MAYOR
HON. RANDY FANDAL

CITY COUNCIL AND DISTRICTS

HON. JEFF BURGOYNE	COUNCILMAN-AT-LARGE
HON. LESLIE DENHAM	DISTRICT "A"
HON. DAVID DUNHAM	DISTRICT "B"
HON. MEGAN HAGGERTY	DISTRICT "C"
HON. NICK DISANTI	DISTRICT "D"
HON. KENNY TAMBORELLA	DISTRICT "E"
HON. TREY BROWNFIELD	DISTRICT "F"
HON. CINDI KING	DISTRICT "G"

CITY ENGINEER
MR. BLAINE CLANCY, P.E.

CITY OF SLIDELL, LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
ST. TAMMANY PARISH, LOUISIANA

BIDDING DELIVERABLE - APRIL 2026
COS PROJECT NO. 3001-24
COS BID NO. 26-B015

PROJECT MAP



VICINITY MAP



APPROXIMATE SITE GPS COORDINATES
30.2831° NORTH
89.7745° WEST

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YOUR PROJECT • OUR PRIORITY • NO EXCUSES

PREPARED BY AND RECOMMENDED FOR APPROVAL BY

MP DESIGN GROUP, PLLC

STATE OF LOUISIANA
Bradford A. Jones
9187
REGISTERED ARCHITECT

BRADFORD A. JONES, AIA — APRIL 7, 2026 DATE — 9187 LICENSE NO.

APPROVED BY:

BLAINE CLANCY, P.E.
CITY OF SLIDELL

4-22-26
DATE

ALTERNATES

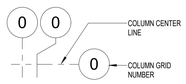
ALTERNATE #1:
ALTERNATE #1 IS THE VEHICLE PROCESSING BUILDING IN ITS ENTIRETY.

ALTERNATE #2:
ALTERNATE #2 IS THE POWDER COATED STEEL WINDOW SHROUD, SOLID SURFACE COUNTERS AND WINDOW SILLS WHERE SHOWN.

ALTERNATE #3:
ALTERNATE #3 IS ASPHALT SITE PAVEMENT AND CURB & GUTTER IN LIEU OF CONCRETE SITE PAVEMENT AND VERTICAL CURB.

GENERAL GRAPHIC LEGEND

SYMBOL-COLUMN GRID



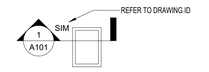
SYMBOL-FINISHED FLOOR ELEVATION



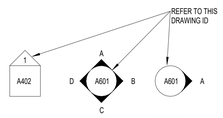
SYMBOL-SPOT ELEVATION



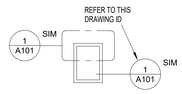
SYMBOL-BUILDING SECTION / WALL SECTION



SYMBOL-EXTERIOR ELEVATION / INTERIOR ELEVATION



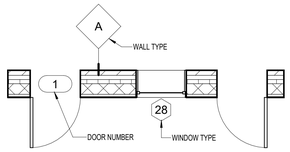
SYMBOL-DETAIL CALLOUT



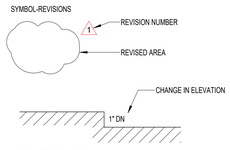
SYMBOL-ROOM TAG



SYMBOL-WALL / DOOR / WINDOW



SYMBOL-REVISIONS



ABBREVIATIONS INDEX

A

&	AND
@	AT
∠	ANGLE
A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADDT'L	ADDITIONAL
ADJ	ADJUSTABLE
AF	ACCESS FLOORING
AFD	AUTOMATIC FIRE DAMPER
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASF	ALUMINUM STORE FRONT
ATS	AUTOMATIC TRANSFER SWITCH

B

BTWN	BETWEEN
BIT	BITUMEN
BJ	BAR JOIST
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLT	BUILT
BM	BEAM
BO	BOTTOM OF
BR	BACKER ROD
BTWN	BETWEEN

C

CAP	CAPACITY
C/C	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CJ	CONTROL JOINT
CL	CLEAR
CLG	CEILING
CLO	CLOSET
CLR	COLOR
CMU	CONCRETE MASONRY UNIT
CONTR	CONTRACTOR
COL	COLUMN
COMP	COMPRESSION OR COMPRESSED
CONC	CONCRETE
COND	CONDENSATE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPLNG	COUPLING
CPT	CARPET
CT	CERAMIC TILE
CTB	CERAMIC TILE BASE
CTR	CENTERS CENTER
CW	COLD WATER

D

DIA /	DIAMETER
DB	DRY BULB
DBL	DOUBLE
DEFL	DEFLECTION
DEPT	DEPARTMENT
DETI/DTL	DETAIL
DIS	DISCONNECT
DISP	DISPENSER
DK	DARK
DN	DOWN
DP	DAMP PROOFING OR DISTRIBUTION PANEL
DS	DOWNSPOUT
DWG(S)	DRAWING(S)

E

EA	EACH
EDF	ELECTRONIC DRINKING FOUNTAIN
EF	EXHAUST FAN
EFC	EACH FACE
EXTR	EXTRUDED

E (CONT)

EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEL/EV	ELEVATION
EMBED	EMBEDDED
ENGR	ENGINEER
ENT	ENTERING/I ENTRY
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EXPOSED STRUCTURE
EXH	EXHAUST
EXPAN	EXPANSION
EXT	EXTERIOR

F

FA	FIRE ALARM
FAC	FIRE ALARM CABINET
FAP	FIRE ALARM PANEL
FAR	FIRE ALARM REMOTE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FH	FIRE HYDRANT
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CONC
FOB	FACE OF BRICK
FR	FRAME
FRP	FIBER REINFORCED PLASTIC
FS	FLOW SWITCH
FTG	FOOTING

G

GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GF CMU	GROUND FACE CMU
GL	GLASS
GPM	GALLONS PER MIN.
GYP BD	GYPSUM BOARD

H

HB	HOSE BIB
HC	HANDICAP
HCP	HVAC CONTROL PANEL
HDWR	HARDWARE
HM	HOLLOW METAL
HP	HIGH POINT
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HW	HOT WATER
HVAC	HEATING, VENTILATION, AIR CONDITIONING

I

IC	INTERCOM
INSUL	INSULATION
INT	INTERIOR
INV	INVERT

J

JAN	JANITOR
JNT	JOINT
JST	JOIST

K

LAM	LAMINATE(D)
LAT	LAY-IN ACOUSTICAL CEILING
LAV	LAVATORY
LF	LINEAR FEET
LG	LEG
LP	LIGHT POLE

L

LAM	LAMINATE
LAV	LAVATORY
LC	LIGHTING CONTACTOR
LP	LIGHTING PANEL
LT	LIGHT

M

MA	MIXED AIR
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MDP	MAIN DISTRIPUTION PANEL
ME	MECHANICAL EQUIPMENT
MECH	MECHANICAL
MFR/MFGR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MAS	MODIFIED
MRV	MOISTURE RELEASE VENT
MT	METAL THRESHOLD
MTD	MOUNTED
MTL	METAL

N

N/A	NOT APPLICABLE
NF	NATURAL FINISH
NIC	NOT IN CONTRACT
NO / #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE

P

±, +/_	PLUS OR MINUS
PT	PAINT
PARTN	PARTITION
PRE-FIN	PRE FINISH(ED)
PL	PLATE
PPL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PNL	PANEL
PP	POWER POLE / POWER PANEL
PR	PAIR
PRE FAB	PREFABRICATED
PROJ	PROJECTION
PSF	POUNDS/SQUARE INCH
PTD	PAPER TOWEL DISPENSER

Q

QT	QUARRY TILE
GTB	QUARRY TILE BASE
GTY	QUANTITY

R

RA	RETURN AIR
RB	RUBBER BASE
RD	ROOF DRAIN
RE:	REFER TO...
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
REQD	REQUIRED

R (CONT)

RET	RETURN
RM	ROOM
R.O	ROUGH OPENING
RTU	ROOF TOP UNIT

S

SA	SUPPLY AIR
SAN	SANITARY
SAPM	SELF ADHERING FLASHING MEMBRANE
SCHED	SCHEDULE
SCO	SANITARY CLEANOUT
SCWD	SOLID CORE WOOD
SECT	SECTION
SF	STOREFRONT/ SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SL	SLOPE
SP	SPACING
SPEC	SPECIFIED / SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUP	SUPPLY
SUSP	SUSPENDED
SYN	SYNTHETIC

T

TB	TELECOMMUNICATION BACKERBOARD
T&B	TOP & BOTTOM
TBM	TEMPORARY BENCH MARK
TEL	TELEPHONE
T&G	TOUNGE & GROOVE
THRESH	THRESHOLD
TLT	TOILET
T.O.	TOP OF
T.O.B.	TOP OF BEAM
T.O.S.	TOP OF STRUCTURE
TP	TOILET PAPER HOLDER
TR	TELECOMMUNICATION RACK
TRANS	TRANSFORMER
TRTD	TREATED
TYP	TYPICAL ALL SIMILAR CONDITIONS

U

UC	UNDER COUNTER
UL	UNDERWRITER'S LABORATORY
UNO	UNLESS NOTED OTHERWISE

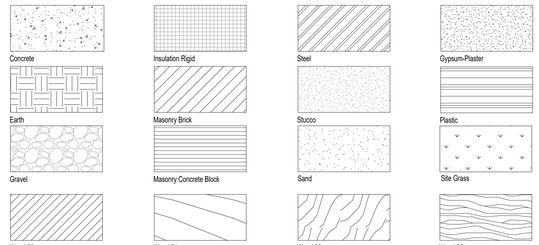
V

VAR	VARIES
VD	VOLUME DAMPER
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
VTR	VENT-THRU-ROOF
VWC	VINYL WALL COVERING

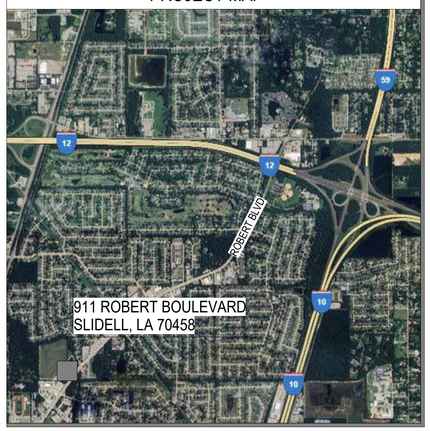
W

W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WD	WOOD
WG	WATER GAUGE
WGVP	WIRE GLASS VISION PANEL
WH	WATER HEATER
WP	WATERPROOFING
WPMB	WATERPROOFING MEMBRANE

MATERIAL HATCH LEGEND



PROJECT MAP



VICINITY MAP



PROJECT GENERAL NOTES

1. THE CONSTRUCTION DOCUMENTS ARE COMPRISED OF BOTH DRAWINGS AND SPECIFICATIONS (PROJECT MANUAL). THE GENERAL CONTRACTOR SHALL NOT BREAK OUT SECTIONS TO SUB-CONTRACTORS OR VENDORS.
2. DO NOT SCALE DRAWINGS; IF DIMENSIONS ARE IN QUESTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
3. BIDDERS SHALL FIELD VERIFY ALL EXISTING CONDITIONS ON THE PROJECT JOB SITE PRIOR TO BIDDING.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK OF ALL TRADES TO ENSURE A USABLE & FUNCTIONAL END PRODUCT. ANY CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CLARIFIED BY THE ARCHITECT/ENGINEER. IF NO CLARIFICATION IS ISSUED THE BIDDER SHALL BID THE MOST STRINGENT PRODUCT OR APPLICATION.
5. IF ANY MATERIAL SUSPECTED TO CONTAIN ASBESTOS IS DISCOVERED ALL WORK IN THE VICINITY SHALL BE IMMEDIATELY SUSPENDED. THE OWNER AND ARCHITECT SHALL BE NOTIFIED IN WRITING AND NO WORK SHALL RESUME IN THE SUSPECT AREA UNTIL A CERTIFIED INSPECTION, VERIFICATION AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIAL IS PERFORMED. NO NEW MATERIAL SHALL CONTAIN ASBESTOS.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PROTECTING ALL CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS, AND TEMPORARY FACILITIES ON THE JOB SITE FOR THE DURATION OF THE PROJECT.
7. GENERAL CONTRACTOR SHALL PLACE AND MAINTAIN THROUGHOUT DURATION OF PROJECT SPECIFIED GROUND MATERIAL OVER SOILS ADJACENT TO BUILDING PRIOR TO INSTALLING EXTERIOR WALL FINISH MATERIALS TO PREVENT STAINING ON FINISHED PRODUCT. ALL STAINS ON EXTERIOR WALL MATERIALS SHALL BE CLEANED AND FULLY REMOVED BEFORE SUBSTANTIAL COMPLETION OF PROJECT AT NO ADDITIONAL COST TO THE OWNER. IF STAINS CAN NOT BE REMOVED FROM THE FINISH MATERIALS, THE MATERIAL MUST BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
8. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION. CONTRACTOR IS PROCEEDING AT HIS OWN RISK IF MATERIAL OR COMPONENTS ARE INSTALLED PRIOR TO RECEIVING REVIEWED AND EXECUTED SHOP DRAWINGS AND SUBMITTALS. CONTRACTOR SHALL TAKE LIABILITY FOR REMOVAL AND REPLACEMENT, AT NO ADDITIONAL COST TO THE OWNER, OF ALL MATERIAL, COMPONENTS AND LABOR FOR WORK INSTALLED WITHOUT SIGNED/STAMPED/APPROVED SHOP DRAWINGS AND SUBMITTALS.
9. ALL WORK ASSOCIATED WITH THIS PROJECT INCLUDING DEMOLITION AND NEW CONSTRUCTION, SHALL STRICTLY ADHERE TO ALL APPLICABLE SAFETY GUIDELINES AND REQUIREMENTS SET FORTH BY LOCAL, FEDERAL AND CIVIL LAWS/REGULATIONS.
10. GENERAL CONTRACTOR, SUB-CONTRACTORS AND SUPPLIERS SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE. ACCUMULATION OF TRASH OR DEMOLITION/CONSTRUCTION DEBRIS WITHIN OR OUTSIDE OF CONSTRUCTION SITE IS PROHIBITED. DEMOLITION/CONSTRUCTION DEBRIS AND TRASH SHALL BE REMOVED FROM SITE ON A DAILY BASIS. CONTRACTOR SHALL PROVIDE APPROPRIATE DUMPSTER(S) IN DESIGNATED AREAS PER CODES AND OWNER DIRECTION/REGULATIONS.
11. GENERAL CONTRACTOR SHALL VERIFY COMPATIBILITY OF ALL NEW MATERIALS TO BE INSTALLED OR APPLIED TO NEW OR EXISTING SURFACES. GENERAL CONTRACTOR SHALL FOLLOW ALL MANUFACTURER REQUIREMENTS, INSTRUCTIONS, AND RECOMMENDATIONS FOR INSTALLATION AND WARRANTY OF ALL MATERIAL USED ON THIS PROJECT. MANUFACTURER WARRANTIES SHALL BE ISSUED WHERE WARRANTIES ARE AVAILABLE. ALL PROJECT WORK SHALL USE MANUFACTURER APPROVED AND COMPATIBLE MATERIALS AND METHODS, INCLUDING ADHESIVES, SEALANTS, SOLVENTS, ETC.
12. ALL ROOF WORK TO BE PERFORMED SHALL MEET ROOFING MANUFACTURERS REQUIREMENTS FOR WARRANTY COVERAGE. ALL ROOFING WORK TO BE ACCOMPLISHED SHALL BE INSTALLED BY AN APPLICATOR WHICH IS APPROVED BY THE ROOFING MANUFACTURER. ROOFING APPLICATOR SHALL PROVIDE PROOF OF ACCEPTANCE BY MANUFACTURER PRIOR TO ANY WORK. ALL PENETRATIONS THROUGH NEW OR EXISTING ROOFING SHALL BE INSTALLED PER MANUFACTURER'S STANDARD APPLICATION DETAILS. NO WORK COMPLETED SHALL VOID ANY WARRANTY ON ANY EXISTING ROOF SYSTEM. ALL NEW ROOFING WORK SHALL BE COMPATIBLE WITH ANY EXISTING ROOF SYSTEM INSTALLED.
13. ALL BID AMOUNTS MUST BE BASED ON THE MOST STRINGENT REQUIREMENT CALLED FOR IN THE COMPLETE CONSTRUCTION DOCUMENT PACKAGE. IN ADDITION, THE MOST STRINGENT REQUIREMENT SHOWN SHALL GOVERN AND TAKE PRECEDENCE IN THE EVENT OF ANY AND ALL CONFLICTS BETWEEN DIFFERENT DRAWINGS (PLANS, ELEVATIONS, DETAILS, SECTIONS, SCHEDULES, ETC...) BETWEEN DIFFERENT SPECIFICATION SECTIONS, WITHIN SPECIFICATION SECTIONS, AND BETWEEN THE DRAWINGS AND THE SPECIFICATIONS. IT WILL BE THE GENERAL CONTRACTORS RESPONSIBILITY TO BRING ANY AND ALL DISCREPANCIES TO THE ARCHITECT'S ATTENTION FOR FURTHER CLARITY PRIOR TO SUBMITTING A FORMAL BID.
14. ALL SITE INSPECTIONS, SITE VISITS, SITE MEETINGS, ETC... NOT PREVIOUSLY SCHEDULED, WHICH ARE REQUIRED FOR ANY REASON, ARRANGED OR SCHEDULED BY THE GENERAL CONTRACTOR, OR ANY OF THE PROJECT 'S SUBCONTRACTORS, VENDERS, SUPPLIERS, ETC... THAT REQUIRE THE INVOLVEMENT OF ANY EMPLOYEE OF MP DESIGN GROUP OR ANY CONSULTANT OF MP DESIGN GROUP SHALL BE ARRANGED AND FINALIZED IN WRITING AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE WITH MP DESIGN GROUP.

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THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THE BIDS / CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEERED PLAN SET SHALL OVERRIDE ANY DISCREPANCIES OCCUR. THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERED PLAN SET SHALL OVERRIDE ANY DISCREPANCIES THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR,

ADA & ABA GENERAL NOTES

1. ITEMS, DIMENSIONS, AND CLEARANCES SHOWN ON THESE DIAGRAMS ARE TYPICAL PROJECT TO PROJECT CONDITIONS AND ARE NOT INTENDED TO BE ALL INCLUSIVE, NOR MAY THEY ALL BE APPLICABLE FOR THIS SPECIFIC PROJECT. THEY ARE SHOWN FOR GENERAL REFERENCE PURPOSES ONLY DEPICTING THE MINIMUM REQUIREMENTS ALLOWED BY THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA). THEY DO NOT REPRESENT A COMPLETE LISTING OF GUIDELINES OR STANDARDS NECESSARY TO MEET THE 2010 ADA ACCESSIBILITY CODE REQUIREMENTS. THE OVERALL INTENT OF THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT IS FOR IT TO BE IN FULL COMPLIANCE WITH THE 2010 ADA IN ITS ENTIRETY. IF A SITUATION ARISES DURING CONSTRUCTION WHERE A DISCREPANCY OCCURS BETWEEN A DESIGNED DETAIL OR A BUILT CONDITION AND THE MINIMUM REQUIREMENTS SET FORTH BY THESE DIAGRAMS OR ANY DIAGRAM IN THE 2010 ADA, THEN IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE ARCHITECT TO ASSIST WITH MAKING A RESOLUTION PRIOR TO MOVING FORWARD WITH CONSTRUCTION OF THE AFFECTED DETAIL.
2. ALL DIMENSIONS ARE INDICATED IN INCHES UNLESS NOTED OTHERWISE.
3. ALL GRAPHICS SHOWN ARE TAKEN FROM THE LATEST EDITION OF AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES.
4. ADDITIONAL ADA/ABA REQUIREMENTS MAY BE REQUIRED BY LOCAL JURISDICTION, STATE AND LOCAL GOVERNMENT AND LOCAL ORDINANCES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL REQUIREMENTS AND IMPLEMENTING THESE REQUIREMENTS.
5. IF LOCAL JURISDICTION, STATE AND LOCAL GOVERNMENT AND LOCAL ORDNANCES DIFFER FROM WHAT IS SHOWN ON THIS SHEET THE CONTRACTOR SHALL BRING IT TO THE ARCHITECTS ATTENTION IN WRITING PRIOR TO BIDDING.

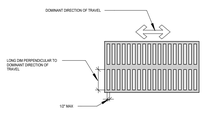


FIGURE 302.3
ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES



FIGURE 303.2
VERTICAL CHANGE IN LEVEL

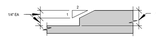


FIGURE 303.3
BEVELED CHANGE IN LEVEL

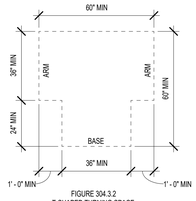


FIGURE 304.3.2
T-SHASPED TURNING SPACE

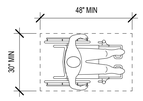


FIGURE 305.3
CLEAR FLOOR OR GROUND SPACE

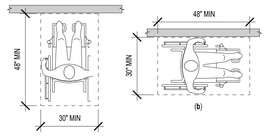


FIGURE 305.5
POSITION OF CLEAR FLOOR OR GROUND SPACE

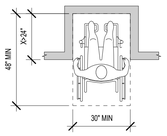


FIGURE 305.7.1
MANEUVERING CLEARANCE IN AND ALCOVE, FORWARD APPROACH

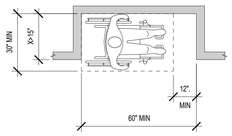


FIGURE 305.7.2
MANEUVERING CLEARANCE IN AND ALCOVE, PARALLEL APPROACH

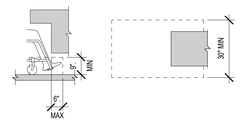


FIGURE 306.2
TOE CLEARANCE

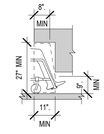
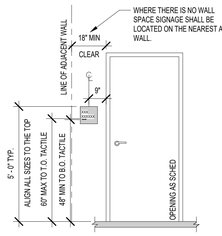


FIGURE 306.3
KNEE CLEARANCE



ADA SIGN MOUNTING HEIGHT

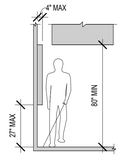


FIGURE 307.2
LIMITS OF PROTRUDING OBJECTS

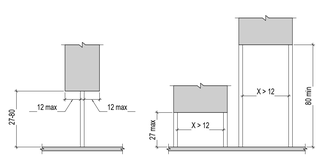


FIGURE 307.3
POST-MOUNTED PROTRUDING OBJECTS

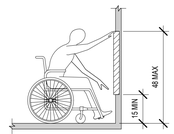


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

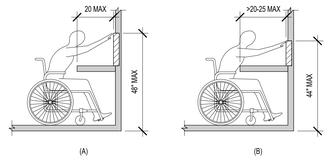


FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

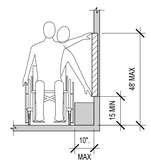


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

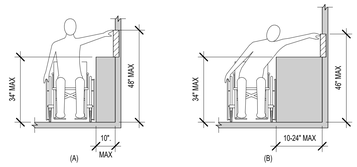


FIGURE 308.3.2
OBSTRUCTED HIGH SIDE REACH

FIGURE 403.5.1
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

CLEAR WIDTH OF AN ACCESSIBLE ROUTE; BYPASSING



FIGURE 403.5.2
CLEAR WIDTH AT TURN

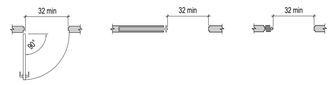


FIGURE 404.2.3
CLEAR WIDTH OF DOORWAYS

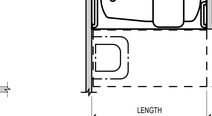


FIGURE 404.2.4.1
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

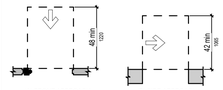


FIGURE 404.2.4.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS

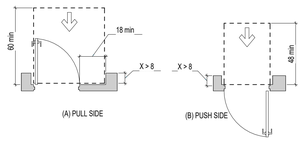


FIGURE 404.2.4.3
MANEUVERING CLEARANCE AT RECESSED DOORS AND GATES

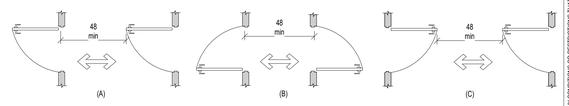


FIGURE 404.2.6
DOORS IN SERIES AND GATES IN SERIES

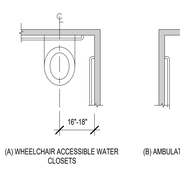


FIGURE 604.2
WATER CLOSET LOCATION

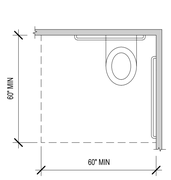


FIGURE 604.3.1
SIZE OF CLEARANCE AT WATER CLOSETS

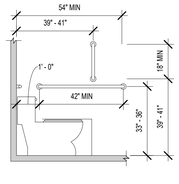


FIGURE 604.5.1
SIDE WALL GRAB BAR FOR WATER CLOSET

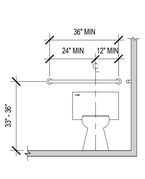


FIGURE 604.5.2
REAR WALL GRAB BAR FOR WATER CLOSET

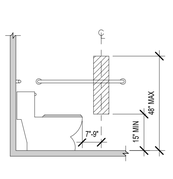


FIGURE 604.7
DISPENSER OUTLET LOCATION

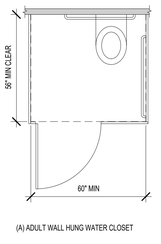


FIGURE 604.8.1.1
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS

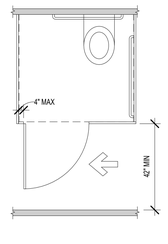


FIGURE 604.8.1.2
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS

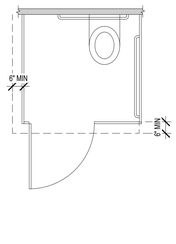
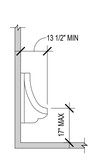


FIGURE 604.8.1.4
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE



(A) WALL HUNG TYPE

FIGURE 606.2
HEIGHT AND DEPTH OF URINALS

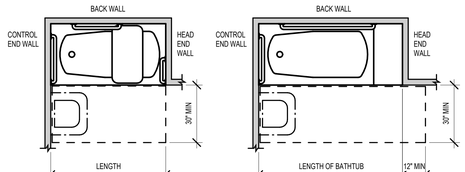


FIGURE 607.2
CLEARANCE FOR BATHTUBS

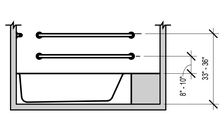


FIGURE 607.4.1
GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS

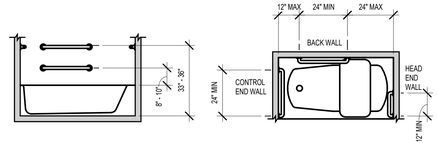


FIGURE 607.4.2
GRAB BARS FOR BATHTUBS WITH REMOVABLE IN-TUB SEATS

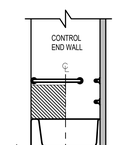


FIGURE 607.5
BATHTUB CONTROL LOCATION

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
918 Howard Ave Suite F
Biloxi, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us

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REGISTERED ARCHITECT
STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ADA & ABA STANDARDS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

G102

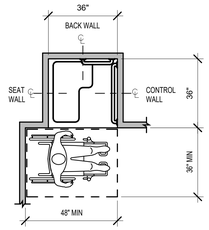
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1"
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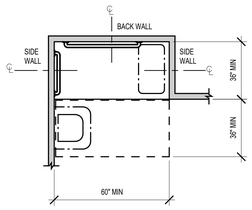
ADA & ABA GENERAL NOTES

1. ITEMS, DIMENSIONS, AND CLEARANCES SHOWN ON THESE DIAGRAMS ARE TYPICAL PROJECT TO PROJECT CONDITIONS AND ARE NOT INTENDED TO BE ALL INCLUSIVE, NOR MAY THEY ALL BE APPLICABLE FOR THIS SPECIFIC PROJECT. THEY ARE SHOWN FOR GENERAL REFERENCE PURPOSES ONLY DEPICTING THE MINIMUM REQUIREMENTS ALLOWED BY THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA). THEY DO NOT REPRESENT A COMPLETE LISTING OF GUIDELINES OR STANDARDS NECESSARY TO MEET THE 2010 ADA ACCESSIBILITY CODE REQUIREMENTS. THE OVERALL INTENT OF THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT IS FOR IT TO BE IN FULL COMPLIANCE WITH THE 2010 ADA IN ITS ENTIRETY. IF A SITUATION ARISES DURING CONSTRUCTION WHERE A DISCREPANCY OCCURS BETWEEN A DESIGNED DETAIL OR A BUILT CONDITION AND THE MINIMUM REQUIREMENTS SET FORTH BY THESE DIAGRAMS OR ANY DIAGRAM IN THE 2010 ADA, THEN IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE ARCHITECT TO ASSIST WITH MAKING A RESOLUTION PRIOR TO MOVING FORWARD WITH CONSTRUCTION OF THE AFFECTED DETAIL.
2. ALL DIMENSIONS ARE INDICATED IN INCHES UNLESS NOTED OTHERWISE.
3. ALL GRAPHICS SHOWN ARE TAKEN FROM THE LATEST EDITION OF AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES.
4. ADDITIONAL ADA/ABA REQUIREMENTS MAY BE REQUIRED BY LOCAL JURISDICTION, STATE AND LOCAL GOVERNMENT AND LOCAL ORDNANCES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL REQUIREMENTS AND IMPLEMENTING THESE REQUIREMENTS.
5. IF LOCAL JURISDICTION, STATE AND LOCAL GOVERNMENT AND LOCAL ORDNANCES DIFFER FROM WHAT IS SHOWN ON THIS SHEET THE CONTRACTOR SHALL BRING IT TO THE ARCHITECTS ATTENTION IN WRITING PRIOR TO BIDDING.



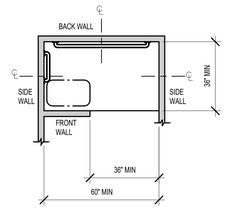
NOTE: INSIDE FINISHED DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

FIGURE 608.2.1
TRANSFER TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE



NOTE: INSIDE FINISHED DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

FIGURE 608.2.2
STANDARD ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE



NOTE: INSIDE FINISHED DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

FIGURE 608.2.3
ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

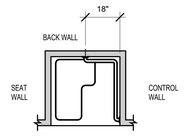


FIGURE 608.3.1
GRAB BARS FOR TRANSFER-TYPE SHOWERS

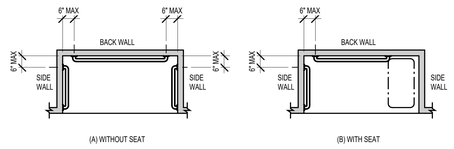


FIGURE 608.3.2
GRAB BARS FOR STANDARD ROLL-IN TYPE SHOWERS

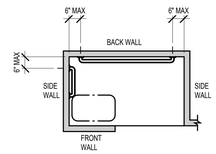


FIGURE 608.3.3
GRAB BARS FOR ALTERNATE ROLL-IN TYPE SHOWERS

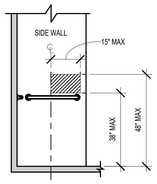
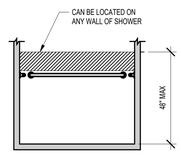
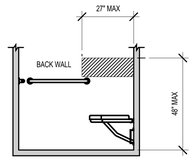


FIGURE 608.5.1
TRANSFER-TYPE SHOWER COMPARTMENT CONTROL LOCATION

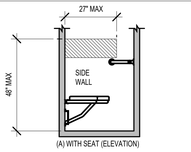


(A) WITHOUT SEAT



(B) WITH SEAT

FIGURE 608.5.2
STANDARD ROLL-IN TYPE SHOWER COMPARTMNET CONTROL LOCATION



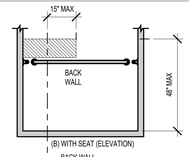


FIGURE 608.5.3
ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

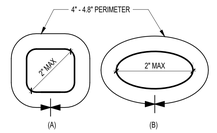


FIGURE 609.2.2
GRAB BAR NON-CIRCULAR CROSS SECTION

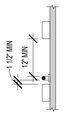


FIGURE 609.3
SPACING OF GRAB BARS

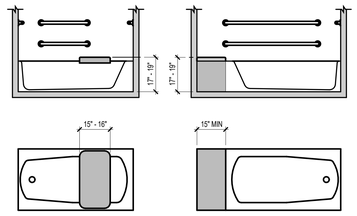


FIGURE 610.2
BATHTUB SEATS

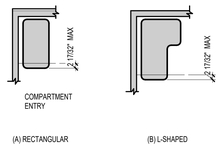


FIGURE 610.3
EXTENT OF SEAT

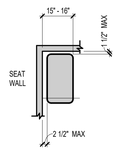


FIGURE 610.3.1
RECTANGULAR SHOWER SEAT

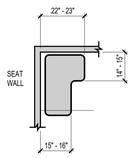
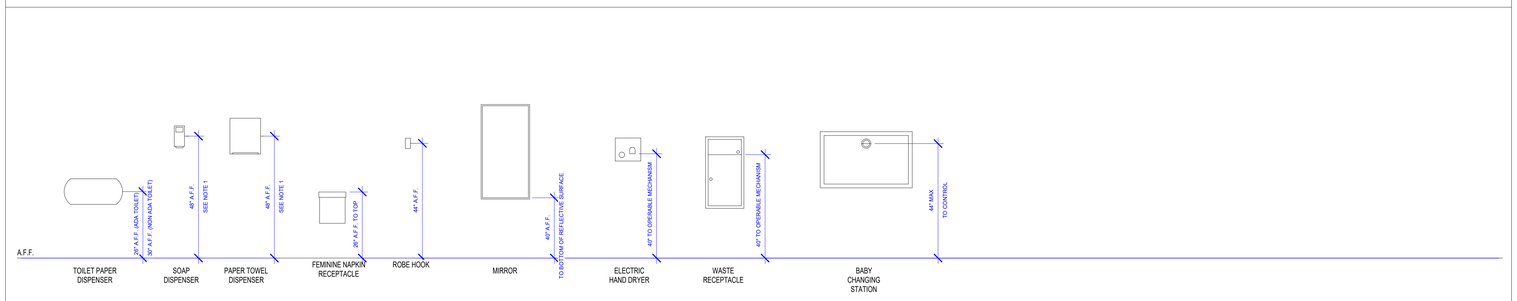


FIGURE 610.3.2
L-SHAPED SHOWER SEAT

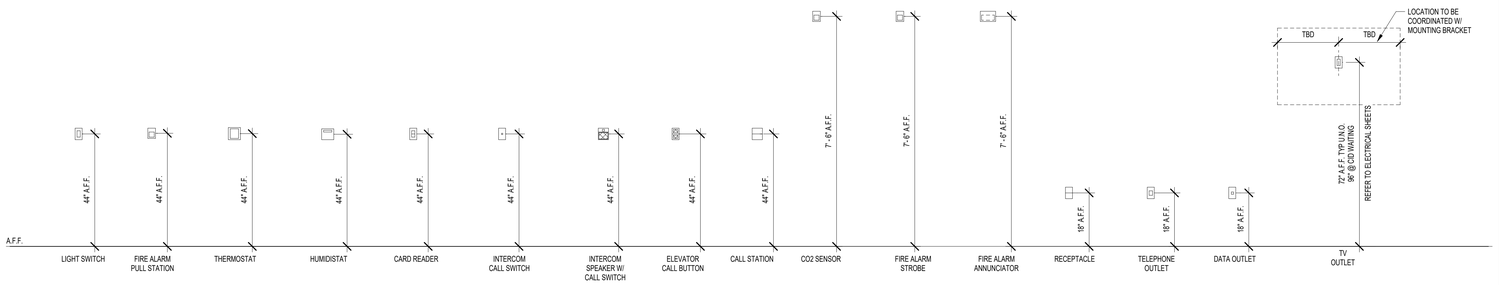
TYP. MOUNTING HEIGHT GENERAL NOTES

1. ANY DEVICE WITH OPERABLE COMPONENTS TO BE 48" MAX TO TOP OF OPERABLE COMPONENT. GC TO NOTIFY ARCHITECT PRIOR TO INSTALLATION OF ANY DEVIATIONS FROM THIS ADA MAXIMUM OPERABLE REACH HEIGHT.
2. ANY DEVICE WITH OPERABLE COMPONENTS TO BE 15" MIN TO BOTTOM OF OPERABLE COMPONENT. GC TO NOTIFY ARCHITECT PRIOR TO INSTALLATION OF ANY DEVIATIONS FROM THIS ADA MINIMUM OPERABLE REACH HEIGHT.
3. ALL TYPICAL MOUNTING HEIGHT DIMENSIONS SHOWN HEREIN ARE TO CENTERLINE OF DEVICE OR FIXTURE U.N.O.

TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS



TYPICAL PLATE AND DEVICE MOUNTING HEIGHTS



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MACHADO · PATANO · KILPATRICK · JONES
918 Howard Ave Suite F
Biloxi, Mississippi 39530
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REGISTERED ARCHITECT
STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ADA & ABA STANDARDS, CONT. AND TYPICAL MOUNTING HEIGHTS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

G103

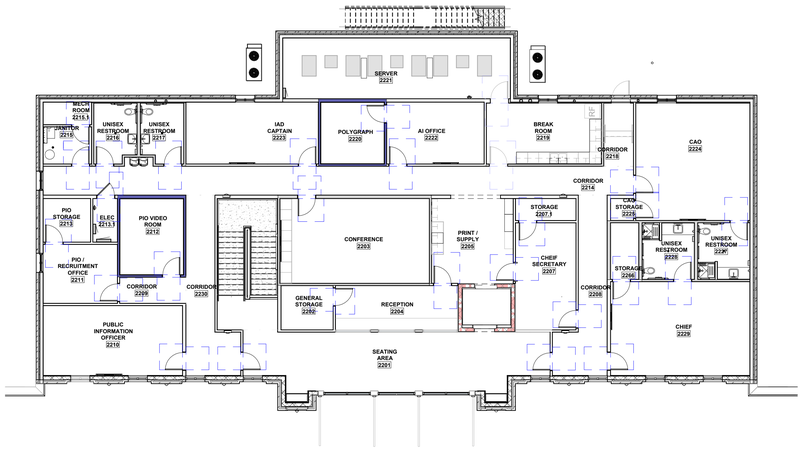
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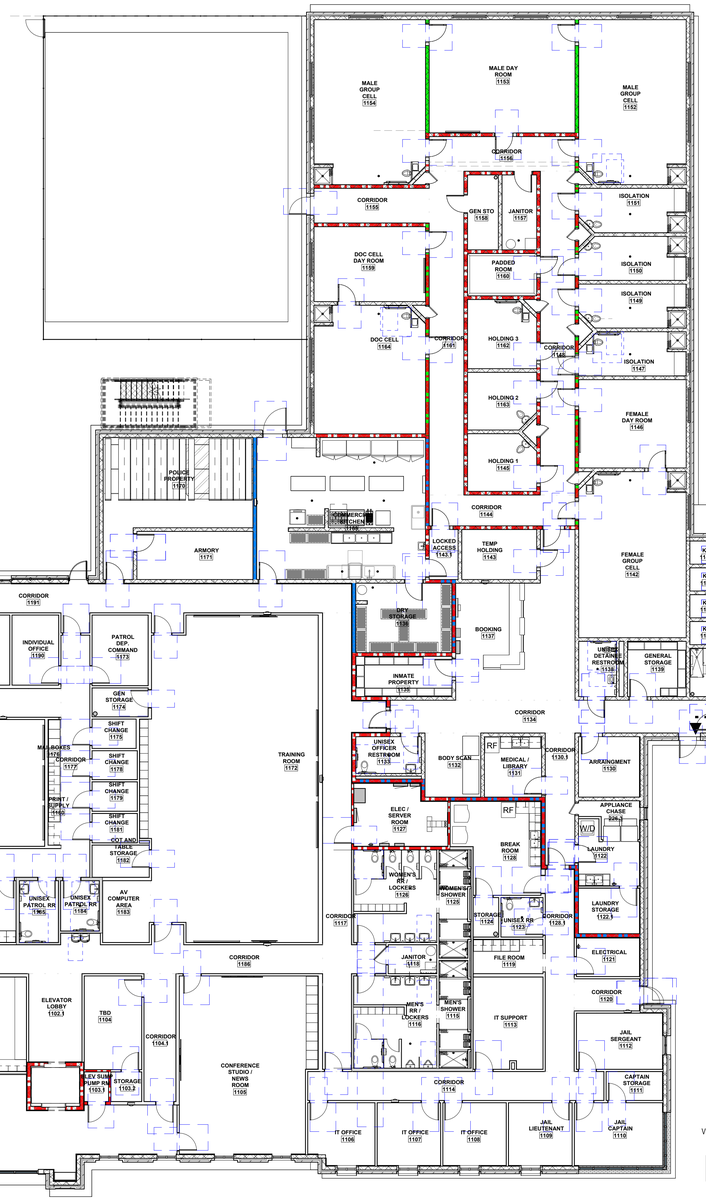
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ADA CLEARANCES GENERAL NOTES

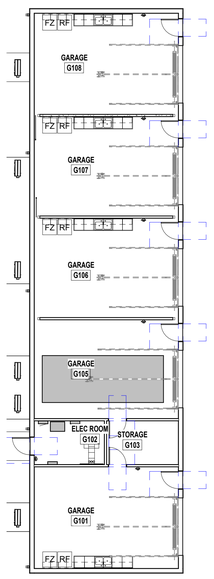
1. THIS PLAN IS SHOWN FOR GENERAL COORDINATION PURPOSES TO ENSURE ACCESSIBLE DOOR CLEARANCES ARE PROVIDED AND MAINTAINED.
2. DOOR PUSH AND PULL CLEARANCES ARE SHOWN AT ALL DOOR LOCATIONS TO INDICATE COMPLIANCE WITH ADA & ABA REQUIREMENTS. SEE SHEET G102 FOR REFERENCE.
3. THE USE OF CLOSERS ARE INDICATED AT EACH DOOR IN ORDER TO ENSURE ADDITIONAL INCHES REQUIRED WILL COMPLY WITH HARDWARE AS SCHEDULED. SEE OPENING SCHEDULE.
4. STRUCTURAL GRID NOT SHOWN ON THIS SHEET FOR CLARITY.



2 G104 SECOND FLOOR MAIN BUILDING - ADA CLEARANCE PLAN
3/32" = 1'-0"



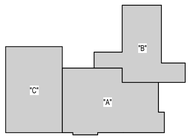
1 G104 FIRST FLOOR MAIN BUILDING - ADA CLEARANCE PLAN
3/32" = 1'-0"



3 G104 VEHICAL PROCESSING BUILDING - ADA CLEARANCE PLAN
3/32" = 1'-0"

ALTERNATE #1

KEY PLAN



VEHICAL PROCESSING BUILDING ALTERNATE "D"

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
918 Howard Ave Suite F
Biloxi, Mississippi 39530
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Bradford A. Jones 9107 State of Louisiana

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

FIRST AND SECOND FLOOR - ADA CLEARANCE PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

G104

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

4/10/2026 2:57:19 PM

CODE STUDY

PART 1: GENERAL PROJECT INFORMATION

PROJECT:
- NAME: Slidell Police Department Facility
- ADDRESS: 911 Robert Boulevard, Slidell, LA 70458
- USE: Police Department Office and Detention Center
- PROJECT #'s: MP: 0315.23.001; OWNER: 3001-24; BID #: 26-B015

OWNER:
- NAME: City of Slidell, Louisiana
- CONTACT: Daniel M. Seuzenuau, Chief Administration Officer
- ADDRESS: 2112 Sgt. Alfred Drive, Slidell, LA 70458
- PHONE: 985-646-6181
- E-MAIL: daniel@slidellpd.com

CONTRACTOR:
- NAME
- CONTACT:
- ADDRESS
- PHONE:
- E-MAIL:

DESIGN FIRM:
- NAME: MP Design Group, PLLC
- CONTACT: Bradford Jones, AIA and Gerrod Kilpatrick, P.E.
- ADDRESS: 918 Howard Ave F, Biloxi, MS 39530
- PHONE: 228-388-1950
- E-MAIL: bjones@mpdesigngroup.us & gkilpatrick@mpdesigngroup.us
- WEBSITE: www.mpdesigngroup.us
- PLAN ROOM: www.mpdesigngroupplans.us

DESIGN TEAM:

DISCIPLINE	NAME:	LICENSE #:
ARCHITECTURE	Bradford Jones	# 9187
CIVIL	Gerrod Kilpatrick	# 34281
ELECTRICAL	Bradley Patano	# 32808
FIRE ALARM	Bradley Patano	# 32808
PLUMBING	Micah van Duijvendijk	# 37738
MECHANICAL	Micah van Duijvendijk	# 37738
FIRE SUPPRESSION	Micah van Duijvendijk	# 37738
STRUCTURAL	Charles Chapman	# 32650

PART 2: GENERAL CODE INFORMATION

2.1 BUILDING CODES:
- Louisiana State Uniform Construction Code (LSUCC)
- 2021 International Building Code (As Amended by LSUCC)
- 2021 International Mechanical Code (As Amended by LSUCC)
- 2021 International Plumbing Code (As Amended by LSUCC)
- 2021 International Fuel Gas Code (As Amended by LSUCC)
- 2021 International Energy Conservation Code (As Amended by LSUCC)
- 2020 National Electric Code (As Amended by LSUCC)
- 2025 LA Title 51 - Public Health Sanitary Code - Part XVIII - Jails, Prisons and Other Institutions of Detention or Incarceration

2.2 CONSTRUCTION DESCRIPTION:
New Construction with no renovation work. This project consists of a new two story police department with a new remote single story support building for vehicular evidence processing and all associated site work as called for in the drawings and specifications.

PART 3: EXISTING CONDITIONS

There are no existing buildings on site and there is no renovation work.

PART 4: BUILDING DATA

- Construction Type: IIB
- Mixed Construction: No
- Sprinkler System: Yes
- Sprinkler Type: NFPA 13 Wet
- Standpipes: No
- Building Height: 36' - 8"
- Number of Stories: 2
- Mezzanines: No
- High Rise: No
- Atriums: No
- Basements: No

PART 5: OCCUPANCY

5.0 BUILDING OCCUPANCY CLASSIFICATIONS (CHAPTER 3)

B	Business	General Office Areas
I-3	Institutional	Detention Areas
S-1	Storage	No high piled and no hazardous material storage
U	Utility	Sallyport and remote vehicular processing building

5.1 MIXED OCCUPANCY (TABLE 508.4): YES WITH THE FOLLOWING REQUIRED SEPARATIONS

B to I-3:	1 Hour (Sprinklered)
B to S-1	1 Hour (Sprinklered)
B to U	1 Hour (Sprinklered)
I-3 to B	1 Hour (Sprinklered)
I-3 to S-1	1 Hour (Sprinklered)
I-3 to U	1 Hour (Sprinklered)
S-1 to B	1 Hour (Sprinklered)
S-1 to I-3	1 Hour (Sprinklered)
S-1 to U	No separation required
U to B	1 Hour (Sprinklered)
U to S-1	No separation required
U to I-3	1 Hour (Sprinklered)

INCIDENTAL USE AREAS (TABLE 509.1): YES AS FOLLOWS

Laundry Room:	1 Hour or provide automatic sprinkler system.
I-3 Padded Cell:	1 Hour
Electrical Room:	If equipment is over 800 Amps, then provide panic hardware on the door and it must swing out. If there is a transformer over 112 1/2 kVA, then the room must be 1 hour rated. *See LS110 - Life Safety Sheet for electrical rooms that require rating and door hardware schedule for required panic hardware.*

ACCESSORY USE AREA(S): YES AS FOLLOWS

See sheets LS111 and LS112 for rooms considered as accessory to the main occupancies.

5.3 SPECIAL OCCUPANCIES (CHAPTER 4): YES AS FOLLOWS

Institutional I-3
Motor Vehicle Related - No Repair Work

PART 6: ALLOWABLE OCCUPANCY AREAS, STORIES, AND HEIGHTS

6.0 BUILDING HEIGHTS (TABLE 504.3 - SPRINKLERED)

OCCUPANCY	ALLOWED	ACTUAL
Business (B)	75 Feet	36' - 8"
Institutional (I-3)	75 Feet	17' - 4"
Storage (S-1)	75 Feet	17' - 4"
Utility (U)	75 Feet	17' - 4"

6.1 BUILDING STORIES (TABLE 504.4 - SPRINKLERED)

OCCUPANCY	ALLOWED	ACTUAL
Business (B)	4	2
Institutional (I-3)	2	1
Storage (S-1)	4	1
Utility (U)	3	1

6.2 FLOOR AREAS PER OCCUPANCY (TABLE 506.2 - SPRINKLERED MULTIPLE FLOORS)

OCCUPANCY	ALLOWED	ACTUAL 1ST	ACTUAL 2ND
Business (B)	69,000 sf	21,546 sf	6,619 sf
Institutional (I-3)	30,000 sf	8,401 sf	0 sf
Storage (S-1)	52,500 sf	2,346 sf	0 sf
Utility (U)	25,500 sf	967 sf	0 sf
Accessory	3,505 sf (10%)	1,796 sf	0 sf

6.3 BUILDING AREAS PER FLOOR SLAB

Main Building

First Floor	35,056 sf
Second Floor	6,619 sf
Total	41,675 sf

Remote Building (U) 2,313 sf

6.3 UNLIMITED BUILDING AREA USED: NO

6.4 BUILDING AREA MODIFICATIONS USED: NO

6.5 ACCESSIBLE ROOF: YES

There is an accessible portion of the second floor roof that is not regularly used by staff and never used by the public. It's intended use and sole purpose is for the occasional times where less than 5 police officers will be operating a drone for surveillance flight.

PART 7: OCCUPANT LOADS

See sheets LS111 and LS112

PART 8: FIRE PROTECTION REQUIREMENTS

8.1 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601)

BUILDING ELEMENT	REQ'D RATING	PROVIDED
Structural Frame:	0	0
Bearing Walls:		
Exterior	0	0
Interior	0	0
Non-Bearing Walls and Partitions:		
Exterior	0	0
Interior	0	0
Floor Construction:		
Including Supporting	0	0
Beams and Joists	0	0
Roof Construction:	0	0

8.2 OTHER RATED ELEMENTS

BUILDING ELEMENT	REQ'D RATING	PROVIDED
Corridor I-3	1	1
Corridor B	0	0
Corridor S-1	0	0
Elevator Shaft	1	1
Smoke Barrier I-3	1	0 *
Smoke Compartments I-3	1	0 **

* 408.6 Exception 3: A secure yard or court having a holding space 50 feet from the housing area that provides 6 square feet or more of refuge area per occupant, including residents, staff and visitors. *This required space is provided in the project within the fenced area outside of the excercise yard.*
** 408.6.1: The number of residents in any smoke compartment shall be not more than 200. The distance of travel to a door in a smoke barrier from any room door required as an exit access shall be not greater than 150 feet. The distance of travel to a door in a smoke barrier from any point in a room shall be not greater than 200 feet. *In this project, the occupancy of I-3 is less than 200, and the travel distances are less than 150 feet and 200 feet, respectively. See LS110 - Life Safety Plan.*

8.3 DRAFTSTOPPING: NO

8.4 BUILDINGS ON THE SAME LOT: YES, SEE CIVIL SHEETS FOR DISTANCES

8.5 LIFE SAFETY SYSTEMS

ITEM	PROVIDED
Automatic Sprinkler System:	Yes
Manual Fire Alarm System:	Yes
Smoke Detection System:	Yes
Exit Signs:	Yes
Emergency Lighting:	Yes
Panic Hardware:	Yes

PART 9: EXIT REQUIREMENTS

9.1 EXITS

FLOOR	REQUIRED	PROVIDED
First Floor	2	9
Second Floor	2	2

9.2 MEANS OF EGRESS WIDTH

ITEM	REQUIRED	PROVIDED
Doors (1st Floor) **	67"	324"
Doors (2nd Floor) **	36"	72"
Stairs *	36" ***	4'-4" Interior | 36" Exterior
Corridors	44"	60"

* Occupant load multiplied by .2 (sprinkler exception)
** Occupant load multiplied by .15 (sprinkler exception)
*** Accessible stairs are provided, so this is between the handrails. Automatic sprinkler system is provided so the required widthis reduced from 48" to 36". The provided dimensions are between the handrails.

9.3 BUILDING AND SPACE EXIT SEPARATION REQUIREMENTS

Automatic sprinkler system 1/3 floor and space diagonal rule used.

9.4 TRAVEL DISTANCE:

OCCUPANCY		ALLOWED	ACTUAL
B	Business	300 feet	See LS110
I-3	Institutional	200 feet	See LS110
S-2	Storage	400 feet	See LS110
U	Utility	400 feet	See LS110

9.6 EXTERIOR AREA FOR ASSISTED RESCUE: NOT NEEDED

PART 10: PLUMBING FIXTURE REQUIREMENTS

REFERENCE IBC / IPC PLUMBING FIXTURE REQUIREMENTS THIS SHEET

NON-DETENTION AREAS

ITEM	SEX	REQUIRED	PROVIDED
WATER CLOSETS:	MEN:	3	8 (4 URINALS)
	WOMEN:	3	8
	UNISEX:	0	10
LAVATORIES:	MEN:	3	6
	WOMEN:	3	6
	UNISEX:	0	6
SHOWERS:		0	7
DRINKING FOUNTAINS:		2	4
SERVICE SINK:		1	3

DETENTION AREAS

ITEM	SEX	REQUIRED	PROVIDED
WATER CLOSETS:		3	11
LAVATORIES:		3	11
SHOWERS:		3	8
DRINKING FOUNTAILS:		1	11

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11/26/25, 7:06 AM SC - Plumbing Fixture Calculator R25.0

IBC/IPC Plumbing Fixture Requirements

Edition: 2021

Occupancy	Description	Occupant Load / Number of Units or Rooms	Male Water Closets Ratio	Male Water Closets Required	Female Water Closets Ratio	Female Water Closets Required	Male Lavatories Ratio	Male Lavatories Required	Female Lavatories Ratio	Female Lavatories Required	Drinking Fountains Ratio	Drinking Fountains Required
Business	Buildings for the transaction of business, professional services, other service	160	1 per 25 for the first 50 then 1 per 50	2.60	1 per 25 for the first 50 then 1 per 50	2.60	1 per 40 for the first 80 then 1 per 80	2.00	1 per 40 for the first 80 then 1 per 80	2.00	1 per 100	1.60
Assembly	Auditoriums without permanent seating, art galleries, exhibition halls, museums	42	1 per 125	0.17	1 per 65	0.32	1 per 200	0.11	1 per 200	0.11	1 per 500	0.08
Storage	Structures for the storage of goods, warehouses, store-houses and freight depot	6	1 per 100	0.03	1 per 100	0.03	1 per 100	0.03	1 per 100	0.03	1 per 1,000	0.01
Storage	Structures for the storage of goods, warehouses, store-houses and freight depot	17	1 per 100	0.03	1 per 100	0.03	1 per 100	0.03	1 per 100	0.03	1 per 1,000	0.01
-	-	0	-	-	-	-	-	-	-	-	-	-
Totals		225	Exact	2.83		2.98		2.17		2.17		1.70
			Rounded	3		3		3		3		2

Print
Reset

11/26/25, 7:08 AM SC - Plumbing Fixture Calculator R25.0

IBC/IPC Plumbing Fixture Requirements

Edition: 2021

Occupancy	Description	Occupant Load / Number of Units or Rooms	Male Water Closets Ratio	Male Water Closets Required	Female Water Closets Ratio	Female Water Closets Required	Male Lavatories Ratio	Male Lavatories Required	Female Lavatories Ratio	Female Lavatories Required	Drinking Fountains Ratio	Drinking Fountains Required
Institutic	Reformatories, detention centers and correctional centers	68	1 per 15	2.27	1 per 15	2.27	1 per 15	2.27	1 per 15	2.27	1 per 100	0.68
-	-	0	-	-	-	-	-	-	-	-	-	-
-	-	0	-	-	-	-	-	-	-	-	-	-
-	-	0	-	-	-	-	-	-	-	-	-	-
-	-	0	-	-	-	-	-	-	-	-	-	-
Totals		68	Exact	2.27		2.27		2.27		2.27		0.68
			Rounded	3		3		3		3		1

Print
Reset

https://www.buildingcode.blog/plumbing-fixture-calculator.html

Slidell Police Department Roof Zones, Areas, and Insulation Thicknesses
IBC IECC Chapter 4 - C402.1.4 Assembly U-factor Based Method

SF	Second Floor
FF	First Floor
DT	Drain Thickness in inches
ART	Average Ridge Thickness
AIT	Average Insulation Thickness
RT	Ridge Thickness in inches

Zone	Level	Area	DT	ART	AIT	Insul R-Value	Total R-Value	U-Factor	U x Area
SF-1	2nd	1,974 sf	2	7.19	4.59	25.73	27.03	0.04	73.04
SF-2	2nd	1,974 sf	2	7.19	4.59	25.73	27.03	0.04	73.04
SF-3	2nd	2,550 sf	2	8.00	5.00	28.00	29.30	0.03	87.03
FF-1	1st	3,330 sf	2	7.63	4.81	26.95	28.25	0.04	117.88
FF-2	1st	5,703 sf	2	8.85	5.43	30.38	31.68	0.03	180.02
FF-3	1st	2,186 sf	2	7.30	4.65	26.04	27.34	0.04	79.96
FF-4	1st	2,227 sf	2	7.69	4.84	27.13	28.43	0.04	78.35
FF-5	1st	1,322 sf	2	6.19	4.09	22.93	24.23	0.04	54.57
FF-6	1st	2,545 sf	2	8.13	5.06	28.35	29.65	0.03	85.83
FF-7	1st	2,497 sf	2	8.13	5.06	28.35	29.65	0.03	84.22
FF-8	1st	1,567 sf	2	6.06	4.03	22.58	23.88	0.04	65.63
FF-9	1st	2,028 sf	2	7.31	4.66	26.08	27.38	0.04	74.08
FF-10	1st	2,054 sf	2	7.31	4.66	26.08	27.38	0.04	75.03
FF-11	1st	2,408 sf	2	7.75	4.88	27.30	28.60	0.03	84.20

Total Roof Area (SF)	**34,365**
Σ(U x Area)	**1,212.88**
Area-Weighted U-Factor	**0.04**
Equivalent R-Value	**28.33**
IECC Required R-Value	**25.00**

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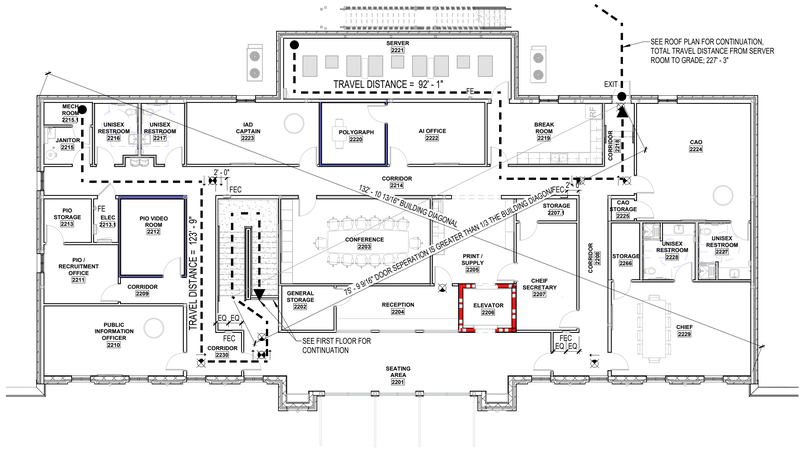
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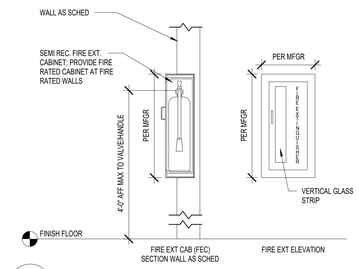
LS101

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



2 LS110 SECOND FLOOR MAIN BUILDING - LIFE SAFETY PLAN
3/32" = 1'-0"

NORTH



4 LS110 LIFE SAFETY FEC DETAIL
3/4" = 1'-0"

RATED WALL STENCILING NOTES:

3" TYP
1 HOUR RATED WALL
PROTECT ALL OPENINGS AND PENETRATIONS

1 HOUR RATED SMOKE & FIRE WALL PROTECT ALL OPENINGS AND PENETRATIONS

WALL STENCILING NOTES:

1. STENCILS SHALL BE APPLIED TO EACH AND EVERY RATED WALL IN THE FACILITY.
2. SOME JURISDICTIONS MAY HAVE A SPECIFIC HEIGHT REQUIREMENT FOR THE LETTERING BEYOND THE PARAMETERS SET FORTH HERE; ADJUST ACCORDINGLY FOR LOCAL CODES AND STANDARDS.
3. STENCILS SHALL BE APPLIED SO THAT THE BOTTOM OF THE LETTERS ARE 6 INCHES ABOVE THE CEILING GRID AND AT EVERY 10'-0" ON CENTER ALONG THE LENGTH OF THE WALL.
4. WHERE THERE IS NOT A CEILING GRID, STENCILS SHALL BE APPLIED 10'-0" ABOVE THE FINISH FLOOR AND AT EVERY 10'-0" ON CENTER ALONG THE LENGTH OF THE WALL.

LIFE SAFETY PLAN LEGEND

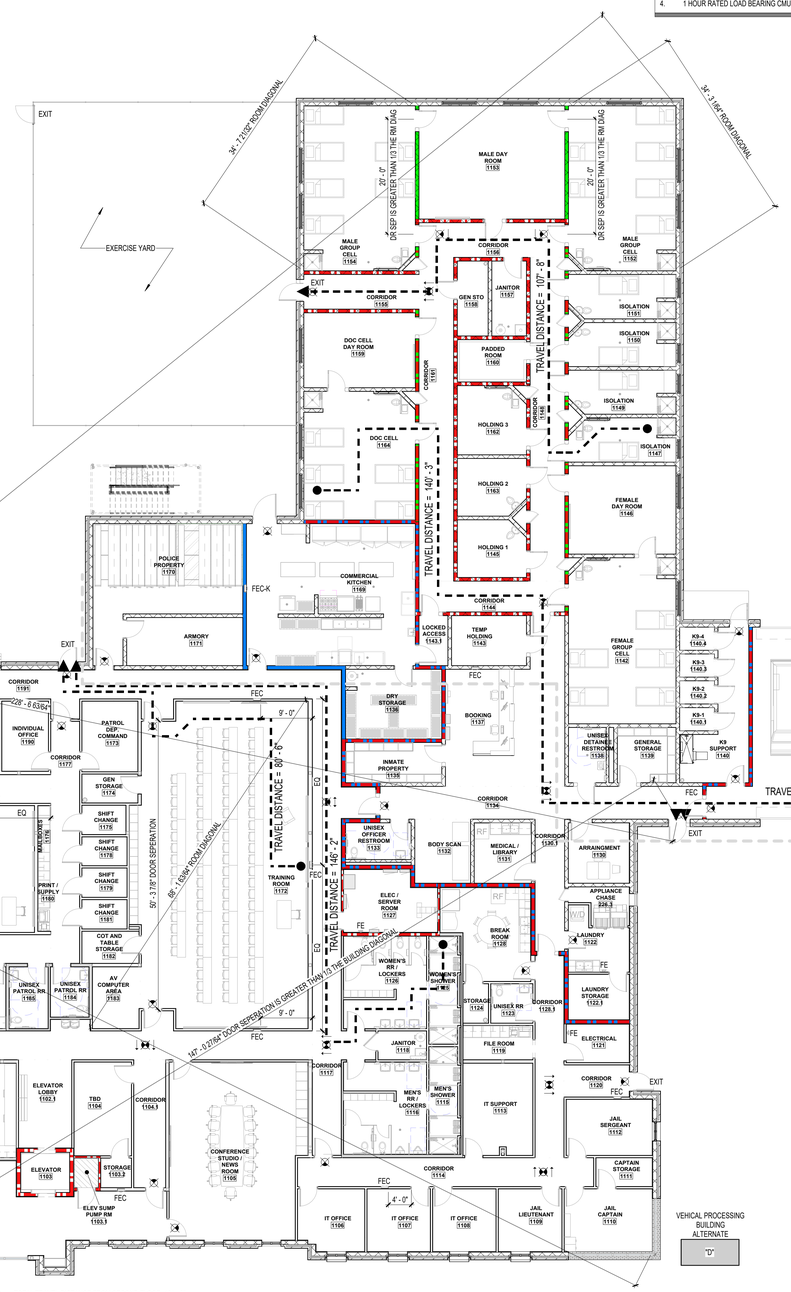
- EGRESS ROUTES
- 1.0 HOUR FIRE BARRIER (SLAB TO DECK)
- FE — WALL MOUNT FIRE EXTINGUISHERS (FE)
- FEC — SEMI RECESSED FIRE EXTINGUISHER CABINET & FE
- EXIT SIGN - SEE ELEC FOR FULL EXTENTS
- 1 HOUR RATED CEILING

LIFE SAFETY GENERAL NOTES

1. SEE ELECTRICAL FOR ALL EMERGENCY LIGHT FIXTURES, FIRE ALARM AND SMOKE DETECTION.
2. SEE FLOOR PLANS FOR WALL PARTITION LOCATIONS.
3. FEC AND FE LOCATIONS ARE LOCATED TO COMPLY WITH CODES AND STANDARDS. VERIFY WITH ARCHITECT BEFORE RELOCATING FEC'S.
4. 0.5 HOUR RATED CEILINGS AT CORRIDORS AND SLEEPING UNITS SHALL BE CONSTRUCTED OF 6" METAL STUDS @ 16" OC WITH FIRE RATED GYP BOARD (TOP AND BOTTOM OF JOIST). ALL PENETRATIONS THRU THIS CEILING ASSEMBLY SHALL BE FIRE CAULKED AND DAMPERS SHALL BE PROVIDED AS REQUIRED. COORDIENATE WITH MECHANICAL, PLUMBING AND ELECTRICAL. REFERENCE LIFE SAFETY SHEETS FOR ADDITIONAL INFORMATION.
5. SEE MECHANICAL FOR FIRE/SMOKE DAMPERS.

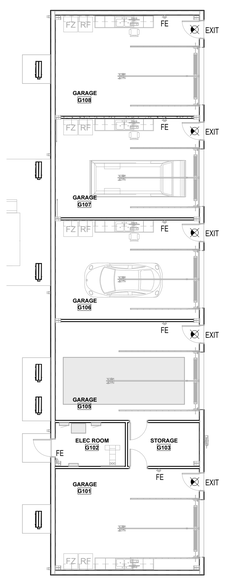
GENERAL SHEET NOTES AND LEGEND

1. LOAD BEARING CMU WALL; SEE STRUCTURAL
2. SECURITY CMU WALL TO DECK
3. 1 HOUR RATED CMU WALL TO DECK
4. 1 HOUR RATED LOAD BEARING CMU WALL; SEE STRUCTURAL



1 LS110 FIRST FLOOR MAIN BUILDING - LIFE SAFETY PLAN
3/32" = 1'-0"

NORTH

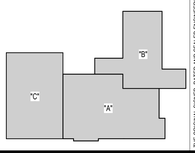


3 LS110 FIRST FLOOR OUT BUILDING - LIFE SAFETY PLAN
3/32" = 1'-0"

NORTH

ALTERNATE #1

KEY PLAN



4/10/2026 2:57:25 PM

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LS110

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OCCUPANCY GENERAL NOTES

1. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT.

