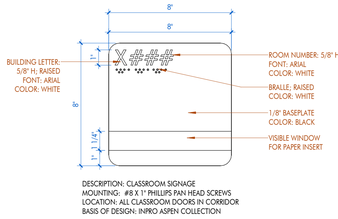
A12.401



DESCRIPTION: ADA COMPLIANT TOILET SIGNAGE (UNISEX)
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: ALL UNISEX RESTROOMS
BASIS OF DESIGN: INPRO ASPEN COLLECTION

3 | RS-01 UNISEX RESTROOM SIGNAGE

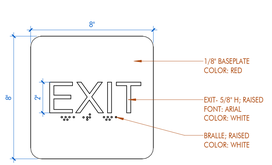
3" = 1'-0" DRAWN BY:



DESCRIPTION: CLASSROOM SIGNAGE
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: ALL CLASSROOM DOORS IN CORRIDOR
BASIS OF DESIGN: INPRO ASPEN COLLECTION

2 | RS-17 CLASSROOM SIGNAGE

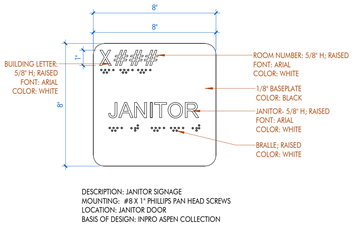
3" = 1'-0" DRAWN BY:



DESCRIPTION: EXIT SIGNAGE
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS / TAPE AND SILICONE MOUNT
LOCATION: ALL EGRESS DOOR LOCATIONS
BASIS OF DESIGN: INPRO ASPEN COLLECTION

6 | RS-02 EXIT SIGNAGE

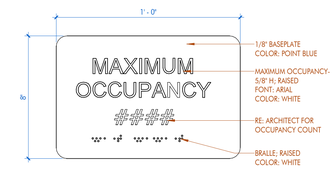
3" = 1'-0" DRAWN BY:



DESCRIPTION: JANITOR SIGNAGE
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: JANITOR DOOR
BASIS OF DESIGN: INPRO ASPEN COLLECTION

7 | RS-18 JANITOR SIGNAGE

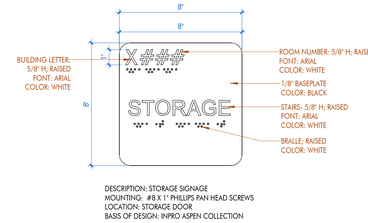
3" = 1'-0" DRAWN BY:



DESCRIPTION: OCCUPANCY SIGNAGE
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS / TAPE AND SILICONE MOUNT
LOCATION: AUDITORIUM DOOR
BASIS OF DESIGN: INPRO ASPEN COLLECTION

9 | RS-09 OCCUPANCY SIGNAGE

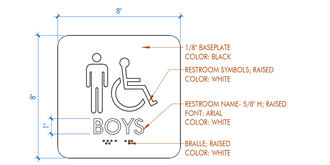
3" = 1'-0" DRAWN BY:



DESCRIPTION: STORAGE SIGNAGE
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: STORAGE DOOR
BASIS OF DESIGN: INPRO ASPEN COLLECTION

8 | RS-19 STORAGE SIGNAGE

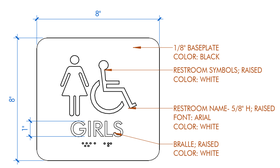
3" = 1'-0" DRAWN BY:



DESCRIPTION: ADA COMPLIANT TOILET SIGNAGE (MENS)
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: MENS RESTROOM
BASIS OF DESIGN: INPRO ASPEN COLLECTION

4 | RS-15 BOYS RESTROOM SIGNAGE

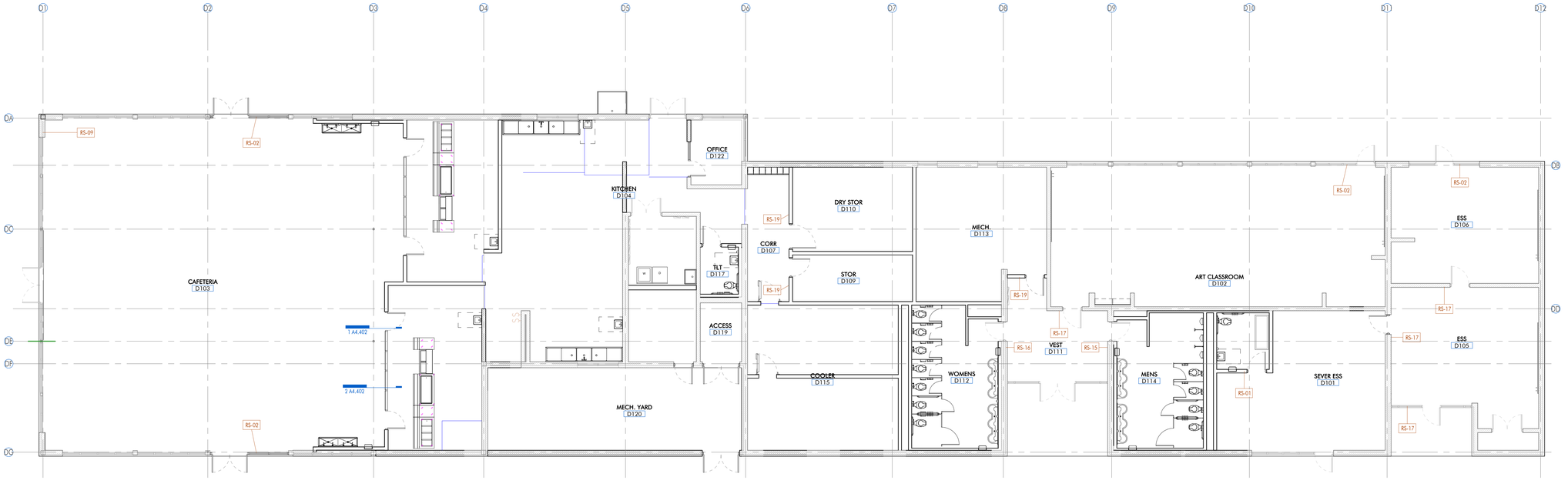
3" = 1'-0" DRAWN BY:



DESCRIPTION: ADA COMPLIANT TOILET SIGNAGE (WOMENS)
MOUNTING: #8 X 1" PHILLIPS PAN HEAD SCREWS
LOCATION: WOMENS RESTROOM
BASIS OF DESIGN: INPRO ASPEN COLLECTION

5 | RS-16 GIRLS RESTROOM SIGNAGE

3" = 1'-0" DRAWN BY:



1 | 1ST FLOOR - NEW CONSTRUCTION - SIGNAGE PLAN- BLDG D

1/8" = 1'-0" DRAWN BY:

NOVEMBER 6, 2025

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REGISTRATION

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STATE OF LOUISIANA
REGISTERED ARCHITECT

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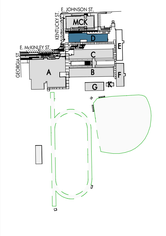


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

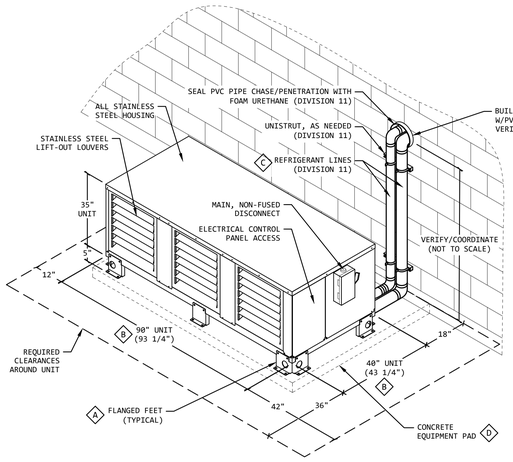
PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

SIGNAGE PLAN- BLDG. D

A12.402



◇ DETAIL KEYNOTES

A. FLANGED FEET OF REFRIGERATION RACK SHALL BE ANCHORED TO CONCRETE PAD BY DIVISION 11.

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.

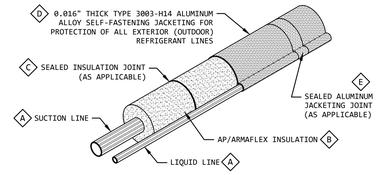
RE: DETAILS D2 & D3, THIS SHEET FOR ADDITIONAL REQUIREMENTS.

D. CONCRETE EQUIPMENT PAD (PROVIDED BY GENERAL CONTRACTOR) SHALL ACCOMMODATE REMOTE REFRIGERATION UNIT WEIGHT OF 775 LBS.

RE: FS301 FOR ADDITIONAL REQUIREMENTS.

D1 REMOTE REFRIGERATION SYSTEM INSTALLATION DETAIL

REF: FS1.01 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.

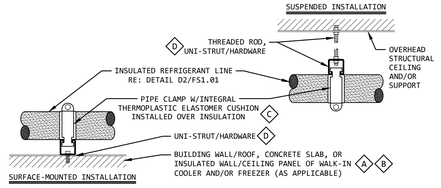
C. ALL JOINTS SHALL BE SEALED WITH GLUE IN ACCORDANCE WITH INSULATION MANUFACTURER'S RECOMMENDATIONS. DUCT TAPE AT JOINTS IS NOT ACCEPTABLE.

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.

D2 REFRIGERANT LINE INSULATION & JACKETING

REF: FS1.01 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 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.

D3 REFRIGERANT LINE SUPPORT

REF: FS1.01 SCALE: NONE

◇ SHEET KEYNOTES

NOTE: ITEMS LISTED BELOW ARE THE RESPONSIBILITY OF DIVISION 11 UNLESS NOTED OTHERWISE.

A. STAINLESS STEEL MOP RACK/HANGER (PART OF ITEM NO. 3) MOUNTED ON WALL AT 54" AFF.

B. STAINLESS STEEL TRIM (PART OF ITEM NO. 9) TO CONCEAL AIR GAPS BETWEEN BUILDING WALLS AND WALK-IN COOLER AND/OR FREEZER WALL PANELS.

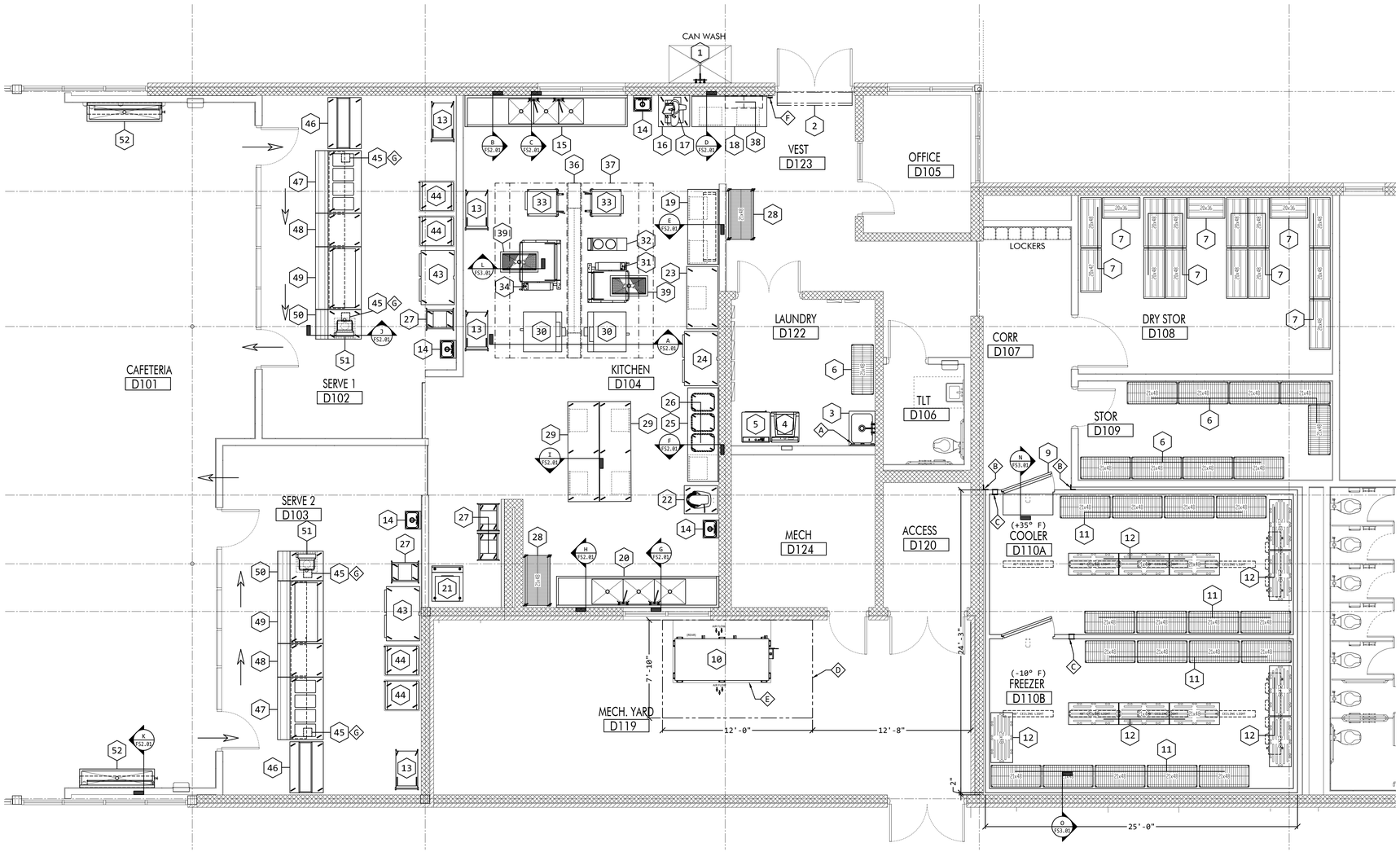
C. HEATED PRESSURE RELIEF PORT (PART OF ITEM NO. 9) WITHIN INSULATED WALL PANELS. EXACT QUANTITY AND LOCATIONS SHALL BE DETERMINED BY WALK-IN UNIT MANUFACTURER. NOTE: FREEZER PORT(S) SHALL BE LOCATED WITHIN COOLER/FREEZER PARTITION WALL.

D. MINIMUM CLEARANCE REQUIREMENTS FOR COOLER/FREEZER REMOTE REFRIGERATION UNIT - RE: DETAIL D1/THIS SHEET FOR ADDITIONAL REQUIREMENTS.

E. CONCRETE EQUIPMENT PAD (BY GC) FOR COOLER/FREEZER REMOTE REFRIGERATION UNIT - RE: FS3.01 FOR ADDITIONAL REQUIREMENTS.

F. HOOD FIRE SUPPRESSION SYSTEM REMOTE MANUAL PULL STATION (PART OF ITEM NO. 38) MOUNTED AT 42" TO 48" AFF. EXACT LOCATION TO BE DETERMINED BY INSTALLER AND IN FULL COMPLIANCE WITH CODES.

G. REFER TO DETAIL D5/FS2.01 FOR ADDITIONAL INFORMATION AND REQUIREMENTS OF STAINLESS STEEL FLOOR OUTLET BOX.



1 1ST FLOOR - FOOD SERVICE EQUIPMENT FLOOR PLAN- BLDG D

1/4" = 1'-0" DRAWN BY: GF/CT

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	EQUIP. CLASS.
1.	1	EXTERIOR GRADE MIXING FAUCET (DIVISION 22)	C
2.	1	AIR DOOR	A
3.	1	STAINLESS STEEL FLOOR MOP SINK	A
4.	1	CLOTHES WASHER (LAUNDRY EQUIPMENT)	C
5.	1	CLOTHES DRYER (LAUNDRY EQUIPMENT)	C
6.	10	SHELVING UNITS	A
7.	16	DUNNAGE SHELVING UNITS	A
8.	--	SPARE NUMBER	-
9.	1	WALK-IN COOLER/FREEZER	A
9A.	1	REMOTE TEMPERATURE MONITORING SYSTEM (FUTURE/BY OWNER)	D
10.	1	REMOTE REFRIGERATION SYSTEM	A
11.	17	SHELVING UNITS	A
12.	11	DUNNAGE RACKS	A
13.	4	MOBILE UTILITY CARTS	A
14.	4	STAINLESS STEEL HAND SINKS	A
15.	1	PREPARATION COUNTER W/SINKS	A
16.	1	MOBILE EQUIPMENT STAND	A
17.	1	SLICER	A
18.	1	WORK TABLE	A
19.	1	WORK TABLE W/OVERHEAD POT RACK	A
20.	1	3-COMPARTMENT POT/PAN SINK	A
21.	1	ICE MACHINE (CUBER) W/STORAGE BIN	A
22.	1	20-QUART MIXER W/MOBILE STAND	A
23.	1	MOBILE WORK TABLE	A
24.	1	MOBILE REACH-IN FREEZER	A
25.	1	BAKER'S TABLE	A
26.	3	MOBILE INGREDIENT BINS	A
27.	4	MOBILE PAN RACKS	A
28.	2	MOBILE UTENSIL SHELVING UNITS	A
29.	2	MOBILE WORK TABLES	A
30.	2	DOUBLE-STACKED CONVECTION OVENS	A
31.	1	30-GALLON TILTING BRAISING PAN	A
32.	1	2-BURNER RANGE	A
33.	2	DOUBLE CONVECTION STEAMERS	A
34.	1	40-GALLON TILTING BRAISING PAN	A
35.	-	SPARE NUMBER	-
36.	1	UTILITY DISTRIBUTION SYSTEM	A
37.	1	EXHAUST HOOD	A
38.	1	FIRE SUPPRESSION SYSTEM	A
39.	2	STAINLESS STEEL FLOOR TROUGHS	A
40.	1	SPARE NUMBER	--
41.	1	SPARE NUMBER	--
42.	1	SPARE NUMBER	--
43.	2	MOBILE REACH-IN REFRIGERATORS	A
44.	4	MOBILE HOT FOOD HOLDING CABINETS	A
45.	4	STAINLESS STEEL FLOOR MOUNTED OUTLET BOXES	A
46.	2	MOBILE MILK COOLERS	A
47.	2	MOBILE HOT FOOD COUNTERS	B
48.	2	MOBILE FLAT TOP FOOD COUNTERS	B
49.	2	MOBILE ICE-COOLED COLD FOOD COUNTERS	B
50.	2	MOBILE CASHIER COUNTERS	A
51.	2	P.O.S. CPU UNITS (BY OTHERS)	D
52.	2	STUDENT HAND WASH SINKS	A

LEGEND:

A. DIVISION 11 (FOOD SERVICE EQUIPMENT)
B. EXISTING EQUIPMENT - CONTRACTOR RELOCATED AND INSTALLED
C. BY OTHER DIVISIONS (AS INDICATED)
D. BY OTHERS (AS INDICATED)

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1547

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
c: 225.927.1008 f: 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
c: 225.216.5770 f: 225.216.5771

REGISTRATION

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CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

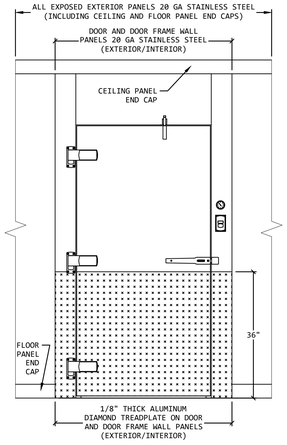
PROJECT INFORMATION

revisions No.	Description	Date

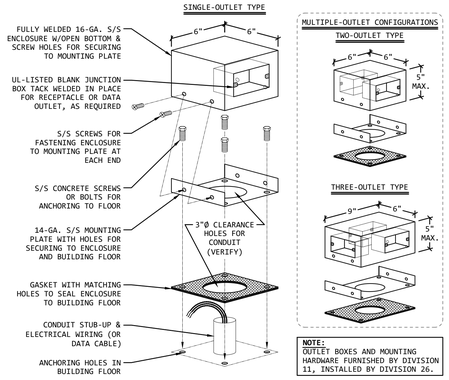
DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

FOOD SERVICE EQUIPMENT FLOOR PLAN

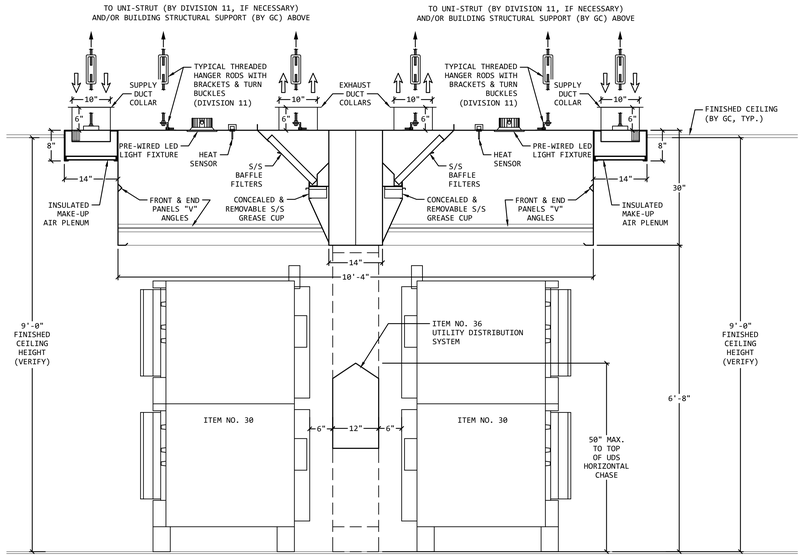
FS1.01



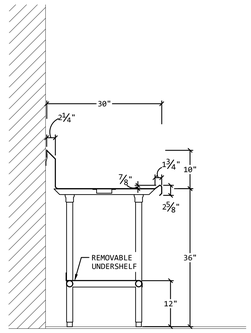
D4 COOLER/FREEZER DOOR SECTION FINISHES DETAIL
REF: FS3.01 SCALE: NONE



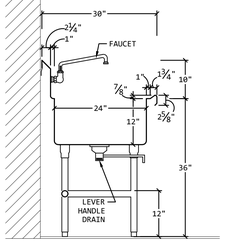
D5 S/S FLOOR MOUNTED OUTLET BOX DETAIL
REF: FS1.01 & FS5.01 SCALE: NONE



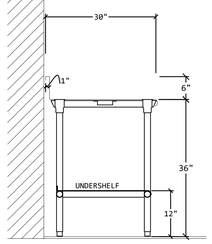
A UTILITY DISTRIBUTION SYSTEM / EXHAUST HOOD
REF: FS1.01 SCALE: 3/4"=1'-0"



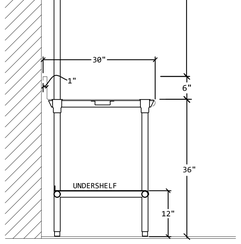
B PREPARATION COUNTER AT FLAT TOP
REF: FS1.01 SCALE: 3/4"=1'-0"



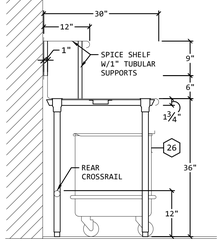
C PREPARATION COUNTER AT SINK
REF: FS1.01 SCALE: 3/4"=1'-0"



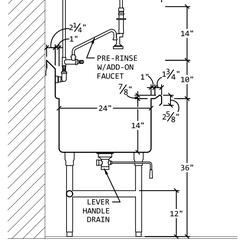
D WORK TABLE
REF: FS1.01 SCALE: 3/4"=1'-0"



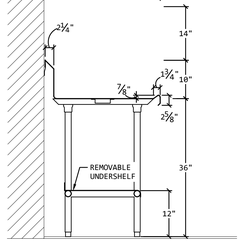
E WORK TABLE W/OVERHEAD POT RACK
REF: FS1.01 SCALE: 3/4"=1'-0"



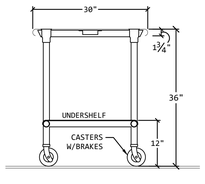
F BAKER'S TABLE W/SPICE SHELF
REF: FS1.01 SCALE: 3/4"=1'-0"



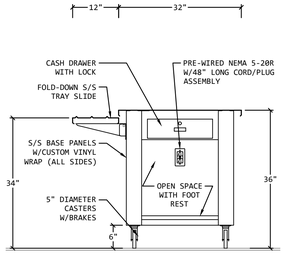
G 3-COMPARTMENT SINK W/OVERSHELF
REF: FS1.01 SCALE: 3/4"=1'-0"



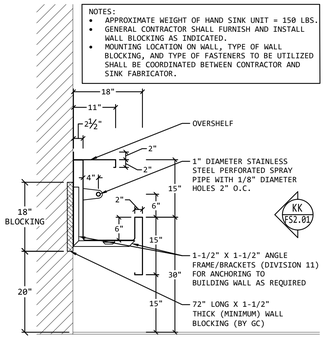
H 3-COMPARTMENT SINK W/OVERSHELF
REF: FS1.01 SCALE: 3/4"=1'-0"



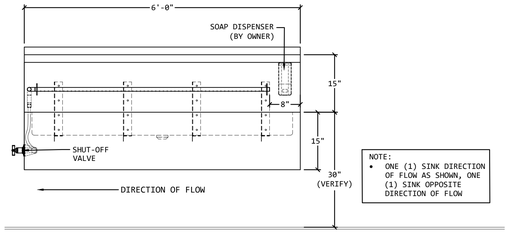
I MOBILE WORK TABLE
REF: FS1.01 SCALE: 3/4"=1'-0"



J MOBILE CASHIER COUNTER
REF: FS1.01 SCALE: 3/4"=1'-0"



K S/S STUDENT HAND WASH SINK
REF: FS1.01 SCALE: 3/4"=1'-0"



KK FRONT ELEVATION - S/S STUDENT HAND WASH SINK
REF: FS2.01 SCALE: 3/4"=1'-0"

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.5770 f: 225.216.5771

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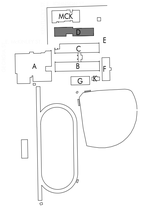


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

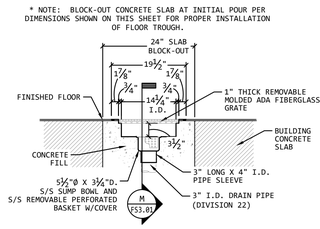
revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

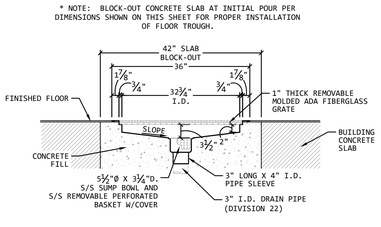
FOOD SERVICE EQUIPMENT DETAILS

FS2.01

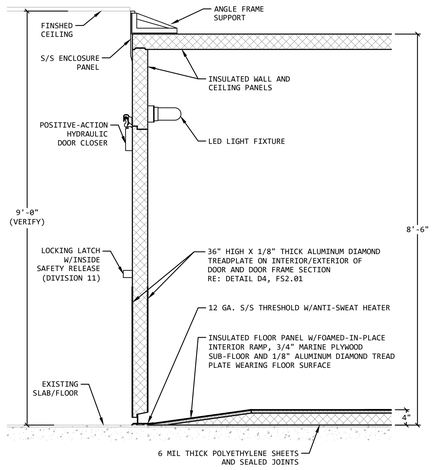
FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1547



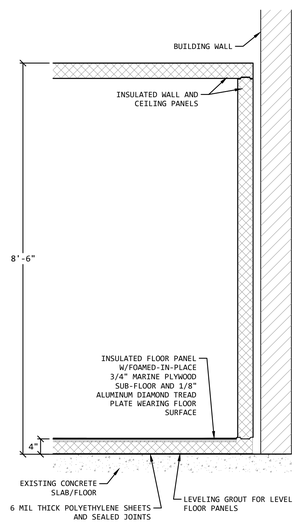
L STAINLESS STEEL FLOOR DRAIN TROUGH
REF: FS1.01 SCALE: NONE



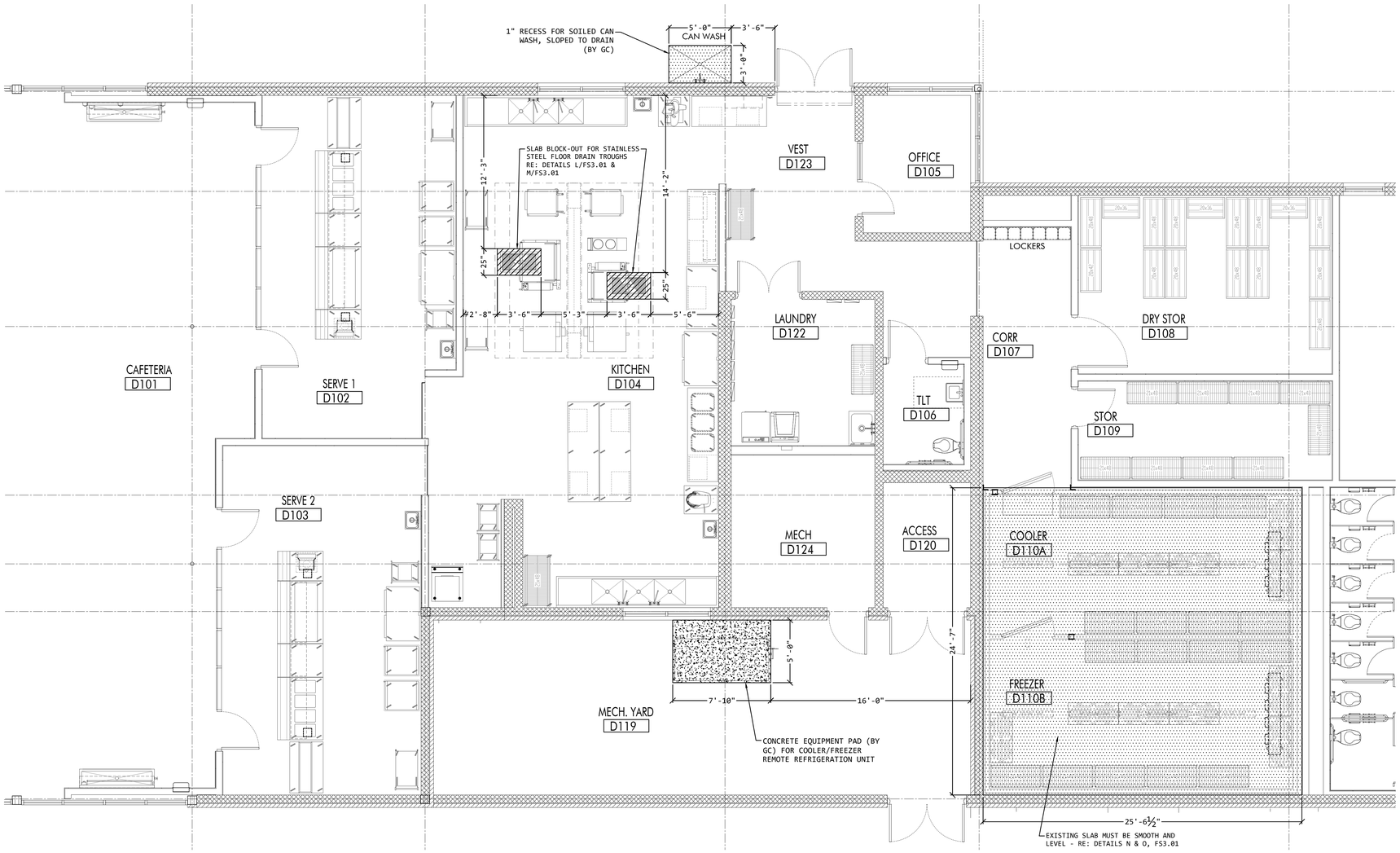
M STAINLESS STEEL FLOOR DRAIN TROUGH
REF: FS3.01 SCALE: NONE



N WALK-IN COOLER & FREEZER - DOOR SECTION
REF: FS1.01 SCALE: 3/4"=1'-0"



O WALK-IN COOLER & FREEZER - WALL SECTION
REF: FS1.01 SCALE: 3/4"=1'-0"



1 1ST FLOOR - FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN- BLDG D
1/4" = 1'-0" DRAWN BY: GF/CT

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.5770 f: 225.216.5771

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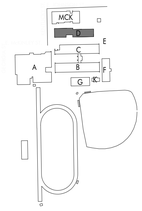

RENOVATION AND ADDITION TO
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PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

FOOD SERVICE EQUIPMENT SLAB REQUIREMENT PLAN

FS3.01

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
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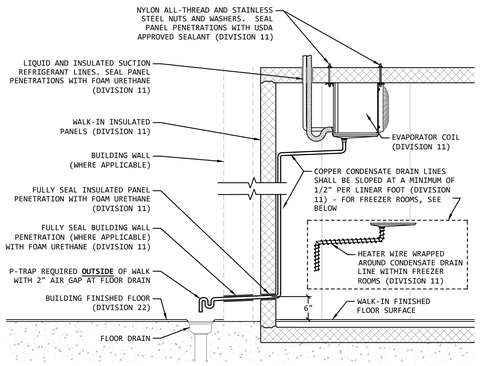


D6 WALK-IN COOLER/FREEZER CONDENSATE DRAIN & COIL INSTALLATION DETAIL
REF: FS4.01 NOT TO SCALE

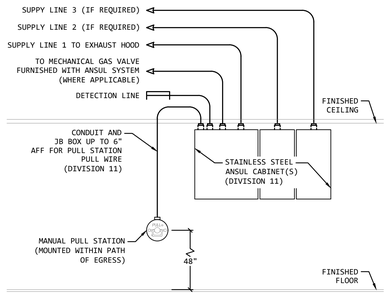


DIAGRAM GENERAL NOTES

- REFER TO FLOOR PLAN FOR LOCATION OF ANSUL CABINETS AND MANUAL PULL STATION.
- NUMBER OF ANSUL CABINETS REQUIRED SHALL BE DETERMINED BY SUPPLIER.
- CONTRACTOR SHALL FURNISH AND INSTALL CLASS K FIRE EXTINGUISHER WITH WALL BRACKET.