NOTICE

FOR YOUR SAFETY

OCCUPANCY

IS LIMITED TO:

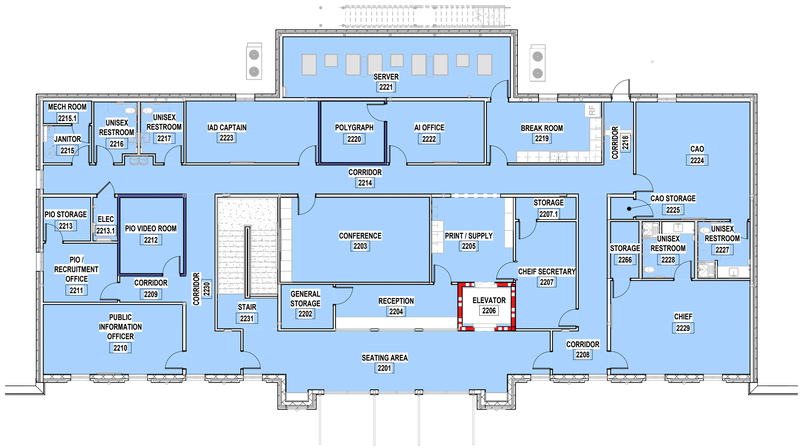
XXX

PERSONS

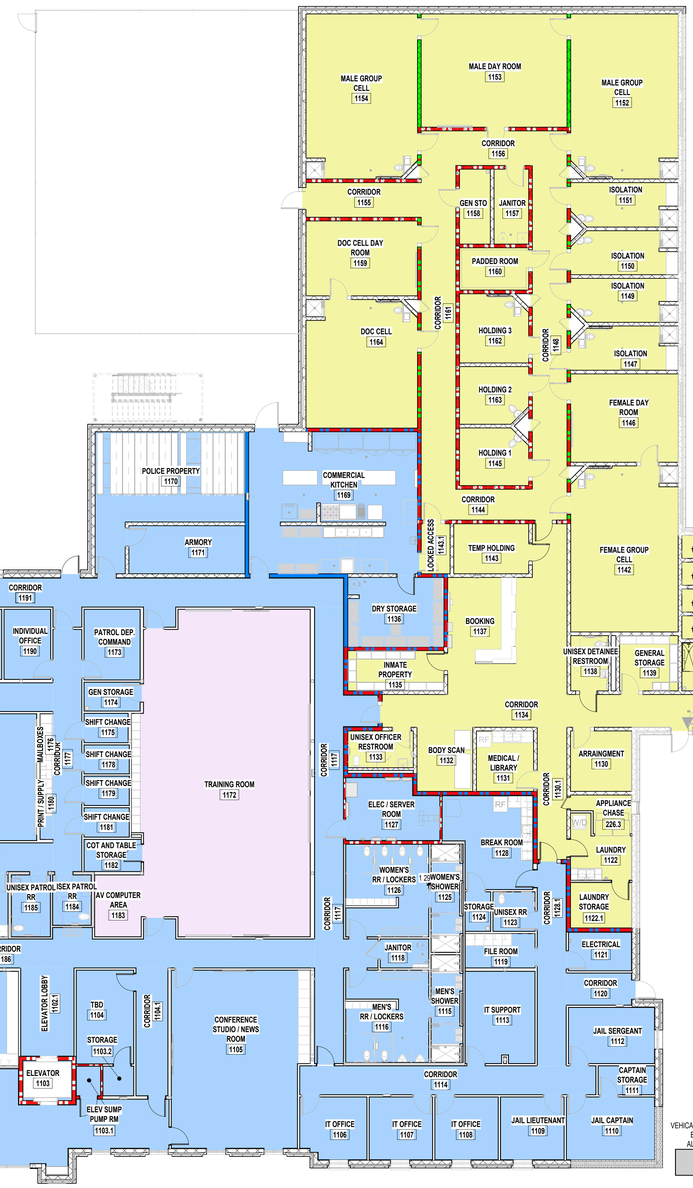
BY ORDER OF THE CODE OFFICIAL
KEEP POSTED UNDER PENALTY OF LAW

Department Legend

- ACCESSORY
- BUSINESS
- INSTITUTIONAL (I-3)
- STORAGE (S-2) LOW HAZZARD
- UTILITY



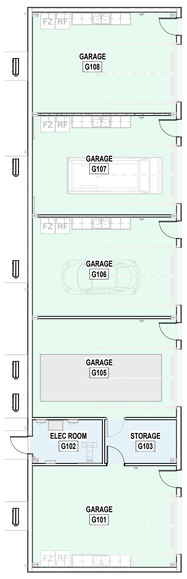
2 LS111 SECOND FLOOR MAIN BUILDING - OCCUPANCY PLAN
3/32" = 1'-0"



1 LS111 FIRST FLOOR MAIN BUILDING - OCCUPANCY PLAN
3/32" = 1'-0"

Department Legend

- STORAGE (S-2) LOW HAZZARD
- UTILITY

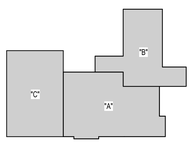


3 LS111 VEHICAL PROCESSING BUILDING - OCCUPANCY PLAN
3/32" = 1'-0"

ALTERNATE #1

VEHICAL PROCESSING BUILDING ALTERNATE "D"

KEY PLAN



MACHADO · PATANO · KILPATRICK · JONES
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Bradford A. Jones 9167 REGISTERED ARCHITECT STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

FIRST AND SECOND FLOOR - OCCUPANCY USAGE PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

LS111

VERIFY SCALES
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4/10/2026 2:57:30 PM

FIRST FLOOR OCCUPANCY USAGE - ALL

RM #	RM NAME	OCC TYPE	AREA	OCC FACTOR	OCCLOAD
1101	LOBBY	BUSINESS	923 SF	150	6.154046
1101.1	UNISEX PUBLIC RR	BUSINESS	74 SF	150	0.496448
1101.2	RECORDS STORAGE	BUSINESS	197 SF	300	0.655505
1102	RECEPTION	BUSINESS	322 SF	150	2.144027
1102.1	ELEVATOR LOBBY	BUSINESS	152 SF	150	1.01223
1103	ELEVATOR	BUSINESS	72 SF	150	0.479962
1103.1	ELEV SUMP PUMP RM	BUSINESS	27 SF	150	0.18097
1103.2	STORAGE	BUSINESS	32 SF	300	0.108112
1104	TBD	BUSINESS	174 SF	150	1.157488
1104.1	CORRIDOR	BUSINESS	136 SF	150	0.908711
1105	CONFERENCE STUDIO / NEWS ROOM	BUSINESS	754 SF	150	5.026952
1106	IT OFFICE	BUSINESS	137 SF	150	0.916429
1107	IT OFFICE	BUSINESS	135 SF	150	0.899855
1108	IT OFFICE	BUSINESS	135 SF	150	0.899855
1109	JAIL LIEUTENANT	BUSINESS	135 SF	150	0.903139
1110	JAIL CAPTAIN	BUSINESS	162 SF	150	1.279174
1111	CAPTAIN STORAGE	BUSINESS	58 SF	150	0.38669
1112	JAIL SERGEANT	BUSINESS	163 SF	150	1.088268
1113	IT SUPPORT	BUSINESS	206 SF	150	1.372153
1114	CORRIDOR	BUSINESS	281 SF	150	1.872819
1115	MEN'S SHOWER	BUSINESS	111 SF	150	0.740939
1116	MEN'S RR / LOCKERS	BUSINESS	241 SF	150	1.609434
1117	CORRIDOR	BUSINESS	518 SF	150	3.451288
1118	JANITOR	BUSINESS	48 SF	150	0.319981
1119	FILE ROOM	BUSINESS	81 SF	300	0.269651
1120	CORRIDOR	BUSINESS	72 SF	150	0.481447
1121	ELECTRICAL	BUSINESS	86 SF	150	0.575608
1122	LAUNDRY	INSTITUTIONAL (I-3)	109 SF	150	0.728685
1122.1	LAUNDRY STORAGE	INSTITUTIONAL (I-3)	99 SF	300	0.330629
1123	UNISEX RR	BUSINESS	56 SF	150	0.373105
1124	STORAGE	BUSINESS	35 SF	300	0.116598
1125	WOMEN'S SHOWER	BUSINESS	107 SF	150	0.71636
1126	WOMEN'S RR / LOCKERS	BUSINESS	247 SF	150	1.643865
1127	ELEC / SERVER ROOM	BUSINESS	181 SF	300	0.602609
1128	BREAK ROOM	BUSINESS	243 SF	150	1.617791
1128.1	CORRIDOR	BUSINESS	194 SF	150	1.295009
1130	ARRAINGMENT	INSTITUTIONAL (I-3)	130 SF	100	1.296864
1130.1	CORRIDOR	INSTITUTIONAL (I-3)	136 SF	100	1.357786
1131	MEDICAL / LIBRARY	INSTITUTIONAL (I-3)	119 SF	150	0.79081
1132	BODY SCAN	INSTITUTIONAL (I-3)	119 SF	100	1.19299
1133	UNISEX OFFICER RESTROOM	INSTITUTIONAL (I-3)	84 SF	100	0.844014
1134	CORRIDOR	INSTITUTIONAL (I-3)	352 SF	100	3.517678
1135	INMATE PROPERTY	INSTITUTIONAL (I-3)	133 SF	300	0.444794
1136	DRY STORAGE	BUSINESS	219 SF	300	0.730063
1137	BOOKING	INSTITUTIONAL (I-3)	505 SF	100	5.047371
1138	UNISEX DETAINEE RESTROOM	INSTITUTIONAL (I-3)	73 SF	100	0.729245
1139	GENERAL STORAGE	INSTITUTIONAL (I-3)	111 SF	300	0.370139
1140	K9 SUPPORT	INSTITUTIONAL (I-3)	231 SF	100	2.314892
1140.1	K9-1	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.2	K9-2	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.3	K9-3	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.4	K9-4	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1141	SALLY PORT	UTILITY	967 SF	100	9.673908
1142	FEMALE GROUP CELL	INSTITUTIONAL (I-3)	566 SF	100	5.663233
1143	TEMP HOLDING	INSTITUTIONAL (I-3)	128 SF	100	1.275555
1143.1	LOCKED ACCESS	INSTITUTIONAL (I-3)	53 SF	100	0.528889
1144	CORRIDOR	INSTITUTIONAL (I-3)	152 SF	100	1.518748
1145	HOLDING 1	INSTITUTIONAL (I-3)	130 SF	100	1.297807
1146	FEMALE DAY ROOM	INSTITUTIONAL (I-3)	315 SF	100	3.146667
1147	ISOLATION	INSTITUTIONAL (I-3)	156 SF	120	1.298065
1148	CORRIDOR	INSTITUTIONAL (I-3)	376 SF	100	3.755557
1149	ISOLATION	INSTITUTIONAL (I-3)	158 SF	120	1.320063
1150	ISOLATION	INSTITUTIONAL (I-3)	159 SF	120	1.32177
1151	ISOLATION	INSTITUTIONAL (I-3)	160 SF	120	1.333721
1152	MALE GROUP CELL	INSTITUTIONAL (I-3)	575 SF	100	5.754243
1153	MALE DAY ROOM	INSTITUTIONAL (I-3)	537 SF	100	5.373333
1154	MALE GROUP CELL	INSTITUTIONAL (I-3)	596 SF	100	5.961513
1155	CORRIDOR	INSTITUTIONAL (I-3)	138 SF	100	1.378819
1156	CORRIDOR	INSTITUTIONAL (I-3)	169 SF	100	1.688023
1157	JANITOR	INSTITUTIONAL (I-3)	91 SF	150	0.607407
1158	GEN STO	INSTITUTIONAL (I-3)	82 SF	300	0.273333
1159	DOC CELL DAY ROOM	INSTITUTIONAL (I-3)	278 SF	100	2.78316
1160	PADDED ROOM	INSTITUTIONAL (I-3)	101 SF	120	0.844444
1161	CORRIDOR	INSTITUTIONAL (I-3)	373 SF	100	3.734375
1162	HOLDING 3	INSTITUTIONAL (I-3)	152 SF	120	1.267834
1163	HOLDING 2	INSTITUTIONAL (I-3)	130 SF	120	1.081506
1164	DOC CELL	INSTITUTIONAL (I-3)	460 SF	100	4.602379
1169	COMMERCIAL KITCHEN	BUSINESS	764 SF	200	3.821427
1170	POLICE PROPERTY	BUSINESS	507 SF	300	1.688965
1171	ARMORY	BUSINESS	189 SF	300	0.62934
1172	TRAINING ROOM	ACCESSORY	1699 SF	15	113.293067
1173	PATROL DEP. COMMAND	BUSINESS	130 SF	150	0.864947
1174	GEN STORAGE	BUSINESS	55 SF	300	0.184787
1175	SHIFT CHANGE	BUSINESS	45 SF	300	0.149436
1176	MAILBOXES	BUSINESS	28 SF	150	0.184963
1177	CORRIDOR	BUSINESS	224 SF	150	1.493044
1178	SHIFT CHANGE	BUSINESS	45 SF	300	0.149858
1179	SHIFT CHANGE	BUSINESS	45 SF	300	0.15125
1180	PRINT / SUPPLY	BUSINESS	29 SF	150	0.1937
1181	SHIFT CHANGE	BUSINESS	45 SF	300	0.151185
1182	COT AND TABLE STORAGE	BUSINESS	63 SF	300	0.209533
1183	AV COMPUTER AREA	ACCESSORY	97 SF	150	0.64408
1184	UNISEX PATROL RR	BUSINESS	67 SF	150	0.443943
1185	UNISEX PATROL RR	BUSINESS	82 SF	150	0.54467
1186	CORRIDOR	BUSINESS	587 SF	150	3.912284
1187	BREAK ROOM	BUSINESS	199 SF	150	1.326339
1188	PATROL CG	BUSINESS	129 SF	150	0.862101
1188.1	CORRIDOR	BUSINESS	173 SF	150	1.154538
1189	BRIEFING	BUSINESS	477 SF	15	31.79465
1189.1	REPORTING	BUSINESS	169 SF	150	1.126536
1189.2	CORRIDOR	BUSINESS	173 SF	150	1.152861
1190	INDIVIDUAL OFFICE	BUSINESS	108 SF	150	0.719544
1191	CORRIDOR	BUSINESS	644 SF	150	4.293895
1192	OFFICE	BUSINESS	178 SF	150	1.183681
1193	OFFICE	BUSINESS	180 SF	150	1.200414
1194	PATROL SERGEANT / LIEUTENANT	BUSINESS	261 SF	150	1.739203
1195	CORRIDOR	BUSINESS	367 SF	150	2.444736
1196	VESTIBULE	BUSINESS	48 SF	150	0.318828
1196.1	CORRIDOR	BUSINESS	177 SF	150	1.183235
1197	STORAGE	BUSINESS	68 SF	300	0.226667
1198	PATROL CAPTAIN	BUSINESS	245 SF	150	1.631528
1199	CSI LIEUTENANT	BUSINESS	129 SF	150	0.858984
1200	LARGE INTERVIEW OR FUTURE GROWTH	BUSINESS	182 SF	150	1.216006
1201	FORENSIC REVIEW	BUSINESS	123 SF	150	0.821104
1202	CSI OFFICE	BUSINESS	130 SF	150	0.864475
1203	CSI OFFICE	BUSINESS	129 SF	150	0.858591
1204	MEDIA STORAGE	BUSINESS	75 SF	300	0.251493
1205	CORRIDOR	BUSINESS	319 SF	150	2.125962
1206	PRINT/SUPPLY	BUSINESS	80 SF	150	0.536175
1207	CID / CSI BREAK ROOM	BUSINESS	263 SF	150	1.750359
1208	CSI OFFICE	BUSINESS	130 SF	150	0.868889
1208.1	CID	BUSINESS	130 SF	150	0.869687
1209	PRINT/SUPPLY	BUSINESS	179 SF	150	1.192135
1210	CORRIDOR	BUSINESS	232 SF	150	1.546594
1211	WEAPONS / NARCOTIC STORAGE	STORAGE (S-2) LOW HAZZARD	232 SF	300	0.773879
1212	SHOWER	BUSINESS	75 SF	150	0.497778
1213	CSI GENERAL STORAGE	BUSINESS	75 SF	300	0.250556
1214	FORENSIC LAB	BUSINESS	343 SF	150	2.28912
1215	EVIDENCE PROCESSING	BUSINESS	218 SF	150	1.454829
1216	OFFICER EVIDENCE INTAKE	BUSINESS	143 SF	150	0.956551
1217	EVIDENCE STORAGE	STORAGE (S-2) LOW HAZZARD	2114 SF	300	7.047603
1218	CORRIDOR	BUSINESS	250 SF	150	1.666527
1219	ELEC / SERVER ROOM	BUSINESS	141 SF	150	0.936771
1220	RISER	BUSINESS	94 SF	150	0.628341
1221	MEN'S RESTROOM	BUSINESS	210 SF	150	1.39989
1222	WOMENS RESTROOM	BUSINESS	214 SF	150	1.423559
1223	OFFICE	BUSINESS	167 SF	150	1.111979
1224	OFFICE	BUSINESS	167 SF	150	1.111979
1225	JANITOR	BUSINESS	34 SF	150	0.223777
1225.1	MECH	BUSINESS	58 SF	150	0.388789
1226	CORRIDOR	BUSINESS	392 SF	150	2.612116
1226.1	OFFICE	BUSINESS	167 SF	150	1.111979
1227	PROPERTY DETECTIVES	BUSINESS	167 SF	150	1.111979
1228	NARCOTICS DETECTIVE	BUSINESS	167 SF	150	1.111979
1229	PERSONS DETECTIVE	BUSINESS	167 SF	150	1.11296
1230	CID CAPTAIN STORAGE	BUSINESS	71 SF	300	0.235355

FIRST FLOOR OCCUPANCY USAGE - ALL

RM #	RM NAME	OCC TYPE	AREA	OCC FACTOR	OCCLOAD
1231	SMALL INTERVIEW	BUSINESS	57 SF	150	0.381424
1232	CID CAPTAIN	BUSINESS	227 SF	150	1.512625
1233	CID LIEUTENANT	BUSINESS	135 SF	150	0.898519
1234	CID NARCOTIC SERGEANT	BUSINESS	135 SF	150	0.898519
1235	FINANCIAL CRIMES DETECTIVE	BUSINESS	147 SF	150	0.978926
1236	CONFERENCE ROOM	BUSINESS	465 SF	150	3.102002
1237	CORRIDOR	BUSINESS	320 SF	150	2.134512
1238	PERSONS SERGEANT	BUSINESS	135 SF	150	0.898519
1239	PROPERTY SERGEANT	BUSINESS	135 SF	150	0.898519
1240	FINANCIAL CRIMES SERGEANT	BUSINESS	133 SF	150	0.884954
1241	CID SECRETARY	BUSINESS	106 SF	150	0.705335
1242	INTERVIEW	BUSINESS	75 SF	150	0.502646
1243	INTERVIEW	BUSINESS	74 SF	150	0.494093
1244	CORRIDOR	BUSINESS	89 SF	150	0.591872
1245	PUBLIC INTERVIEW	BUSINESS	78 SF	150	0.517742
1246	PUBLIC INTERVIEW	BUSINESS	79 SF	150	0.52668
1247	CID WAITING	BUSINESS	153 SF	150	1.022703
1247.1	CORRIDOR	BUSINESS	278 SF	150	1.853642
1248	STAIR	BUSINESS	60 SF	150	0.400531
Grand total: 207					423.670434

SECOND FLOOR OCCUPANCY USAGE - ALL

RM #	RM NAME	OCC TYPE	AREA	OCC FACTOR	OCC LOAD
2201	SEATING AREA	BUSINESS	576 SF	150	3.841409
2202	GENERAL STORAGE	BUSINESS	77 SF	300	0.257848
2203	CONFERENCE	BUSINESS	402 SF	150	2.681601
2204	RECEPTION	BUSINESS	177 SF	150	1.17809
2205	PRINT / SUPPLY	BUSINESS	224 SF	150	1.493548
2206	ELEVATOR	BUSINESS	72 SF	150	0.479962
2207	CHEIF SECRETARY	BUSINESS	209 SF	150	1.393864
2207.1	STORAGE	BUSINESS	47 SF	300	0.157117
2208	CORRIDOR	BUSINESS	215 SF	150	1.432664
2209	CORRIDOR	BUSINESS	58 SF	150	0.387542
2210	PUBLIC INFORMATION OFFICER	BUSINESS	328 SF	150	2.186677
2211	PIO / RECRUITMENT OFFICE	BUSINESS	146 SF	150	0.973701
2212	PIO VIDEO ROOM	BUSINESS	158 SF	150	1.051858
2213	PIO STORAGE	BUSINESS	73 SF	300	0.243466
2213.1	ELEC	BUSINESS	38 SF	150	0.252441
2214	CORRIDOR	BUSINESS	570 SF	150	3.802859
2215	JANITOR	BUSINESS	63 SF	150	0.42013
2215.1	MECH ROOM	BUSINESS	43 SF	300	0.14452
2216	UNISEX RESTROOM	BUSINESS	88 SF	150	0.584735
2217	UNISEX RESTROOM	BUSINESS	88 SF	150	0.584735
2218	CORRIDOR	BUSINESS	65 SF	150	0.433218
2219	BREAK ROOM	BUSINESS	233 SF	150	1.550845
2220	POLYGRAPH	BUSINESS	128 SF	150	0.855794
2221	SERVER	BUSINESS	469 SF	300	1.561932
2222	AI OFFICE	BUSINESS	195 SF	150	1.30096
2223	IAD CAPTAIN	BUSINESS	269 SF	150	1.790126
2224	CAO	BUSINESS	440 SF	150	2.93204
2225	CAO STORAGE	BUSINESS	19 SF	300	0.064385
2227	UNISEX RESTROOM	BUSINESS	102 SF	150	0.681554
2228	UNISEX RESTROOM	BUSINESS	99 SF	150	0.660574
2229	CHIEF	BUSINESS	433 SF	150	2.885934
2230	CORRIDOR	BUSINESS	213 SF	150	1.418842
2231	STAIR	BUSINESS	245 SF	150	1.636413
2266	STORAGE	BUSINESS	56 SF	300	0.187907
G101	GARAGE	UTILITY	473 SF	300	1.577207
G102	ELEC ROOM	STORAGE (S-2) LOW HAZZARD	102 SF	150	0.681944
G103	STORAGE	STORAGE (S-2) LOW HAZZARD	105 SF	150	0.698056
G104	STORAGE	STORAGE (S-2) LOW HAZZARD	Not Placed	150	
G105	GARAGE	UTILITY	455 SF	300	1.515215
G106	GARAGE	UTILITY	457 SF	300	1.52375
G107	GARAGE	UTILITY	457 SF	300	1.52375
G108	GARAGE	UTILITY	471 SF	300	1.568672
Grand total: 42					50.597886

ABOVE ARE MAIN BUILDING OCCUPANT LOADS TOTAL PER FLOOR

OCCUPANCY USAGE - BUSINESS (B) 1ST FLOOR

RM #	RM NAME	OCC TYPE	AREA	OCC FACTOR	OCC LOAD
1101	LOBBY	BUSINESS	923 SF	150	6.154046
1101.1	UNISEX PUBLIC RR	BUSINESS	74 SF	150	0.496448
1101.2	RECORDS STORAGE	BUSINESS	197 SF	300	0.655505
1102	RECEPTION	BUSINESS	322 SF	150	2.144027
1102.1	ELEVATOR LOBBY	BUSINESS	152 SF	150	1.01223
1103	ELEVATOR	BUSINESS	72 SF	150	0.479962
1103.1	ELEV SUMP PUMP RM	BUSINESS	27 SF	150	0.18097
1103.2	STORAGE	BUSINESS	32 SF	300	0.108112
1104	TBD	BUSINESS	174 SF	150	1.157488
1104.1	CORRIDOR	BUSINESS	136 SF	150	0.908711
1105	CONFERENCE STUDIO / NEWS ROOM	BUSINESS	754 SF	150	5.026952
1106	IT OFFICE	BUSINESS	137 SF	150	0.916429
1107	IT OFFICE	BUSINESS	135 SF	150	0.899855
1108	IT OFFICE	BUSINESS	135 SF	150	0.899855
1109	JAIL LIEUTENANT	BUSINESS	135 SF	150	0.903139
1110	JAIL CAPTAIN	BUSINESS	162 SF	150	1.279174
1111	CAPTAIN STORAGE	BUSINESS	58 SF	150	0.38669
1112	JAIL SERGEANT	BUSINESS	163 SF	150	1.088268
1113	IT SUPPORT	BUSINESS	206 SF	150	1.372153
1114	CORRIDOR	BUSINESS	281 SF	150	1.872819
1115	MEN'S SHOWER	BUSINESS	111 SF	150	0.740939
1116	MEN'S RR / LOCKERS	BUSINESS	241 SF	150	1.609434
1117	CORRIDOR	BUSINESS	518 SF	150	3.451288
1118	JANITOR	BUSINESS	48 SF	150	0.319981
1119	FILE ROOM	BUSINESS	81 SF	300	0.269651
1120	CORRIDOR	BUSINESS	72 SF	150	0.481447
1121	ELECTRICAL	BUSINESS	86 SF	150	0.575608
1123	UNISEX RR	BUSINESS	56 SF	150	0.373105
1124	STORAGE	BUSINESS	35 SF	300	0.116598
1125	WOMEN'S SHOWER	BUSINESS	107 SF	150	0.71636
1126	WOMEN'S RR / LOCKERS	BUSINESS	247 SF	150	1.643865
1127	ELEC / SERVER ROOM	BUSINESS	181 SF	300	0.602609
1128	BREAK ROOM	BUSINESS	243 SF	150	1.617791
1128.1	CORRIDOR	BUSINESS	194 SF	150	1.295009
1136	DRY STORAGE	BUSINESS	219 SF	300	0.73008
1169	COMMERCIAL KITCHEN	BUSINESS	764 SF	200	3.821427
1170	POLICE PROPERTY	BUSINESS	507 SF	300	1.688965
1171	ARMORY	BUSINESS	189 SF	300	0.62934
1173	PATROL DEP. COMMAND	BUSINESS	130 SF	150	0.864947
1174	GEN STORAGE	BUSINESS	55 SF	300	0.184787
1175	SHIFT CHANGE	BUSINESS	45 SF	300	0.149436
1176	MAILBOXES	BUSINESS	28 SF	150	0.184963
1177	CORRIDOR	BUSINESS	224 SF	150	1.493044
1178	SHIFT CHANGE	BUSINESS	45 SF	300	0.148958
1179	SHIFT CHANGE	BUSINESS	45 SF	300	0.15125
1180	PRINT / SUPPLY	BUSINESS	29 SF	150	0.1937
1181	SHIFT CHANGE	BUSINESS	45 SF	300	0.151185
1182	COT AND TABLE STORAGE	BUSINESS	63 SF	300	0.209533
1184	UNISEX PATROL RR	BUSINESS	67 SF	150	0.443943
1185	UNISEX PATROL RR	BUSINESS	82 SF	150	0.54467
1186	CORRIDOR	BUSINESS	587 SF	150	3.912284
1187	BREAK ROOM	BUSINESS	199 SF	150	1.326339
1188	PATROL CG	BUSINESS	129 SF	150	0.862101
1188.1	CORRIDOR	BUSINESS	173 SF	150	1.154538
1189	BRIEFING	BUSINESS	477 SF	15	31.79465
1189.1	REPORTING	BUSINESS	169 SF	150	1.126536
1189.2	CORRIDOR	BUSINESS	173 SF	150	1.152861
1190	INDIVIDUAL OFFICE	BUSINESS	108 SF	150	0.719544
1191	CORRIDOR	BUSINESS	644 SF	150	4.293895
1192	OFFICE	BUSINESS	178 SF	150	1.183681
1193	OFFICE	BUSINESS	180 SF	150	1.200414
1194	PATROL SERGEANT / LIEUTENANT	BUSINESS	261 SF	150	1.739203
1195	CORRIDOR	BUSINESS	367 SF	150	2.444736
1196	VESTIBULE	BUSINESS	48 SF	150	0.318828
1196.1	CORRIDOR	BUSINESS	177 SF	150	1.183235
1197	STORAGE	BUSINESS	68 SF	300	0.226667
1198	PATROL CAPTAIN	BUSINESS	245 SF	150	1.631528
1199	CSI LIEUTENANT	BUSINESS	129 SF	150	0.858984
1200	LARGE INTERVIEW OR FUTURE GROWTH	BUSINESS	182 SF	150	1.216006
1201	FORENSIC REVIEW	BUSINESS	123 SF	150	0.821104
1202	CSI OFFICE	BUSINESS	130 SF	150	0.864475
1203	CSI OFFICE	BUSINESS	129 SF	150	0.858591
1204	MEDIA STORAGE	BUSINESS	75 SF	300	0.251493
1205	CORRIDOR	BUSINESS	319 SF	150	2.125962
1206	PRINT/SUPPLY	BUSINESS	80 SF	150	0.536175
1207	CID / CSI BREAK ROOM	BUSINESS	263 SF	150	1.750359
1208	CSI OFFICE	BUSINESS	130 SF	150	0.868889
1208.1	CID	BUSINESS	130 SF	150	0.869687
1209	PRINT/SUPPLY	BUSINESS	179 SF	150	1.192135
1210	CORRIDOR	BUSINESS	232 SF	150	1.546594
1212	SHOWER	BUSINESS	75 SF	150	0.497778
1213	CSI GENERAL STORAGE	BUSINESS	75 SF	300	0.250556
1214	FORENSIC LAB	BUSINESS	343 SF	150	2.28912
1215	EVIDENCE PROCESSING	BUSINESS	218 SF	150	1.454829
1216	OFFICER EVIDENCE INTAKE	BUSINESS	143 SF	150	0.956551
1218	CORRIDOR	BUSINESS	250 SF	150	1.666527
1219	ELEC / SERVER ROOM	BUSINESS	141 SF	150	0.936771
1220	RISER	BUSINESS	94 SF	150	0.628341
1221	MEN'S RESTROOM	BUSINESS	210 SF	150	1.39989
1222	WOMENS RESTROOM	BUSINESS	214 SF	150	1.423559
1223	OFFICE	BUSINESS	167 SF	150	1.111979
1224	OFFICE	BUSINESS	167 SF	150	1.111979
1225	JANITOR	BUSINESS	34 SF	150	0.223777
1225.1	MECH	BUSINESS	58 SF	150	0.388789
1226	CORRIDOR	BUSINESS	392 SF	150	2.612116
1226.1	OFFICE	BUSINESS	167 SF	150	1.111979
1227	PROPERTY DETECTIVES	BUSINESS	167 SF	150	1.111979
1228	NARCOTICS DETECTIVE	BUSINESS	167 SF	150	1.111979
1229	PERSONS DETECTIVE	BUSINESS	167 SF	150	1.11296
1230	CID CAPTAIN STORAGE	BUSINESS	71 SF	300	0.235355
1231	SMALL INTERVIEW	BUSINESS	57 SF	150	0.381424
1232	CID CAPTAIN	BUSINESS	227 SF	150	1.512625
1233	CID LIEUTENANT	BUSINESS	135 SF	150	0.898519
1234	CID NARCOTIC SERGEANT	BUSINESS	135 SF	150	0.898519
1235	FINANCIAL CRIMES DETECTIVE	BUSINESS	147 SF	150	0.978926
1236	CONFERENCE ROOM	BUSINESS	465 SF	150	3.102002
1237	CORRIDOR	BUSINESS	320 SF	150	2.134512
1238	PERSONS SERGEANT	BUSINESS	135 SF	150	0.898519
1239	PROPERTY SERGEANT	BUSINESS	135 SF	150	0.898519
1240	FINANCIAL CRIMES SERGEANT	BUSINESS	133 SF	150	0.884954
1241	CID SECRETARY	BUSINESS	106 SF	150	0.705335
1242	INTERVIEW	BUSINESS	75 SF	150	0.502646
1243	INTERVIEW	BUSINESS	74 SF	150	0.494093
1244	CORRIDOR	BUSINESS	89 SF	150	0.591872
1245	PUBLIC INTERVIEW	BUSINESS	78 SF	150	0.517742
1246	PUBLIC INTERVIEW	BUSINESS	79 SF	150	0.52668
1247	CID WAITING	BUSINESS	153 SF	150	1.022703
1247.1	CORRIDOR	BUSINESS	278 SF	150	1.853642
1248	STAIR	BUSINESS	60 SF	150	0.400531
Grand total: 119			21546 SF		164.220836

OCCUPANCY USAGE - INSTITUTIONAL (I-3) 1ST FLOOR

RM #	RM NAME	OCC TYPE	AREA	OCC FACTOR	OCC LOAD
226.3	APPLIANCE CHASE	INSTITUTIONAL (I-3)	69 SF	300	0.231366
1122	LAUNDRY	INSTITUTIONAL (I-3)	109 SF	150	0.728685
1122.1	LAUNDRY STORAGE	INSTITUTIONAL (I-3)	99 SF	300	0.330629
1130	ARRAINGMENT	INSTITUTIONAL (I-3)	130 SF	100	1.296864
1130.1	CORRIDOR	INSTITUTIONAL (I-3)	136 SF	100	1.357786
1131	MEDICAL / LIBRARY	INSTITUTIONAL (I-3)	119 SF	150	0.79081
1132	BODY SCAN	INSTITUTIONAL (I-3)	119 SF	100	1.19299
1133	UNISEX OFFICER RESTROOM	INSTITUTIONAL (I-3)	84 SF	100	0.844014
1134	CORRIDOR	INSTITUTIONAL (I-3)	352 SF	100	3.517678
1135	INMATE PROPERTY	INSTITUTIONAL (I-3)	133 SF	300	0.444794
1137	BOOKING	INSTITUTIONAL (I-3)	505 SF	100	5.047371
1138	UNISEX DETAINEE RESTROOM	INSTITUTIONAL (I-3)	73 SF	100	0.729245
1139	GENERAL STORAGE	INSTITUTIONAL (I-3)	111 SF	300	0.370139
1140	K9 SUPPORT	INSTITUTIONAL (I-3)	231 SF	100	2.314892
1140.1	K9-1	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.2	K9-2	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.3	K9-3	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1140.4	K9-4	INSTITUTIONAL (I-3)	24 SF	150	0.16069
1142	FEMALE GROUP CELL	INSTITUTIONAL (I-3)	566 SF	100	5.663233
1143	TEMP HOLDING	INSTITUTIONAL (I-3)	128 SF	100	1.275555
1143.1	LOCKED ACCESS	INSTITUTIONAL (I-3)	53 SF	100	0.528889
1144	CORRIDOR	INSTITUTIONAL (I-3)	152 SF	100	1.518748
1145	HOLDING 1	INSTITUTIONAL (I-3)	130 SF	100	1.297807
1146	FEMALE DAY ROOM	INSTITUTIONAL (I-3)	315 SF	100	3.146667
1147	ISOLATION	INSTITUTIONAL (I-3)	156 SF	120	1.298065
1148	CORRIDOR	INSTITUTIONAL (I-3)	376 SF	100	3.755557
1149	ISOLATION	INSTITUTIONAL (I-3)	158 SF	120	1.320063
1150	ISOLATION	INSTITUTIONAL (I-3)	159 SF	120	1.32177
1151	ISOLATION	INSTITUTIONAL (I-3)	160 SF	120	1.333721
1152	MALE GROUP CELL	INSTITUTIONAL (I-3)	575 SF	100	5.754243
1153	MALE DAY ROOM	INSTITUTIONAL (I-3)	537 SF	100	5.373333
1154	MALE GROUP CELL	INSTITUTIONAL (I-3)

PARTITION TYPES

C3 — 8" CONCRETE MASONRY UNIT, REF. STRUCT.

C3-D — 8" CONCRETE MASONRY UNIT, TO DECK, REF. TO DECK

D3 — 8" CONCRETE MASONRY UNIT, REF. TO STRUCT. 7/8" HAT CHANNELS HORIZONTAL AT 16" OC, 5/8" GYP BD 1 SIDE

D3-D — 8" CONCRETE MASONRY UNIT, REF. TO STRUCT. 7/8" HAT CHANNELS HORIZONTAL AT 16" OC, 5/8" GYP BD 1 SIDE, TO DECK

A1 — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES

A1-1 — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP ONE SIDE

A1-D — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, TO DECK

D3-D U906 — 8" CONCRETE MASONRY UNIT, REF. TO STRUCT. 7/8" HAT CHANNELS HORIZONTAL AT 16" OC, 5/8" TYPE "X" GYP BD 1 SIDE, 1 HOUR FIRE RATED, TO DECK
FIRE CAULK ALL PENETRATIONS AND PERIMETER

STC 1 — 3-5/8" MTL STUD (15MIL) @ 24" OC, 5/8" GYP BOTH SIDES, 1/2" RC-DELUX (OR EQUAL) RESILIENT CHANNEL ONE SIDE, 3-1/2" UNFACED SOUND ATTENUATION BATT INSULATION
STC RATING 54 MIN

B1 — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, 3 1/2" UNFACED SOUND BATT INSUL

B1-D — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, 3 1/2" UNFACED SOUND BATT INSUL, TO DECK

A2 — 6" MTL STUD, 5/8" GYP BOTH SIDES

A2-D — 6" MTL STUD, 5/8" GYP BOTH SIDES, TO DECK

B2 — 6" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, 6 1/2" UNFACED SOUND BATT INSUL

B2-D — 6" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, 6 1/2" UNFACED SOUND BATT INSUL, TO DECK

B1-D U419 — 3-5/8" MTL STUD @ 16" OC, 5/8" TYPE "X" GYP BOTH SIDES, 3 1/2" UNFACED SOUND BATT INSUL, TO DECK, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

B2-D U419 — TWO LAYERS GYPBD TYPE "X" RECORD STORAGE SIDE
6" MTL STUD @ 16" OC, 5/8" TYPE "X" GYP ONE SIDE AND TWO LAYERS 5/8" TYPE "X" GYP ONE SIDE, 6 1/2" UNFACED SOUND BATT INSUL, TO DECK, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

STC 2 — 6" MTL STUD (15 MIL) @ 24" OC, 5/8" GYP BOTH SIDES, 1/2" RC-DELUX (OR EQUAL) RESILIENT CHANNEL ONE SIDE, 6 1/2" UNFACED SOUND ATTENUATION BATT INSULATION
STC RATING 54 MIN

BR8 — PUBLIC / THREAT SIDE
FROM THREAT SIDE TO SECURE SIDE: 5/8" GYP BD, TGS LEVEL 6 FIBERGLASS PANEL, 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BD.
PRIVATE SECURE SIDE

A3 — 8" MTL STUD, 5/8" GYP BOTH SIDES

A1-D U419 — 3-5/8" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, TO DECK, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

B1 U419 — 3-5/8" MTL STUD @ 16" OC, 5/8" TYPE X GYP BOTH SIDES, 3 1/2" UNFACED SOUND BATT INSUL, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

A2-D U419 — 6" MTL STUD, 5/8" TYPE X GYP BOTH SIDES, 1 HOUR FIRE RATED, TO DECK
FIRE CAULK ALL PENETRATIONS AND PERIMETER

B2 U419 — 6" MTL STUD @ 16" OC, 5/8" GYP BOTH SIDES, 6 1/2" UNFACED SOUND BATT INSUL, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

C3 U906 / C3-D U906 — 8" CONCRETE MASONRY UNIT, REF. STRUCT. C3-D TO DECK, 1 HOUR FIRE RATED
FIRE CAULK ALL PENETRATIONS AND PERIMETER

C3-D U906 — 8" CONCRETE MASONRY UNIT, TO DECK, REF. TO STRUCT. 1 HOUR FIRE RATED, TO DECK
FIRE CAULK ALL PENETRATIONS AND PERIMETER

EXTERIOR WALL ASSEMBLY TYPES

1-A — 1'-5 1/8" / 9 1/8" / 8"

EXTERIOR SIDE
1. FACE BRICK
2. AIR SPACE
3. MASONRY TIES @ 16" O.C. EA. WAY
4. 2" RIGID INSULATION BOARD, MIN R-5.7 PER INCH
5. AIR AND WATER RESISTIVE BARRIER COAT
6. CMU - SEE STRUCT
7. 7/8" HAT CHANNEL
8. 5/8" GYP BD

INTERIOR SIDE

1-B — 1'- 3 5/8" / 7 5/8" / 8"

EXTERIOR SIDE
1. FACE BRICK
2. AIR SPACE
3. MASONRY TIES @ 16" O.C. EA. WAY
4. 2" RIGID INSULATION BOARD, MIN R-5.7 PER INCH
5. AIR AND WATER RESISTIVE BARRIER COAT
6. CMU - SEE STRUCT

INTERIOR SIDE

1-C — 11 3/8" / 9 1/8"

EXTERIOR SIDE
1. EIFS FINISH COAT
2. MESH EMBEDDED IN PRIMER/ADHESIVE
3. 2" RIGID INSULATION BOARD, MIN R-4.7 PER INCH (EIFS BAND AT TOP OF WALL IS 5" THICK)
4. EIFS ADHESIVE - DRAINAGE PLANE (1/4").
5. AIR AND WATER RESISTIVE BARRIER COAT
6. CMU - SEE STRUCT
7. 7/8" HAT CHANNEL
8. 5/8" GYP BD

INTERIOR SIDE

2-A — 1'- 2 5/8" / 11" - 2" / 8"

EXTERIOR SIDE
1. FACE BRICK
2. AIR SPACE
3. MASONRY TIES @ 16" O.C. EA. WAY
4. 2" RIGID INSULATION BOARD, MIN R-5.7 PER INCH
5. AIR AND WATER RESISTIVE BARRIER COAT
6. 5/8" EXTERIOR GYPSUM SHEATHING
7. 6" LG STUD BY COLD FORM DESIGNER - SEE STRUCT / R-19 UNFACED BATT INSULATION
8. 5/8" GYP BD

INTERIOR SIDE

2-B — 1' - 4 5/8" / 1' - 4" / 8" / 8"

EXTERIOR SIDE
1. FACE BRICK
2. AIR SPACE
3. MASONRY TIES @ 16" O.C. EA. WAY
4. 2" RIGID INSULATION BOARD, MIN R-5.7 PER INCH
5. AIR AND WATER RESISTIVE BARRIER COAT
6. 5/8" EXTERIOR GYPSUM SHEATHING
7. 8" LG STUD BY COLD FORM DESIGNER - SEE STRUCT / R-19 UNFACED BATT INSULATION
8. 5/8" GYP BD

INTERIOR SIDE

2-C — EIFS BAND; SEE WALL SECTIONS

EXTERIOR SIDE
1. EIFS FINISH COAT
2. MESH EMBEDDED IN PRIMER/ADHESIVE
3. 2" RIGID INSULATION BOARD, MIN R-4.7 PER INCH
4. EIFS ADHESIVE - DRAINAGE PLANE (1/4").
5. AIR AND WATER RESISTIVE BARRIER COAT
6. 5/8" EXTERIOR GYPSUM SHEATHING
7. LG STUD BY COLD FORM DESIGNER - SEE STRUCT / R-19 UNFACED BATT INSULATION
8. 5/8" GYP BD SOME LOCATIONS; SEE WALL SECTIONS

INTERIOR SIDE

X-1A — 8" MIN

EXTERIOR SIDE
1. PRE FIN MTL "R" PANEL
2. PEMB 8" MIN. GIRT
3. R13 MIN VINYL BAG INSUL BY PEMB MANUF
4. R13 UNFACED BATT INSUL
5. PRE FIN MTL LINER PANEL

INTERIOR SIDE

PARTITION TYPES GENERAL NOTES

1. SEE ARCHITECTURAL FLOOR PLANS FOR WALL PARTITION TYPE LOCATIONS.
2. PARTITION TYPES ARE INTENDED TO DESCRIBE BASIC MATERIALS & ASSEMBLIES. FURR OUTS, FURR DOWNS, AND OTHER DESIGN FEATURES ARE DESCRIBED ON OTHER SHEETS IN CONSTRUCTION DOCUMENTS.
3. FINAL PARTITION FINISHES ARE NOT INCLUDED ON PARTITION TYPES. SEE ROOM FINISH SCHEDULE FOR FINISHES.
4. PARTITION TYPES DO NOT ACCOUNT FOR LOAD BEARING VERSUS NON-LOAD BEARING LOCATIONS. SEE STRUCTURAL TO DETERMINE LOAD BEARING PARTITION LOCATIONS. CONSTRUCTION OF LOAD BEARING PARTITIONS SHALL BE MODIFIED FROM THESE PARTITION TYPES AS REQUIRED TO ACCOMMODATE DETAILING SHOWN ON STRUCTURAL SHEETS.
5. ALL WALLS SCHEDULED TO RECEIVE WALL TILE (IF SCHEDULED) SHALL HAVE TILE BACKER BOARD. GLUE & SCREW TO CMU WALL WHERE APPLICABLE, TYP. SEE FINISH ROOM FINISH SCHEDULE FOR ROOM FINISHES AND WALL TILE TYPES.
6. PROVIDE HORIZONTAL BRACING WITHIN INTERIOR WALLS AT INTERVALS OF 1/3 X (X= OVERALL WALL HEIGHT) OR EVERY 4'-0" VERTICALLY.
7. FOR PARTITIONS W/ SOUND BATT INSULATION SET BOTTOM TRACK ON BED OF ACOUSTIC SEALANT AND SEAL ALL PENETRATIONS, DEVISES ETC.
8. THE CUT PLANE FOR THE PARTITION TYPES SHOWN IS TYPICALLY AT 4' - 0" ABOVE FINISH FLOOR / SLAB. FOR ADDITIONAL PARTITION INFORMATION SEE WALL SECTIONS AND WALL SECTION DETAILS.
9. "D" - WALL TO DECK

6" MIN — BRACE BACK TO STRUCT AS REQ 48" OC MAX; CEILING AS SCHED; WALLS TYPES W/ GYP

7 25/32" MIN — CMU, SEE STRUCT; CEILING AS SCHED; MAS WALLS

BRACE BACK TO STRUCT AS REQ 48" OC MAX; CEILING AS SCHED; GYP TO GYP ON STUD WALLS

CMU, SEE STRUCT; CEILING AS SCHED; REVEAL AT ALL LOCATIONS GYP MEETS CMU

1 / LS121 — STANDARD CEILING TO WALL DETAILS
3/4" = 1'-0"

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Bradford A. Jones 9107 — Registered Professional Engineer — State of Louisiana

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

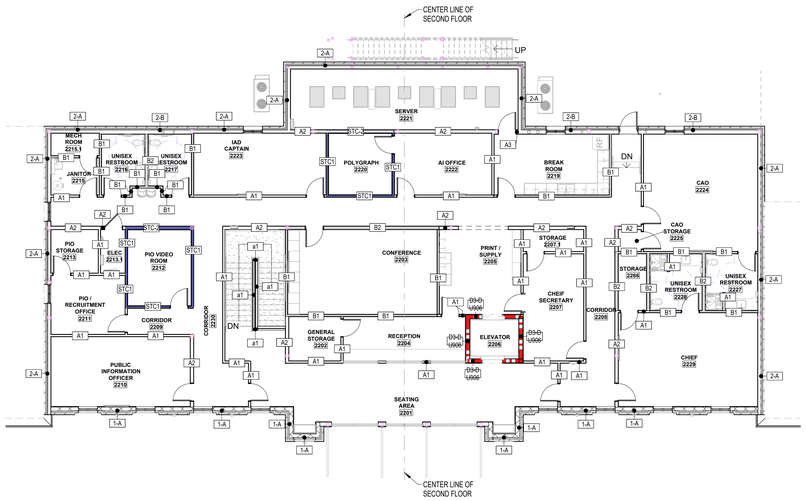
PARTITION TYPES & NOTES

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

LS121

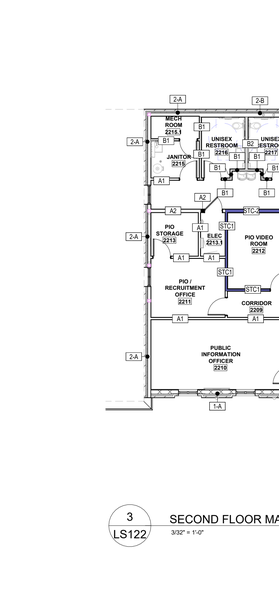
VERIFY SCALES
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1"
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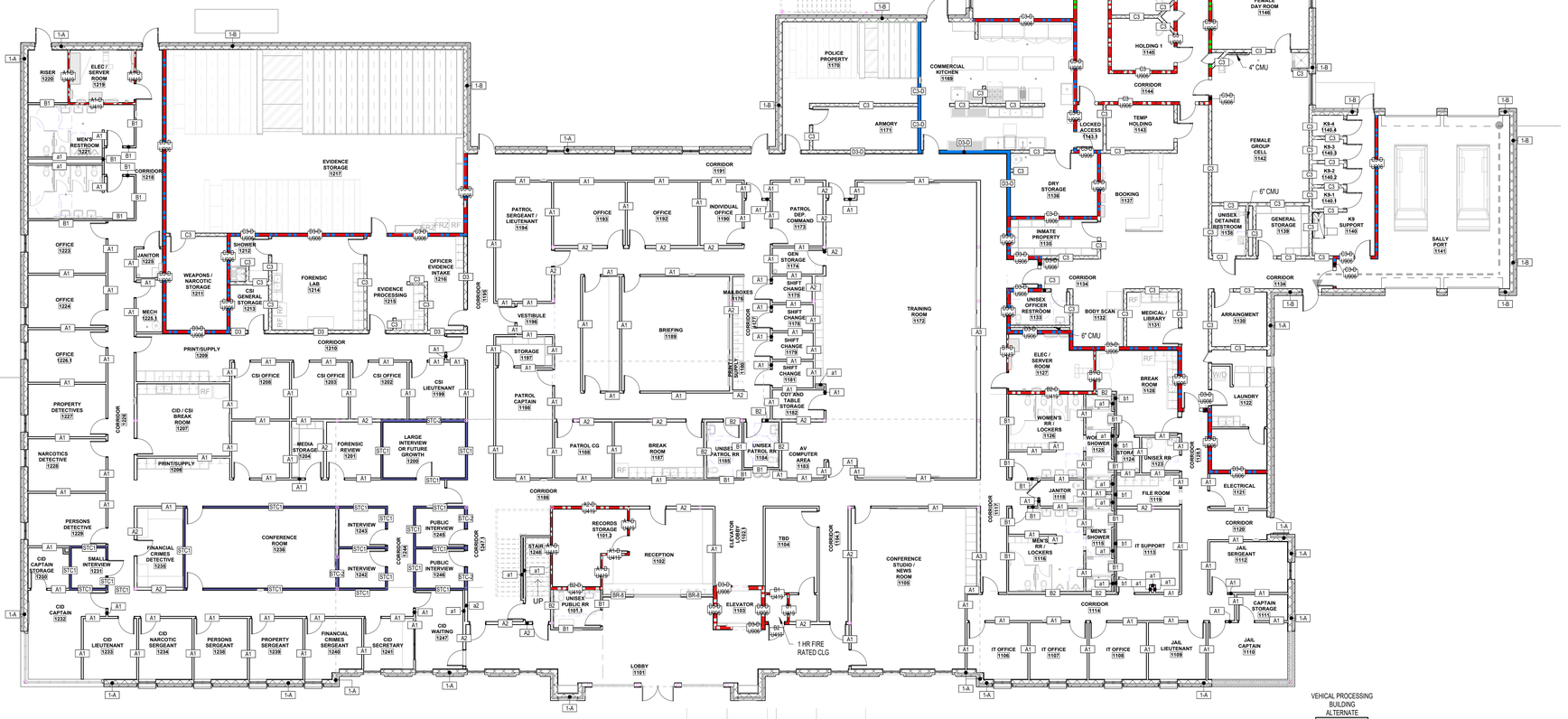
3 LS122 SECOND FLOOR MAIN BUILDING - PARTITION TYPE PLAN

3/32" = 1'-0"



2 LS122 ALT 2; OUTBUILDING - PARTITION TYPE PLAN

3/32" = 1'-0"

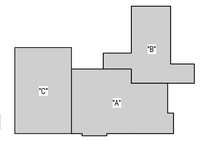


1 LS122 FIRST FLOOR MAIN BUILDING - PARTITION TYPE PLAN

3/32" = 1'-0"

VEHICAL PROCESSING BUILDING ALTERNATE "D"

KEY PLAN



ALTERNATE #1

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FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

PARTITION TYPE PLANS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

LS122

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

NO.	DATE	REVISION / SUBMITTAL
REV 1	04.07.26	ISSUED FOR CONSTRUCTION
REV 0	11.26.25	ISSUED FOR CONSTRUCTION

BOUNDARY AND TOPOGRAPHIC SURVEY

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JGP
CHECKED BY: GWK

V100

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A TOPOGRAPHIC SURVEY FOR
A PARCEL OF LAND SITUATED IN
THE CITY OF SLIDELL,
SECTION 2, T-9-S, R-14-E,
G.D., ST. TAMMANY PARISH, LOUISIANA

DESCRIPTION IS BASED ON ORIGINAL PROPERTY AS SURVEYED. IT IS NOT TRANSFERABLE TO ADDITIONAL MEETING OR SUBSEQUENT OWNERS. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL OF SURVEYOR.

CITY OF SLIDELL—ENGINEERING

NO.	DESCRIPTION	DATE	BY	CHK'D
REVISIONS:				

J.V. Burkes & Associates, Inc.
SURVEYING ENGINEERING ● ENVIRONMENTAL
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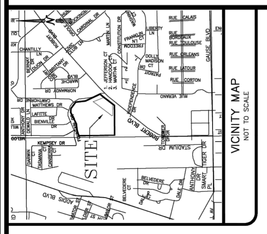
SEAN M. BURKES
LA REG. No. 4785
SURVEYED BY:

SCALE: 1" = 30'
DATE: 04/09/2025
DRAWN BY: TL
CHECKED BY: GDL
DWG. NO. 20250116
SHEET 1 OF 1

I CERTIFY THAT THIS IS A TRUE AND ACTUAL GROUND SURVEY AND THAT TO THE BEST OF MY KNOWLEDGE NO ENCROACHMENTS EXIST EITHER WAY ACROSS ANY OF THE PROPERTY LINES, EXCEPT AS SHOWN. ENCUMBRANCES OF RECORD AS SHOWN ON TITLE OPINION OR TITLE POLICY WILL BE ADDED HERETO UPON RECEIPT. AS SURVEYOR ARE NOT NECESSARILY ENCUMBRANCES OF RECORD. AS SURVEYOR HAS NOT PERFORMED ANY TITLE SEARCH OR ABSTRACT. PROPERTY IS SURVEYED IN ACCORDANCE WITH THE "LOUISIANA MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" FOR A CLASS "C" SURVEY. BEARINGS ARE BASED ON RECORD BEARINGS UNLESS NOTED OTHERWISE.

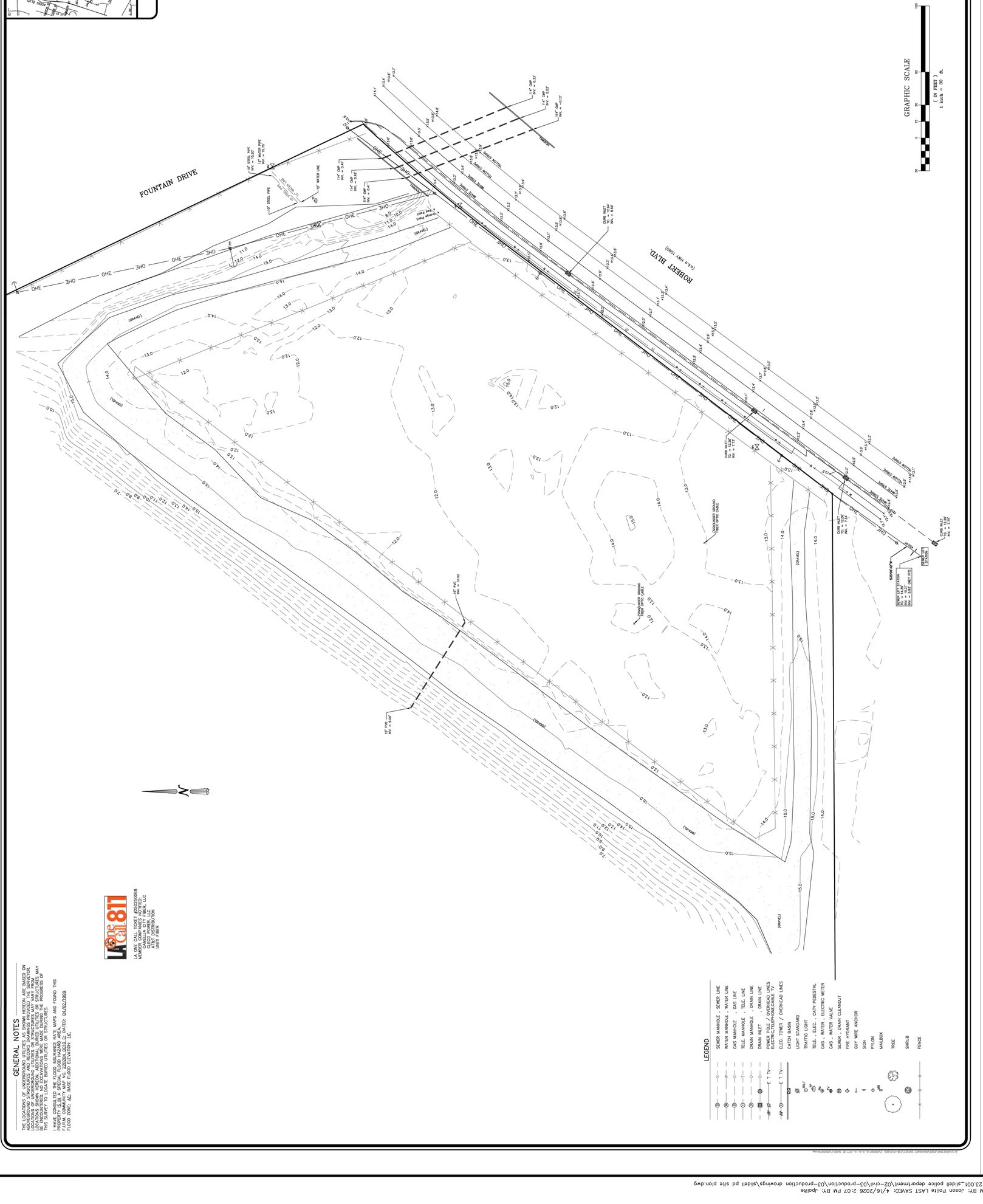
CERTIFICATION

VICINITY MAP
NOT TO SCALE



THIS SURVEY IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY!
(CONTRACTOR SHALL CONSULT ORIGINAL SURVEY FOR ANY PROPERTY INFORMATION AND EXISTING CONDITIONS)

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.


FOUNTAIN DRIVE
ROBERT BLVD.
(a.k.a. HWY 190S)
10" STEEL PIPE
INV. = 15.22'
12" WATER PIPE
INV. = 14.72'
10" STEEL PIPE
10" WATER LINE
14" CMP
INV. = 0.47'
14" CMP
INV. = 0.07'
14" CMP
INV. = 0.57'
OHE
SHED
(GRAVEL)
(CURVED)
DRIVE WATER
DRIVE WATER
DRIVE WATER

SITE DEMOLITION NOTES

1. THE CONTRACTOR SHALL CALL LOUSIANA ONE CALL (1-800-272-3020) BY LAW TO LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO THE START OF HIS WORK.
2. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROLS DURING THE ENTIRE COURSE OF WORK AS DETAILED ON THE STORM WATER POLLUTION PREVENTION PLANS. AND IN ACCORDANCE WITH THE STATE STORM WATER POLLUTION PREVENTION REQUIREMENTS.
3. ALL MATERIALS TO BE DEMOLISHED SHALL BE RECYCLED OR SALVAGED ACCORDING TO THE CONTRACTOR'S WASTE MANAGEMENT PLAN. ALL OTHER MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF SITE IN A LEGAL LANDFILL. CONTRACTOR IS NOT ALLOWED TO STOCKPILE NON-RECYCLED OR NON-SALVAGED DEMOLITION MATERIALS ON SITE. ALL MATERIALS SHALL BE REMOVED IN A TIMELY FASHION.
4. WITHIN THE LIMITS OF WORK AND THE VICINITY OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING AROUND TREES TO REMAIN AND PROTECT SAID TREES DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ASSOCIATED UTILITY COMPANY AND COORDINATING ANY REQUIRED DISCONNECTS AND/OR CONNECTIONS TO EXISTING UTILITIES.
6. FINAL SITE CLEARING - THE SITE SHALL BE CLEAR OF ALL DEBRIS, DEMOLITION RELATED AND NON-RELATED (SITE TRASH).

SURVEY LEGEND

● IRF	DENOTES IRON ROD FOUND
◉ IPF	DENOTES IRON PIPE FOUND
○ IRS	DENOTES IRON ROD SET
✕ CMF	DENOTES CONCRETE MONUMENT FOUND
(MEAS)	DENOTES MEASURED THIS SURVEY
(DEED)	DENOTES PER RECORDED DEED
	DENOTES TRAFFIC SIGN
MB	DENOTES MAILBOX
	DENOTES WATER VALVE
W	DENOTES WATER METER
	DENOTES FIRE HYDRANT
	DENOTES SANITARY SEWER CLEANOUT
S	DENOTES SANITARY SEWER MANHOLE
	DENOTES UTILITY POLE
	DENOTES UTILITY POLE GUY WIRE
FO	DENOTES FIBER OPTIC JUNCTION BOX
G	DENOTES GAS VALVE
ohe	DENOTES OVERHEAD POWER LINE
fo	DENOTES FIBER OPTIC LINE
w	DENOTES WATER LINE
ss	DENOTES GRAVITY SEWER LINE
g	DENOTES GAS LINE

STORMWATER POLLUTION PREVENTION NOTES

1. STOCKPILE TOPSOIL REMOVED FROM ROADWAY AREAS FOR USE LATER IN PLANTING PERMANENT GRASS ON ALL DISTURBED AREAS NOT USED AS PAVED ROADS, BUILDINGS ETC. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT EROSION AND LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
2. CONTRACTOR SHALL STAGE, TIME AND SEQUENCE CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
3. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR SHALL STABILIZE THE SOIL. FOR LONG, NARROW AREAS OR STEEP GRADES (GREATER THAN 3:1), THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS. FAILURE TO STABILIZE IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF PERMITS OBTAINED FOR SAID ACTIVITY AND MAY BE SUBJECT TO CORRECTIVE ACTION BY THE LOCAL, STATE OR FEDERAL GOVERNING AUTHORITY.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK. IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF SAID EROSION CONTROL ITEMS AT NO CHARGE TO THE OWNER.
5. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES AND TURBIDITY BARRIERS AS SHOWN ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES MANUAL FROM THE LOUSIANA DEPARTMENT OF ENVIRONMENTAL QUALITY, LATEST EDITION.
6. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD AND/OR ARTIFICIAL COVERINGS AS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES MANUAL FROM THE LOUSIANA DEPARTMENT OF ENVIRONMENTAL QUALITY, LATEST EDITION.
7. TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH AND DRAINAGE FABRICS. MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
8. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER OR AS SPECIFIED IN THE CONSTRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF-SITE BY EROSION OR STORMWATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR LOCAL, STATE OR FEDERAL GOVERNING AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
9. PLACE STONE CHECK DAM IN ALL NATURAL OR CREATED DRAINAGEWAYS WHERE PIPES DISCHARGE WATER TO TRAP SEDIMENT ON SITE AND DO NOT ALLOW IT TO GO ONTO ADJACENT PROPERTY. ALL SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE INSTALLED BY A METHOD ACCEPTABLE TO THE ENGINEER AND/OR TO THE LOCAL, STATE OR FEDERAL GOVERNING AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER.
10. SEED ALL SWALES AND DITCHES TO SOME TYPE OF PERMANENT GRASS WHERE SLOPE OF LAND DOES NOT EXCEED 2%.
11. ALL SEDIMENT AND EROSION CONTROL STRUCTURES, INCLUDING BASINS, GRAVEL FILTERS, SILT FENCE AND TRAPS SHALL BE INSPECTED EVERY 7 DAYS AND AFTER ALL RAINFALLS IN EXCESS OF 0.5". AN INSPECTION REPORT SHALL BE MADE ON EACH OCCASION, NOTING CONDITION OF ALL STRUCTURES AND OUTLINING ANY REQUIRED MAINTENANCE. ALL STRUCTURES SHALL BE CLEANED AND REESTABLISHED WHEN SEDIMENT REACHES 50% STORAGE CAPACITY.
12. THE CONTRACTOR SHALL BE FAMILIAR WITH, AND KNOWLEDGEABLE OF, ALL FEDERAL, STATE, AND LOCAL CODES, REQUIREMENTS, REGULATIONS AND SPECIFICATIONS REGARDING THE CONSTRUCTION OF THIS PROJECT. ALL MATERIALS, WORKMANSHIP, INSTALLATION AND RESTORATION SHALL MEET OR EXCEED MINIMUM REQUIREMENTS. LACK OF DETAILS ON THE PLANS OR ABSENCE OF SPECIFIC INFORMATION SHALL NOT RELIEVE THE CONTRACTOR OF COMPLYING WITH ALL APPLICABLE CODES, REQUIREMENTS AND SPECIFICATIONS.
13. PROVIDE A TEMPORARY STONE SPLASH PAD AT ALL FIRE HYDRANTS OR OTHER POINTS OF DISCHARGE DURING TESTING OF THE WATER DISTRIBUTION SYSTEM.
14. CUT OR FILL SLOPES WHICH EXCEED (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED DAILY UNTIL THE SLOPE IS BROUGHT TO GRADE.
15. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED. ANY ADDITIONAL TEMPORARY CONTROL DEVICES THAT MAY BE REQUIRED SHALL BE PROVIDED AS PART OF THIS PROJECT AT NO ADDITIONAL COST TO THE OWNER.
16. THE PROPOSED WORK ITEMS SHOWN ON THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF ENSURING THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS FOR STORM WATER POLLUTION PREVENTION, WATER QUALITY AND ILLEGAL POINT SOURCE DISCHARGE ARE STRICTLY ADHERED TO. ANY AND ALL ACTION NECESSARY TO BE IN COMPLIANCE WITH ALL REGULATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

SEQUENCING OF SITE WORK AND RELATED EROSION CONTROL DEVICES

THE CONSTRUCTION PHASE SHOULD BE DIVIDED INTO THREE PHASES OF BEST MANAGEMENT PRACTICES IMPLEMENTATION (BMP). THE FOLLOWING IS A SUGGESTED PHASING PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONSTRUCTION PLANS, LOUSIANA DEPARTMENT OF ENVIRONMENTAL QUALITY BEST MANAGEMENT PRACTICES MANUAL, LATEST EDITION AND ANY OTHER INFORMATION THAT MAY BE RELEVANT TO THE IMPLEMENTATION AND PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN BEST SUITED FOR THIS PROJECT:

PHASE I: START UP AND PERIMETER CONTROLS

- CONTRACTOR SHALL POST ALL SITE AND STORMWATER CONTROL PERMITS AS REQUIRED BY EACH INDIVIDUAL PERMIT.
- CONTRACTOR SHALL INSTALL PERIMETER CONTROLS. PREFERABLY, THESE SHOULD BE INSTALLED AFTER CLEARING AND PRIOR TO ANY GRUBBING OF THE SITE. FOR LARGER AREAS, CLEARING OF AN AREA THE WIDTH OF A BULLDOZER AND INSTALLING THE PERIMETER CONTROLS SHOULD BE PERFORMED PRIOR TO CLEARING THE INTERIOR PORTIONS OF THE SITE.
- HOLD PRE-CONSTRUCTION CONFERENCE AT LEAST ONE (1) WEEK PRIOR TO STARTING CONSTRUCTION AND PERFORM WEEKLY REVIEWS OF THE EROSION SEDIMENT AND STORMWATER CONTROL PLAN.
- REMOVE VEGETATION, UNDERGROWTH AND TOP SIX (6) INCHES OF ORGANIC MATERIAL FROM THE SITE AND STOCKPILE TOPSOIL. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
- PLACE TEMPORARY SANITARY FACILITIES AND DUMPSTERS.

PHASE II: INTERMEDIATE CONTROLS

- INTERMEDIATE CONTROLS ARE IMPLEMENTED FROM GRUBBING TO FINAL GRADE. THIS INCLUDES INSTALLATION OF SUBSURFACE DRAINAGE, INLETS AND UTILITIES AND BRINGING THE SITE TO FINAL GRADE. DURING THIS PHASE, THE EXTENT AND DURATION OF EXPOSURE OF UN-STABILIZED AREAS IS GREATEST. THE CONTRACTOR SHALL TAKE ANY ADDITIONAL MEASURES REQUIRED TO PREVENT ADDITIONAL STORMWATER OR SEDIMENTATION RUNOFF AT NO ADDITIONAL COST TO THE OWNER.