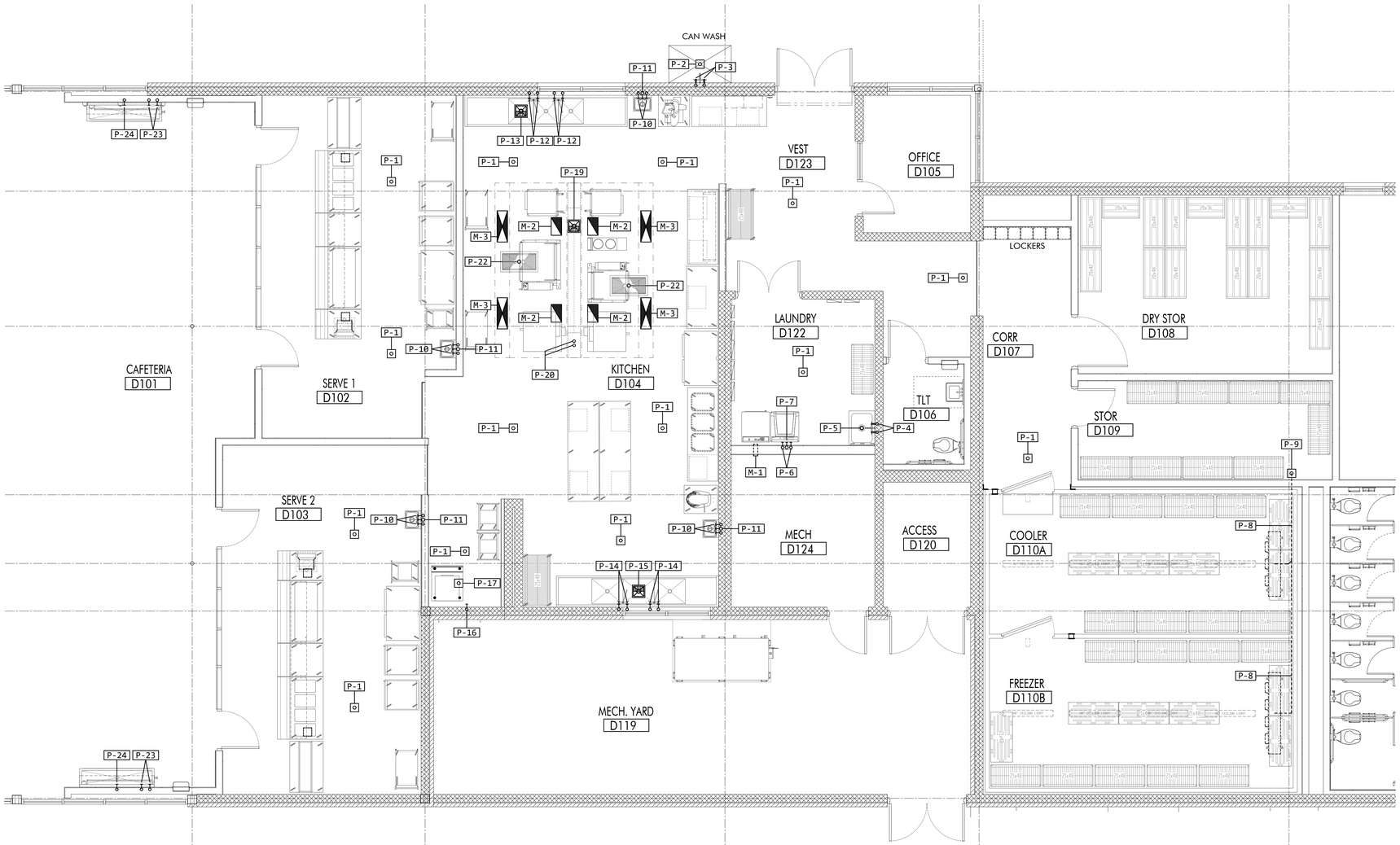
D7 EXHAUST HOOD FIRE SUPPRESSION SYSTEM DIAGRAM
REF: FS1.01 SCALE: NONE

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 (VERIFY LOCATION)	
P-3	1	1/2" HW & CW 36" AFF FOR EXTERIOR GRADE MIXING FAUCET W/HOSE THREADS (FURNISHED BY DIVISION	
		22) - (VERIFY LOCATION)	7,30
P-4	3	1/2" HW & CW 36" AFF FOR WALL-MOUNTED FAUCET OF STAINLESS STEEL FLOOR MOP SINK	8
P-5	3	2" IPS DRAIN 2-3/4" AFF FOR DRAIN ASSEMBLY OF STAINLESS STEEL FLOOR MOP SINK	
P-6	4	1/2" HW & CW 39" AFF FOR CLOTHES WASHER (BY OTHERS)	30
P-7	4	2" STAND PIPE DRAIN 39" AFF FOR CLOTHES WASHER (BY OTHERS)	30
P-8	9	3/4" TYPE "L" COPPER CONDENSATE DRAIN LINE FROM WALK-IN COOLER/FREEZER EVAPORATOR COILS TO	
		FLOOR DRAIN	10-12
P-9	9	FD-B FOR CONDENSATE DRAIN LINE OF WALK-IN COOLER/FREEZER	
P-10	14	1/2" HW & CW 18" AFF FOR FAUCET OF EACH STAINLES STEEL HAND SINK	8
P-11	14	1-1/2" DR 24-1/2" AFF FOR EACH STAINLESS STEEL HAND SINK	8
P-12	15	1/2" HW & CW 18" AFF FOR FAUCET OF PREPARATION COUNTER SINKS	8
P-13	15	FS (2-CONNECTIONS) FOR DRAIN LINE OF PREPARATION COUNTER SINKS	8,9
P-14	20	1/2" HW & CW 18" AFF FOR EACH FAUCET OF 3-COMPARTMENT POT/PAN SINK	8
P-15	20	FS (3-CONNECTIONS) FOR DRAIN LINES OF 3-COMPARTMENT POT/PAN SINK	8,9
P-16	21	1/2" CW 60" AFF FOR ICE MACHINE	13
P-17	21	FD-B FOR DRAIN LINES OF ICE MACHINE AND STORAGE BIN	14
P-18	--	SPARE NUMBER	
P-19	33	FS (2-CONNECTIONS) FOR DRAIN LINES OF EACH DOUBLE CONVECTION STEAMER	15
P-20	36	3/4" HW & CW DFA FOR UTILITY DISTRIBUTION SYSTEM	16-18
P-21	--	SPARE NUMBER	
P-22	39	3" PIPE DRAIN (WITHIN SLAB BLOCK-OUT) FOR EACH STAINLESS STEEL FLOOR TROUGH	22
P-23	52	1/2" HW & CW (TEMPERED) 12" AFF FOR EACH STUDENT HAND WASH SINK	8,23
P-24	52	2" DR 9" AFF FOR EACH STUDENT HAND WASH SINK	8,23
M-1	5	4" GRAVITY VENT 12" AFF FOR CLOTHES DRYER (NOT IN CONTRACT)	30
M-2	37	10" X 17" EXHAUST DUCT CONNECTION 9'-6" AFF FOR EXHAUST HOOD - 1,925 CFM EACH AT 0.75" SP	
		(7,700 CFM HOOD TOTAL)	24-27
M-3	37	10" X 30" SUPPLY DUCT CONNECTION 9'-6" AFF FOR SUPPLY PLENUM OF EXHAUST HOOD - 1,540 CFM	
		EACH AT 0.25" SP (6,160 CFM HOOD TOTAL)	25,25,28,29

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. FURNISH WALL-MOUNTED MIXING FAUCETS, SINK FAUCETS, TAIL PIECES, LEVER HANDLE DRAINS AND VACUUM BREAKERS - DIVISION 11.
9. FURNISH AND INSTALL 2" DRAIN LINE EXTENSIONS FROM SINKS REQUIRING OPEN SITE DRAINS TO BUILDING FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED. **DO NOT MANIFOLD DRAIN LINES OF MULTI-COMPARTMENT SINKS.**
10. 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.
11. WALK-IN PANEL PENETRATIONS FOR REFRIGERANT PIPING AND DRAIN LINES SHALL BE SEALED WITH FOAM URETHANE.
12. RE: DETAIL D6, THIS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
13. WATER LINE SHALL BE PIPED THROUGH WATER FILTER (FURNISHED BY DIVISION 11) TO EQUIPMENT - DIVISION 22.
14. FURNISH AND INSTALL 1/2" AND 3/4" INSULATED DRAIN LINES FROM ICE MACHINE AND ICE STORAGE BIN TO FLOOR DRAIN - DIVISION 22. 2" AIR-GAP REQUIRED. **DO NOT MANIFOLD DRAIN LINES.**
15. FURNISH AND INSTALL 1.5" DRAIN LINE FROM EACH CONVECTION STEAMER TO FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED.
16. TEST INTERNAL WATER PIPING OF UDS (FURNISHED BY DIVISION 11) FOR LEAKS CAUSED BY SHIPPING AND TIGHTEN AS REQUIRED - DIVISION 22.
17. CONNECT WATER QUICK-DISCONNECT HOSE ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT - DIVISION 22.
18. WATER LINE FROM UDS SHALL BE PIPED THROUGH WATER FILTER (FURNISHED BY DIVISION 11) OF EACH DOUBLE CONVECTION STEAMER - DIVISION 22.
19. SPARE NUMBER.
20. SPARE NUMBER.
21. SPARE NUMBER.
22. INSTALL STAINLESS STEEL FLOOR DRAIN TROUGH (FURNISHED BY DIVISION 11) WITH TOP OF PERIMETER FLANGE FLUSH WITH SURROUNDING FINISHED FLOOR - DIVISION 22. RE: DETAILS L/FS3.01 AND M/FS3.01 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
23. FURNISH AND INSTALL WATER TEMPERING VALVE FOR EACH STUDENT HAND WASH SINK - DIVISION 22.
24. 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 OR VFD'S - DIVISION 23.
25. EXHAUST/SUPPLY FAN END-USER CONTROL PANELS AND SWITCHES FOR EXHAUST HOODS SHALL BE FURNISHED BY DIVISION 11, THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE.
26. EXHAUST DUCTS SHALL BE WELDED TO DUCT COLLARS OF EXHAUST HOODS ABOVE COOKING EQUIPMENT IN ACCORDANCE WITH LATEST EDITIONS OF NFPA 96 - DIVISION 23.
27. FURNISH AND INSTALL AUTOMATIC WET CHEMICAL FIRE SUPPRESSION 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.
28. TEMPERING OF SUPPLY AIR SHALL BE IN ACCORDANCE WITH HVAC DESIGN REQUIREMENTS - DIVISION 23.
29. 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.
30. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT PROVIDER FOR ALL EQUIPMENT INDICATED AS "BY OTHER DIVISIONS", "NOT IN CONTRACT", AND/OR "BY OTHERS" - DIVISIONS 22/23.



1 1ST FLOOR - FOOD SERVICE EQUIPMENT PLUMBING/MECHANICAL ROUGH-IN PLAN - BLDG D
1/4" = 1'-0" DRAWN BY: GF/CT

PLUMBING/MECHANICAL ROUGH-IN SYMBOLS & ABBREVIATIONS

CW	COLD WATER
HW	HOT WATER
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
PSI	POUNDS PER SQUARE INCH
DR	DIRECT CONNECTED DRAIN
FD-A	FLOOR DRAIN W/FLUSH MOUNTED GRATE
FD-B	FLOOR DRAIN W/RECESSED GRATE
FS	FLOOR SINK W/DOME STRAINER
BTU/HR	BRITISH THERMAL UNIT PER HOUR
WC	WATER COLUMN GAS PRESSURE
AFF	ABOVE FINISHED FLOOR
DFA	DOWN FROM ABOVE
CFM	CUBIC FEET PER MINUTE
SP	STATIC PRESSURE
UDS	UTILITY DISTRIBUTION SYSTEM
	EXHAUST DUCT OPENING
	SUPPLY DUCT OPENING

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1547

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.5770 f: 225.216.5771

REGISTRATION

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Scales stated hereon are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

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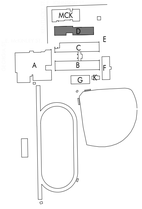


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D
800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

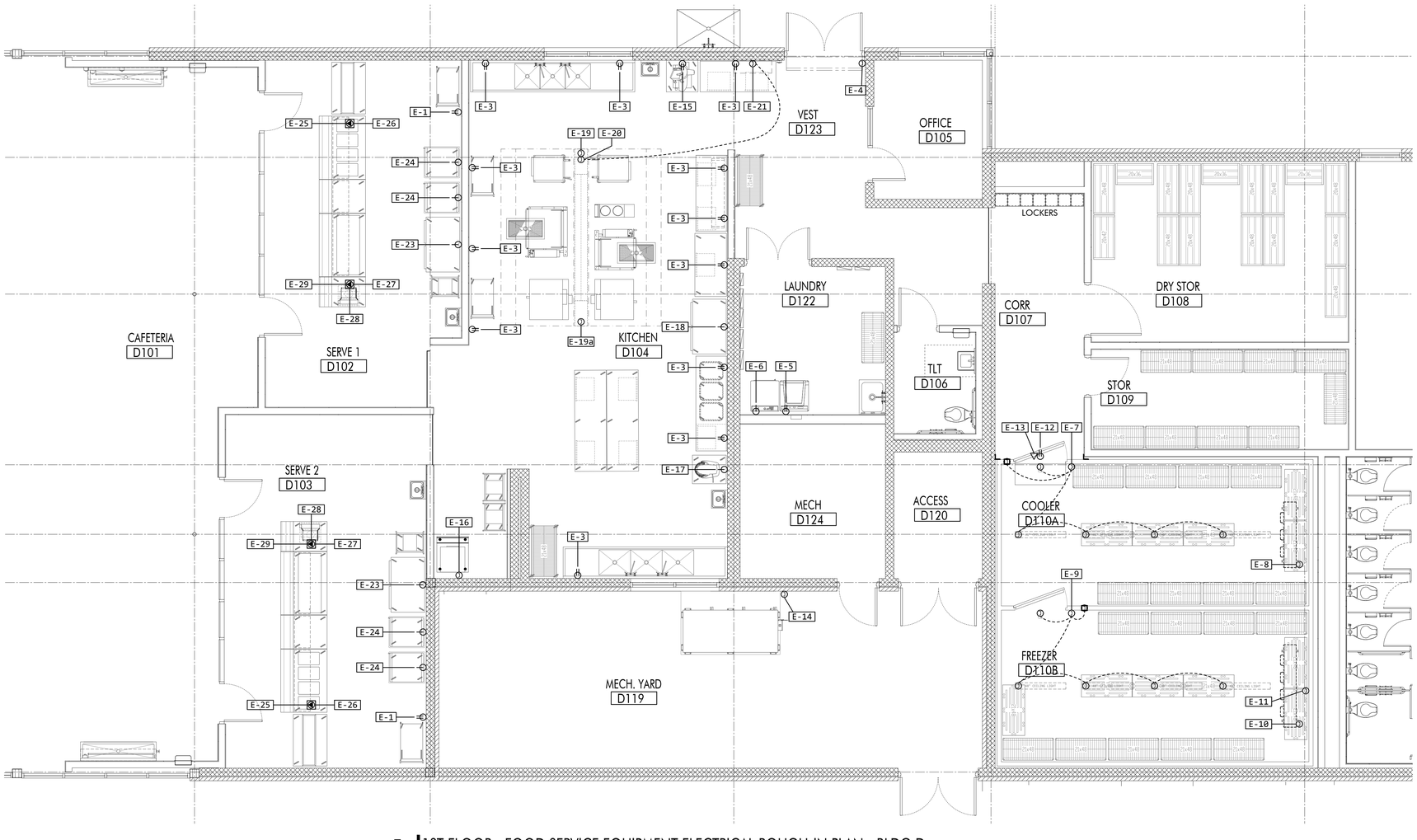
revisions No.	Description	Date

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

FOOD SERVICE EQUIPMENT PLUMBING/MECHANICAL ROUGH-IN PLAN

FS4.01

FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN DATA SCHEDULE			
CONN. NO.	ITEM NO.	DESCRIPTION OF UTILITY REQUIREMENTS	NOTES
E-1	--	20A 120V CIRCUIT 24" AFF FOR CO - NEMA 5-20R REQUIRED	
E-2	--	SPARE NUMBER	
E-3	--	20A 120V CIRCUIT 50" AFF FOR CO - NEMA 5-20R REQUIRED	
E-4	2	10.2A 120V 90" AFF FOR AIR DOOR	7
E-5	4	20A 120V CIRCUIT 24" AFF FOR CLOTHES WASHER (BY OTHERS) - NEMA 5-20R REQUIRED	32
E-6	5	30A 120/208V 1-PH CIRCUIT (3-WIRES+GROUND) 24" AFF FOR CLOTHES DRYER (BY OTHERS) - NEMA 14-30R	
		REQUIRED	32
E-7	9	5.9A 120V DFA FOR LIGHTS, DOOR FRAME HEATER, TEMPERATURE ALARM SYSTEM, AND HEATED PRESSURE	
		RELIEF PORT OF WALK-IN COOLER ROOM	8-13
E-8	9	1.8A 120V DFA FOR EVAPORATOR COIL AND REFRIGERANT LINE SHUT-OFF VALVE OF WALK-IN COOLER ROOM	8-10,14,15
E-9	9	5.9A 120V DFA FOR LIGHTS, DOOR FRAME HEATER, TEMPERATURE ALARM SYSTEM, AND HEATED PRESSURE	
		RELIEF PORT OF WALK-IN FREEZER ROOM	8-13
E-10	9	15.5A 208V 1-PH DFA FOR EVAPORATOR COIL AND REFRIGERANT LINE SHUT-OFF VALVE OF WALK-IN FREEZER ROOM	8-10,14,15
E-11	9	3A 120V DFA FOR CONDENSATE DRAIN LINE HEATER OF WALK-IN FREEZER ROOM	8-10
E-12	9A/9	20A 120V CIRCUIT DFA FOR REMOTE TEMPERATURE MONITORING SYSTEM (FUTURE/BY OWNER) FOR WALK-IN	
		COOLER/FREEZER	32
E-13	9A/9	DATA CIRCUIT DFA FOR REMOTE TEMPERATURE MONITORING SYSTEM (FUTURE/BY OWNER) FOR WALK-IN	
		COOLER/FREEZER	32
E-14	10	34A (50A MOPD/38.9 MCA) 208V 3-PH 36" ABOVE CONCRETE PAD FOR REMOTE REFRIGERATION SYSTEM	16
E-15	17	2.5A 120V 50" AFF FOR SLICER - NEMA 5-20R REQUIRED	
E-16	21	13.5 MCA (15A MOPD) 120V 72" AFF FOR ICE MACHINE	
E-17	22	8A 120V 50" AFF FOR 20-QUART MIXER - NEMA L5-15R REQUIRED	6
E-18	24	7.6A 120V 50" AFF FOR MOBILE REACH-IN FREEZER - NEMA 5-20R REQUIRED	
E-19	36	250A 120/208V 3-PH (4-WIRES + GROUND) CIRCUIT DFA FOR UTILITY DISTRIBUTION SYSTEM	17-22
E-19a	36	250A 120/208V 3-PH (4-WIRES + GROUND) CIRCUIT DFA FOR UTILITY DISTRIBUTION SYSTEM	17-22
E-20	37	20A 120V CIRCUIT (DEDICATED 24-HOUR SERVICE) DFA FOR EXHAUST/SUPPLY FAN CONTROL PANEL	23-29
E-21	38	TERMINAL BLOCK DFA FOR FIRE SUPPRESSION SYSTEM	28,29
E-22	--	SPARE NUMBER	
E-23	43	8.6A 120V 50" AFF FOR EACH MOBILE REACH-IN REFRIGERATOR - NEMA 5-20R REQUIRED	
E-24	44	19.1A 120V 50" AFF FOR EACH MOBILE HOT FOOD CABINET - NEMA 5-20R REQUIRED	
E-25	45/46	3.2A 120V 4" AFF FOR BUILT-IN RECEPTACLE (NEMA 5-20R) OF STAINLESS STEEL FLOOR OUTLET BOX FOR EACH	
		MOBILE MILK COOLER	31
E-26	45/47	9.7A 208V 3-PH 4" AFF FOR BUILT-IN RECEPTACLE (NEMA 15-20R - VERIFY WITH EXISTING EQUIPMENT) OF	
		STAINLESS STEEL FLOOR OUTLET BOX FOR EACH EXISTING/RELOCATED MOBILE HOT FOOD COUNTER	31,33
E-27	45/49	20A 120V COMPUTER GRADE CIRCUIT 4" AFF FOR BUILT-IN RECEPACLE (NEMA 5-20R) OF STAINLESS STEEL FLOOR	
		OUTLET BOX FOR EACH MOBILE CASHIER COUNTER	31
E-28	45/50	DATA SERVICE 4" AFF FOR BUILT-IN OUTLET (CAT-5E) OF STAINLESS STEEL FLOOR OUTLET BOX FOR EACH P.O.S.	
		CPU UNIT (BY OTHERS)	31,32
E-29	45/46	3.2A 120V 4" AFF FOR BUILT-IN RECEPTACLE (NEMA 5-20R) OF STAINLESS STEEL FLOOR OUTLET BOX FOR	
		ALTERNATE LOCATION OF EACH MOBILE MILK COOLER	31



1 1ST FLOOR - FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN - BLDG D

1/4" = 1'-0" DRAWN BY: GF/CT

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 TWO (2) MICRO-SWITCHES (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. ALL PENETRATIONS OF WALK-IN CEILING/WALL PANELS SHALL BE SEALED WITH USDA-APPROVED SEALANT - DIVISIONS 11/26.
10. ELECTRICAL CONDUIT WITHIN WALK-IN SHALL BE FILLED (INSIDE CONDUIT) WITH FOAM URETHANE TO PREVENT CONDENSATION - DIVISION 26.
11. HORIZONTAL RUNS OF CONDUIT FOR CEILING-MOUNTED LIGHT FIXTURES SHALL BE MOUNTED ON TOP OF WALK-IN CEILING PANELS - DIVISION 26. RE: DETAIL D8/FS.502.
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. RE: DIAGRAM D9/FS.502.
13. FURNISH AND INSTALL 18 GAUGE WIRING AND TEMPERATURE SENSORS OF TEMPERATURE ALARM SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS - DIVISION 11. RE: DIAGRAM D9/FS.502.
14. 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).
15. 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: DIAGRAM D10/FS5.02 FOR ADDITIONAL REQUIREMENTS.
16. REMOTE REFRIGERATION SYSTEM SHALL INCLUDE PRE-WIRED UL-LISTED CIRCUIT BREAKERS AND NON-FUSED LINE DISCONNECT SWITCH - DIVISION 11.
17. 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 125% OF CONTINUOUS OPERATING LOAD OF EQUIPMENT.
18. INSPECT UDS FOR LOOSE CONNECTIONS (CAUSED BY SHIPPING) AND TIGHTEN AS REQUIRED - DIVISION 26.
19. 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.
20. 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.
21. FURNISH AND INSTALL THREE (3) 120-VOLT WIRES FROM PRE-WIRED LIGHT SWITCH MOUNTED ON END RISER OF UDS TO JUNCTION BOXES LOCATED ON TOP OF EXHAUST HOOD FOR PRE-WIRED EXHAUST HOOD LIGHTS - DIVISION 26.
22. CONNECT FLEX CONDUIT W/LEADS AND/OR UL-LISTED CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT WHERE REQUIRED - DIVISION 26.
23. WIRING OF EXHAUST AND SUPPLY FANS FOR EXHAUST HOOD SHALL BE INTERLOCKED TO MAINTAIN PROPER AIR BALANCE IN KITCHEN - DIVISION 26.
24. MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS SHALL BE FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
25. FOR 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.

    FOR 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.
26. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO EACH HEAT SENSOR (VERIFY QUANTITY) MOUNTED IN EXHAUST HOOD - DIVISION 26.
27. 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.
28. 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.
29. REFER TO EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM D11/FS5.02 FOR ADDITIONAL INFORMATION AND REQUIREMENTS - DIVISION 26.
30. SPARE NUMBER.
31. INSTALL FLOOR MOUNTED STAINLESS STEEL OUTLET BOX WITH BUILT-IN RECEPTACLES (FURNISHED BY DIVISION 11) - DIVISION 26. RE: DETAIL D5/FS5.02.
32. PRIOR TO UTILITY ROUGH-IN INSTALLATION, VERIFY EXACT REQUIREMENTS WITH EQUIPMENT PROVIDER FOR ALL EQUIPMENT INDICATED AS "BY OTHER DIVISIONS", "NOT IN CONTRACT", AND/OR "BY OTHERS" - DIVISION 26.
33. PRIOR TO UTILITY ROUGH-IN INSTALLATION, VERIFY EXACT REQUIREMENTS WITH EQUIPMENT INDICATED AS "EXISTING/RELOCATED" - DIVISION 26.

ELECTRICAL ROUGH-IN SYMBOLS & ABBREVIATIONS	
ⓙ	JUNCTION BOX
⊖	SINGLE RECEPTACLE
⊖=	DUPLEX RECEPTACLE
◁	ECEPTACLE FLOOR BOX (DIVISION 11)
▣	DATA RECEPTACLE
V	VOLTS
PH	PHASE
KW	KILOWATT
MCA	MINIMUM CIRCUIT AMPACITY
MOPD	MAXIMUM OVERLOAD PROTECTION DEVICE
CO	CONVENIENCE OUTLET
AFF	ABOVE FINISHED FLOOR
DFA	DOWN FROM ABOVE
UDS	UTILITY DISTRIBUTION SYSTEM
VFD	VARIABLE FREQUENCY DRIVE

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1547

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.505.8868
11150 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.5770 f: 225.216.5771

REGISTRATION

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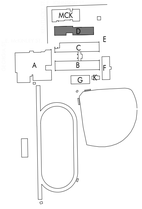

RENOVATION AND ADDITION TO
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BUILDING D
800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

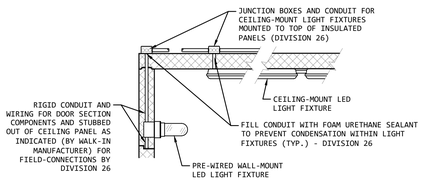
DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN

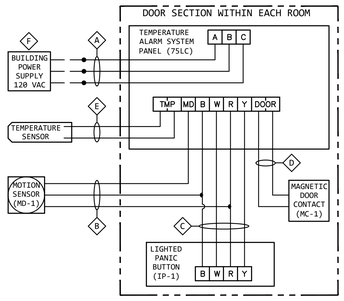
FS5.01



FOR INDOOR COOLER/FREEZER INSTALLATIONS

D8 WALK-IN COOLER/FREEZER LIGHT FIXTURES INSTALLATION DETAIL

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).