PHASE III: FINAL CONTROLS

- THESE CONTROLS ARE IMPLEMENTED TO ACHIEVE FINAL STABILIZATION OF THE SITE. THE CONSTRUCTION OF HARD SURFACES AND FINAL PAVEMENT, STRUCTURES AND UTILITIES ARE INSTALLED. THIS PHASE ESTABLISHES THE PERMANENT VEGETATION, RETENTION/DETENTION PONDS FACILITIES AND THE INSTALLATION OF ANY OUTLET PROTECTIONS, ENERGY DISSIPATERS ROCK CHECK DAMS, ETC. AT FINAL STABILIZATION, USEPA (1992) GUIDELINES STATES THAT PERMANENT VEGETATION MUST BE UNIFORMLY ESTABLISHED ON AT LEAST 70 PERCENT OF SOIL SURFACES NOT COVERED WITH EROSION-RESISTANT SURFACES (PAVEMENTS, BUILDINGS, ETC.). ALL PERMANENT DRAINAGE IMPROVEMENTS MUST BE INSTALLED AND TESTED TO VERIFY THAT THEY PERFORM AS DESIGNED. THE STORMWATER MANAGEMENT SYSTEM SHOULD BE CHECKED AND CLEANED OF ANY ACCUMULATED SEDIMENTS. TEMPORARY BMP'S NOT REQUIRED AS PART OF THE PERMANENT STABILIZATION OR BMP PLAN SHALL BE REMOVED AND PROPERLY DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY AND ALL SEDIMENT, DEBRIS, ETC., FROM THE STORMWATER INLETS, PIPE SYSTEMS, RETENTION/DETENTION PONDS, ETC. AS MAY BE REQUIRED TO CREATE A FULLY FUNCTIONAL STORMWATER MANAGEMENT SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

OTHER POLLUTION SOURCES CONTROL NOTES

1. MAINTENANCE AND REPAIR OF CONSTRUCTION EQUIPMENT SHALL BE CONFINED TO ONE AREA - LOCATED ON A LEVEL AREA, AS FAR FROM CREEKS AND WETLANDS AREAS AS POSSIBLE. STORAGE CONTAINERS AND WASTE DISPOSAL RECEPTACLES SHALL BE PROVIDED AT THIS AREA FOR OILS, FUELS, GREASE, SOLVENTS, ETC., THAT ARE USED ON THE SITE. THE MAINTENANCE AREA SHALL BE INSPECTED AND CLEANED DAILY. DISPOSAL RECEPTACLES SHALL BE EMPTIED WEEKLY, PROPERLY AND IN A LEGAL MANNER.
2. ANY FUEL STORAGE TANKS KEPT ON THE SITE SHALL BE PROVIDED WITH SECONDARY CONTAINMENT; THIS SHALL CONSIST OF A PAN UNDER THE TANK, LINED CONTAINMENT AREA WITH BERMS OR CONCRETE CONTAINMENT AREA, TO CONTAIN ANY LEAKAGE OR SPILLAGE WHICH MAY OCCUR FROM THE TANK DURING USE AND NON-USE TIMES.
3. TRASH RECEPTACLES AND OTHER WASTE-HOLDING FACILITIES SHALL BE UTILIZED AT ONE OR TWO LOCATIONS ON THE PROJECT SITE TO CONTAIN WASTES AND PREVENT ITS MOVEMENT DOWN-GRADE OR OFFSITE. THESE FACILITIES SHALL BE EMPTIED AND WASTE DISPOSED OF ON A WEEKLY BASIS, OR MORE OFTEN AS NEEDED.
4. THE CONTRACTOR SHALL TAKE NECESSARY ACTION AS REQUIRED TO MINIMIZE THE TRACKING OF MUD/SOIL ONTO THE PAVED ROADWAY FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
5. WASHING OF CONSTRUCTION VEHICLES ON THE SITE WILL NOT BE ALLOWED. VEHICLES SHALL BE TRANSPORTED TO THE CONTRACTOR'S YARD AND WASHED AS NEEDED.
6. THE STORAGE OF ALL HAZARDOUS MATERIALS, FERTILIZERS, CHEMICALS, CEMENTS, SOLVENTS, PAINTS, OR OTHER POTENTIAL WATER POLLUTANTS SHALL BE LOCATED IN AN ISOLATED, LEVEL AREA, FAR FROM CREEK/WETLAND AREAS, WHERE THEY WILL NOT CAUSE POLLUTION DUE TO RUNOFF FROM THEM DURING RAINFALL EVENTS AND SHALL BE STORED IN A HAZMAT APPROVED FACILITY. ALL MSDS SHEETS FOR EACH HAZARDOUS MATERIAL SHALL BE KEPT IN THE HAZMAT STORAGE FACILITY AND A COPY OF THE MSDS SHEET SHALL BE KEPT IN THE GENERAL CONTRACTOR'S OFFICE. TOXIC CHEMICALS AND MATERIALS, SUCH AS PESTICIDES, PAINTS AND ACIDS, SHALL BE STORED ACCORDING TO THE MANUFACTURER'S GUIDELINES. CARE SHALL BE TAKEN TO PREVENT ACCIDENTAL SPILLAGE DURING USE OF THE MATERIALS. CONTAINERS SHALL NOT BE WASHED IN OR NEAR FLOWING STRAMS OR STORMWATER HANDLING SYSTEMS (INLETS, DITCHES, PONDS, ETC.).
7. ADEQUATE SANITARY FACILITIES SHALL BE PROVIDED FOR WORKERS ON THE SITE IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS. THESE FACILITIES SHALL BE REGULARLY EMPTIED AND MAINTAINED AND PLACED AWAY FROM CREEKS/WETLANDS AS FAR AS POSSIBLE AND ANCHORED TO PREVENT OVERTURNING, AS NEEDED.
8. CONTRACTOR SHALL PERFORM A DAILY WALK THRU OF THE PROJECT SITE TO PICK UP ANY LOOSE DEBRIS, LITTER OR TRASH AND DISPOSE OF ALL ITEMS IN THE WASTE RECEPTACLES SHOWN.

GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH TWO SETS OF "AS-BUILT" DRAWINGS PRIOR TO REQUESTING A FINAL INSPECTION. THE "AS-BUILT" DRAWINGS SHALL SHOW THE LOCATIONS OF ALL SEWER AND WATER STRUCTURES, LINES, BENDS, AND APPURTENANCES. GRADES ON STORM SEWER LINES SHALL ALSO BE FURNISHED ON "AS-BUILT" DRAWINGS.
2. INSTALLATION OF ANY GRAVITY FLOW PIPE, SUCH AS SANITARY SEWER OR STORM DRAIN, SHALL REQUIRE THAT THE CONTRACTOR START AT THE LOWEST CONNECTION POINT ELEVATION, AND WORK IN THE UPHILL DIRECTION. IF, IN THE BEST INTEREST OF THE PROJECT, THE CONTRACTOR WISHES TO INITIATE PIPE LAYING AT SOME LOCATION OTHER THAN THE LOWEST CONTROL, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM A SATISFACTORY CONNECTION TO THE LOWEST CONTROL, PRIOR TO BEGINNING CONSTRUCTION AT SOME POINT OTHER THAN THE LOWEST CONTROL ELEVATION, THE CONTRACTOR SHALL REQUEST, IN WRITING, AND RECEIVE, IN WRITING, APPROVAL FROM THE DESIGN ENGINEER, WHOSE NAME APPEARS ON THESE PLANS. SANITARY SEWER MAINS OR SERVICES WITH LESS THAN THREE FEET OF COVER SHALL BE DUCTILE IRON PIPE. SANITARY SEWER SERVICE SHALL ALWAYS BE BELOW WATER LINES AT CROSSINGS. IN NO CASE, WITHOUT THE ENGINEERS WRITTEN APPROVAL, SHALL THE CONTRACTOR TERMINATE THE SANITARY SEWER SERVICE AT A LOCATION THAT WOULD REQUIRE THE BUILDING PLUMBER TO CROSS THE STORM DRAIN PIPE AND/OR WATER MAIN.

SITE NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR THIS PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION.
2. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO PREVENT DAMAGE TO ALL TREE ROOTS DURING ENTRENCHING AND ANY OTHER CONSTRUCTION THAT MAY ENDANGER THE HEALTH OF THE TREES ACCORDING TO THE LOCAL MUNICIPALITIES REQUIREMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ANY AND ALL UTILITY COMPANIES IN REGARDS TO UTILITIES THAT MAY NEED TO BE RELOCATED AS PART OF THIS WORK.
4. CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL WARNING SIGNS THROUGH THE DURATION OF THE PROJECT. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION.
5. CONTRACTOR SHALL SUBMIT ROAD CLOSURE REQUESTS TO THE CITY OF SLIDELL ENGINEERING DEPARTMENT AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF CLOSURE, FOR REVIEW AND APPROVAL. THE CITY WILL SEND OUT A PRESS RELEASE TO RELEVANT AGENCIES AFTER APPROVAL.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PUBLIC NOTICE OF EACH ROAD CLOSING. CONTRACTOR SHALL FOLLOW ALL GUIDELINES FOR PUBLIC NOTICE AS ESTABLISHED BY CITY, COUNTY AND/OR STATE OFFICIALS. ANY DELAY IN CONSTRUCTION DUE TO CONTRACTOR NOT NOTIFYING THE PROPER AUTHORITIES OR NOT FOLLOWING THE REGULATORY AGENCY REQUIREMENTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. IF TRAFFIC INTERRUPTIONS ARE REQUIRED, THEY SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL BE SUBJECT TO LOCAL LAWS IN REGARDS TO TRAFFIC INTERRUPTIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF TREES SHOWN TO REMAIN. CONTRACTOR SHALL PROTECT TREES AS REQUIRED BY THE LOCAL MUNICIPALITIES TREE ORDINANCE AND/OR LAND DEVELOPMENT CODE.
9. ALL PERVIOUS AREAS DISTURBED DURING CONSTRUCTION SHALL RECEIVE NEW SOD OR SHALL BE SEEDED OR MULCHED. MINIMUM, AFTER COMPLETION AND APPROVAL OF WORK IN THAT AREA.
10. CONTRACTOR SHALL INSTALL HANDICAP PARKING, SYMBOLS AND RAMPS PER A.D.A. REQUIREMENTS.
11. CONTRACTOR SHALL STRIPE ALL HANDICAP PARKING SPACES BLUE. ALL OTHER STRIPING SHALL BE WHITE.
12. ANY EXISTING SITE DEBRIS AND/OR EXISTING STRUCTURES SHALL BE COMPLETELY REMOVED PRIOR TO CONSTRUCTION AS PER DEMOLITION PLAN.

SITE LAYOUT NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AS SHOWN ON THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
2. EXTREME CARE HAS BEEN TAKEN IN DETERMINING LAYOUT DIMENSIONS. CONTRACTOR SHALL ONLY SCALE AREAS IN WHICH NO DIMENSION IS SHOWN. CONTRACTOR SHALL VERIFY SCALE AND CONTACT ENGINEER IF ANY DISCREPANCIES OCCUR. IN NO CASE SHALL CONTRACTOR SCALE THE DRAWING TO OVERRIDE A SHOWN DIMENSION.
3. CONTRACTOR SHALL CONSULT AND VERIFY ALL BUILDING DIMENSIONS WITH THE BUILDING PLANS AND THE FOUNDATION PLANS. IF ANY DISCREPANCIES ARISE, THE BUILDING PLANS AND/OR THE FOUNDATION PLAN OVERRIDE ANY DIMENSIONS ON THIS PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ENGINEER IF ANY SAID DISCREPANCIES MAY AFFECT THE LAYOUT OF THE SITE PLAN.

SITE GRADING & DRAINAGE NOTES

1. EXISTING CONTOUR INTERVALS SHOWN ARE ONE FOOT (1').
2. PROPOSED CONTOUR INTERVALS SHOWN ARE ONE FOOT (1').
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, ETC., AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL LOCAL GOVERNING CODES AND SHALL COMPLY WITH SAID CODES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS.

UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL PROJECT RELATED UTILITIES, BURIED AND ABOVE GROUND, REGARDLESS OF INCLUSION ON THESE PLANS. THE LOCATIONS OF ANY EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ALL CONTRACTOR DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR STUB OUT OF ALL UTILITIES TO WITHIN 5' OF THE BUILDING. SITE CONTRACTOR SHALL COORDINATE LOCATION AND STUB OUT REQUIREMENTS PER ARCHITECTURAL/PLUMBING/ELECTRICAL, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION. TIE IN LOCATIONS WERE SHOWN AS PER SURVEY OR LOCATED/PROVIDED BY LOCAL UTILITY AUTHORITY AND EXACT LOCATIONS HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL UTILITY DEPARTMENT TO VERIFY LOCATION OF SEWER AND WATER CONNECTIONS.
3. CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION HAVING POTENTIAL IMPACT TO THE UTILITY'S STRUCTURE.
4. WATER SERVICE SHALL BE MAINTAINED TO ALL EXISTING CUSTOMERS; IF ANY SERVICE MUST BE INTERRUPTED, THE AFFECTED CUSTOMERS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE BY THE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE A MINIMUM COVER OF 36", MINIMUM, ON ALL WATER MAINS.
6. NEW WATER MAIN SHALL MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER MAIN AND STORM DRAIN PIPES, WHERE CROSSINGS OCCUR. WATER MAIN SHALL BE ROUTED OVER STORM PIPE WHEREVER POSSIBLE.
7. ALL WATER LINE FITTINGS 4 INCHES IN DIAMETER AND LESS SHALL BE OF THE SAME MATERIAL AS THE PIPE (i.e., PVC) AND SHALL BE CONSISTENT THEREWITH IN STRENGTH, DIMENSIONS AND FUNCTION.
8. CONTRACTOR SHALL INSTALL THRUST BLOCKS AT ALL BENDS AND FITTINGS (SEE DETAIL SHEET).
9. CONTRACTOR SHALL INSTALL LOCATOR WIRE AROUND ALL NEW INSTALLED PIPE AND FITTINGS.
10. ALL PROPOSED POTABLE WATER LINE FITTINGS, FIRE HYDRANTS AND ALL OTHER WATER LINE PIPING MATERIALS AND FITTINGS FOR THIS PROJECT SHALL BE AWWA APPROVED.
11. CONTRACTOR SHALL INSTALL ALL WATER LINES AND FITTINGS AS PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
12. EXISTING WATER AND SANITARY SERVICE LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THESE LINES LOCATED AND COORDINATE TIE IN LOCATIONS WITH THE BUILDING CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING BUILDING SANITARY SEWER PIPE ELEVATION AND DETERMINE THE ELEVATION REQUIRED TO CONNECT TO THE EXISTING SEWER LINES.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL SEWER LINES TO ENSURE POSITIVE FLOW OF SEWER LINES.
15. THESE PLANS ARE SUBJECT TO APPROVAL BY THE LOCAL GOVERNING MUNICIPALITY AND ANY OTHER GOVERNING AUTHORITY.
16. ENGINEER HAS ATTEMPTED TO UTILIZE APPARENT EXISTING UTILITIES ON THE SITE, HOWEVER THE FUNCTION OR FEASIBILITY OF UTILIZING THESE APPARENT UTILITIES HAS NOT BEEN FIELD VERIFIED. THE ENGINEER DOES NOT WARRANT TO THE OWNER OR THE CONTRACTOR THAT THESE UTILITIES CAN BE USED. THIS SHOULD BE FIELD VERIFIED BY THE CONTRACTOR AND BE ACCOUNTED FOR APPROPRIATELY IN THE COSTING OF THE PROJECT.

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JGP
CHECKED BY: GWK

GENERAL N

DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING FENCE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
2. CONTRACTOR SHALL CLEAR AND GRUB IN THIS AREA ONLY (THIS SHALL INCLUDE 6" OF STRIPPING). CONTRACTOR SHALL MAINTAIN AND PROTECT THE REMAINDER OF THE WOODED AREA IN IT'S EXISTING CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
3. CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
4. CONTRACTOR SHALL MULCH THE UNDERBRUSH IN THESE AREAS. CONTRACTOR SHALL PROTECT ANY TREES LARGER THAN 2" DIAMETER. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
5. CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING CONCRETE CURB AND GUTTER. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
6. CONTRACTOR SHALL UNDERCUT AREA AS INDICATED TO A MINIMUM ELEVATION OF 12.50' (SOME AREAS MAY EXTEND BEYOND THIS ELEVATION TO ACHIEVE REQUIRED CLEARING AND GRUBBING). THE CONTRACTOR SHALL BE NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS IN ADVANCE TO SCHEDULE PROOF ROLLING. THE ENGINEER SHALL BE PRESENT TO WITNESS ALL PROOF ROLLING ACTIVITIES PRIOR TO ANY UNDERCUTTING OPERATIONS. ANY AREAS REQUIRING UNDERCUT BEYOND THOSE IDENTIFIED IN THE CONTRACT DOCUMENTS SHALL RECEIVE WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PROCEEDING WITH ADDITIONAL UNDERCUTTING. CONTRACTOR SHALL BACKFILL WITH STRUCTURAL FILL AS DIRECTED IN THE GEOTECHNICAL REPORT.

DEMOLITION LEGEND

- DENOTES UNDERCUT AREA
- DENOTES CONCRETE SIDEWALK TO BE REMOVED
- DENOTES AREA TO BE MULCHED
- DENOTES CHAIN LINK FENCE TO BE REMOVED
- DENOTES CLEARING LIMITS
- DENOTES CONCRETE CURB AND GUTTER REMOVAL

GRAPHIC SCALE
1" = 20'

15" PVC
INV. = 6.00'

15" PVC
INV. = 10.52

AREA ONLY TO BE UNDERCUT IF THE OUTBUILDING ALTERNATE IS ACCEPTED

(SIGN)UNDER GROUND FIBER OPTIC CABLE

(SIGN)UNDER GROUND FIBER OPTIC CABLE

S35°08'42"W

TBM 60D IN PP
13.81

SEWER LIFT STATION

CURB INLET
TC: = 12.20'
INV. = 7.75'

CURB INLET
TC: = 12.56'
INV. = 7.34'

CURB INLET
TC: = 12.26'
INV. = 7.73'

CURB INLET
TC: = 12.94'
INV. = 8.59'

114" CMP
INV. = 0.41'

114" CMP
INV. = 0.42'

114" CMP
INV. = 0.41'

10" STEEL PIPE
12" WATER LINE

ROBERT BLVD.

(a.k.a HWY 1090)

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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STORM WATER POLLUTION PREVENTION PLAN

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REV 0	11.26.25	ISSUED FOR CONSTRUCTION
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SWPPP LEGEND
- DENOTES PERIMETER CONTROL (SILT FENCE)
- DENOTES INLET PROTECTION
- DENOTES CONSTRUCTION ENTRANCE/EXIT
- DENOTES STORM DRAIN PIPE
- DENOTES SITE FENCING

GRAPHIC SCALE
1" = 20'
0' 10' 20' 40'

ROBERT BLVD.
(a.k.a. HWY. 1090)

PERIMETER CONTROL (TYPICAL)

INLET PROTECTION (TYPICAL)

CONSTRUCTION ENTRANCE / EXIT

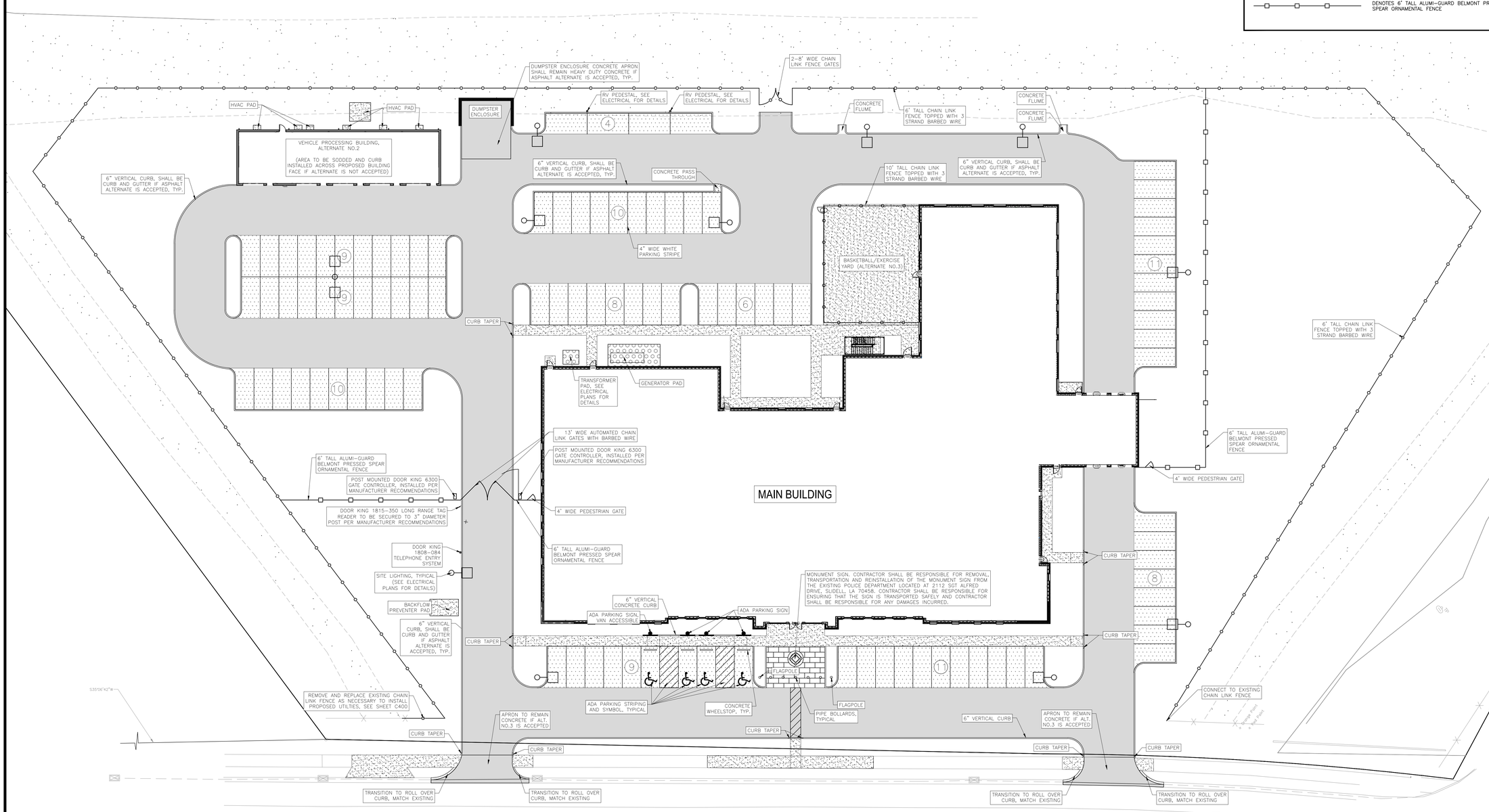
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SITE REQUIREMENTS

	REQUIRED	PROVIDED
OFF STREET PARKING	176 (BASED ON CITY CALCS.)	95
FRONT BUILDING SETBACK (FT)	25	57
SIDE BUILDING SETBACK (FT)	10	144
REAR BUILDING SETBACK (FT)	0	1000

PAVEMENT LEGEND

- DENOTES HEAVY DUTY PAVEMENT (SEE PAVEMENT DETAILS)
- DENOTES LIGHT DUTY PAVEMENT FOR PARKING AREA (SEE PAVEMENT DETAILS)
- DENOTES STAMPED AND STAINED CONCRETE (SEE SPECIFICATIONS FOR DETAILS)
- DENOTES CONCRETE SIDEWALK
- DENOTES 6' TALL CHAIN LINK FENCE TOPPED WITH 3-STRAND BARBED WIRE
- DENOTES 6' TALL ALUMI-GUARD BELMONT PRESSED SPEAR ORNAMENTAL FENCE



GRAPHIC SCALE
0' 10' 20' 40'
1" = 20'

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CIVIL SITE PLAN

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REV.1	04.07.26	ISSUED FOR CONSTRUCTION

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OUT BUILDING

MAIN BUILDING

25' FRONT SETBACK

10' SIDE SETBACK

ROBERT BLVD.

(a.k.a. HWY 1090)

S35°06'42"W

TBM 600 IN PP
13.81

GRAPHIC SCALE
1" = 20'

0' 10' 20' 40'

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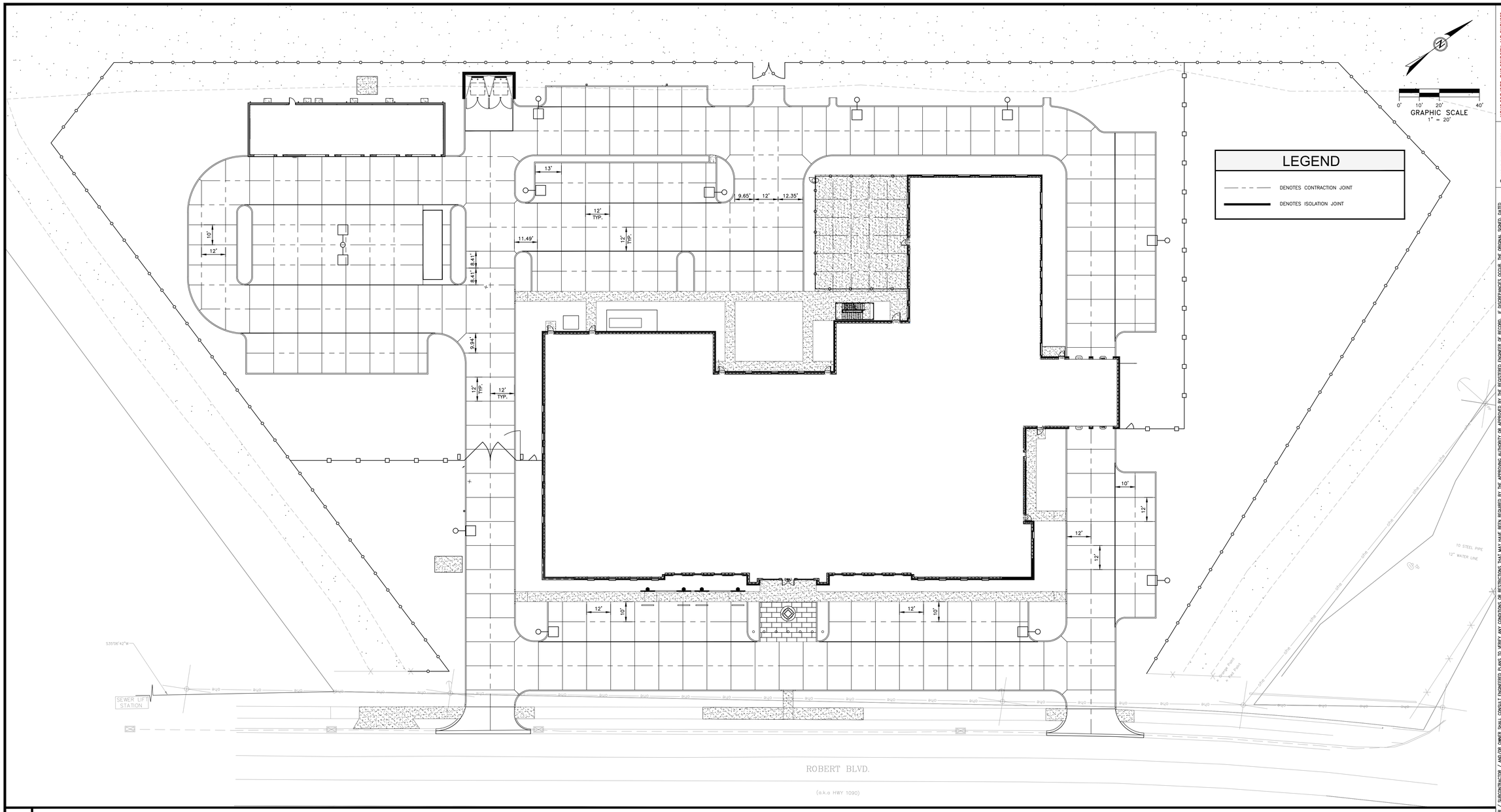
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SITE LAYOUT PLAN

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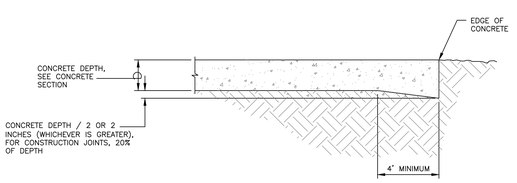
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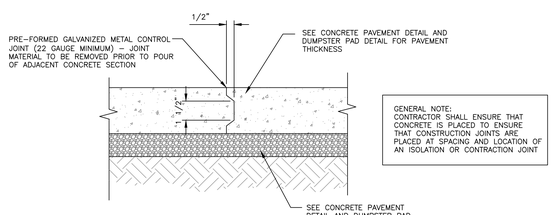
1 JOINTING PLAN

1. CONTRACTOR SHALL CONFORM TO THE PROVIDED JOINT LAYOUT PLAN. CONTRACTOR SHALL PLAN POURS TO ENSURE THAT CONSTRUCTION JOINTS ARE PROVIDED AT LOCATIONS OF ISOLATION OR CONTRACTION JOINTS.
2. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R–08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
3. ISOLATION JOINTS SHALL BE APPLIED AROUND IN–PAVEMENT AND FIXED STRUCTURES, SUCH AS DRAINAGE INLETS, MANHOLES, LIGHTING STRUCTURES, FOOTINGS, ETC. AND AS NOTED ON PLANS.
4. JOINTS ARE TO ENTER CURVED EDGES WITH PERPENDICULAR CUTS.
5. JOINTS SHALL BE CUT WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
6. CONTRACTION JOINT CUTS SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP.
7. CONTRACTOR SHALL INSTALL CONSTRUCTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT. LOCATION SHALL BE PLANNED AS NOTED IN NOTE 1 ABOVE.
8. CONTRACTOR SHALL PROVIDE A THICKENED PAVEMENT EDGE AT BOTH SIDES OF ALL CONSTRUCTION JOINTS. THICKENED EDGE SHALL BE 20% OF SLAB THICKNESS OR 2 INCHES, WHICHEVER IS GREATER.
9. PROVIDE THICKENED EDGE ALL ALL AREAS WHERE CONCRETE TERMINATES (i.e. INTERSECTIONS) AND WHERE SHOWN ON PLAN.
10. CONTRACTOR SHALL CONTINUE CONTRACTION JOINTS THROUGH CURB AND CURB AND GUTTER TO HELP ELIMINATE SYMPATHY CRACKS.
11. IF EDGE RESTRAINTS ARE NOT USED, TIE BARS SHOULD BE PLACED AT THE FIRST LONGITUDINAL JOINT.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ISOLATION JOINTS AROUND ALL IN PAVEMENT AND FIXED STRUCTURES AS NOTED ABOVE WHETHER THEIR LOCATION IS SHOWN ON THIS PLAN OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAID JOINTS IRREGARDLESS OF WHETHER STRUCTURES ARE SHOWN ON THIS PLAN.
13. A PREFORMED JOINT FILLER MATERIAL OCCUPIES THE GAP BETWEEN THE STRUCTURE AND PAVEMENT.
14. FILLER MATERIAL IS A BITUMEN – TREATED FIBER BOARD, (SEE DETAIL)
15. JOINT SEALER IS APPLIED ABOVE THE FILLER MATERIAL AND AT EACH CONTRACTION JOINT.
16. RECOMMENDED JOINT PLAN MUST BE REVISED TO ACCOMMODATE CONSTRUCTION JOINTS.

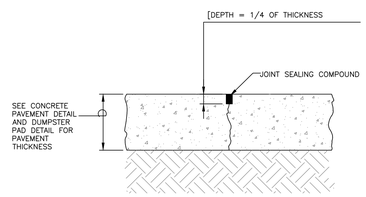
2 GENERAL JOINTING NOTES



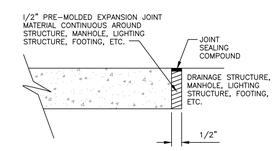
3 THICKENED SLAB DETAIL NOT TO SCALE



4 PRE-FORMED GALVANIZED METAL CONSTRUCTION JOINT DETAIL NOT TO SCALE



5 CONTRACTION JOINT DETAIL NOT TO SCALE



6 ISOLATION JOINT DETAIL NOT TO SCALE

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JOINTING PLAN AND DETAILS

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GRADING LEGEND

- 1185.50 — DENOTES PROPOSED SPOT ELEVATIONS
- TC:1185.50 — DENOTES TOP OF CURB/SIDEWALK ELEVATION
- 30 — DENOTES EXISTING GRADE CONTOUR
- 30 — DENOTES FINISHED GRADE CONTOUR
- ~3.50% — DENOTES WATERSHED FLOW DIRECTION
- RI — DENOTES GRADING RIDGE LINE

OUT BUILDING
FFE: 16.10'

MAIN BUILDING
FFE: 16.10'

ROBERT BLVD
(a.k.a. HWY 1090)

GRAPHIC SCALE
1" = 20'

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SITE GRADING PLAN

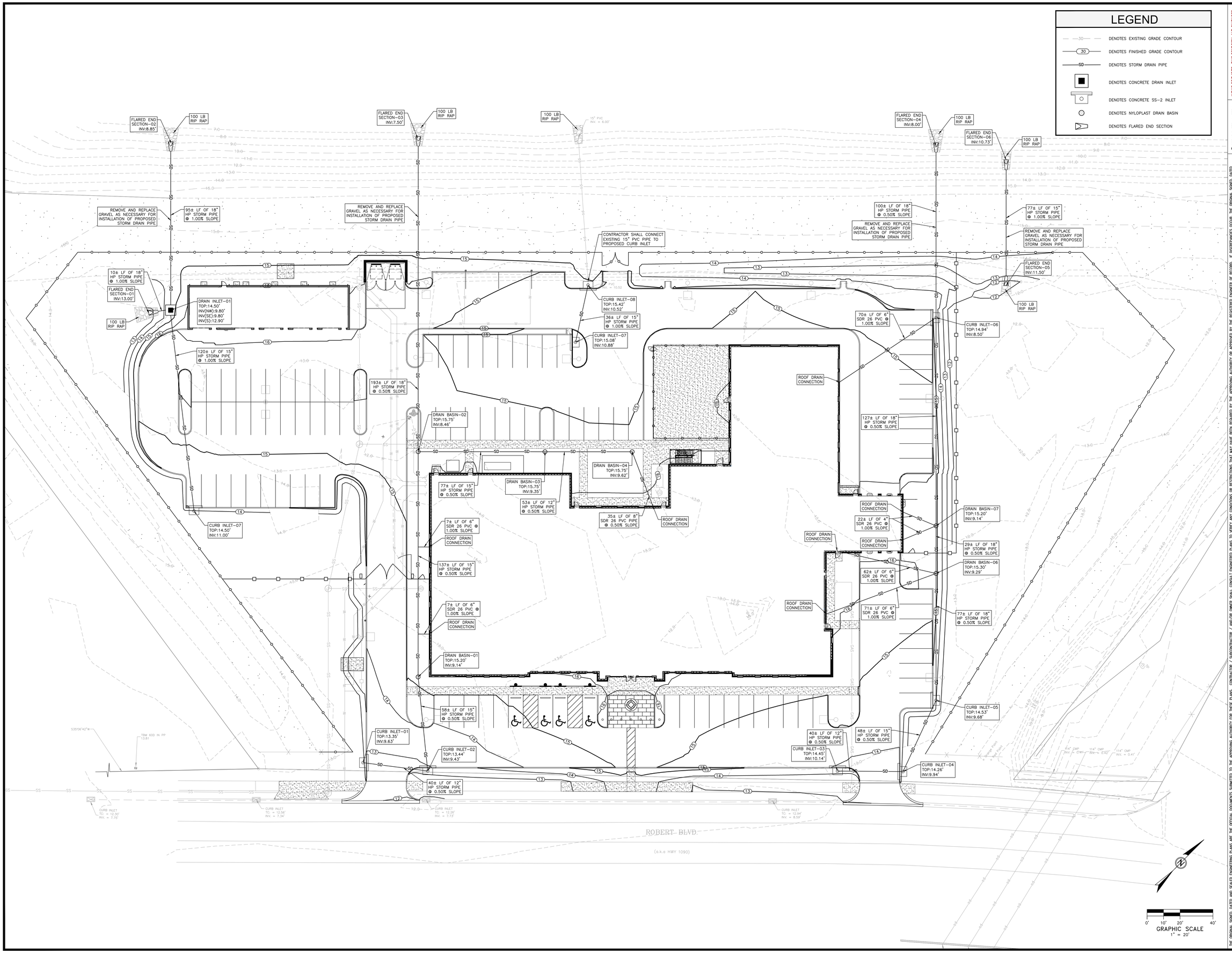
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PROFESSIONAL ENGINEER

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JGP
CHECKED BY: GWK

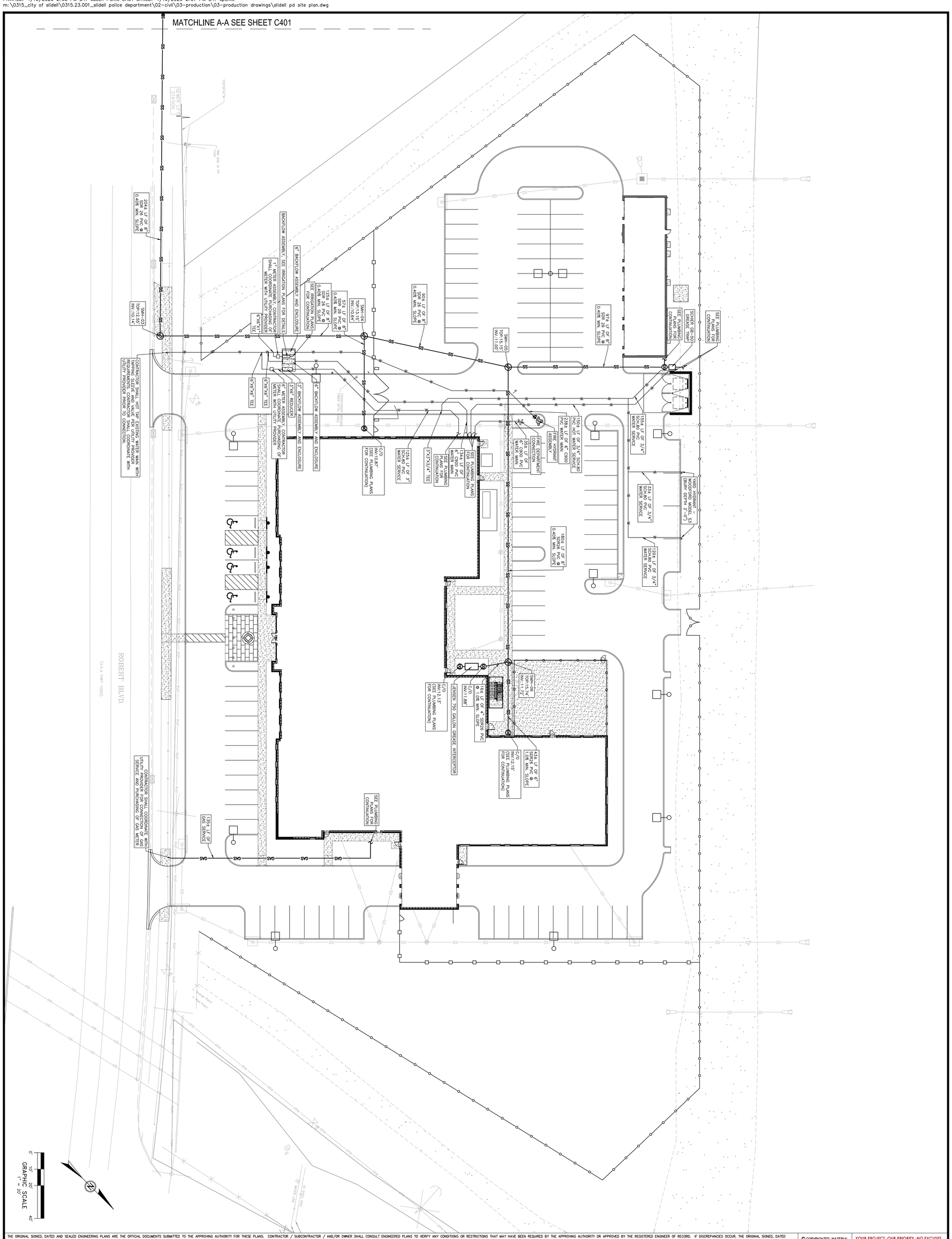
SITE DRAINAGE PLAN

NO.	DATE	REVISION / SUBMITTAL
REV.0	11.24.25	ISSUED FOR CONSTRUCTION
REV.1	04.07.26	ISSUED FOR CONSTRUCTION

C310

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SITE UTILITY PLAN

SCALE: AS SHOWN
PROJECT NO. 0315.23.001
DRAWN BY: JSP
CHECKED BY: GWK

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

STATE OF LOUISIANA — Gregory W. Kirkpatrick — License No. 34301 — Registered Professional Engineer

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GRAPHIC SCALE 1" = 20'
0' 10' 20' 40'

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

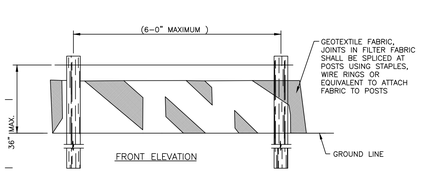
SITE UTILITY PLAN

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JSP
CHECKED BY: GWK

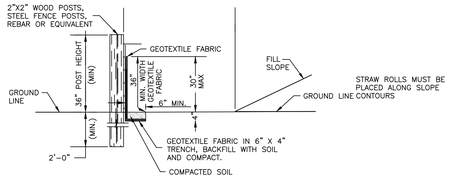
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

STATE OF LOUISIANA — Registered Professional Engineer — Gregory W. Gluntmack — License No. 34289 — Civil

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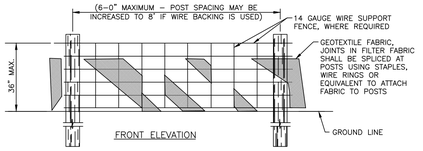


FRONT ELEVATION

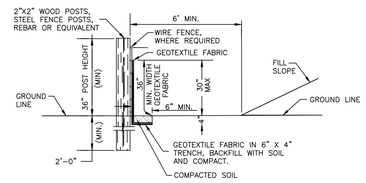


SIDE ELEVATION

SILT FENCE FABRIC ONLY OPTION

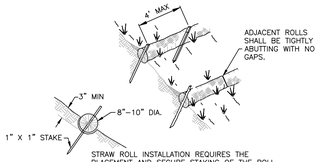


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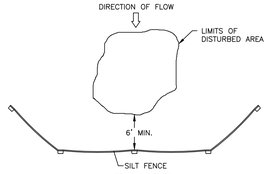


SIDE ELEVATION

SILT FENCE WITH WIRE BACKING OPTION



STRAW ROLL WATTLE OPTION



PLAN VIEW

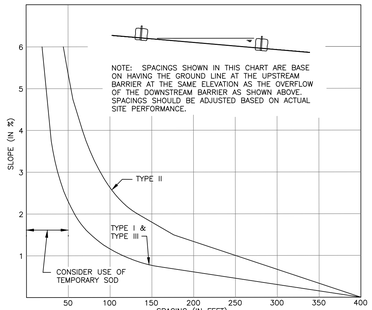


CHART 1 (SPACING FOR SEDIMENT BARRIERS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING EACH AREA THAT SEDIMENTATION BARRIERS ARE REQUIRED AND DETERMINING IF, BASED ON THE ABOVE CHART, ADDITIONAL ROWS OF SEDIMENTATION BARRIERS ARE REQUIRED. THE STORMWATER POLLUTION PREVENTION PLAN IS ONLY A SCHEMATIC DRAWING OF THE BASIC REQUIREMENTS FOR A BEST MANAGEMENT PRACTICES PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ANY ADDITIONAL REQUIREMENTS FOR IMPLEMENTATION OF THIS PLAN.

PERIMETER CONTROL NOTES

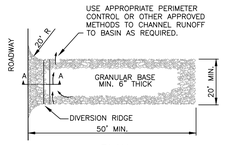
1. FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.
1. POSTS SHALL BE SPACED A MAXIMUM OF 6' O.C, SPACING MAY BE INCREASED TO 8' IF WIRE BACKING IS USED.
2. POSTS SHALL BE A MINIMUM OF 5'-0" IN LENGTH. IN ADDITION POSTS SHALL BE EITHER 2" x 2" N.D. WOOD POST OR HEAVY DUTY STEEL T-POSTS WITH PROJECTIONS FOR WIRE FASTENING.
3. WIRE SUPPORT FENCE SHALL BE A MINIMUM OF 36" IN HEIGHT, SHALL NOT EXTEND MORE THAN 36" ABOVE THE GROUND, AND SHALL EXTEND 2" INTO THE TRENCH.
4. WIRE FENCE SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6". WIRE SHALL BE SECURELY FASTENED TO THE UPSLOPE, PROJECT SIDE OF POSTS USING HEAVY DUTY STAPLES (AT LEAST 1" LONG), TIE WIRES OR HOG RINGS.
5. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN HEIGHT, AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
6. FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AT THE TOP, MIDDLE, AND BOTTOM OF EACH POST. IN ADDITION THE FABRIC SHALL BE STAPLED OR WIRED TO THE WIRE FENCE APPROXIMATELY ONE HALF (1/2) THE DISTANCE BETWEEN THE POSTS AT THE TOP, MIDDLE AND BOTTOM OF THE WIRE FENCE.
7. GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF 3' OVERLAP. EACH FREE END OF THE FABRIC SHALL BE SECURELY TIED TO THE WIRE FENCE AT 6" O.C. VERTICALLY.
8. SILT FENCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. THE ENTIRE LENGTH OF FENCE SHALL BE CHECKED FOR ANY DAMAGES ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT, FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAY'S END AT NO ADDITIONAL COST TO THE OWNER.
9. SILT FENCES SHALL BE MAINTAINED TO PREVENT ANY MATERIAL FROM MIGRATING FROM THE UPSLOPE SIDE OF THE FENCE. ANY REQUIRED MAINTENANCE OF THE SILT FENCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL EVENT AND WHEN DEPOSITS REACH APPROXIMATELY ONE–HALF (1/2) THE HEIGHT OF THE FENCE.
11. IN ORDER TO PREVENT SEDIMENT LADEN STORM WATER FROM BY–PASSING THE FENCE, IN AREAS WHERE SILT FENCES ARE NOT UTILIZED ON ALL SIDES OF A DISTURBED AREA, THE FENCE SHALL EXTEND BEYOND THE DISTURBED AREA IN J–HOOK SHAPE ON EACH END AS SHOWN IN THE ISOLATED SILT FENCE INSTALLATION PLAN VIEW.

1 PERIMETER CONTROL DETAILS

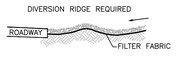
NOT TO SCALE

CONSTRUCTION ENTRANCE/EXIT NOTE

1. THE ENTRANCE SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE ENTRANCE SHALL BE CHECKED ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST TO THE OWNER.
3. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
4. MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION ENTRANCE DURING INGRESS AND EGRESS.



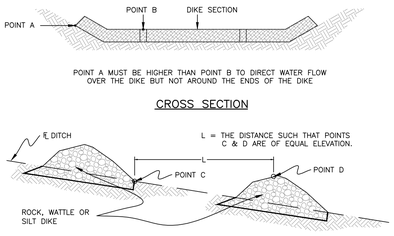
PLAN



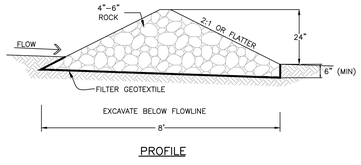
SECTION A – A

2 CONSTRUCTION ENTRANCE/EXIT DETAIL

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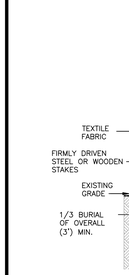
PROFILE VIEW ALONG DITCH FLOWLINE



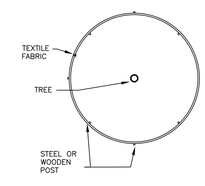
PROFILE

3 CHECK DAM PLACEMENT DETAIL

NOT TO SCALE



SECTION



PLAN

4 TREE PROTECTION PLACEMENT DETAIL

NOT TO SCALE

PLAN VIEW

PROFILE

INLET STRAW ROLL WATTLE OPTION

PIPE END TREATEMENT WATTLE OPTION

CURB INLET STRAW ROLL WATTLE OPTION

GEOTEXTILE FILTER FABRIC OPTION

SECTION "A–A"

PLAN

MANUFACTURED DEVICE OPTION

SILT FENCE OPTION

5 TYPICAL INLET PROTECTION DETAILS

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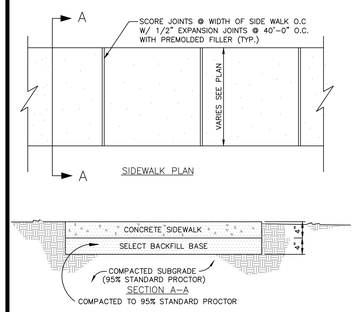
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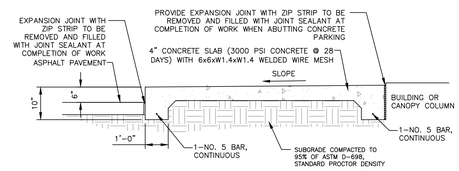
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STORM WATER POLLUTION PREVENTION DETAILS

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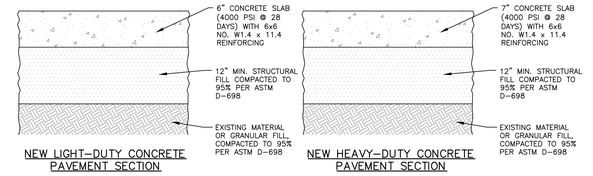


SIDEWALK NOTES

1. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R-08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
2. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
3. CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 5 FEET OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. JOINTS SHALL BE PROVIDED WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
5. CONTRACTION JOINT CUTS SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP. THE WIDTH OF THE CUT SHOULD BE APPROXIMATELY 1/8 INCH FOR UNSEALED JOINTS AND 1/4 INCH FOR SEALED JOINTS.
6. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.
7. SCORED JOINTS SHALL BE 1/4" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
8. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
9. CONTRACTOR SHALL INSTALL CONSTRUCTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT.
10. CONTRACTOR SHALL CONTINUE CONTRACTION JOINTS THROUGH CURB AND CURB AND GUTTER TO HELP ELIMINATE SYMPATHY CRACKS.

1 BUILDING SIDEWALK DETAIL

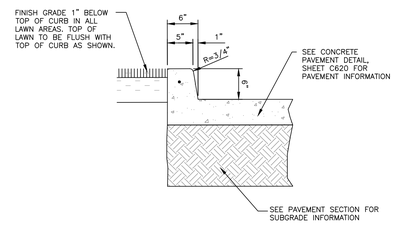
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2 PAVEMENT SECTION DETAILS

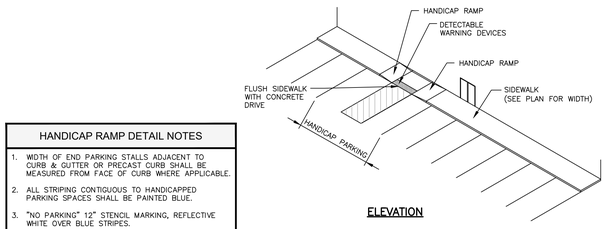
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NOTE: 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED @ 40' O.C. & SCORE @ 10' O.C., OR MATCH CONTROL JOINTS ON JOINTING PLAN



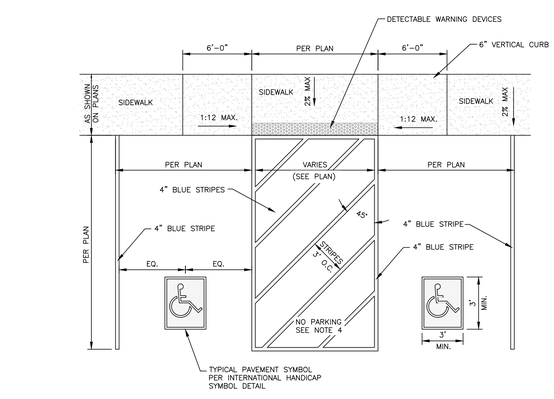
3 VERTICAL CURB DETAIL

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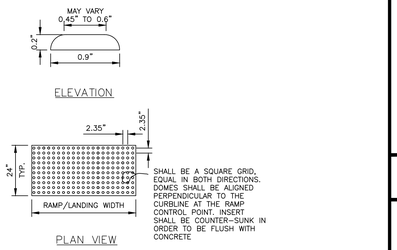
HANDICAP RAMP DETAIL NOTES

1. WIDTH OF END PARKING STALLS ADJACENT TO CURB & GUTTER OR PRECAST CURB SHALL BE MEASURED FROM FACE OF CURB WHERE APPLICABLE.
2. ALL STRIPING CONTIGUOUS TO HANDICAPPED PARKING SPACES SHALL BE PAINTED BLUE.
3. "NO PARKING" 12" STENCIL MARKING, REFLECTIVE WHITE OVER BLUE STRIPES.
4. HANDICAP PARKING GRADES SHALL NOT EXCEED 1:48 IN ANY DIRECTION.



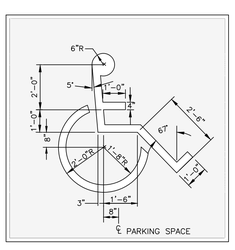
4 HANDICAP RAMP DETAIL

NOT TO SCALE



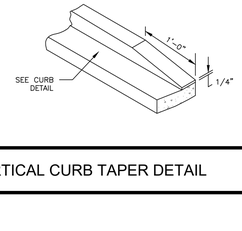
HANDICAP SYMBOL DETAIL NOTES

1. PAVEMENT SYMBOL SHALL BE PAINTED WHITE ON A BLUE BACKGROUND.
2. BLUE COLOR SHALL MATCH NO. 15090 IN THE FEDERAL STANDARD 595B AS SPECIFIED IN SECTION 522(B)2.



5 TRUNCATED DOME DETECTABLE WARNING DETAIL

NOT TO SCALE

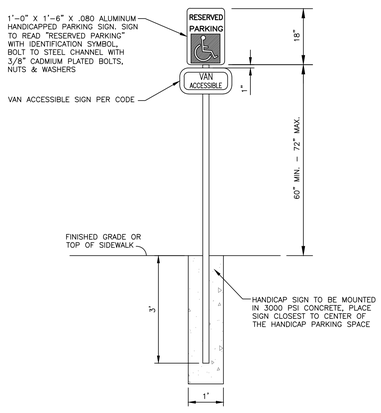


7 VERTICAL CURB TAPER DETAIL

NOT TO SCALE

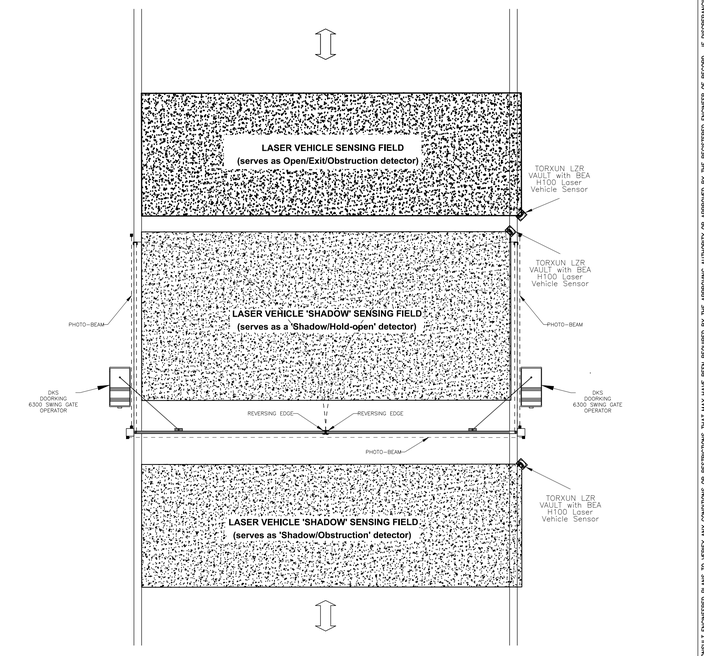
HANDICAP SIGN DETAIL NOTE

HANDICAP PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS.



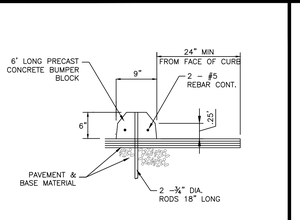
8 HANDICAP SIGN

NOT TO SCALE



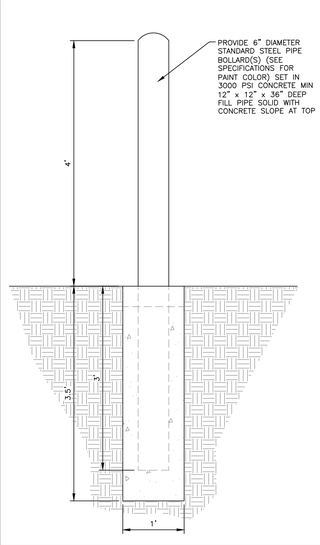
9 AUTOMATIC GATE SCHEMATIC

NOT TO SCALE



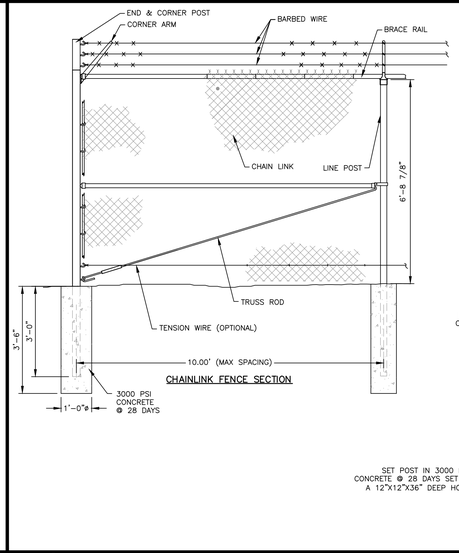
10 PRECAST CONCRETE WHEEL STOP DETAIL

NOT TO SCALE



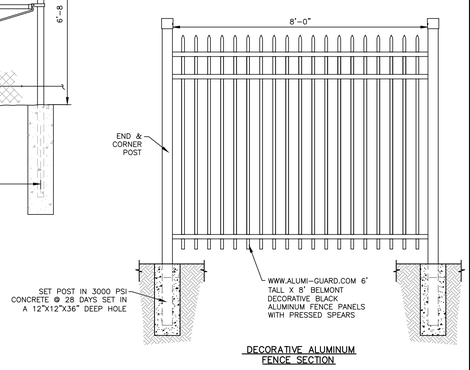
11 TYPICAL STEEL BOLLARD DETAIL

NOT TO SCALE



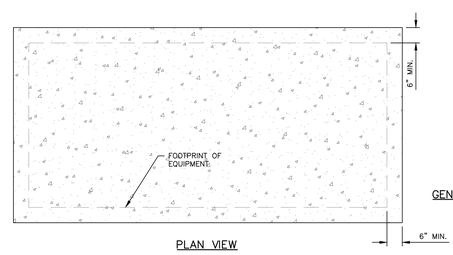
FENCE NOTES

1. CONCRETE SHALL CURE A MINIMUM OF TWO DAYS PRIOR TO THE INSTALLATION OF ANY FENCING MATERIAL.
2. ALL FENCING MATERIALS FOR CHAIN LINK FENCE SHALL BE BLACK-VINYL COATED.
3. GATES SHALL BE BUILT FROM THE FENCING MATERIAL, EQUIPPED WITH HARDWARE AND ATTACHED WITH GALVANIZED FASTENERS.



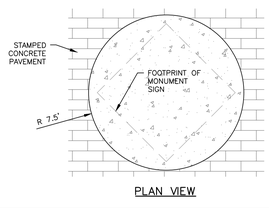
12 FENCE DETAILS DETAIL

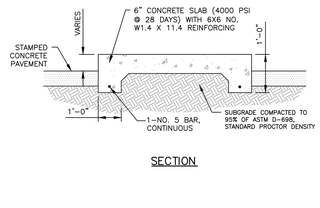
NOT TO SCALE



13 EQUIPMENT FOUNDATION DETAIL

NOT TO SCALE





14 MONUMENT SIGN FOUNDATION DETAIL

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CHECKED BY:	GWK

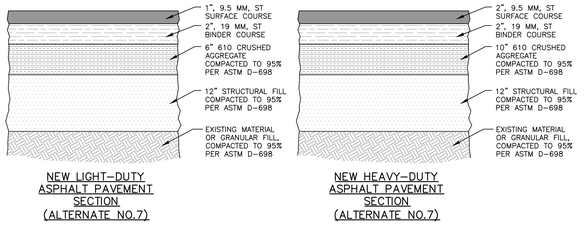
CIVIL SITE DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.25.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

C620

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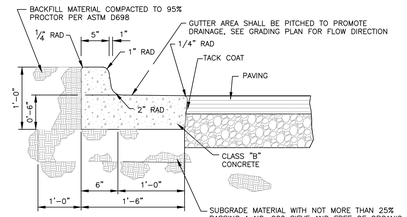


NEW LIGHT-DUTY ASPHALT PAVEMENT SECTION (ALTERNATE NO.7)

NEW HEAVY-DUTY ASPHALT PAVEMENT SECTION (ALTERNATE NO.7)

1 PAVEMENT SECTION DETAILS (ALTERNATE NO.7)

NOT TO SCALE

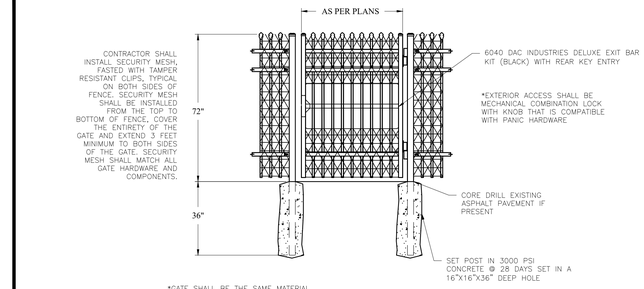


CURB & GUTTER NOTES

1. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R-08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
2. EXPANSION JOINTS SHALL BE LOCATED WHERE CURB ABUTS CONCRETE DRIVEWAYS, SIDEWALKS OR OTHER ADJACENT STRUCTURES.
3. EXPANSION JOINTS REQUIRED AT 40 FEET ON CENTER AND CONTRACTION JOINTS AT 10 FEET ON CENTER.
4. 1/2 INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
5. JOINTS SHALL BE PROVIDED WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
6. CONTRACTION JOINT TOOLED SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP. THE WIDTH OF THE TOOL SHOULD BE APPROXIMATELY 1/8 INCH FOR UNSEALED JOINTS AND 1/4 INCH FOR SEALED JOINTS.
7. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.
8. SCORED JOINTS SHALL BE 1/4" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
9. CONTRACTOR SHALL INSTALL CONSTRUCTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT.

2 COMBINATION CURB AND GUTTER (ALTERNATE NO.7)

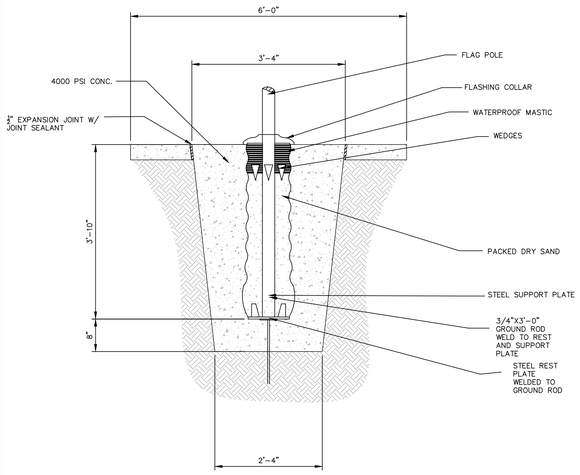
NOT TO SCALE



*GATE SHALL BE THE SAME MATERIAL AS SITE ORNAMENTAL FENCING

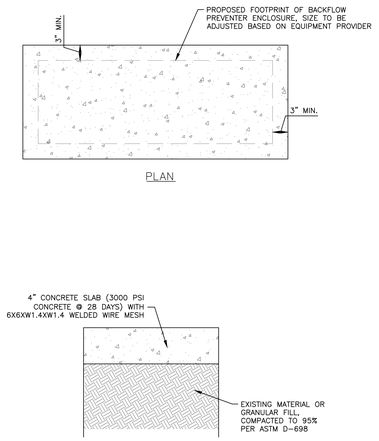
3 ORNAMENTAL SWING GATE (TYPICAL INSTALLATION)

NOT TO SCALE



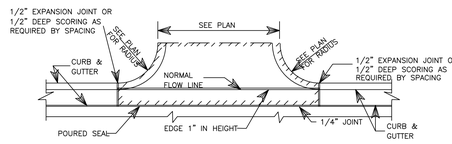
4 FLAG POLE BASE

NOT TO SCALE



5 BACKFLOW PREVENTER ENCLOSURE PAD DETAIL

NOT TO SCALE



NOTES:

1. PROVIDE EXPANSION JOINTS IN SIDEWALK AND CURB & GUTTER AT 30' INTERVALS.
2. SCORE JOINTS ARE TO BE PROVIDED IN SIDEWALKS, CURB. & GUTTER AND DRIVEWAYS.
3. ALL EXPANSION JOINT MATERIAL SHALL BE 1/2" PREFORMED JOINT FILLER.
4. SEE PLAN VIEW OR FIELD TO DETERMINE DRIVEWAY WIDTH.

6 CONCRETE APRON DETAIL

NOT TO SCALE

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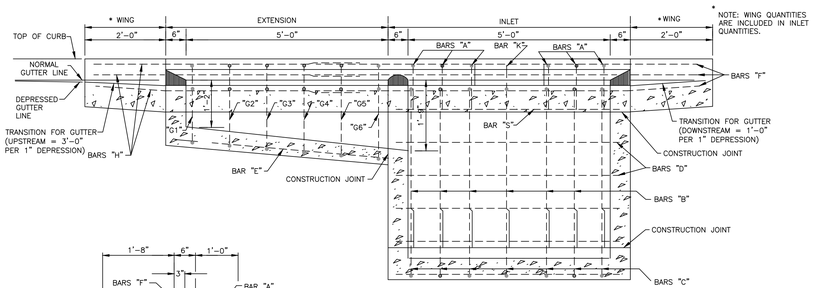
CIVIL SITE DETAILS

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DRAWN BY: JGP
CHECKED BY: GWK

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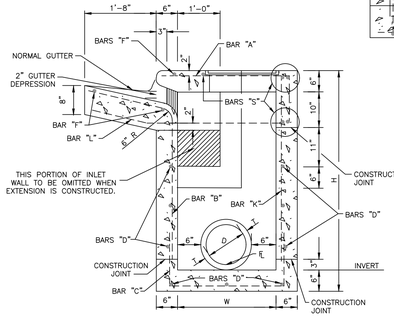
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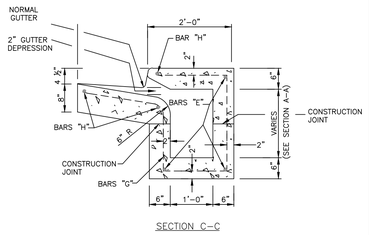


* NOTE: WING QUANTITIES ARE INCLUDED IN INLET QUANTITIES.

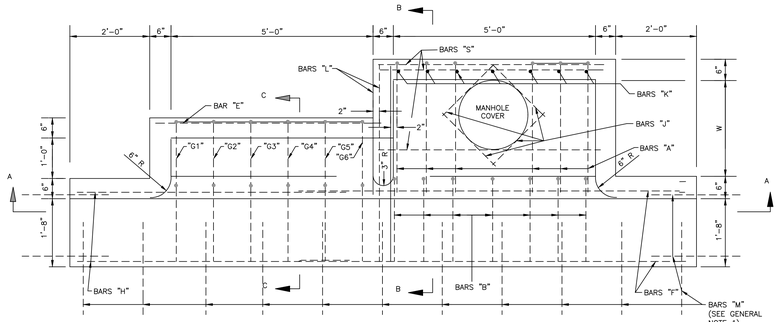
SECTION A–A



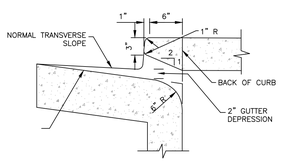
SECTION B–B



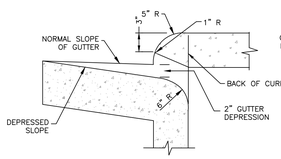
SECTION C–C



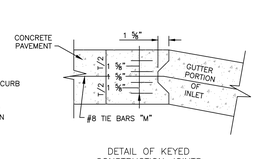
SS–2 INLET PLAN



THROAT DETAIL OF BARRIER CURB



THROAT DETAIL OF ROLLED CURB

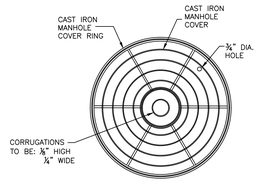


DETAIL OF KEYED CONSTRUCTION JOINTS

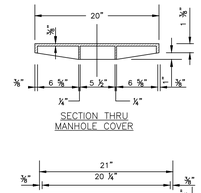
NOTE: FIELD BEND BARS "L" TO CENTER OF GUTTER SECTION

1 SS-2 INLET SECTIONS

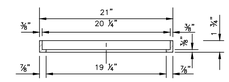
NOT TO SCALE



MANHOLE COVER PLAN



SECTION THRU MANHOLE COVER



SECTION THRU MANHOLE COVER RING

NOTE: WEIGHT OF RING & COVER = 79 lbs

SS–2 INLET NOTES:

1. WHERE INLET OR INLET WITH EXTENSION(S) IS USED WITH CONCRETE PAVEMENT WITH INTEGRAL CURB, THE PAVEMENT IS TO BE BLOCKED OUT TO THE DIMENSIONS AS SHOWN FOR THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S). THE PORTION BLOCKED OUT SHALL BE PLACED INTEGRAL WITH THE TOP OF THE INLET OR INLET WITH EXTENSION(S). #8 DEFORMED BARS 30" LONG (REFERRED ON THIS DRAWING AS "BARS M") SHALL BE PLACED ON 18" CENTERS AT THE CENTER OF THE PAVEMENT. GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S) 15". THE CONSTRUCTION JOINT BETWEEN THE CONCRETE PAVEMENT AND THE INLET OR INLET WITH EXTENSION(S) SHALL BE KEYED JOINT AS SHOWN. A SMOOTH CONSTRUCTION JOINT WILL NOT BE PERMITTED. QUANTITIES FOR BLOCKED OUT AREA OF PAVEMENT SHALL BE INCLUDED IN QUANTITIES FOR INLET OR INLET WITH EXTENSION(S).
2. THE QUANTITIES SHOWN, MINUS VOLUMETRIC DISPLACEMENT OF CONCRETE BY PIPE CULVERTS THROUGH INLET WALLS, WILL BE USED AS THE BASIS OF FINAL PAYMENT UNLESS THIS PLAN IS MODIFIED.
3. FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLE ARE INCREMENTS OF 6", BUT ANY DEPTHS OTHER THAN THESE SHOWN MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS, FALLING WITHIN THE LIMITS OF THE TABLE, MAY BE FOUND BY INTERPOLATION.
4. FIELD CUT AND BEND BARS AS NECESSARY TO ACCOMMODATE STORM SEWER. NO DEDUCTIONS ARE TO BE MADE IN STEEL QUANTITIES.