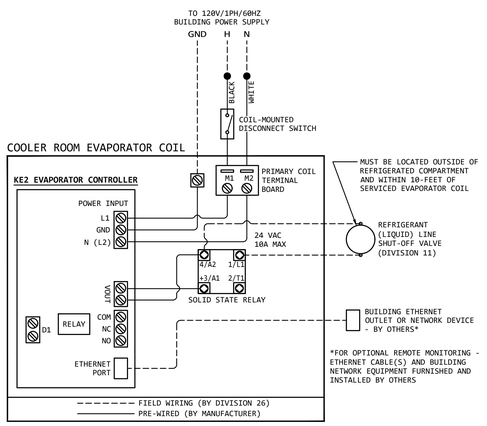
LEGEND

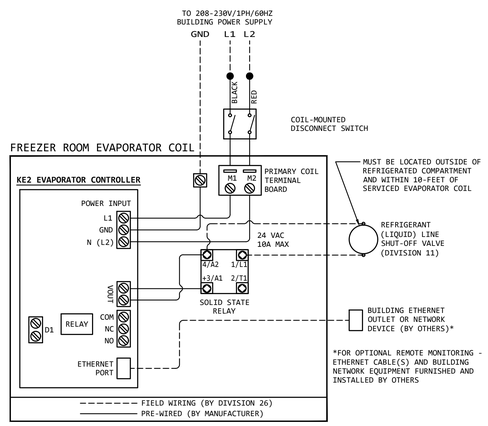
— — — — FIELD WIRING (BY CONTRACTOR)
———— PRE-WIRED (BY MANUFACTURER)

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

D9 WALK-IN COOLER/FREEZER TEMPERATURE ALARM & LIGHT CONTROL SYSTEM WIRING DIAGRAM

SCALE: NONE





D10 WALK-IN COOLER / FREEZER EVAPORATOR COIL ON-DEMAND CONTROLLERS WIRING DIAGRAM

REF:

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.

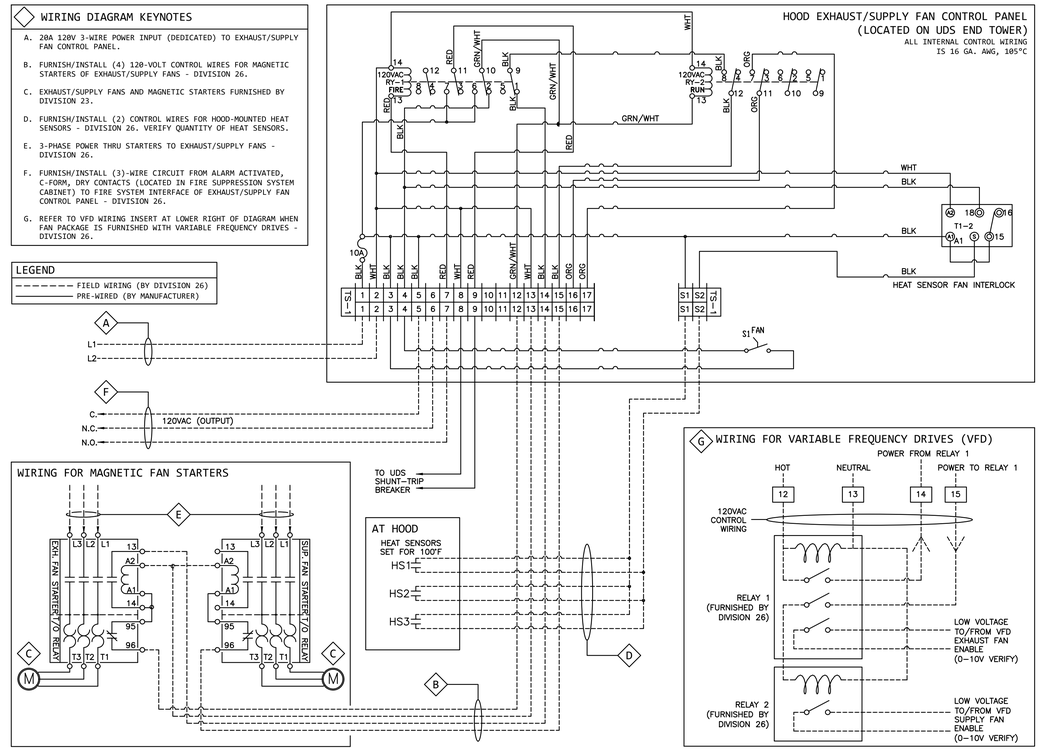
E. 3-PHASE POWER THRU STARTERS TO EXHAUST/SUPPLY FANS - DIVISION 26.

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)



D11 EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM

REF:

SCALE: NONE

FUTCH DESIGN ASSOCIATES, INC.
SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1547

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.505.8868

11150 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.5770 f: 225.216.5771

REGISTRATION

CD SET
100% OWNER REVIEW SET

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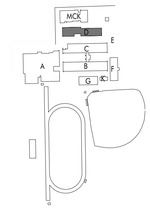


RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

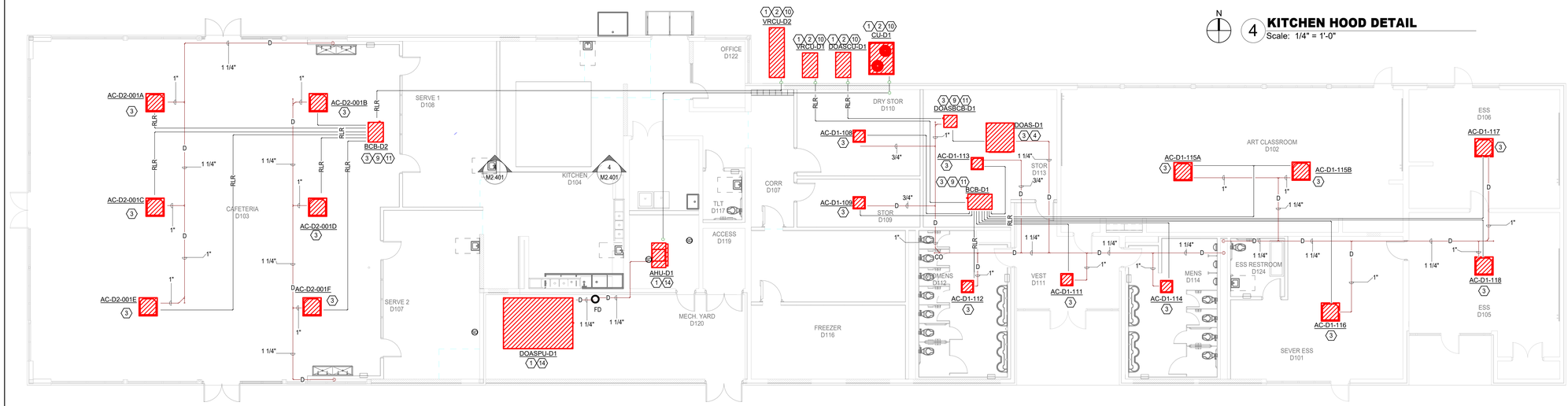
DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN DIAGRAMS

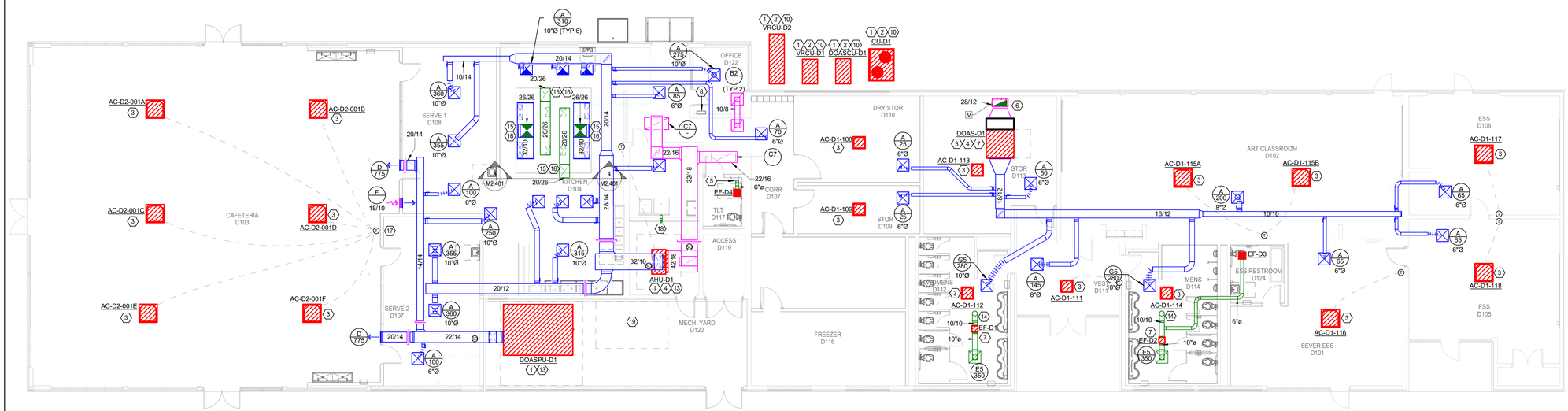
FS5.02



N

2 MECHANICAL PIPING PLAN - BUILDING D

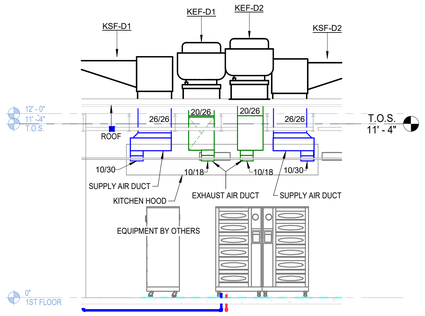
Scale: 1/8" = 1'-0"



N

1 MECHANICAL FLOOR PLAN - BUILDING D

Scale: 1/8" = 1'-0"



4 KITCHEN HOOD DETAIL

Scale: 1/4" = 1'-0"

MECHANICAL GENERAL NOTES

1.) ALL DUCT SIZES SHOWN ARE INSIDE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.

2.) COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.

3.) ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.

4.) SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.

5.) REFER TO ARCHITECTURAL FOR ALL SOFFIT GRILLE MOUNTING LOCATIONS.

MECHANICAL KEYED NOTES

1. PROVIDE 4" THICK REINFORCED CONCRETE HOUSEKEEPING PAD. SIZE PAD PER UNIT MANUFACTURERS RECOMMENDATIONS. (RE: 7/M4.402)
2. FIELD ROUTE REFRIGERANT LINES UP OUTSIDE EXTERIOR WALL AND PENETRATE WALL IN CEILING SPACE TO RESPECTIVE INDOOR UNIT. COORDINATE WITH ARCHITECT FOR EXACT ROUTING LOCATIONS PRIOR TO MOUNTING. PROVIDE EXTERIOR PIPE WITH LINESIDE HIDE. (RE: 12/M4.402)
3. ROUTE FULL SIZED INSULATED CONDENSATE DRAIN WITH AIR GAP TO HUB DRAIN. COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION HUB DRAIN. (RE: 5/M4.402)
4. PROVIDE 4" DEEP AUXILIARY CONDENSATE DRAIN PAN WITH FLOAT SWITCH BENEATH UNIT. (RE: 1/M4.402)
5. ROUTE EXHAUST DUCT (SIZE AS SHOWN) UP TO ROOF HOOD. PROVIDE GREENHECK MODEL GRSR SIZE 8 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE EXHAUST MIN 10'-0" FROM ALL BUILDING OUTSIDE AIR INLETS. (RE: 10/M4.402)
6. ROUTE OUTSIDE AIR DUCT (SIZES SHOWN) UP TO ROOF HOOD. PROVIDE GREENHECK MODEL FGI12X30 OR APPROVED EQUAL. PROVIDE WITH MOTORIZED DAMPER. MOTORIZED DAMPER SHALL OPEN WHEN ASSOCIATED FCU IS IN COOLING OR HEATING MODE. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE INTAKE MIN 10'-0" FROM ALL BUILDING EXHAUST OUTLETS. (RE: 10/M4.402)
7. CONTRACTOR TO SUSPEND MECHANICAL EQUIPMENT FROM STRUCTURE WITH THREADED RODS AND UNISTRUT SUPPORTS. PROVIDE VIBRATION ISOLATION. (RE: 11/M4.402)
8. PROVIDE VRF SYSTEM CENTRAL CONTROLLER IN THIS VICINITY. COORDINATE 120V JUNCTION BOX AND DATA CONNECTION WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION. COORDINATE EXACT LOCATION WITH ALL OTHER EQUIPMENT INSTALLED IN ROOM.
9. PROVIDE A BRANCH SELECTOR BOX IN AN ACCESSIBLE LOCATION IN THIS VICINITY. PROVIDE DRAIN PAN UNDER BRANCH SELECTOR AND EXTEND UNDER BALL VALVES. OTHER MANUFACTURER'S BRANCH CONTROLLERS SHALL BE LOCATED IN THE SAME EXACT LOCATION. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COST ASSOCIATED WITH THE CHANGE OF QUANTITY AND/OR LOCATION OF OTHER MANUFACTURER'S BRANCH CONTROLLERS.
10. TYPE "K" HARD COPPER SHALL BE USED FOR ALL REFRIGERANT LINES FROM THE OUTDOOR UNITS TO ITS ASSOCIATED BRANCH CONTROLLER AND IN ALL AREAS WHERE COPPER WILL BE EXPOSED (TYPICAL). CONTRACTOR SHALL ROUTE REFRIGERANT PIPING NEAT AND STRAIGHT. ALL PIPING INSULATION SHALL BE PROTECTED FROM COMPRESSION BY USE OF SHEETMETAL SADDLES AT HANGER LOCATIONS. CARE SHALL BE TAKEN SO THAT INSULATION IS NOT TORN OR DAMAGED BY HANGERS.
11. TYPE "L" SOFT COPPER SHALL BE USED FOR REFRIGERANT LINES FROM THE BRANCH CONTROLLER TO EACH VRF INDOOR UNIT OFF OF THAT SYSTEM (TYPICAL). ALL PIPING INSULATION SHALL BE PROTECTED FROM COMPRESSION BY USE OF SHEETMETAL SADDLES AT HANGER LOCATIONS. CARE SHALL BE TAKEN SO THAT INSULATION IS NOT TORN OR DAMAGED BY HANGERS.
12. FREEZER CONDENSING UNIT LOCATION.
13. ROUTE FULL SIZED INSULATED CONDENSATE DRAIN WITH AIR GAP TO FLOOR DRAIN. COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION FLOOR DRAIN. (RE: 5/M4.402)
14. ROUTE EXHAUST DUCT (SIZE AS SHOWN) UP TO ROOF HOOD. PROVIDE GREENHECK MODEL GRSR SIZE 10 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE EXHAUST MIN 10'-0" FROM ALL BUILDING OUTSIDE AIR INLETS. (RE: 10/M4.402)
15. SUPPLY/EXHAUST DUCT DOWN TO RESPECTIVE HOOD COLLAR. DUCT SAME SIZE AS HOOD COLLAR OPENING. HOOD PROVIDED BY OTHERS. COORDINATE WITH HOOD DETAILS, RE: ARCH.
16. INSTALL ACCESS PANELS AT EACH TURN IN DIRECTION AND EVERY 12 FEET OF WELDED KITCHEN EXHAUST DUCTWORK. EXHAUST DUCTWORK SHALL BE SLOPED BACK TOWARDS THE HOOD AT A MINIMUM OF 1/4" PER FOOT.
17. PROVIDE TAMPER RESISTANT T-STAT COVER. LOCK OUT T-STAT SET TO 75°F FOR COOLING. REFER TO ARCHITECTURAL DIAGRAM FOR MOUNTING HEIGHT AND LOCATION.
18. ROUTE 4"Ø DRYER EXHAUST VENT TO LOW PROFILE DRYER VENT ROOF CAP WITH BACKDRAFT DAMPER. PROVIDE INOVATE MODEL 477 OR APPROVED EQUAL. CONTRACTOR TO VERIFY THAT DRYER DUCT DISTANCE DOES NOT EXCEED MAXIMUM EQUIVALENT LENGTH. PROVIDE PERMANENT NAMEPLATE WITH TOTAL DUCT RUN WITHIN 6'-0" FROM EXHAUST CONNECTION. (RE: 14/M4.4.2)
19. FREEZER CONDENSING UNIT LOCATION.

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF DAVID BONAVENTURE, P.E. 31064 ON NOVEMBER 6, 2025 IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809
Registration: 0005857
Project No: 2550-00603

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

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DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
11/06/2025

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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D
800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions

No.	Description	Date
1	DD - Addendum 1	09/10/25

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

MECHANICAL FLOOR PLANS - BLDG. D

M2.401

1 DD - Addendum 1

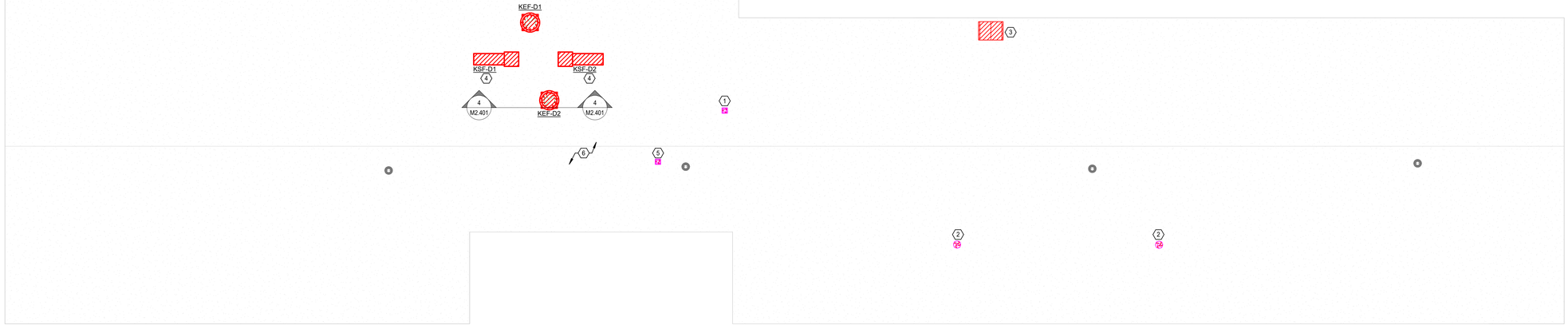
NOVEMBER 6, 2025

MECHANICAL GENERAL NOTES

1.) ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.

MECHANICAL KEYED NOTES

1. EXHAUST DUCT UP TO ROOF HOOD. PROVIDE GREENHECK MODEL GRSR SIZE 8 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE EXHAUST MIN 10'-0" FROM ALL BUILDING OUTSIDE AIR INLETS. (RE: 10/M2.402)
2. EXHAUST DUCT UP TO ROOF HOOD. PROVIDE GREENHECK MODEL GRSR SIZE 12 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE EXHAUST MIN 10'-0" FROM ALL BUILDING OUTSIDE AIR INLETS. (RE: 10/M2.402)
3. OUTSIDE AIR DUCT UP TO ROOF HOOD. PROVIDE GREENHECK MODEL FGI12X30 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE INTAKE MIN 10'-0" FROM ALL BUILDING EXHAUST OUTLETS. (RE: 10/M2.402)
4. ENSURE KITCHEN SUPPLY FAN IS INSTALLED WITH INTAKE 10' AWAY FROM ALL EXAUST ROOF OPENINGS.
5. ROUTE 4"Ø DRYER EXHAUST VENT TO LOW PROFILE DRYER VENT ROOF CAP.
6. CAP AND INSULATE ALL EXISTING ROOF OPENINGS NOT BEING REUSED. (RE:13/M4.402)



N

1 **MECHANICAL ROOF PLAN - BUILDING D**
Scale: 1/8" = 1'-0"

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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809
Registration: 0005857
Project No: 2550-00603

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f 225.216.3771

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DAVID BONAVENTURE
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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date
1	DD - Addendum 1	09/17/25

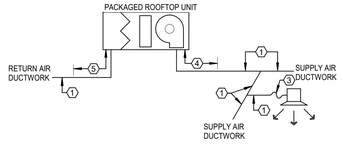
DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

MECHANICAL ROOF PLAN - BLDG. D

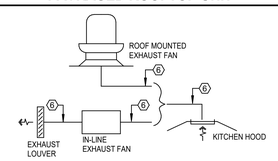
M2.402

1 DD - Addendum 1
NOVEMBER 6, 2025

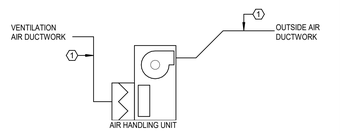
DUCT LINER AND INSULATION



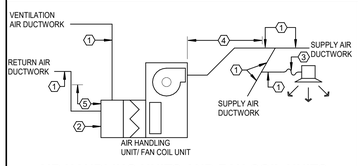
PACKAGED ROOFTOP UNIT



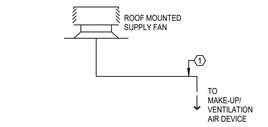
KITCHEN HOOD EXHAUST AIR SYSTEMS



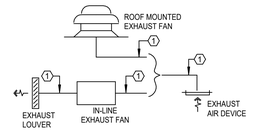
OUTSIDE AIR PRETREATMENT UNIT



AIR HANDLING UNITS AND FAN COIL UNITS



MAKE-UP/VENTILATION AIR SYSTEMS

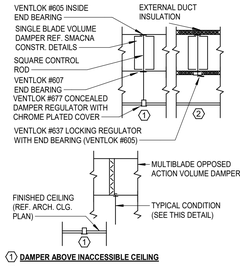


EXHAUST AIR SYSTEMS

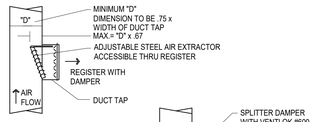
KEYED NOTES:

1. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
2. SHEETMETAL DUCTWORK RETURN AIR PLENUM WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
3. FLEXIBLE DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
4. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT DISCHARGE TO 10'-0" DOWNSTREAM.
5. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT INLET TO 10'-0" UPSTREAM.
6. EXHAUST DUCTWORK AS SPECIFIED WITH FIREBOARD INSULATION AS SPECIFIED.

DUCTWORK CONSTRUCTION DETAILS



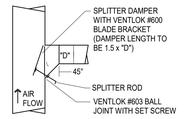
1. DAMPER ABOVE INACCESSIBLE CEILING
2. DAMPER ABOVE LIFT-OUT CEILING



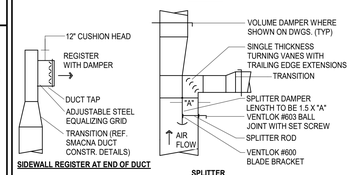
NOTES:

1. MAX. WIDTH OF DUCT TAP SHALL BE 48". PROVIDE BOTTOM BRACKET FOR SUPPORT WHERE EXTRACTOR EXCEEDS 16".
2. MAX. HEIGHT OF DUCT TAP SHALL BE 12" (MIN.= 4")

EXTRACTOR SIDEWALL REGISTER



DUCT TAP



SIDEWALL REGISTER AT END OF DUCT

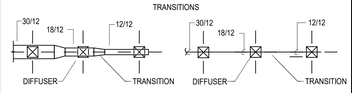
SPLITTER

SYMBOL LEGEND

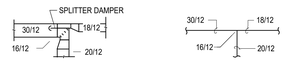
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
GENERAL	
(#)	KEY NOTE TAG
	REVISION TAG
	NEW EQUIPMENT
DUCTWORK	
	SUPPLY AIR DUCTWORK
	RETURN AIR AND OUTSIDE AIR DUCTWORK
	EXHAUST AIR DUCTWORK
	FLEXIBLE DUCTWORK
	SUPPLY AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	RETURN AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	EXHAUST AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	FIRE DAMPER (VERTICAL)
	FIRE DAMPER (HORIZONTAL)
FD	SMOKE DAMPER (VERTICAL)
FD	SMOKE DAMPER (HORIZONTAL)
FD FS	COMBINATION FIRE & SMOKE DAMPER (VERTICAL)
FD FS	COMBINATION FIRE & SMOKE DAMPER (HORIZONTAL)
	MANUAL BALANCING DAMPER (SEE DAMPER SCHEDULE)
M	MOTORIZED DAMPER (SEE DAMPER SCHEDULE)
SENSORS	
T	THERMOSTAT AND TEMPERATURE SENSOR
H	HUMIDISTAT
SD	SMOKE DETECTOR
AIR DEVICES	
	GRILLE SIZE TAG (REFER TO GRILLE SIZE LEGEND)
	SUPPLY AIR GRILLE WITH FOUR-WAY THROW
	SUPPLY AIR GRILLE WITH THREE-WAY THROW
	SUPPLY AIR GRILLE WITH TWO-WAY THROW
	SUPPLY AIR GRILLE WITH TWO-WAY CORNER THROW
	SUPPLY AIR GRILLE WITH ONE-WAY THROW
	RETURN AIR GRILLE
	RETURN AIR GRILLE WITH SOUND BOOT
	EXHAUST AIR GRILLE
	SUPPLY AIR SIDEWALL GRILLE
	RETURN AIR SIDEWALL GRILLE
20X12	RETURN AIR OPENING ABOVE CEILING
PIPING	
D	CONDENSATE DRAIN LINE
RLR	REFRIGERANT LIQUID & GAS RECIRCULATION LINE (TOTAL OF TWO PIPES; ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
	ELBOW UP
	ELBOW DOWN
	90° ELBOW
	45° ELBOW
	TEE
	TEE DOWN
	TEE UP
	TOP BRANCH CONNECTION
	BOTTOM BRANCH CONNECTION
	FLANGE
	CAP
	CONTINUATION
SUBSCRIPTS AND ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BBS	BELOW BOTTOM OF STRUCTURE
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CO	CLEAN OUT
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
FPM	FEET PER MINUTE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
RENOVATIONS	
	ITEM TO REMAIN
	ITEM TO BE REMOVED

DUCTWORK SYMBOLS LEGEND

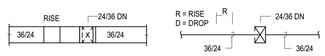
TRANSITIONS



MAIN BRANCH TAKE-OFFS

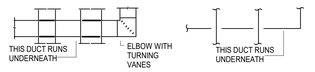


RISERS

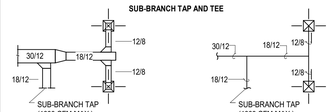


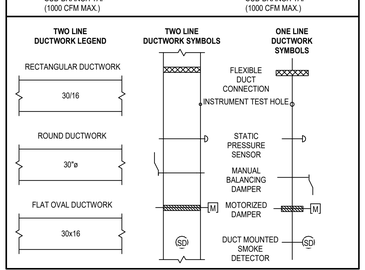
SIDEWALL REGISTERS

DUCT CROSSOVERS



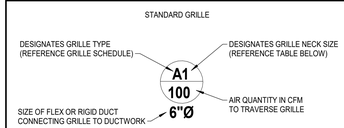
SUB-BRANCH TAP AND TEE





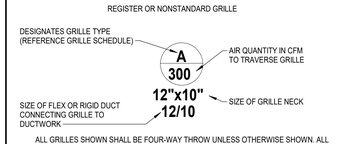
GRILLE SIZING SCHEDULE

STANDARD GRILLE



ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN.

REGISTER OR NONSTANDARD GRILLE



ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN. ALL REGISTERS SHALL HAVE A 45° HORIZONTAL DEFLECTION UNLESS OTHERWISE SHOWN.

GRILLE SIZE DESIGNATION	GRILLE NECK SIZE	GRILLE SIZE DESIGNATION	GRILLE NECK SIZE
1	6" x 6"	7	15" x 15"
2	8" x 8"	8	16" x 16"
3	9" x 9"	9	18" x 18"
4	10" x 10"	10	20" x 20"
5	12" x 12"	11	22" x 22"
6	14" x 14"	12	24" x 24"

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

11/06/2025

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CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF DAVID BONAVENTURE, P.E. 31064 ON NOVEMBER 6, 2025 IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

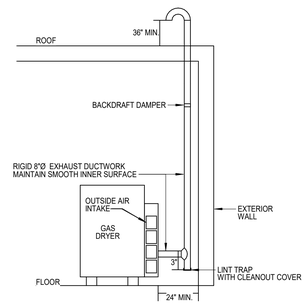
Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

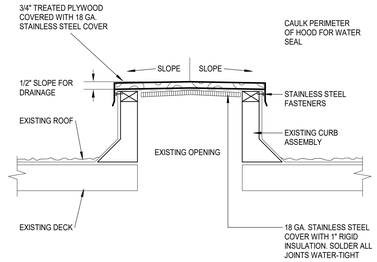
MECHANICAL DETAILS - BLDG. D

M4.401

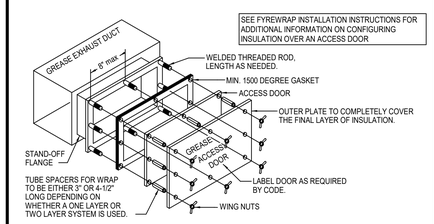
NOVEMBER 6, 2025



14 DRYER EXHAUST DETAIL
SCALE: NONE

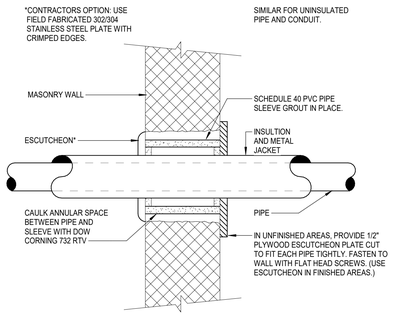


13 EXISTING ROOF OPENING COVER
SCALE: NONE

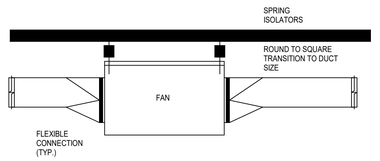


NOTE:
1. ACCESS DOORS SHALL BE U.L. 1978 LISTED OR FIELD FABRICATED, REQUIRE NO TOOLS FOR REMOVAL AND MEET THE REQUIREMENTS OF THE CURRENT EDITION OF THE IMC. ACCESS DOOR ASSEMBLY SHALL BE WELDED IN PLACE TO THE GREASE EXHAUST DUCT AND THE ACCESS DOOR SHALL BE SECURED WITH THUMB SCREWS. ACCESS DOOR SHALL BE SEALED WITH A MINIMUM 1500 DEGREE GASKET MATERIAL EQUIVALENT TO THAT MANUFACTURED BY BRETON INDUSTRIES, INC. (800) 382-2491.
2. ACCESS DOORS SHALL BE INSTALLED MINIMUM 15'-0" ON CENTER AND AT EVERY CHANGE IN DIRECTION GREATER THAN 45 DEGREES.