2 MANHOLE COVER FOR SS-2 INLET

NOT TO SCALE

W=2'–6" BILL OF REINFORCING STEEL FOR 1–5'–0" INLET

H	BAR "A" L = 4'–2" #4 @ 9"		BAR "C" L = 5'–8" #4 @ 9"		BAR "S" L = 5'–8" #4 @ 12"		BAR "D" L = 5'–8" #4 @ 12"±		BAR "F" L=9'–8" #6		BAR "J" L=2'–3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±			* TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	yd³
3'–6"	6	17	7	27	5	19	5	19	1	24.3	4	6	3'–10"	7	18	2'–7"	7	12	141.4	1.99
4'–0"	6	17	7	27	5	19	7	26	1	24.3	4	6	4'–4"	7	20	3'–1"	7	14	153.4	2.15
4'–6"	6	17	7	27	5	19	7	26	1	24.3	4	6	4'–10"	7	23	3'–7"	7	17	158.4	2.31
5'–0"	6	17	7	27	5	19	9	34	1	24.3	4	6	5'–4"	7	25	4'–1"	7	19	170.4	2.47
5'–6"	6	17	7	27	5	19	9	34	1	24.3	4	6	5'–10"	7	27	4'–7"	7	21	175.4	2.62
6'–0"	6	17	7	27	5	19	11	42	1	24.3	4	6	6'–4"	7	30	5'–1"	7	24	189.4	2.78
6'–6"	6	17	7	27	5	19	11	42	1	24.3	4	6	6'–10"	7	32	5'–7"	7	26	191.4	2.94
7'–0"	6	17	7	27	5	19	13	49	1	24.3	4	6	7'–4"	7	34	6'–1"	7	28	204.4	3.10
7'–6"	6	17	7	27	5	19	13	49	1	24.3	4	6	7'–10"	7	37	6'–7"	7	31	208.4	3.25

W=3'–0" BILL OF REINFORCING STEEL FOR 1–5'–0" INLET

H	BAR "A" L = 4'–8" #4 @ 9"		BAR "C" L = 6'–2" #4 @ 9"		BAR "S" L = 5'–8" #4 @ 12"		BAR "D" L = 5'–8" #4 @ 12"±		BAR "F" L=9'–8" #6		BAR "J" L=2'–3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±			* TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	yd³
3'–6"	6	19	7	29	5	19	5	19	1	24.3	4	6	3'–10"	7	18	2'–7"	7	12	145.4	2.15
4'–0"	6	19	7	29	5	19	7	26	1	24.3	4	6	4'–4"	7	20	3'–1"	7	14	157.4	2.32
4'–6"	6	19	7	29	5	19	7	26	1	24.3	4	6	4'–10"	7	23	3'–7"	7	17	162.4	2.49
5'–0"	6	19	7	29	5	19	9	34	1	24.3	4	6	5'–4"	7	25	4'–1"	7	19	174.4	2.65
5'–6"	6	19	7	29	5	19	9	34	1	24.3	4	6	5'–10"	7	27	4'–7"	7	21	179.4	2.82
6'–0"	6	19	7	29	5	19	11	42	1	24.3	4	6	6'–4"	7	30	5'–1"	7	24	191.4	2.99
6'–6"	6	19	7	29	5	19	11	42	1	24.3	4	6	6'–10"	7	32	5'–7"	7	26	196.4	3.15
7'–0"	6	19	7	29	5	19	13	49	1	24.3	4	6	7'–4"	7	34	6'–1"	7	28	208.4	3.32
7'–6"	6	19	7	29	5	19	13	49	1	24.3	4	6	7'–10"	7	37	6'–7"	7	31	213.4	3.49

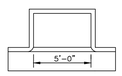
W=3'–6" BILL OF REINFORCING STEEL FOR 1–5'–0" INLET

H	BAR "A" L=5'–2" #4 @ 9"		BAR "C" L=6'–8" #4 @ 9"		BAR "S" L=5'–8" #4 @ 12"		BAR "D" L=5'–8" #4 @ 12"±		BAR "F" L=9'–8" #6		BAR "J" L=2'–3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±			* TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	yd³
3'–6"	6	21	7	31	5	19	6	23	1	24.3	4	6	3'–10"	7	18	2'–7"	7	12	153.4	2.31
4'–0"	6	21	7	31	5	19	8	30	1	24.3	4	6	4'–4"	7	20	3'–1"	7	14	165.4	2.49
4'–6"	6	21	7	31	5	19	8	30	1	24.3	4	6	4'–10"	7	23	3'–7"	7	17	170.4	2.66
5'–0"	6	21	7	31	5	19	10	38	1	24.3	4	6	5'–4"	7	25	4'–1"	7	19	182.4	2.84
5'–6"	6	21	7	31	5	19	10	38	1	24.3	4	6	5'–10"	7	27	4'–7"	7	21	187.4	3.01
6'–0"	6	21	7	31	5	19	12	45	1	24.3	4	6	6'–4"	7	30	5'–1"	7	24	199.4	3.19
6'–6"	6	21	7	31	5	19	12	45	1	24.3	4	6	6'–10"	7	32	5'–7"	7	26	204.4	3.37
7'–0"	6	21	7	31	5	19	14	53	1	24.3	4	6	7'–4"	7	34	6'–1"	7	28	216.4	3.54
7'–6"	6	21	7	31	5	19	14	53	1	24.3	4	6	7'–10"	7	37	6'–7"	7	31	221.4	3.72

* NOTE: WHERE INLET IS USED WITH CONCRETE PAVEMENT, ADD 73 lbs OF STEEL FOR BARS "M".

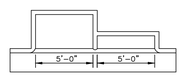
3 REINFORCING STEEL FOR SS-2 INLET

NOT TO SCALE



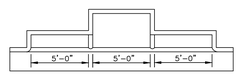
REGULAR INLET

5'–0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 121
CONC. = (WY + 5.5W + 6Y + 14.611)/27



INLET WITH ONE EXTENSION

10'–0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 231
CONC. = (WY + 5.5W + 6Y + 38.641)/27



INLET WITH TWO EXTENSIONS

15'–0" INLET
STEEL = 8.68W + 9.35Y +3.79W' + 7.57H' +341
CONC = (WY + 5.5W + 6Y + 62.671)/27

EXTENSION NOTES:
1. W AND H ARE EXPRESSED IN DECIMAL FEET.
2. W' = W ROUNDED TO NEAREST WHOLE FOOT.
3. Y = (H–0.5).
4. H' = (H – 2.08) ROUNDED TO NEAREST WHOLE FOOT.
5. NO DEDUCTIONS ARE MADE FOR PIPE OPENINGS IN FORMULAS.

4 PLAN OF INLET AND EXTENSIONS

NOT TO SCALE

QUANTITIES FOR ONE EXTENSION

BAR	SIZE	LENGTH	SPACING	NUMBER	WEIGHT
"E"	#4	5'–8"	AS SHOWN	3	11
"C"	#4	SEE SCHEDULE	0'–11"	6	34
"H"	#6	6'–9"	AS SHOWN	1	17
"L"	#6	4'–9"	AS SHOWN	2	14
TOTAL STEEL FOR ONE EXTENSION = 76 lbs					
TOTAL CONCRETE FOR ONE EXTENSION = 0.89 yd³					

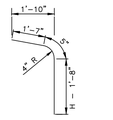
NOTE: WHERE EXTENSION IS USED WITH CONCRETE PAVEMENT, ADD 27 lbs OF STEEL FOR BARS "M".

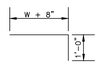
ADD. CONCRETE PER FOOT OF H	
W	yd³/ft
2'–6"	0.315
3'–0"	0.333
3'–6"	0.352
4'–0"	0.371
4'–6"	0.389
5'–0"	0.408
5'–6"	0.426
6'–0"	0.445
6'–6"	0.463
7'–0"	0.481

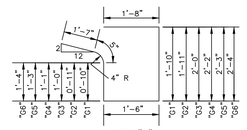
ADD. CONCRETE PER FOOT OF W	
H	yd³/ft
3'–6"	0.315
4'–0"	0.333
4'–6"	0.352
5'–0"	0.370
5'–6"	0.389
6'–0"	0.408
6'–6"	0.426
7'–0"	0.445
7'–6"	0.463
8'–0"	0.482
8'–6"	0.500

BAR "G" SCHEDULE

BAR "G"	LENGTH
"G1"	7'–10"
"G2"	8'–0"
"G3"	8'–2"
"G4"	8'–5"
"G5"	8'–8"
"G6"	8'–10"

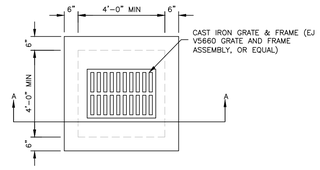




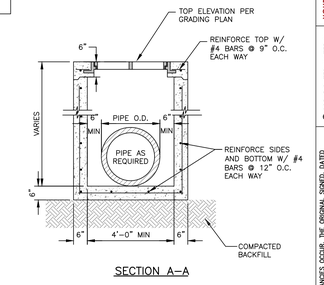


5 BAR DETAILS

NOT TO SCALE



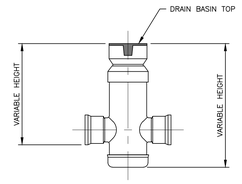
PLAN



SECTION A–A

6 DRAIN INLET DETAIL

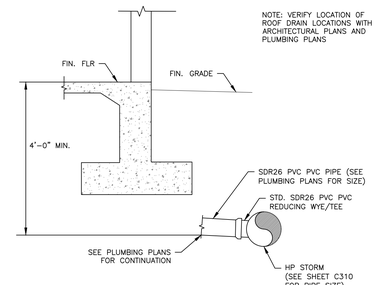
NOT TO SCALE



***DRAIN BASIN SHALL BE NYLOPLAST DRAIN BASIN OR EQUAL. DRAIN BASIN TOPS SHALL BE ROUND BEEHIVE PEDESTRIAN GRATE IN GREEN SPACE AND FLAT PEDESTRIAN GRATE IN ALL OTHER AREAS.

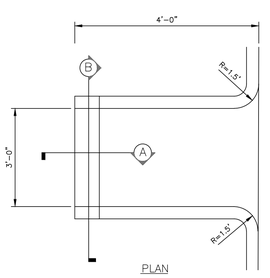
7 DRAIN BASIN DETAIL

NOT TO SCALE

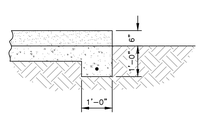


8 ROOF DRAIN DETAIL

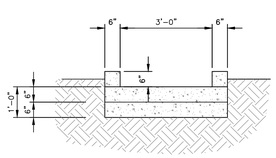
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PLAN



SECTION A



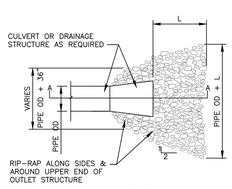
SECTION B

9 CONCRETE FLUME DETAIL

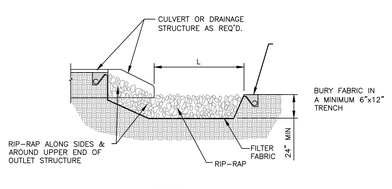
NOT TO SCALE

RIP-RAP DETAIL NOTES

1. RIP–RAP IS REQUIRED AT ALL FLARED END SECTION AND HEADWALLS LOCATIONS
2. GEOTEXTILE FILTER FABRIC IS REQUIRED BETWEEN THE RIP–RAP AND SUB–GRADE.
3. IN A WELL–DEFINED CHANNELS, EXTEND THE RIP–RAP APRON UP THE CHANNEL BANKS ABOVE THE TAILWATER ELEVATION.



PLAN



SECTION A–A

RIP–RAP LENGTH TABLE	
PIPE DIA.	L (FT)
15"	5'
18"	8'
24"	10'
30"	12'
36"	14'
42"	16'
48"	18'
60"	20'
72"	22'

10 TYPICAL RIP-RAP OUTFALL DETAIL

NOT TO SCALE

PRINTED: 4/16/2026 2:08 PM BY: Jason Polite LAST SAVED: 4/16/2026 2:07 PM BY: jpolite
m:\0315_city of slidell\0315.23.001_slidell police department\02-civil\03-production\03-production drawings\slidell pd site plan.dwg

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4-7-26
PROFESSIONAL ENGINEER

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SITE GRADING AND DRAINAGE DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.25.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JGP
CHECKED BY: GWK

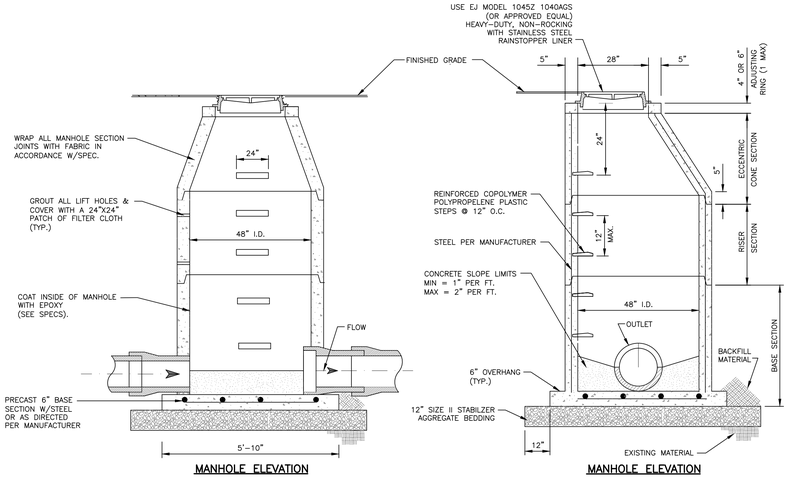
C630

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEER(S) PLANS IN THE EVENT OF ANY DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS SHALL GOVERN. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.

SANITARY SEWER DETAIL NOTES

1. REFER TO OTHER DETAILS FOR DROP SEWER MANHOLES, MANHOLE CASTINGS, MANHOLE ADJUSTING RINGS, AND ROAD REPAIR DETAILS.
2. BEDDING MATERIAL, BACKFILL MATERIAL, AND EXISTING GRANULAR MATERIAL SHALL BE COMPACTED TO 95% PROCTER PER ASTM D1557.
3. BEDDING MATERIAL SHALL BE 6" THICK, BUT SHALL BE DEEPER IF DIRECTED BY THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
4. EPOXY COATING SHALL BE EITHER COAL TAR EPOXY OR 100% SOLID EPOXY IN ACCORDANCE WITH THE SPECIFICATIONS.
5. IN PAVED AND NON-PAVED AREAS, MANHOLES SHALL BE FLUSH WITH THE FINISHED GRADE UNLESS INDICATED OR DIRECTED OTHERWISE THAT THE TOP OF MANHOLE SHALL BE ABOVE FINISHED GRADE.



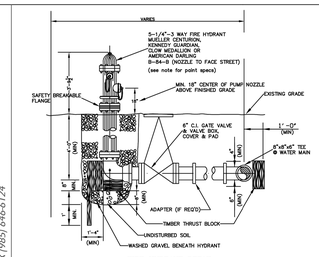
1 PRECAST SANITARY SEWER MANHOLE DETAILS

NOT TO SCALE

City of Slidell Engineering Department

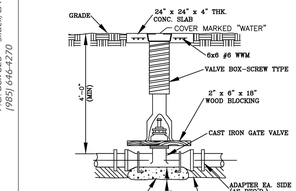
Blaine A. Clancy, P.E., City Engineer
250 Bouscaren Street, Suite 302
FAX (985) 646-6124

Randy Fandal– Mayor
P.O. Box 828 Slidell, LA 70459
(985) 646-4270



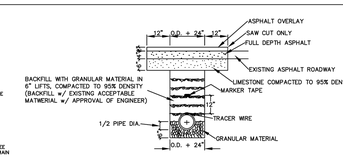
FIRE HYDRANT DETAIL

NOTES:
HYDRANT PAINT SHALL BE FACTORY APPLIED.
(FIELD APPLIED PAINT SHALL NOT BE APPROVED)
PAINT COLOR SHALL BE:
1. KENNEDY HYDRANTS: KENNEDY SAFETY YELLOW NUMBER 05
2. MUELLER HYDRANTS: SAFETY YELLOW, F63KY9650, MAD150, PAINT CODE (W7)
3. CLOW MEDALLION: SAFETY YELLOW
4. AMERICAN DARLING HYDRANTS: DUPONT SAFETY YELLOW 1663E



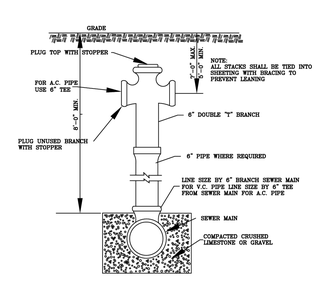
TYPICAL VALVE BOX DETAIL

NTS



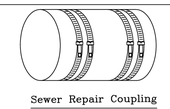
TYPICAL ASPHALT ROADWAY SAW CUT SECTION FOR WATER OR SEWER LINES

NTS



DETAIL OF RISER

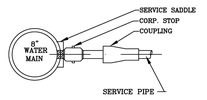
NTS



Sewer Repair Coupling

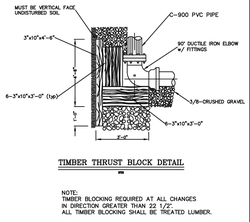
NTS

NOTE: STAINLESS STEEL SHEAR RING IN 6", 8", 10" AND 12" SIZES REQ'D.



DETAIL OF SERVICE CONNECTION FOR TAPS TO MAINS

NTS



TIMBER THRUST BLOCK DETAIL

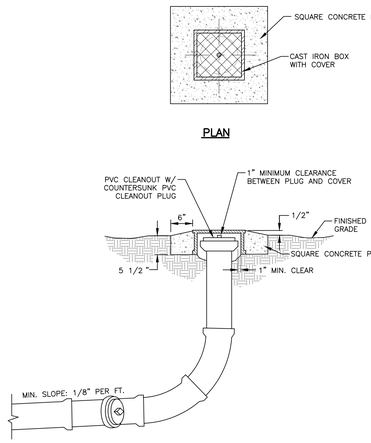
NTS

NOTE:
TIMBER BLOCKING REQUIRED AT ALL CHANGES IN DIRECTION GREATER THAN 22 1/2°.
ALL TIMBER BLOCKING SHALL BE TREATED LUMBER.

WATER DETAILS			
CITY OF SLIDELL ENGINEERING DEPT.			
Annual Maintenance Contract FY' 2027			
DRAWN BY: JMC	FILE No: 950-411	SHT 12	
Approved By: BAC	DATE: 3/23/2026		

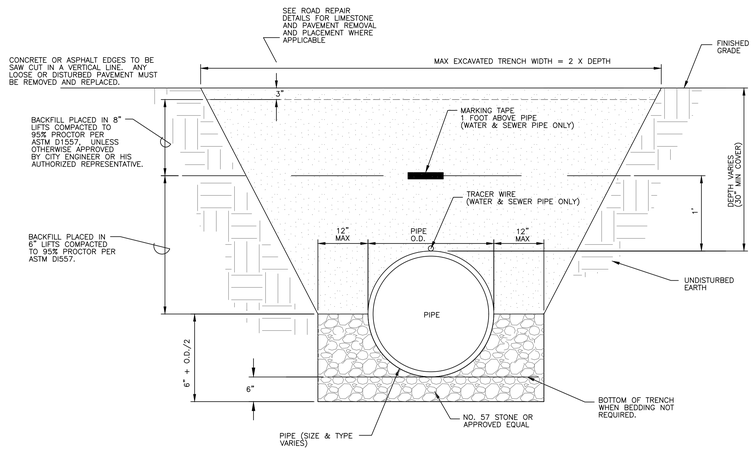
2 CITY OF SLIDELL STANDARD WATER DETAILS

NOT TO SCALE



3 SEWER CLEAN OUT DETAIL

NOT TO SCALE



GENERAL NOTES

1. PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL EARTHWORK SECTION AND ANY OTHER SECTION THAT MAY APPLY OR AS DIRECTED BY THE ENGINEER OF RECORD. TYPE AND LOCATION OF BEDDING SHALL BE DETERMINED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. BEDDING FOR ARCH PIPE SHALL COVER THE HAUNCHES.
2. BACKFILL MATERIAL SHALL BE PLACED ON BOTH SIDES OF PIPE SIMULTANEOUSLY DURING BACKFILLING OPERATIONS TO PREVENT SHIFTING OR DAMAGE TO PIPE.
3. "MAXIMUM EXCAVATED TRENCH WIDTH" REFERS TO THE MAXIMUM WIDTH THAT WILL BE USED FOR COMPUTATION OF APPLICABLE PAY ITEMS FOR BORROW FOR BACKFILL, LIMESTONE, AND PAVING. PIPE BEDDING SHALL BE PAID BASED ON A WIDTH OF TWO FEET PLUS THE OUTSIDE DIAMETER FOR THE PIPE (O.D. OF PIPE + 2 FEET) AS SHOWN ON THE DETAIL. THE CONTRACTOR MAY EXCAVATE A WIDER TRENCH AT HIS OWN EXPENSE AS LONG AS TRENCH REMAINS WITHIN THE PROJECT LIMITS, PROPERTY OR EASEMENT AND THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE APPROVES THE DIMENSIONS OF THE WIDER TRENCH.
4. IN THE CASE OF OVERLAPPING UTILITY TRENCHES, THE CONTRACTOR SHALL ONLY BE PAID ONCE FOR ITEMS SUCH AS LIMESTONE AND PAVING. ADDITIONALLY ANY MARKING TAPE ABOVE SEWER PIPE THAT IS DISTURBED OR DAMAGED BY OVERLAPPING TRENCHES SHALL BE PROPERLY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. INSTALLATION AND COVER REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
6. TOP OF PIPE SHALL BE BELOW ROAD BASE IN PAVED AREAS. IF EXISTING MATERIAL IS USED FOR BACKFILL, THERE SHALL BE NO ADDITIONAL PAYMENT FOR EXCAVATION AND BACKFILL. IF EXISTING MATERIAL IS UNSUITABLE FOR BACKFILL, BORROW MATERIAL SHALL BE USED. DISPOSAL OF UNSUITABLE MATERIAL SHALL BE PAID FOR AT THE UNIT PRICE BID FOR EXCESS EXCAVATION. APPROVED PLACEMENT OF BORROW SHALL BE PAID FOR AT THE UNIT PRICE BID FOR BORROW MATERIAL.

STORM DRAIN PIPE PLACEMENT NOTES

1. STORM DRAIN PIPE SHALL BE CONCRETE, RIBBED PVC OR HIGH DENSITY POLYETHYLENE IN ACCORDANCE WITH THE SPECIFICATIONS OR AS SHOWN ON THE PLANS. LOCATION FOR INSTALLATION OF TYPE OF PIPE SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ONLY CONCRETE STORM DRAIN PIPE SHALL BE INSTALLED UNDER PAVED AREAS UNLESS SHOWN DIFFERENTLY ON THE CONSTRUCTION PLANS.
2. ALL STORM DRAIN JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. FABRIC SHALL BE THREE (3') FEET WIDE (CENTERED OVER JOINT) AND LONG ENOUGH TO WRAP AROUND THE PIPE JOINT AND OVERLAP 1/3 THE CIRCUMFERENCE. THE COST OF FABRIC SHALL BE ABSORBED IN THE UNIT PRICE BID FOR STORM DRAIN PIPE AND SHALL NOT BE MEASURED FOR SEPARATE PAYMENT.
3. REFER TO OTHER DETAILS FOR DRAINAGE STRUCTURES, CONCRETE PIPE REPAIR METHODS, PIPE END TREATMENTS, & GRATES.

4 TRENCH DETAIL FOR SANITARY SEWER AND NON-PERFORATED STORM DRAIN PIPE

NOT TO SCALE

MP DESIGN GROUP
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Biloxi, Mississippi 39530
P: 228.388.1950
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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: JGP
CHECKED BY: GWK

SITE UTILITY DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

C640

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PRINTED: 4/16/2026 2:08 PM BY: Jason Poitte LAST SAVED: 4/16/2026 2:07 PM BY: jpoitte
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GENERAL NOTES

In case of conflict between the General Notes below and the Specifications, the more rigid requirement shall govern unless amended in writing by the Structural Engineer of Record.

DESIGN DATA

1. Design Codes - (All latest editions unless noted otherwise.)
   - International Building Codes (IBC 2021)
   - American Society of Civil Engineers: Minimum Design Loads for Buildings and Other Structures (ASCE 7)
   - American Concrete Institute: Building Code Requirements for Structural Concrete (ACI-318)
   - American Institute of Steel Construction: Specifications for Structural Steel Buildings (AISC-360) and Seismic Provisions for Structural Steel Buildings (AISC-341)
   - American Welding Society (AWS)
   - Steel Deck Institute (SDI)
   - Steel Joist Institute (SJI): Code of Standard Practice for Steel Joists and Joist Girders
   - American Iron and Steel Institute Specifications for the Design of Cold Formed Steel Structural Members (AISI)
   - The Masonry Society: Building Code Requirements and Specifications for Masonry Structures (TMS 402/602)
   - National Design Specification for Wood Construction (ANSI/AF&PA NDS)
2. Design Loads (IBC & ASCE7)
   - Dead Load Design Data

Structure	Self Weight
Roof	30 psf
Floor	75 psf
Exterior CMU Wall	75 psf of wall area

   - Live Load Design Data

Floor Distributed	
Office	50 psf
Stairs	100 psf
Lobby (1st Floor)	100 psf
Corridors (Upper Floors)	80 psf
Floor Concentrated	
Office	2000 lbs
Partition Load	15 psf of wall area
Slab-On-Grade	Theoretical volume x 150 pcf

   - Live Roof Load Design Data

Roof	20 psf

   - Wind Design Data

Risk Category	IV
Velocity	160 mph
Wind Exposure Category	C
Internal Pressure Coefficient, GC_{pi}	0.18 ±

   - Snow Design Data

Importance Factor for Snow, I_s	1.2
Ground Snow Load, P_g	5 psf
Exposure Coefficient C_e	1.0
Thermal Factor C_t	0.9
Roof Slope Factor, C_s	1.0
Flat Roof Snow Load P_f	5 psf

   - Seismic Criteria

Risk Category	C
Seismic Importance Factor, I_E	1.5
Site Soil Class	D
Mapped Spectral Response Coefficients	S_s = 0.090 / S_1 = 0.057 S_{ds} = 0.096 / S_{d1} = 0.091
Seismic Design Category	C
Basic Seismic Force Resisting System	Specifically Reinforced Masonry Shear Walls
Design Base Shear	0.029W
Seismic Response Coefficient, C_s	0.029
Response Modifications Factor, R	5.0
Analysis Procedure	Equivalent Lateral Force

   - Flood Design Data

Flood Design Class	4
Flood Zone	X

   - Rain Desing Data

15-Minute Intensity	9.01 in/hr
60-Minute Intensity	5.24 in/hr

   - Deflection and Drift Limitations

Roof/Floor Members	L/360
Building Drift	H/400
Max Wall Deflection	L/600
Story Drift (Seismic)	0.025 h_{sx}

GENERAL INFORMATION

1. All columns shall be centered on grid lines unless noted otherwise.
2. All column footings shall be centered on columns unless noted otherwise.
3. All wall footings shall be centered on walls unless noted otherwise.
4. Unless otherwise noted or detailed, concrete pads for mechanical equipment shall be 4" thick (minimum) and reinforced with #3 @ 12" O.C. each way centered.
5. Substitution of expansion anchors for embedded anchors shall not be permitted without prior, written approval from the engineer of record.
6. Weights of mechanical equipment shown on the structural plans are for units specified by the Mechanical Engineer. Contractor shall verify weight and any substitutions that result in increased weight shall be approved by the Structural Engineer.
7. Backfill both sides of all foundation and retaining walls equally until low side is up to finish grade. Do not backfill any walls until concrete has reached its specified 28-day compressive strength.
8. Permanent stability of the building and components is not provided until the erection is completed as shown on the contract drawings. Per AISC Latest Edition Code of Standard Practice, "Temporary supports, such as temporary guys, braces, framework, cribbing or other elements required for the erection operation will be determined, furnished and installed by the erector."
9. The contractor shall insure that no construction load exceeds the design live loads indicated on the structural drawings and that these loads are not put on the structural members prior to the time that all framing members and their connections are in place.
10. The contractor shall be responsible for verifying all existing conditions. The contractor shall be responsible for coordinating architectural, structural, mechanical, and electrical details and dimensions. Any discrepancies between such details and dimensions shall be reported to the EOR prior to proceeding with the work.
11. The contractor shall be responsible for erection procedure and sequence to insure the integrity of the building and it's component parts during construction.

SUBMITTALS

1. Review of shop drawings and other submittals by the Structural Engineer does not relieve the Contractor of the responsibility to review and check shop drawings before submitting to the Structural Engineer. The contractor remains solely responsible for errors and omissions associated with the preparation of shop drawings as they pertain to member sizes, details, and dimensions specified in the Contract Documents. All shop drawings must be stamped by the Contractor prior to submittal.
2. Shop Drawings: The Contractor shall submit for Structural Engineer review shop drawings for the following items. Items marked (*) shall have shop drawings sealed by a Professional Engineer registered in the state in which the project is located. Items marker (#) shall be submitted for Structural Engineer's record only.
   - A. Structural Steel Joist
   - B. Steel Stairs (*)
   - C. Steel Deck
   - D. Concrete Mix Designs
   - E. Cold-Formed Metal Framing (*)
   - F. CMU Reinforcing Steel
   - G. Concrete Reinforcing Steel
   - H. Pre-Engineered Metal Building
3. Design Calculations: The Contractor shall submit for Structural Engineer's record, design calculations sealed by a Professional Engineer registered in the state in which the project is located for the following items.
   - A. Structural Steel Connections
   - B. Steel Stairs
   - C. Steel Joist (see steel joist section of General Notes)
   - D. Cold-Formed Metal Framing
   - E. Pre-Engineered Metal Building

FOUNDATIONS

1. All soil preparation shall be in accordance with the recommendations given in the referenced Geotechnical Report.
   - Prepared By: Stratum Engineering, LLC
   - Report Title: Geotechnical Engineering Report Proposed New Police Headquarters Slidell, Louisiana
   - Report Date: May 27, 2025
   - Report Number: G25-039
2. Design Soil Bearing Pressures
   - Footings on natural soils or compacted structural fill are designed for a minimum soil bearing pressure of 2,500 psf.
   - If the soil at the footing bearing elevations shown is of questionable bearing value, the Engineer or Architect shall be notified immediately.
3. Strip area of all gravel, surface vegetation, topsoil, and any debris. Remove all existing structures, foundations, and below grade site features. After stripping and making required cuts, exposed subgrade should be compacted. Over excavated and stabilize any soft or unstable areas discovered by proof rolling.
4. All foundation bearing surfaces shall be reviewed by the Geotechnical Engineer prior to placing concrete to ensure their compliance with the bearing pressures and subgrade requirements noted. All foundation bearing elevations are estimated and may be adjusted in the field by the geotechnical engineer as required.
5. If the soil at the bearing elevations shown is of questionable bearing value, the Structural Engineer of Record or Architect shall be notified immediately.
6. Where fill material is required over in-situ subgrade, scarify subgrade to a minimum depth of 9" and adjust moisture content to equal optimum moisture content. Compact scarified subgrade using the same requirements listed below for compacted structural fill
7. All fill material under structural shall comply with requirements stated in Geotechnical Report unless specifically noted otherwise. As a minimum, all fill material under structure shall be sandy clay or clayey sand exhibiting a liquid limit less than 35. Fill material shall be placed in loose lifts not to exceed 8" and compacted to a density of not less than 95% of Modified Proctor Maximum Dry Density (ASTM D-1557) at or slightly wet of optimum moisture content. In place moisture and density of each lift shall be determined by in-situ field tests prior to placing additional fill.
8. After footing excavations are completed and before placing concrete, the excavated areas shall be inspected and approved by the Owner's selected independent testing laboratory.
9. Provide a minimum or a 4" clean free draining granular sub-base fill below all interior slabs-on-grade unless noted or detailed otherwise. Sub-base shall meet gradation requirements of ASTM C-33 size No. 67 unless specifically noted otherwise.
10. A polyethylene film vapor barrier meeting the requirements in the specifications, shall be placed below all interior slabs on grade, see Architectural.

CAST-IN-PLACE CONCRETE

1. Structural Concrete

Cast-In-Place Concrete	
Concrete Reinforcing - Bar (Typical)	ASTM A615, GR 60
Concrete Reinforcing - Bar (Weldable)	ASTM A706, GR 60
Concrete Reinforcing - Welded Wire Fabric	ASTM A185, (Plain) ASTM A497, (Deformed)
Cement	ASTM C150
Aggregate	ASTM C33, ASTM C330

   Concrete Mix Criteria

Class Use	Category F	S	W	C	f'c, PSI	WT, PCF	AGG, IN	AE, %
I. FTG/FDN/PC	0	1	1	1	4000	145	¾"	NA
II. Interior Slab	0	1	1	1	4000	145	¾"	NA
III. Exterior Slab	1	1	1	2	4000	145	¾"	5 ±1
IV. All Other	0	1	1	1	4000	145	¾"	NA

   - A concrete mix design for every mix design noted in the Contract Documents shall be submitted for each class in accordance with the procedure outlined in ACI 301, Standard Specification For Structural Concrete. Documentation submitted in the mix design shall include: mix design recipe, cementitious material data sheets, aggregate gradation, cylinder brake data, and admixture data sheets.
   - On the use of admixtures and limits on the water/cementitious materials ratio for durability, reference the project manual/specifications, ACI 318, and IBC requirements for structural concrete.
2. Arrangement and bending of reinforcing steel shall be in accordance with ACI Detailing Manual, latest edition.
3. Reinforcing steel shall be new and all bars shall be deformed.
4. Contractor shall provide reinforcing shop drawings which adequately depict the reinforcing bar sizes and placement. Written description of reinforcement without adequate sections, elevations and details is not acceptable.
5. Unless noted otherwise, bar laps shall be Class B tension laps and shall be lapped with minimum lengths as shown in tables below, where splices are required in reinforcing. Shorter laps may be acceptable if specific locations of alternate laps are shown on the reinforcement placement drawings and calculations are submitted by a Registered Professional Engineer, licensed to practice in the state in which the project is located, justifying the alternate lap lengths.
6. Provide suitable wire spacers, chairs, ties, ect. for supporting reinforcing steel in the proper position while placing concrete. Do not "wet stick" dowels.
7. Minimum lap and embedment of Welded Wire Fabric (WWF) to be one cross wire spacing plus 2".
8. Before placing concrete, clean reinforcement for foreign particles or coatings. Place, support, and secure reinforcement against displacement. For cast-in-place concrete, provide cover as shown below, unless noted otherwise on drawings, and as specified in ACI 318, building code requirements for structural concrete.

Application/condition	Required cover, Inches
Cast against and permanently exposed to earth	3"
Exposed to earth or weather:	
No.6 through No.19 bars	2"
No.5 bar, W31 or D31 wire, and smaller	1 1/2"
Not exposed to weather or in contact with ground:	
Slab, walls, joists:	
No. 14 and No. 18 bars	1 1/2"
No. 11 bar and smaller	3/4"
Beam, columns:	
Primary reinforcements, ties, stirrups, spirals	1 1/2"
Shells, folded plate members:	
No.6 bar and larger	3/4"
No.5 bar, W31 or D31 wire, and smaller	1/2"

9. Locations and sizes of openings, sleeves, ect. required for other trades must be verified by these trades before placing concrete.
10. All slots, sleeves, trenches, and other embedded items shall be set and secured against movement before the concrete is placed. See Architectural, Electrical, Mechanical, Plumbing, and Vendor drawings for sizes and locations. Coordinate locations, spacing, and sizes with the Structural Engineer of Record prior to pouring concrete.
11. Conduits and pipes embedded in concrete slabs may be no larger than ⅓ of the slab thickness (based on the maximum outside diameter) and shall have a center-to-center spacing no less than three (3) conduit diameters. Regardless of diameter, the minimum clear spacing between conduits or reinforcing shall be one (1) inch.
12. No more than four conduits may be placed adjacent to each other without prior approval in writing from the Structural Engineer of Record.
13. No aluminum conduits, devices, or fixtures may be embedded into the concrete so that the aluminum is in direct contact with the concrete.
14. For slabs-on-grade, provide saw-cut control joints see the foundation plan and typical details for control joint layout and details.
15. Saw-cuts shall be made as soon as the concrete can support the saw without damaging the surface (eight (8) hours max from the start of the concrete pour).
16. Reinforcing steel shown in sections and detail are a schematic indication that reinforcing exists. See schedules, section notes and General Notes for actual reinforcing required.
17. Pedestal, Column and Wall Vertical Reinforcing: Dowel to foundation with hooked bars of same size and spacing as vertical reinforcing.
18. Submit written reports of each proposed mix design for class of concrete with concrete cylinder test results at least 15 days prior to start of work.
19. All concrete that will be exposed to the weather shall have air entrainment.
20. All structural concrete exposed to view to be smooth formed finished with ¾" chamfers at all exposed edges.

ACI lap splice length (Inches)

Bar Size	F'C = 3000 PSI				F'C = 3500 PSI				F'C = 4000 PSI			
	Top Bars		Other Bars		Top Bars		Other Bars		Top Bars		Other Bars	
	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2
#3	28	42	22	32	26	39	21	30	24	36	19	28
#4	37	56	29	43	35	52	27	40	32	48	25	37
#5	47	70	36	54	44	65	34	51	40	60	31	47
#6	56	84	43	64	52	78	40	60	48	72	37	56
#7	81	122	63	19	76	114	59	88	70	106	54	81
#8	93	139	72	107	87	130	67	100	80	121	32	93
#9	105	157	81	121	89	147	76	113	91	136	70	105
#10	118	177	91	136	110	165	85	127	102	153	79	118
#11	131	196	101	151	122	183	94	141	113	170	87	131

ACI lap splice length (Inches)

Bar Size	F'C = 4500 PSI				F'C = 5000 PSI				F'C = 5500 PSI			
	Top Bars		Other Bars		Top Bars		Other Bars		Top Bars		Other Bars	
	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2
#3	23	35	18	27	22	33	17	25	20	30	16	23
#4	31	46	24	35	29	43	22	33	26	40	20	31
#5	38	57	30	45	36	54	28	42	33	49	25	38
#6	46	69	35	53	43	64	33	50	40	59	31	46
#7	67	100	52	77	63	94	49	73	58	86	44	66
#8	76	115	59	88	72	108	55	83	66	89	51	76
#9	86	129	67	100	81	122	63	94	74	111	57	85
#10	97	145	75	112	91	137	70	105	83	125	64	96
#11	107	161	83	124	101	152	78	117	93	139	71	107

NOTES:
1. Tabulated values are based on grade 60 bars and normal weight concrete.
2. Cases 1 and 2, which depend on the type of structural element, concrete cover, and the center-to-center spacing of the bars, are defined as:

Beams or columns :
Case 1: Cover at lease 1.0 db and C.C. spacing of at least 2.0 db.
Case 2: Cover less than 1.0 db and C.C. spacing less than 2.0 db.

All others :
Case 1: Cover at lease 1.0 db and C.C. spacing of at least 3.0 db.
Case 2: Cover less than 1.0 db and C.C. spacing less than 3.0 db.

3. Top bars are horizontal beam and slab bars with more than 12" of concrete below the bars.
4. For lightweight aggregate concrete, multiply the tabulated values by 1.3.
5. For epoxy-coated bars, multiply the tabulated values by one of the following factors:

Concrete cover and spacing	Top bars	Other bars Cover
Cover < 3.0 DB or C.C. spacing < 7.0 DB	1.7/1.3 = 1.31	1.50
Cover > 3.0 DB or C.C. spacing > 7.0 DB	1.20	1.20

6. Bar development length = lap spliced length/ 1.3.
7. Wire mesh lap:
   Lap all wire mesh cross wires one cross wire spacing plus 2", typical.

MASONRY

1. Structural Masonry

Design Compressive Strength (f'm = 2000 PSI)	
Concrete Masonry Units NORMAL WT or LIGHT WT Block Contractors Option	ASTMC90
Reinforcing Steel (U/NO)	
Bar Reinforcing (Typical)	ASTM A615, GR60
Bar Reinforcing (Weldable)	ASTM A706, GR60
Joint Reinforcement	ASTM A951
Grout (f'c = 3000 PSI, Self Consolidating)	ASTM C476 and ASTM C109
Mortar, Type S	

2. For product material specifications, reference the structural notes, material & component design criteria and the project specification.
3. Submit documentation demonstrating compliance with the specified strength of masonry, F'm, in accordance with the (prism test method or the unit strength method) as outlined in the TMS 402/602-16, Building Code Requirements for Masonry Structures, and the applicable building code. Submit product and test data as specified for level 1 quality assurance. This shall include verification of F'm both prior to construction and during as well as verification of materials and proportions for concrete masonry units, mortar and grout construction for every 5000 square feet of masonry placed.
4. Submit reinforcing shop drawings showing placement of all reinforcement and embedments and the reinforcing fabrication dimensions and details.
5. Place concrete units such that the vertical cells to be grouted are aligned and provided unobstructed openings for grout placement. Face shells of bed joints shall be fully mortared. webs shall be fully mortared in all courses of piers, columns and pilasters, in the starting course on foundations, when necessary to confine grout or loose-fill insulation and when otherwise noted. Head joints are to be mortared a minimum distance from each face equal to the face shell thickness of the unit. Unless otherwise required, solidly fill collar joints less than 3/4" wide with mortar as the work progresses.
6. Place reinforcement and embedments in accordance with the drawings. Maintain a clear distance between the reinforcing bars and any face of masonry unit or formed surface of not less than 1/2" unless noted otherwise. Where reinforcing bar are spliced, provide a minimum lap as shown in chart below or a mechanical splice that provides 125% of the bar capacity. Tolerances for placement of reinforcing bars shall be +/- 1/2 inch perpendicular to the face of the masonry unit and within 2-inches along the length of the wall unless note otherwise. Reinforcement shall be tied in place or otherwise supported to prevent displacement during grouting.
7. Place grout within 1 1/2 hours from introducing water in the mixture and prior to initial set. Grout pour height shall conform to the requirements as outlined in TMS 402/602-16, Specification for Masonry Structures, for grout type and grout space dimensions. In no case shall grout lift exceed 4 feet in height. Consolidate pours by mechanical vibration and reconsolidate by mechanical vibration after initial water loss and settlement has occurred.
8. Provide #9 ladder type joint reinforcement in every bed joint (8-inch on center) for stack bond and every other joint (16-inch on center) for running bond masonry placement. Place such that longitudinal wires overlap 6-inches and are embedded in mortar with a minimum cover of 5/8".
9. As a minimum, control joints in masonry walls shall be provided within 4-feet of corners, at each change of wall height or thickness and at a maximum spacing of 25-feet unless noted otherwise on drawings.
10. Structural masonry shall be reinforced a specified on the drawings. All cells containing reinforcing shall be fully grouted. Provide dowels from the foundation to match the vertical reinforcing.
11. At beam bearing locations, reinforce each cell below the bearing plate with typical vertical reinforcing to the top of the footing unless noted otherwise.
12. When the ambient temperature falls below 40F or the temperature of the masonry units is below 40F., comply with the provisions of TMS 602, Section 1.8C, Specification for Masonry Structures, for cold weather construction.
13. When the ambient temperature exceeds 90F, comply with the provisions of TMS 602, Section 1.8D, Specification for Masonry Structures, for hot weather construction.
14. Brick Ties: (for stud back up)
    There shall be a minimum of one brick tie for every 2.67 sq. ft. of wall area. These shall be spaced at a maximum of 18-inches on center. Ties shall be of a minimum 9 GA. corrosion resistant wire and shall be of an adjustable type such as DUR-O-WALL adjustable D/A 213 or equal. Corrugated galvanized sheet ties are not acceptable. All ties must be attached through the sheathing to the studs per manufacturer's recommendations.
14. Brick Ties: (for masonry backup)
    There shall be a minimum of one brick tie for every 2.67 sq. ft. of wall area. These shall be spaced at a maximum of 18-inches vertical. Ties shall be a minimum of 3/16" diameter corrosion resistant wire. Corrugated galvanized sheet ties are not acceptable.

Masonry Lap Splice Lengths
Reinforcement Centered
1 Bar Per Core

BAR SIZE	MINIMUM LAP SPICE LENGTH (INCHES)			
	6" CMU	8" CMU	10" CMU	12" CMU
#3	12	12	12	12
#4	20	15	12	12
#5	32	23	18	15
#6	54	43	34	28
#7	N/P	60	46	38
#8	N/P	72	71	57
#9	N/P	N/P	82	74

Note:
N/P = Not Permitted

STRUCTURAL STEEL

1. Structural Steel

Wide Flange	ASTM A992 or ASTM A572
Channels, Angles and Plates	ASTM A36 or ASTM A572
Non-Shrink Grout Under Plates (f'c=8000 PSI)	ASTM C1107, GR A
Rect. Hollow Structural Sections HSS, (Fy = 50 KSI)	ASTM A500, GR C
Round. Hollow Structural Sections HSS, (Fy = 46 KSI)	ASTM A500, GR C
Pipe, (Fy = 35 KSI)	ASTM A53, GR B
Bolts and Fasteners (UNO)	ASTM A325
Structural/Anchor Rods	ASTM F1554, Grade 55 (Weldable)
Headed Shear Studs	ASTM A108, AWS D1.1, Type B

2. Steel frames are non-self-supporting and column anchor rods are designed for a completed condition only. Metal roof deck, beam-to-column moment connections, portal frames, and diagonal braces are required to provide lateral stability for the frame and building. This includes resistance to wind and seismic forces during and after construction. The Contractor shall provide all temporary bracing required to maintain stability until the lateral force resisting system for the building is complete.
3. The General Contractor shall be responsible for including the costs for all miscellaneous steel in their bid regardless of whether or not those items are indicated on the structural drawings. These costs shall include, but are not limited to, miscellaneous steel items shown on Architectural, Civil, Mechanical, Plumbing, and Electrical drawings.
4. Steel erector shall provide the necessary bracing during erection and until all steel is plumb and secure.
5. Bearing ends of all columns shall be square cut.
6. Steel to steel connections shall be designed as follows:
   - A. The fabricator shall be responsible for the design of all connections that are designed by the EOR and fully detailed on the contract documents. Shop drawings depicting the configurations and fabrication details, along with calculations (as noted in the submittals notes section) shall be submitted to the EOR for review and approval.
   - B. All connection details shown in the typical details are considered conceptual unless completely detailed. The fabricator can use alternate connection configurations with prior approval by the EOR.
   - C. Required reactions for connection design are shown on plan, in elevations, or in typical details. Loads provided are in **Allowable Stress Design (ASD)** and shall be designed using ASD design procedures.
   - D. Where connections are subjected to eccentricity, the eccentricity shall be taken into account when designing the connection.
   - E. Axial loads and moments should be considered to be reversible and act concurrently with noted shear loads.
7. Unless detailed otherwise, all shop connections shall be welded. Unless detailed otherwise, all field connections shall be made using 3/4"ø, and 1"ø where indicated, ASTM A325-N (or ASTM F1852) high strength bolts ('N' indicates bearing type with threads included in shear plane). Washers shall be installed under nuts of fasteners when required by the specifications of structural joints.
8. Where field and shop welds are indicated on the drawings, they shall be the size and type noted. All welding of structural steel shall be done in accordance with the latest edition of AWS D1.1 corresponding to the AISC specification used and all welds including field welds shall be made by certified welders using E70XX electrodes.
9. High strength bolts (3/4"ø and 1"ø - A325 or F1852) shall be tightened to provide, when all bolts in the joint are tight, a minimum bolt tension of 28,000 lbs for 3/4"ø bolts and 51,000 lbs for 1"ø bolts. One of the following methods shall be used.
   - A. Power wrenches adjusted to stall or cut-out at the correct tension.
   - B. Manual torque wrenches with torque indication set to give the correct tension.
   - C. Manual wrenches using the "turn-of-nut" method of assuring the correct bolt tension.
10. Unless specifically noted otherwise, all high-strength bolts (A325, F1852, and A490) shall be pre-tensioned to meet slip-critical requirements even if the joint is designed as a "Snug-Tight" bearing connection. All joints shall be designed to be bearing type connections unless noted otherwise.
11. All steel members exposed to weather shall be galvanized or painted with TNEMEC Epoxy System or similar system meeting the requirements for painting structural steel in the project specifications. All other steel members shall be furnished with a shop coat of TNEMEC red or gray oxide primer or similar system meeting the requirements for painting structural steel in the project specifications. All primers shall be compatible with top coatings specified. Coat all columns, base plates braces and anchor rods with bitumastic coal-tar epoxy polyamide below finished floor, typical. See specifications.
12. All steel members that are to receive spray or trowel applied, cementitious based, fire-resisting coatings shall be furnished without prime coating unless otherwise noted.
13. All hangers, clips, inserts, etc. suspended from the floor structure or the roof structure (Beams, Joists, and Deck) shall be installed prior to the application of the sprayed-on fireproofing. Patch any fireproofing damaged after the initial application.
14. All exterior exposed steel shall be hot-dipped galvanized, including masonry support lintels, unless noted otherwise.
15. Field cutting, drilling, or other modification of structural steel components is not permitted without written approval of the Structural Engineer of Record. Where beam penetrations cannot be avoided or where cutting is required, the Contractor shall submit, to the Structural Engineer of Record, all pertinent information including penetration shape, size, location, and method of cutting the openings.

COMPOSITE BEAMS

1. Shear studs shall be 3/4" diameter headed steel studs that are 4.5" in length after weld.
2. Studs shall be automatically end welded through the metal floor deck along centerline of beams per manufacturer's recommendation. Studs in multiple rows on the beam flange shall be spaced per typical detail.
3. Where a single value for headed studs is given, space studs uniformly along the length of the beam. Where more than one value for headed studs is given, space uniformly along the length of the beam at intersecting supported beams. Maximum headed stud spacing shall not exceed 8 times the total slab thickness or 36 inches.
4. Headed stud connectors, after installation, shall extend not less than 1 1/2" above the top of steel deck and not more than 1/2" below the finished surface of the concrete.
5. If headed studs are being applied through the metal deck to the structural steel beams, the stud welds can replace the puddle welds required for deck attachment.

LIGHT GAUGE METAL STUDS & MISCELLANEOUS FRAMING

1. Light gauge framing:

Non-structural:	ASTM A653, SS Grade 33
Structural (non-load bearing):	ASTM A653, SS Grade 33
Structural (load bearing):	ASTM A653, SS Grade 50

2. Minimum member thicknesses

Non-load bearing interior walls:	25 gauge (18 mil)
Non-load bearing exterior walls:	20 gauge (33 mil)
Load bearing interior and exterior walls:	18 gauge (43 mil)

3. All light gauge metal studs shall be galvanized.
4. All load bearing walls shall have horizontal bridging spaced at intervals not exceeding 4'-0" maximum.
5. Install framing using wall bracing, connection details, and door/window headers and jambs as recommended by the light gauge stud manufacturer for load bearing and/or curtain wall studs.
6. For any member or connection not specified on the structural drawings, shop drawings and calculations shall be submitted bearing the seal of a professional engineering licensed in the state where the project is located. This engineer must be employed full-time by a light gauge metal supplier or by an engineering firm specializing in light gauge work with a minimum of 3 years of experience or provide evidence previous work experience in light gauge metal design.
7. Light gauge shop drawings shall consist of plans, elevations, and connection details at all load bearing, partition, and curtainwall studs, headers, joists, and bracing. The submittal from the light gauge contractor must contain the following items:
   - Connection of studs and track to supporting structures
   - Connection of stud to track
   - Number of jamb studs at each opening
   - Connection of built-up studs
   - Construction of headers, including fastener spacing
   - Connections of headers to jambs
   - Bridging description/connection of bridging to studs
   - Description of shear wall blocking
8. Fabrication should not begin until the shop drawings and calculations have been reviewed and approved.
9. All load bearing walls shall have horizontal bridging spaced at intervals not exceeding 4'-0" maximum.
10. Bottom track and standard top tracks shall match the wall stud gauge. Top deflection tracks, where required, shall be one gauge thickness heavier than the wall studs.
11. All load bearing & exterior stud walls shall meet the following minimum requirements (not to be treated as final design):
    - Flange width 1 ¼"
    - Flange return ½"
12. At locations where metal studs are shown notched around bottom flanges of beam, light gage stud supplier shall devise a strengthening detail to assure that the stud works with the notch.
13. See plans and typical details for shear wall, floor, and roof sheathing size and attachment pattern.
14. Refer to architectural drawings for all interior, non-load bearing stud wall construction.

STEEL JOISTS

1. Steel joists shall be K series, welded type of the depth and size shown on the drawings.
2. Roof joist shall be designed for a net uplift calculated using the appropriate ultimate wind pressures in the components and cladding tables and a dead load of 10 psf.
3. Contractor shall read the latest edition of the SJI "Standard Specifications" and shall adhere to the requirements of the sections entitled, "Erection Stability and Handling" for each joist and girder series used.
4. Joist bridging shall be provided in accordance with the requirements of the Occupational Safety and Health Administration (OSHA) and SJI. Bridging requirements shall include, but shall not be limited to, the following:
   - A. Bridging size shall be per SJI unless specifically noted on the drawings.
   - B. Bottom chord bridging shall be provided per SJI requirements for the net uplift forces indicated on the drawings. As a minimum, a single line of continuous bridging shall be provided near the first bottom chord panel point at each end of the joist.
   - C. All joists forty (40) feet and longer shall have a row of bolted diagonal bridging in place, in accordance with OSHA requirements, before slacking of hoisting lines.
5. Joists shall be welded to supporting steel in accordance with the SJI specifications.
6. Extend top and bottom chords where noted on the drawings.
7. Provide ceiling extensions in areas where ceilings occur.
8. Bottom chord extensions shall be supplied for all joists and girders located on column grids and on the first joist line on either side of the column grid unless noted otherwise.
9. For all special joists or joist girders that require specific orientation, provide tag at one end and define location of tagged end on erection drawings.
10. Steel joists shall comply with Underwriters Laboratories design or designs as noted in the plans and specifications, including maximum allowable stresses, minimum top and bottom chord sizes, bridging requirements, compatible finishes, etc.
11. Refer to MEP/HVAC drawings for locations and weights of roof or floor mounted mechanical equipment. Joist manufacturer shall design joists to support all such loads. Contractor shall coordinate MEP/HVAC unit size, weight, and location and verify conformance with structural framing plans.
12. RTU weights, sizes, and locations shown are estimates. It is the responsibility of the contractor to verify exact loadings, sizes, and locations with the MEP contractor. Joists shall be strengthened as required to accommodate mechanical units. Shop drawings shall indicate coordinated loadings and locations.
13. Bridging shall be horizontal for K series joists "X-ed" where indicated on the plan. Joist bridging shall be sized, spaced, and installed according to SJI specifications.

STEEL DECK

1. The Contractor shall follow all recommended practices in the SDI manual.
2. Deck shall be galvanized steel deck unless noted otherwise on the drawings.
3. Where steel deck is part of a rated assembly, supply all deck and components, which comply with requirements of Underwriters Laboratories (UL) for each type of assembly specified, reference plans and specifications. Where deck is to receive spray fireproofing, finishes shall be compatible with fireproofing material and comply with UL assembly requirements. Before the fireproofing material is applied, the deck surface to be treated shall be free of rust, scale, oil, or other contaminants or elements which will impair bond.
4. The deck shall be fastened to supporting steel as shown on the drawings.
5. Alternate fastening options using mechanical fasteners, power-actuated, or screws may be considered, if submitted by the Contractor. Alternate systems and documentation certifying that the proposed system provides at least the same uplift and diaphragm shear resistance as the system and pattern specified must be submitted to the Structural Engineer of Record prior to use.
6. Provide a 2" minimum bearing and a 4" lap at the splice point of all pieces of deck.
7. Where possible, all decking shall be 3-span continuous, minimum. Decking specified on this project assumes a 3-span condition unless noted otherwise. The Contractor shall provide heavier gauge deck, as required, for one or two span conditions to meet equivalent load capacity of the specified deck under a 3-span condition.
8. Steel roof deck shall not be used to support load from plumbing VAC ducts, light fixtures, architectural elements, or equipment of any kind unless specifically noted.
9. Hanging any loads directly from steel roof deck shall be avoided whenever possible. Nevertheless, normal suspended acoustical ceilings with a total weight per wire not exceeding 50 lbs may be hung from the steel roof deck in cases where hanging loads from the deck cannot be avoided. If possible, the attachment should be staggered to further distribute the load. If load is directly supported by the deck, tabs or other build-in devices should be provided for hanging referenced loads.
10. Supply 8" wide, minimum, plates matching deck gauge or heavier for all ridge, valley, and change in deck direction locations, which do not fall over a supporting member at least 4" wide.

PRE-ENGINEERED METAL BUILDING

1. At the time these drawings were submitted, final pre-engineered metal building (PEMB) drawings and column base reactions had not been provided to the structural engineer of record for design. Foundations, pedestals, anchorage and associated reinforcement have been designed based on estimated reactions calculated by the structural engineer of record. The contractor shall submit final PEMB drawings and column base reactions for verifications of the above listed elements prior to foundation installation. **Foundations, pedestals, anchorage and associated reinforcement shown in these drawings are subject to change upon receipt of the PEMB drawings.**
2. Steel Material Properties

Steel Provided by PEMB Manufacturer	See PEMB Drawings
Channels, Angles and Plates	ASTM A572
Rect. Hollow Structural Sections HSS, (Fy = 50 KSI)	ASTM A500, GR C
Round. Hollow Structural Sections HSS, (Fy = 46 KSI)	ASTM A500, GR C
Bolts and Fasteners (U.N.O.)	ASTM A325
Structural/Anchor Rods	ASTM F1554, Grade 55 (Weldable)
Headed Shear Studs	ASTM A108, AWS D1.1, Type B

3. The building shall be a manufacturer's standard prefabricated metal structure of the approximate inside area shown, except as noted. Rigid frames shall be spaced as shown on the plans, but overall dimensions and construction details may vary to suit manufacturer's standard design. Minimum web thickness of rigid frames shall be 3/16".
4. The building shall be designed and fabricated according to AISC, MBMA and AISI latest specifications. The dimensional tolerances outlined in the AWS code under workmanship and the tolerances applicable to roll form steel under the AISC "STANDARD MILL PRACTICE" section shall be required in the fabrication of the steel building frames.
5. All columns shall be designed and analyzed as pinned at the base. No base fixity shall be considered.
6. A complete design analysis showing all calculations for the rigid frames, girts, purlins and X-bracing for lateral loads and layout of anchor bolts and other embedded items shall be submitted for approval with the shop drawings. Shop drawings shall include details of all main members, typical connections (showing bolt holes and welds), and erection drawings. The shop drawings must bear the seal of a registered professional engineer licensed to practice in the state in which the project is located.
7. The building shall be designed to support all mechanical equ

AB	Anchor Bolts(s)
ADDL	Additional
AFF	Above Finish Floor
ALT	Alternate
ARCH	Architect, Architectural
B/	Back of
BLDG	Building(s)
BLK	Block(s)
BM	Beam(s)
BOF	Bottom of Footing Elevation
BOT	Bottom
BRDG	Bridging
BRNG	Bearing
BRK	Brick(s)
BTWN	Between
BUR	Built-up Roof
CJ	Control Joint, Contraction Joint, Construction Joint
CL	Centerline
CLG	Ceiling
CLR	Clear
CMU	Concrete Masonry Units
COL	Column(s)
CONC	Concrete
CONN	Connection(s)
CONST	Construction
CONT	Continue, Continuous
CTRD	Centered
DBA	Dowel Bar Anchor, Deformed Bar Anchor
DBL	Doubled
DIA	Diameter
DIAG	Diagonal
DIM	Dimension
DWG(S)	Drawing(s)
DWL	Dowel(s)
E/	Edge of, End of
EA	Each
EB	Expansion Bolt(s)
EBC	Extended Bottom Chord
EF	Each Face
EIFS	Exterior Insulated Finish System
EJ	Expansion Joint
EL	Elevation
ELEC	Electrical
ELEV	Elevator
ENG	Engineer(ed)
EQ	Equal
EXP	Expansion
EQMT	Equipment
EW	Each Way
EWIJ	Engineered Wood I-Joist
EXST	Existing
EXT	Exterior
F/	Face of
FD	Floor Drain
FDN	Foundation
FIN FLR	Finish Floor Elevation
FS	Far Side
FT	Foot, Feet
FTG	Footing
GA	Gage, Gauge
GALV	Galvanized
GLB	Glue-laminated Beam
GR BM	Grade Beam
GR	Grade
GYP BD	Gypsum Board
HD	Headed, Heavy Duty
HDR	Header
HI	High
HK	Hook
HORZ	Horizontal
HP	High Point
HR	Handrail
HS	Headed Stud
HSS	Hollow Steel Section
HVAC	Heating, Ventilation, & Air Conditioning
D	Inside Diameter
IN	Inch, Inches
INSUL	Insulate, Insulation
INT	Interior
INV	Invert
JBE	Joist Bearing Elevation
JST	Joist(s)
JT	Joint
K	Kip(s) (1,000 pounds)
LF	Linear Foot, Linear Feet
LG	Light Gauge
LLH	Long Leg Horizontal
LLO	Long Leg Outstanding
LLV	Long Leg Vertical
LO	Low
LP	Low Point
LT	Left, Light
LT WT	Lightweight
MAS	MATL
MATL	Material
MAX	Maximum
MECH	Mechanical
MFR	Manufacturer
MIN	Minimum
MISC	Miscellaneous
MO	Masonry Opening
MPH	Miles Per Hour
MTL	Metal
N	North
NIC	Not-in-Contract
NOM	Nominal
NS	Near Side
NSG	Non-shrink Grout
NTS	Not-to Scale
NUM	Number
OC	On-center
OD	Outside Diameter, Outside Dimension
OH	Opposite Hand, Overhead
OPNG	Opening
OPP	Opposite
PAR	Parallel
PC	Precast, Precast Concrete
PDF	Power Driven Fastener
PL	Plate, Property Line
PLF	Pounds Per Linear Foot
PLYWD	Plywood
PNL	Panel
PROJ	Project, Projection
PSF	Pounds Per Square Foot
PSI	Pounds Per Square Inch
PTD	Painted
PVMT	Pavement
QTY	Quantity
R (or) RAD	Radius
RD	Roof Drain
REBAR	Reinforcing Bar
REF	Reference
REINF	Reinforce, Reinforcing, Reinforcement
REQD	Required
REV	Revise, Revision
RH	Right Hand
RO	Rough Opening
S	South
SC	Slotted Connection, Slip Connection
SCH	Schedule
SECT	Section
SF	Square Feet
SHT	Sheet
SHTG	Sheathing
SIM	Similar
SJ	Saw Joint
SK	Shear Key
SP	Space(s), Southern Pine
SPECS	Specifications
SQ	Square
SS	Stainless Steel
SSL	Short Slotted Hole
STD	Standard
STF	Stiffener
STL	Steel
STR	Straight
STRUCT	Structural
SYM	Symmetrical
T&B	Top & Bottom
T&G	Tongue & Groove
THK	Thick, Thickness
THRD	Threaded
THRU	Through
TM	Top-of-Masonry Elevation
TOB	Top-of-Beam Elevation
TOC	Top-of-Concrete Elevation
TOF	Top-of-Footing Elevation
TOS	Top-of-Steel Elevation
TP	Top-of-Parapet Elevation
TW	Top-of-Wall Elevation
TYP	Typical
UNO	Unless Noted Otherwise
VERT	Vertical
W/	With
W/O	Without
WB	Wind Bracing
WCJ	CMU Wall Control Joint
WD	Wood
WP	Working Point
WPR	Waterproofing
WS	Waterstop
WWF	Welded Wire Fabric

ULT ROOF WIND PRESSURE (psf)

AREA	ZONE 1'	ZONE 1	ZONE 2	ZONE 3
10	-58.67	-102.14	-134.73	-134.73
20	-58.67	-95.40	-126.07	-126.07
50	-58.67	-86.49	-114.62	-114.62
100	-58.67	-79.75	-105.95	-105.95
200	-50.50	-73.01	-97.29	-97.29
500	-39.69	-64.11	-85.84	-85.84
1000	-31.51	-64.11	-85.84	-85.84

a = 11.6 ft 0.2h = 1.9 ft 0.6h = 5.7 ft

ULT WALL WIND PRESSURE(psf)

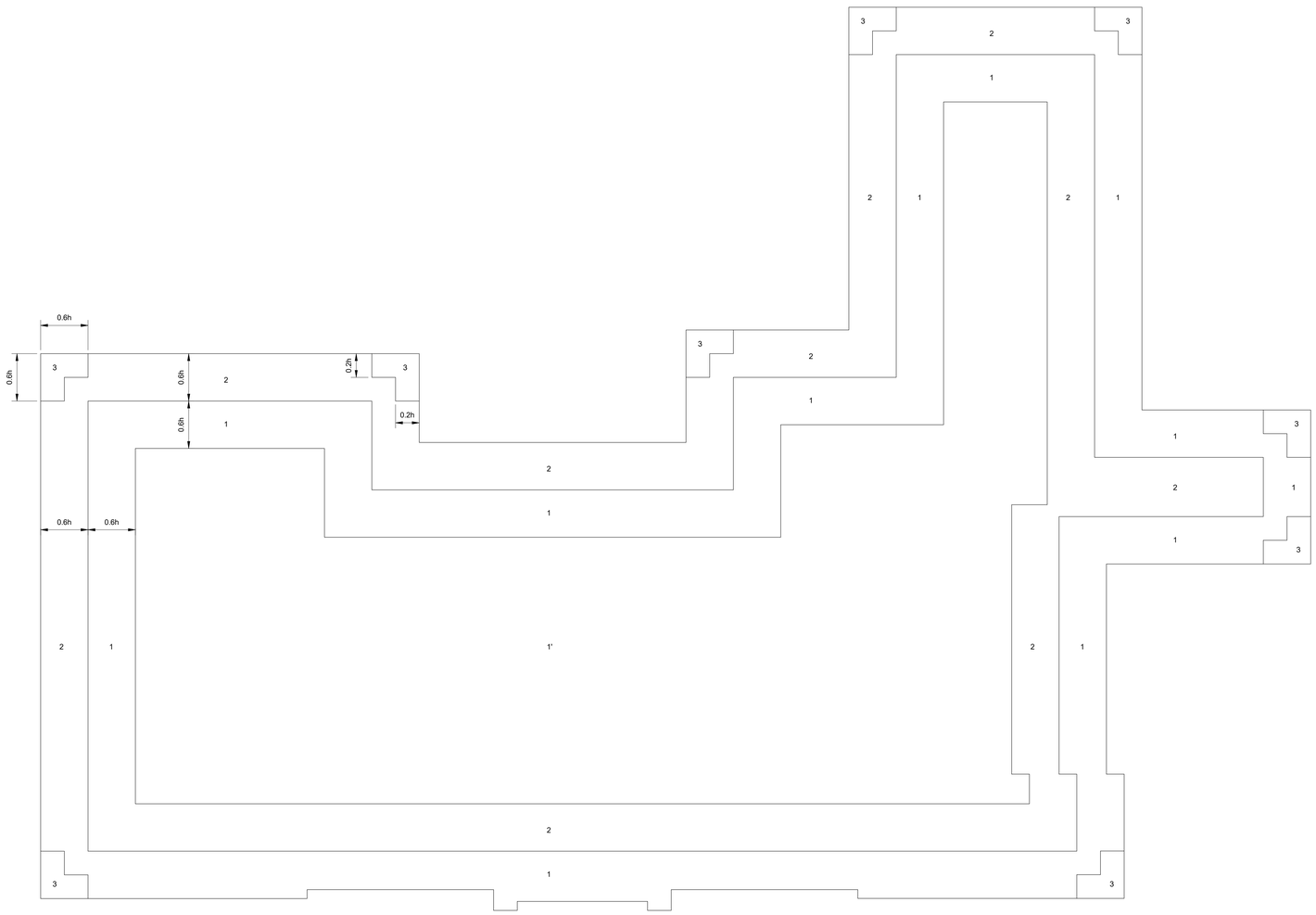
AREA	ZONE 4		ZONE 5	
	WIN	LEE	WIN	LEE
10	58.67	-63.56	58.67	-78.23
20	56.08	-60.96	56.08	-73.03
50	52.64	-57.53	52.64	-66.16
100	50.04	-54.93	50.04	-60.96
200	47.44	-52.33	47.44	-55.77
500	44.01	-48.90	44.01	-48.90

ULT PARAPET WIND PRESSURE (psf)

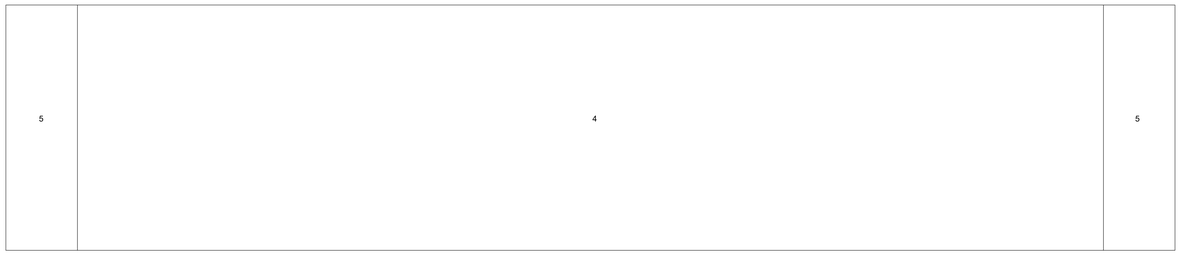
AREA	ZONE 4&2		ZONE 4&3		ZONE 5&2		ZONE 5&3	
	WIN	LEE	WIN	LEE	WIN	LEE	WIN	LEE
10	106.18	-55.62	179.77	-129.21	121.34	-70.78	179.77	-129.21
20	100.80	-52.93	168.12	-120.25	113.28	-65.41	168.12	-120.25
50	93.70	-49.38	152.73	-108.41	102.62	-58.30	152.73	-108.41
100	88.32	-46.69	141.08	-99.45	94.56	-52.93	141.08	-99.45
200	82.95	-44.00	129.44	-90.49	86.50	-47.55	129.44	-90.49
500	75.84	-40.45	114.04	-78.65	75.84	-40.45	114.04	-78.65

FOR WALLS: WIN IS WINDWARD FACE, LEE IS LEEWARD FACE

FOR PARAPETS: WIN IS CASE A = p1+ p2, LEE IS CASE B = p3 + P4



TYPICAL C & C ROOF DIAGRAM



TYPICAL C & C WALL DIAGRAM

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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4/7/2026

SLIDELL POLICE DEPARTMENT

CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

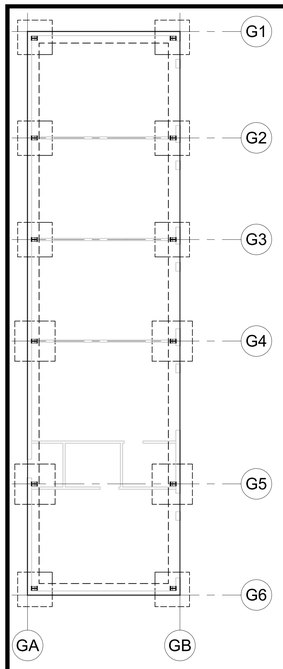
GENERAL NOTES

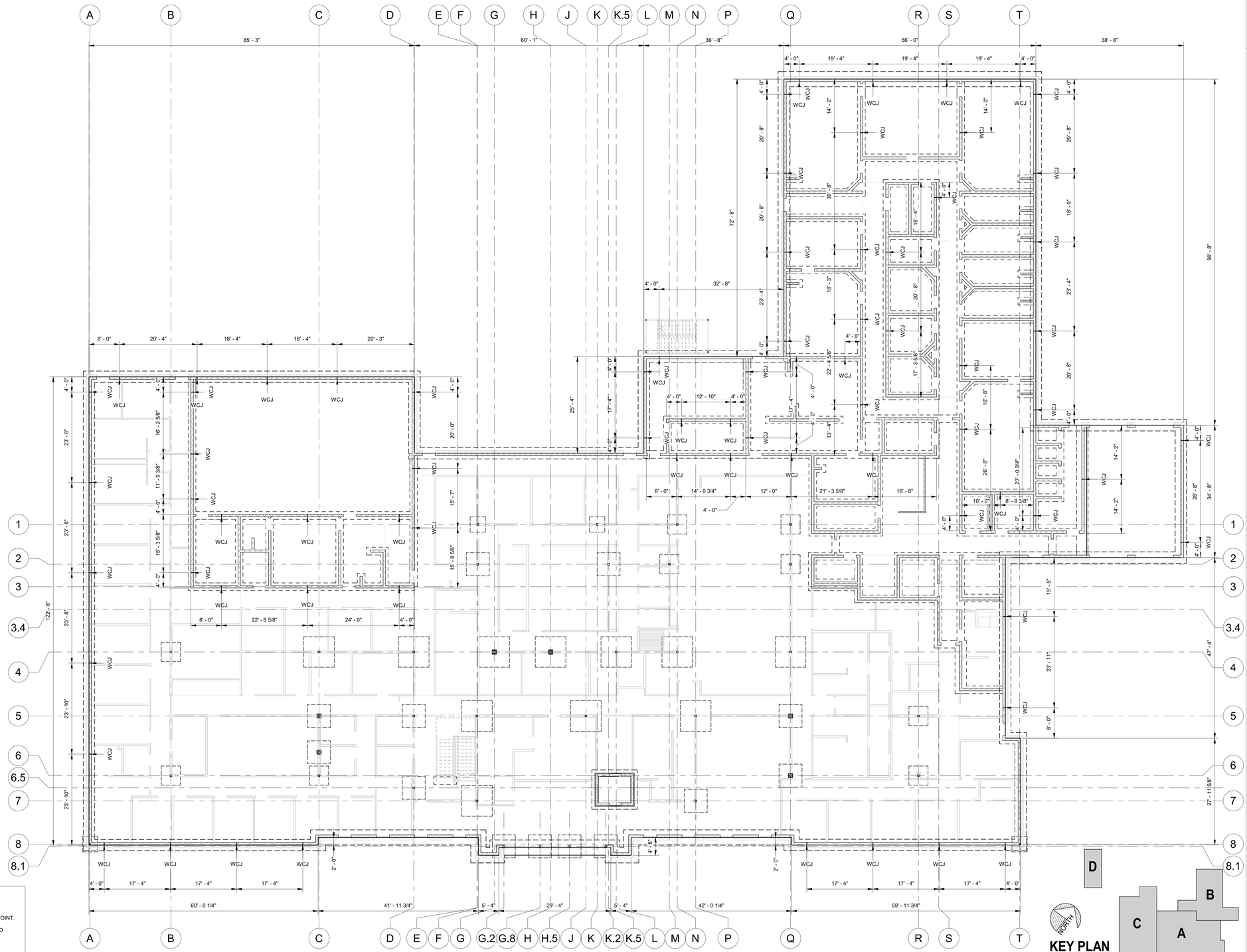
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

S0.1

VERIFY SCALES
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1"
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FOOTING AND FOUNDATION PLAN NOTES: (TYPICAL UNO)

1. 5" SLAB w/WWF W2.9xW2.9 x 6.0x6.0 w/#4 @ 48" O.C. EW.
2. TOP OF CONCRETE SLAB EL. 0'-0" = SITE DATUM EL. SEE CIVIL.
3. SEE 1 / S2.1 & 2 / S2.1 FOR SLAB ON GRADE CONSTRUCTION JOINT AND CONTROL JOINT. CONTROL JOINT PATTERN TO BE MAXIMUM 15'x15'.
4. GENERAL CONTRACTOR TO COORDINATE WITH (MEP) MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS FOR ANY AND ALL LOCATIONS OF SLEEVED OPENINGS IN FOUNDATION WALLS.
5. INTERIOR MASONRY WALL FOOTINGS ARE WF2.0 U.N.O.
6. COAT ALL COLUMNS, BASE PLATES, BRACES AND ANCHOR RODS WITH BITUMASTIC COAL-TAR EPOXY POLYAMIDE BELOW FINISHED FLOOR, TYPICAL. SEE SPECIFICATIONS.