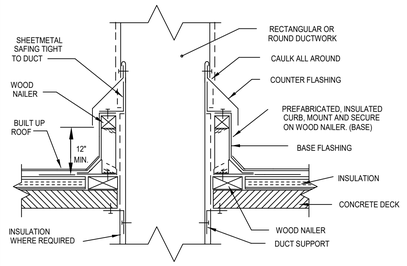
12 GREASE ACCESS DOOR
SCALE: NONE



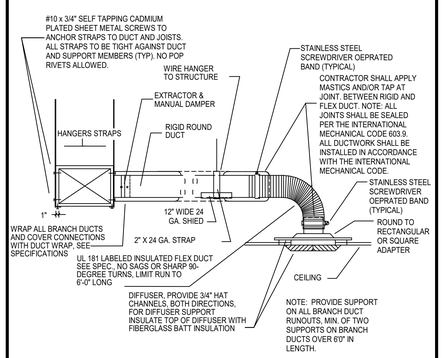
11 PIPE THROUGH EXTERIOR WALL
SCALE: NONE



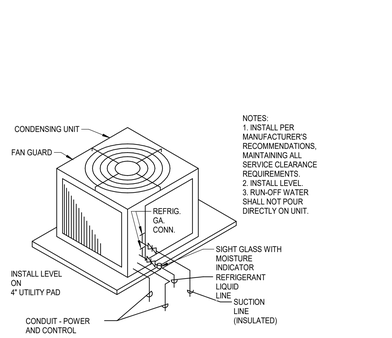
10 INLINE FAN DETAIL
SCALE: NONE



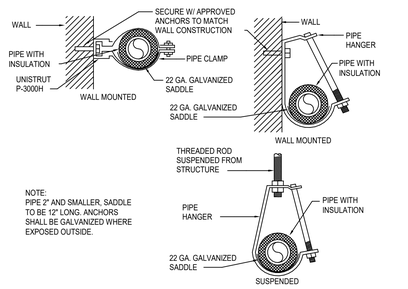
9 DUCT PENETRATION THRU ROOF
SCALE: NONE



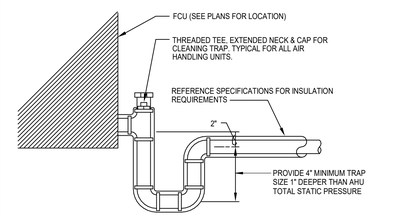
8 DIFFUSER CONNECTION
SCALE: NONE



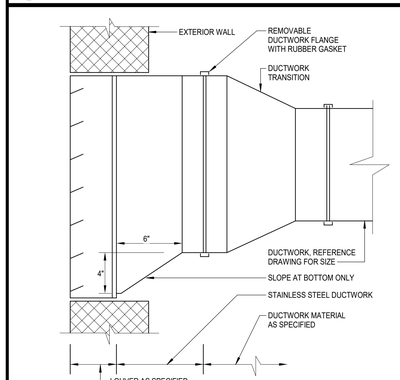
7 CONDENSING UNIT ON UTILITY PAD
SCALE: NONE



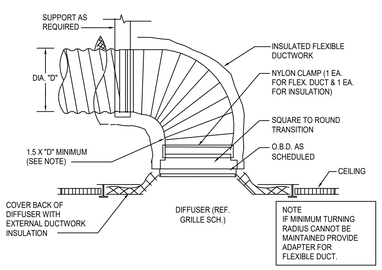
CONDENSATE DRAIN AND SUPPORT INSULATION
SCALE: NONE



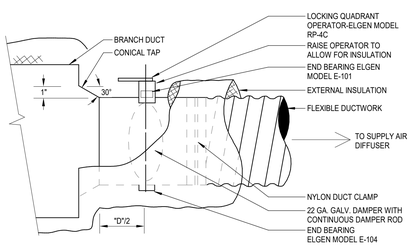
5 CONDENSATE DRAIN PIPING AT FCU/RTU
SCALE: NONE



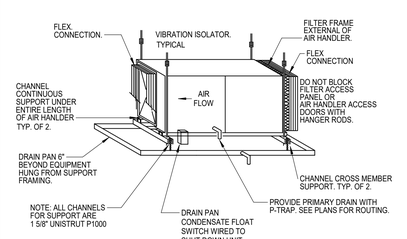
4 DUCTWORK AT LOUVER
SCALE: NONE



FLEX DUCT CONNECTION AT SUPPLY AIR DIFFUSER
SCALE: NONE



2 FLEXIBLE DUCT TAP - CONICAL
SCALE: NONE



1 AIR HANDLING UNIT HUNG FROM STRUCTURE
SCALE: NONE

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

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PROFESSIONAL
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11/06/2025

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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

No.	Description	Date
revisions		

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809
Registration: 0005857
Project No: 2550-00603

MECHANICAL
DETAILS - BLDG. D

M4.402

NOVEMBER 6, 2025

GRILLE

MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	DESCRIPTION
A	SUPPLY	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	OMNI	EXPOSED T-BAR CEILING FRAME STYLE WITH 24"X24" OR 12"X12" FACE.
B	RETURN	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	50F	EXPOSED T-BAR CEILING FRAME STYLE WITH A 24"X24" FACE. PERFORATED.
C	RETURN	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	50F	SURFACE MOUNT CEILING FRAME STYLE WITH 24"X48" FACE.
D	SUPPLY	GRILLE	-	ALUMINUM	BY ARCH	TITUS	300RL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)
E	EXHAUS	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	50F	SURFACE MOUNT CEILING FRAME STYLE WITH 18"X18" OR 12"X12" FACE. PERFERATED FACE.
F	RETURN	TRANSFER	-	ALUMINUM	BY ARCH	TITUS	350RL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)
G	SUPPLY	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	OMNI	SURFACE MOUNT CEILING FRAME STYLE WITH 18"X18" OR 12"X12" FACE.

GENERAL NOTES:
1. DAMPERS NOTED AS U.L. SHALL BE A 'U.L.' CLASSIFIED CEILING RADIATION DAMPER WITH THERMAL BLANKET.
2. COORDINATE FINAL AIR DEVICE LOCATION AND FINISH COLOR WITH ARCHITECT.

REMARKS:
1. N/A

AIR COOLED CONDENSING UNIT

MARK	NOM. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP. (°F)	MINIMUM EER/ IEER	CURRENT CHAR.			RELATED UNIT MARK	BASIS OF DESIGN				REMARKS
				V	P	F		MANUFACTURER	MODEL	MCA	MOCP	
CU-D1	120,000	95	11.0 / 14.2	208	3	60	AHU-1	CARRIER	38AXD	41	50	ALL

GENERAL NOTES:
A. MINIMUM RECOMMENDEDLD CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH LOW AMBIENT CONTROL DOWN TO 20°F.
2. PROVIDE WITH DISCONNECT SWITCH.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

PACKAGED DOAS UNIT

MARK	LOCATION.	FAN						COOLING								HEATING		BASIS OF DESIGN				REMARKS
		SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHARAC.		AIR TEMPERATURE (°F)					MIN. TOTAL CAPACITY (BTUH)	MIN. SENS CAPACITY (BTUH)	MINIMUM EER/ SEER	NUMBER OF STAGES	ENTERING AIR TEMP.(°F)	MIN. TOTAL CAPACITY (BTUH)	MANUF.	MODEL NUMBER	MCA	MOCP	
						V	P	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB	AMBIENT TEMP										
DOASPU-D1	D119 MECH	2000	2,000	2.00	2.0	208	3	60	95.0	77.0	55	54.5	95.0	156,600	86400	1	2	25.0	108,000	AAON	RNA	166	175	ALL

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE UNIT WITH DISCONNECT SWITCH & ROOF CURB.
2. PROVIDE UNIT WITH FACTORY MOUNTED GFCI RECEPTACLE FOR UNIT WITH LOW AMBIENT CONTROL. ELECTRICIAN TO WIRE TO SEPARATE CIRCUIT.
3. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL COSTS IF ALTERNATE UNIT IS PROVIDED WITH GREATER ELECTRICAL CHARACTERISTICS THAN SHOWN.
4. PROVIDE GROUND MOUNTED PACKAGED UNIT.

AIR HANDLING UNIT SCHEDULE

MARK	LOCATION.	FAN							COOLING							HEATING					BASIS OF DESIGN				REMARKS
		CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHAR			AIR TEMPERATURE (°F)				NOM. TOTAL CAPACITY (BTUH)	NOM. SENS CAPACITY (BTUH)	MINIMUM EER/ IEER	NUMBER OF STAGES	ENTERING AIR TEMP.(°F)	LEAVING AIR TEMP.(°F)	KW (@ 208)	NUMBER OF STAGES	CURRENT CHARAC.			MANUFACTURER	MODEL	MCA	MOCP	
						V	P	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB									V	P	F					
AHU-D1	D119	4000	500	0.85	3	208	3	208	77.4	64.6	55.0	54.5	120,000	90,000	11.0 / 14.2	2	63.9	90	35	2	208	3	60	CARRIER	40RLA	92	100	ALL

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. PROVIDE FRONT RETURN TOP SUPPLY UNIT.
5. PROVIDE VERTICAL UNIT.

DEDICATED OUTSIDE AIR UNIT - INDOOR UNIT

MARK	FAN				CURRENT CHAR			AIR TEMPERATURE (°F)				MIN. TOTAL CAPACITY (BTUH)	MIN. SENS. CAPACITY (BTUH)	HEATING		BASIS OF DESIGN				REMARKS
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	V	P	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB			ENTERING AIR TEMP.(°F)	MIN. TOTAL CAPACITY (BTUH)	MANUFACTURER	MODEL	MCA	MOCP	
DOAS-D1	1,200	1,200	1.50	2.0	208	1	60	95.0	77.0	55.0	54.5	93,960	51,840	25	64800	MITSUBISHI	TPEFY	4.0	15	1,2,3,4,5,6,7,8,9,10

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, AND DAMPERS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
3. PROVIDE HORIZONTAL UNIT.
4. PROVIDE UNIT WITH HOT GAS REHEAT. UNIT SHALL BE CAPABLE OF REHEATING DISCHARGE AIR TO NEUTRAL 75°F (ADJUSTABLE) FOR DEHUMIDIFICATION.
5. PROVIDE UNIT WITH HANGING ISOLATION KIT.
6. VELOCITY NOT TO EXCEED 450 FPM ON COOLING COIL.
7. PROVIDE UNIT WITH INTEGRAL CONDENSATE DRAIN PUMP WITH MINIMUM 18" LIFT.

VRF FAN/COIL UNIT

MARK	LOCATION	FAN					COOLING						HEATING		MCA	MOCP	REMARKS
		SUPPLY AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	CURRENT CHARAC.			AIR TEMPERATURE (°F)				NOM. TOTAL CAPACITY (BTUH)	NOM. SENS. CAPACITY (BTUH)	ENTERING AIR TEMP.(°F)	MINIMUM CAPACITY (BTUH)			
				V	P	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB							
AC-D1-108	D108	345	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,300	75	5,600	2	15	1,2,3,4,5,6,7
AC-D1-109	D109	345	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,300	75	5,600	2	15	1,2,3,4,5,6,7
AC-D1-111	D111	345	0.10	208	1	60	75.0	62.5	55.0	54.5	12,000	9,000	75	13,500	2	15	1,2,3,4,5,6,7
AC-D1-112	D112	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,300	75	5,600	2	15	1,2,3,4,5,6,7
AC-D1-113	D113	345	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,300	75	5,600	2	15	1,2,3,4,5,6,7
AC-D1-114	D114	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,300	75	5,600	2	15	1,2,3,4,5,6,7
AC-D1-115A	D115	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	24,000	18,000	75	27,000	2	15	ALL
AC-D1-115B	D115	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	24,000	18,000	75	27,000	2	15	ALL
AC-D1-116	D116	630	0.10	208	1	60	75.0	62.5	55.0	54.5	30,000	22,500	75	34,000	2	15	ALL
AC-D1-117	D117	485	0.10	208	1	60	75.0	62.5	55.0	54.5	30,000	22,500	75	34,000	2	15	ALL
AC-D1-118	D118	635	0.10	208	1	60	75.0	62.5	55.0	54.5	30,000	22,500	75	34,000	2	15	ALL
AC-D2-001A	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL
AC-D2-001B	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL
AC-D2-001C	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL
AC-D2-001D	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL
AC-D2-001E	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL
AC-D2-001F	CAFETERIA	1,200	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	36,000	75	54,000	2	15	ALL

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. PROVIDE CEILING MOUNTED 4-WAY CASSETTE.
5. PROVIDE WITH REFRIGERANT SERVICE BALL VALVE AT UNIT.
6. PROVIDE UNIT WITH NEEDLEPOINT BIPOLAR IONIZATION KIT WITH UL 2998 CERTIFICATION. BASIS OF DESIGN: GPS NPBI OR APPROVED EQUAL.
7. PROVIDE UNIT WITH INTEGRAL CONDENSATE PUMP WITH MINIMUM 18" LIFT.
8. PROVIDE 3X3 CEILING CASSETTE UNIT WITH FACTORY PROVIDED TRIM KIT FOR CASSETTE UNIT TO BE CENTERED BETWEEN 4 TILES IN GRID.

AIR COOLED VRF CONDENSING UNIT (HEAT RECOVERY)

MARK	NOM. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP.(°F)	MINIMUM EER/IEER	CURRENT CHARACTERISTICS			RELATED UNIT MARK	CONNECTED LOAD PERCENTAGE	MCA	MOCP	MANUFACTURER	MODEL NUMBER	REMARKS
				V	P	F							
DOASCU-D1	120,000	95	10.4 / 19.9	208	3	60	DOAS-D1	100	66	110	MITSUBISHI	TURYE	1
VRCU-D1	144,000	95	10.0 / 21.2	208	3	60	AC-D1-111, 112, 114, 115A, 115B, 116, 117, 118	104	60	100	MITSUBISHI	TURYE	1
VRCU-D2	264,000	95	9.5 / 19.4	208	3	60	AC-D2-001, 002, 003, 004, 005, 006	109	116	190	MITSUBISHI	TURYE	1

GENERAL NOTES:
1. MINIMUM RECOMMENDED CLEARANCE AROUND CONDENSING UNIT IS 4 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.
2. PROVIDE CENTRAL CONTROLLER FOR VRF SYSTEM. CONTROLLER SHALL HAVE BACNET INTERFACE OPTION FOR INTERCONNECTIVITY INTO EXISTING EBRPSS CONTROLS. REFER TO SPECIFICATIONS.

REMARKS:
1. REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S INSTRUCTIONS.

VRF BRANCH SELECTOR

MARK	RELATED UNIT MARK	ELECTRICAL					NUM. OF BRANCHES	REMARKS
		V	P	F	MCA	MOCP		
BCB-D1	VRCU-D1	208	1	60	0.8	20	8	1
BCB-D2	VRCU-D2	208	1	60	0.8	20	8	1
DOASBCB-D1	DOASCU-D1	208	1	60	0.7	20	8	1

GENERAL NOTES:
1. CONTRACTOR TO INSTALL 'FULL PORT' ISOLATION VALVES AND SCHRADER VALVE UPSTREAM OF EACH BRANCH SELECTOR BOX.
2. BRANCH SELECTORS SHALL HAVE BRAZED CONNECTIONS.

REMARKS:
1. PROVIDE WITH HANGING ISOLATION KIT.

FAN SCHEDULE

TAG	LOCATION	CFM	EXT. STATIC PRESSURE (IN.W.C.)	MAX RPM	HORSE POWER	CURRENT CHAR			LOCALLY SWITCHED	INTERLOCK WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER	MODEL NUMBER	REMARKS
						V	P	F							
EF-D1	WOMEN/MENS RR	350	0.33	1,665	0.17	120	1	60	-	OCCUPANCY SENSOR WITH TIMER	INLINE	BELT	GREENHECK	SQ	2
EF-D2	WOMEN/MENS RR	350	0.33	1,665	0.17	120	1	60	-	OCCUPANCY SENSOR WITH TIMER	INLINE	BELT	GREENHECK	SQ	2
EF-D3	TLT	70	0.25	1,410	0.1	120	1	60	-	OCCUPANCY SENSOR WITH TIMER	CEILING	DIRECT	GREENHECK	SP	1
EF-D4	TLT	70	0.25	1,410	0.1	120	1	60	-	OCCUPANCY SENSOR WITH TIMER	CEILING	DIRECT	GREENHECK	SP	1
KEF-D1	ROOF	3850	1.50	1,410	2	208	1	60	-	KITCHEN HOOD	ROOF MOUNTED	BELT	GREENHECK	CUBE	3,4
KEF-D2	ROOF	3850	1.50	1,410	2	208	1	60	-	KITCHEN HOOD	ROOF MOUNTED	BELT	GREENHECK	CUBE	3,4
KSF-D1	ROOF	3080	0.62	1,750	1.5	208	1	60	-	KITCHEN HOOD	ROOF MOUNTED	DIRECT	GREENHECK	KSQ	4
KSF-D2	ROOF	3080	0.62	1,750	1.5	208	1	60	-	KITCHEN HOOD	ROOF MOUNTED	DIRECT	GREENHECK	KSQ	4

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, AND DAMPERS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MINIMUM RECOMMENDED CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH INTEGRAL DISCONNECT, BACKDRAFT DAMPER, VIBRATION ISOLATION KIT AND DECORATIVE GRILLE.
2. PROVIDE WITH INTEGRAL DISCONNECT, BACKDRAFT DAMPER, AND VIBRATION ISOLATION KIT.
3. PROVIDE WITH GREASE BOX.
4. PROVIDE WITH ROOF CURB, AND MOTOR STARTER.

ARCHITECT
CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION
STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
11/06/2025

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CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date
1	DD - Addendum 1	09/10/25

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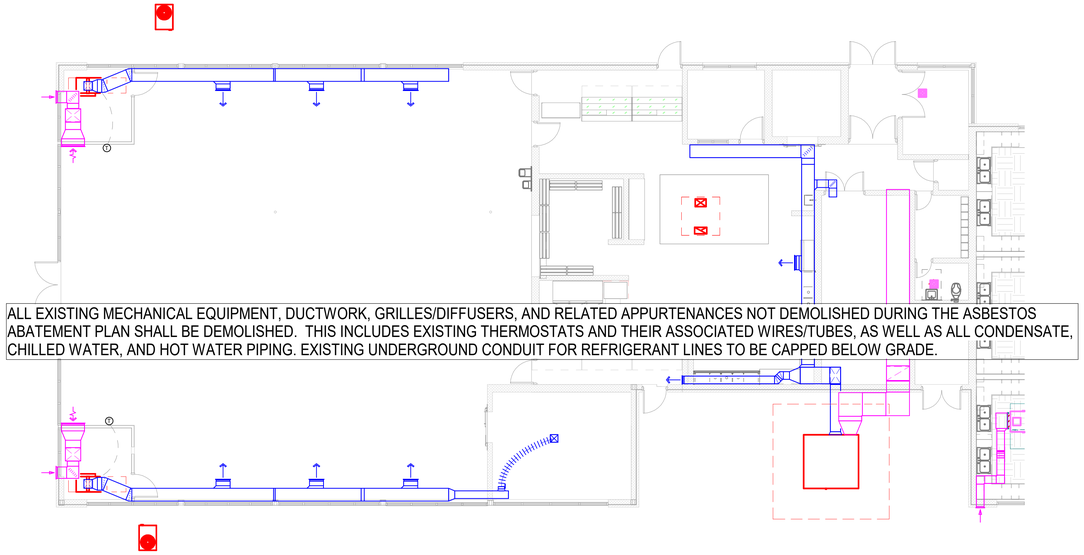
Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809
Registration: 0005857
Project No: 2550-00603

DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

MECHANICAL SCHEDULES - BLDG. D

M5.401

1 DD - Addendum 1
NOVEMBER 6, 2025

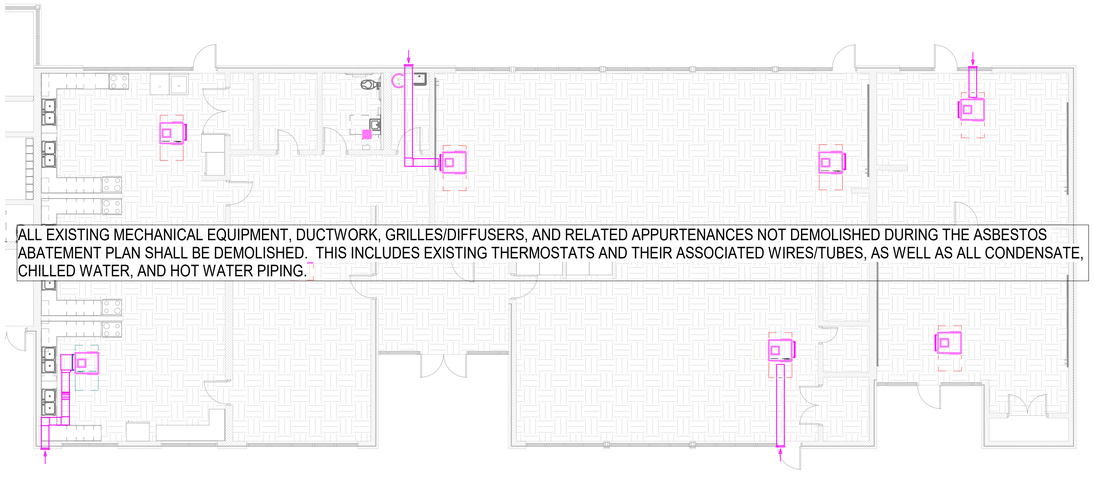


ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, GRILLES/DIFFUSERS, AND RELATED APPURTENANCES NOT DEMOLISHED DURING THE ASBESTOS ABATEMENT PLAN SHALL BE DEMOLISHED. THIS INCLUDES EXISTING THERMOSTATS AND THEIR ASSOCIATED WIRES/TUBES, AS WELL AS ALL CONDENSATE, CHILLED WATER, AND HOT WATER PIPING. EXISTING UNDERGROUND CONDUIT FOR REFRIGERANT LINES TO BE CAPPED BELOW GRADE.

N

1 **MECHANICAL DEMO PLAN - BLDG D WEST**

Scale: 1/8" = 1'-0"



ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, GRILLES/DIFFUSERS, AND RELATED APPURTENANCES NOT DEMOLISHED DURING THE ASBESTOS ABATEMENT PLAN SHALL BE DEMOLISHED. THIS INCLUDES EXISTING THERMOSTATS AND THEIR ASSOCIATED WIRES/TUBES, AS WELL AS ALL CONDENSATE, CHILLED WATER, AND HOT WATER PIPING.

N

2 **MECHANICAL DEMO PLAN - BLDG D EAST**

Scale: 1/8" = 1'-0"

MECHANICAL GENERAL DEMOLITION NOTES

1.) REMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL ON REMOVED EQUIPMENT. IF REFUSED BY OWNER - REMOVE FROM SITE AND DISPOSE LEGALLY

2.) CONTRACTOR SHALL VISIT SITE AND REVIEW DRAWINGS TO DETERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE

3.) PRIOR TO DISCONNECTING AND REMOVING ANY MECHANICAL SERVICES IN THE DESIGNATED WORK AREA, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

4.) GENERAL CONTRACTOR SHALL PATCH/REPAIR ALL SURFACES AS REQUIRED TO RECEIVE FINAL FINISHES.

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

STATE OF LOUISIANA

DAVID BONAVENTURE
License No. 31064

PROFESSIONAL ENGINEER

11/06/2025

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RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

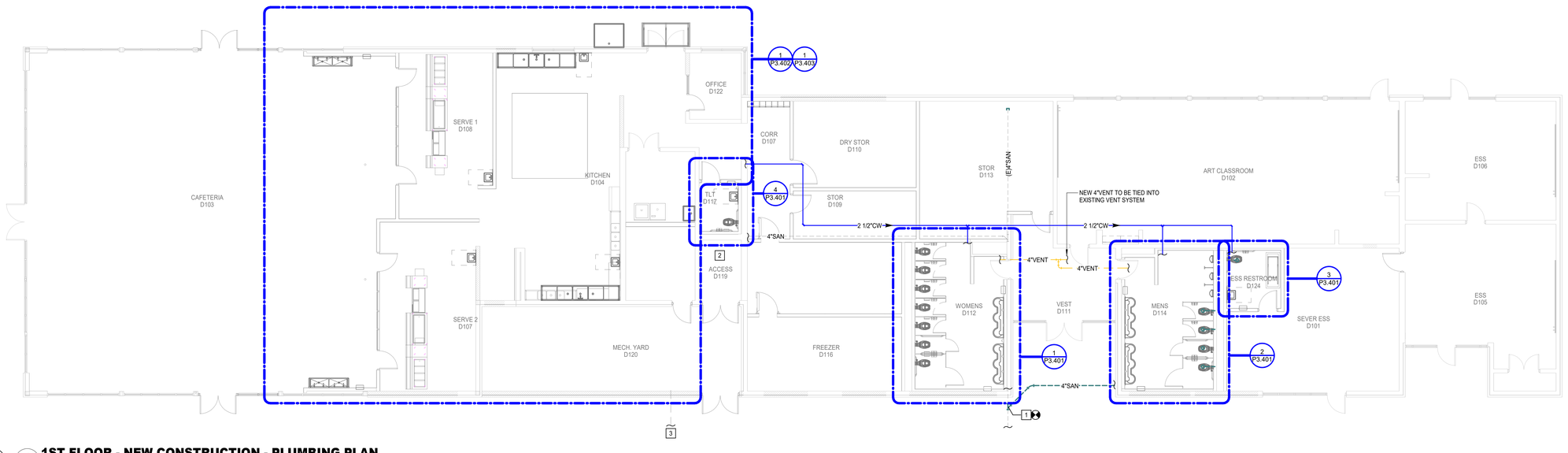
MECHANICAL DEMO FLOOR PLAN - BLDG. D

MD2.401

NOVEMBER 6, 2025

PLUMBING KEYED NOTES

1	TIE NEW 4"SAN INTO EXISTING SANITARY SYSTEM. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ELEVATION PRIOR TO CONSTRUCTION AND ENSURE NEW TIE-IN CAN BE MADE.
2	EXISTING WATER HEATER AND EXISTING CIRCULATING PUMP TO REMAIN. CONTRACTOR TO VERIFY EXISTING WATER HEATER AND EXISTING CIRCULATING PUMP ARE IN GOOD WORKING CONDITION AND COMPLIANT WITH LATEST CODE REQUIREMENTS. CONTRACTOR SHALL REPLACE ANY EQUIPMENT OR APPURTENANCES THAT ARE NOT IN GOOD WORKING CONDITION OR CODE COMPLIANT.
3	CONTRACTOR TO VERIFY LOCATION OF EXISTING GREASE INTERCEPTOR AND ENSURE IS IN GOOD WORKING CONDITION. CONTRACTOR SHALL ROD OUT ALL EXISTING GREASE WASTE PIPING AND ENSURE IS IN GOOD WORKING CONDITION AND FREE OF BLOCKAGES. CONTRACTOR TO REPLACE EXISTING GREASE INTERCEPTOR IF REQUIRED.