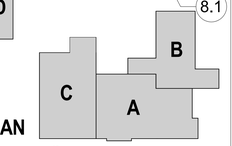
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WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1

– – – WALL BRACING SEE DETAIL 2 / S2.3

1 / S1.1 OVERALL FOUNDATION PLAN

3/32" = 1'-0"



KEY PLAN

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2509 7th AVENUE SOUTH
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911 ROBERT BLVD, SLIDELL, LA 70458

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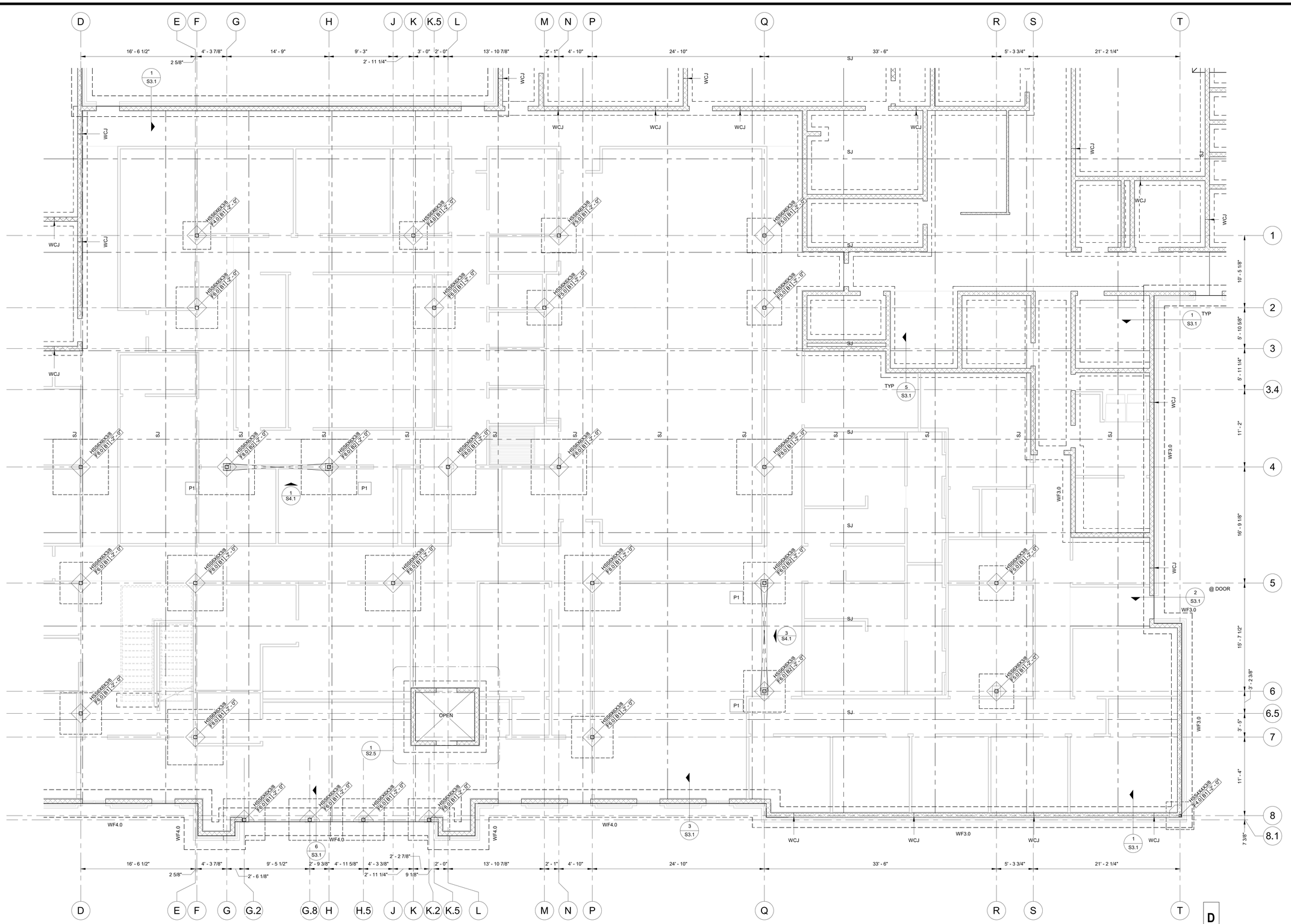
OVERALL FOUNDATION PLAN

NO.	DATE	REVISION/ SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

S1.1

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FOUNDATION PLAN 01

1 / S1.1A — 3/16" = 1'-0"

MASONRY WALL NOTES (TYPICAL UNLESS NOTED)

1. STRUCTURAL CONCRETE MASONRY WALLS TO BE NOMINALLY 8" THICK AND REINFORCED FROM FOOTING TO TOP OF WALL UNO. GROUT REINFORCED CELLS SOLID. REINFORCE AND GROUT SOLID AT CORNERS, OPENINGS, CHAMPS, AND END OF WALLS. SEE TYPICAL DETAIL ON S2.1, S2.2 & S2.3.
2. FOUNDATION DOWEL SPACING TO MATCH VERTICAL REINFORCEMENT.
3. MASONRY CONTROL JOINTS SHALL OCCUR AS SHOWN ON PLAN, SEE DETAIL 9/S2.1.
4. REINFORCEMENT TO BE DISCONTINUOUS ACROSS CONTROL JOINTS.
5. FOR 8" WALLS #5 @ 24" O.C. FILL CELLS SOLID WITH GROUT.
6. FOR 8" WALL CORNERS 1- #5 EACH CELL, THREE CELLS.
7. FOR 8" WALL CONTROL JOINTS 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JOINT.
8. FOR 8" WALL JAMB 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JAMB.
9. PROVIDE BOND BEAMS AT 4'-0" VERTICALLY AT ALL MASONRY WALLS.
10. PROVIDE VERTICAL HOOK INTO TOP BOND BEAM FOR ALL VERTICAL BARS.
11. GROUT SOLID ALL MASONRY BELOW GRADE.
12. GROUT SOLID ALL MASONRY

FOOTING AND FOUNDATION PLAN NOTES: (TYPICAL UNO)

1. 5" SLAB w/WWF W2.9xW2.9 x 6.0x6.0 w/#4 @ 48" O.C. EW
2. TOP OF CONCRETE SLAB EL. 0'-0" = SITE DATUM EL. SEE CIVIL.
3. SEE 1 / S2.1 & 2 / S2.1 FOR SLAB ON GRADE CONSTRUCTION JOINT AND CONTROL JOINT. CONTROL JOINT PATTERN TO BE MAXIMUM 15'x15'.
4. GENERAL CONTRACTOR TO COORDINATE WITH (MEP) MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS FOR ANY AND ALL LOCATIONS OF SLEEVED OPENINGS IN FOUNDATION WALLS.
5. INTERIOR MASONRY WALL FOOTINGS ARE WF2.0 U.N.O.
6. COAT ALL COLUMNS, BASE PLATES, BRACES AND ANCHOR RODS WITH BITUMASTIC COAL-TAR EPOXY POLYAMIDE BELOW FINISHED FLOOR, TYPICAL. SEE SPECIFICATIONS.

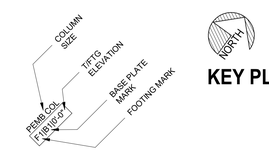
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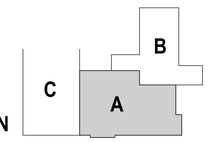
WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1

WALL BRACING SEE DETAIL 2 / S2.3

COLUMN FOOTING SCHEDULE				
FTG MARK	LENGTH	WIDTH	THICKNESS	REINFORCING
F4.0	4' - 0"	4' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F5.0	5' - 0"	5' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F6.0	6' - 0"	6' - 0"	1' - 6"	(7) #6 E.W. TOP & BOTTOM
F7.0	7' - 0"	7' - 0"	1' - 6"	(8) #6 E.W. TOP & BOTTOM
F8.0	8' - 0"	8' - 0"	1' - 6"	(9) #6 E.W. TOP & BOTTOM

WALL FOUNDATION SCHEDULE			
MARK	WIDTH	THICKNESS	REINFORCEMENT
WF2.0	2' - 0"	1' - 0"	(2)#5 CONT TOP & BOTTOM W/ #3 CLOSED TIES @ 16" O.C.
WF3.0	3' - 0"	1' - 6"	(8)#5 CONT w/#5 CLOSED TIES @ 12" O.C.
WF4.0	4' - 0"	1' - 6"	(10)#5 CONT w/#5 CLOSED TIES @ 12" O.C.





D

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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SLIDELL POLICE DEPARTMENT

CITY OF SLIDELL, LOUISANA

911 ROBERT BLVD, SLIDELL, LA 70458

FOUNDATION PLAN 01

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

S1.1A

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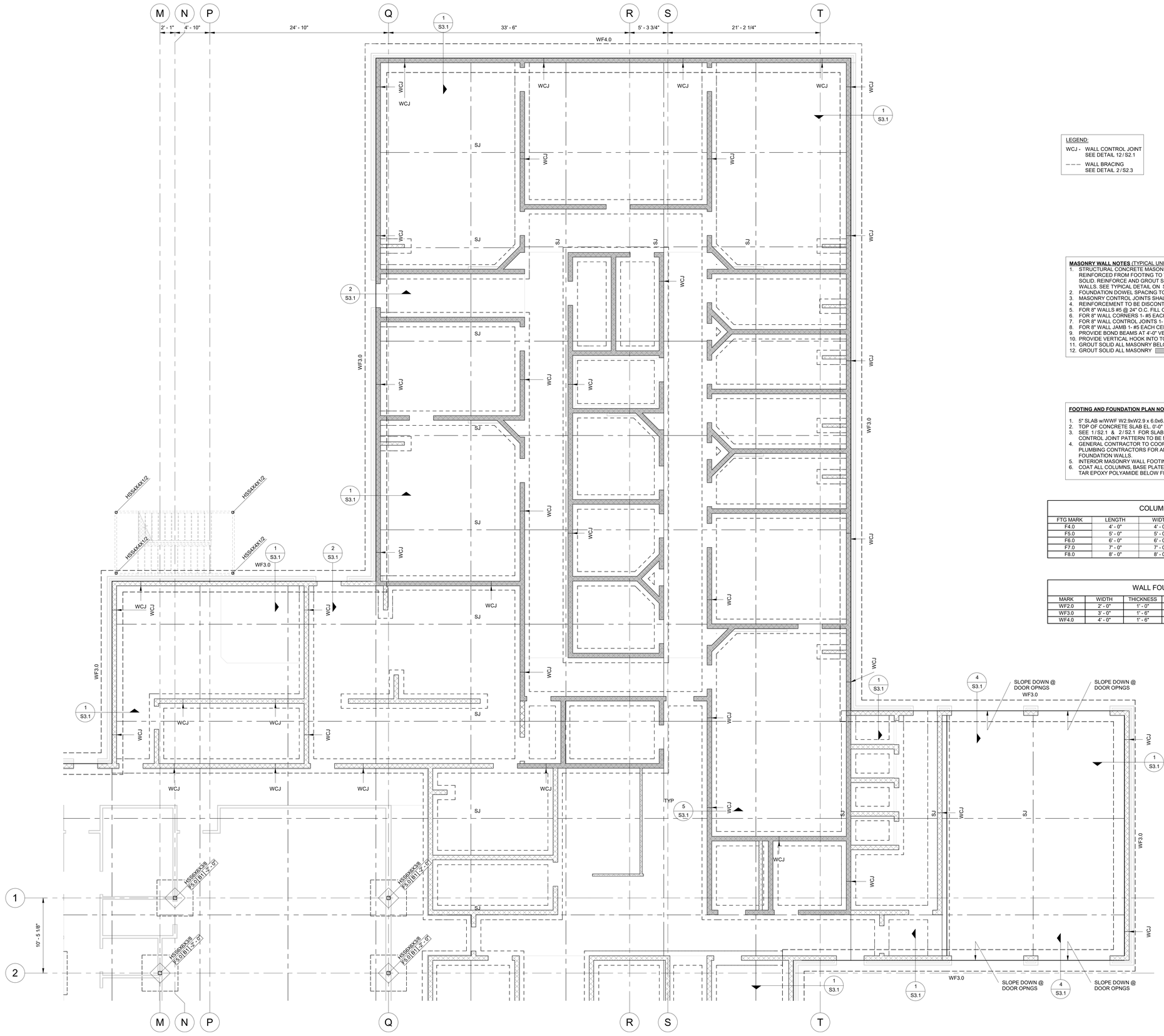
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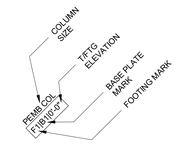
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1 S1.1B FOUNDATION PLAN 02
3/16" = 1'-0"

LEGEND:
WCJ - WALL CONTROL JOINT SEE DETAIL 12/S2.1
WALL BRACING SEE DETAIL 2/S2.3



P# - PEDESTAL SEE 11/S2.1

COLUMN LABEL LEGEND

MASONRY WALL NOTES (TYPICAL UNLESS NOTED)
1. STRUCTURAL CONCRETE MASONRY WALLS TO BE NOMINALLY 8" THICK AND REINFORCED FROM FOOTING TO TOP OF WALL UNO. GROUT REINFORCED CELLS SOLID. REINFORCE AND GROUT SOLID AT CORNERS, OPENINGS, CHAMPS, AND END OF WALLS. SEE TYPICAL DETAIL ON S2.1, S2.2 & S2.3.
2. FOUNDATION DOWEL SPACING TO MATCH VERTICAL REINFORCEMENT.
3. MASONRY CONTROL JOINTS SHALL OCCUR AS SHOWN ON PLAN, SEE DETAIL 9/S2.1.
4. REINFORCEMENT TO BE DISCONTINUOUS ACROSS CONTROL JOINTS.
5. FOR 8" WALLS #5 @ 24" O.C. FILL CELLS SOLID WITH GROUT.
6. FOR 8" WALL CORNERS 1- #5 EACH CELL, THREE CELLS.
7. FOR 8" WALL CONTROL JOINTS 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JOINT.
8. FOR 8" WALL JAMB 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JAMB.
9. PROVIDE BOND BEAMS AT 4'-0" VERTICALLY AT ALL MASONRY WALLS.
10. PROVIDE VERTICAL HOOK INTO TOP BOND BEAM FOR ALL VERTICAL BARS.
11. GROUT SOLID ALL MASONRY BELOW GRADE.
12. GROUT SOLID ALL MASONRY

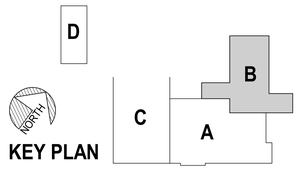
FOOTING AND FOUNDATION PLAN NOTES: (TYPICAL UNO)
1. 5" SLAB w/WWF W2.9xW2.9 x 6.0x6.0 w/#4 @ 48" O.C. EW
2. TOP OF CONCRETE SLAB EL. 0'-0" = SITE DATUM EL. SEE CIVIL.
3. SEE 1/S2.1 & 2/S2.1 FOR SLAB ON GRADE CONSTRUCTION JOINT AND CONTROL JOINT. CONTROL JOINT PATTERN TO BE MAXIMUM 15'x15'.
4. GENERAL CONTRACTOR TO COORDINATE WITH (MEP) MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS FOR ANY AND ALL LOCATIONS OF SLEEVED OPENINGS IN FOUNDATION WALLS.
5. INTERIOR MASONRY WALL FOOTINGS ARE WF2.0 U.N.O.
6. COAT ALL COLUMNS, BASE PLATES, BRACES AND ANCHOR RODS WITH BITUMASTIC COAL-TAR EPOXY POLYAMIDE BELOW FINISHED FLOOR, TYPICAL. SEE SPECIFICATIONS.

COLUMN FOOTING SCHEDULE

FTG MARK	LENGTH	WIDTH	THICKNESS	REINFORCING
F4.0	4' - 0"	4' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F5.0	5' - 0"	5' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F6.0	6' - 0"	6' - 0"	1' - 6"	(7) #6 E.W. TOP & BOTTOM
F7.0	7' - 0"	7' - 0"	1' - 6"	(8) #6 E.W. TOP & BOTTOM
F8.0	8' - 0"	8' - 0"	1' - 6"	(9) #6 E.W. TOP & BOTTOM

WALL FOUNDATION SCHEDULE

MARK	WIDTH	THICKNESS	REINFORCEMENT
WF2.0	2' - 0"	1' - 0"	(2)#5 CONT TOP & BOTTOM W/ #3 CLOSED TIES @ 16" O.C.
WF3.0	3' - 0"	1' - 6"	(8)#5 CONT w/#5 CLOSED TIES @ 12" O.C.
WF4.0	4' - 0"	1' - 6"	(10)#5 CONT w/#5 CLOSED TIES @ 12" O.C.



KEY PLAN

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2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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FOUNDATION PLAN 02

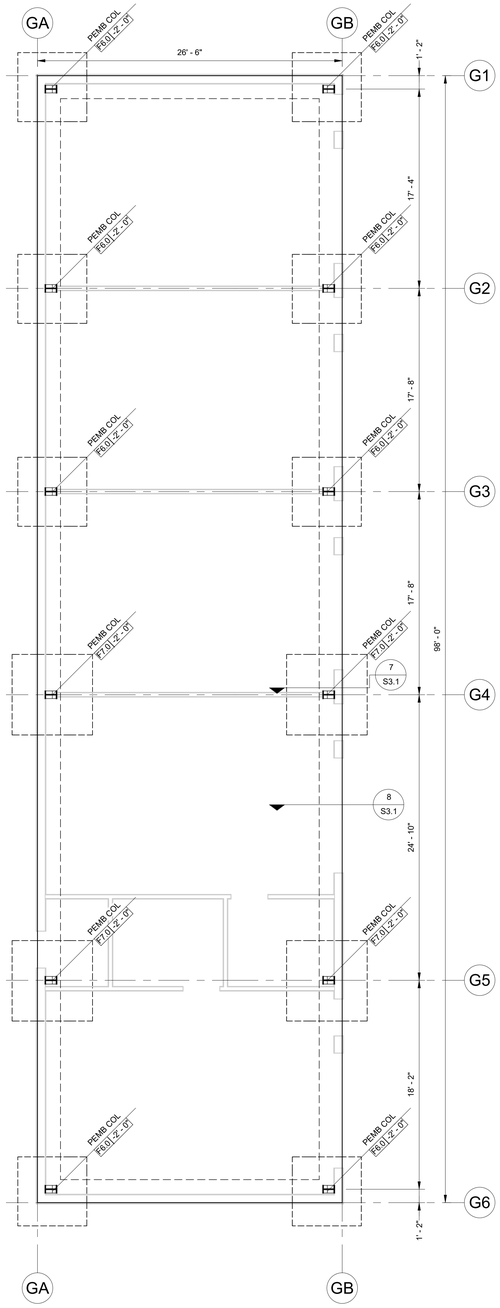
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REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

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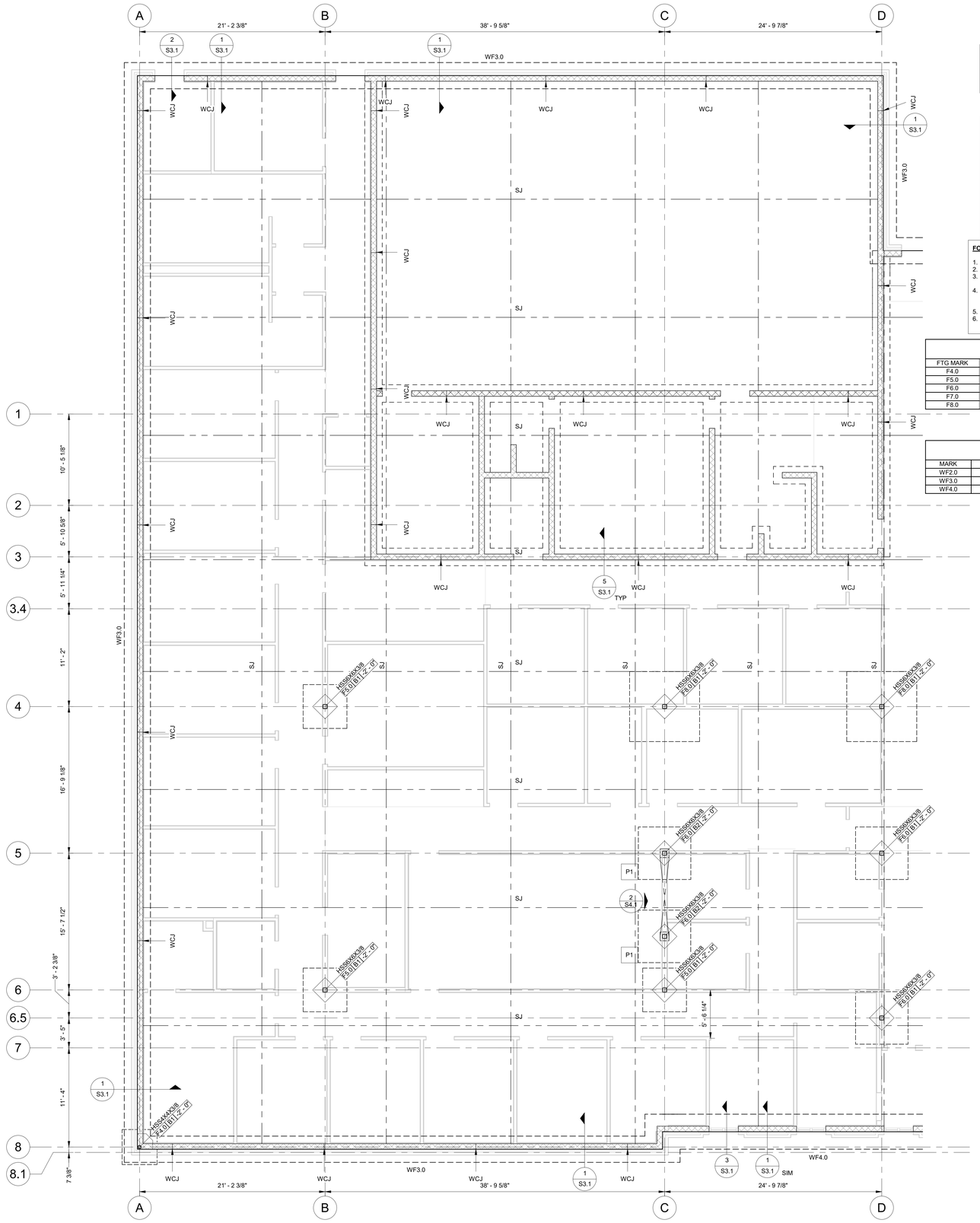
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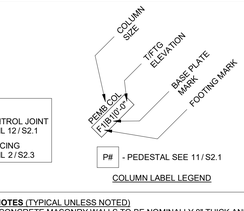
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2 S1.1C FOUNDATION PLAN 04
3/16" = 1'-0"



1 S1.1C FOUNDATION PLAN 03
3/16" = 1'-0"



P# - PEDESTAL SEE 11 / S2.1

COLUMN LABEL LEGEND

LEGEND:
WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1
WALL BRACING SEE DETAIL 2 / S2.3

MASONRY WALL NOTES (TYPICAL UNLESS NOTED)
1. STRUCTURAL CONCRETE MASONRY WALLS TO BE NOMINALLY 8" THICK AND REINFORCED FROM FOOTING TO TOP OF WALL UNO. GROUT REINFORCED CELLS SOLID. REINFORCE AND GROUT SOLID AT CORNERS, OPENINGS, CHAMPS, AND END OF WALLS. SEE TYPICAL DETAIL ON S2.1, S2.2 & S2.3.
2. FOUNDATION DOWEL SPACING TO MATCH VERTICAL REINFORCEMENT.
3. MASONRY CONTROL JOINTS SHALL OCCUR AS SHOWN ON PLAN, SEE DETAIL 9/S2.1.
4. REINFORCEMENT TO BE DISCONTINUOUS ACROSS CONTROL JOINTS.
5. FOR 8" WALLS #5 @ 24" O.C. FILL CELLS SOLID WITH GROUT.
6. FOR 8" WALL CORNERS 1- #5 EACH CELL, THREE CELLS.
7. FOR 8" WALL CONTROL JOINTS 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JOINT.
8. FOR 8" WALL JAMB 1- #5 EACH CELL, TWO CELLS EACH SIDE OF JAMB.
9. PROVIDE BOND BEAMS AT 4'-0" VERTICALLY AT ALL MASONRY WALLS.
10. PROVIDE VERTICAL HOOK INTO TOP BOND BEAM FOR ALL VERTICAL BARS.
11. GROUT SOLID ALL MASONRY BELOW GRADE.
12. GROUT SOLID ALL MASONRY

FOOTING AND FOUNDATION PLAN NOTES: (TYPICAL UNO)
1. 5" SLAB w/WWF W2.9xW2.9 x 6.0x6.0 w/#4 @ 48" O.C. EW
2. TOP OF CONCRETE SLAB EL. 0'-0" = SITE DATUM EL. SEE CIVIL.
3. SEE 1 / S2.1 & 2 / S2.1 FOR SLAB ON GRADE CONSTRUCTION JOINT AND CONTROL JOINT. CONTROL JOINT PATTERN TO BE MAXIMUM 15'x15'.
4. GENERAL CONTRACTOR TO COORDINATE WITH (MEP) MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS FOR ANY AND ALL LOCATIONS OF SLEEVED OPENINGS IN FOUNDATION WALLS.
5. INTERIOR MASONRY WALL FOOTINGS ARE WF2.0 U.N.O.
6. COAT ALL COLUMNS, BASE PLATES, BRACES AND ANCHOR RODS WITH BITUMASTIC COAL-TAR EPOXY POLYAMIDE BELOW FINISHED FLOOR, TYPICAL. SEE SPECIFICATIONS.

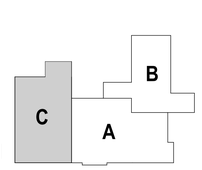
COLUMN FOOTING SCHEDULE

FTG MARK	LENGTH	WIDTH	THICKNESS	REINFORCING
F4.0	4' - 0"	4' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F5.0	5' - 0"	5' - 0"	1' - 6"	(5) #6 E.W. TOP & BOTTOM
F6.0	6' - 0"	6' - 0"	1' - 6"	(7) #6 E.W. TOP & BOTTOM
F7.0	7' - 0"	7' - 0"	1' - 6"	(8) #6 E.W. TOP & BOTTOM
F8.0	8' - 0"	8' - 0"	1' - 6"	(9) #6 E.W. TOP & BOTTOM

WALL FOUNDATION SCHEDULE

MARK	WIDTH	THICKNESS	REINFORCEMENT
WF2.0	2' - 0"	1' - 0"	(2)#5 CONT TOP & BOTTOM W/ #3 CLOSED TIES @ 16" O.C.
WF3.0	3' - 0"	1' - 6"	(8)#5 CONT w/#5 CLOSED TIES @ 12" O.C.
WF4.0	4' - 0"	1' - 6"	(10)#5 CONT w/#5 CLOSED TIES @ 12" O.C.

KEY PLAN



LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

MP DESIGN GROUP
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SLIDELL POLICE DEPARTMENT
CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

FOUNDATION PLAN 03 & 04

NO.	DATE	REVISION / SUBMITTAL
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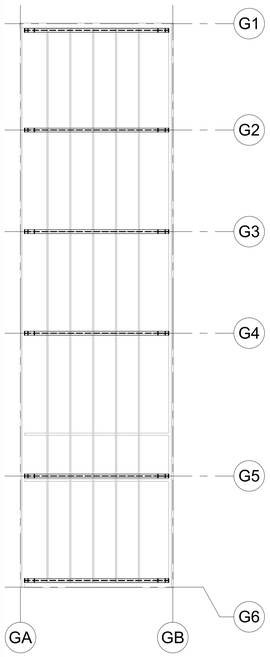
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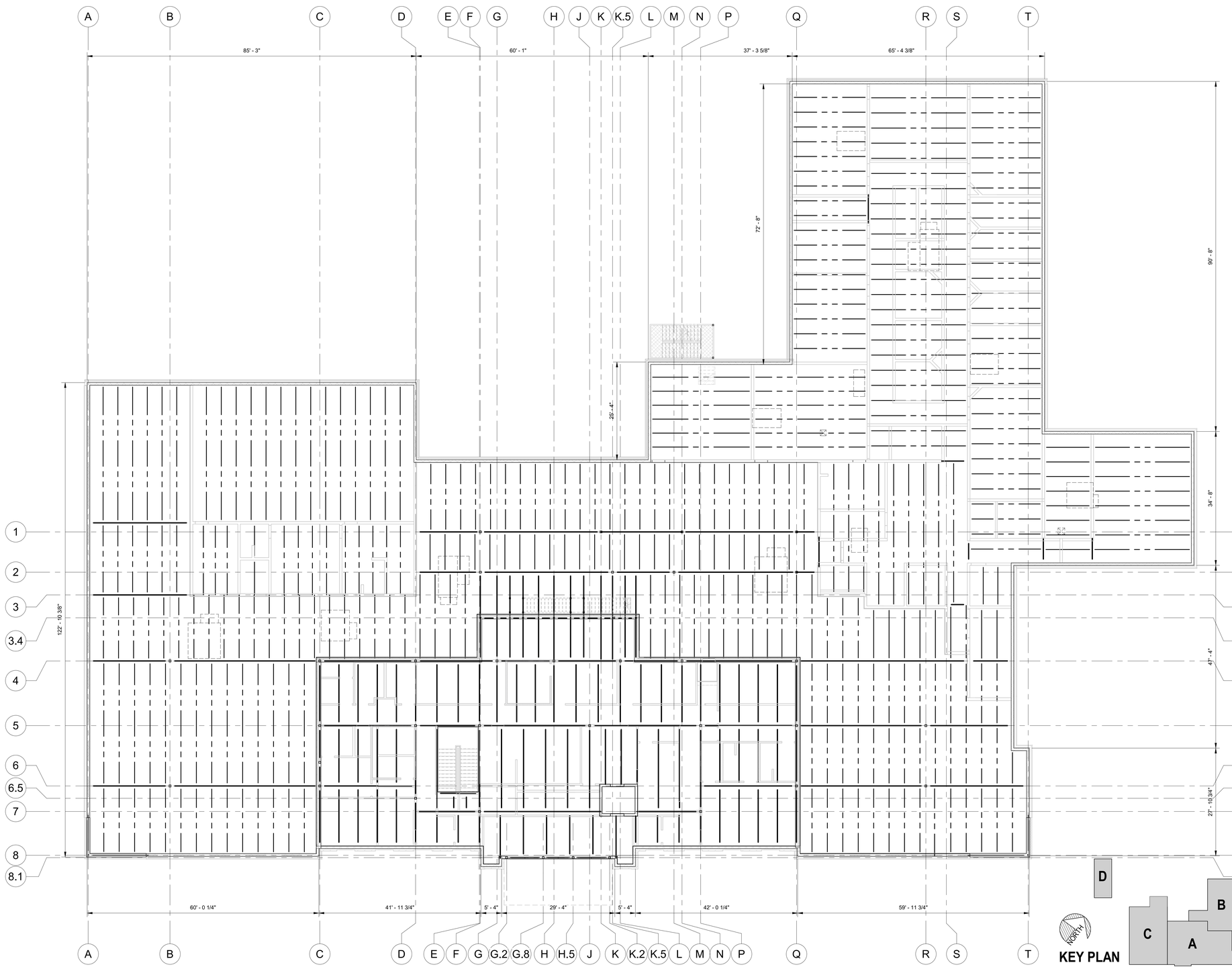
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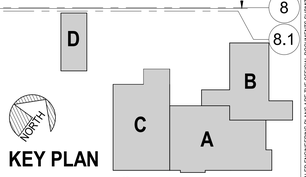
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KEY PLAN

1 / S1.2 OVERALL SECOND FLOOR/LOW ROOF FRAMING PLAN
3/32" = 1'-0"

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Biloxi, Mississippi 39530
P: 228.388.1950
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CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

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PROJECT NO: 0315.23.001
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OVERALL SECOND FLOOR/LOW ROOF FRAMING PLAN

NO.	DATE	REVISION / SUBMITTAL
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LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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PLAN NOTES:

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 15'-0" U.N.O.
2. TOP OF STEEL (14'-4 1/2") U.N.O.
3. TOP OF STEEL (14'-7") U.N.O. AT CONCRETE DECK LOCATION.
4. PLACE CONCRETE FOR THE ENTIRE SLAB AT ONE TIME OR COORDINATE WITH STRUCTURAL ENGINEER FOR LOCATION AND CONSTRUCTION OF POUR STOPS.
5. EVENLY SPACE BEAMS BETWEEN COLUMNS/BEAMS/WALLS U.N.O. BEAM SPACING SHALL BE 5'-0" O.C. MAXIMUM, EXCEPT WHERE NOTED. ADJUST FOR COORDINATION PRIOR TO SUBMITTING BEAM SHOP DRAWINGS.
6. COORDINATE SLAB DEPRESSION DEPTHS AND EXACT LOCATIONS W/ ARCH. DWGS.
7. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
8. FLOOR CONSTRUCTION:
   1.5" VLI, 20 GA. GALVANIZED, w/(3 1/2" CONCRETE (5" TOTAL), REINF w/W6x6 x W2.9xW2.9 ON #4 @ 48"O.C. EW. CONNECTION PATTERN SHOWN IN DETAIL 2 / S2.4 .
9. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)
10. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
11. DO NOT USE PARTITION WALLS TO SUPPORT OR BRACE STRUCTURAL FRAMING.

1 S1.2A SECOND FLOOR/LOW ROOF FRAMING PLAN 01

3/16" = 1'-0"

ROOF PLAN NOTES:

1. TOP OF STEEL ELEVATION DENOTED THUSLY: 14'-4 1/2" U.N.O.
2. ROOF CONSTRUCTION:
   1 1/2" DEEP, 20 GA., WIDE RIB (TYPE "B") GALVANIZED STEEL ROOF DECK ON JOISTS. FOR CONNECTION SEE DETAIL 2 / S2.4 .
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
4. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
5. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)

LEGEND:

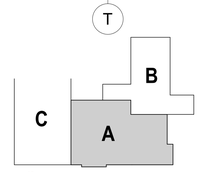
WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1

WALL BRACING SEE DETAIL 2 / S2.3



NOTES:

1. REACTIONS SHOWN ON PLAN ARE MAXIMUM REACTIONS FACTORED AS NOTED IN THE GENERAL NOTES.
2. SEE GENERAL NOTES FOR CONNECTION DESIGN REQUIREMENTS.
3. SPACE HEADED STUDS ALONG BEAM EQUALLY AS NOTED IN THE GENERAL NOTES AND TYPICAL DETAILS
4. MINIMUM 15K REACTION FOR CONNECTION DESIGN.
5. PROVIDE A MINIMUM OF (2)TWO BOLTS PER CONNECTION OR BOLTS REQUIRED FOR MINIMUM OF 3/4 DEPTH OF MEMBER OR INDICATED LOAD, WHICH EVER IS GREATER.



KEY PLAN

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2nd FLOOR/LOW ROOF FRAMING 01

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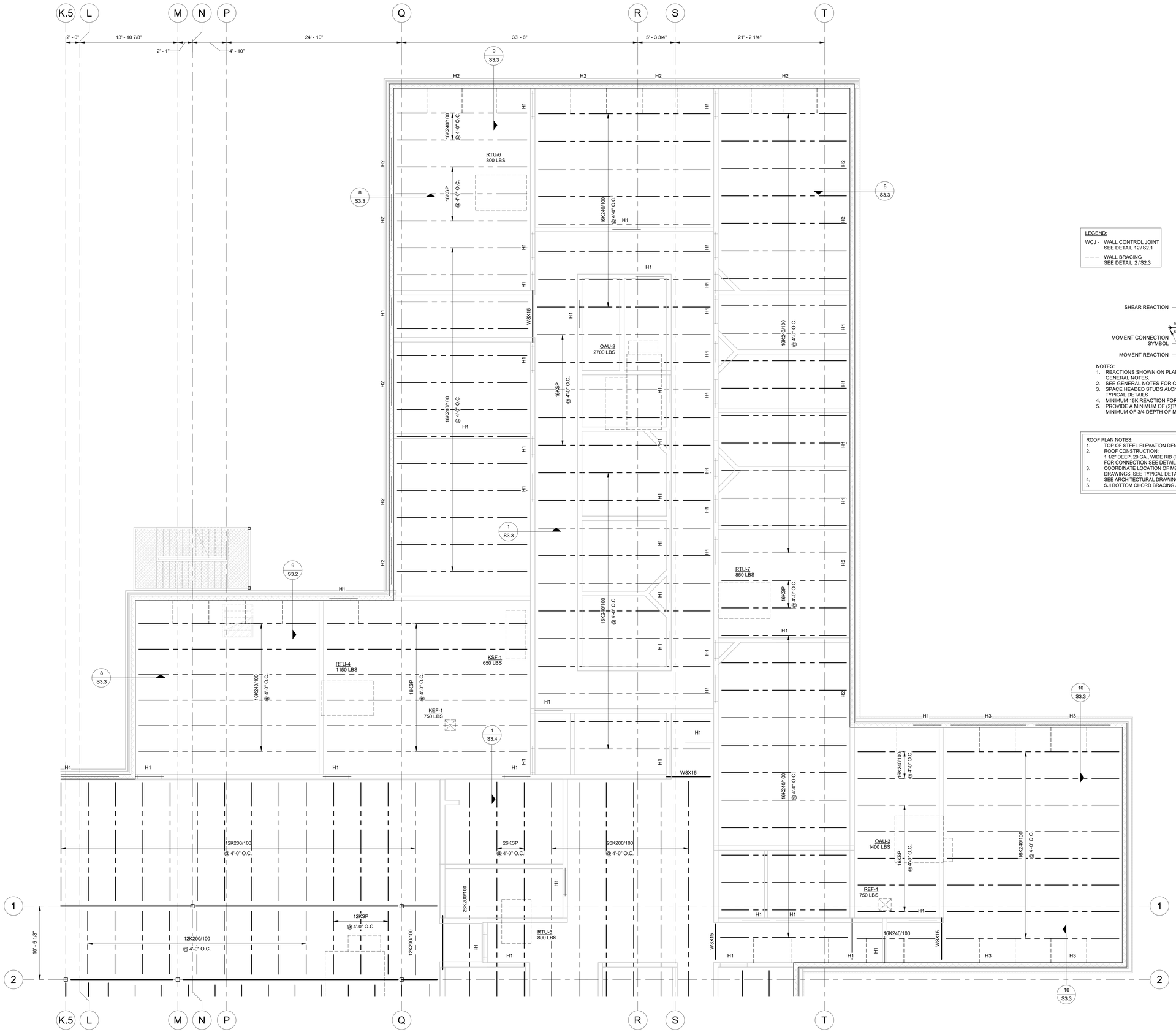
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BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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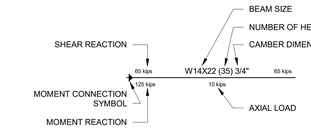
1 S1.2B SECOND FLOOR/LOW ROOF FRAMING PLAN 02

3/16" = 1'-0"

LEGEND:

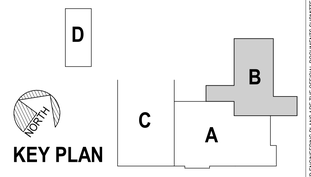
WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1

WALL BRACING SEE DETAIL 2 / S2.3



NOTES:
1. REACTIONS SHOWN ON PLAN ARE MAXIMUM REACTIONS FACTORED AS NOTED IN THE GENERAL NOTES.
2. SEE GENERAL NOTES FOR CONNECTION DESIGN REQUIREMENTS.
3. SPACE HEADED STUDS ALONG BEAM EQUALLY AS NOTED IN THE GENERAL NOTES AND TYPICAL DETAILS
4. MINIMUM 15K REACTION FOR CONNECTION DESIGN.
5. PROVIDE A MINIMUM OF (2)TWO BOLTS PER CONNECTION OR BOLTS REQUIRED FOR MINIMUM OF 3/4 DEPTH OF MEMBER OR INDICATED LOAD, WHICH EVER IS GREATER.

ROOF PLAN NOTES:
1. TOP OF STEEL ELEVATION DENOTED THUSLY: 14'-4 1/2" U.N.O.
2. ROOF CONSTRUCTION:
   1 1/2" DEEP, 20 GA., WIDE RIB (TYPE "B") GALVANIZED STEEL ROOF DECK ON JOISTS.
   FOR CONNECTION SEE DETAIL 2 / S2.4 .
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
4. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION. UNLESS NOTED OTHERWISE.
5. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)



KEY PLAN

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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Charles E Chapman
781565933052404...

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SLIDELL POLICE DEPARTMENT

CITY OF SLIDELL, LOUISANA

911 ROBERT BLVD, SLIDELL, LA 70458

2nd FLOOR/LOW ROOF FRAMING 02

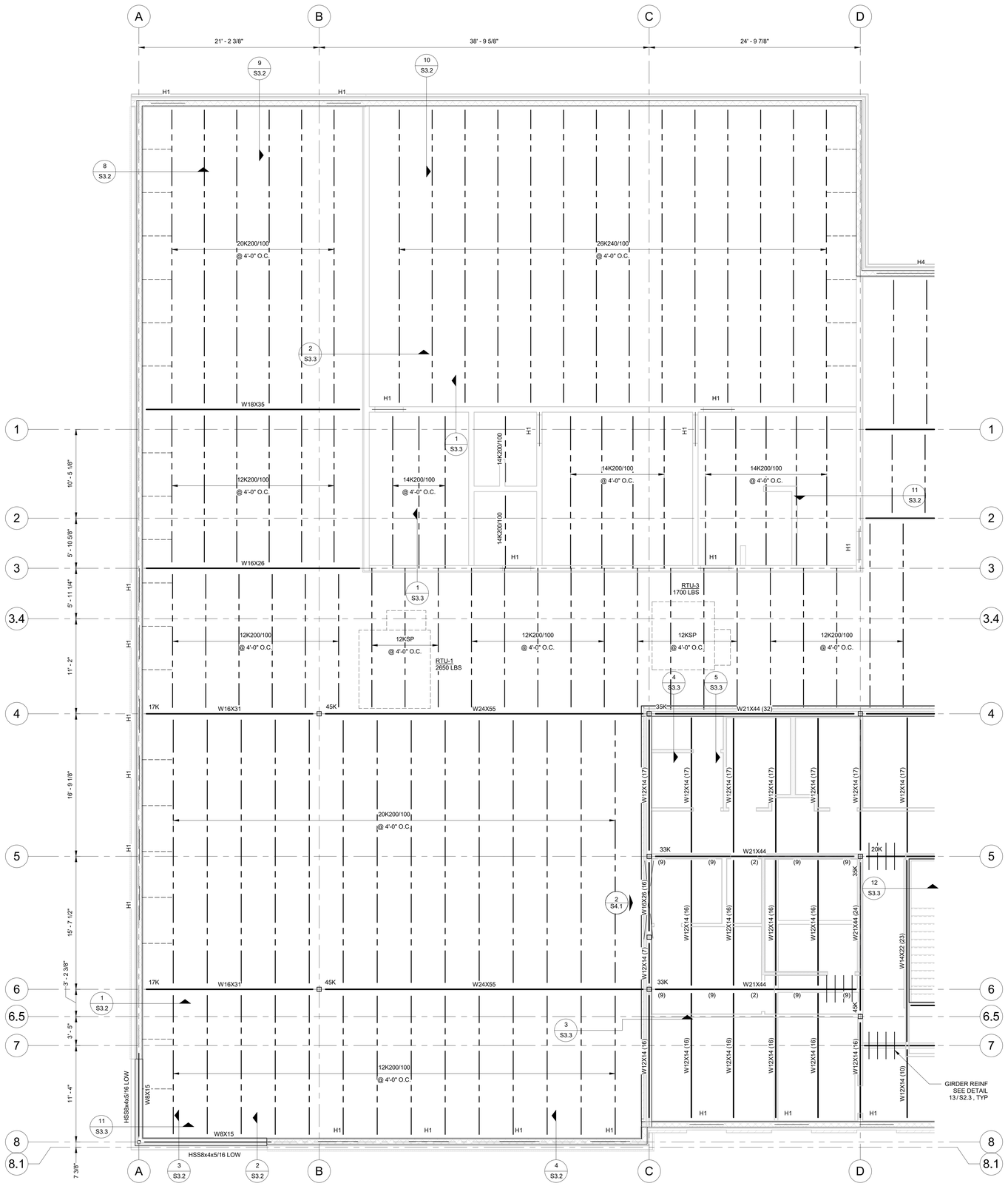
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

S1.2B

VERIFY SCALES
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1"
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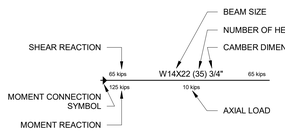
1 S1.2C SECOND FLOOR/LOW ROOF FRAMING PLAN 03

3/16" = 1'-0"

LEGEND:

WCJ - WALL CONTROL JOINT SEE DETAIL 12 / S2.1

– – – WALL BRACING SEE DETAIL 2 / S2.3

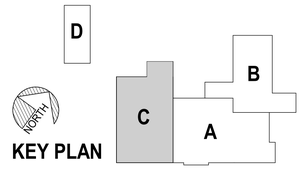


NOTES:
1. REACTIONS SHOWN ON PLAN ARE MAXIMUM REACTIONS FACTORED AS NOTED IN THE GENERAL NOTES.
2. SEE GENERAL NOTES FOR CONNECTION DESIGN REQUIREMENTS.
3. SPACE HEADED STUDS ALONG BEAM EQUALLY AS NOTED IN THE GENERAL NOTES AND TYPICAL DETAILS
4. MINIMUM 15K REACTION FOR CONNECTION DESIGN.
5. PROVIDE A MINIMUM OF (2)TWO BOLTS PER CONNECTION OR BOLTS REQUIRED FOR MINIMUM OF 3/4 DEPTH OF MEMBER OR INDICATED LOAD, WHICH EVER IS GREATER.

PLAN NOTES:

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 15'-0" U.N.O.
2. TOP OF STEEL (14'-4 1/2") U.N.O.
3. TOP OF STEEL (14'-7") U.N.O. AT CONCRETE DECK LOCATION.
4. PLACE CONCRETE FOR THE ENTIRE SLAB AT ONE TIME OR COORDINATE WITH STRUCTURAL ENGINEER FOR LOCATION AND CONSTRUCTION OF POUR STOPS.
5. EVENLY SPACE BEAMS BETWEEN COLUMNS/BEAMS/WALLS U.N.O. BEAM SPACING SHALL BE 5'-0" O.C. MAXIMUM, EXCEPT WHERE NOTED. ADJUST FOR COORDINATION PRIOR TO SUBMITTING BEAM SHOP DRAWINGS.
6. COORDINATE SLAB DEPRESSION DEPTHS AND EXACT LOCATIONS W/ ARCH. DWGS.
7. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
8. FLOOR CONSTRUCTION:
   1.5" VLI, 20 GA. GALVANIZED. w/(3 1/2" CONCRETE (5" TOTAL), REINF w/W6x6 x W2.9xW2.9 ON #4 @ 48"O.C. EW. CONNECTION PATTERN SHOWN IN DETAIL 2 / S2.4.
9. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)
10. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
11. DO NOT USE PARTITION WALLS TO SUPPORT OR BRACE STRUCTURAL FRAMING.

ROOF PLAN NOTES:
1. TOP OF STEEL ELEVATION DENOTED THUSLY: 14'-4 1/2" U.N.O.
2. ROOF CONSTRUCTION:
   1 1/2" DEEP, 20 GA., WIDE RIB (TYPE "B") GALVANIZED STEEL ROOF DECK ON JOISTS.
   FOR CONNECTION SEE DETAIL 2 / S2.4 .
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL. DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
4. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
5. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)



KEY PLAN

LIVE OAK ENGINEERING
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205.637.3115
LA COA#: EF.0004697
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SLIDELL POLICE DEPARTMENT

CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

2nd FLOOR/LOW ROOF FRAMING 03

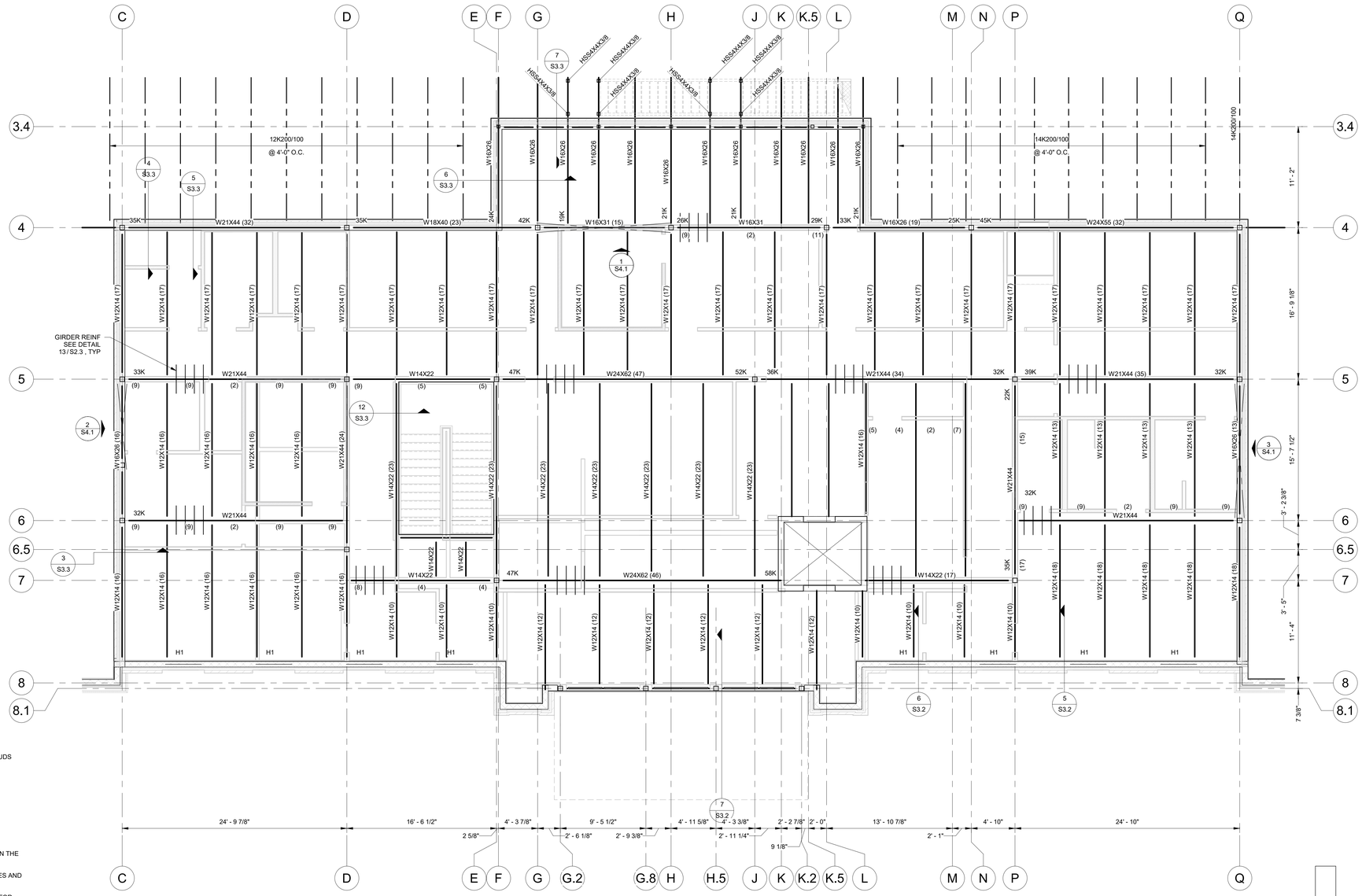
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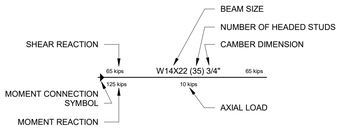
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PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

S1.2C

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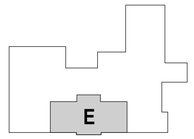


NOTES:
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2. SEE GENERAL NOTES FOR CONNECTION DESIGN REQUIREMENTS.
3. SPACE HEADED STUDS ALONG BEAM EQUALLY AS NOTED IN THE GENERAL NOTES AND TYPICAL DETAILS
4. MINIMUM 15K REACTION FOR CONNECTION DESIGN.
5. PROVIDE A MINIMUM OF (2)TWO BOLTS PER CONNECTION OR BOLTS REQUIRED FOR MINIMUM OF 3/4 DEPTH OF MEMBER OR INDICATED LOAD, WHICH EVER IS GREATER.

PLAN NOTES:

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4. PLACE CONCRETE FOR THE ENTIRE SLAB AT ONE TIME OR COORDINATE WITH STRUCTURAL ENGINEER FOR LOCATION AND CONSTRUCTION OF POUR STOPS.
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8. FLOOR CONSTRUCTION:
   1.5" VLI, 20 GA. GALVANIZED, w/(3 1/2" CONCRETE (5" TOTAL), REINF w/W6x6 x W2.9xW2.9 ON #4 @ 48"O.C. EW. CONNECTION PATTERN SHOWN IN DETAIL 2 / S2.4.
9. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)
10. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
11. DO NOT USE PARTITION WALLS TO SUPPORT OR BRACE STRUCTURAL FRAMING.

1 S1.2D SECOND FLOOR/LOW ROOF FRAMING PLAN 04
3/16" = 1'-0"



KEY PLAN

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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2nd FLOOR/LOW ROOF FRAMING 04

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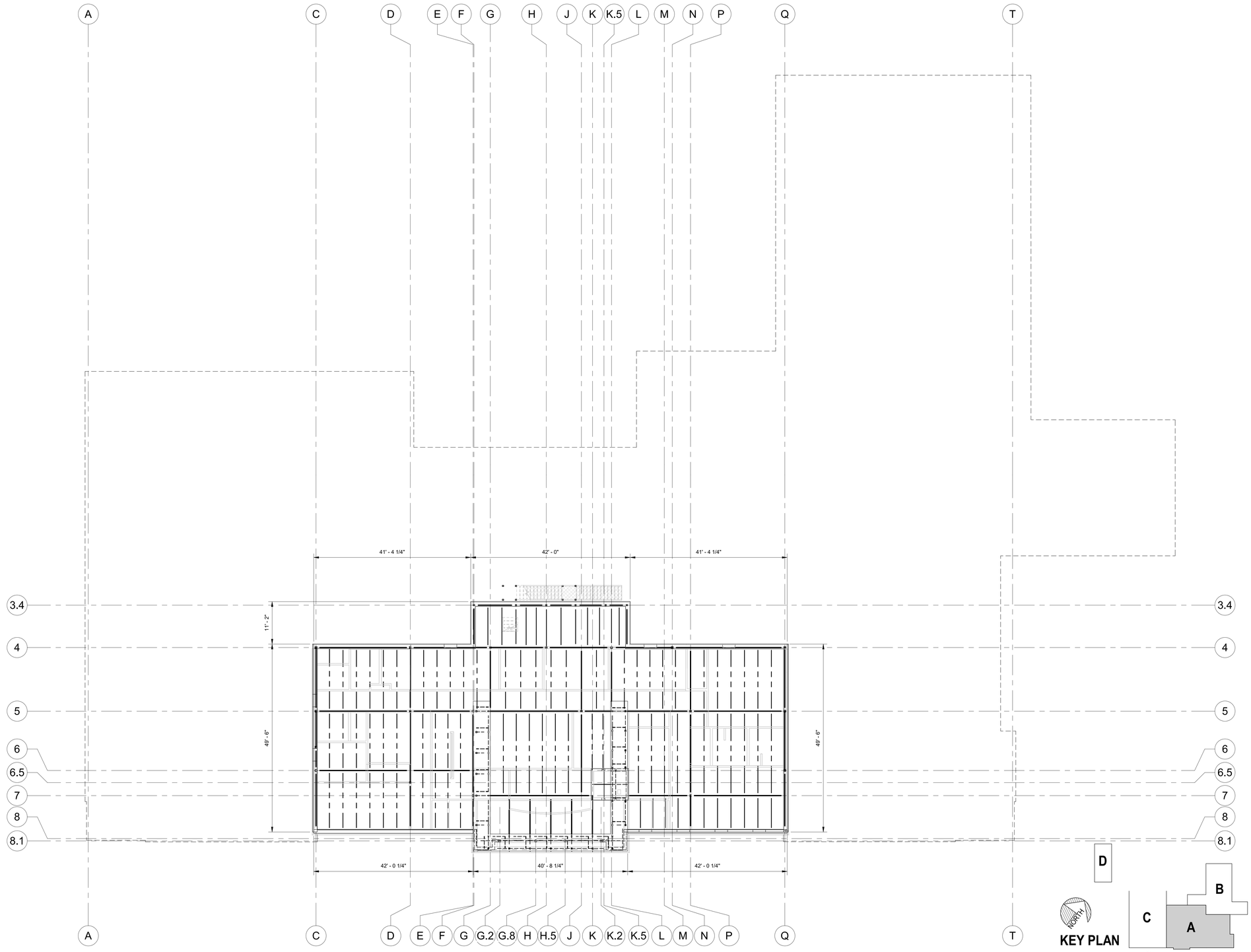
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DRAWN BY: CJM
CHECKED BY:

S1.2D

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1 S1.3 OVERALL HIGH ROOF FRAMING PLAN
3/32" = 1'-0"

KEY PLAN

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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OVERALL HIGH ROOF FRAMING PLAN

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

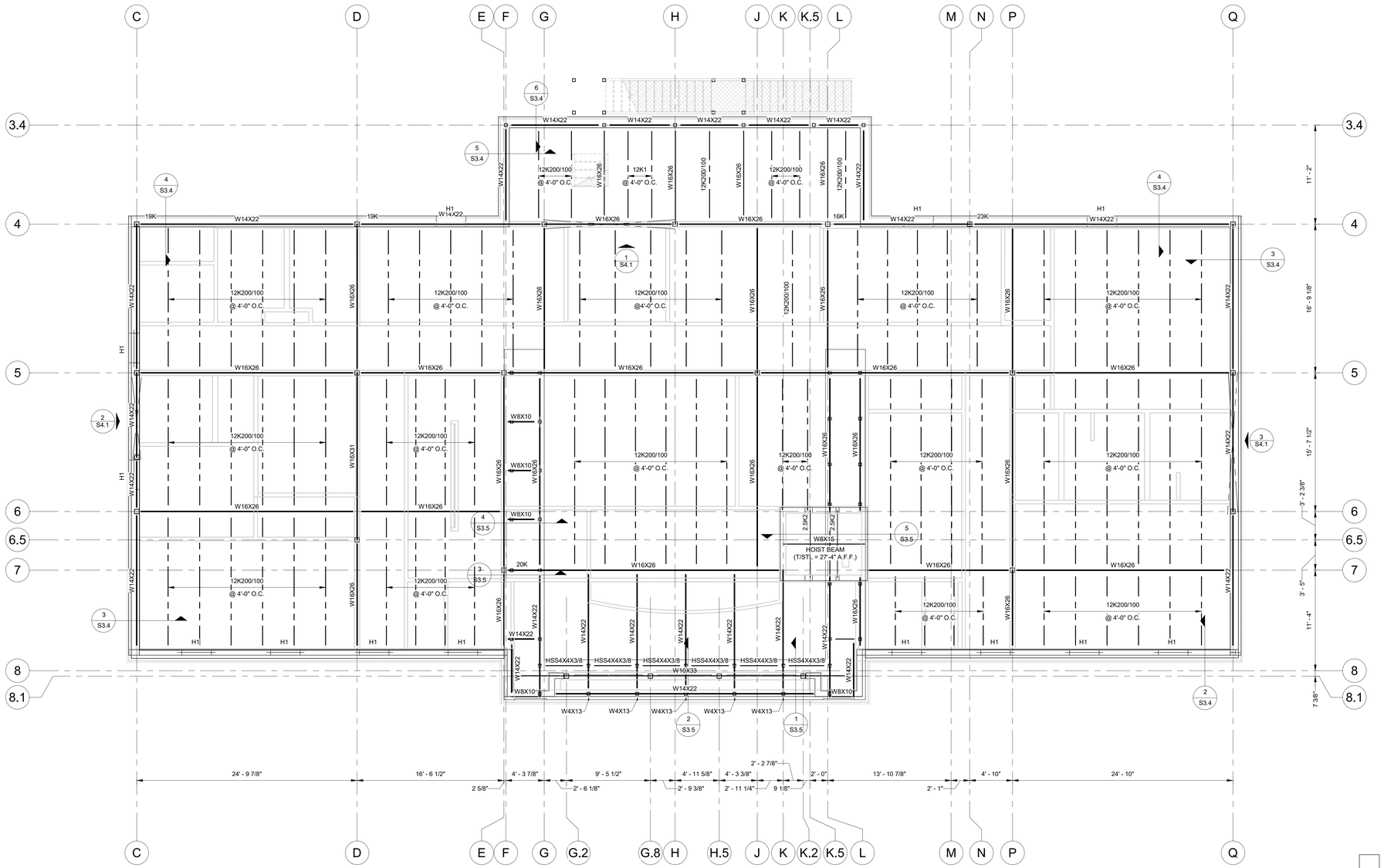
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PROJECT NO: 0315.23.001
DRAWN BY: CJM,
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S1.3

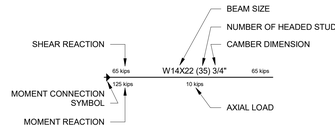
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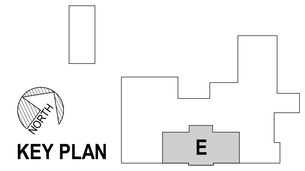


ROOF PLAN NOTES:
1. TOP OF STEEL ELEVATION DENOTED THUSLY: 27'-9 1/2" U.N.O.
2. ROOF CONSTRUCTION:
   1 1/2" DEEP, 20 GA., WIDE RIB (TYPE "B") GALVANIZED STEEL ROOF DECK ON JOISTS.
   FOR CONNECTION SEE DETAIL 2 / S2.4 .
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT AND OPENINGS WITH MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
4. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, UNLESS NOTED OTHERWISE.
5. SJI BOTTOM CHORD BRACING AS NEEDED PER JOIST MFR (SEE SHEET S2.3 FOR DETAILS)



NOTES:
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4. MINIMUM 15K REACTION FOR CONNECTION DESIGN.
5. PROVIDE A MINIMUM OF (2)TWO BOLTS PER CONNECTION OR BOLTS REQUIRED FOR MINIMUM OF 3/4 DEPTH OF MEMBER OR INDICATED LOAD, WHICH EVER IS GREATER.

1 S1.3A HIGH ROOF FRAMING PLAN 05
3/16" = 1'-0"



KEY PLAN

LIVE OAK ENGINEERING
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Charles E Chapman
7B15E933054A404...
4/7/2026

SLIDELL POLICE DEPARTMENT
CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

HIGH ROOF FRAMING PLAN 05

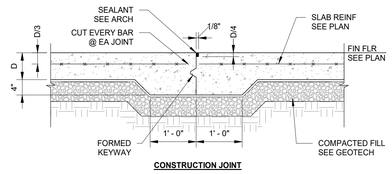
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
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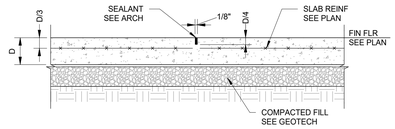
S1.3A

VERIFY SCALES
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1"
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CONSTRUCTION JOINT



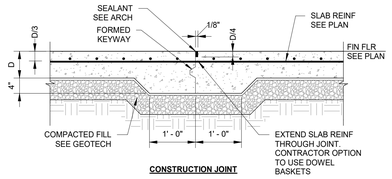
NOTES

1. SEE FOUNDATION PLAN(S) FOR SLAB THICKNESS AND REFIN
2. DISCONTINUOUS REINFORCEMENT AT JOINTS.
3. CUT EVERY BAR @ EA JOINT.
4. THE SAWCUTTING SHALL BE DONE WITHIN 8 HOURS OF PLACEMENT OR AS SOON AS THE CONCRETE HAS SUFFICIENTLY CURED TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING OR TEARING.
5. THE GENERAL LAYOUT OF SAW-CUT JOINTS IS SHOWN ON PLAN. CONTRACTOR TO VERIFY THE SPACING OF SAW-CUT JOINTS DOES NOT EXCEED 15'-0". CONTACT THE ENGINEER OF RECORD WITH ANY ISSUES IN THE SAW-CUT JOINT LAYOUT.

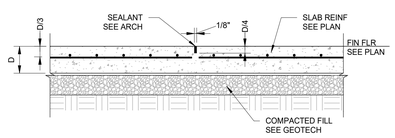
SAWCUT CONTROL JOINT

1 S2.1 TYP SLAB JOINTS PEDESTRIAN TRAFFICKED

N.T.S.



CONSTRUCTION JOINT



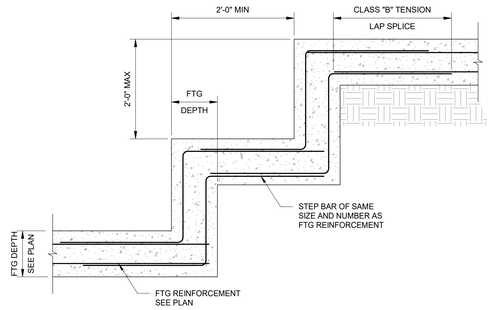
NOTES

1. SEE FOUNDATION PLAN(S) FOR SLAB THICKNESS AND REFIN
2. CUT EVERY OTHER BAR @ EA JOINT.
3. THE SAWCUTTING SHALL BE DONE WITHIN 8 HOURS OF PLACEMENT OR AS SOON AS THE CONCRETE HAS SUFFICIENTLY CURED TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING OR TEARING.
4. THE GENERAL LAYOUT OF SAW-CUT JOINTS IS SHOWN ON PLAN. CONTRACTOR TO VERIFY THE SPACING OF SAW-CUT JOINTS DOES NOT EXCEED 15'-0". CONTACT THE ENGINEER OF RECORD WITH ANY ISSUES IN THE SAW-CUT JOINT LAYOUT.

SAWCUT CONTROL JOINT

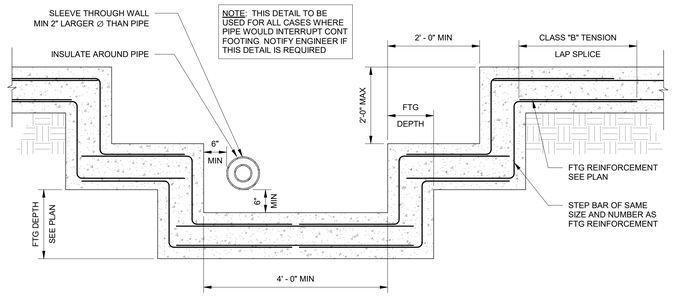
2 S2.1 TYP SLAB JOINTS VEHICULAR TRAFFICKED

N.T.S.



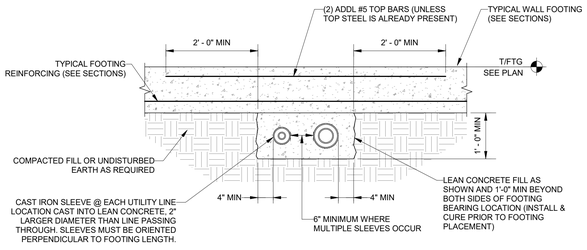
3 S2.1 STEPPED FOOTING DETAIL

N.T.S.



4 S2.1 TYP UTILITY OPENING @ STEPPED FTG DETAIL

N.T.S.

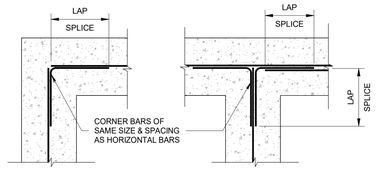


1. CONTRACTOR'S OPTION TO STEP FOOTINGS BELOW UTILITIES IN LIEU OF THIS DETAIL (OVERSIZED HOLES STILL REQUIRED IN FOUNDATION WALLS TO ALLOW FOR SETTLEMENT).
2. COORDINATE UTILITY LOCATIONS WITH CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
3. UTILITIES SHALL NOT PASS BELOW COLUMN FOOTINGS.

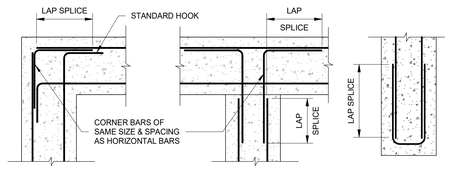
5 S2.1 UTILITIES PASSING BELOW STRIP FOOTING DETAIL

N.T.S.

NOTE
BAR LAYERS ARE SCHEMATIC. REFER TO SECTIONS TO DETERMIN WHICH BARS (VERTICAL OR HORZONTAL) ARE INWHICH LAYERS (INNER OR OUTER)



SINGLE LAYER REINFORCEMENT

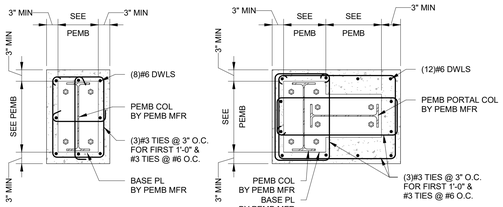


DOUBLE LAYER REINFORCEMENT

NOTE
ALL LAP SPLICES CLASS "B" TENSION, SEE TABLE ON THE GENERAL NOTES.

6 S2.1 WALL REINFORCING AT CORNERS & INTERSECTIONS

N.T.S.



MINIMUM PEMB PEDESTAL SIZE @ TYPICAL FRAME

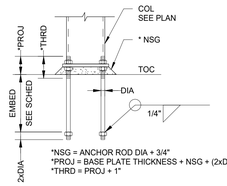
MINIMUM PEMB PEDESTAL SIZE @ PORTAL FRAME

PEDESTAL P1 PEDESTAL P2

8 S2.1 PEMB PEDESTAL REINF DETAIL

N.T.S.

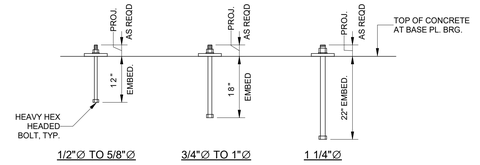
NOTE
1. ANCHOR RODS SHALL BE PROVIDED WITH HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE.
2. NUTS SHALL BE PROVIDED UNDER THE BASE PLATE FOR LEVELING AND PLUMBING OF COLUMN.



*NSG = ANCHOR ROD DIA + 3/4"
*PROJ = BASE PLATE THICKNESS + NSG + (2xDIA) + 1/2"
*THRD = PROJ + 1"

7 S2.1 ANCHOR ROD DETAIL

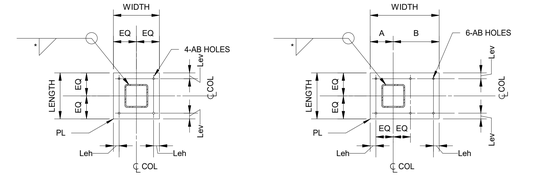
N.T.S.



NOTES:
1. ALL ANCHOR RODS SHALL BE CAST-IN-PLACE. POST-INSTALLED ANCHORS SHALL NOT BE SUBSTITUTED FOR CAST-IN-PLACE ANCHOR RODS.
2. USE ASTM F1554 FOR ALL ANCHOR RODS: GRADE 36, 55 OR 105 AS SPECIFIED BY THE P.E.M.B. SUPPLIER.
3. REFER TO STAMPED P.E.M.B. DRAWINGS FOR ROD DIAMETERS, LOCATIONS & LAYOUT FOR EACH COLUMN.
4. EMBEDMENT DEPTHS SHOWN SHALL BE CONSIDERED AS A MINIMUM. USE LONGER EMBEDMENT IF SPECIFIED BY THE P.E.M.B. SUPPLIER.

9 S2.1 TYPICAL PEMB ANCHOR RODS DETAIL

N.T.S.



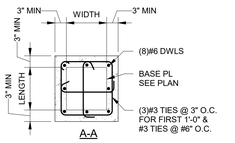
TYPE "A" **TYPE "B"**

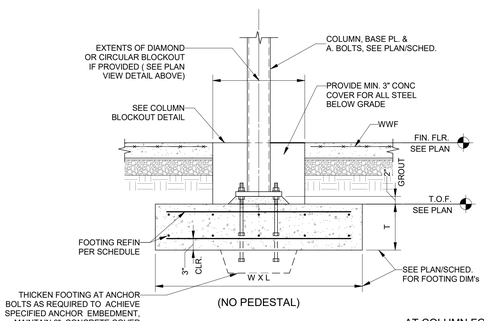
COLUMN BASE PLATE SCHEDULE

MARK	BASE PLATE DIMENSIONS				EDGE DISTANCES		COLUMN OFFSET DIMENSIONS				ANCHOR ROD	
	TYPE	LENGTH	WIDTH	THK	Leh	Lvh	A	B	C	D	DIA	EMBED
B1	A	12"	12"	3/4"	1.5"	1.5"	-	-	-	-	3/4"	12"
B2	B	18"	12"	3/4"	1.5"	1.5"	6"	12"	-	-	3/4"	12"
B3	A	10"	6"	1/2"	1.5"	1.5"	-	-	-	-	1/2"	-

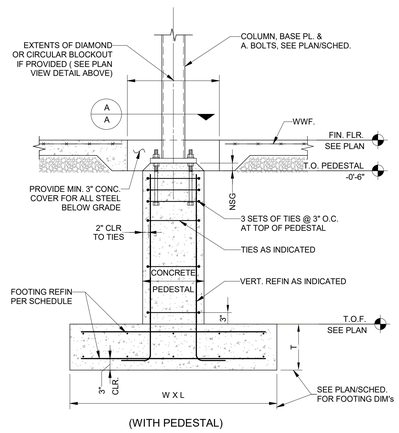
10 S2.1 TYP COLUMN BASEPLATE DETAILS AND SCHEDULE

N.T.S.





(NO PEDESTAL)

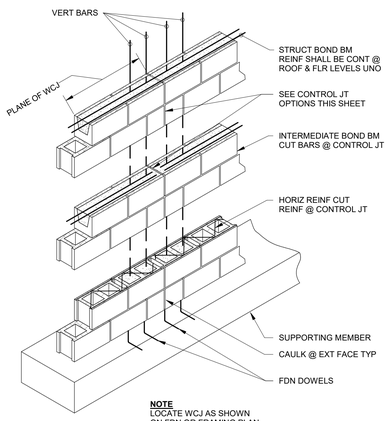


(WITH PEDESTAL)

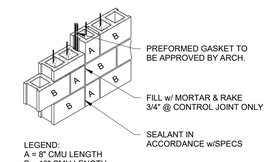
AT COLUMN FOOTINGS

11 S2.1 COLUMN FOOTING DETAIL

N.T.S.



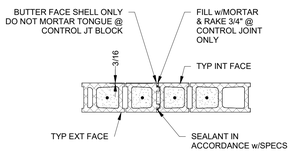
NOTE
LOCATE WCJ AS SHOWN ON FDN OR FRAMING PLAN MAX 24'-0" SPACING UNO.



LEGEND:
A = 8" CMU LENGTH
B = 16" CMU LENGTH

NOTE:
USE CMU LENGTHS ABOVE @ INTERIOR PARTITIONS WHEN THEY WORK w/ BLDG DIMENSIONS.

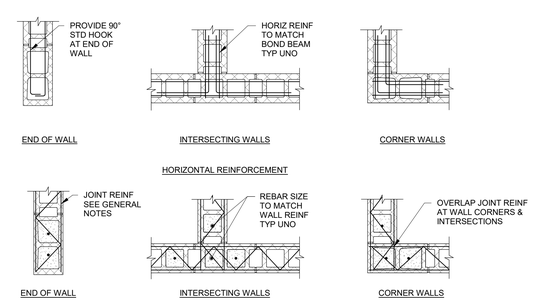
TYP WALL CONTROL JOINT-OPTION 1 2-HOUR



TYP WALL CONTROL JOINT-OPTION 2 4-HOUR

12 S2.1 TYP MASONRY WALL CONTROL JOINT (WCJ) DETAIL

N.T.S.



VERTICAL REINFORCEMENT

NOTE
1. REINFORCEMENT SHOWN IS IN ADDITION TO MINIMUM WALL REINFORCEMENT SHOWN IN FOUNDATION DETAILS.
2. REINFORCING TO BE CONTINUOUS FROM FOOTING TO TOP OF WALL. FILL CORES SOILD WITH GROUT AS NOTED IN THE SPECIFICATIONS OR GENERAL NOTES.

13 S2.1 TYP MASONRY WALL INTERSECTIONS DETAIL

N.T.S.

LIVE OAK ENGINEERING
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BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

MP DESIGN GROUP
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918 Howard Ave Suite F
Biloxi, Mississippi 39530
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www.mpdesigngroup.us

DocuSigned by: Charla E Chapman 7B15E93305A2404...
4/7/2026

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SLIDELL POLICE DEPARTMENT

CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

TYPICAL DETAILS

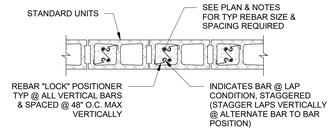
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

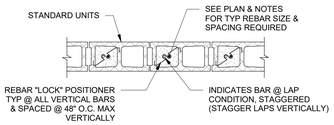
S2.1

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

4/7/2026 1:29:10 PM

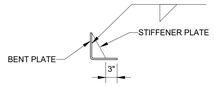


DOUBLE BAR POSITIONER



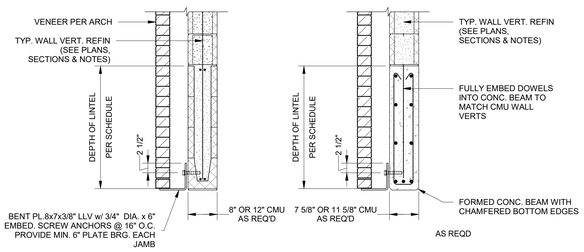
SINGLE BAR POSITIONER

1 S2.2 TYP MASONRY WALL REINFORCING
N.T.S.



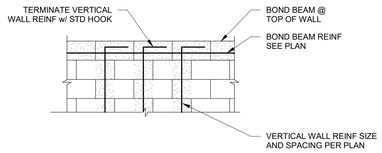
LINTEL ANGLE
STIFFENED BENT PL DETAIL

NOTES:
1. 1/4" STIFFENER PL @ 16" O.C. MAX SPACING
2. ALL TITAN ANCHORS SHALL BE INSTALLED ABOVE HORIZONTAL MASONRY REINFORCEMENT BARS
3. SEE ARCH FOR OPENING SIZE AND LOCATION.

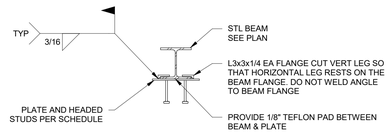


NOTES:
1. SEE "REINFORCED MASONRY HEADER SCHEDULE" DETAIL FOR LINTEL AND JAMB INFORMATION.
2. CONTRACTOR TO SUBMIT ALTERNATE POST INSTALLED ANCHORS TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

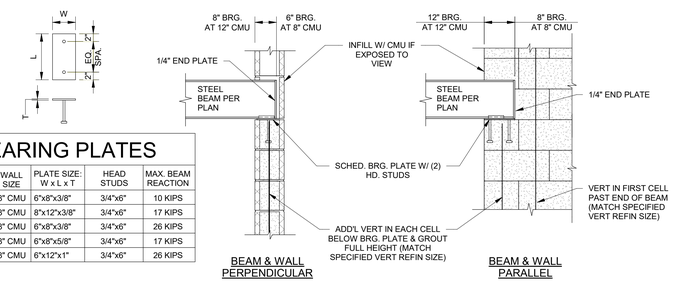
4 S2.2 TYP MASONRY WALL LINTEL DETAILS
N.T.S.



2 S2.2 VERTICAL REINF TERMINATION
N.T.S.



NOTE:
BEAMS BEARING BOTH ENDS ON MASONRY WALLS SHALL HAVE A "SLIDE END" AND "WELDED END" PER DETAILS. WHERE ONLY ONE END OF THE BEAM IS BEARING ON CMU, OMIT THE "SLIDE END" AND ONLY USE THE "WELDED END".



BEARING PLATES

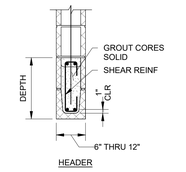
BEAM SIZE	WALL SIZE	PLATE SIZE: W x L x T	HEAD STUDS	MAX. BEAM REACTION
W8x ✳	8" CMU	6"x8"x3/8"	3/4"x6"	10 KIPS
W10x ✳	8" CMU	8"x12"x3/8"	3/4"x6"	17 KIPS
W12x ✳	8" CMU	6"x8"x3/8"	3/4"x6"	26 KIPS
W16x ✳	8" CMU	6"x8"x5/8"	3/4"x6"	17 KIPS
W18x ✳	8" CMU	6"x12"x1"	3/4"x6"	26 KIPS

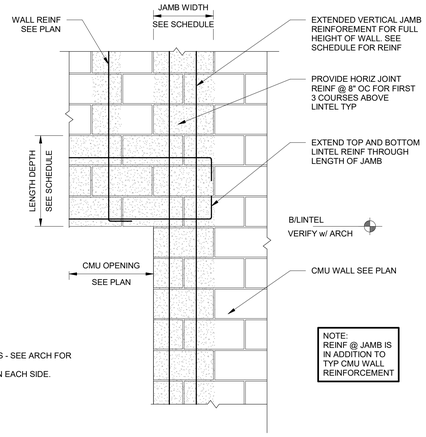
✳ SIMILAR AT SLOPING BEAM CONDITIONS EXCEPT SHOP FAB WT SLOPED SEAT

PROVIDE PLATE & HEADED STUD PER SCHEDULE

5 S2.2 TYP STEEL BEAM BEARING ON MASONRY WALL DETAIL
N.T.S.

HEADER SCHEDULE							
MARK	WALL	DEPTH	REINFORCEMENT	SHEAR REINFORCEMENT	REMARKS	JAMB WIDTH	JAMB REINF
H1	8"	8"	1-#5 CONT	N/A	-	8"	#5 EA CELL
H2	8"	16"	2-#5 CONT T&B	N/A	-	16"	#5 EA CELL
H3	8"	24"	2-#5 CONT T&B	#3 @ 16" O.C. (ALT)	-	16"	#5 EA CELL
H4	8"	30"	2-#5 CONT T&B	#3 @ 16" O.C. (ALT)	2-#5 @ 12" BOT	16"	#5 EA CELL

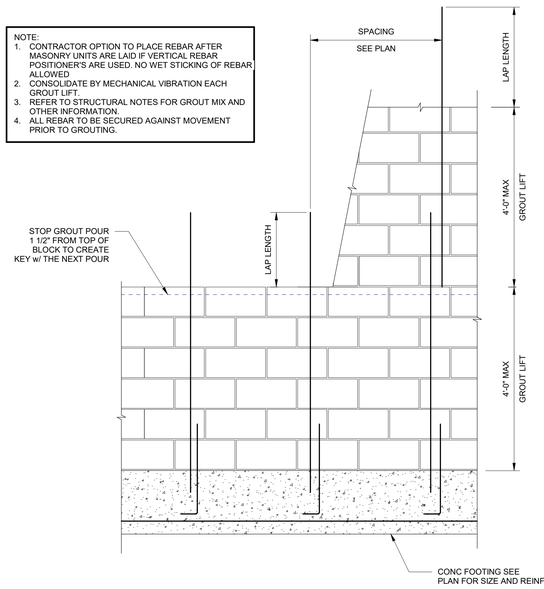




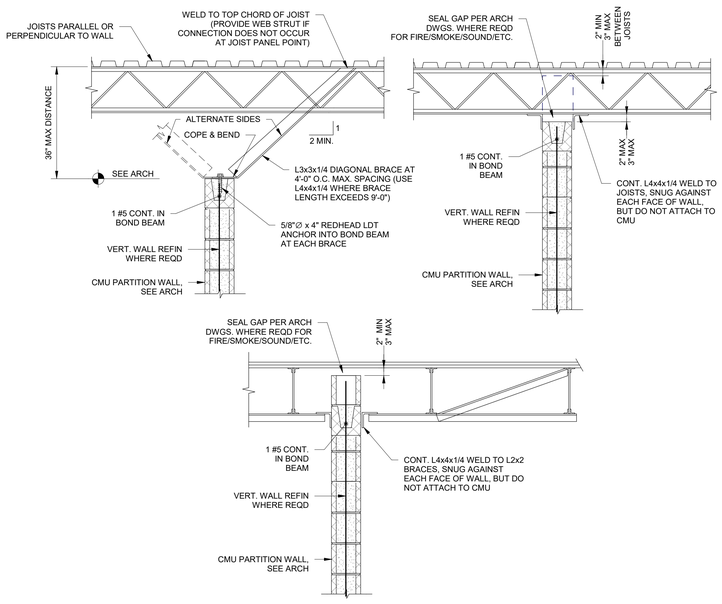
NOTE
1. SEE STRUCT DWGS FOR GENERAL LOCATION OF HEADERS - SEE ARCH FOR SPECIFIC LOCATION & CLEAR SPAN.
2. LINTELS SHALL SPAN CONTINUOUSLY BETWEEN JAMBS ON EACH SIDE.

3 S2.2 MASONRY LINTLE & JAMB REINF SCHEDULE
N.T.S.

NOTE:
1. CONTRACTOR OPTION TO PLACE REBAR AFTER MASONRY UNITS ARE LAID IF VERTICAL REBAR POSITIONER'S ARE USED. NO WET STICKING OF REBAR ALLOWED
2. CONSOLIDATE BY MECHANICAL VIBRATION EACH GROUT LIFT.
3. REFER TO STRUCTURAL NOTES FOR GROUT MIX AND OTHER INFORMATION.
4. ALL REBAR TO BE SECURED AGAINST MOVEMENT PRIOR TO GROUTING.

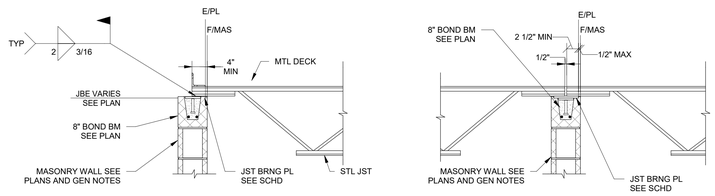


6 S2.2 LOW LIFT GROUT DETAIL
N.T.S.



NOTE:
THIS BRACING IS REQUIRED ALONG (NON-STRUCTURAL) PARTITION WALLS WHERE THE DISTANCE BETWEEN INTERSECTING TIED-IN CMU WALLS EXCEEDS 16'-0" FOR 8" CMU OR 12'-0" FOR 6" CMU

7 S2.2 MASONRY PARTITION WALL BRACING AT STEEL JOISTS
N.T.S.



BEARING PLATE SCHEDULE *		
	JST ONE SIDE	JST 2 SIDES
8" CMU	3/8x6x0'-8"	3/8x7x1'-6"

*ALL BRNG PL TO HAVE 2-1/2"ex6" HD STUDS

8 S2.2 STEEL JOIST BEARING ON MASONRY DETAIL
N.T.S.

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
918 Howard Ave Suite F
Biloxi, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us

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4/7/2026

SLIDELL POLICE DEPARTMENT
CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

TYPICAL DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

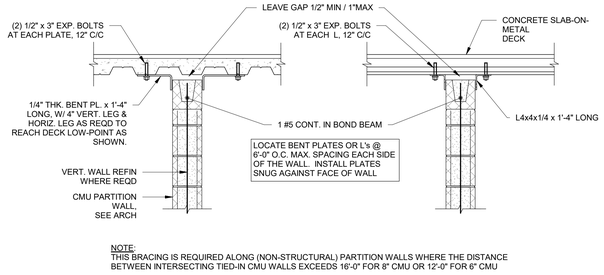
S2.2

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

LIVE OAK ENGINEERING
2509 7th AVENUE SOUTH
BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

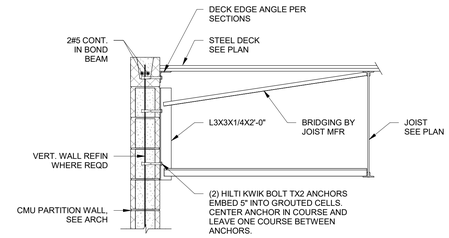
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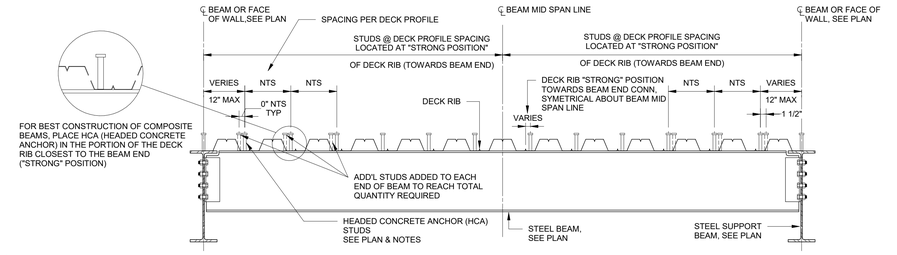


NOTE:
THIS BRACING IS REQUIRED ALONG (NON-STRUCTURAL) PARTITION WALLS WHERE THE DISTANCE BETWEEN INTERSECTING TIED-IN CMU WALLS EXCEEDS 16'-0" FOR 8" CMU OR 12'-0" FOR 6" CMU

1 S2.3 MASONRY PARTITION WALL BRACING AT COMPOSITE FLOOR
N.T.S.

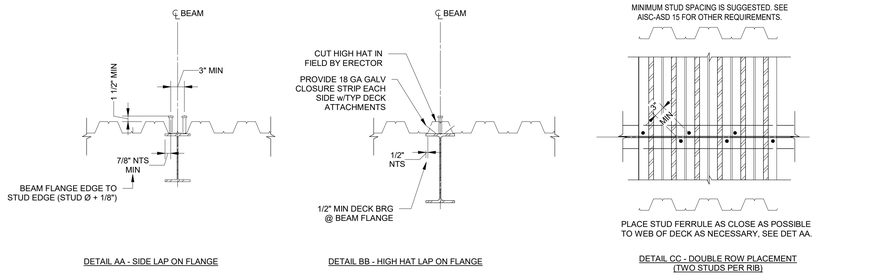


2 S2.3 JOIST BRIDGING TO MASONRY DETAIL
N.T.S.

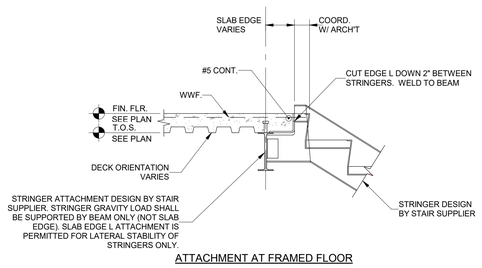


NOTES - TYPICAL UNLESS NOTED OTHERWISE:
1. PROVIDE A MINIMUM NUMBER OF STUDS AS SHOWN ON PLAN, i.e. W24x76 (39) = 39 STUDS OR ONE STUD PER FOOT, WHICHEVER IS GREATER.
2. SPACE FIRST STUD(S) AT FIRST DECK FLUTE FROM END OF BEAM OR FACE OF WALL, MAXIMUM 12" FROM END. CENTER STUDS OVER WEB AT BEAMS. STAGGER STUDS EACH SIDE OF WEB AT GIRDERS.
3. PROVIDE 1/2 OF THE TOTAL QUANTITY OF STUDS ON EACH HALF OF BEAM, STARTING FROM BEAM END OR WALL AND WORKING TOWARDS MID SPAN OF BEAM.

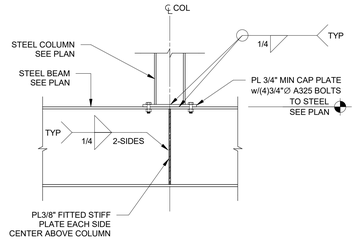
NOTES CONT:
4. SPACE STUDS UNIFORMLY ALONG LENGTH OF BEAM AT SPACING PER DECK PROFILE.
5. AT BEAMS WITH FEWER STUDS THAN NUMBER OF DECK FLUTES, LOCATE STUDS AT EVERY OTHER FLUTE (OR EVERY FOURTH DECK FLUTE IF FLUTES ARE 6" OC), STARTING FROM BEAM END OR WALL AND WORKING TOWARDS MID SPAN OF BEAM. IF STUDS REMAIN, FILL IN EMPTY FLUTES UNIFORMLY STARTING AT EACH BEAM END OR WALL AND WORKING TOWARDS MID SPAN OF BEAM. DO NOT SPACE STUDS GREATER THAN 36" OC.



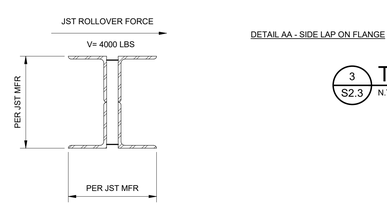
3 S2.3 TYP COMPOSITE BEAM STUD PLACEMENT
N.T.S.



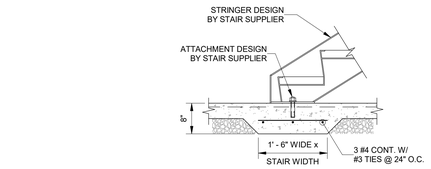
ATTACHMENT AT FRAMED FLOOR



5 S2.3 TYP COLUMN BASEPLATE TO BEAM DETAIL
N.T.S.



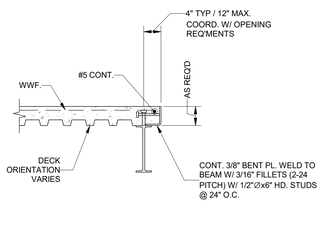
6 S2.3 JOIST SEAT ROLLOVER
N.T.S.



THICKENED SLAB BELOW STRINGERS

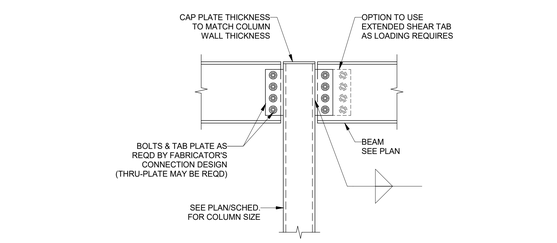
NOTES:
1. METAL STAIR DESIGN NOT BY LOE STRUCTURAL ENGINEERS. SEE ARCH'T DRAWINGS & SPECS FOR REQUIREMENTS OF ENGINEERED STAIR SHOP DRAWINGS.
2. COORD. THICKENED SLAB LOCATIONS & EXTENTS W/ APPROVED STAIR SHOP DRAWINGS
3. WHERE LANDINGS ARE HUNG FROM FLOOR FRAMING, HANGERS SHALL BE LOCATED AT CENTERLINE OF SUPPORTING BEAMS, OR STAIR SUPPLIER SHALL OTHERWISE PROVIDE KICKERS, STIFFENERS, ETC. TO MITIGATE BEAM TORSION RESULTING FROM ECCENTRIC HANGER FORCES.

4 S2.3 INTERIOR STAIR SUPPORT DETAILS
N.T.S.

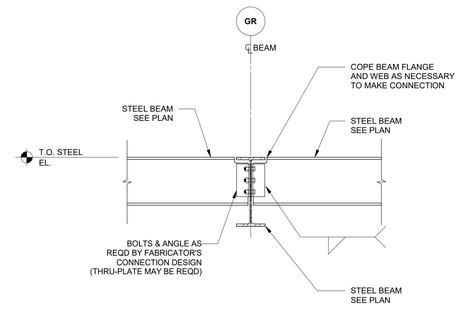


NOTE:
APPLY THIS DETAIL AT FRAMED SLAB PENETRATIONS NOT OTHERWISE NOTED IN SECTIONS OR PLANS.

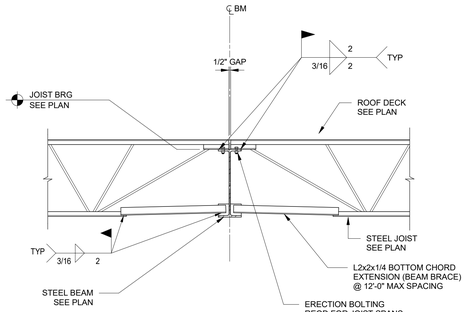
7 S2.3 SLAB EDGE DETAIL
N.T.S.



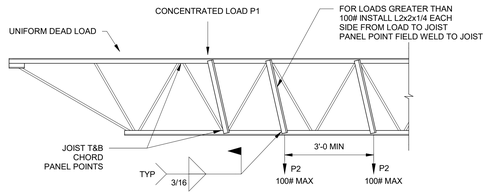
8 S2.3 TYP SHEAR CONNECTION TO COLUMN DETAIL
N.T.S.



9 S2.3 TYP BEAM TO SHEAR CONN DETAIL
N.T.S.

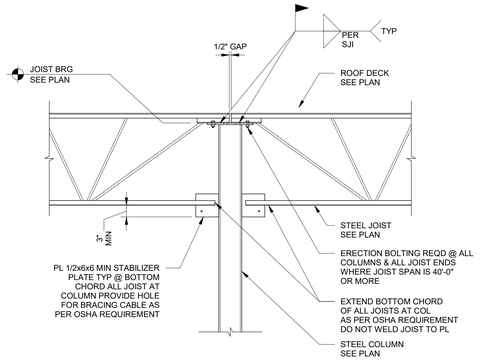


10 S2.3 TYP JOIST BRG @ STEEL DETAIL
N.T.S.

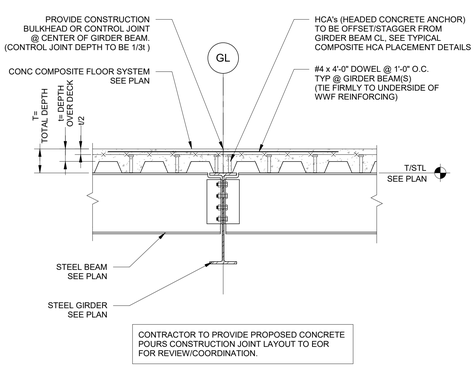


NOTES FOR CONCENTRATED HANGING LOADS:
1. ALL HANGER LOADS SHOULD BE APPLIED ALONG THE CENTERLINE OF THE JOIST CHORD (i.e. NO ECCENTRICITY).
2. HANGER LOADS APPLIED AT ANY NON-PANEL POINT ALONG THE JOIST CHORD SHALL NOT EXCEED 100 POUNDS AND SHALL BE SPACED A MINIMUM OF 36" APART. LOADS GREATER THAN 100 POUNDS MUST BE APPLIED AT PANEL POINT, OR ADDITIONAL BRACING MUST BE ATTACHED FROM LOAD TO TOP CHORD PANEL POINT AS SHOWN.
3. THE SUM TOTAL OF ALL HANGING LOADS APPLIED TO ANY ONE JOIST SHALL NOT EXCEED 1000 POUNDS AND NO SINGLE LOAD SHALL EXCEED 2/3 OF THIS AMOUNT.
4. PIPING, DUCTWORK, LIGHTS, CONDUIT RUNS, ETC. MAY BE HUNG FROM TWO OR MORE JOISTS TO MEET THESE REQUIREMENTS.
5. CALCULATION OF ACTUAL HANGER LOADS MUST INCLUDE THE WEIGHT OF ALL MECHANICAL, ELECTRICAL OR ANY OTHER TRADE'S EQUIPMENT, PIPING, DUCTWORK, INSULATION, CONDUIT, LIGHTS, ETC. INCLUDING WEIGHT OF HANGING SYSTEM USED. CONSIDER ALL PIPING TO BE FILLED WITH WATER AND ALL CONDUIT RUNS TO WEIGH TWICE THEIR UNFILLED WEIGHT.

11 S2.3 TYP JOIST REINFORCING POINT LOADING DETAIL
N.T.S.



12 S2.3 TYP JOIST BRG @ BEAM & COLUMN DETAIL
N.T.S.



CONTRACTOR TO PROVIDE PROPOSED CONCRETE POURS CONSTRUCTION JOINT LAYOUT TO EOR FOR REVIEW/COORDINATION.

13 S2.3 COMPOSITE SLAB CONST/CONTROL JT @ GIRDER BM
N.T.S.

LIVE OAK ENGINEERING
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BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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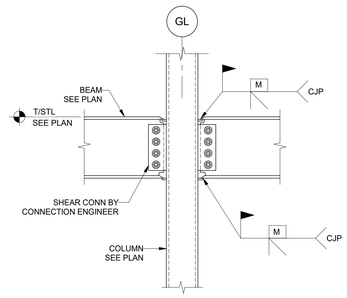
TYPICAL DETAILS

NO.	DATE	REVISION/ SUBMITTAL
REV'0	11.26.25	ISSUED FOR CONSTRUCTION
REV'1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

S2.3

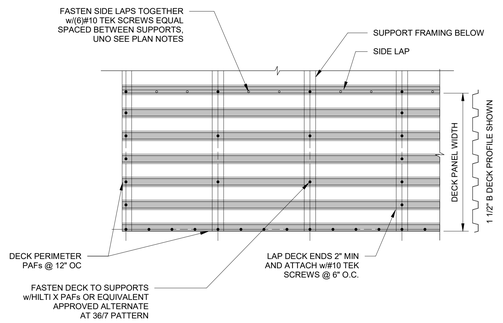
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TUBE COLUMN

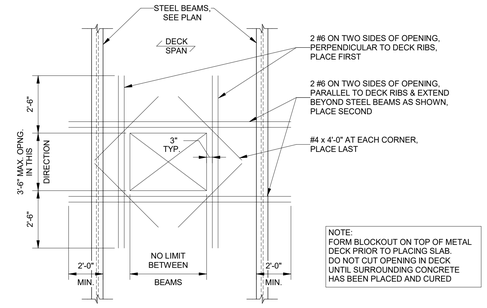
1 S2.4 BEAM TO COLUMN MOMENT CONNECTION DETAIL

N.T.S.



2 S2.4 1 1/2" ROOF DECK ATTACHMENT DETAIL

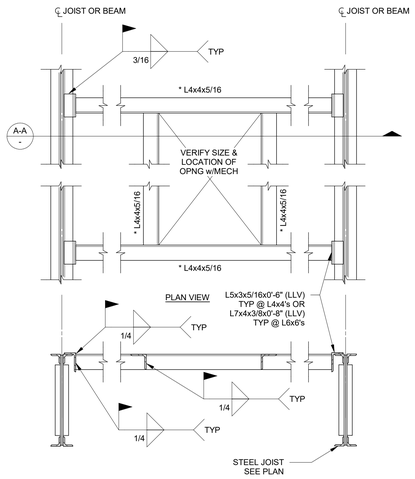
N.T.S.



NOTES:
1. WHERE OPENING IS SUPPORTED ON ALL SIDES BY STRUCTURAL STEEL FRAMING BELOW THE DECK, ONLY THE #4 DIAGONAL BARS ARE REQUIRED.
2. AT OPENINGS SMALLER THAN 12" IN BOTH DIRECTIONS, ONLY THE #4 DIAGONAL BARS ARE REQUIRED.

3 S2.4 REINF AROUND OPENINGS IN COMPOSITE SLAB DETAILS

N.T.S.

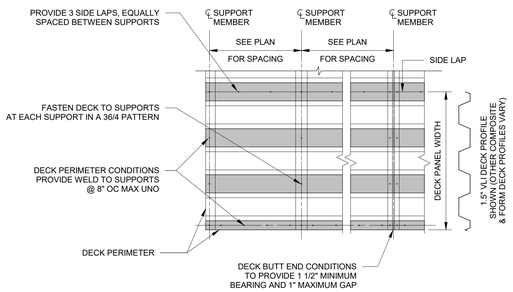


SECTION VIEW A-A

NOTES:
1. * USE L6x6x3/8 @ 8'-0" TO 10'-0" OC JOIST OR BEAM SPACING LOCATIONS.
2. * USE L6X6X3/8 @ OPENING SPANS GREATER THAN 8'-0" LOCATIONS.
3. FOR OPENINGS 8'-0" OR GREATER, CONSULT WITH STRUCTURAL ENGINEER.
4. ROOF DECK TO BE ATTACHED PER PLAN NOTES TO ALL OPENING COMPONENT MEMBERS SHOWN HERE (ROOF DECK NOT SHOWN IN THESE VIEWS).
5. COMPOSITE DECK TO BE ATTACHED PER PLAN NOTES TO ALL OPENING COMPONENT MEMBERS SHOWN HERE (COMPOSITE DECK NOT SHOWN IN THESE VIEWS).
6. PROVIDE DECK CLOSURE PERIMETER OF OPENINGS IN COMPOSITE SLAB.

4 S2.4 TYP DECK OPENING DETAIL

N.T.S.



NOTES:
1. ALL WELDS ARE 5/8"Ø PUDDLE WELDS UNO, WELDING WASHERS SHALL BE USED WHEN WELDING STEEL DECK IF MATERIAL THICKNESS IS LESS THAN 22 GA.
2. ALL SIDE LAPS TO BE SEAM WELDS.
3. ALL INFORMATION GIVEN HERE IS TYPICAL UNLESS NOTED OTHERWISE ON PLANS. REFER TO THE ROOF FRAMING PLAN NOTES FOR ADDITIONAL INFORMATION.
4. DECK LENGTH TO BE A MINIMUM OF 3 SPANS BETWEEN SUPPORTS.

5 S2.4 TYP COMPOSITE OR FORM FLOOR DECK ATTACHMENT DETAIL

N.T.S.

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TYPICAL DETAILS

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S2.4

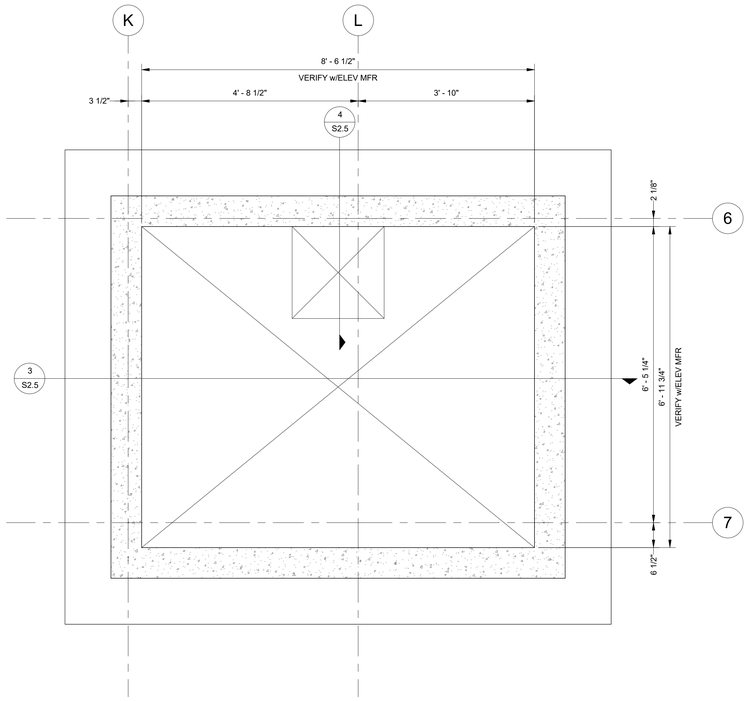
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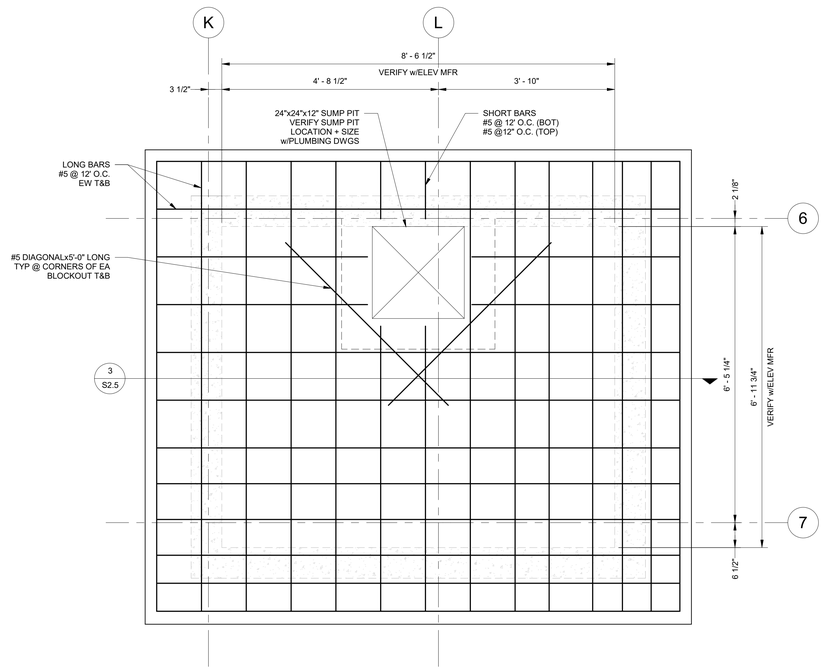
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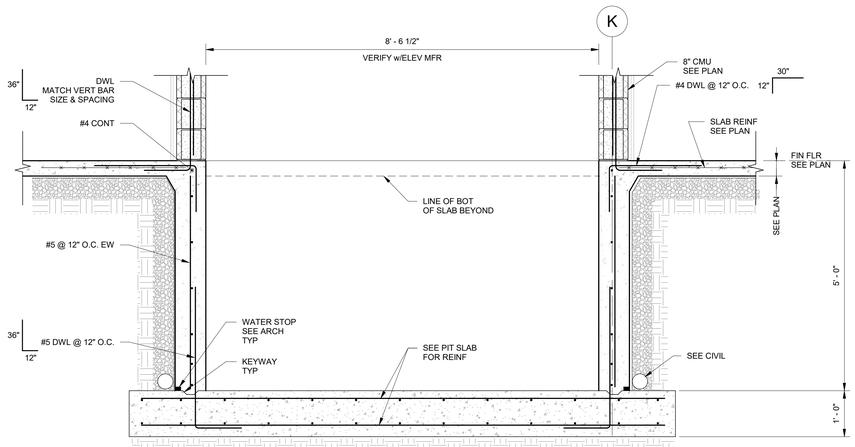
1 S2.5 ELEVATOR PIT PLAN

3/4" = 1'-0"



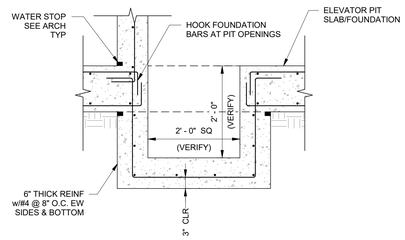
2 S2.5 ELEVATOR SLAB DETAIL

3/4" = 1'-0"



3 S2.5 ELEVATOR PIT DETAIL

3/4" = 1'-0"



4 S2.5 ELEVATOR SUMP PIT DETAIL

3/4" = 1'-0"

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ELEVATOR DETAILS

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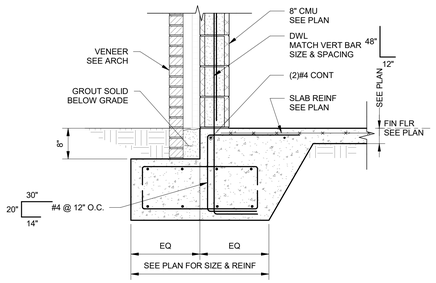
S2.5

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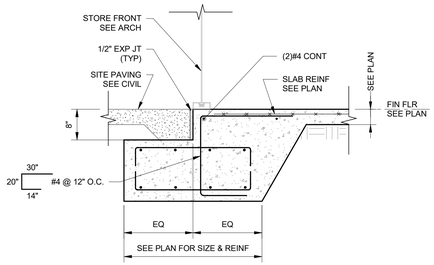
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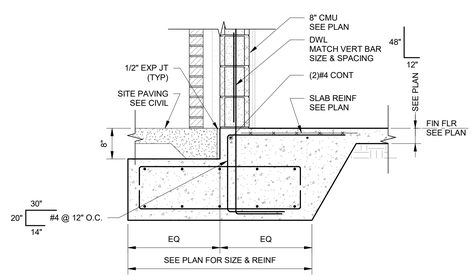
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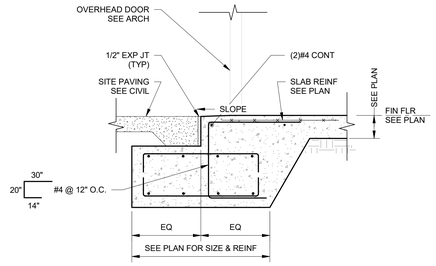
1 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



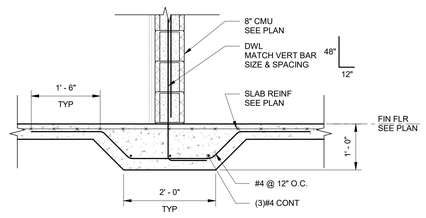
2 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



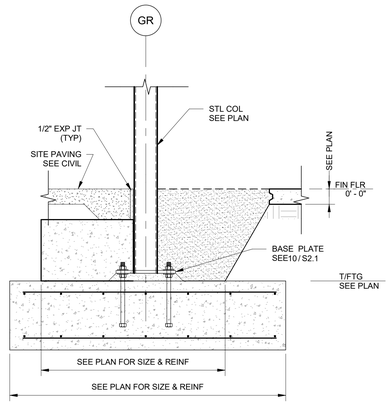
3 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



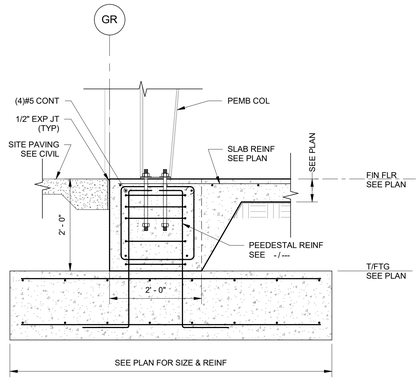
4 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



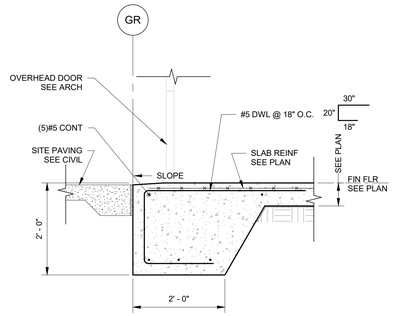
5 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



6 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



7 S3.1 FOUNDATION SECTION
3/4" = 1'-0"



8 S3.1 FOUNDATION SECTION
3/4" = 1'-0"

LIVE OAK ENGINEERING
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BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

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Charla E Chapman
781E8930054404...
4/7/2026

SLIDELL POLICE DEPARTMENT
CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM.
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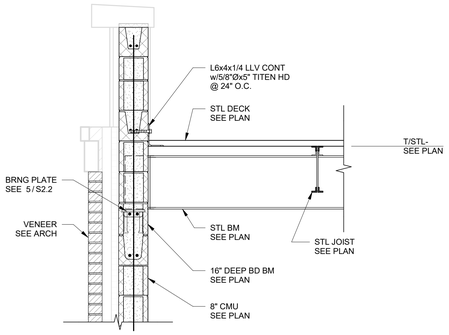
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

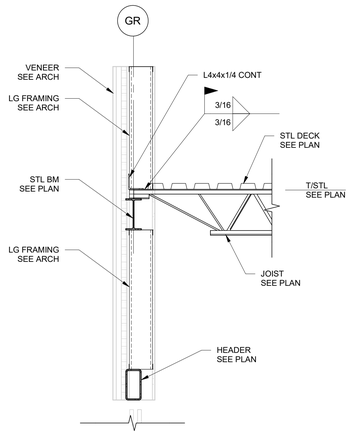
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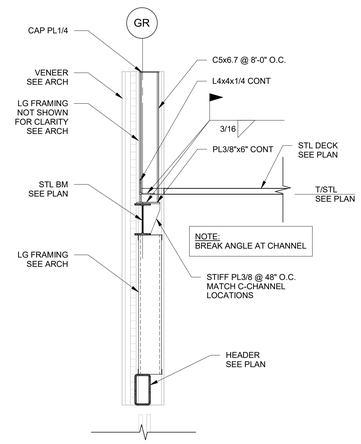
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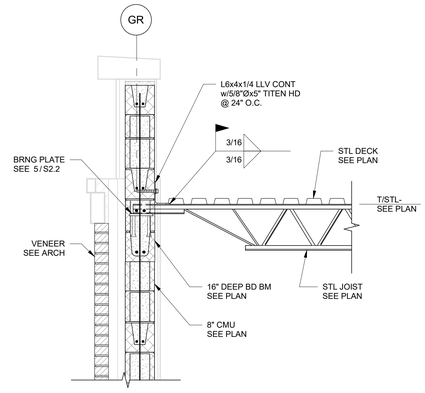
1 S3.2 FRAMING SECTION
3/4" = 1'-0"



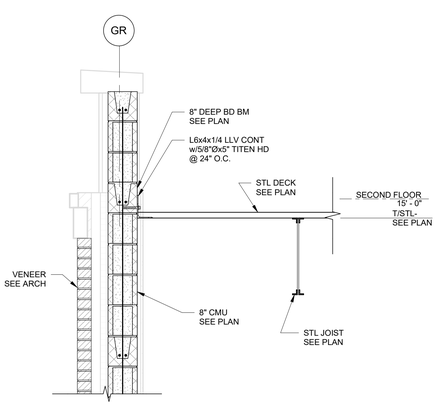
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3/4" = 1'-0"



3 S3.2 FRAMING SECTION
3/4" = 1'-0"



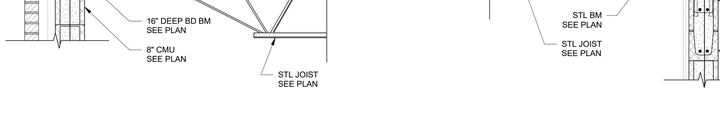
4 S3.2 FRAMING SECTION
3/4" = 1'-0"



5 S3.2 FRAMING SECTION
3/4" = 1'-0"

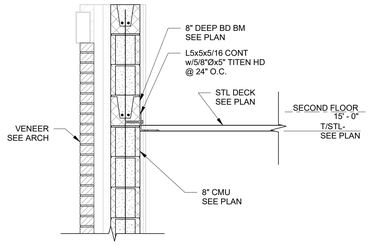


6 S3.2 FRAMING SECTION
3/4" = 1'-0"

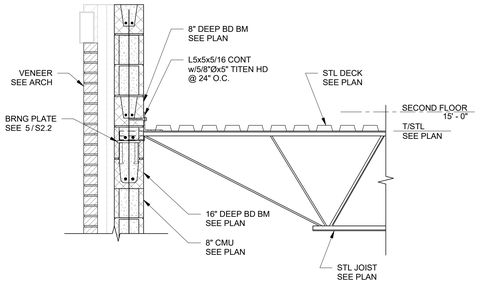


7 S3.2 FRAMING SECTION
3/4" = 1'-0"

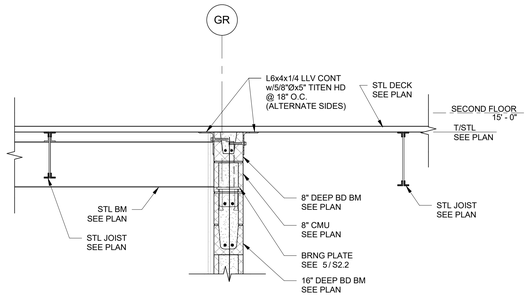
8 S3.2 FRAMING SECTION
3/4" = 1'-0"



9 S3.2 FRAMING SECTION
3/4" = 1'-0"



10 S3.2 FRAMING SECTION
3/4" = 1'-0"



11 S3.2 FRAMING SECTION
3/4" = 1'-0"

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LA COA#: EF.0004697
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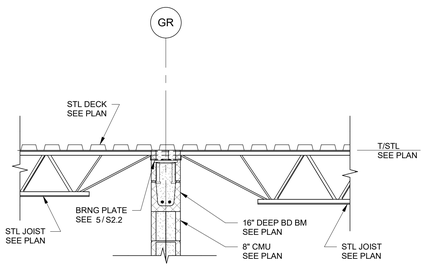
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PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

S3.2

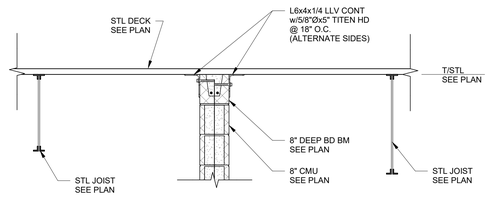
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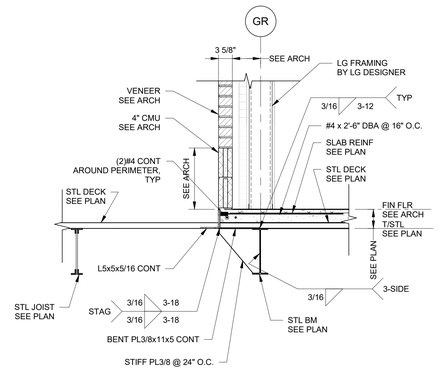
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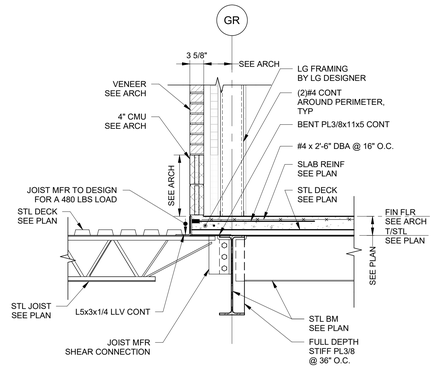
1 S3.3 FRAMING SECTION
3/4" = 1'-0"



2 S3.3 FRAMING SECTION
3/4" = 1'-0"



3 S3.3 FRAMING SECTION
3/4" = 1'-0"



4 S3.3 FRAMING SECTION
3/4" = 1'-0"

5 S3.3 FRAMING SECTION
3/4" = 1'-0"

6 S3.3 FRAMING SECTION
3/4" = 1'-0"

7 S3.3 FRAMING SECTION
3/4" = 1'-0"

8 S3.3 FRAMING SECTION
3/4" = 1'-0"

9 S3.3 FRAMING SECTION
3/4" = 1'-0"

10 S3.3 FRAMING SECTION
3/4" = 1'-0"

11 S3.3 FRAMING SECTION
3/4" = 1'-0"

12 S3.3 FRAMING SECTION
3/4" = 1'-0"

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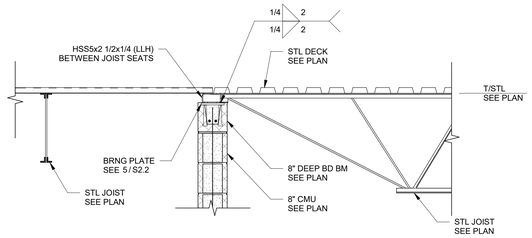
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PROJECT NO: 0315.23.001
DRAWN BY: CJM,
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S3.3

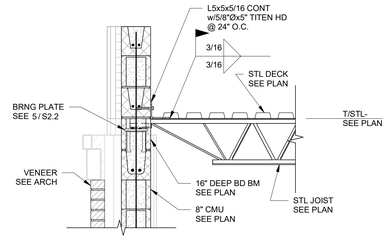
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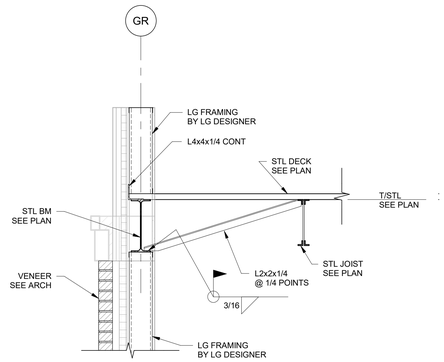
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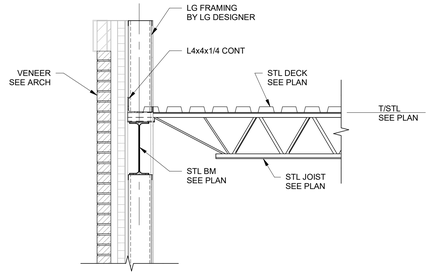
1 S3.4 FRAMING SECTION
3/4" = 1'-0"



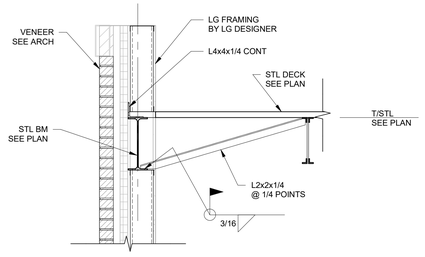
2 S3.4 FRAMING SECTION
3/4" = 1'-0"



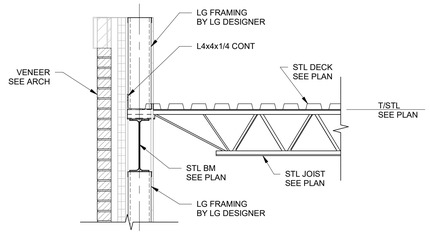
3 S3.4 FRAMING SECTION
3/4" = 1'-0"



4 S3.4 FRAMING SECTION
3/4" = 1'-0"



5 S3.4 FRAMING SECTION
3/4" = 1'-0"



6 S3.4 FRAMING SECTION
3/4" = 1'-0"

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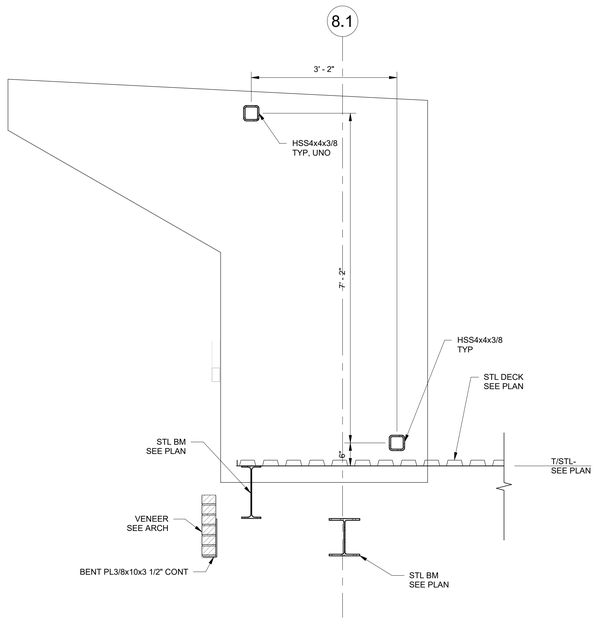
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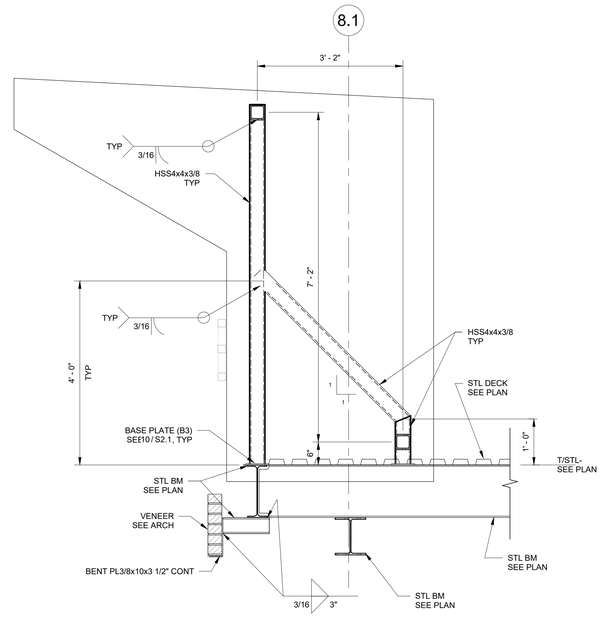
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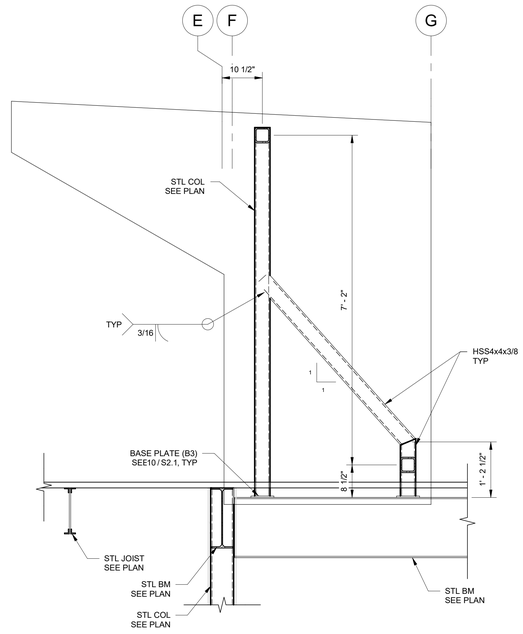
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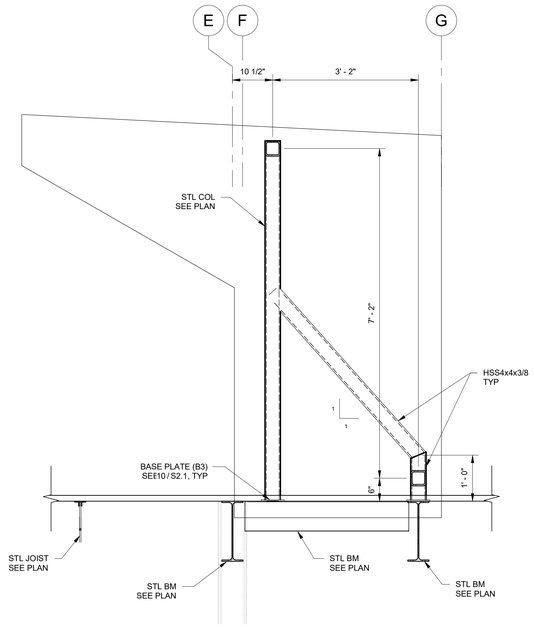
1 S3.5 FRAMING SECTION
3/4" = 1'-0"