N

1 **1ST FLOOR - NEW CONSTRUCTION - PLUMBING PLAN**
Scale: 1/8" = 1'-0"

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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

ARCHITECT

CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f 225.216.3771

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DAVID BONAVENTURE
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PROFESSIONAL ENGINEER
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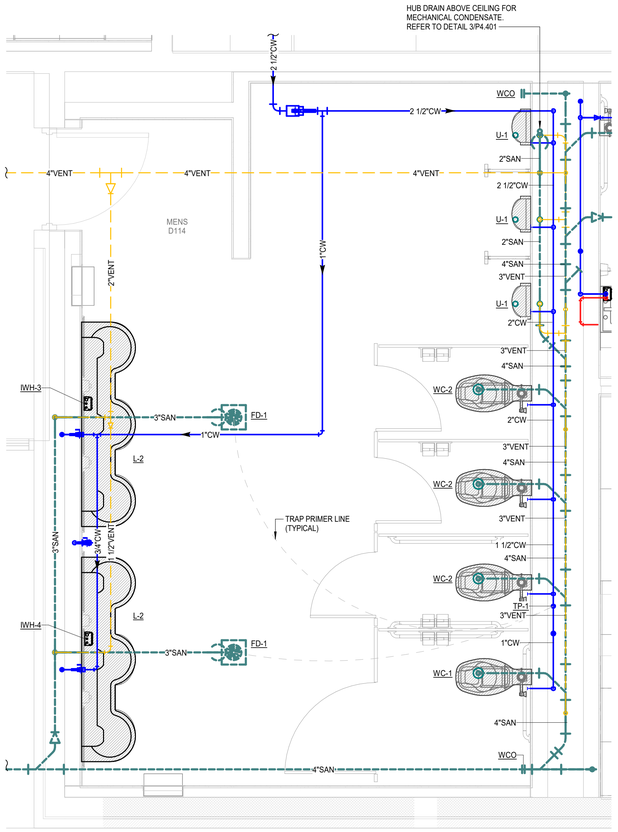
DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

PLUMBING FLOOR PLANS - BLDG. D

P2.401

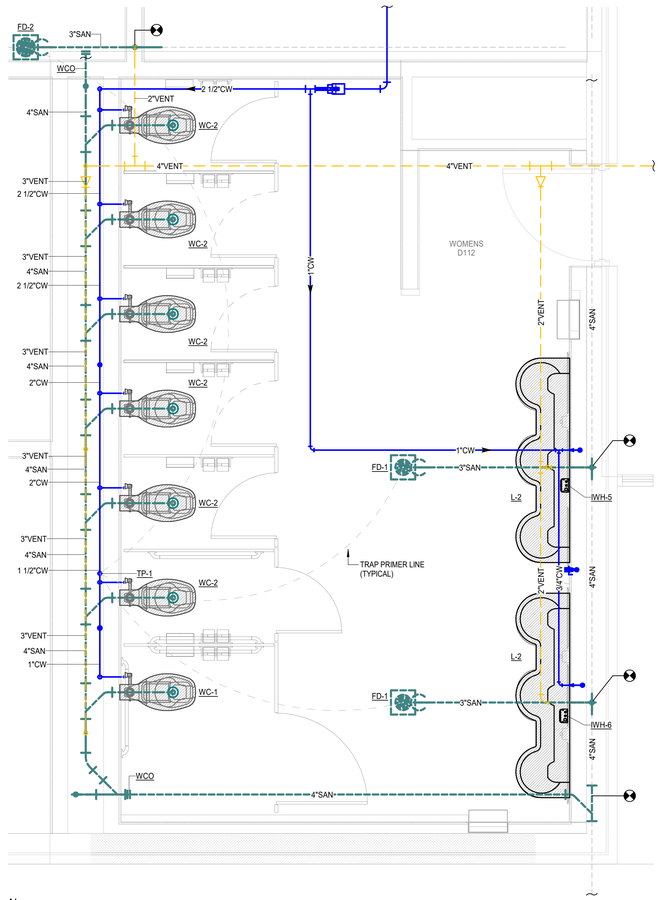
NOVEMBER 6, 2025



N

2 ENLARGED PLAN - MENS RESTROOM - PLUMBING PLAN

Scale: 1/2" = 1'-0"



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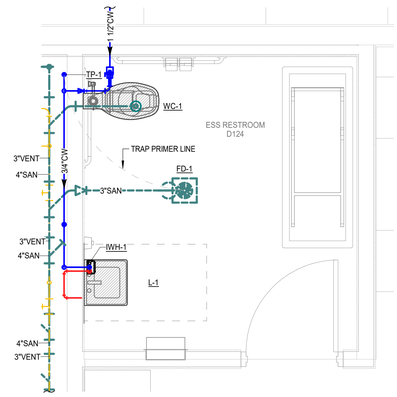
1 ENLARGED PLAN - WOMENS RESTROOM - PLUMBING PLAN

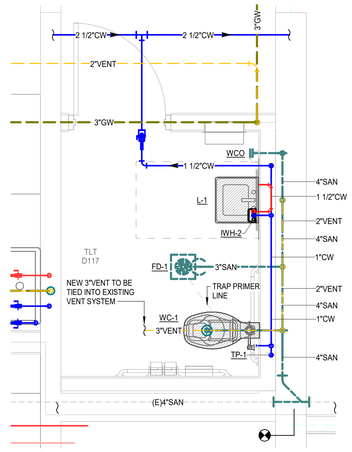
Scale: 1/2" = 1'-0"



N

3 ENLARGED PLAN - ESS RESTROOM - PLUMBING PLAN

Scale: 1/2" = 1'-0"



N

4 ENLARGED PLAN - FACULTY RESTROOM - PLUMBING PLAN

Scale: 1/2" = 1'-0"

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CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f 225.216.3771

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DAVID BONAVENTURE
License No. 31064
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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

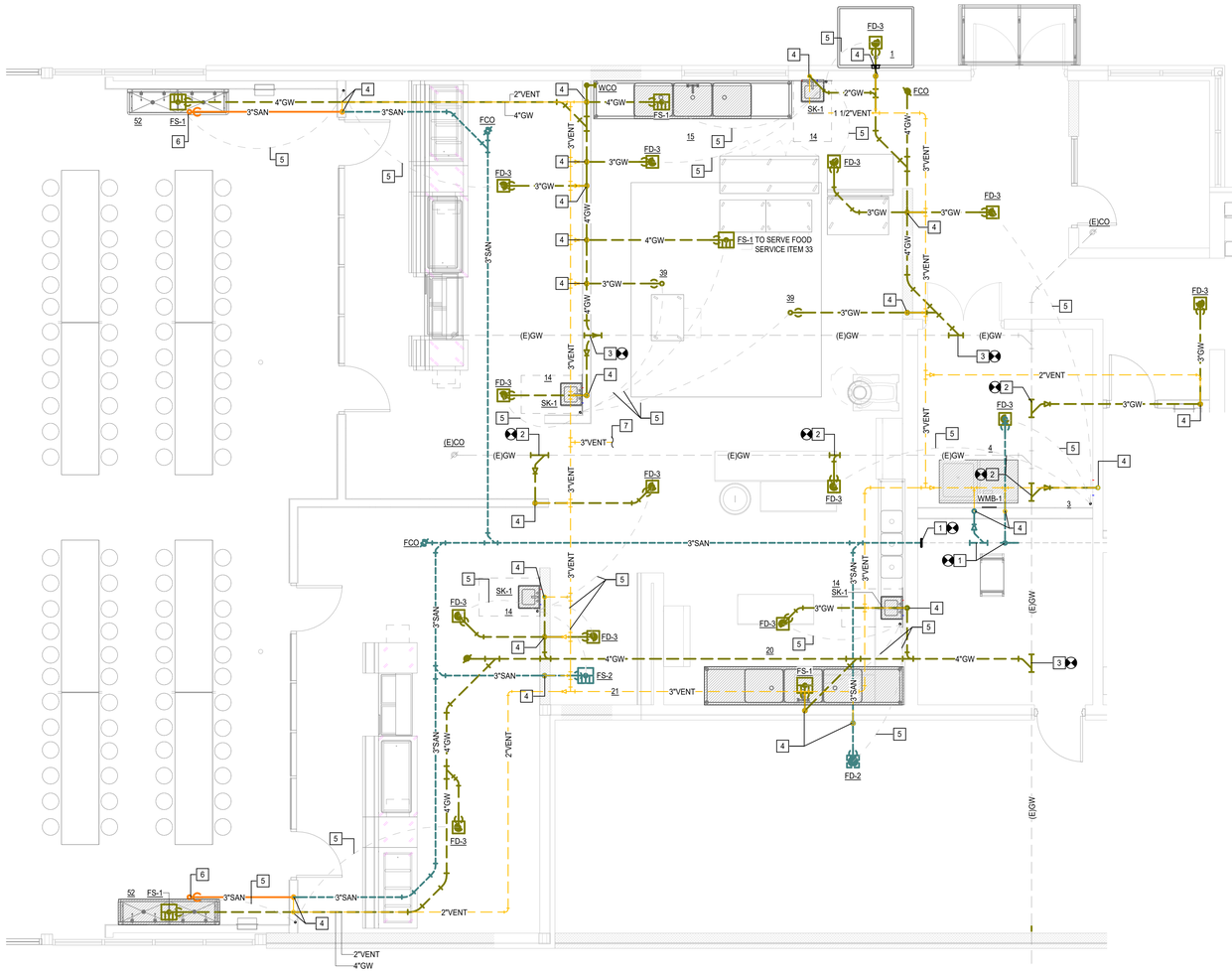
PLUMBING ENLARGED FLOOR PLANS - BLDG. D

P3.401

NOVEMBER 6, 2025

PLUMBING KEYED NOTES

1	NEW 3" SAN TO BE TIED INTO EXISTING SANITARY WASTE SYSTEM. CONTRACTOR SHALL VERIFY EXISTING SANITARY WASTE SIZE, LOCATION, DEPTH AND DIRECTION OF FLOW PRIOR TO COMMENCEMENT OF WORK. CONRTACTOR SHALL SAW CUT AS REQUIRED TO PLACE NEW WASTE LINE. CONTRACTOR TO PATCH AREAS WHERE SUW CUTTING WAS REQUIRED TO MATCH EXISTING SURFACES.
2	NEW 3" GW TO BE TIED INTO EXISTING GREASE WASTE SYSTEM. CONTRACTOR SHALL VERIFY EXISTING WASTE SIZE, LOCATION, DEPTH AND DIRECTION OF FLOW PRIOR TO COMMENCEMENT OF WORK. CONRT ACTOR SHALL SAW CUT AS REQUIRED TO PLACE NEW WASTE LINE. CONTRACTOR TO PATCH AREAS WHERE SUW CUTTING WAS REQUIRED TO MATCH EXISTING SURFACES.
3	NEW 4" GW TO BE TIED INTO EXISTING GREASE WASTE SYSTEM. CONTRACTOR SHALL VERIFY EXISTING GREASE WASTE SIZE, LOCATION, DEPTH AND DIRECTION OF FLOW PRIOR TO COMMENCEMENT OF WORK. CONRTACTOR SHALL SAW CUT AS REQUIRED TO PLACE NEW WASTE LINE. CONTRACTOR TO PATCH AREAS WHERE SUW CUTTING WAS REQUIRED TO MATCH EXISTING SURFACES.
4	NEW 2"VENT UP TO BE TIED INTO EXISTING VENT SYSTEM OR EQUAL SIZE OR GREATER.
5	TRAP PRIMER LINE.
6	HUB DRAIN ABOVE CEILING FOR MECHANICAL CONDENSATE. REFER TO DETAIL 3/P4.401
7	NEW 3"VENT TO BE TIED INTO EXISTING VENT SYSTEM.



N

1 ENLARGED PLAN - KITCHEN - WASTE AND VENT

Scale: 1/4" = 1'-0"

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CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f 225.216.3771

REGISTRATION

STATE OF LOUISIANA

DAVID BONAVENTURE
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11/06/2025

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CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

PLUMBING
ENLARGED FLOOR PLANS - BLDG. D

P3.402

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Salas O'Brien

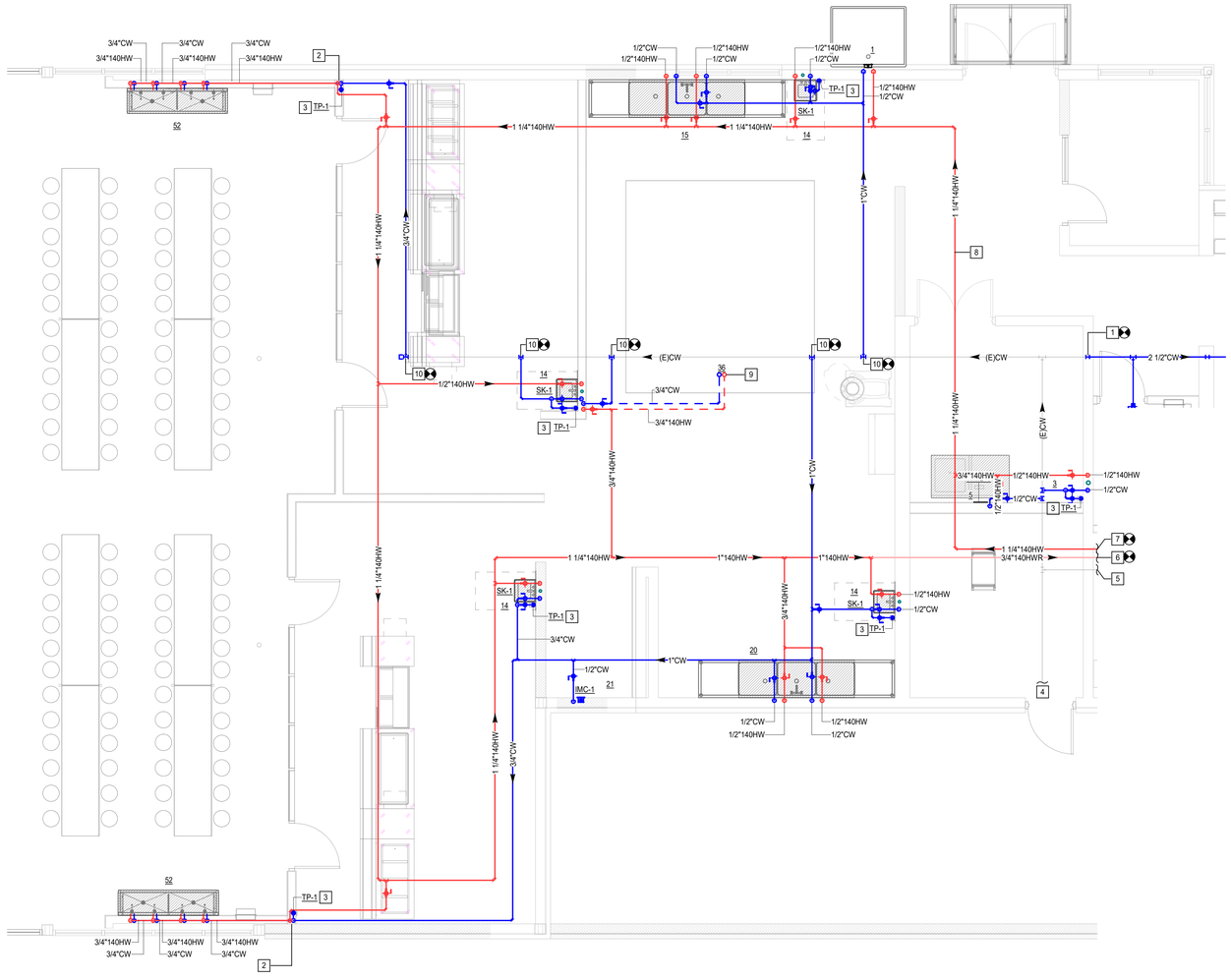
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

NOVEMBER 6, 2025

PLUMBING KEYED NOTES

1	NEW 2-1/2"CW TO BE ROUTED TO EXISTING COLD WATER SYSTEMS. CONTRACTOR TO VERIFY EXISTING SYSTEMS CAN HANDLE NEW ADDED LOAD OF 159 WFU (84 GPM) PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY IF EXISTING SYSTEM IS NOT ADEQUATE TO ACOMMODATE NEW LOAD.
2	NEW 3/4"CW AND 3/4"HW DOWN AND ROUTED INSIDE NEW HALF WALL TO SERVE NEW FAUCETS. REFER TO FOOD SERVICE DRAWINGS FOR ROUGH-IN INFORMATION.
3	NEW TRAP PRIMER (TP-1) REFER TO DETAIL 8/P4.401
4	EXISTING WATER MAIN. CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE PRIOR TO CONSTRUCTION.
5	EXISTING COLD WATER TO EXISTING WATER HEATER.
6	NEW HOT WATER RETURN TO EXISTING CIRCULATING PUMP. CONTRACTOR TO VERIFY EXISTING PUMP IS IN GOOD WORKING CONDITION AND CAPACITY IS ADEQUATE FOR NEW HOT WATER LOOP. (3 GPM @ 2 FEET OF HEAD). CONTRACTOR TO PROVIDE NEW PUMP IF REQUIRED TO HAVE A FULLY FUNCTIONAL SYSTEM.
7	NEW 1-1/4" HOT WATER TO BE TIED INTO EXISTING HOT WATER MAIN IN WATER HEATER ROOM.
8	NEW HOT WATER LOOP.
9	3/4"CW AND 3/4"HW STUB-UP TO SERVE FOOD SERVICE ITEM 36. CONTRACTOR TO COORDINATE EXACT LOCATION OF STUB-OUT WITH FOOD SERVICE DRAWINGS PRIOR TO CONSTRUCTION.
10	NEW COLD WATER CONNECTION TO BE TIED INTO EXISTING COLD WATER MAIN. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO CONSTRICTION.



N

1 **ENLARGED PLAN - KITCHEN - COLD AND HOT WATER**
Scale: 1/4" = 1'-0"

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CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f 225.216.3771

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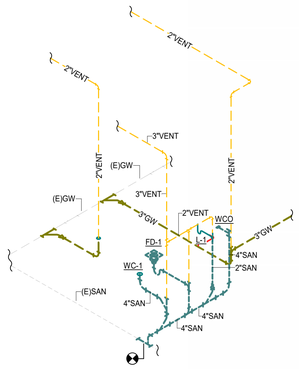
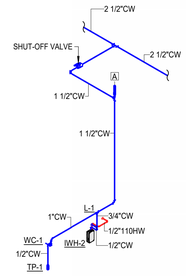
PLUMBING ENLARGED FLOOR PLANS - BLDG. D

P3.403

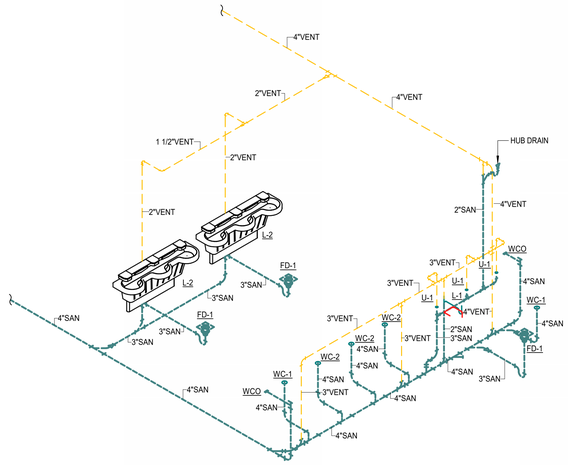
NOVEMBER 6, 2025



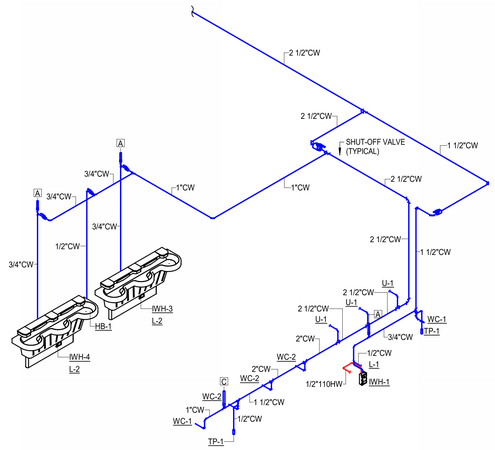
1 FACULTY RESTROOM - WASTE AND VENT RISER
Scale:



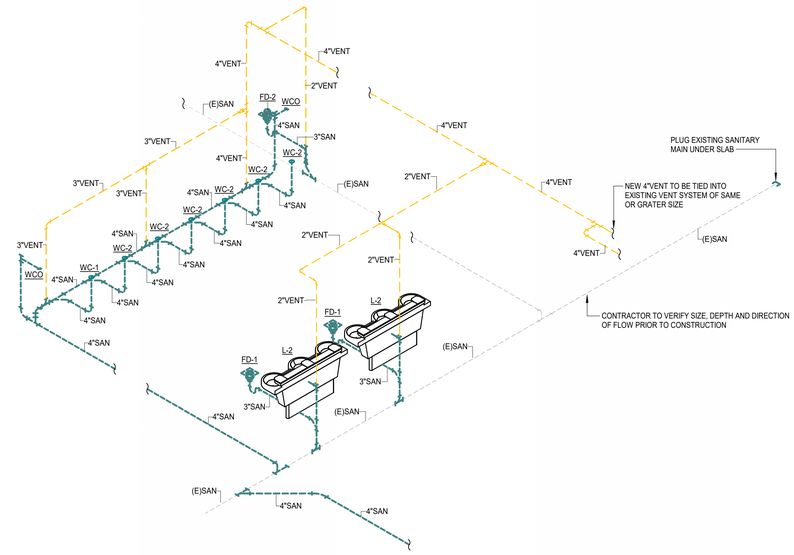
2 FACULTY RESTROOM - WATER RISER
Scale:



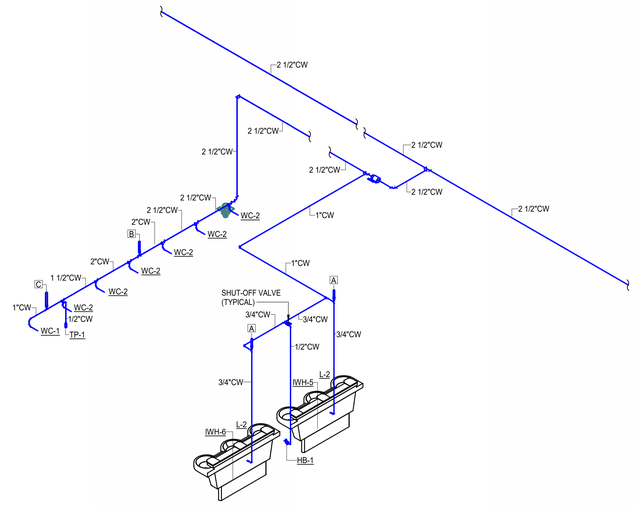
3 MEN'S D114 AND ESS RESTROOM - WASTE AND VENT RISER
Scale:



4 MEN'S D114 AND ESS RESTROOM - WATER RISER
Scale:



6 WOMEN'S D112 - WASTE AND VENT RISER
Scale:



8 WOMEN'S D112 - WATER RISER
Scale:

N

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CHASM DOMAIN
AN ARCHITECTURAL JOINT VENTURE
10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

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BUILDING D

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DA project # C24-0038
CA project # 24009
date NOVEMBER 6, 2025

PLUMBING RISERS

P3.404

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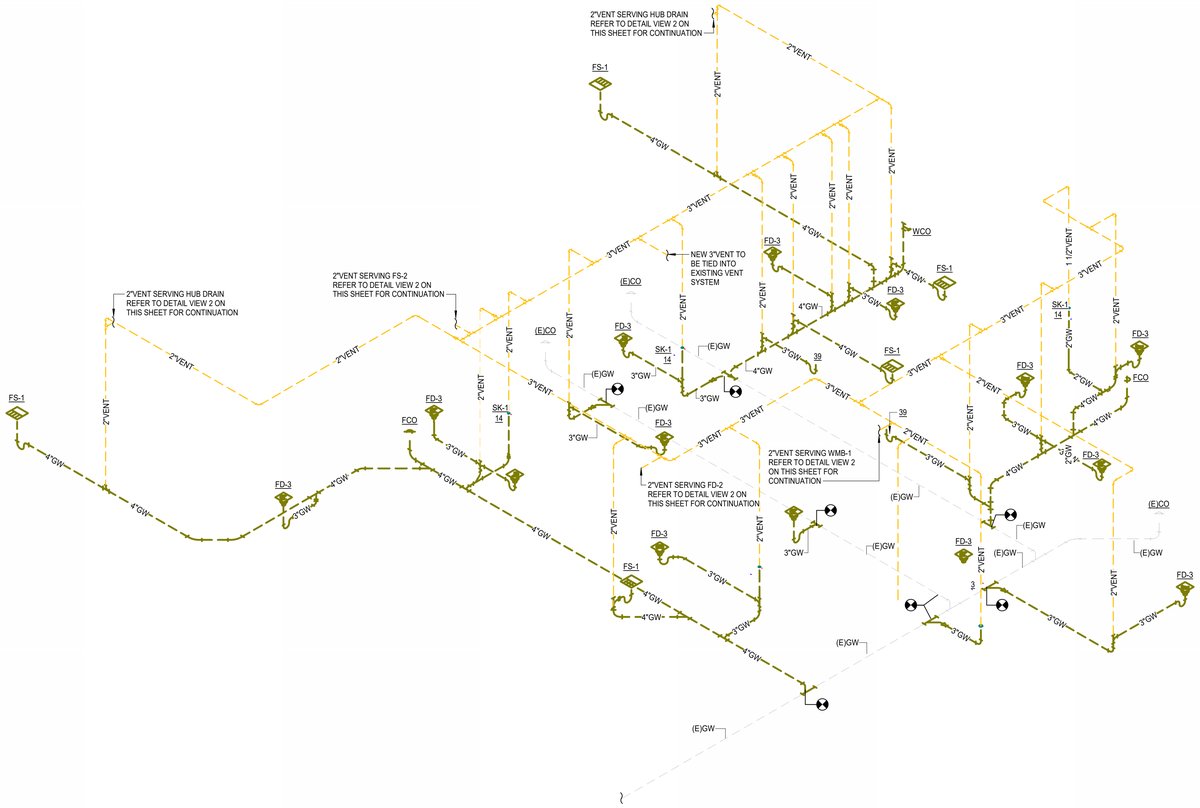
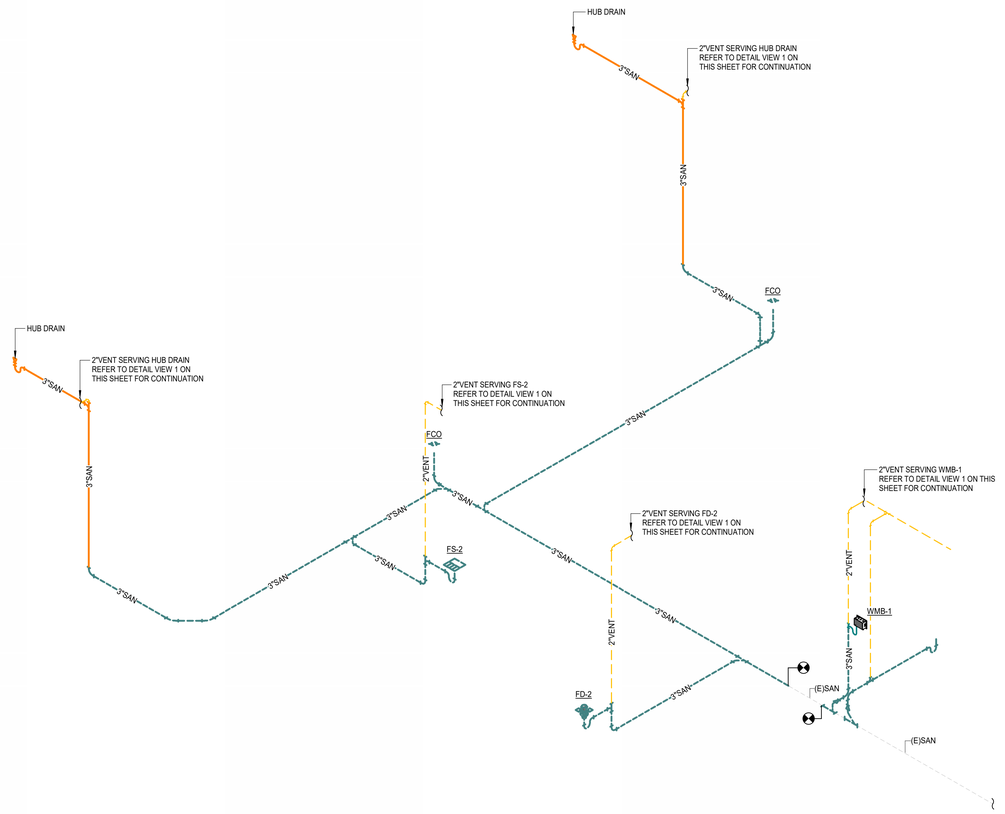


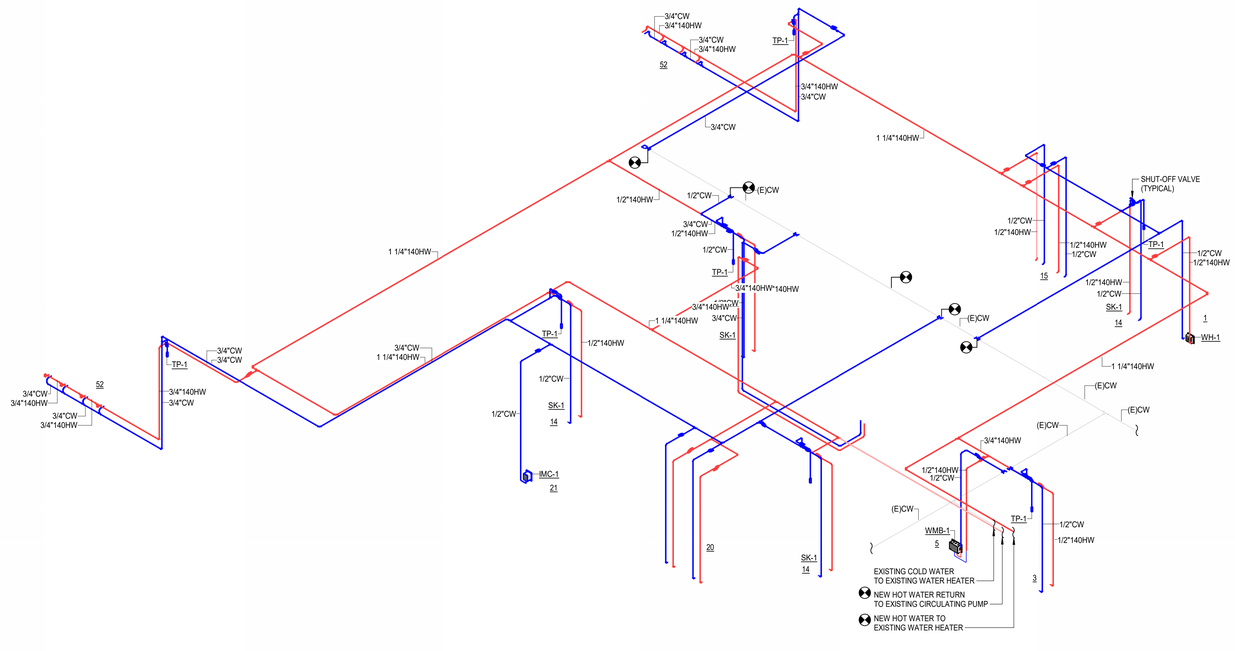


1 KITCHEN - GREASE WASTE AND VENT RISER RISER

Scale:

2 KITCHEN - SANITARY WASTE AND VENT RISER

Scale:



NOTE: CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS AS REQUIRED PER PDI STANDARDS.

3 KITCHEN - WATER RISER

Scale:

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10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f 404.305.8868
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salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
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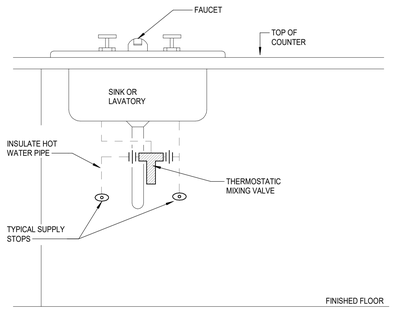
PLUMBING RISERS

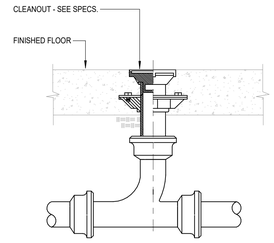
P3.405

NOVEMBER 6, 2025



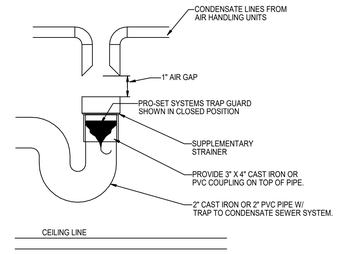
1 THERMOSTATIC MIXING VALVE AT SINK/LAVATORY DUAL TEMPERATURE

SCALE: NONE



2 FLOOR CLEANOUT

SCALE: NONE

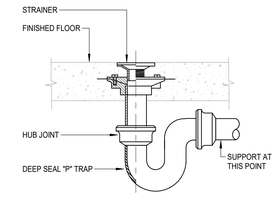


NOTES:

1. TRAP GUARD SHALL BE FACTORY FITTED TO MATCH EACH HUB DRAIN BY SIZE, MODEL, AND MANUFACTURER.
2. INSTALLATION OF TRAP GUARD TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. INSERT TRAP GUARD ONLY AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS TITE SEAL. FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.

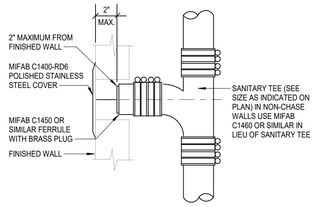
3 HUB DRAIN DETAIL

SCALE: NONE



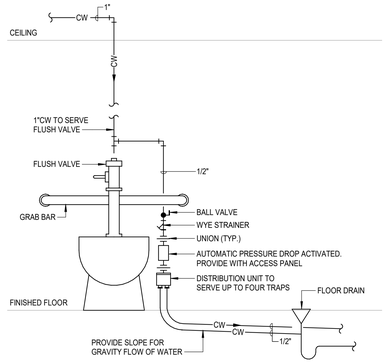
4 FLOOR DRAIN

SCALE: NONE



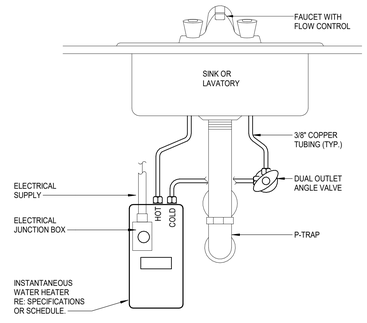
5 WALL CLEANOUT

SCALE: NONE



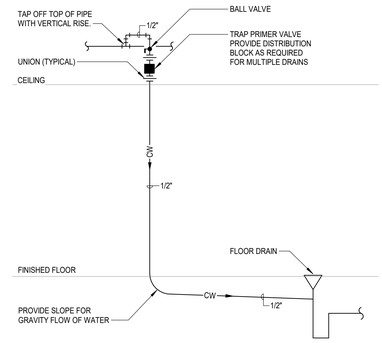
6 AUTOMATIC TRAP PRIMER DETAIL

SCALE: NONE



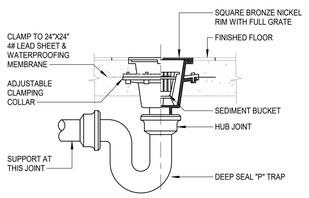
7 INSTANTANEOUS ELECTRIC WATER HEATER PIPING FOR LAVATORY

SCALE: NONE



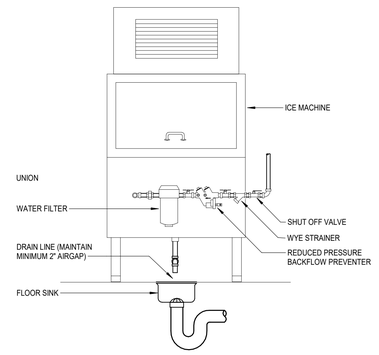
8 TRAP PRIMER

SCALE: NONE



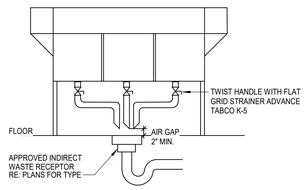
9 FLOOR SINK

SCALE: NONE



10 ICE MACHINE CONNECTION

SCALE: NONE



11 THREE COMPARTMENT SINK

SCALE: NONE

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PLUMBING DETAILS - BLDG. D

P4.401

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NOVEMBER 6, 2025

PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
SAN	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
CD	CONDENSATE DRAIN PIPING (CD)
D	CONDENSATE - INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
CW	COLD WATER PIPING (CW)
HW	HOT WATER PIPING (HW)
HWR	HOT WATER RETURN PIPING (HWR)
	FLOW DIRECTIONAL ARROW
	SHUT-OFF VALVE
BV	BALANCING VALVE (BV)
SV	SOLENOID VALVE (SV)
	BALL VALVE (BV)
	HORIZONTAL SWING CHECK
	UNION
	HORIZONTAL SWING CHECK
	REDUCER OR INCREASER
	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
CO	CLEANOUT (WALL OR CEILING) (CO)
FCO	FLOOR CLEANOUT (FCO)
ECO	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
HB	HOSE BIBB
FS	FLOOR SINK (FS)
FD	FLOOR DRAIN (FD)
	FLOOR DRAIN WITH P-TRAP (FD)
HD	HUB DRAIN (HD)
	ACCESS PANEL FOR TRAP PRIMER OR SHOCK ABSORBER
AP	ACCESS PANEL LOCATION SYMBOL
A	SHOCK ABSORBER
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL
P 1	4" VTR RISER FLAG

KITCHEN EQUIPMENT SCHEDULE

ITEM NUMBER	DESCRIPTION	INDIRECT WASTE	DIRECT DRAIN	CW	HW
1	MIXING FAUCET	-	-	1/2"	1/2"
3	MOP SINK	-	2"	1/2"	1/2"
4	CLOTHES WASHER	2"	-	1/2"	1/2"
14	HAND SINK	-	1-1/2"	1/2"	1/2"
15	PREP COUNTER WITH SINK	2"	-	1/2"	1/2"
20	3-COMPARTMENT SINK	2"	-	1/2"	1/2"
21	ICE MACHINE	-	-	1/2"	-
33	DOUBLE CONVECTION STEAMERS	1"	-	-	-
36	UTILITY DISTRIBUTION SYSTEM	-	-	3/4"	3/4"
39	FLOOR TROUGHS	-	3"	-	-
52	STUDENT HAND WASH SINK	2"	-	1/2"	1/2"

NOTES:
1. REFER TO FOOD SERVICE DRAWINGS FOR ROUGH-IN NOTES.
2. ALL EQUIPMENT REQUIRING WATER CONNECTIONS SHALL BE PROVIDED WITH CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS, WALL ESCUTCHEONS AND CHROME PLATED FLEXIBLE RISERS AND/OR ANY OTHER ACCESSORIES OF SIZE REQUIRED TO HAVE A PROPERLY OPERATIONAL FIXTURE.
3. ALL INDIRECT DRAINS SHALL BE PROVIDED WITH A 2" AIR GAP.

SHOCK ARRESTOR SCHEDULE

P.D.I. SYMBOLS:	FIXTURE UNITS:	THREADED CONNECTION	CERTIFICATION
A	1 - 11	1/2"	ASSE 1010
B	12 - 32	3/4"	ASSE 1010
C	33 - 60	1"	ASSE 1010
D	61 - 113	1"	ASSE 1010
E	114 - 154	1"	ASSE 1010
F	155 - 330	1"	ASSE 1010

INSTANTANEOUS WATER HEATER SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	WH Temperature Rise Per 0.5 GPM	WH Output Water Temperature	ELECTRICAL CHARACTERISTICS V	P	KW	REMARKS
IWH-1	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	
IWH-2	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	
IWH-3	EEMAX	SPEX4208T	40 °F	110 °F	208	1	4	
IWH-4	EEMAX	SPEX4208T	40 °F	110 °F	208	1	4	
IWH-5	EEMAX	SPEX4208T	40 °F	110 °F	208	1	4	
IWH-6	EEMAX	SPEX4208T	40 °F	110 °F	208	1	4	

PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION
IMC-1	DESCRIPTION: ICE MACHINE CONNECTION. WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER AND WATER FILTER. WATTS 1/2" 007-S BACKFLOW PREVENTER AND AQUA-PURE AP510 FILTER. ROUTE BACKFLOW PREVENTER DISCHARGE TO FLOOR SINK SERVING ICE MACHINE. ROUGH-INS: 3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT, FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECT/CASEWORK DRAWINGS.
DRAINAGE FIXTURE (CO, FD, FS, HD, TD)	
FCO	DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER. WADE 6000-153. FOR CARPETED FLOORS PROVIDE WADE 6000-CM.
FD-1	DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-MR6. TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE). ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.
FD-2	SERVICE: MECHANICAL ROOM. DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 7" DIAMETER STAINLESS STEEL STRAINER WITH EXTENDED RIM AND VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-ER7. TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE). ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.
FD-3	SERVICE: KITCHEN AREA CLEANUP DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, 8" DIAMETER STAINLESS STEEL STRAINER, 6" DEEP SUMP, A.R.E. INTERIOR, SEDIMENT BUCKET. WADE 9010-27-SS. TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE). ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL / KITCHEN CONSULTANT DRAWINGS.
FS-1	SERVICE: KITCHEN INDIRECT WASTE DESCRIPTION: CAST IRON 12" SQUARE FLOOR SINK WITH 8" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER, STAINLESS STEEL TOP, AND CLAMPING DEVICE. WADE 9140-15-27-26-SS. TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE). ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL / KITCHEN CONSULTANT DRAWINGS.
FS-2	SERVICE: ICE MACHINE DRAIN DESCRIPTION: CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER, 1/2 STAINLESS STEEL TOP, CLAMPING DEVICE. WADE 9110-15026-27-SS. TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE). ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS / EQUIPMENT PLACEMENT.
WCO	DESCRIPTION: WALL CLEANOUT. CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/PLUG AND ROUND STAINLESS COVER PLATE WITH CENTER SECURING SCREW. WADE 8550 WITH 8480-R6. PROVIDE WADE 8560 CAST IRON CLEANOUT TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION.
HOSE BIBB (HB)	
HB-1	DESCRIPTION: HOSE BIBB, FREEZELESS, CHROME PLATED BRASS FINISH WITH ANTI-SIPHON VACUUM BREAKER. INSTALL WITH BOTTOM OF HYDRANT 24" A.F.F. WOODFORD MODEL 30. ROUGH-INS: 3/4" COLD WATER
HYDRANTS (HB, RH, WH)	
WH-1	SERVICE: CAN WASH - HOT AND COLD WATER DESCRIPTION: WALL HYDRANT, CONCEALED BOX TYPE, 3/4" NON-FREEZE, DUAL CHECK BACKFLOW PREVENTOR, CHROME PLATED BRASS FINISH WITH ANTI-SIPHON VACUUM BREAKER AND LOOSE TEE KEY. INSTALL WITH BOTTOM OF BOX 24" A.F.F. WADE 8609HC-89. ROUGH-IN: 3/4" HOT AND COLD WATER
LAVATORY (L)	
L-1	DESCRIPTION: LAVATORY, WALL HUNG, WHITE VITREOUS CHINA, 21-1/4" X 18 1/4 " BOWL WITH FRONT OVERFLOW, CONCEALED ARM SUPPORTS, AND THREE HOLES ON 4" CENTERS. AMERICAN STANDARD "LUCERNE" 0355.012. FAUCET: DECK MOUNTED FAUCET WITH 4 " SPOUT, 4" WRIST BLADE HANDELS, 4" CENTER SET WITH LESS POP-UP DRAIN, AND 0.5 GALLONS PER MINUTE FLOW RATE . AMERICAN STANDARD MONTERREY 5500.175. CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08. ENCLOSURE: ADA-COMPLIANT UNDERSINK PROTECTION CONCEALING IWH AND CONNECTIONS. IPS LAV SHIELD PROTECTIVE LAVATORY ENCLOSURE MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 10.5 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. STAINER: 1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN STRAINER: WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE 155WC. P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872. SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165. ROUGH-INS: 2" WASTE, 2" VENT 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED MOUNTING HEIGHTS. PROTECTIVE ENCLOSURE: RIGID ENCLOSURE TO COMPLY WITH ADA REQUIREMENTS AND CONCEALS FAUCET COMPONENTS, MIXING VALVES. TRUEBRO LAV SHIELD OR ZURN Z6900-VG. ARCHITECT TO DETERMINE COLOR.

PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION
L-2	DESCRIPTION: ADA COMPLIANT LAVATORY SYSTEM, HARD-WIRED SENSOR OPERATED, 30" CENTERS, 120VAC/12VDC PLUG-IN ADAPTER. PROVIDE WITH BUILT-IN SOAP DISPENSER . BRADLEY CORP "EXPRESS" MG3-IR-LSD. FAUCET: PREASSEMBLED SPRAYHEAD IN LAVATORY SYSTEM. MIXING: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W P-TRAP: 1-1/4"x1-1/2" 17-GAUGE CAST BRASS ADJUSTABLE TRAP WITH PLUG CLEANOUT, SLIP NUT AND STEEL SHALLOW FLANGE. McGUIRE 8902C. PROVIDE WITH TRUEBRO LAVGUARD PIPE INSULATION. SUPPLIES: FLEXIBLE CHROME PLATED SUPPLY RISERS, CHROME PLATED WALL EXTENSIONS, 1/4 TURN ANGLE STOPS. McGUIRE LFBV2-2165CCC CARRIER: SUPPORT FRAME INCLUDED WITH LAVATORY SYSTEM. ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.
SINK (HS, SK)	
SK-1	DESCRIPTION: SPECIFIED BY FOOD SERVICE. FAUCET: SPECIFIED BY FOOD SERVICE. MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 10.5 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. STRAINER: HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2" TAILPIECE AND LOCK NUTS. MCGUIRE 151A. P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912. SUPPLIES: /2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165. ROUGH-INS: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.
TRAP PRIMER (TP)	
TP-1	DESCRIPTION: AUTOMATIC PRESSURE DROP ACTIVATED. BRASS CONSTRUCTION, WITH STAINLESS STEEL MESH SCREEN. PROVIDE ACCESS PANEL. PPP MODEL PR-500. ROUGH-IN: INSTALL PER MANUFACTURER RECOMMENDATIONS.
URINAL (U)	
U-1	DESCRIPTION: URINAL, ADA COMPLIANT, WALL HUNG, WHITE VITREOUS CHINA, 1.0 GALLON PER FLUSH SIPHON JET ACTION, INTEGRAL TRAP. AMERICAN STANDARD "TRIMBROOK" 6561.017. FLUSH VALVE: 1.0 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED URINAL FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD, HARDWIRED 24V. SLOAN 186 ESS-1.0 CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. WADE 401-AM1-M36. ROUGH-IN: 2" WASTE, 2" VENT, 3/4" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.
WASHING MACHINE BOX (WMB)	
WMB-1	DESCRIPTION: WASHING MACHINE DRAIN BOX, 20 GAUGE STEEL BOX WITH WHITE POWDER COAT FINISH, MALE IRON PIPE WATER SUPPLY CONNECTIONS AND DRAIN FITTING. PROVIDE HAMMER ARRESTOR AT BOTH HOT AND COLD WATER HOSE THREADS. GUY GRAY T-200 (36" - 42" AFF). ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER
WATER CLOSET (WC)	
WC-1	DESCRIPTION: FLOOR MOUNTED, ADA COMPLIANT, VITREOUS CHINA, 1.28 GPF, ELONGATED BOWL, 1-1/2" TOP SPUD. AMERICAN STANDARD "MADERA" 3461.001 SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT. FLUSH VALVE: 1.6 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, HARDWIRED 24V. SLOAN 111 ESS ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER.
WC-2	DESCRIPTION: FLOOR MOUNTED, STANDARD HEIGHT, VITREOUS CHINA, TOP SPUD, 1.28 GPF, ELONGATED BOWL. AMERICAN STANDARD "MADERA" 3451001 SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT. FLUSH VALVE: 1.6 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, HARDWIRED 24V. SLOAN 111 ESS ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER.
SCULLERY SINKS	ALL NEW SCULLERY SINKS ARE BEING SPECIFIED BY FOOD SERVICE, REFER TO FLOOR PLANS FOR LOCATION. DESCRIPTION: SPECIFIED BY FOOD SERVICE. FAUCET: SPECIFIED BY FOOD SERVICE STRAINER: ROTARY LEVER OPERATED DRAIN FITTINGS, EACH WITH STAINLESS STEEL PERFORATED GRID STRAINER AND 2" IPS DRAIN OUTLET. (3) ADVANCE TABCO K-5. SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165. ROUGH-IN: 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS AND FOOD SERVICE DRAWINGS FOR HEIGHT REQUIREMENTS. REFER TO PLUMBING PLANS FOR LOCATION AND TYPE OF INDIRECT DRAINAGE RECEPTOR, SPECIFIED SEPARATELY.

GENERAL NOTES

ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER (UNLESS NOTED TO BE COLD WATER ONLY) TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON (UNLESS NOTED TO BE AN ACID WASTE FIXTURE). REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE ADA ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.

PROVIDE ALL FLOOR DRAINS AND FLOOR SINKS WITH AUTOMATIC TRAP PRIMER. CONTRACTOR SHALL VERIFY EXISTING DRAIN TRAP PRIMERS AND PROVIDE NEW ONE IF REQUIRE.

PROVIDE WATER HAMMER ARRESTOR AS REQUIRED PER PDI STANDARDS.

REFER TO BOOK SPECIFICATION FOR A LIST OF APPROVED EQUAL MANUFACTURERS THAT CAN BE SUBMITTED IN LIEU OF THE MANUFACTURERS AND MODEL NUMBERS OF THE FIXTURES AND EQUIPMENT LISTED IN THE ABOVE FIXTURE SCHEDULE.

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

STATE OF LOUISIANA

DAVID BONAVENTURE
License No. 31064

PROFESSIONAL ENGINEER

11/06/2025

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CLIENT

RENOVATION AND ADDITION TO
McKINLEY SENIOR HIGH SCHOOL
BUILDING D

800 EAST McKINLEY STREET
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF DAVID BONAVENTURE, P.E. 31064 ON NOVEMBER 6, 2025 IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

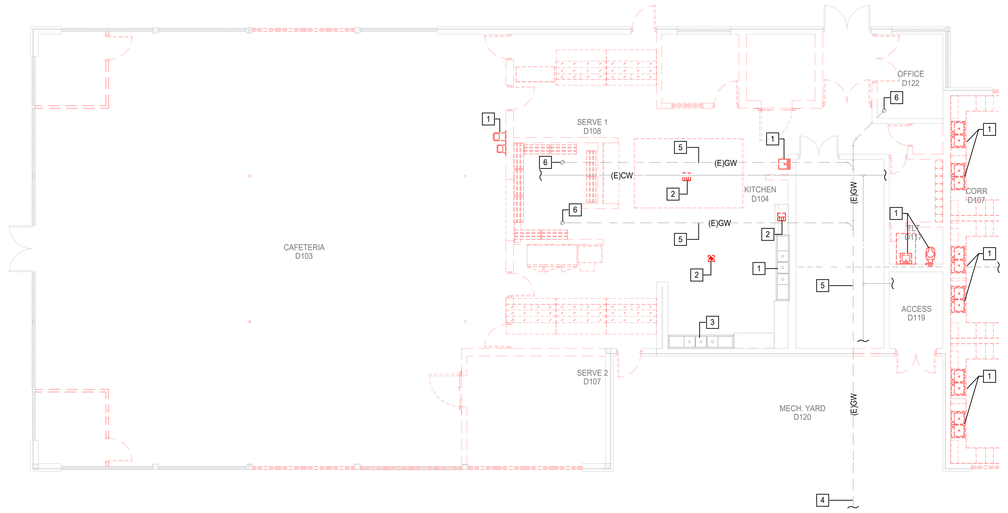
DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

PLUMBING SCHEDULES - BLDG. D

P5.401



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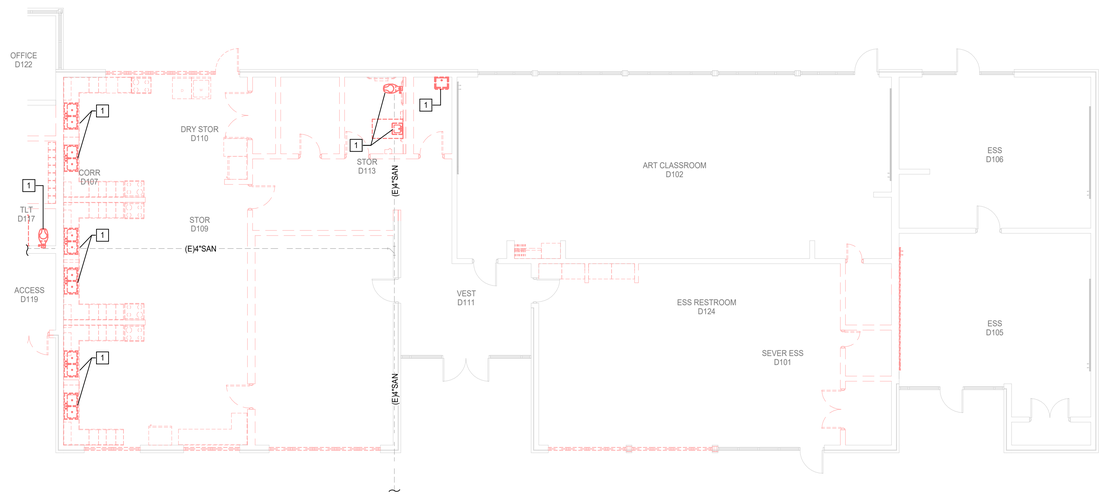
2 1ST FLOOR - DEMO - WEST - BLDG D - PLUMBING PLAN

Scale: 1/8" = 1'-0"



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1 1ST FLOOR - DEMO - EAST - BLDG D - PLUMBING PLAN

Scale: 1/8" = 1'-0"

FIRE SPRINKLER SYSTEM NOTES

A. EXISTING FIRE SPRINKLER SYSTEM TO BE MAINTAINED IN FULL OPERATING ORDER FOR ENTIRE BUILDING AT ALL TIMES. LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND HYDRAULIC CALCULATIONS FOR CHANGES TO EXISTING SYSTEM AND TO COMPLY WITH NEW SPACE LAYOUT, NFPA 13, ALL STATE AND LOCAL REQUIRMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. REFER TO SPECIFICATIONS FOR PIPE MATERIALS.

PLUMBING GENERAL NOTES

1. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
2. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
3. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
4. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
5. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
6. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
7. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
8. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
9. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
10. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
11. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
12. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
13. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
14. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.
15. ALL EXISTING PLUMBING INFORMATION SHOWN TAKEN FROM EXISTING DRAWINGS AND SITE VISITS. CONTRACTOR TO VERIFY ALL EXISTING INFORMATION INCLUDING SIZE, INVERT, DIRECTION OF FLOW, ETC. BEFORE PROCEEDING WITH ANY NEW WORK. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
16. RESTORE FIXTURES AND CLEAN. THIS SHALL INCLUDE RESTORATION OF ALL FIXTURES PARTS READILY AND NON-READILY ACCESSIBLE COMPONENTS, INCLUDING ALL HARDWARE AND SEALS AS REQUIRED FOR SATISFACTORY OPERATION AND COMPLETENESS. THIS ALSO SHALL INCLUDE CLEANING THE EXTERIOR OF ALL EXPOSED PIPING TO LIKE NEW CONDITION AND PAINTING OF VITREOUS CHINA EXPOSED SURFACES AS NEEDED TO RESTORE TO ORIGINAL MANUFACTURER'S CONDITION. THE CONTRACTOR MAY OPT TO REPLACE ANY FIXTURE OR PIPING WITH A LIKE APPROVED/SUBMITTED ITEM.
17. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.

PLUMBING KEYED NOTES

1	REMOVE PLUMBING FIXTURE AND ALL RELATED APPURTENANCES. EXISTING WATER PIPING SHALL BE DEMOLISHED BACK TO MAIN TO AVOID STAGNANT WATER IN SYSTEM. SANITARY AND VENT PIPING SHALL BE DEMOLISHED TO BEHIND WALL, PLUGGED AND ABANDONED IN PLACE.
2	EXISTING DRAIN TO BE DEMOLISHED. CONTRACTOR TO PLUG EXISTING WASTE PIPE BELOW SLAB AND ABANDON IN PLACE. PATCH SLAB TO MATCH EXISTING SURFACES.
3	EXISTING 3-COMPARTMENT SINK TO BE DEMOLISHED. CONTRACTOR TO PREPARE WATER LINES FOR NEW CONNECTIONS. CONTRACTOR TO MODIFY EXISTING WASTE PIPE BELOW SLAB AS REQUIRED TO RPOVIDE NEW FLOOR SINK.
4	EXISTING GREASE WASTE MAIN TO EXISTING GREASE INTERCEPTOR. CONTRACTOR TO VERIFY LOCATION, SIZE AND CONDITION OF EXISTING GREASE INTERCEPTOR PRIOR TO CONSTRUCTION AND DETERMINE IF THE INTERCEPTOR IS IN GOOD WORKING CONDITION, CONTRACTOR SHALL PROVIDE A NEW GREASE INTERCEPTOR IF REQUIRED TO HAVE A FULLY FUNCTIONAL SYSTEM.
5	EXISTING GREASE WASTE MAIN, CONTRACTOR TO VERIFY LOCATION, SIZE, DEPTH AND DIRECTION OF FLOW PRIOR TO CONSTRUCTION. CONTRACTOR TO ENSURE WASTE MAIN IS FREE OF BLOCKAGES AND IN GOOD CONDITION PRIOR TO CONSTRUCTION.
6	EXISTING CLEANOUT TO REMAIN.