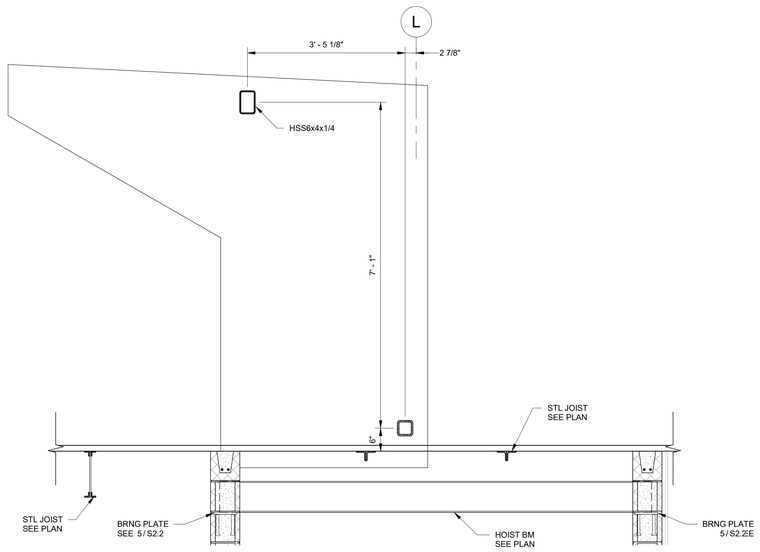
2 S3.5 FRAMING SECTION
3/4" = 1'-0"



3 S3.5 FRAMING SECTION
3/4" = 1'-0"



4 S3.5 FRAMING SECTION
3/4" = 1'-0"



5 S3.5 FRAMING SECTION
3/4" = 1'-0"

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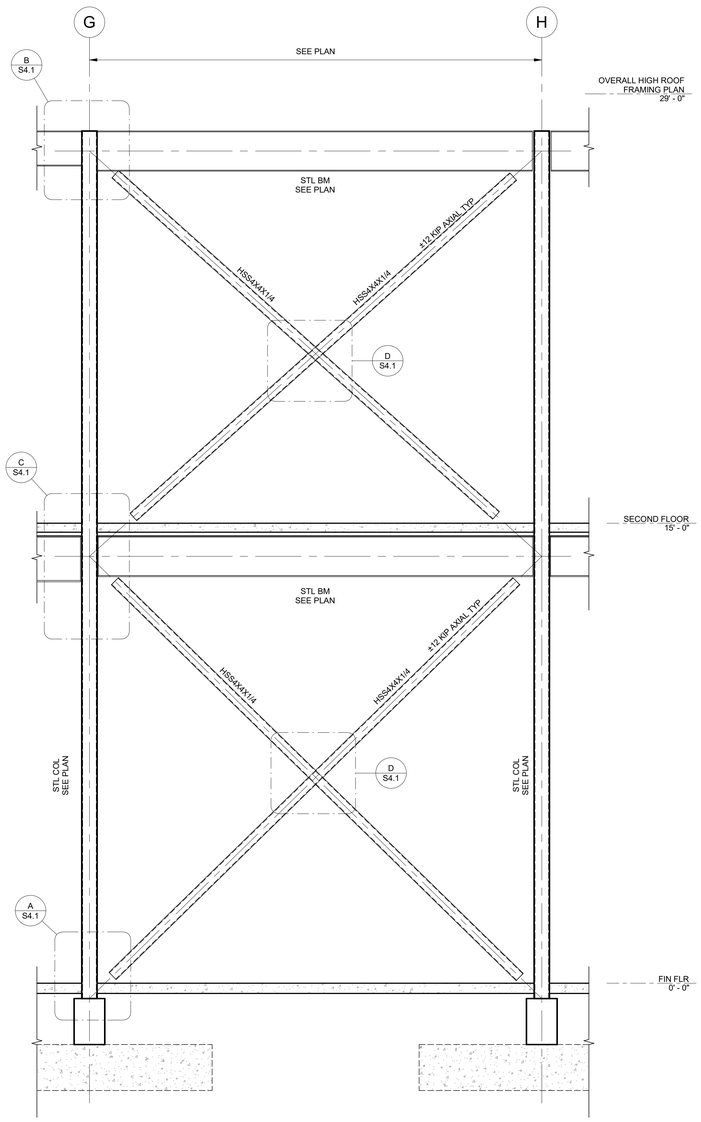
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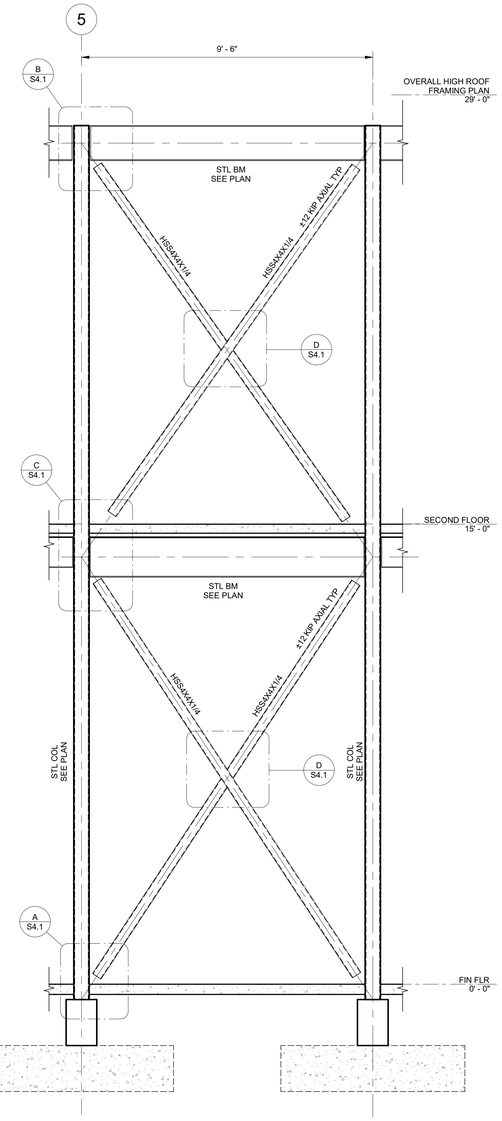
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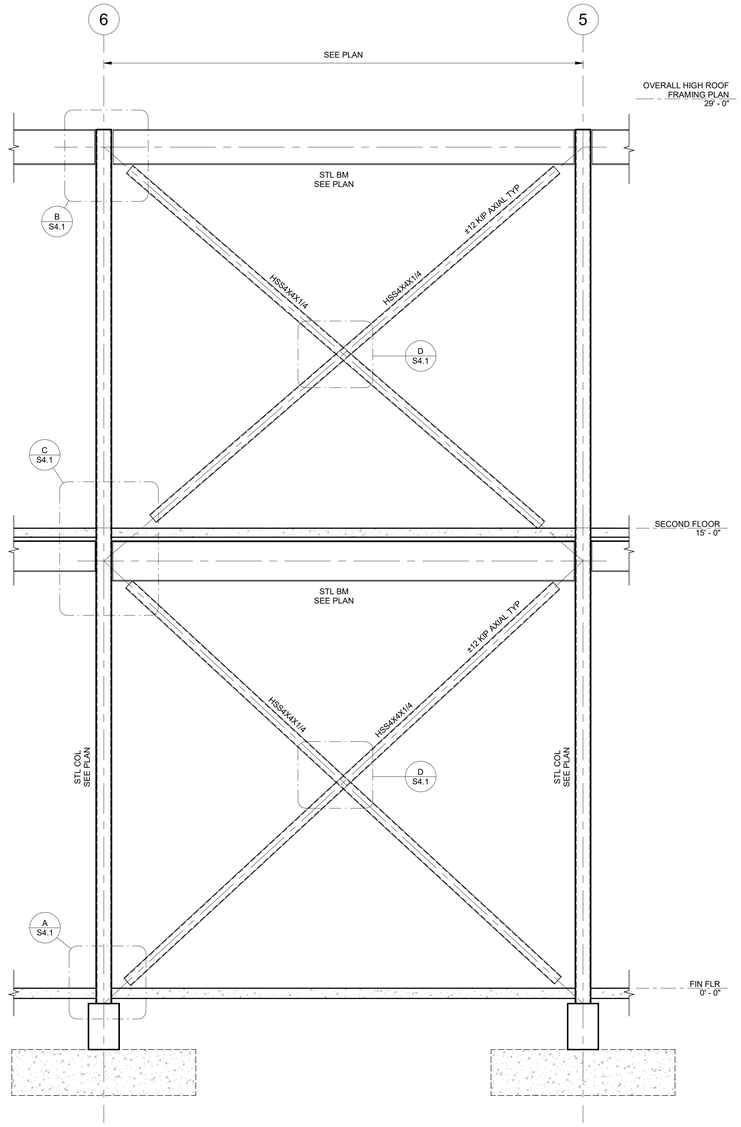
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1 S4.1 ELEVATION
1/2" = 1'-0"

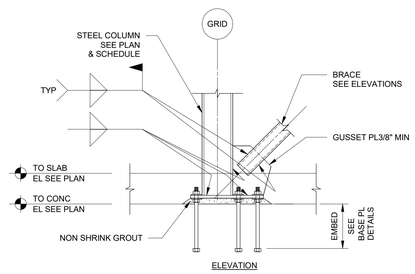


2 S4.1 ELEVATION
1/2" = 1'-0"

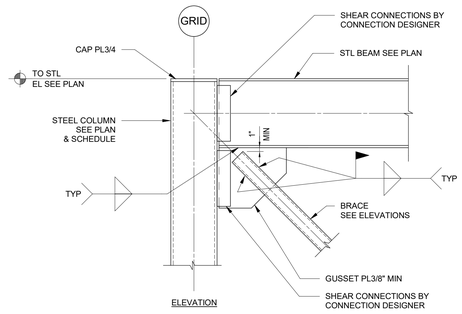


3 S4.1 ELEVATION
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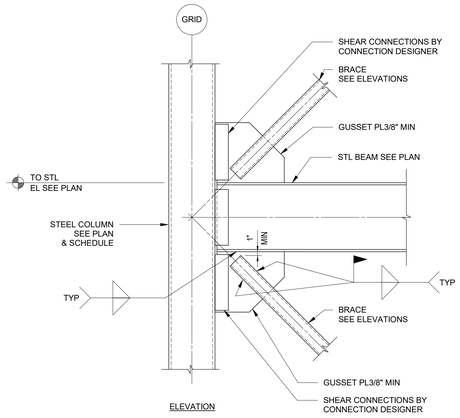
BRACING NOTES:
1. MEMBER DESIGN FORCES SHOWN ( ) ARE SERVICE LEVEL (UNFACTORED) PER INTERNATIONAL BUILDING CODE ALLOWABLE STRESS DESIGN LOAD COMBINATIONS
   + DENOTES TENSION
   - DENOTES COMPRESSION
2. ALL FIELD CONNECTIONS SHALL BE WELDED. FIELD BOLTING w/ 3/4" DIA. A-325 BOLTS SHALL BE ALLOWED FOR ERECTION PURPOSES ONLY.
3. ALL SHOP CONNECTIONS SHALL BE WELDED.
4. BRACING CONNECTIONS SHALL BE DESIGNED FOR THE FULL DESIGN AXIAL FORCE AS SHOWN.
5. LAY OUT MEMBERS SO THAT NEUTRAL AXIS OR GAGE LINES OF MEMBERS INTERSECT AT PANEL POINTS AND WORKING POINTS.
6. AT EXPOSED BRACING LOCATIONS AND AS INDICATED IN THE BRACED BAY DETAILS, ALL STEEL AND CONNECTIONS SHALL BE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS).
7. COAT ALL COLUMNS, BASE PLATES, BRACES AND ANCHOR RODS WITH BITUMASTIC COAL-TAR EPOXY POLYAMIDE BELOW FINISHED FLOOR, TYPICAL. SEE SPECIFICATIONS.



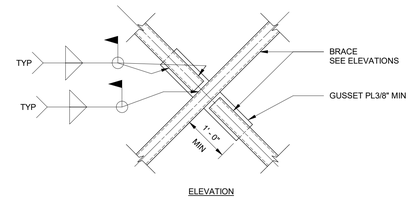
A S4.1 VERTICAL BRACE BASE PL DETAIL
N.T.S.



B S4.1 VERTICAL BRACE CONNECTION DETAIL
N.T.S.



C S4.1 VERTICAL BRACE CONNECTION DETAIL
N.T.S.



D S4.1 VERTICAL BRACE CONNECTION DETAIL
N.T.S.

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DocuSigned by:
Charles E. Chapman
-7815E933054A404...
4/7/2026

SLIDELL POLICE DEPARTMENT
CITY OF SLIDELL, LOUISANA
911 ROBERT BLVD, SLIDELL, LA 70458

ELEVATIONS AND DETAILS

NO.	DATE	REVISION/ SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: CJM,
CHECKED BY:

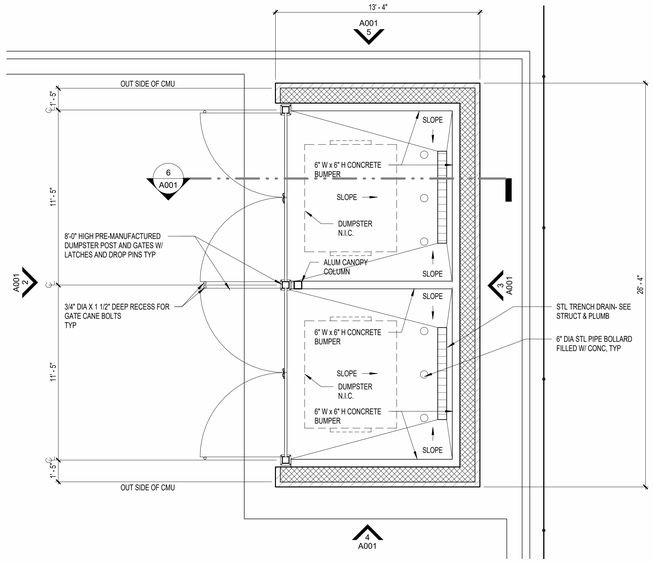
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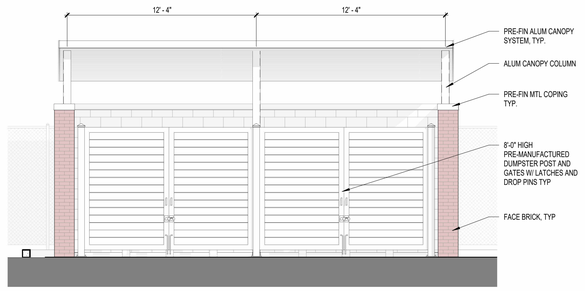
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BIRMINGHAM, AL 35233
205.637.3115
LA COA#: EF.0004697
LOE PROJECT #: 144-64

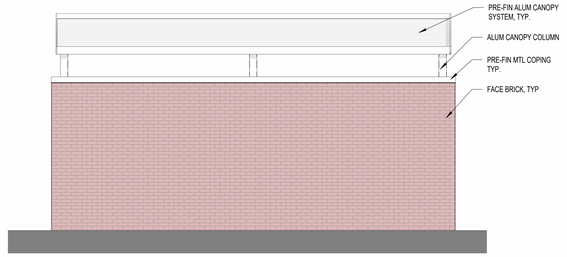
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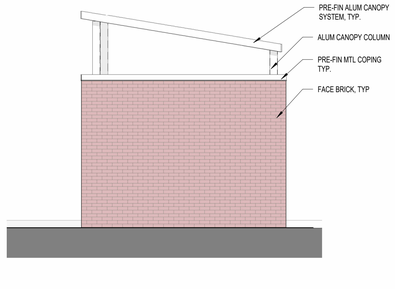
1 A001 DUMPSTER ENCLOSURE PLAN
1/4" = 1'-0"



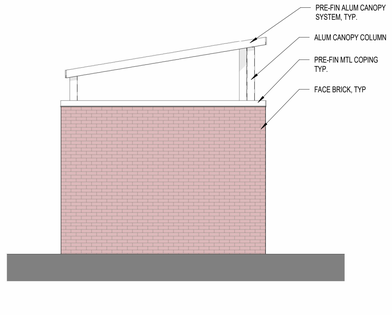
2 A001 DUMPSTER ELEVATION 1
1/4" = 1'-0"



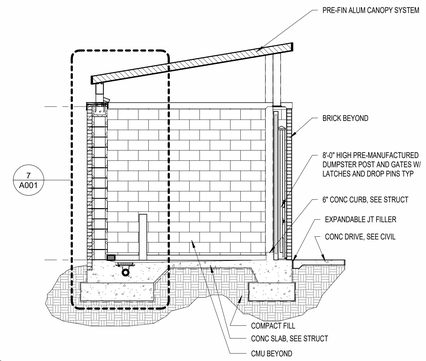
3 A001 DUMPSTER ELEVATION 2
1/4" = 1'-0"



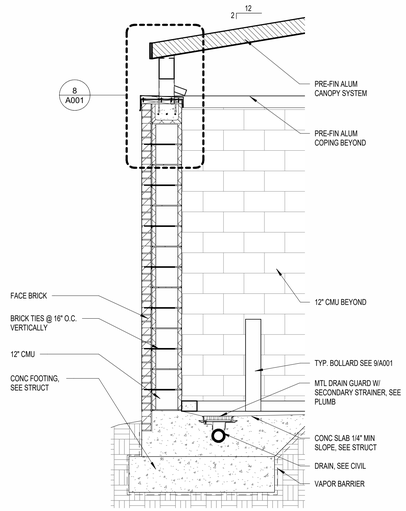
4 A001 DUMPSTER ELEVATION 3
1/4" = 1'-0"



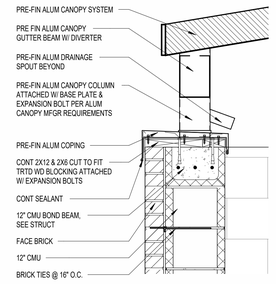
5 A001 DUMPSTER ELEVATION 4
1/4" = 1'-0"



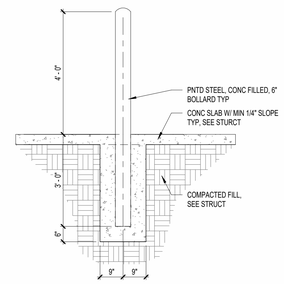
6 A001 DUMSPTER ENCLOSURE BUILDIN SECTION
1/4" = 1'-0"



7 A001 DUMPSTER ENCLOSURE WALL SECTION
1/2" = 1'-0"



8 A001 DUMPSTER ENCLOSURE DETAIL
1" = 1'-0"



9 A001 BOLLARD DETAIL
1/2" = 1'-0"

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9107
REGISTERED ARCHITECT
STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ, CG
CHECKED BY: BAJ

DUMPSTER ENCLOSURE PLAN AND DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A001

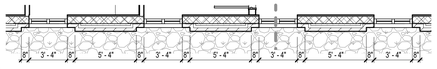
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GENERAL SHEET NOTES AND LEGEND

1. LOAD BEARING CMU WALL: SEE STRUCTURAL
2. SECURITY CMU WALL TO DECK
3. 1 HOUR RATED CMU WALL TO DECK
4. 1 HOUR RATED LOAD BEARING CMU WALL: SEE STRUCTURAL

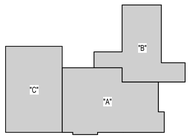


2 / A101 ENLARGED DIM PLAN AT FRONT WDWS
3/16" = 1'-0"



1 / A101 FIRST FLOOR MAIN BUILDING - DIMENSION PLAN
3/32" = 1'-0"

KEY PLAN



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STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

FIRST FLOOR MAIN BUILDING - DIMINSIONED PLAN

NO.	DATE	REVISION / SUBMITTAL
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BUILDING AREA SCHEDULE

Name	Area
FIRST FLOOR MAIN BUILDING	35112 SF
OUT BUILDING	2402 SF
SECOND FLOOR MAIN BUILDING	6399 SF

Grand total: 3

GENERAL ABBREVIATIONS

A/V D-C	AUDIO VISUAL DOOR CONTROLS - SEE OPENING SCHEDULE
BB	BACKERBOARD, PAINT; SEE ELEC
SP	SLAB PENETRATIONS; SEE ELEC
SVTV	"SECUREVIEW" TAMPER-RESISTANT POLYCARBONATE HOUSING TV'S LOCATED IN JAIL DAY ROOMS
SVTV	TELEVISION - OWNER FURNISHED OWNER INSTALLED (O.F.O.I.)

FLOOR PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS; IF DIMENSIONS ARE IN QUESTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
2. ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE STUD TO FACE OF STUD OR FACE OF MASONRY TO FACE OF MANSONRY U.N.O.
3. ALL EXTERIOR DIMENSIONS ARE TAKEN TO OUTSIDE FACE OF MASONRY TO OUTSIDE FACE OF MANSONRY U.N.O.
4. NOT ALL STRUCTRUAL GRID LINES ARE SHOWN FOR CLARITY. REFER TO STRUCT FOR A COMPLETE DEPICTION OF GRID LINES.
5. ALL DOORS ARE SHOWN 4" OFF OF ADJACENT WALL UNLESS NOTED OTHERWISE. CONTRACTOR SHALL MAINTAIN ALL ADA CLEARANCES AT DOORS. SOME TYPICAL ARRANGEMENTS ARE SHOWN ON SHEET G200.
6. SEE ENLARGED FLOOR PLANS FOR ANY ACCESSORY SCHEDULES AND TYPICALL MOUNTING HEIGHTS AND SIZES.
7. SEE PARTITION KEY PLAN FOR PARTITION TYPES. PARTITION TYPES ABOVE AND BELOW INTERIOR OPENINGS ARE TO BE THE SAME AS THE ADJACENT PARTITION TYPE UNLESS NOTED OTHERWISE. SEE PARTITION TYPES FOR SPECIFIC WALL TYPE CONSTRUCTION. SEE WALL PARTION TYPES FOR SPECIFC UL RATINGS AS REQ.
8. SEE LIFE SAFETY FLOOR PLANS FOR LOCATIONS OF RATED WALL PARTITIONS.
9. SEE LIFE SAFETY FLOOR PLANS FOR DIMENSIONED LOCATIONS OF FIRE EXTINGUISHER CABINETS AND FIRE EXTINGUISHER CABINET DETAILS.
10. SEE EXTERIOR ELEVATIONS FOR POSITIONING OF MECHANICAL GRILLES AND LOUVERS IN EXTERIOR WALLS.
11. LOAD BEARING CMU WALL; SEE STRUCTURAL
12. SECURITY CMU WALL TO DECK
13. 1 HOUR RATED CMU WALL TO DECK
14. 1 HOUR RATED LOAD BEARING CMU WALL; SEE STRUCTURAL

1 A102 FIRST FLOOR MAIN BUILDING - CALLOUT PLAN
3/32" = 1'-0"

VEHICAL PROCESSING BUILDING ALTERNATE "D"

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911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO: 0315.23.001
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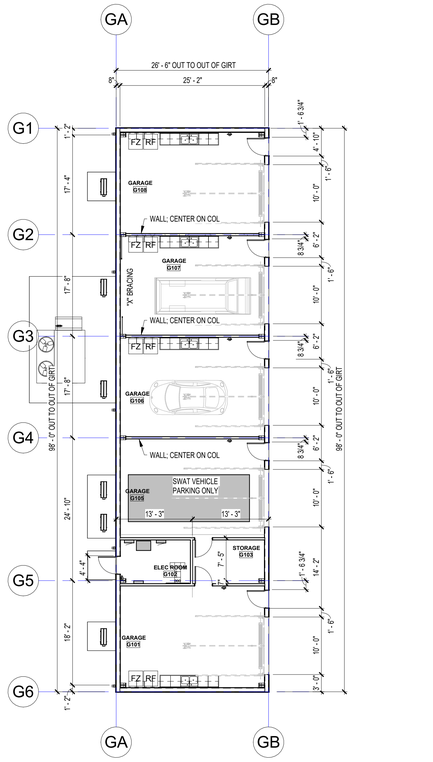
FIRST FLOOR MAIN BUILDING - CALLOUT PLAN

NO.	DATE	REVISION / SUBMITTAL
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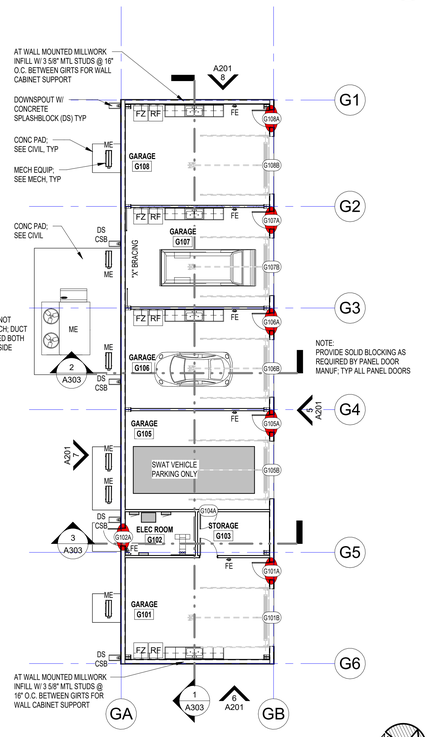
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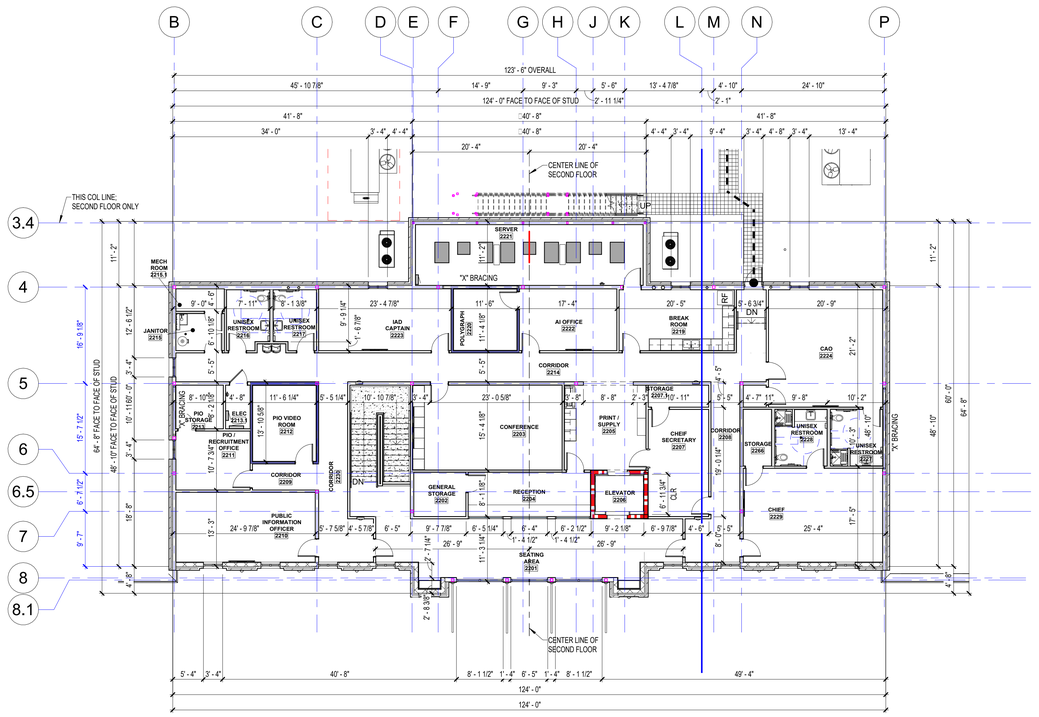


4 / A103 VEHICAL PROCESSING BUILDING - DIMENSION PLAN
3/32" = 1'-0"

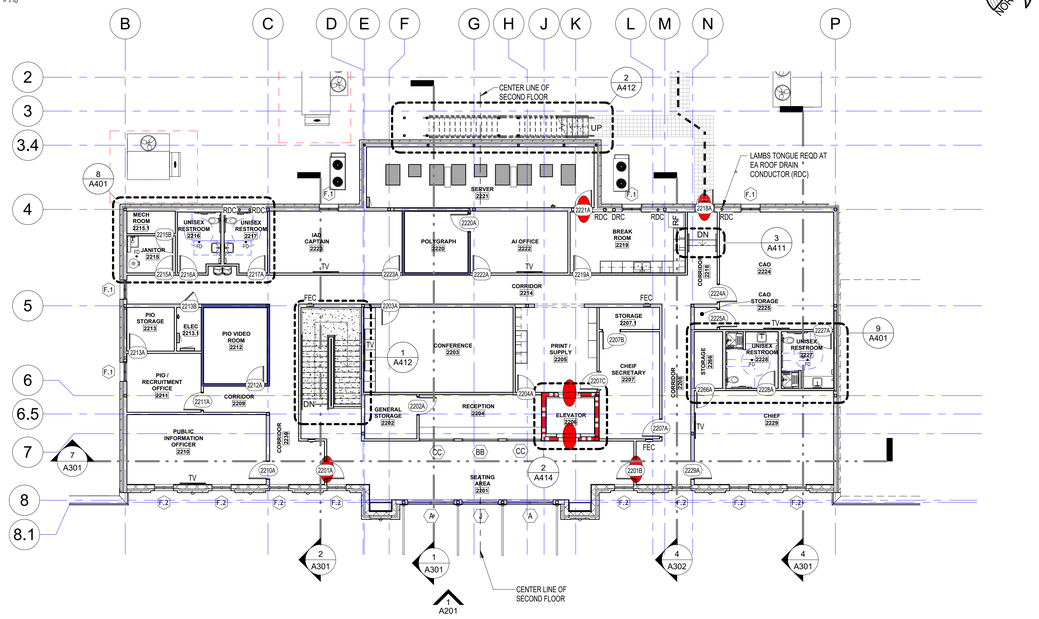


5 / A103 VEHICAL PROCESSING BUILDING - CALLOUT PLAN
3/32" = 1'-0"

ALTERNATE #1



1 / A103 SECOND FLOOR MAIN BUILDING - DIMENSION PLAN
3/32" = 1'-0"



2 / A103 SECOND FLOOR MAIN BUILDING - CALLOUT PLAN
3/32" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO:0315.23.001
DRAWN BY: MAJ,
CHECKED BY:BAJ

SECOND FLOOR MAIN BUILDING AND VEHICAL PROCESSING BUILDING - DIMENSION, AND CALLOUT PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

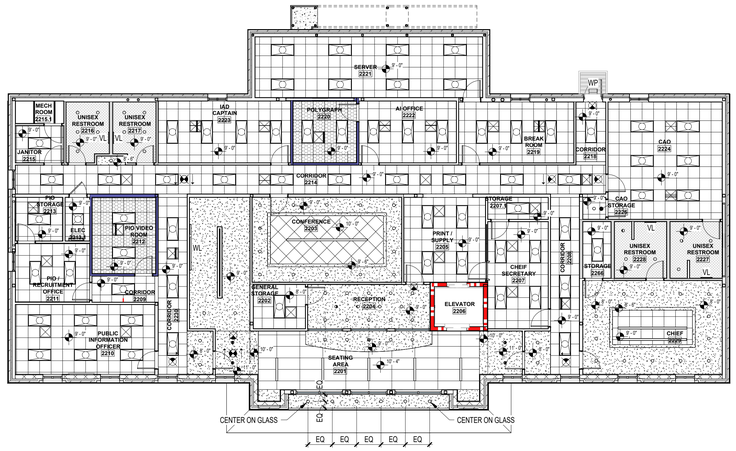
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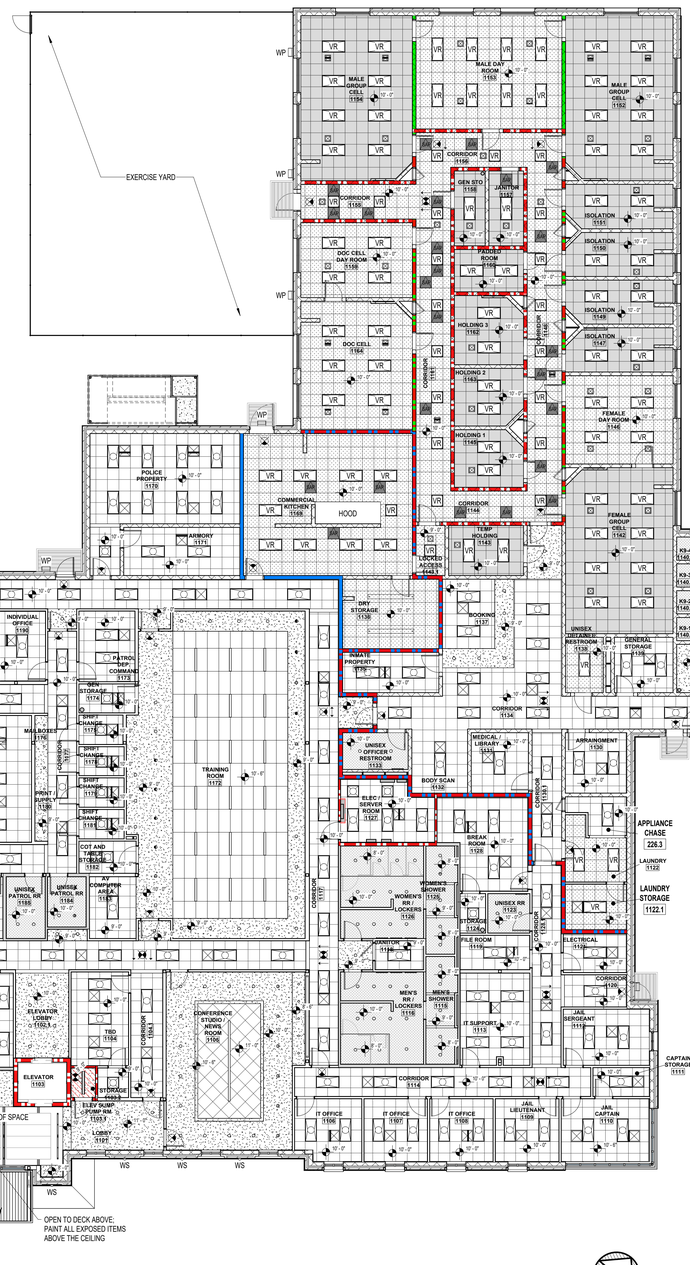
RCP GENERAL NOTES

1. SEE SHEET A112 FOR:
   - A. REFLECTED CEILING PLAN GENERAL NOTES
   - B. REFLECTED CEILING PLAN GRAPHIC LEGEND
   - C. REFLECTED CEILING PLAN LEGEND



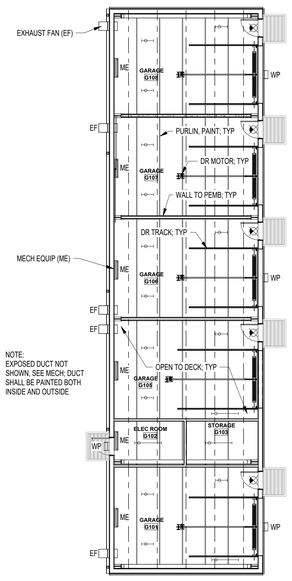
2 / A111 SECOND FLOOR MAIN BUILDING REFLECTED REFLECTED CEILING PLAN - OVERALL

3/32" = 1'-0"



1 / A111 FIRST FLOOR MAIN BUILDING REFLECTED CEILING PLAN - OVERALL

3/32" = 1'-0"

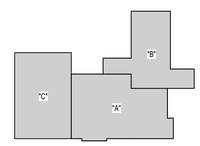


3 / A111 VEHICAL PROCESSING BUILDING REFLECTED CEILING PLAN

3/32" = 1'-0"

ALTERNATE #1

VEHICAL PROCESSING BUILDING ALTERNATE "D"



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FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ, CG
CHECKED BY: BAJ

FIRST AND SECOND FLOOR REFLECTED CEILING PLAN - OVERALL

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A111

VERIFY SCALES
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1 / A112 FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION A

3/16" = 1'-0"

RCP GENERAL NOTES

1. SEE MECHANICAL AND ELECTRICAL SHEETS TO VERIFY SIZE, TYPE, NUMBER, AND LOCATION OF FIXTURES.
2. ALL LIGHTS AND GRILLS TO BE CENTERED WITHIN 2X2 GRID TYP.
3. WHERE LAY-IN-ACOUSTICAL TILE UNITS LESS THAN 6" WIDE OCCUR AT EDGES OF THE ROOM PROVIDE 24X48 INCH PANELS CUT TO EXTEND TO WALL, ELIMINATING THE TEE NEAR THE WALL.
4. PROVIDE MOISTURE, MOLD, AND MILDEW RESISTANT GYPSUM BOARD AT RESTROOMS.
5. VANITY FIXTURES TO BE CENTERED OVER LAV, TYP.
6. SEE ELECTRICAL FOR ALL SECURITY ITEMS INCLUDING BUT NOT LIMITED TO, EQUIPMENT, DEVICES, CAMERAS, CATV LOCATIONS, RACEWAYS, ACCESS PANELS FOR SECURITY ITEMS, DOOR CONTROLS, AUDIO, VIDEO, UTILITY, ETC.
7. PROVIDE 2X6 MINIMUM BLOCKING IN CEILINGS, FURR DOWNS AND WALLS FOR TV'S.
8. PROVIDE 2X6 MINIMUM BLOCKING IN CEILINGS, FURR DOWNS AND WALLS FOR SECURITY MONITORS IN THE JAIL AREA.
9. INTERIOR CAMERA LOCATIONS NOT SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS. SEE SHEET E143 FOR INTERIOR CAMERA LOCATIONS.

REFLECTED CEILING PLAN GRAPHIC LEGEND

NOTE: SEE ELECTRICAL FOR SPECIFIC LIGHT FIXTURE SCHEDULING. FIXTURE SYMBOLS AND GRAPHICS MAY VARY FROM THOSE SHOWN ON ELEC DWGS.

- 2X4 LAY IN LIGHT FIXTURE
- 2X2 LAY IN LIGHT FIXTURE
- WALL MOUNTED LIGHT
- WALL LIGHT (WL); SEE STAIR 1248 / 2231
- CAN DOWNLIGHT; SIZE MAY VERY, SEE ELEC FOR SIZE AS SCHED
- SUSPENDED FIXTURE, SIZE MAY VARY, SEE ELEC FOR SIZE AS SCHED AND VERIFY MOUNTING HEIGHT WITH ARCHITECT.
- 24" X 24" SECURE ACCESS PANEL (SAP) LOCATION SHOW IS APPROXIMATE; FIELD COORDINATE FINAL LOCATION; SEE MECH
- 2X4 LAY IN LIGHT FIXTURE; VANDAL RESISTANT (VR)
- 2X2 LAY IN LIGHT FIXTURE; VANDAL RESISTANT (VR)
- VANITY LIGHT (VL); CENTER OVER LAVATORY
- HVAC SUPPLY
- HVAC RETURN
- SUSPENDED FIXTURE, SIZE MAY VARY, SEE ELEC FOR SIZE AS SCHED. MOUNT LIGHT AT 16'-0" ABOVE FINISH FLOOR.
- WALL SCONCE (WS); SEE ELEC FOR SIZE AS SCHED
- EXTERIOR WALL PACK (WP); SEE ELEC
- EXIT SIGN; SEE ELEC FOR ADDITIONAL INFORMATION

RCP HATCH LEGEND

- GYP-1
- GYP-2 MOISTURE RES GYP BD W/ 5 1/2" SOUND ATTENUATION BATT INSULATION
- GYP-3 FIRE RATED
- ALUM CANOPY *DIRECTION OF HATCH VARIES
- ACT-1 (2X2)
- ACT-1 (2X2) W/ 5 1/2" SOUND ATTENUATION BATT INSULATION
- ACT-2 (BarrierDek) LENGTH PER MANUF
- ACT-3 (SecureDek) 2X2 GRID
- ACT-4 (2X4)
- SEE SHEET A702 FOR INFORMATION
- SEE SHEET A702 FOR INFORMATION
- EXPOSED STRUCTURE

NORTH

VEHICAL PROCESSING BUILDING ALTERNATE "D"

NORTH

KEY PLAN

"A" "B" "C"

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION A

NO.	DATE	REVISION / SUBMITTAL
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A112

VERIFY SCALES
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RCP GENERAL NOTES

1. SEE SHEET A112 FOR:
   - A. REFLECTED CEILING PLAN GENERAL NOTES
   - B. REFLECTED CEILING PLAN GRAPHIC LEGEND
   - C. REFLECTED CEILING PLAN LEGEND



VEHICAL PROCESSING BUILDING ALTERNATE "D"

1 / A113 FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION B
3/16" = 1'-0"

KEY PLAN



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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION B

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A113

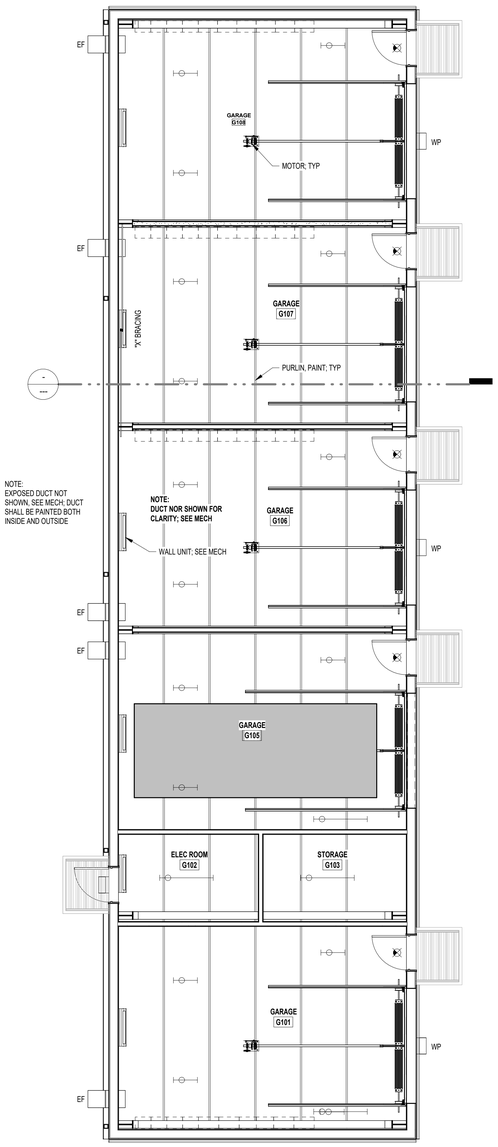
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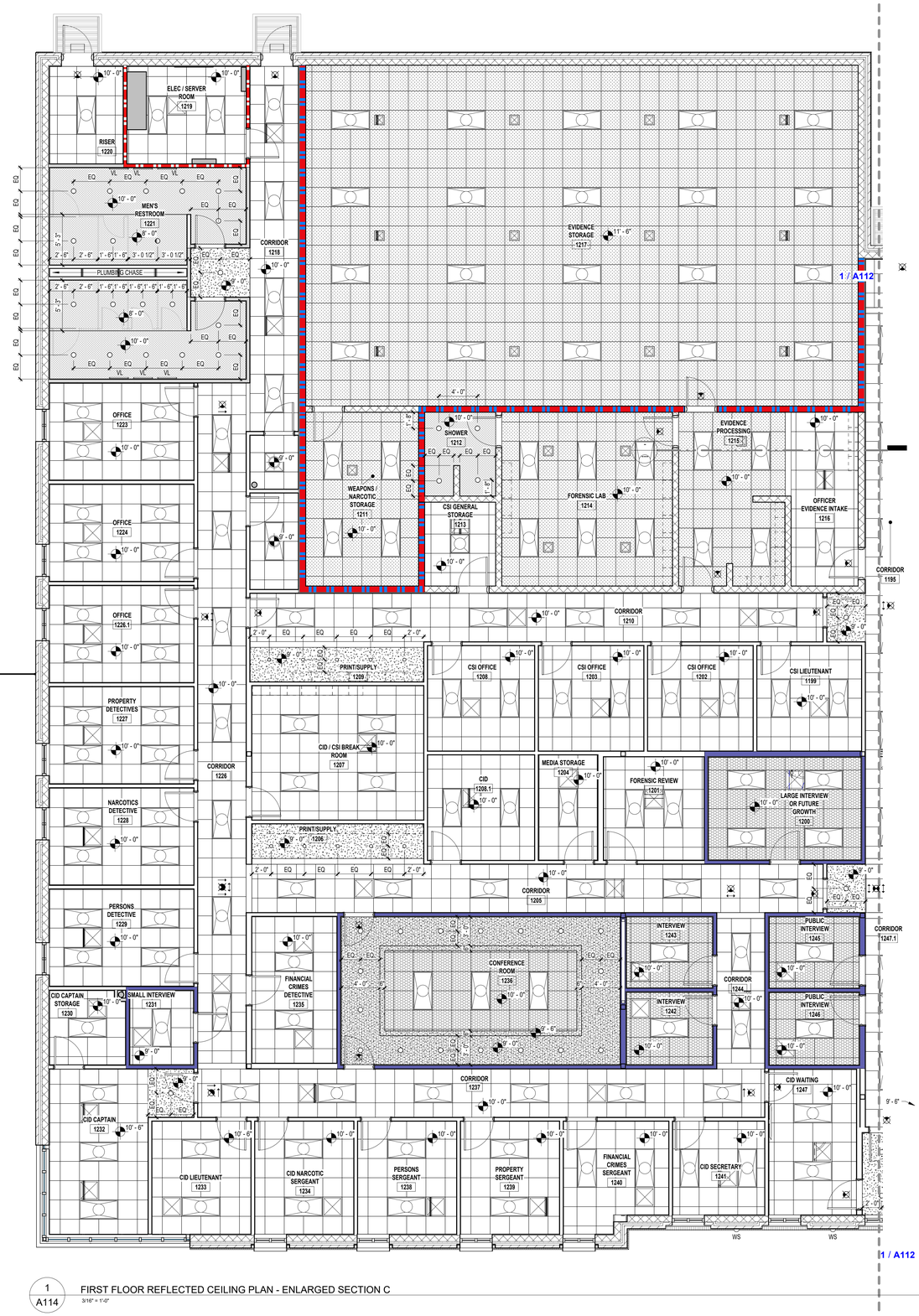
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RCP GENERAL NOTES

1. SEE SHEET A112 FOR:
   - A. REFLECTED CEILING PLAN GENERAL NOTES
   - B. REFLECTED CEILING PLAN GRAPHIC LEGEND
   - C. REFLECTED CEILING PLAN LEGEND



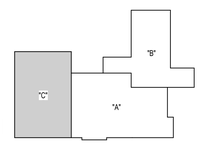
2 / A114 — FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION D
3/16" = 1'-0"



1 / A114 — FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION C
3/16" = 1'-0"

VEHICAL PROCESSING BUILDING ALTERNATE "D"

KEY PLAN



ALTERNATE #1

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REGISTERED PROFESSIONAL ENGINEER
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911 ROBERT BLVD, SLIDELL LA 70458

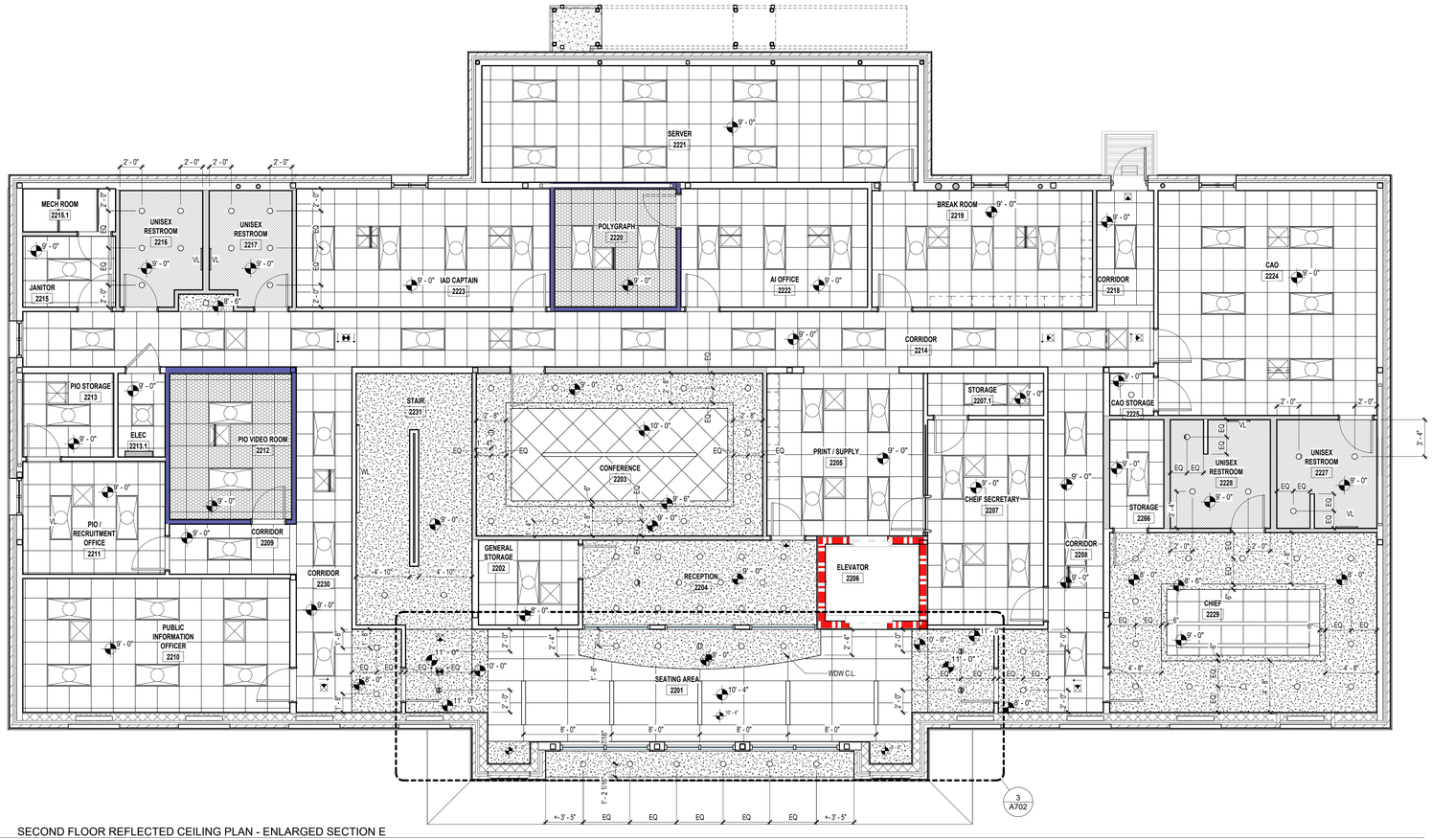
SCALE: AS INDICATED
PROJECT NO: 0315.23.001
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FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION C AND D

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A114

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1
A115

SECOND FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION E

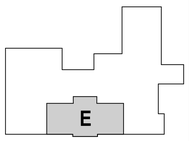
3/16" = 1'-0"

NORTH

RCP GENERAL NOTES

1. SEE SHEET A112 FOR:
   - A. REFLECTED CEILING PLAN GENERAL NOTES
   - B. REFLECTED CEILING PLAN GRAPHIC LEGEND
   - C. REFLECTED CEILING PLAN LEGEND

KEY PLAN



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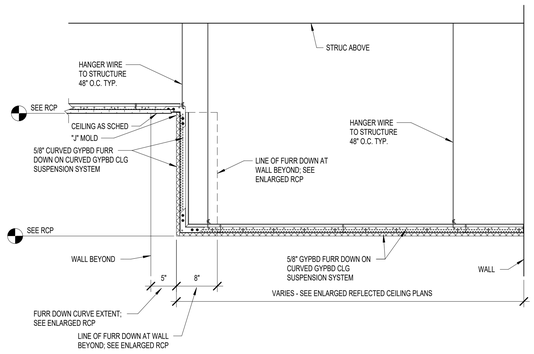
SECOND FLOOR REFLECTED CEILING PLAN - ENLARGED SECTION E

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A115

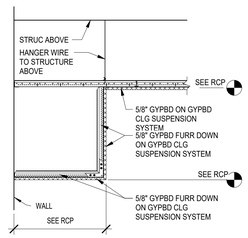
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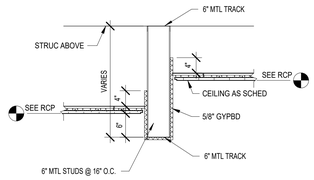
1 A116 DETAIL - CEILING FURR DOWN

1" = 1'-0"



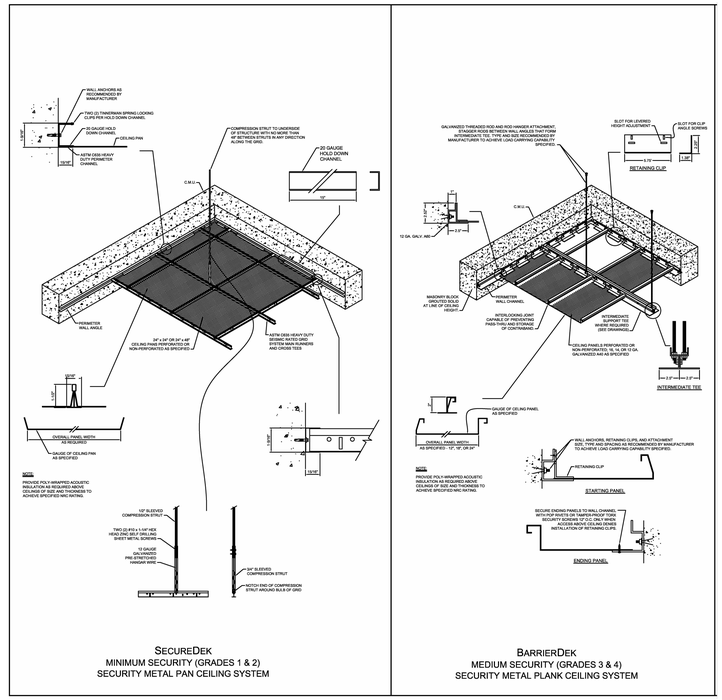
2 A116 FURR DOWN DETAIL STRAIGHT

3/4" = 1'-0"



3 A116 FURR DOWN DETAIL STUD

3/4" = 1'-0"



SECUREDEK
MINIMUM SECURITY (GRADES 1 & 2)
SECURITY METAL PAN CEILING SYSTEM

BARRIERDEK
MEDIUM SECURITY (GRADES 3 & 4)
SECURITY METAL PLANK CEILING SYSTEM

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CITY OF SLIDELL, LOUISIANA

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SCALE: AS INDICATED
PROJECT NO: 0315.23.001
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REFLECTED CEILING PLAN DETAILS

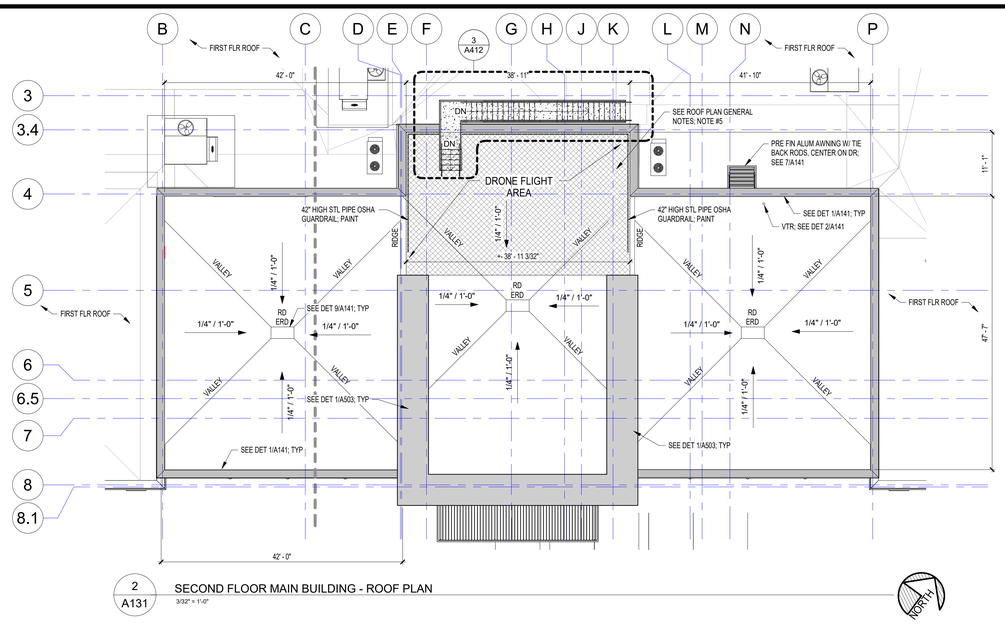
NO.	DATE	REVISION / SUBMITTAL
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4/10/2026 3:17:55 PM



2 A131 SECOND FLOOR MAIN BUILDING - ROOF PLAN

3/32" = 1'-0"

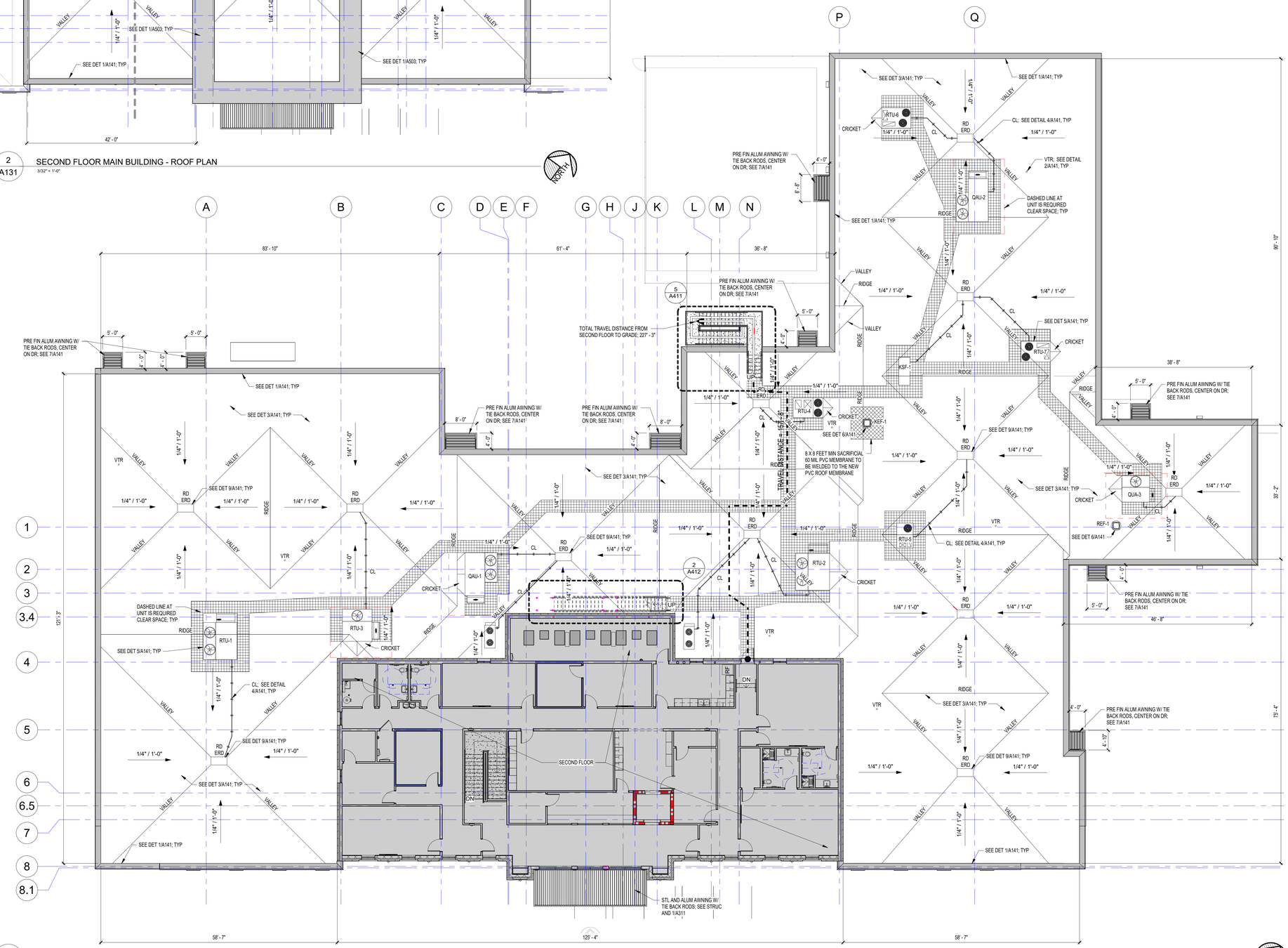
NORTH

ROOF HATCH LEGEND

- SBS / PVC HYBRID ROOF SYSTEM
- PRE FIN ALUM AWNING
- EXPANDED GALV METAL STAIR TREADS AND LANDING
- GUTTER, DOWNSPOUT WITH CONCRETE SPLASH BLOCK
- HVAC CONDENSATE LINE (CL) ON SUPPORTS SPACED MAX 4' - 0" O.C.; SEE DETAIL 4/A141
- PRE FIN PARAPET CAP
- NON SLIP CONTINUOUS WALKING COATING AT DRONE FLIGHT AREA; COLOR SHALL BE DIFFERENT THAN THE ROOF COLOR
- NON SLIP WALKING PAD; COLOR SHALL BE DIFFERENT THAN THE ROOF COLOR
- RD ERD — ROOF DRAIN EMERGENCY ROOF DRAIN

ROOF PLAN GENERAL NOTES

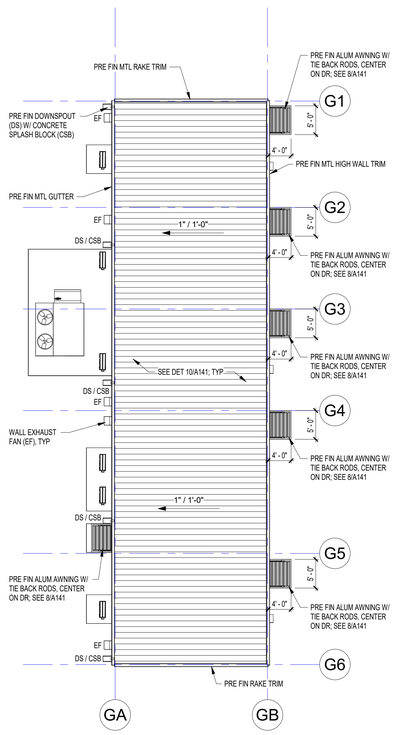
1. THIS ROOF IS A TYPICAL SBS / PVC HYBRID ROOF MEMBRANE SYSTEM. THE ROOF DETAILS SHOWN ARE TYPICAL FOR THIS TYPE OF SYSTEM. ANY MANUFACTURER DETAILS FOR THE SPECIFIED AND APPROVED ROOF MEMBRANE SYSTEM AND MATERIALS TAKE PRECEDENT OVER TYPICAL SBS / PVC HYBRID DETAILS SHOWN.
2. PROVIDE MINIMUM OF 2 INCH THICK INSULATION AT ROOF DRAINS; REFER TO CHART ON LS101, WALL SECTIONS AND ROOF DETAILS FOR ADDITIONAL INFORMATION.
3. VERIFY LOCATIONS, SIZE, AND NUMBER OF MECHANICAL, PLUMBING, AND ELECTRICAL PENETRATIONS WITH MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
4. DIMENSIONS SHOWN ARE APPROXIMATE AND FOR REFERENCE ONLY AND ARE FROM FACE TO FACE OF PARAPET WALL; CONTRACTOR SHALL FIELD VERIFY.
5. **DRONE FLIGHT AREA COATING:** EQUAL TO ALSAN RS 733 MORTAR & ALSAN RS 789 LT SHALL BE APPLIED AT THE HATCHED AREA SECOND FLOOR ROOF TO CREATE A SLIP FREE AND PROTECTED SURFACE AGAINST FOOT TRAFFIC.