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a
baton rouge, la 70810
t: 225.927.1008 f: 404.305.8868
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

11/06/2025

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Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00603

DA project #	C24-0038
CA project #	24009
date	NOVEMBER 6, 2025

PLUMBING DEMO 1ST FLOOR PLAN - BLDG. D

PD2.401

NOVEMBER 6, 2025

ABBREVIATIONS

@	AT
A/C	AIR CONDITIONING
AFCI	ARCH FAULT CIRCUIT INTERRUPTER
AMP	AMPS/AMPERAGE
ABV CLG	ABOVE CEILING
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECTURAL)
ATS	AUTOMATIC TRANSFER SWITCH
BD	BOARD
BKBD	BACKBOARD
BLDG	BUILDING
C	CONDUIT
CKT	CIRCUIT
CL	CURRENT LIMITING
CLG	CEILING
COND	CONDUCTOR
CB	CIRCUIT BREAKER
CBS	CENTRAL BATTERY SYSTEM
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
CWP	COLD WATER PIPE
DB	DIRECT BURIAL
DN	DOWN
DIST	DISTRIBUTION
DPDT	DOUBLE POLE - DOUBLE THROW
DPST	DOUBLE POLE - SINGLE THROW
(E)	EXISTING
EA	EACH
EC	EMPTY CONDUIT
EGC	EQUIPMENT GROUNDING CONDUCTOR
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METAL TUBING
EPA	EFFECTIVE PROJECTION AREA
EWC	ELECTRIC WATER COOLER
EXT	EXTERIOR
F	FUSE, FUSIBLE
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FL	FLOOR
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
FTL	FEED-THROUGH LUGS
G	GROUNDING ELECTRODE CONDUCTOR, EQUIPMENT GROUNDING CONDUCTOR
GF, GFI, GFCI	GROUND FAULT CURRENT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HP	HORSEPOWER
HVAC	HEATING/VENTILATION/AIR CONDITIONING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
J-BOX, JB	JUNCTION BOX
kCMIL, KCM	KILO CIRCULAR MILS
KVA	KILOVOLTAMPERES
KW	KILOWATT
LCP	LIGHTING CONTROL PANEL
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LGT, LTG	LIGHTING
MAN	MANUFACTURER
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MEZZ	MEZZANINE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG HT	MOUNTING HEIGHT
MTS	MANUAL TRANSFER SWITCH
N	NEUTRAL
N-1	NEMA-1
N-3R	NEMA-3R
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NF	NON-FUSED
NL	NIGHTLIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
P	POLE
PF	POWER FACTOR
PH OR Ø	PHASE
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
R	RACEWAY
RGS	RIGID GALVANIZED STEEL
RTG	RATING
SCH	SCHEDULE
SFB	SUB-FEED BREAKER
SN	SOLID NEUTRAL
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE - DOUBLE THROW
SPST	SINGLE POLE - SINGLE THROW
SS	SPECIAL SYSTEMS
SW	SWITCH
SWBD	SWITCHBOARD
TEL	TELEPHONE
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE/VOLTS
VA	VOLT-AMPERE
W	WIRE
W/	WITH
WP	WEATHER-PROTECTED
XFMR	TRANSFORMER

ELECTRICAL SYMBOL SCHEDULE

SYMBOL	DESCRIPTION
	LUMINAIRE - SURFACE MOUNTED OR SUSPENDED
	LUMINAIRE - RECESSED IN CEILING
	LUMINAIRE - WALL OR BRACKET
	LUMINAIRE - RECESSED IN CEILING, SURFACE MOUNTED, OR SUSPENDED
	LUMINAIRE - POLE MOUNTED SINGLE AND DOUBLE MOUNTED
	TRACK FIXTURE WITH FIXTURE HEADS
	LUMINAIRE - EMERGENCY
	EXIT LIGHT CEILING MTD. ARROWS AS NOTED. SHADING DENOTES SIDE WITH FACE.
	EXIT LIGHT WALL MTD. ARROWS AS NOTED. SHADING DENOTES SIDE WITH FACE.
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS.
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS AND EXIT SIGN.
# $_{FX,a}$	"X" DENOTES LUMINAIRE TYPE PER SCHEDULE; "a" DENOTES SWITCH CONTROL (TYP. FOR ALL LUMINAIRES). NUMBER INDICATES BRANCH CIRCUIT. PROVIDE WIRING AS NECESSARY.
S_{OS}	SWITCH WITH OCCUPANCY SENSOR, WALL MOUNT AT 48" UNLESS NOTED.
S_{OS2}	DUAL SWITCH WITH OCCUPANCY SENSOR, WALL MOUNT AT 48" UNLESS NOTED.
S_{LV}	TOGGLE SWITCH WITH 0-10V DIMMING CAPABILITY AT 48" UNLESS NOTED.
S_D	DIMMER SWITCH AT 48" UNLESS NOTED. DIMMER SHALL BE COMPATIBLE WITH FIXTURE(S) CONTROLLED.
S_2	TOGGLE SWITCH, DOUBLE POLE - SINGLE THROW.
S_3	TOGGLE SWITCH, THREE-WAY AT 48" UNLESS NOTED.
S_4	TOGGLE SWITCH, FOUR-WAY AT 48" UNLESS NOTED.
S_M	MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD ELEMENT
S_{TM}	TOGGLE SWITCH WITH DIGITAL TIMER AT 48" UNLESS NOTED.
S_a	TOGGLE SWITCH AT 48" UNLESS NOTED, SUBSCRIPT INDICATES DEVICE CONTROLLED.
O	OCCUPANCY SENSOR, CEILING MOUNT
P	PHOTOELECTRIC CONTROL
#	DUPLEX RECEPTACLE (20A, 125V, 3W, GROUNDING TYPE) AT 18" UNLESS NOTED. NUMBER INDICATES BRANCH CIRCUIT. PROVIDE WIRING AS NECESSARY.
	SAME AS BUT WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER
WP	SAME AS BUT WEATHER PROTECTED WHILE-IN-USE.
EWC	SAME AS BUT CONCEALED BEHIND ELECTRIC WATER COOLER
USB	DUPLEX RECEPTACLE (20A, 125V, 3W, GROUNDING TYPE) WITH TWO (2) TYPE A USB PORTS AT 18" UNLESS NOTED.
	QUADRUPLEX RECEPTACLE AT 18" UNLESS NOTED. -(2 DUPLEX RECPT. WITH SINGLE COVER PLATE)
	DUPLEX RECEPTACLE-CEILING MOUNTED
	SPECIALTY RECEPTACLE AT 18" UNLESS NOTED, REFER TO NOTE FOR NEMA DESIGNATION.
	SPECIALITY RECEPTACLE, CEILING MOUNTED REFER TO NOTE FOR NEMA DESIGNATION.
TV	DUPLEX RECEPTACLE FOR TV - REFER TO ELEVATIONS FOR MOUNTING HEIGHT
P	PULL BOX
C	CONTACTOR
J	JUNCTION BOX
J	LIGHTING JUNCTION BOX. CONTRACTOR SHALL PROVIDE WIRING AND MAKE CONNECTIONS NECESSARY TO CONNECT EACH FIXTURE IN ROOM AREA.
	DATA OUTLET AT 18" UNLESS NOTED - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
4	DATA OUTLET AT 18" UNLESS NOTED - PROVIDE RECESSED OUTLET BOX WITH QUAD RING AND 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
AV	AV OUTLET AT MOUNTING HEIGHT PER ELEVATIONS - PROVIDE RECESSED OUTLET BOX WITH QUAD RINGAND 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
	DATA OUTLET CEILING MOUNTED - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
AC	ACCESS CONTROL - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
DC	DOOR CONTACT - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
	CAMERA - PROVIDE RECESSED OUTLET BOX W/ 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
	PANELBOARD/DISTRIBUTION BOARD SURFACE MOUNTED OR RECESSED IN WALL.
T	TRANSFORMER
M	POWER METER
CT	CURRENT TRANSFORMER
CB	CIRCUIT BREAKER
R	RELAY
	MAGNETIC STARTER
	DISCONNECT OR SAFETY SWITCH
	STARTER DISCONNECT
	6-BUTTON LIGHTING CONTROL STATION AT 48" UNLESS NOTED.
	MOTOR
VFD	VARIABLE FREQUENCY DRIVE
	COMBINATION POWER/DATA FLOOR BOX WITH 1 , REFER TO SS PLANS FOR DATA REQUIREMENTS.
	COMBINATION POWER/DATA FLOOR BOX WITH 1 , REFER TO POWER PLANS FOR POWER REQUIREMENTS.
	POWER FLOOR BOX WITH 1
	COMBINATION POWER/DATA FLOOR BOX WITH 2 AND 1
	REMOTE POWER SUPPLY/TRANSFORMER
	NUMBER OF TICK MARKS INDICATES NUMBER OF CURRENT CARRYING CONDUCTORS (NOT INCLUDING EGC)
	RACEWAY TURN DOWN
	RACEWAY TURN UP
HB1:2	RACEWAY-HOMERUN CIRCUIT "2" TO PANEL "HB1" (ARROWS DENOTECIRCUITS)
	RACEWAY ROUTED CONCEALED OVERHEAD OR IN WALLS
	RACEWAY ROUTED EXPOSED
	RACEWAY ROUTED IN OR UNDER FLOOR SLAB OR UNDERGROUND
W	DECORATIVE SURFACE METAL RACEWAY
	CIRCUIT CONTINUATION.
E-XXX	FOOD SERVICE EQUIPMENT TAG
FACP	FIRE ALARM CONTROL PANEL
ANN	FIRE ALARM ANNUNCIATOR PANEL
FCPS	FIRE ALARM POWER SUPPLY
F	FIRE ALARM PULL STATION AT 48" UNLESS NOTED.
S	SMOKE DETECTOR - CEILING MOUNTED.
SC	CEILING MOUNTED SYSTEM SMOKE AND CARBON MONOXIDE ALARM; SYSTEM TYPE.
SC	CEILING MOUNTED SMOKE AND CARBON MONOXIDE ALARM; STAND ALONE TYPE; 120V HARD-WIRED WITH BATTERY BACKUP. KIDDE #12010SC0 OR EQUIVALENT. INTERCONNECT ALL DEVICES WITHIN SAME DWELLING UNIT ON SAME CIRCUIT.
H	HEAT DETECTOR - CEILING MOUNTED.
S	FIRE ALARM VISUAL DEVICE - CEILING MOUNTED.
S	FIRE ALARM VISUAL DEVICE - WALL MOUNTED.
F	FIRE ALARM AUDIO/VISUAL DEVICE - WALL MOUNTED.

ELECTRICAL SYMBOL SCHEDULE

SYMBOL	DESCRIPTION
F	FIRE ALARM AUDIO/VISUAL DEVICE - CEILING MOUNTED.
LF	FIRE ALARM LOW FREQUENCY SOUNDER DEVICE - CEILING MOUNTED.
FS	FLOW SWITCH
TS	TAMPER SWITCH
DD	DUCT DETECTOR
	CALL OUT TAG (NUMBER OF PLAN REFERENCED ON TOP AND NUMBER OF SHEET REFERENCED ON BOTTOM)
- / -	ELEVATION CALL OUT TAG (NUMBER OF PLAN REFERENCED ON LEFT AND NUMBER OF SHEET REFERENCED ON RIGHT)
	REVISION NUMBER
30A/15AF/3P,4W 250V/N-3R	DENOTES 30A SAFETY SWITCH/15A FUSE(S)/3 POLES,4 WIRE/250V RATED/NEMA-3R RATED ENCLOSURE.
AC	NEAR ANY ELECTRICAL DEVICE DENOTES ABOVE COUNTER TOP.
BC	NEAR ANY ELECTRICAL DEVICE DENOTES BELOW COUNTER TOP.
WP	NEAR ANY ELECTRICAL DEVICE DENOTES WEATHER-PROTECTED.
C	NEAR ANY ELECTRICAL DEVICE DENOTES CEILING MOUNTED.
42", 36"	NEAR ANY ELECTRICAL DEVICE DENOTES WALL MOUNTING HEIGHT. MOUNTING HEIGHT IS TO BE CENTERLINE OF DEVICE ABOVE FINISH FLOOR OR GRADE.

SHEET INDEX

SHEET NO.	SHEET TITLE	2025-08-20 DD	2025-09-12 REVISED DD SET	2025-09-16 DD-Addendum 3	2025-10-15 90% CD	2025-11-06 100% CDs
E0.400	SCHEDULES AND ABBREVIATIONS	●	●		●	●
E0.401	LUMINAIRE SCHEDULE	●	●	●	●	●
E0.402	GENERAL ELECTRICAL NOTES	●	●		●	●
E2.401	1ST FLOOR DEMOLITION - BLDG D	●	●		●	●
E3.401	LIGHTING - BLDG D	●	●	●	●	●
E4.401	POWER & SS - BLDG D	●	●		●	●

ARCHITECT

CHASM DOMAIN

AN ARCHITECTURAL JOINT VENTURE

11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

REGISTRATION

PRELIMINARY
FOR PERMIT ONLY

EOR: RAUL E. VALDES

PE: 36832
2025-11-06

CLIENT

RENOVATIONS & ADDITIONS TO
McKINLEY SENIOR HIGH SCHOOL
800 E. McKINELY ST
BATON ROUGE, LA 70802

PROJECT INFORMATION

revisions No.	Description	Date
1	100% OWNER REVIEW SET	11-06-2025

project # 25007

date 2025-11-06

director review RV

SCHEDULES AND ABBREVIATIONS

E0.400

EDS, Inc 25007
ELECTRICAL DESIGN SOLUTIONS
(844) EDS-1990 www.ewithd.com

2025-11-06

LUMINAIRE SCHEDULE
(FINISH COLORS TO BE DETERMINED BY ARCHITECT)

LABEL	MANUFACTURER	CATALOG NUMBER	MOUNTING	NOMINAL LUMEN OUTPUT	NOMINAL CCT	CRI	INPUT VOLTS / WATTS	DESCRIPTION
F1A	METALUX	24FP3140C / RMK2-24-W	RECESSED	>=3600	4000K	>=80	120V/ <=29W	2' x 4' LED FLAT PANEL TROFFER, REGRESS MOUNT KIT WITH 0-10V DIMMING.
F1C	METALUX	24FP4740C / RMK2-24-W	RECESSED	>=4500	4000K	>=80	120V/ <=41W	2' x 4' LED FLAT PANEL TROFFER, REGRESS MOUNT KIT WITH 0-10V DIMMING.
F1F	METALUX	24FP6440C / RMK2-24-W	RECESSED	>=6100	4000K	>=80	120V/ <=62W	2' x 4' LED FLAT PANEL TROFFER, REGRESS MOUNT KIT WITH 0-10V DIMMING.
F2A	METALUX	24FP2140C / RMK2-22-W	RECESSED	>=2400	4000K	>=80	120V/ <=20W	2' x 2' LED FLAT PANEL TROFFER, REGRESS MOUNT KIT WITH 0-10V DIMMING.
F6	HALO	HC610D010-HM60525840-61WDC	RECESSED	>=1000	4000K	>=80	120V/ <=10W	6" DOWNLIGHT WITH WIDE DISTRIBUTION, SPECULAR CLEAR FINISH, 0-10V DIMMING DRIVER.
F7	HALO	HCCS610D010**-HM60525840-61WDC / HCAC120**	SUSPENDED @9'-0" AFF UNO	>=1000	4000K	>=80	120V/ <=10W	6" LED CYLINDER DOWNLIGHT WITH WIDE DISTRIBUTION, SPECULAR CLEAR FINISH, 0-10V DIMMING DRIVER AND AIRCRAFT CABLE KIT.
X1	SURE-LITES	LPX	-	-	-	-	120V/ <=5W	SELF-POWERED, LED EXIT SIGN WITH NICKEL CADMIUM BATTERY AND RED LETTERS. PROVIDE FACES AND ARROW AS PER PLANS.
Y1	DUAL-LITE	EV4R	RECESSED	-	-	-	120/ <=5W	SELF POWERED, RECESSED, LED EMERGENCY LUMINAIRE WITH NICKEL METAL HALIDE BATTERY AND MINIMUM 40'-0" LIGHT THROW.
Y2	SURE-LITES	SEL25	WALL @7'-6" AFF UNO	-	-	-	120V/ <=5W	SELF POWERED, LED EMERGENCY LUMINAIRE WITH NICKEL CADMIUM BATTERY, WHITE HOUSING, DUAL ADJUSTABLE HEADS AND MINIMUM 25'-0" LIGHT THROW.

ARCHITECT
CHASM DOMAIN
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11130 industriplex blvd, suite 200
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BATON ROUGE, LA 70802

revisions

No.	Description	Date
1	100% OWNER REVIEW SET -	11-06-2025

project # 25007
date 2025-11-06
director review RV

LUMINAIRE SCHEDULE

E0.401

EDS, Inc
25007
ELECTRICAL DESIGN SOLUTIONS
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1 DD-Addendum 3
2025-11-06

GENERAL NOTES:

GENERAL

1. THE WORD "PROVIDE", RELATIVE TO ELECTRICAL WORK, SHALL HEREAFTER BE INTERPRETED AS "FURNISH, INSTALL AND CONNECT".

2. THE "GENERAL CONDITIONS OF THE CONTRACT" CURRENT EDITION PUBLISHED IN STANDARD FORM BY THE AMERICAN INSTITUTE OF ARCHITECTS SHALL BE PART OF THIS CONTRACT.

3. UNLESS NOTED OTHERWISE, ALL EQUIPMENT FURNISHED BY THE CONTRACTOR SHALL BE NEW AND A MANUFACTURER'S DOCUMENT SHALL ACCOMPANY EACH MAJOR COMPONENT. PROVIDE EQUIPMENT MANUFACTURER'S LETTER OF WARRANTY.

4. CONTRACTOR SHALL PROVIDE COMPLETE AND WORKABLE SYSTEMS. ELECTRICAL DRAWINGS SERVE AS WORKING DRAWINGS FOR GENERAL LAYOUT OF VARIOUS ITEMS OF EQUIPMENT; HOWEVER, LAYOUT OF THE EQUIPMENT, ACCESSORIES, SPECIALTIES, DEVICES, AND OTHER TRADES ARE DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. ELECTRICAL DRAWINGS DO NOT NECESSARILY INDICATE EVERY REQUIRED ITEM.

5. THE WORK COVERED BY THE CONSTRUCTION DOCUMENTS AND THE PROJECT SPECIFICATIONS CONSISTS OF FURNISHING THE LABOR, MATERIAL, AND EQUIPMENT IN PERFORMING THE OPERATIONS NECESSARY FOR THE INSTALLATION OF THE ELECTRICAL SYSTEMS INDICATED ON THE DRAWINGS AND/OR DESCRIBED IN THE SPECIFICATIONS. ANY INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH IS BELONGING TO OR NECESSARY FOR THE SATISFACTORY COMPLETION AND OPERATION OF THE VARIOUS SYSTEMS, SHALL BE INCLUDED. THE WORK COVERED UNDER THESE DOCUMENTS AND SPECIFICATIONS SHALL BE COORDINATED WITH THE REQUIREMENTS OF THE OTHER DIVISIONS AND WITH THE DRAWINGS FOR THE ENTIRE PROJECT. THE WORK SHALL BE ACCOMPLISHED ON SUCH A SCHEDULE AND IN SUCH A MANNER AS TO NOT DELAY OR INTERFERE WITH OTHER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE ELECTRICAL EQUIPMENT AND MATERIALS AS REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEMS. REFER TO THE PROJECT SPECIFICATIONS FOR SUBMITTAL AND SHOP DRAWING REQUIREMENTS.

6. WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE CURRENT NATIONAL ELECTRIC CODE AND STATE AND LOCAL CODES THAT APPLY.

7. THE CONTRACTOR SHALL TAKE OUT PERMITS, PROCURE CERTIFICATES, AND PAY FEES AS REQUIRED TO PERFORM THE PROJECT ELECTRICAL WORK.

8. BIDDERS SHALL BE REQUIRED TO VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS SURROUNDING THE PROJECT PRIOR TO BIDDING.

9. THE CONTRACTOR SHALL TOUCH-UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.

10. THE CONTRACTOR SHALL BE A LICENSED ELECTRICIAN OF THE STATE IN WHICH THE WORK IS TO BE PERFORMED.

11. NO INTERRUPTION OF THE BUILDING FUNCTIONS OR ELECTRIC SERVICE SHALL BE PERMITTED WITHOUT APPROVAL OF THE TENANT.

12. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE RUBBISH AND DEBRIS CAUSED BY THE CONTRACTOR AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT AND COMPONENTS.

13. ELECTRICAL EQUIPMENT SHALL BE SPECIFICATION GRADE, UNLESS NOTED OTHERWISE.

14. ELECTRICAL ROOM EQUIPMENT LAYOUT IS CONCEPTUAL AND IS BASED ON DIMENSIONS OF INDUSTRY STANDARD EQUIPMENT. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE EQUIPMENT LAYOUT PER NEC ARTICLE 110 AND SIZED TO MEET THE ROOM DIMENSIONS. ELECTRICAL CONTRACTOR SHALL ADJUST THE EQUIPMENT LAYOUT IN THE FIELD AS NEEDED PER THE SUCCESSFUL MANUFACTURER'S EQUIPMENT DIMENSIONS (TYPICAL FOR ALL ELECTRICAL EQUIPMENT ROOMS). PRIOR TO ROUGH-IN AND RACEWAY INSTALLATION, ELECTRICAL CONTRACTOR SHALL SUBMIT DIMENSIONED LAYOUT OF EQUIPMENT ROOMS AND ELECTRICAL ROOMS UTILIZING DIMENSIONS OF EQUIPMENT TO BE INSTALLED. SUBMIT FOR REVIEW PRIOR TO ANY FIELD WORK.

15. DATA PRESENTED ON THESE DRAWINGS ARE AS SURVEYS AND PLANNING CAN DETERMINE, BUT ABSOLUTE ACCURACY IS NOT GUARANTEED. FIELD VERIFICATION OF THE PLANS IS RESPONSIBILITY OF THE CONTRACTOR SINCE FINAL DISTANCES; LOCATIONS AND HEIGHTS WILL BE GOVERNED BY ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN AREAS TO BE RENOVATED PRIOR TO BID IN ORDER TO PROVIDE AN ACCURATE BID AND BE AWARE OF CONSTRUCTION METHODS NEEDED TO PROVIDE THE FINISHED PRODUCT AS SHOWN ON THE PLANS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER IN WRITING VIA AN R.F.I. FOR A DECISION TO RESOLVE CONFLICTS PRIOR TO BID.

16. EQUIPMENT, FINISHES, AND ACCESSORIES TO BE PROVIDED SHALL COMPLY WITH ANSI A117.1, AMERICANS WITH DISABILITIES ACT AND OTHER SPECIFIC STANDARDS, CODES AND REGULATIONS ESTABLISHED BY LOCAL AUTHORITIES HAVING JURISDICTION.C

17. UTTING AND PATCHING: THE CONTRACTOR SHALL PERFORM WHERE REQUIRED TO FACILITATE CONSTRUCTION. THE CONTRACTOR SHALL PATCH AND REPAIR SUCH OPENINGS TO THE ORIGINAL STATE. HOWEVER, STRUCTURAL ELEMENTS SHALL NOT BE CUT WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT OR HIS REPRESENTATIVE.

18. THE CONTRACTOR SHALL PROTECT HIS WORK DONE UNDER THIS CONTRACT FROM INJURY DURING CONSTRUCTION AND PROTECT HIS EQUIPMENT FROM DAMAGE.

19. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC AND TELEPHONE UTILITY COMPANIES OF NEW WORK FOR THIS PROJECT. THE CONTRACTOR SHALL ARRANGE WITH THE ELECTRIC AND TELEPHONE UTILITY COMPANIES TO PROVIDE SERVICE AND EQUIPMENT PER UTILITIES REQUIREMENTS. INCLUDE COSTS IN THE BASE BID.

20. THE OWNER SHALL MAKE APPLICATION TO THE LOCAL TELEPHONE COMPANY FOR TELEPHONE SERVICE.

21. ELECTRICAL EQUIPMENT AND APPURTENANCES UNDER THIS CONTRACT SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE LATEST EDITION OF THE FOLLOWING PUBLICATIONS:

    A.) UNDERWRITER'S LABORATORIES, INC. - U.L.

    B.) NATIONAL FIRE PROTECTION ASSOCIATION – NFPA

    C.) NATIONAL ELECTRICAL MANUFACTURER'S ASSOC. - NEMA

    D.) NATIONAL ELECTRICAL CODE – NEC

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS.

23. THE CONTRACTOR SHALL FURNISH A WRITTEN, SIGNED WARRANTY STATING:

    A.) THAT WORK EXECUTED UNDER THIS CONTRACT SHALL BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM DAY OF FINAL ACCEPTANCE.

    B.) THAT THE ELECTRICAL CONTRACTOR WILL AT HIS OWN EXPENSE REPAIR OR REPLACE DEFECTIVE WORK AND MATERIALS AND OTHER WORK DAMAGED THEREBY, WHICH BECOMES DEFECTIVE DURING THE TERM OF THE GUARANTEE-WARRANTY

COORDINATION WITH OTHER TRADES

1. THE CONTRACTOR IS REFERRED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND FOOD SERVICE PLANS AND SPECIFICATIONS (AS APPLICABLE) FOR ADDITIONAL INFORMATION AND ELECTRICAL WORK THAT MAY NOT BE INDICATED ON THESE DRAWINGS.

2. THESE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND GENERAL ARRANGEMENTS ONLY. ADJUST ROUTING AND LOCATIONS FOR FIELD CONDITIONS, COORDINATE WORK AND INSTALLATION WITH OTHER TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, LOCATIONS, AND MOUNTING HEIGHTS.

3. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL, MECHANICAL AND PLUMBING CONSTRUCTION. SHOULD ELECTRICAL WORK BE INSTALLED WHICH INTERFERES WITH WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.

4. COORDINATE WITH MECHANICAL, PLUMBING AND GENERAL CONDITIONS FOR FINAL LOCATIONS OF HVAC EQUIPMENT, WATER HEATERS, PUMPS, EXHAUST FANS, FIRE/SMOKE DAMPERS, CONTROL DEVICES, EMS CONTROL EQUIPMENT, AND EQUIPMENT BY ANY OTHER TRADES. THE CONTRACTOR SHALL REVIEW THE APPROVED MECHANICAL AND PLUMBING SHOP DRAWINGS TO DETERMINE AND VERIFY ELECTRICAL ROUGH-IN REQUIREMENTS, POINT OF CONNECTION(S), AND EQUIPMENT AMPERAGE/VOLTAGE/PHASE. WHEN THE EQUIPMENT HAS BEEN DELIVERED TO THE PROJECT SITE, THE CONTRACTOR SHALL VERIFY WITH THE EQUIPMENT NAMEPLATE FOR THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS FOR EACH PIECE OF EQUIPMENT. FUSE SIZE ADJUSTMENTS MAY BE REQUIRED, AND THE FUSE TYPE SHALL BE DUAL ELEMENT-TIME DELAY, CLASS RK-5. PROVIDE CONDUCTORS, CONDUIT, BREAKERS, CONNECTIONS, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.

5. FOR EACH MECHANICAL OR PLUMBING DEVICE THAT REQUIRES ELECTRICAL POWER CONNECTION, RESPONSIBILITY FOR COORDINATION BETWEEN THE MECHANICAL OR PLUMBING EQUIPMENT ELECTRICAL CHARACTERISTICS AND THE ELECTRICAL SERVICES REMAINS WITH ALL INVOLVED CONTRACTORS (ELECTRICAL AND MECHANICAL, PLUMBING, ETC.). COORDINATE AND VERIFY IN FIELD PRIOR TO ROUGH-IN AND EQUIPMENT ORDERING. PROVIDE AND ADJUST ELECTRICAL SERVICES AS REQUIRED. CONTRACTOR SHALL COORDINATE IN FIELD, VERIFY, AND PROVIDE THE ELECTRICAL SERVICES AND RATINGS OF MECHANICAL OR PLUMBING EQUIPMENT AS INDICATED IN THE APPROVED MECHANICAL OR PLUMBING SHOP DRAWINGS AND AS SUCH EQUIPMENT ARRIVES AT THE JOB SITE. CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICES, CIRCUIT BREAKERS, CONDUIT, CONDUCTORS, CONNECTIONS, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. CONTRACTOR SHALL INCLUDE SUCH COSTS IN THE BASE BID.

6. CONTRACTOR SHALL COORDINATE CONSTRUCTION PHASING WITH OWNER AND OTHER TRADES.

7. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING, PIPING, AND DUCTWORK ADJACENT TO ELECTRICAL PANELS; ELECTRICAL PANELS SHALL HAVE CLEARANCE FROM FLOOR TO CEILING STRUCTURE. NO MECHANICAL OR PLUMBING DEVICES SHALL CROSS OR PENETRATE PANEL CLEARANCE SPACE.

8. WHEN ELECTRICALLY DRIVEN EQUIPMENT FURNISHED UNDER THIS CONTRACT MATERIALLY DIFFERS FROM THE DESIGN, THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS TO THE CONDUCTORS, DISCONNECT DEVICES, CIRCUIT BREAKERS, FUSES, CONTROLLERS, OVERLOAD PROTECTION, ETC. TO ACCOMMODATE THE EQUIPMENT ACTUALLY INSTALLED.

9. PROVIDE CONNECTION OF ELECTRICAL EQUIPMENT MENTIONED IN THIS SECTION OR NOTED ON THE DRAWINGS, WHETHER FURNISHED BY THE CONTRACTOR OR BY OTHERS. REFER TO CONSTRUCTION DOCUMENTS OF OTHER TRADES FOR THIS PROJECT.

DEMOLITION

1. NECESSARY MODIFICATIONS AND ADJUSTMENTS TO NEW ELECTRICAL ITEMS AND EQUIPMENT SHALL BE MADE AS MAY BE REQUIRED BY THESE ADDITIONS. CAREFUL INSPECTION OF THE PLANS AND SITE IS REQUIRED, AS THE PLANS DO NOT INDICATE ALL SUCH ELECTRICAL ITEMS AND EQUIPMENT.

GROUNDING

1. ALL PROJECT GROUNDING SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE.

2. PROVIDE A COMPLETE GROUNDING SYSTEM, GROUND CONDUCTOR, GROUND ELECTRODES, GROUND BUS, AND GROUND ROD TO EFFECTIVELY PROVIDE SERVICE GROUND. GROUND PANELS, WIREWAYS, CONDUITS, LIGHT FIXTURES, RECEPTACLES, AND EQUIPMENT IN ACCORDANCE WITH THE NEC. VERIFY GROUNDING MEANS.

3. GROUND CONDUCTORS SHALL BE PROVIDED IN FEEDERS AND BRANCH CIRCUIT RACEWAYS. EQUIPMENT GROUND WIRES SHALL BE COPPER AND SIZED AS PER NEC TABLE 250-95.

RACEWAYS, BOXES, AND CONDUCTORS

1. WIRING INCLUDING LOW VOLTAGE SHALL BE IN CONDUIT WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

2. PROVIDE PULL BUSHINGS ON COMMUNICATIONS RACEWAYS.

3. USE ONLY APPROVED LUBRICANT FOR WIRE PULLING PURPOSES.

4. WHERE RACEWAYS AND CABLE PASS THROUGH CONCRETE OR CONCRETE BLOCK WALLS, PROVIDE CORE DRILLING AS REQUIRED.

5. ITEMS OF ELECTRICAL EQUIPMENT ASSOCIATED WITH THE CONTROL OF ELECTRICAL APPARATUSES SHALL BE IDENTIFIED. IN UNFINISHED AREAS PAINT STENCIL SHALL BE ACCEPTABLE, FOR OTHER AREAS AN ENGRAVED PLATE SHALL BE USED TO IDENTIFY ASSOCIATED EQUIPMENT.

6. NOMINAL MOUNTING HEIGHT OF DEVICES IN EXPOSED CONCRETE BLOCK, TILE, OR BRICK WALLS SHALL OCCUR WITHIN A SINGLE COURSE. A MINIMUM AMOUNT OF BLOCK, TILE, OR BRICK SHALL BE CUT.

7. CONTRACTOR SHALL RUN RACEWAY CONCEALED WHEN POSSIBLE, CONCEALED RACEWAYS SHALL BE RUN IN AS DIRECT A LINE AS POSSIBLE WITH LONG BENDS. EXPOSED RACEWAYS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO THE LINES OF THE BUILDING. RACEWAY SHALL BE SUPPORTED FROM THE BUILDING SUPPORTING MEMBERS; ABOVE SUSPENDED CEILINGS. SUPPORT FROM MECHANICAL SYSTEM PIPING, DUCTS, AND OTHER TRADES ARE NOT ACCEPTABLE.

8. PROVIDE LIQUID-TIGHT FLEXIBLE CONDUIT FOR CONNECTION OF MOTORS AND FOR OTHER ELECTRICAL EQUIPMENT WHERE SUBJECT TO MOVEMENT, VIBRATION, AND ALSO WHERE SUBJECT TO ANY OF THE FOLLOWING: EXTERIOR, MOISTURE, CORROSIVE ATMOSPHERE.

9. SHEET METAL BOXES SHALL BE STANDARD TYPE WITH KNOCKOUTS, MADE OF HOT DIPPED GALVANIZED STEEL AS MANUFACTURED BY STEEL CITY, RACO, OR APPROVED EQUIVALENT.

10. CIRCUIT CONDUCTORS SHALL BE 2 #12 & 1 #12 EQUIPMENT GROUND, UNLESS NOTED OTHERWISE.

11. CONDUCTORS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. AVOID UNNECESSARY SPLICING.

12. NUMBER OF WIRES FOR EACH CIRCUIT MAY NOT BE INDICATED ON DRAWINGS. THE CONTRACTOR SHALL PROVIDE WIRES NECESSARY FOR PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON PLANS OR NOT.

13. RACEWAYS SHALL BE 90 DEGREE WHERE PENETRATING FIRE OR SMOKE RATED WALLS SO THEY CAN BE PROPERLY FIRE TREATED AND CAULKED. PROVIDE MINIMUM 2-HOUR RATED CAULKING.

14. PENETRATIONS THROUGH FIRE RATED FLOORS, WALLS, OR CEILINGS SHALL BE FIRE SEALED WITH "CRC" RTV HIGH-TEMPERATURE SILICONE FOAM (OR APPROVED EQUIVALENT) TO MAINTAIN FIRE RATING. VERIFY SEALANT COMPATIBILITY WITH SUBSTRATE.

15. PATCH FLOOR PENETRATIONS WITHIN PROJECT AREA AS REQUIRED TO MAINTAIN 2-HOUR FLOOR SEPARATION.S

16. SINGLE-PHASE BRANCH CIRCUITS, 120-VOLT LIGHTING, RECEPTACLES, AND MOTORS SHALL CONSIST OF PHASE, NEUTRAL, AND GROUND CONDUCTORS.

17. JUNCTION BOXES AND ELECTRICAL EQUIPMENT EXPOSED TO THE ELEMENTS SHALL BE WEATHERPROOF.

18. CONDUIT CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS ON BOTH SIDES OF EXPANSION JOINT.

PANELBOARDS

1. PANELBOARDS SHALL CONSIST OF COMPLETE DEAD FRONT ASSEMBLIES INCLUDING BACK CAN, BUS BAR, SHEET METAL CABINET, SWITCHING AND OVER CURRENT DEVICES, TRIMS, DOOR AND LOCK. PANELBOARDS SHALL BE SQUARE "D", G.E., SIEMENS OR APPROVED EQUIVALENT.

2. WHEN ORDERING PANELBOARDS, THE CONTRACTOR SHALL DETERMINE THE NUMBER OF SERVICE ENTRANCE CONDUCTORS, SIZE AND MATERIAL TYPE, AND SHALL PROVIDE THIS INFORMATION TO THE PANELBOARD SUPPLIER SO THAT THE APPROPRIATE LUGS CAN BE PROVIDED FROM THE FACTORY.

3. THE CONTRACTOR SHALL INSTALL PANELS AND ELECTRICAL EQUIPMENT PER NEC ARTICLE 110 CLEARANCE REQUIREMENTS.

4. PROVIDE DEDICATED CIRCUIT(S) AND "LOCK OUT" BREAKER(S) FOR NIGHT LIGHTING, EXIT LIGHTS, AND EMERGENCY LIGHTS, OUTLET(S) AT TELEPHONE BACKBOARD, AND FIRE ALARM DEVICE CIRCUITS. PROVIDE "RED" COLOR CIRCUIT BREAKER.C

5. IRCUIT NUMBERS ARE FOR IDENTIFICATION ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELS. HOMERUNS OF SIMILAR SINGLE-PHASE CIRCUITS MAY BE COMBINED IN ANY ONE RACEWAY WITH A COMMON NEUTRAL, UNLESS NOTED OTHERWISE, ONLY THREE (3) SINGLE-PHASE CIRCUITS MAY BE COMBINED IN ANY ONE RACEWAY. ON COMPLETION OF THE SPACE, THE ELECTRICAL CONTRACTOR SHALL BALANCE THE PANEL PHASE LOADS TO WITHIN TEN PERCENT.

WIRING DEVICES

1. THE CONTRACTOR SHALL PROVIDE ROOF-MOUNTED, GFCI, WEATHERPROOF-WHILE-IN-USE RECEPTACLE(S) WITHIN 25 FEET OF ALL HVAC EQUIPMENT ON ROOF.

2. EXTERIOR RECEPTACLES EXPOSED TO THE ELEMENTS SHALL BE GFCI, WEATHERPROOF-WHILE-IN-USE RECEPTACLES.

3. PLATES FOR UNFINISHED AREAS SHALL BE SHEET STEEL OR CAST METAL.

4. PROVIDE ENGRAVED PLASTIC IDENTIFICATION PLATE FOR EACH PANELBOARD. INSTALL A TYPEWRITTEN DIRECTORY IN DOOR OF EACH PANEL. CIRCUIT DIRECTORIES SHALL BE NEATLY TYPED TO REFLECT INSTALLED CONDITIONS UNDER THIS CONTRACT. CIRCUITS SHALL BE NUMBERED ALTERNATELY (I.E. 1, 3, 5 AND 2, 4, 6 ETC).

5. SAFETY SWITCHES SHALL BE INSTALLED WHERE INDICATED ON PLANS OR WHERE OTHERWISE REQUIRED BY CODE ENFORCING AUTHORITIES. THEY SHALL BE INSTALLED WITH ADEQUATE HAND ACCESS TO AND CLEARANCE FOR OPERATION AND FUSE REPLACEMENT. EACH SWITCH SHALL HAVE ENGRAVED PLASTIC NAMEPLATES INSTALLED, IDENTIFYING THE EQUIPMENT IT IS SERVING.

6. RECEPTACLES MOUNTED IN FIRE OR SMOKE RATED WALLS SHALL BE SEPARATED AT A MINIMUM OF 25" APART.

7. EXHAUST FANS SHALL HAVE DISCONNECT SWITCHES. COORDINATE WITH MECHANICAL DRAWINGS FOR INSTALLATION OF THERMOSTATS.

8. REMOTE POWERED EQUIPMENT ON ROOF OR GROUNDS SHALL BE PROVIDED BY CONTRACTOR WITH A NEMA 3R DISCONNECT SWITCH AT EACH PIECE OF EQUIPMENT (UNLESS NOTED OTHERWISE).

9. LOCATE OUTLETS AS INDICATED ON PLANS WITH MOUNTING HEIGHTS AS SHOWN. COORDINATE INSTALLATION WITH OTHER EQUIPMENT AND ARCHITECTURAL MILLWORK ELEVATIONS. SECURE OUTLETS TO STRUCTURE.

LIGHTING

1. LIGHT FIXTURE LOCATIONS SHALL BE ADJUSTED IN FIELD AS REQUIRED TO ACCOMMODATE DUCTWORK, PIPING AND OTHER TRADES. CONTRACTOR SHALL VERIFY APPROPRIATE LIGHTING LEVELS WHERE LIGHT FIXTURES ARE ADJUSTED FROM LOCATIONS SHOWN ON FLOOR PLAN.

2. SUPPORT OF LIGHT FIXTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. LAY-IN LIGHT FIXTURES SHALL NOT BE SUPPORTED ENTIRELY BY CEILING GRID SYSTEM. THEY SHALL HAVE STEEL WIRE SUPPORT TIED TO THE STRUCTURE ABOVE FROM AT LEAST TWO POINTS ON THE FIXTURE.

3. PROVIDE A COMPLETE LIGHTING SYSTEM. PROVIDE FIXTURES, LAMPS, ACCESSORIES AND SUPPORT AS SPECIFIED AND SHOWN. CEILING GRID LAYOUTS ON PLANS ARE FOR CONVENIENCE ONLY. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE LIGHT FIXTURE LAYOUT WITH (AS APPLICABLE): ARCHITECT, REFLECTED CEILING PLANS, GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, FIRE PROTECTION CONTRACTOR, FIRE ALARM CONTRACTOR, LOW-VOLTAGE CONTRACTOR(S) AND OWNER.

4. LIGHT FIXTURES SHALL BE FURNISHED AS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE ON THE LIGHTING PLANS OR APPROVED EQUIVALENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY CEILING TYPES, CLEARANCES, MOUNTING HARDWARE, ETC., AND PROVIDE AS REQUIRED TO INSTALL THE LIGHT FIXTURES.

SUBMITTALS

1. PROVIDE COMPLETE SHOP DRAWINGS, RISER DIAGRAMS, AND SUBMITTALS. THE CONTRACTOR SHALL PURCHASE NO EQUIPMENT FOR THE SYSTEM SPECIFIED HEREIN UNTIL THE OWNER HAS REVIEWED THE PROJECT SHOP DRAWINGS AND SUBMITTALS IN THEIR ENTIRETY AND HAS RETURNED THEM TO THIS CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MEET THE ENTIRE INTENT AND FUNCTIONAL PERFORMANCE DETAILED IN THESE PLANS AND SPECIFICATIONS. REVIEWED SUBMITTALS SHALL ONLY ALLOW THE CONTRACTOR TO PROCEED WITH THE INSTALLATION AND SHALL NOT BE CONSTRUED TO MEAN THAT THIS CONTRACTOR HAS SATISFIED THE REQUIREMENTS OF SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT THREE (3) COMPLETE SETS OF DOCUMENTATION WITHIN 30 CALENDAR DAYS AFTER AWARD OF PROJECT:

    EACH SUBMITTAL SHALL INCLUDE A COVER LETTER PROVIDING A LIST OF EACH VARIATION THAT THE SUBMITTAL MAY HAVE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. IN ADDITION THIS CONTRACTOR SHALL PROVIDE SPECIFIC NOTATION ON EACH SHOP DRAWING, SAMPLE, CATALOG CUT, DATA SHEET, INSTALLATION MANUAL, ETC.

    SUBMITTED FOR REVIEW AND APPROVAL OF EACH SUCH VARIATION.

    SHOP DRAWINGS AND DIAGRAMS SHALL INCLUDE THE CONTRACTOR'S TITLE BLOCK, COMPLETE WITH DRAWING TITLE, CONTRACTOR'S NAME, ADDRESS, DATE INCLUDING REVISIONS, AND PREPARER'S AND REVIEWER'S INITIALS.

    SHOP DRAWINGS AND SUBMITTALS ARE REQUIRED FOR, BUT NOT LIMITED TO THE FOLLOWING SYSTEMS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND SYSTEMS. PROVIDE RISER DIAGRAMS INDICATING QUANTITIES, LOCATIONS, AND ROOM NAMES/NUMBERS.

FIRE ALARM SYSTEM

1. CONTRACTOR SHALL PROVIDE A LETTER CERTIFYING THAT THE SYSTEMS IN NOTE ABOVE ARE INSTALLED ENTIRELY IN ACCORDANCE WITH THE SYSTEM MANUFACTURER'S RECOMMENDATIONS AND WITHIN THE LIMITATIONS OF THE REQUIRED LISTINGS AND APPROVAL. THAT SYSTEM HARDWARE AND SOFTWARE HAS BEEN VISUALLY INSPECTED AND FUNCTIONALLY TESTED BY A MANUFACTURER'S CERTIFIED REPRESENTATIVE, AND THAT THE SYSTEM IS IN PROPER WORKING ORDER

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ARCHITECT

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11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

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PE: 36832
2025-11-06

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PROJECT INFORMATION

revisions

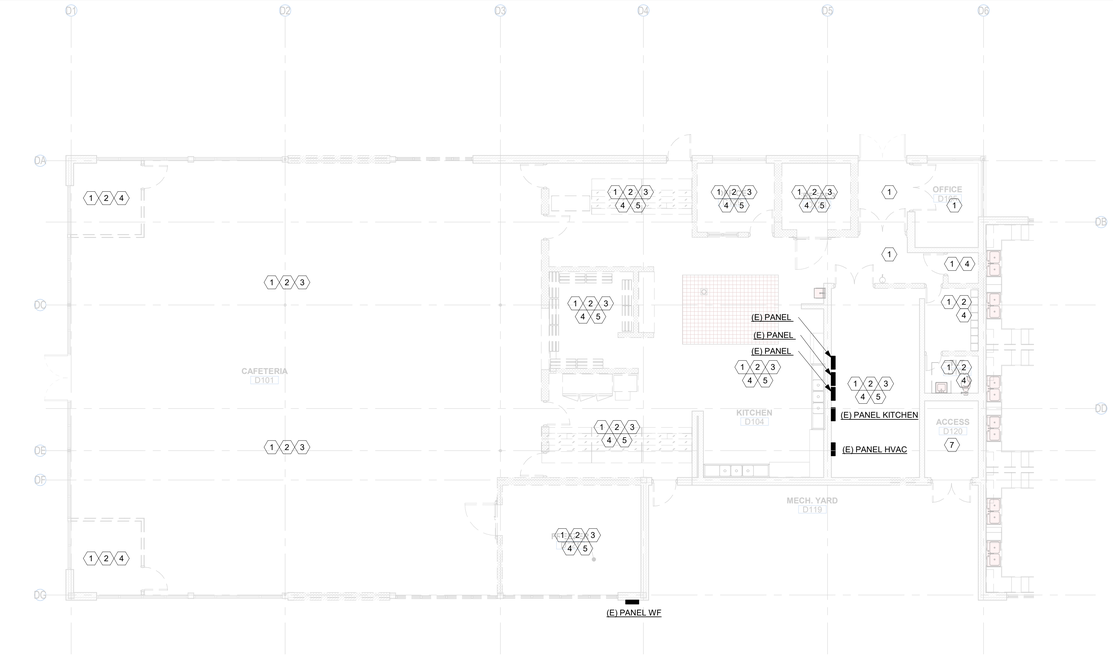
No.	Description	Date
	100% OWNER REVIEW SET - 11-06-2025	

project # 25007
date 2025-11-06
director review RV

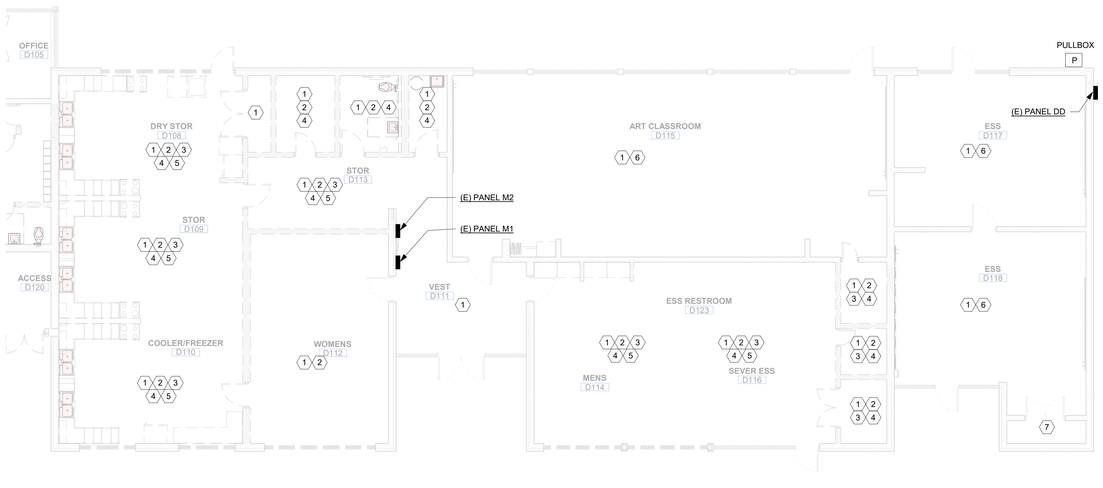
GENERAL
ELECTRICAL NOTES

E0.402

2025-11-06



1 1ST FLOOR DEMOLITION WEST - BLDG D
NO SCALE



2 1ST FLOOR DEMOLITION EAST - BLDG D
NO SCALE

GENERAL NOTES:

1. SELECTIVE DEMOLITION IS BEING PERFORMED THROUGHOUT BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION AND SURVEY EXISTING ELECTRICAL INSTALLATION. CONTRACTOR SHALL PROVIDE AND EXTEND ANY RACEWAY AND WIRING AS NECESSARY IN ORDER FOR EXISTING DEVICE TO REMAIN TO HAVE FULL FUNCTIONALITY.
2. ALL PANELBOARDS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
3. ALL EXISTING LIGHT FIXTURES, DEVICES, AND ELECTRICAL EQUIPMENT CONNECTIONS NOT SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL EXISTING CEILING MOUNTED FIRE ALARM DEVICES IN AREAS WITH CEILING DEMOLITION SHALL BE REMOVED FOR DEMOLITION OF EXISTING CEILING AND REINSTALLED AFTER CONSTRUCTION OF NEW CEILING.
5. UNLESS NOTED OTHERWISE, ALL EXISTING CEILING MOUNTED CAMERAS IN AREAS WITH CEILING DEMOLITION SHALL BE REMOVED FOR DEMOLITION OF EXISTING CEILING AND REINSTALLED AFTER CONSTRUCTION OF NEW CEILING.
6. UNLESS NOTED OTHERWISE, RACEWAY AND WIRING/CABLING ASSOCIATED WITH REMOVED LIGHT FIXTURES AND DEVICES SHALL BE REMOVED BACK TO SOURCE.
7. CONTRACTORS MAY REUSE EXISTING RACEWAY, DISCONNECT SWITCHES, FUSES, AND BRANCH CIRCUIT WIRING IF IN AN ACCEPTABLE CONDITION. RACEWAY AND WIRING NOT BEING REUSED SHALL BE TERMINATED IN J-BOX ABOVE ACCESSIBLE CEILING WITH CIRCUIT NUMBER LABELED OR REMOVED BACK TO SOURCE.

SPECIFIC NOTES:

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS WITHIN THIS ROOM / AREA.
2. DISCONNECT AND REMOVE EXISTING ELECTRICAL DEVICES WITHIN THIS ROOM.
3. DISCONNECT AND REMOVE EXISTING DATA / COMMUNICATIONS DEVICES WITHIN THIS ROOM.
4. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES WITHIN THIS ROOM / AREA.
5. DISCONNECT AND REMOVE EXISTING CAMERAS WITHIN THIS ROOM / AREA.
6. DISCONNECT EXISTING HVAC EQUIPMENT WITHIN THIS ROOM / AREA.
7. THERE SHALL BE NO WORK IN THIS ROOM / AREA WITH EXCEPTION OF ROUTING CIRCUITING/CABLING AS REQUIERED FOR WORK IN OTHER AREAS.

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1ST FLOOR DEMOLITION - BLDG D

E2.401

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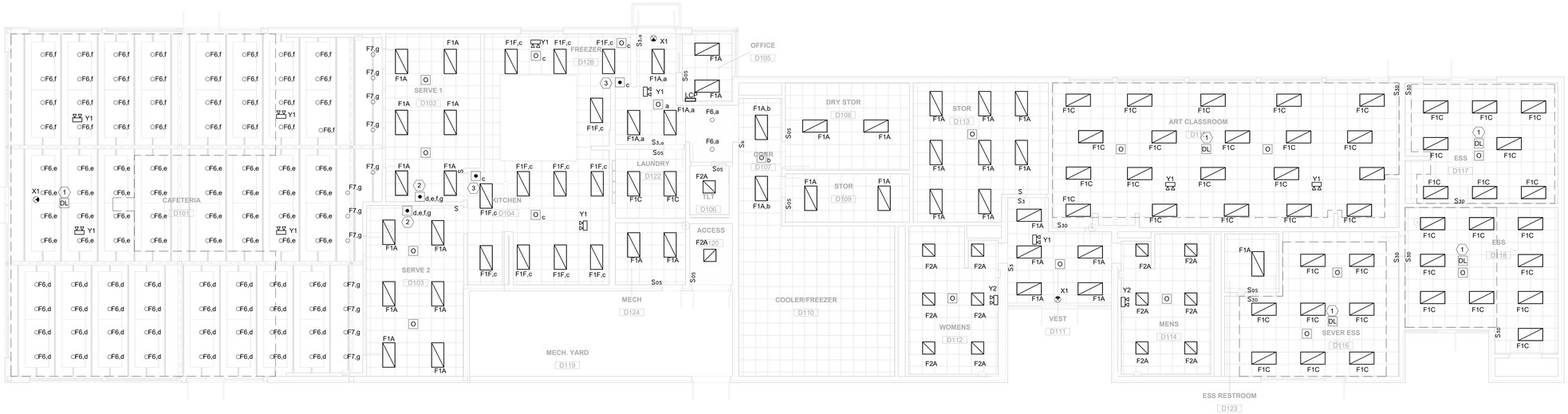
GENERAL NOTES:

1. BRANCH CIRCUIT HOMERUNS SHALL BE SIZED FOR VOLTAGE DROP BASED UPON THE FOLLOWING FOR 120V, 1Ø, 20A LOADS:
   #12 - 0'-70'
   #10 - 71'-110'
   #8 - 111'-175'
   #6 - 176'-280'
   PROVIDE APPROPRIATE HARDWARE TERMINATION FOR ASSOCIATED WIRE SIZE.
2. BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP. UPSIZE WIRE AS REQUIRED.
3. SEE ARCHITECTURAL DRAWINGS FOR EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
4. PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EXIT SIGNS AND EMERGENCY EGRESS LIGHTING FIXTURE VOLTAGE SENSING CIRCUITS.
5. EMERGENCY LIGHTS SHALL BE WIRED FOR SWITCHED OPERATION UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE UNSWITCHED.
6. PROVIDE LOW VOLTAGE CONTROL WIRING, POWER PACKS, ETC TO PRODUCE A FULLY OPERATIONAL SYSTEM AS PER THE SWITCHING/ZONING SCHEMES SHOWN ON DRAWINGS.
7. WHERE OCCUPANCY/VACANCY SENSORS ARE SHOWN, CONTRACTOR SHALL LOCATE SENSOR PER MANUFACTURER'S SUGGESTION FOR OPTIMAL COVERAGE. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR FULL COVERAGE AND PREVENTION OF NUISANCE SWITCHING.
8. CONTRACTOR TO PLACE A $50,000 ALLOWANCE FOR THE UPGRADE OF THEATRICAL LIGHTING AND CONTROL SYSTEMS, AND AN ADDITIONAL $50,000 FOR THE UPGRADE OF THE SOUND SYSTEMS.

SPECIFIC NOTES:

1. PROVIDE DAYLIGHT RESPONSIVE CONTROLS FOR LIGHT FIXTURES WITHIN AND INTERSECTING THIS AREA PER SECTION 405.2.4 OF IECC 2021.
2. 12-BUTTON, LOW-VOLTAGE CONTROL STATION WITH DIMMING CAPABILITIES PROVIDE RACEWAY TO ABOVE ACCESSIBLE CEILING AND MANUFACTURER APPROVED CABLING BACK TO LIGHTING CONTROL LCP COORDINATE PROGRAMMING WITH OWNER.
3. 3-BUTTON, LOW-VOLTAGE CONTROL STATION WITH DIMMING CAPABILITIES PROVIDE RACEWAY TO ABOVE ACCESSIBLE CEILING AND MANUFACTURER APPROVED CABLING BACK TO LIGHTING CONTROL LCP COORDINATE PROGRAMMING WITH OWNER.



1 LIGHTING - BLDG D
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AN ARCHITECTURAL JOINT VENTURE
11130 industriplex blvd, suite 200
baton rouge, la 70809
t: 225.216.3770 f: 225.216.3771

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1 DD-Addendum 3
2025-11-06

FOOD SERVICE EQUIPMENT SCHEDULE

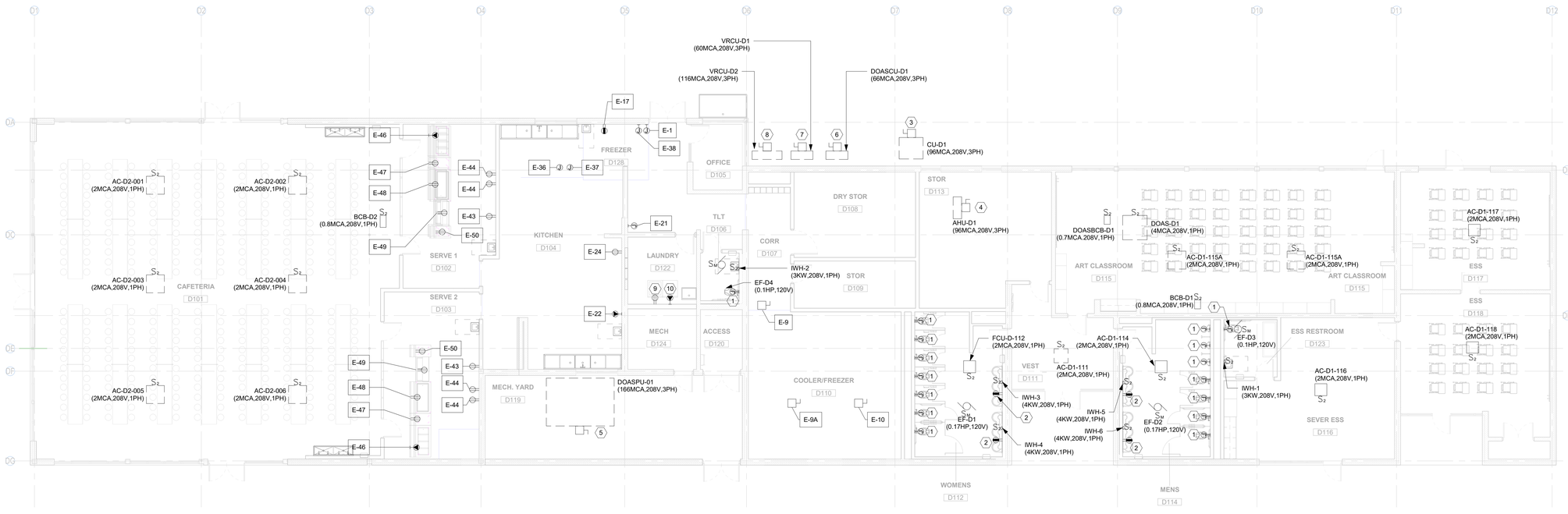
TAG	NAME	ELEC. REQUIREMENTS	CIRCUITS	NOTES	TAG	NAME	ELEC. REQUIREMENTS	CIRCUITS	NOTES
E-2	AIR DOOR				E-46	MOBILE HOT FOOD COUNTERS			
E-9	WALK IN COOLER FREEZER				E-47	MOBILE FLAT TOP FOOD COUNTERS			
E-9A	REMOTE TEMPERATURE MONITORING				E-47	MOBILE FLAT TOP FOOD COUNTERS			
E-10	REMOTE REFRIGERATION SYSTEM				E-48	MOBILE COLD FOOD COUNTERS			
E-17	SLICER				E-48	MOBILE COLD FOOD COUNTERS			
E-21	ICE MACHINE				E-49	MOBILE MILK COOLERS			
E-22	20-QUART MIXER W/MOBILE STAND				E-49	MOBILE MILK COOLERS			
E-24	MOBILE REACH-IN FREEZER				E-50	MOBILE CASHIER COUNTERS			
E-36	UTILITY DISTRIBUTION SYSTEM				E-50	MOBILE CASHIER COUNTERS			
E-37	EXHAUST HOOD								
E-38	FIRE SUPRESSION SYSTEM								
E-43	REACH-IN REFRIGERATORS								
E-43	REACH-IN REFRIGERATORS								
E-44	MOBILE HOT FOOD HOLDING CABINETS								
E-44	MOBILE HOT FOOD HOLDING CABINETS								
E-44	MOBILE HOT FOOD HOLDING CABINETS								
E-44	MOBILE HOT FOOD HOLDING CABINETS								
E-46	MOBILE HOT FOOD COUNTERS								

GENERAL NOTES:

1. BRANCH CIRCUIT HOMERUNS SHALL BE SIZED FOR VOLTAGE DROP BASED UPON THE FOLLOWING FOR 120V, 1ø, 20A LOADS:
   #12 - 0'-70'
   #10 - 71'-110'
   #8 - 111'-175'
   #6 - 176'-280'
   PROVIDE APPROPRIATE HARDWARE TERMINATION FOR ASSOCIATED WIRE SIZE.
2. BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP. UPSIZE WIRE AS REQUIRED.
3. SEE ARCHITECTURAL DRAWINGS FOR EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
4. ADD ALTERNATE #1:
   UPGRADE EXISTING FIRE ALARM SYSTEM TO INCLUDE A VOICE EVACUATION SYSTEM.

SPECIFIC NOTES:

1. FOR FLUSH VALVE, 24V POWERED.
2. FOR LAVATORY SYSTEM.
3. 100A/NF/3P,3W/208V/N-3R DISCONNECT SWITCH FOR CU-D1 UNIT. PROVIDE 3 #1 & 1 #8(G) IN 1-1/4"R BRANCH CIRCUIT.
4. 100A/NF/3P,3W/208V/N-1 DISCONNECT SWITCH FOR AHU-D1 UNIT. PROVIDE 3 #1 & 1 #8(G) IN 1-1/4"R BRANCH CIRCUIT.
5. 200A/NF/3P,3W/208V/N-1 DISCONNECT SWITCH FOR DOASPU-01 UNIT. PROVIDE 3 #2/0 & 1 #6(G) IN 1-1/2"R BRANCH CIRCUIT.
6. 200A/NF/3P,3W/208V/N-3R DISCONNECT SWITCH FOR DOASCU-D1 UNIT. PROVIDE 3 #1 & 1 #6(G) IN 1-1/4"R BRANCH CIRCUIT.
7. 100A/NF/3P,3W/208V/N-3R DISCONNECT SWITCH FOR VRCU-D1 UNIT. PROVIDE 3 #1 & 1 #8(G) IN 1-1/4"R BRANCH CIRCUIT.
8. 200A/NF/3P,3W/208V/N-3R DISCONNECT SWITCH FOR VRCU-D1 UNIT. PROVIDE 3 #3/0 & 1 #6(G) IN 2"R BRANCH CIRCUIT.
9. FOR WASHER.
10. NEMA 14-30R FOR DRYER. PROVIDE 3 #10 & 1 #10(G) IN 3/4"R BRANCH CIRCUIT.



1 POWER & SS - BLDG D
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