3 A131 VEHICAL PROCESSING BUILDING - ROOF PLAN

3/32" = 1'-0"

NORTH



1 A131 FIRST FLOOR MAIN BUILDING - ROOF PLAN

3/32" = 1'-0"

NORTH

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911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

FIRST AND SECOND FLOOR, AND VEHICAL PROCESSING BUILDING - ROOF PLAN

NO.	DATE	REVISION / SUBMITTAL
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

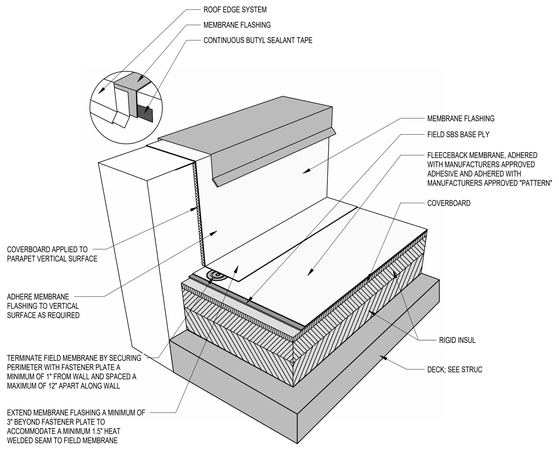
A131

VERIFY SCALES

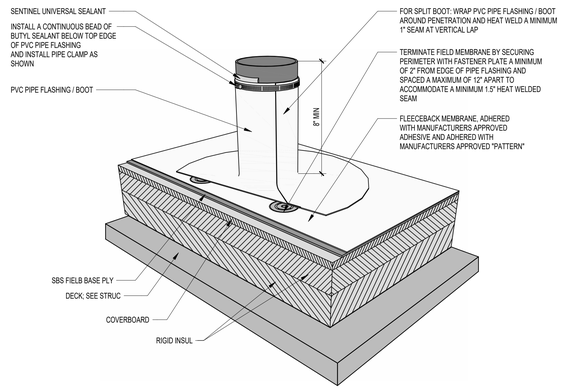
BAR IS ONE INCH ON ORIGINAL DRAWING 1"

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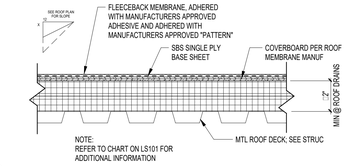
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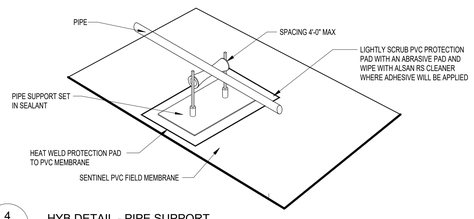
1 A141 HYB DETAIL - PARAPET WALL COPING
1" = 1'-0"



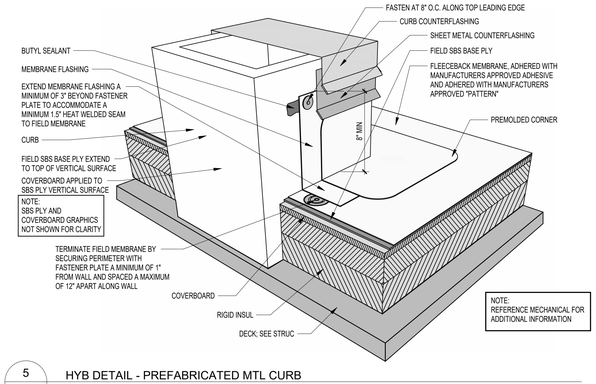
2 A141 HYB DETAIL - PLUMBING STACK
1" = 1'-0"



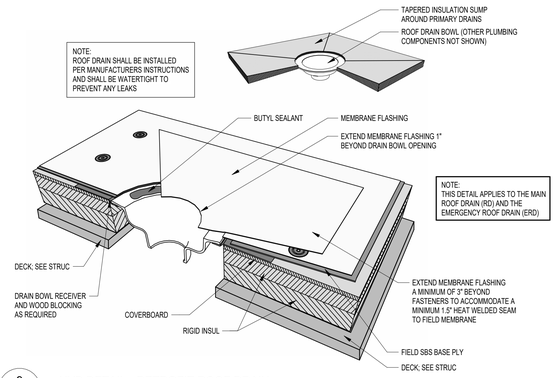
3 A141 SBS / PVC HYBRID ROOF DETAIL - ROOF SYSTEM
1 1/2" = 1'-0"



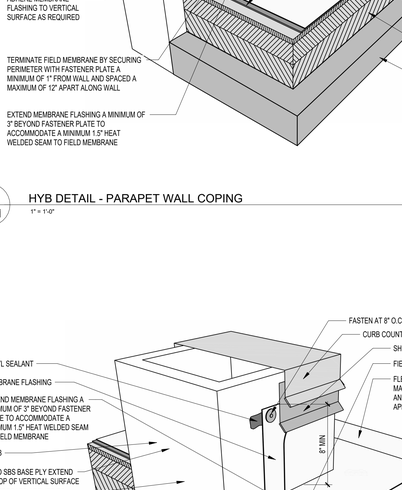
4 A141 HYB DETAIL - PIPE SUPPORT
1" = 1'-0"



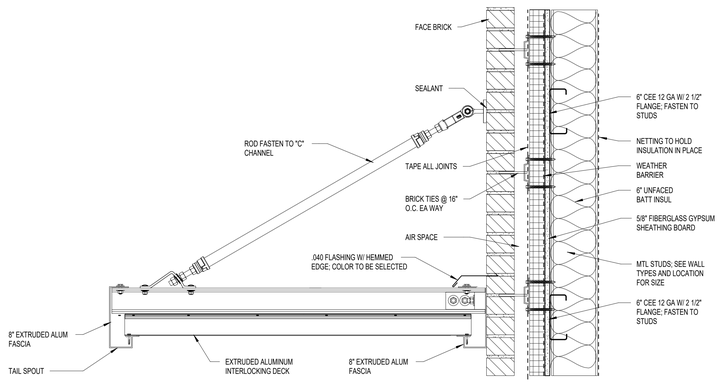
5 A141 HYB DETAIL - PREFABRICATED MTL CURB
1" = 1'-0"



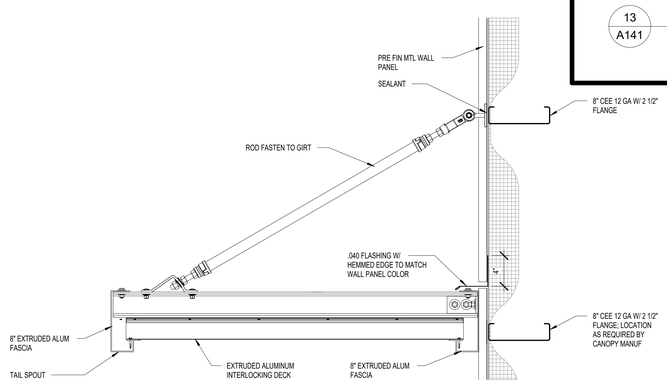
9 A141 HYB DETAIL - RETROFIT ROOF DRAIN
1" = 1'-0"



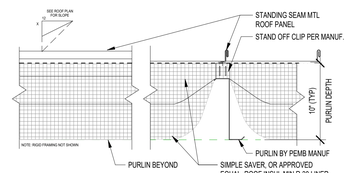
6 A141 HYB DETAIL - EQUIPMENT TIE DOWN
12" = 1'-0"



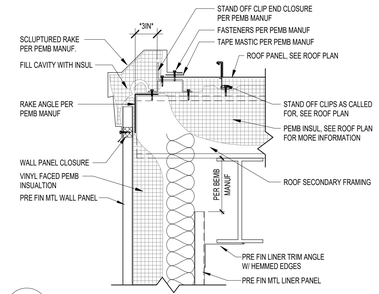
7 A141 AWNING DETAIL - AT MAIN BUILDING
1 1/2" = 1'-0"



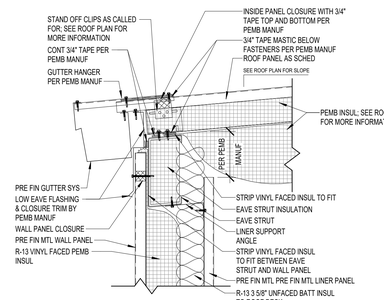
8 A141 AWNING DETAIL - PEMB BUILDING
1 1/2" = 1'-0"



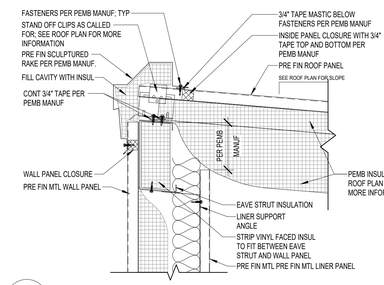
10 A141 PEMB ROOF SECTION WITH STANDOFF CLIPS
1 1/2" = 1'-0"



11 A141 PEMB - RAKE EDGE DETAIL WITH STANDOFF CLIPS
1 1/2" = 1'-0"



12 A141 PEMB - LOW EAVE GUTTER DETAIL WITH STANDOFF CLIPS
1 1/2" = 1'-0"



13 A141 PEMB - HIGH EAVE DETAIL WITH STANDOFF CLIPS
1 1/2" = 1'-0"

ALTERNATE #1

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
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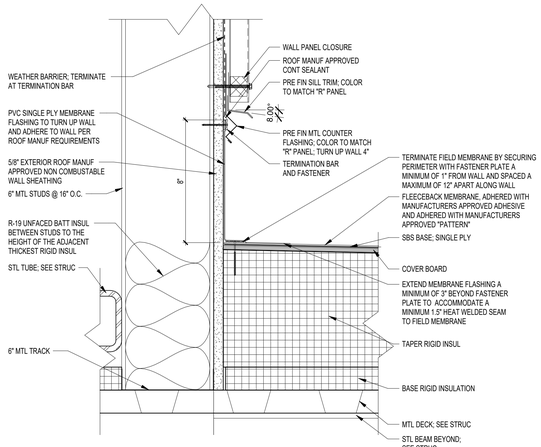
TYPICAL ROOFING DETAILS AND AWNING SECTIONS

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A141

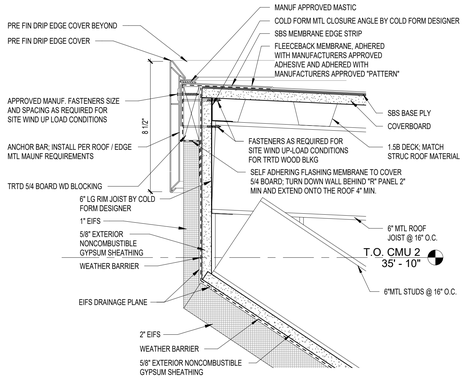
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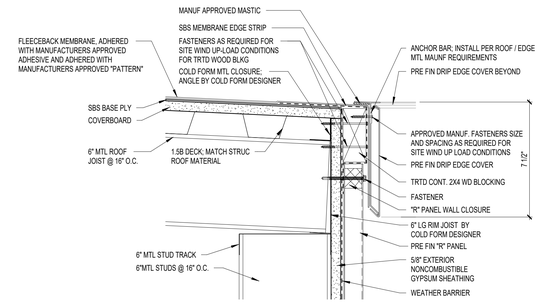
1 A142 HYB DETAIL ROOF TO WALL WITH "R" PANEL

3" = 1'-0"



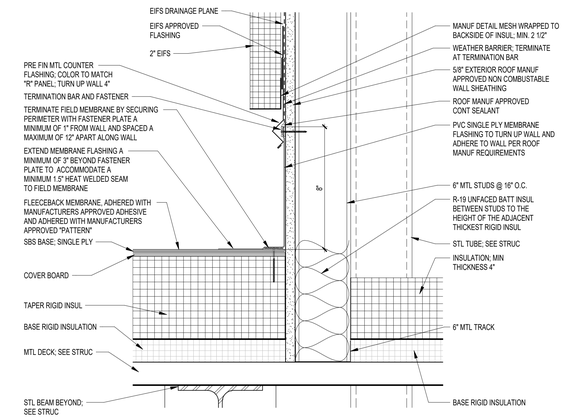
2 A142 HYB DETAIL ROOF HIGH EAVE DRIP EDGE

3" = 1'-0"



3 A142 HYB DETAIL ROOF LOW EAVE DRIP EDGE

3" = 1'-0"



4 A142 HYB DETAIL ROOF TO WALL WITH EIFS

3" = 1'-0"

5 A142 HYB DETAIL ROOF TO WALL WITH MASONRY

3" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN

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911 ROBERT BLVD, SLIDELL LA 70458

Bradford A. Jones
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REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA

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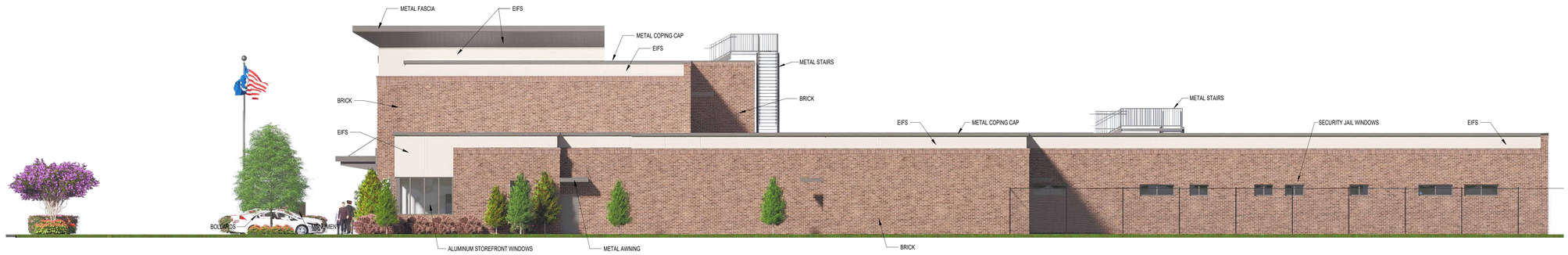
ROOFING DETAILS

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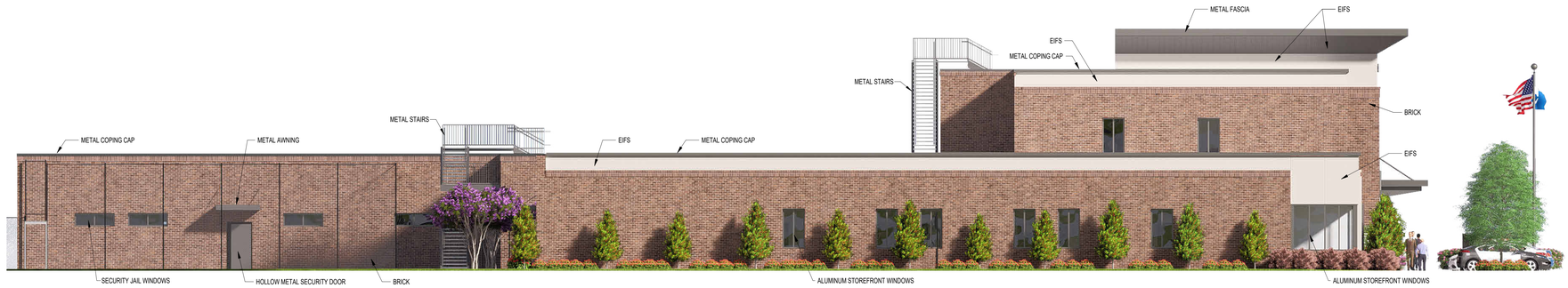
NORTH EXTERIOR ELEVATION RENDERING



EAST EXTERIOR ELEVATION RENDERING



SOUTH EXTERIOR ELEVATION RENDERING



WEST EXTERIOR ELEVATION RENDERING

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FUNCTIONAL DEPENDENT DESIGN

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911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ, KM
CHECKED BY: BAJ

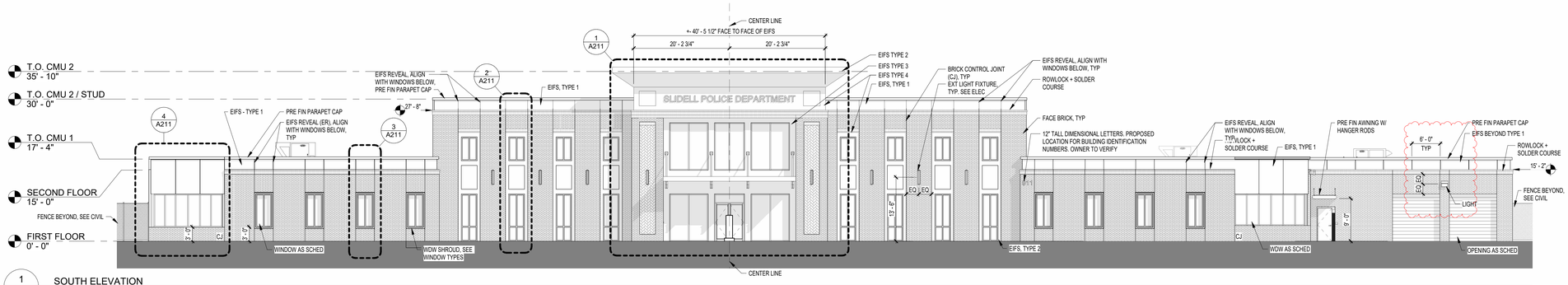
RENDERINGS

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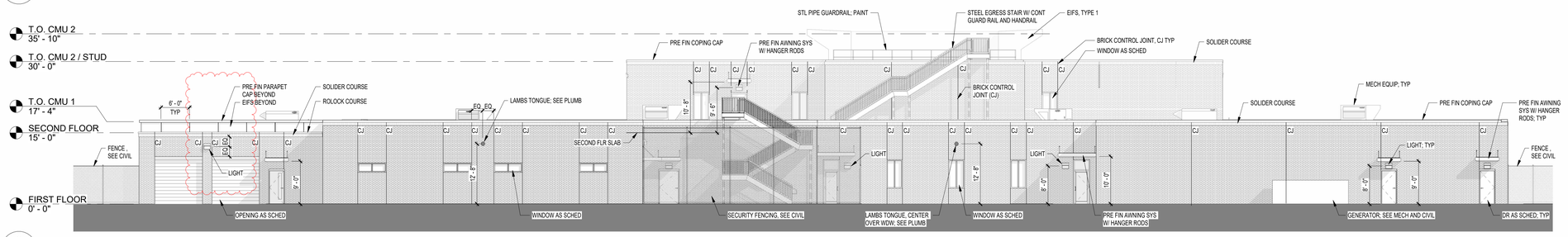
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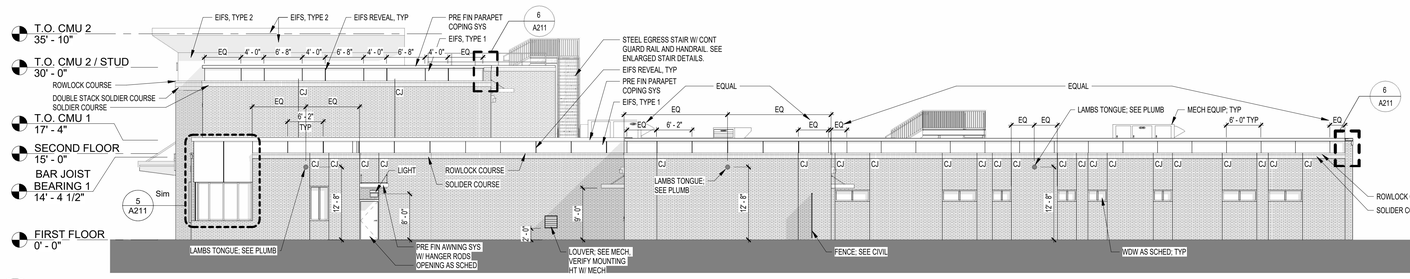
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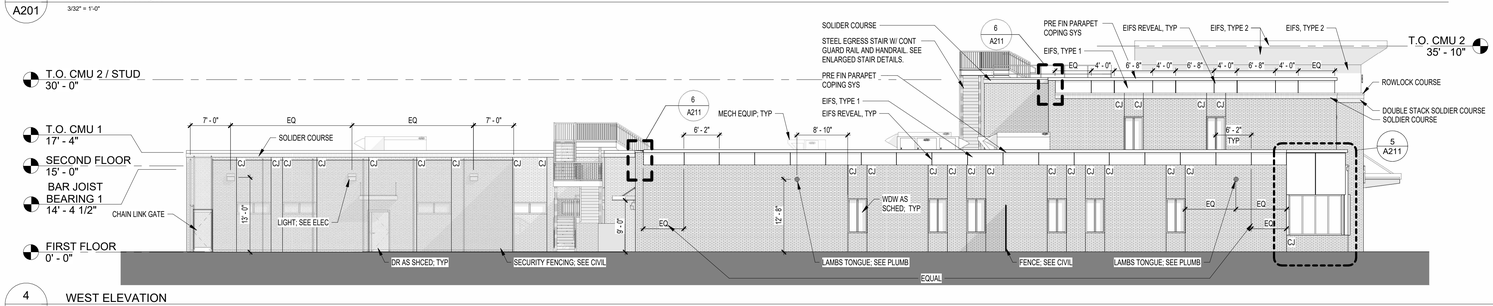
1 A201 SOUTH ELEVATION
3/32" = 1'-0"



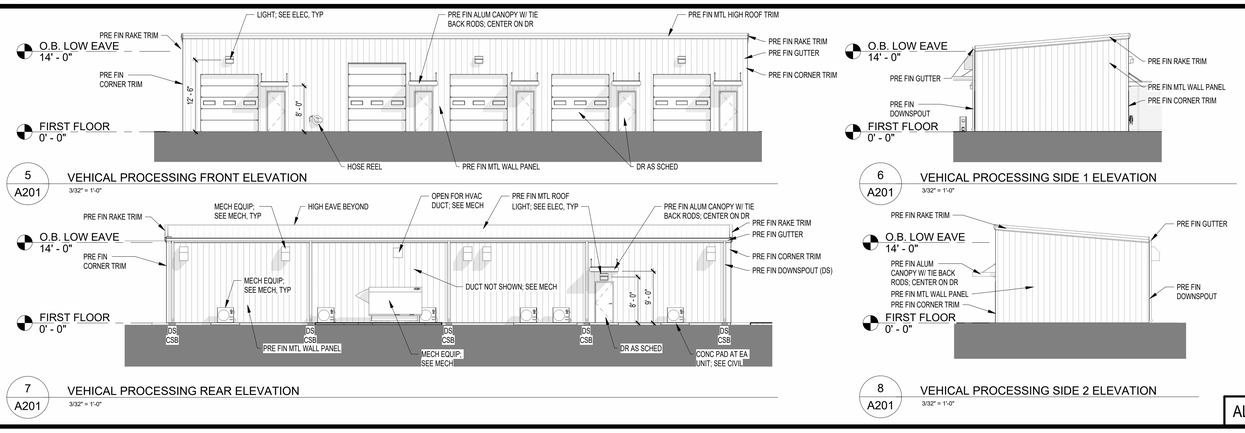
2 A201 NORTH ELEVATION
3/32" = 1'-0"



3 A201 EAST ELEVATION
3/32" = 1'-0"



4 A201 WEST ELEVATION
3/32" = 1'-0"



5 A201 VEHICAL PROCESSING FRONT ELEVATION
3/32" = 1'-0"

6 A201 VEHICAL PROCESSING SIDE 1 ELEVATION
3/32" = 1'-0"

7 A201 VEHICAL PROCESSING REAR ELEVATION
3/32" = 1'-0"

8 A201 VEHICAL PROCESSING SIDE 2 ELEVATION
3/32" = 1'-0"

ALTERNATE #1

EXTERIOR ELEV GENERAL NOTES

1. ALUMINUM STORE FRONT FINISH: DARK BRONZE
2. EIFS TYPE 1: METALLIC/ REFLECTIVE EIFS SYSTEM- COLOR SW 7018 DOVE TAIL
3. EIFS TYPE 2: METALLIC/ REFLECTIVE EIFS SYSTEM- COLOR SW 7069 IRON ORE
4. EIFS TYPE 3: STANDARD MATTE FINE SAND EIFS: COLOR SW 7069 IRON ORE
5. EIFS TYPE 4: STANDARD MATTE FINE SAND EIFS: COLOR SW 7029 AGREEABLE GRAY
6. FACE BRICK: ACME CEDAR VALLEY - MODULAR - HERITAGE
7. STANDARD PRE FIN AWNINGS WITH HANGER RODS: AWNING AND RODS DARK BRONZE
8. ENTRY AWNING SYSTEM WITH HANGER RODS: CANOPY SYSTEM ANODIZED ALUM (SILVER). RODS AND ESCUTCHEONS BLACK. STRUCTURAL SUPORT BEAMS COLOR TO MATCH ENTRY AWNING SYSTEM COLOR (SILVER)
9. STRUCTURAL GRID / COLUMN LINES NOT SHOWN FOR CLARITY. SEE FLOOR PLANS AND BUILDING SECTIONS FOR STRUCTURAL GRID / COLUMN LINES.
10. CONTRACTOR SHALL COORDINATE LAMBS TONGUE HEIGHT WITH PLUMBING AND STRUCTURAL.
11. ALL LAMBS TONGUE HEIGHTS FIRST FLOOR AND SECOND FLOOR RESPECTIVELY SHALL BE THE SAME ELEVATION ABOVE FINISH FLOOR.
12. SEE ELECTRICAL FOR ALL SECURITY ITEMS INCLUDING BUT NOT LIMITED TO. EQUIPMENT, DEVICES, CAMERAS, CATV LOCATIONS, RACEWAYS, ACCESS PANELS FOR SECURITY ITEMS, DOOR CONTROLS, AUDIO, VIDEO, UTILITY, ETC.
13. FENCE COLOR: BLACK
14. EIFS REVEAL (ER): 3/4" WIDE BY 3/4" DEEP

EXTERIOR MATERIALS



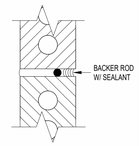
CONTROL JOINT LOCATION - GENERAL NOTES:

1. FOR FURTHER INFORMATION, CONSULT THE CONCRETE MASONRY HANDBOOK AND THE GYPSUM CONSTRUCTION HANDBOOK.
2. MAXIMUM SPACING BETWEEN CONTROL JOINTS IN REINFORCED MASONRY CONSTRUCTION IS 25 FEET; THE DISTANCE OF A JOINT FROM A CORNER IS 25 FEET. AVOID PLACING CONTROL JOINTS BETWEEN TWO ADJACENT WINDOWS; CRACKS MAY SEEK A PATH TO A WINDOW.
3. CONTROL JOINTS ARE TO OCCUR AT ALL ABRUPT CHANGES IN WALL HEIGHT
4. (SEE DIAGRAM 1.)
5. PROVIDE CONTROL JOINTS AT ALL CHANGES IN WALL THICKNESS, SUCH AS THOSE AT PIPE OR DUCT CHASES AND THOSE ADJACENT TO COLUMNS OR PILASTERS (SEE DIAGRAM 2.)
6. PROVIDE CONTROL JOINTS AT ALL LARGE OPENINGS IN WALLS. OPENINGS LESS THAN 6 FEET WIDE OR TO RECEIVE A CONTROL JOINT ALONG ONLY ONE SIDE; OPENINGS LARGER THAN 6FEET MUST HAVE JOINTS AT BOTH SIDES. OFFSET THE CONTROL JOINT (MIN 8") AS REQ'D TO ALLOW LINTEL ADEQUATE BEARING AREA (SEE DIAGRAM 3.) TO PERMIT MOVEMENT. THE BEARING OF AT LEAST ONE END OF THE LINTEL SHOULD BE BUILT TO SLIDE. PLASTIC OR BITUMINOUS SHEET SHOULD BE USED FOR A SLIP PLATE.



CONTROL AND EXPANSION JOINT NOTES:

1. TOOL JOINTS TO ENSURE FULL CONTACT WITH AND ADHESION TO SUBSTRATE.
2. ENSURE THAT SUBSTRATE IS CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT MAT'L PROVIDE PRIMER TO IMPROVE ADHESION OF SEALANT TO SUBSTRATE AS REQ'D.
3. SEALANT DEPTH:
   A. 1/4" MIN FOR 1/4" JOINTS
   B. EQUAL TO JOINT WIDTH FOR JOINTS UP TO 1/2"
   C. HALF OF JOINT WIDTH FOR JOINTS 1/2" OR WIDER, BUT NOT MORE THAN 1/2"
4. JOINT FILLER (BACKER ROD) CONTROLS DEPTH OF SEALANT CONTACT W/ ADJOINING PARS. IT SHOULD BE COMPRESSIBLE AND NOT ADHERE TO SEALANT.



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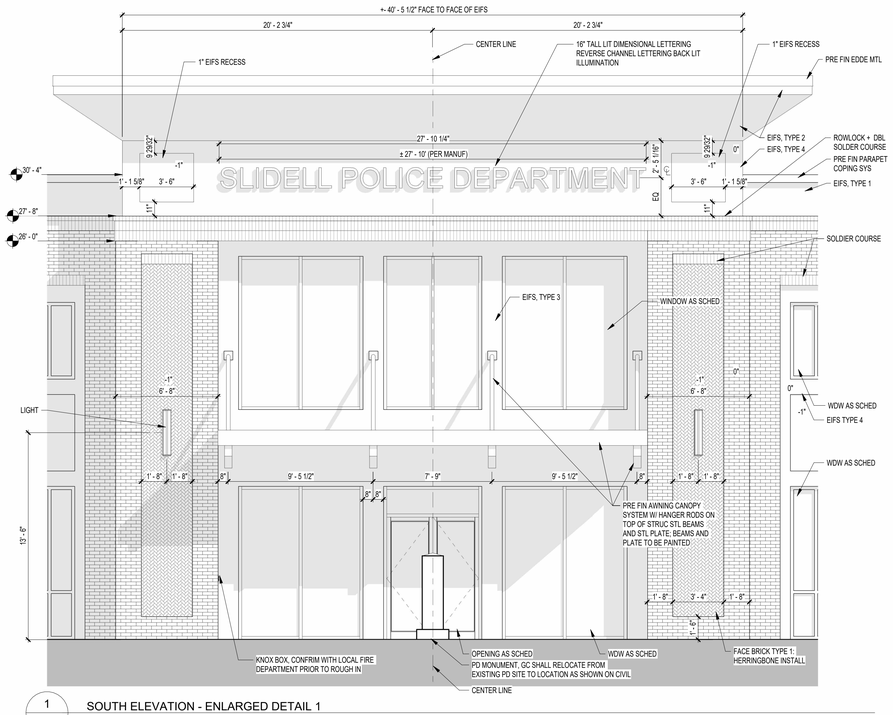
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DRAWN BY: MAJ, CG
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EXTERIOR ELEVATIONS

A201

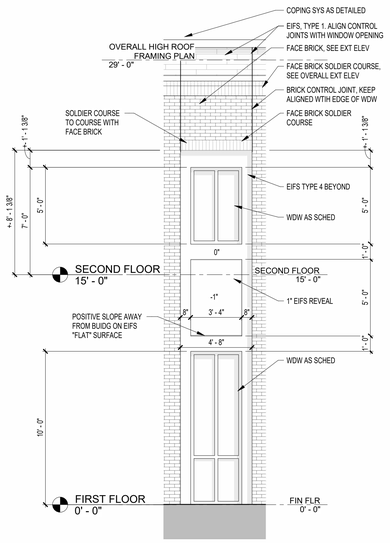
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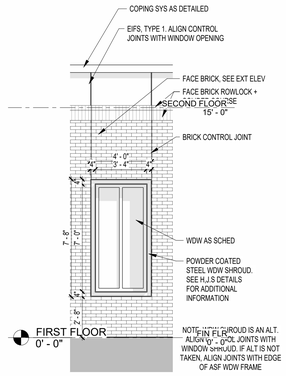
1 A211 SOUTH ELEVATION - ENLARGED DETAIL 1

1/4" = 1'-0"



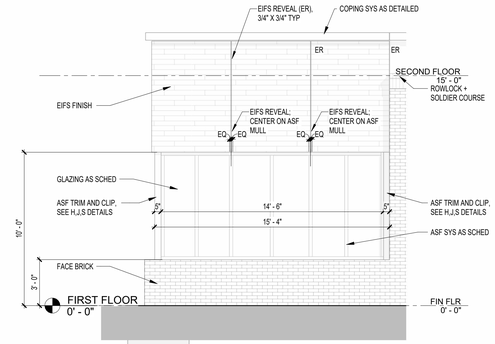
2 A211 SOUTH ELEV- ENLARGED DETAIL 2

1/4" = 1'-0"



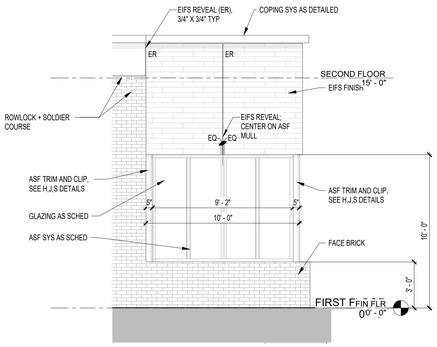
3 A211 SOUTH ELEV- ENLARGED DETAIL 3

1/4" = 1'-0"



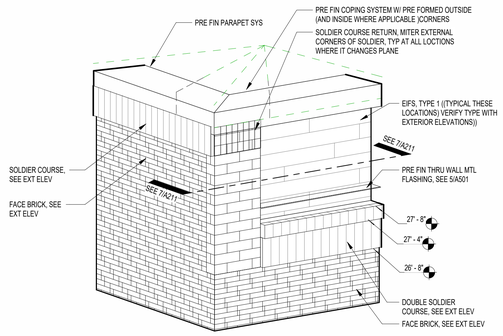
4 A211 SOUTH ELEV- ENLARGED DETAIL 4

1/4" = 1'-0"

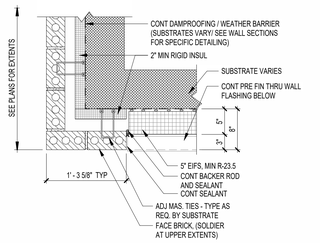


5 A211 WEST ELEV- ENLARGED DETAIL 5

1/4" = 1'-0"



6 A211 EXT CORNER OF BRICK AND EIFS



8 A211 EXT CORNER OF BRICK AND EIFS @ VERTICAL JOINT

1" = 1'-0"

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ENLARGED ELEVATIONS

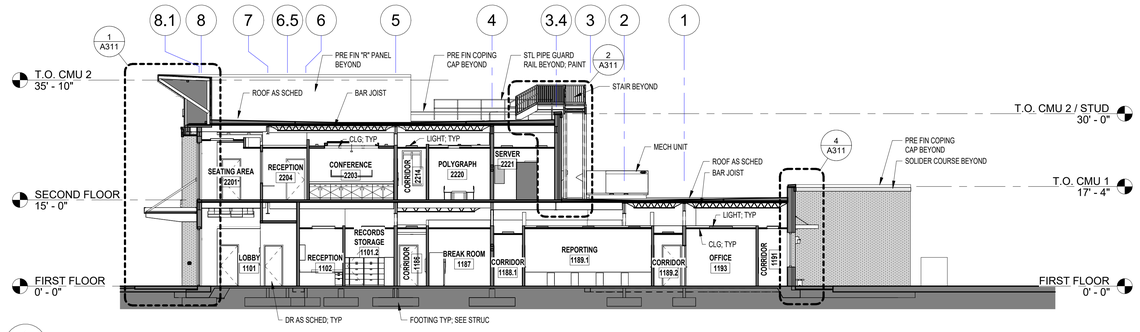
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A211

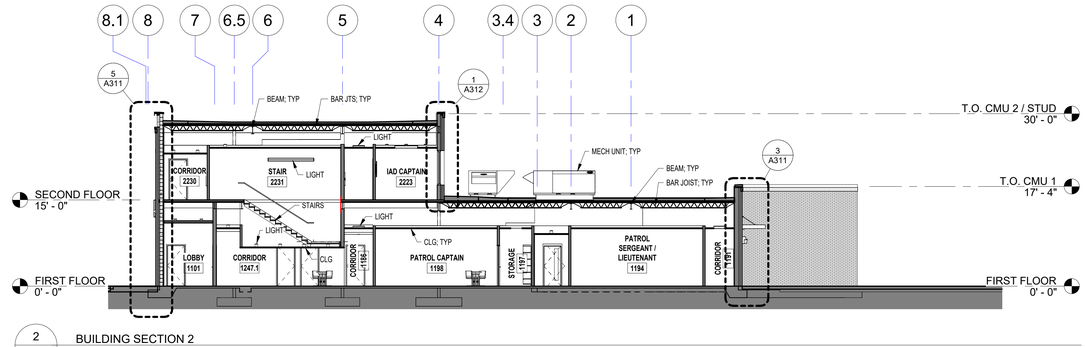
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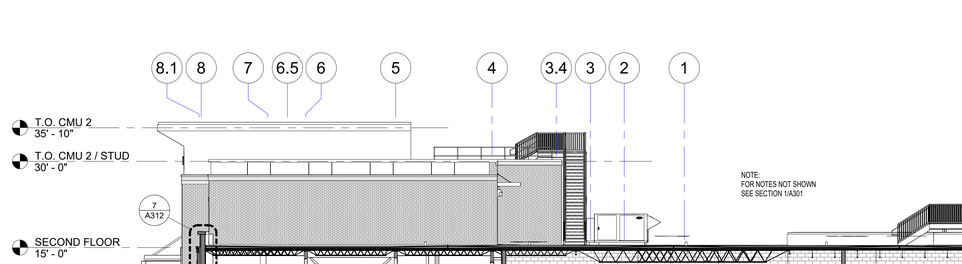
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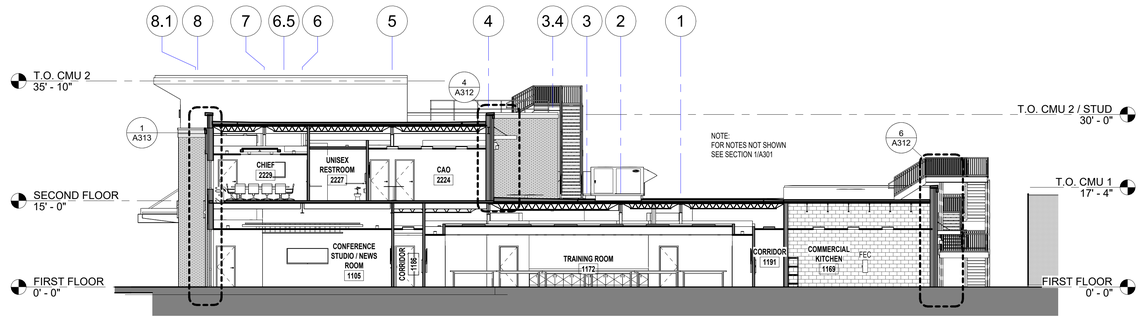
1 A301 BUILDING SECTION 1
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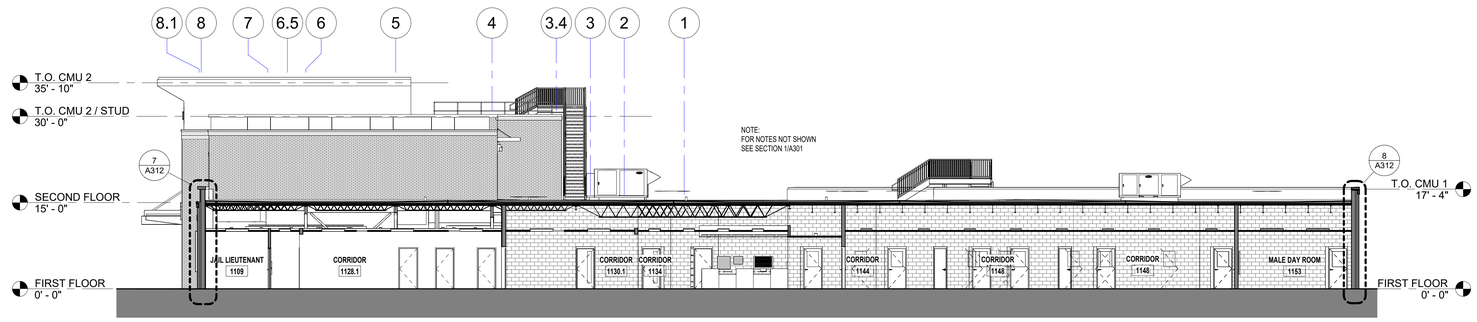
2 A301 BUILDING SECTION 2
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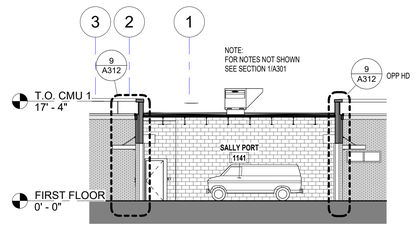
3 A301 BUILDING SECTION 3
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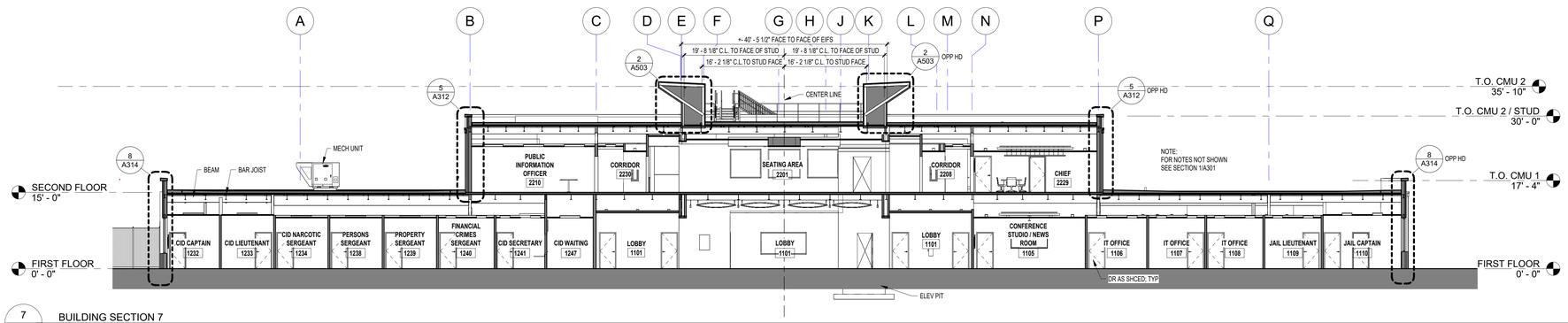
4 A301 BUILDING SECTION 4
3/32" = 1'-0"



5 A301 BUILDING SECTION 5
3/32" = 1'-0"



6 A301 BUILDING SECTION 6
3/32" = 1'-0"



7 A301 BUILDING SECTION 7
3/32" = 1'-0"

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Bradford A. Jones 9107 REGISTERED ARCHITECT

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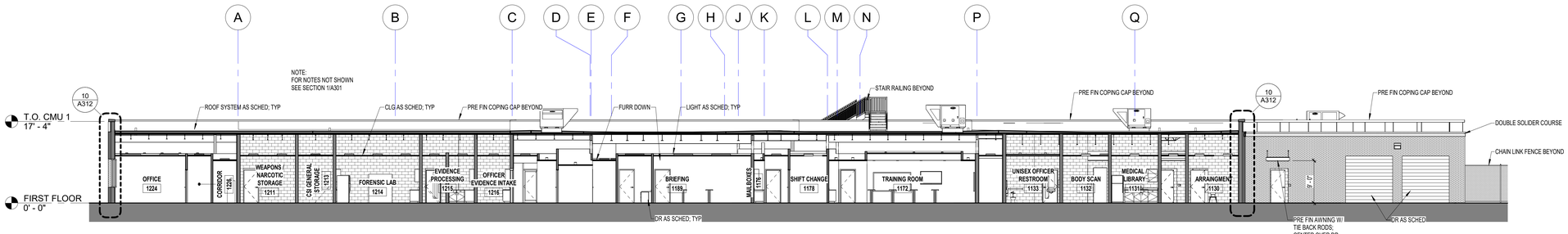
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PROJECT NO:0315.23.001
DRAWN BY: MAJ,
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BUILDING SECTIONS

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

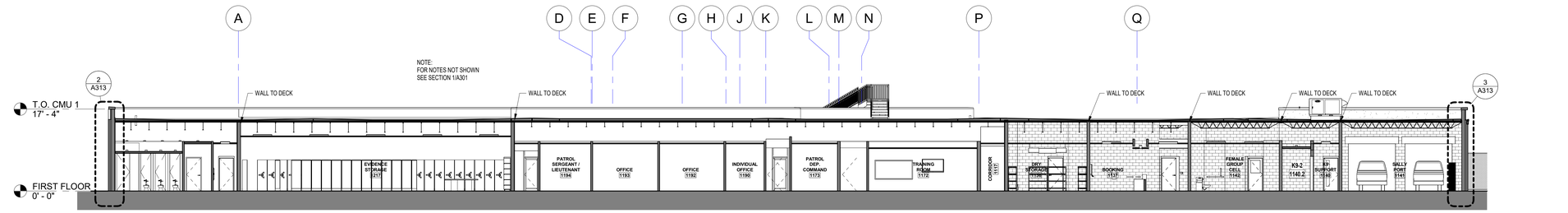
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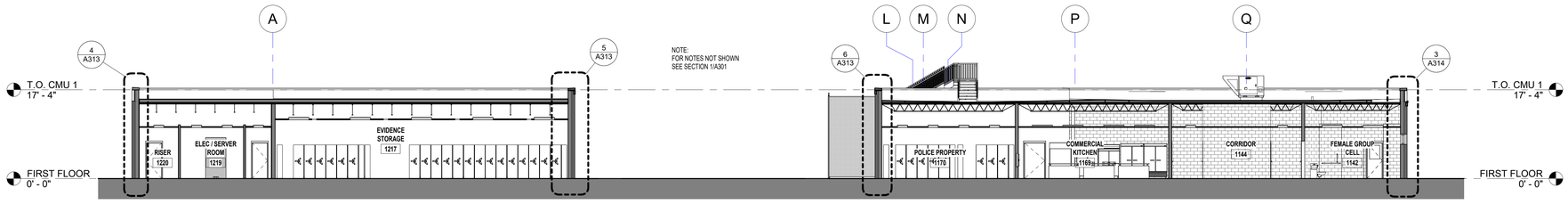
1 A302 BUILDING SECTION 8

3/32" = 1'-0"



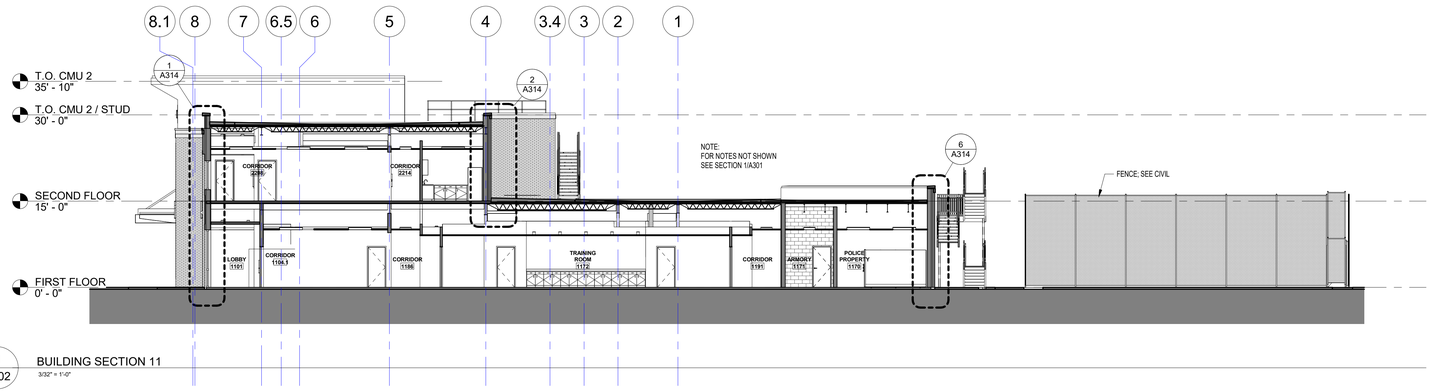
2 A302 BUILDING SECTION 9

3/32" = 1'-0"



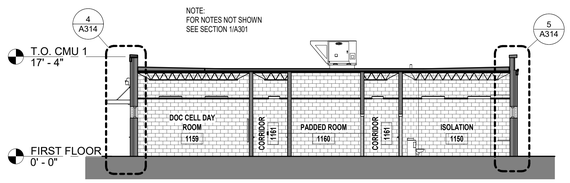
3 A302 BUILDING SECTION 10

3/32" = 1'-0"



4 A302 BUILDING SECTION 11

3/32" = 1'-0"



5 A302 BUILDING SECTION 12

3/32" = 1'-0"

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9167
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PROFESSIONAL
ENGINEER
STATE OF LOUISIANA

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CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

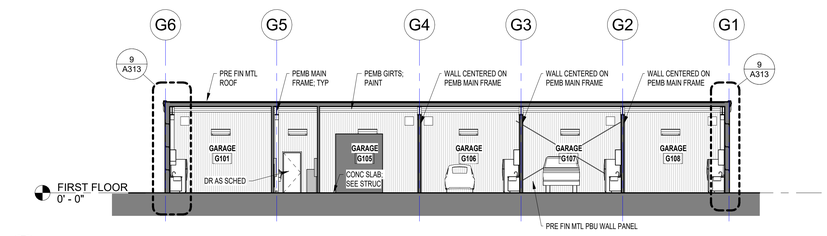
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PROJECT NO: 0315.23.001
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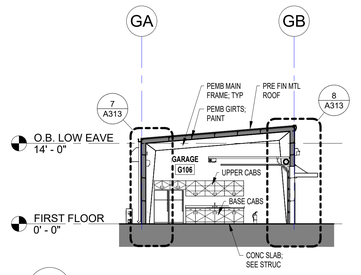
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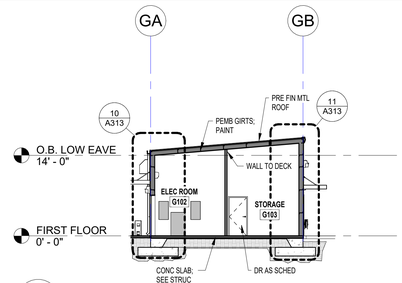
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1 A303 BUILDING SECTION 13
3/32" = 1'-0"



2 A303 BUILDING SECTION 14
3/32" = 1'-0"



3 A303 BUILDING SECTION 15
3/32" = 1'-0"

ALTERNATE #1

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CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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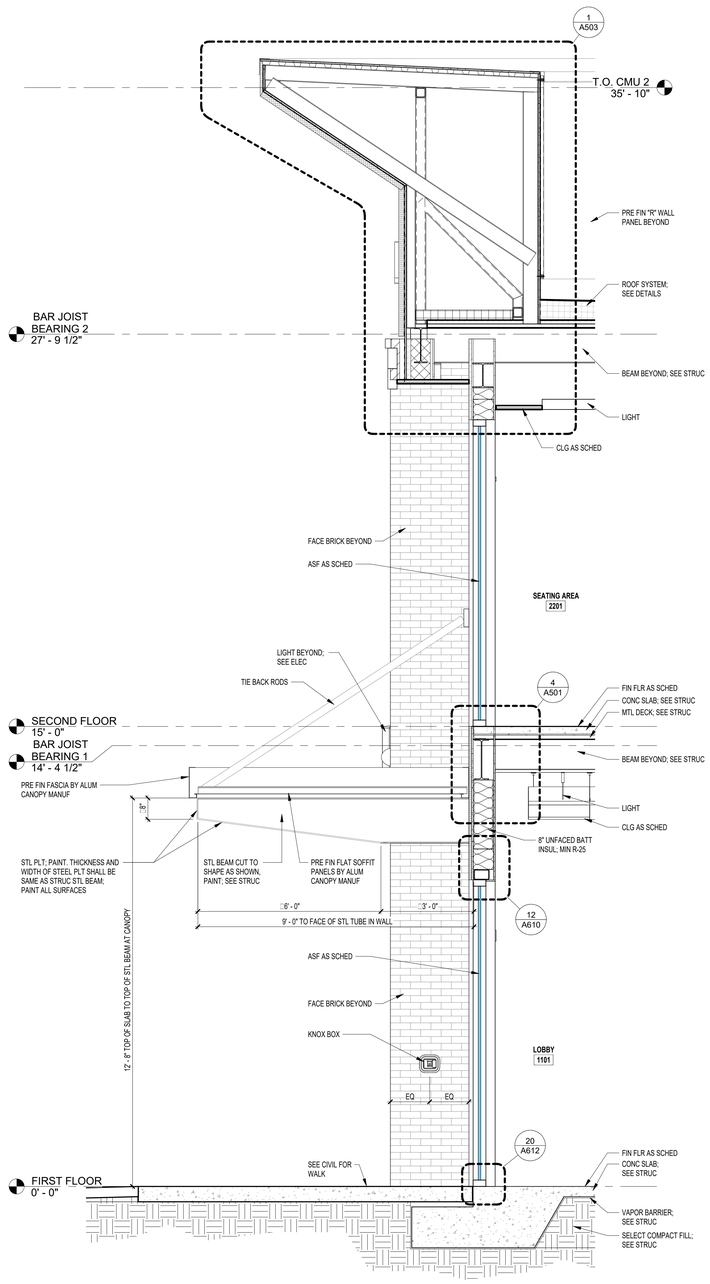
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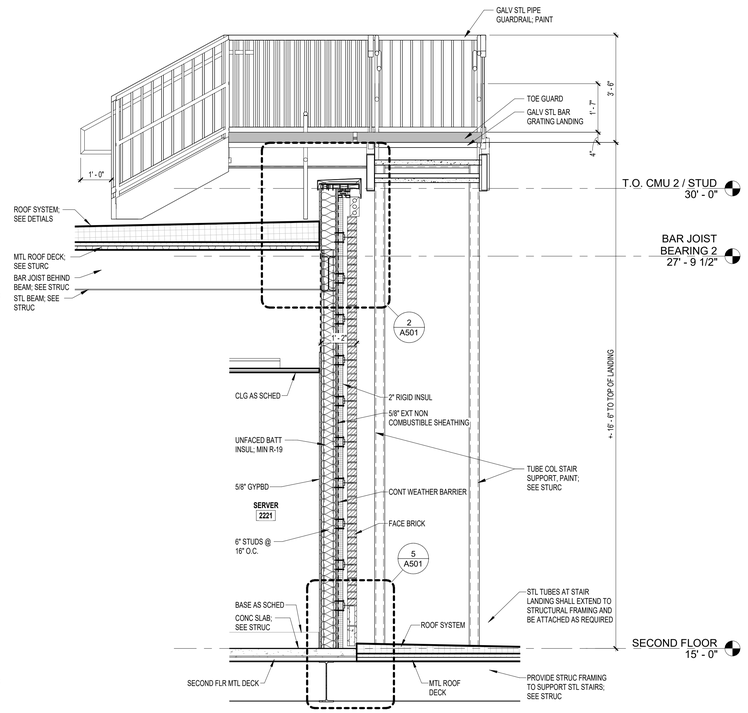
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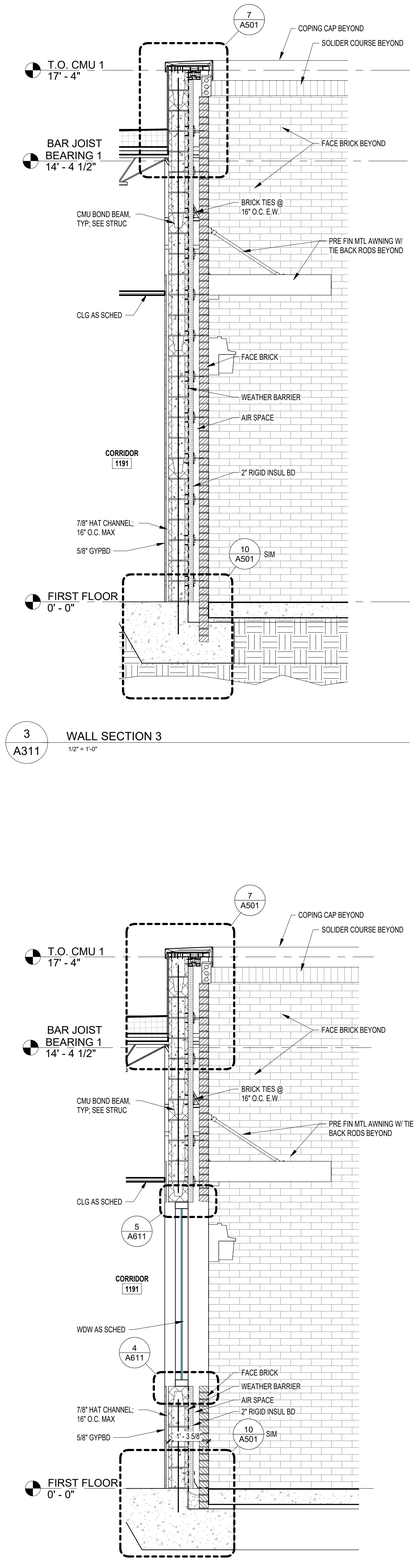
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1 A311 WALL SECTION 1
1/2" = 1'-0"

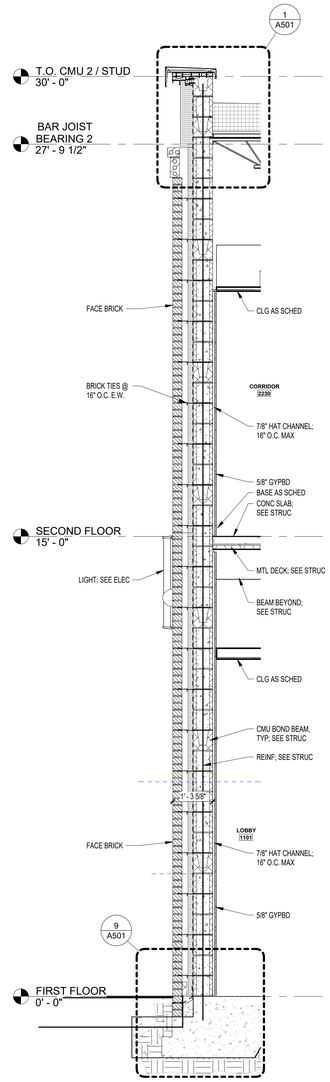


2 A311 WALL SECTION 2
1/2" = 1'-0"



3 A311 WALL SECTION 3
1/2" = 1'-0"

4 A311 WALL SECTION 4
1/2" = 1'-0"



5 A311 WALL SECTION 5
1/2" = 1'-0"

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Bradford A. Jones
9107
STATE OF LOUISIANA
REGISTERED PROFESSIONAL ENGINEER

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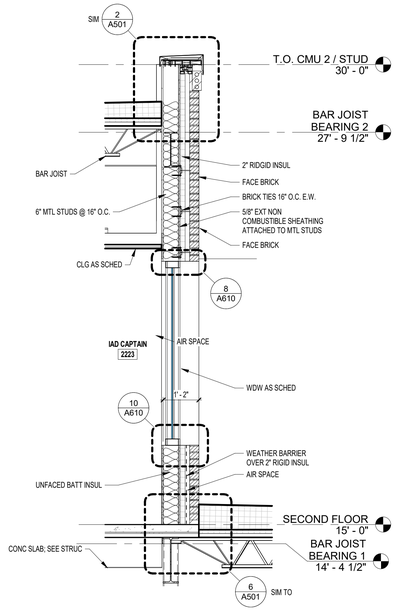
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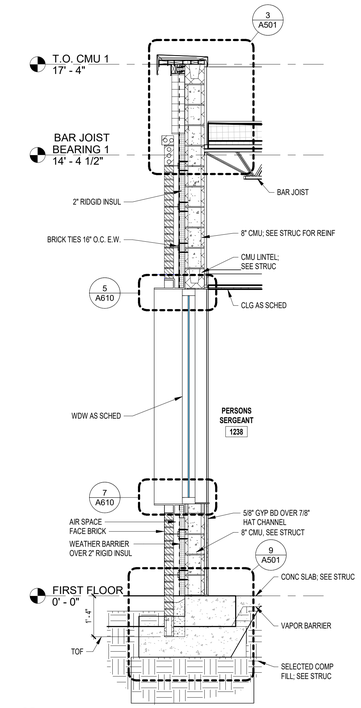
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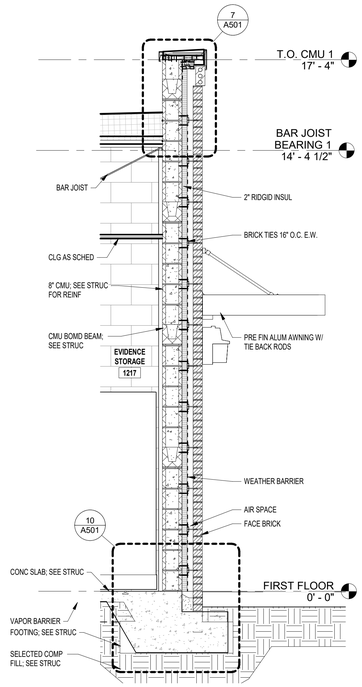
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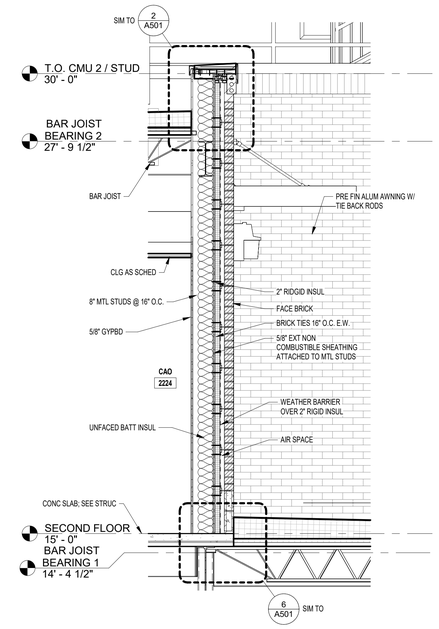
1 A312 WALL SECTION 6
1/2" = 1'-0"



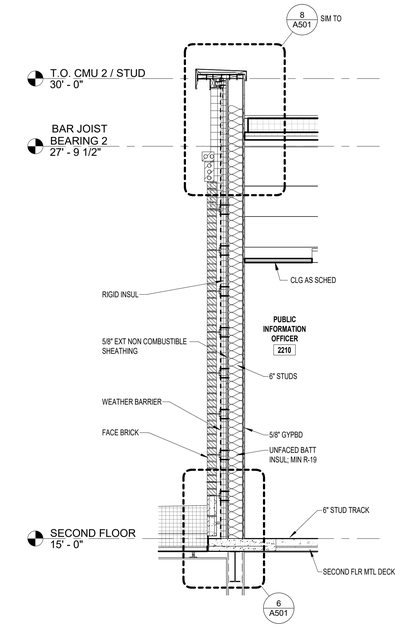
2 A312 WALL SECTION 7
1/2" = 1'-0"



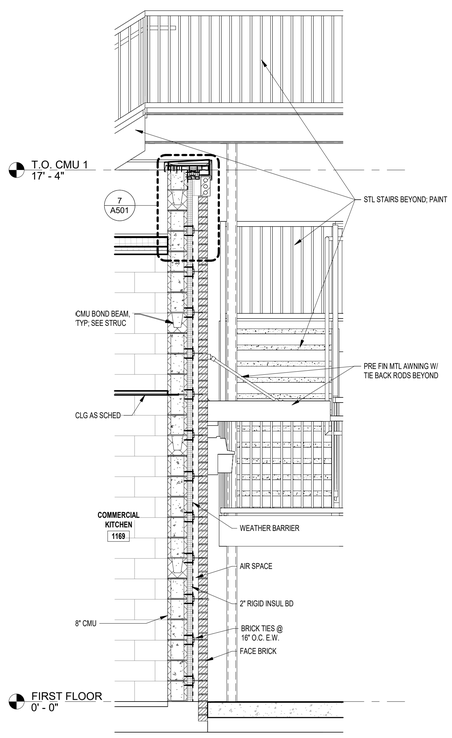
3 A312 WALL SECTION 8
1/2" = 1'-0"



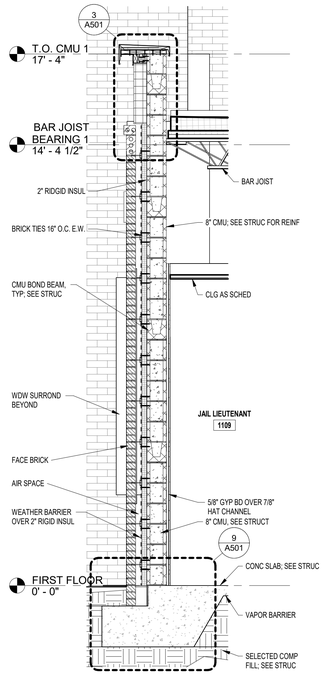
4 A312 WALL SECTION 9
1/2" = 1'-0"



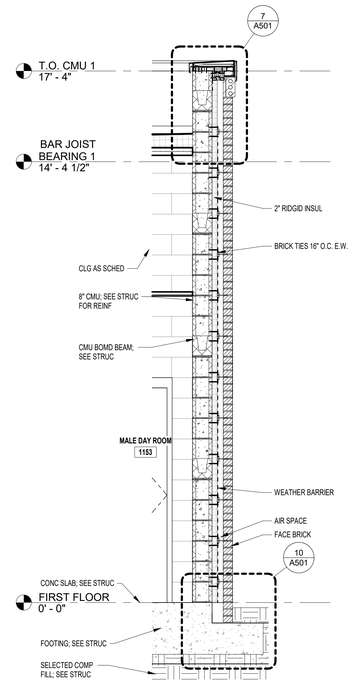
5 A312 WALL SECTION 10
1/2" = 1'-0"



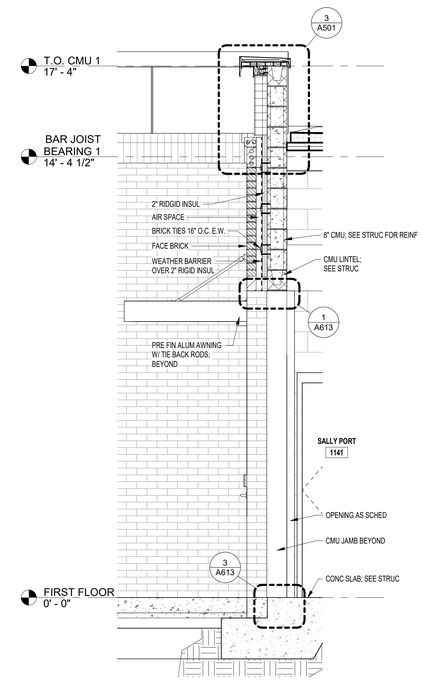
6 A312 WALL SECTION 11
1/2" = 1'-0"



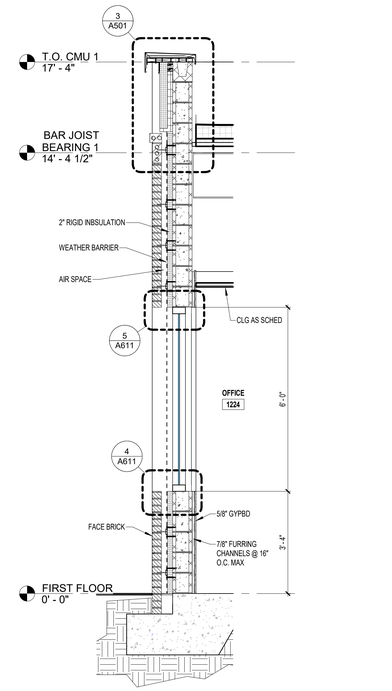
7 A312 WALL SECTION 12
1/2" = 1'-0"



8 A312 WALL SECTION 13
1/2" = 1'-0"



9 A312 WALL SECTION 14
1/2" = 1'-0"



10 A312 WALL SECTION 15
1/2" = 1'-0"

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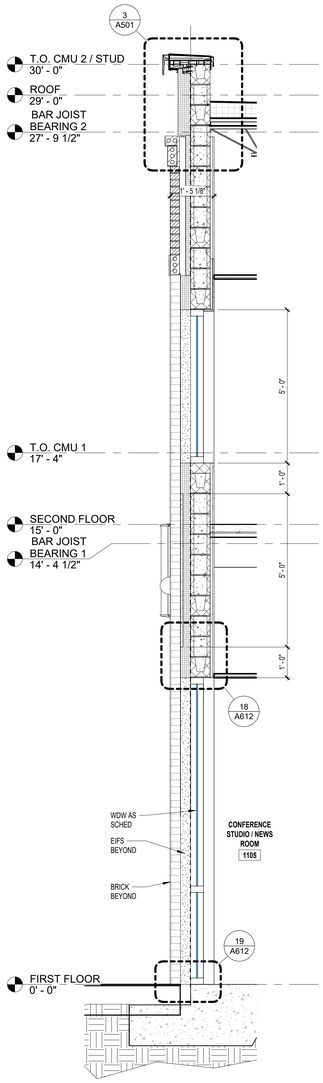
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WALL SECTIONS

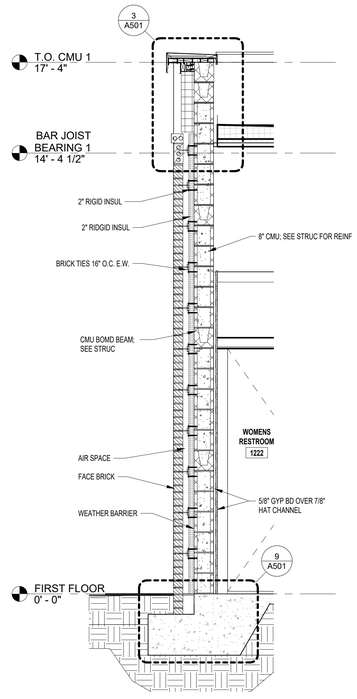
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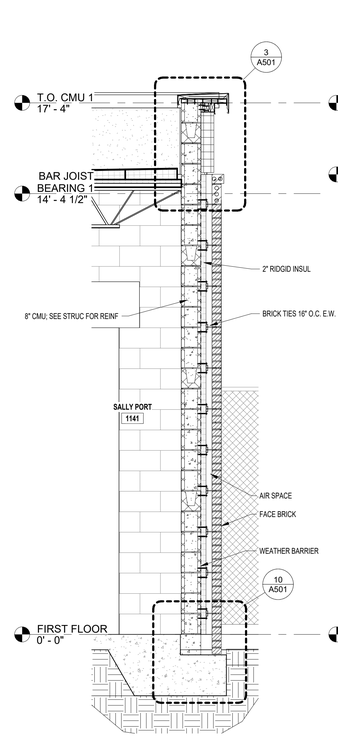
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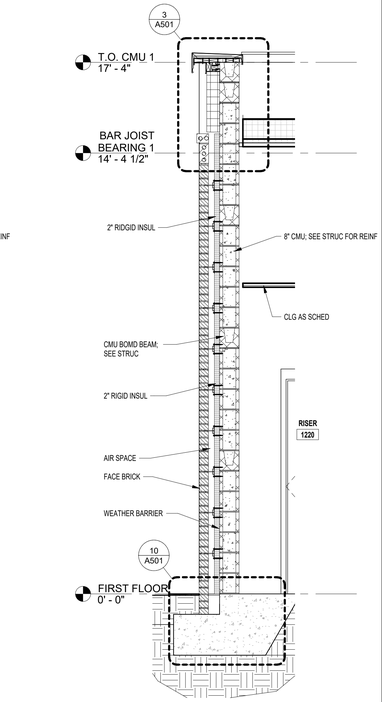
1 A313 WALL SECTION 16
1/2" = 1'-0"



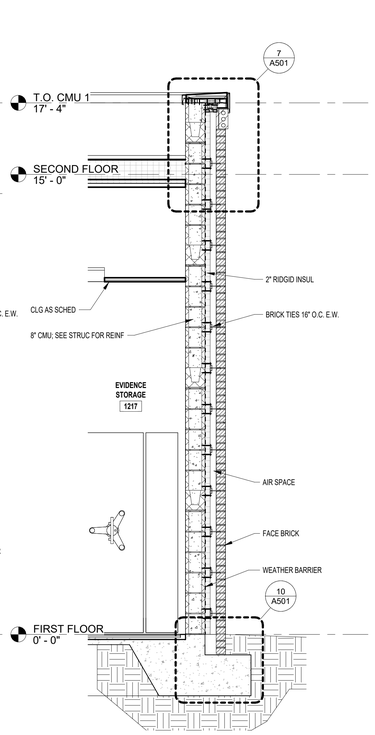
2 A313 WALL SECTION 17
1/2" = 1'-0"



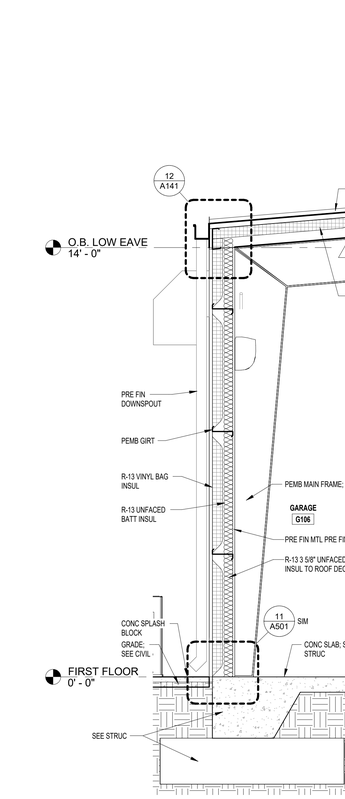
3 A313 WALL SECTION 18
1/2" = 1'-0"



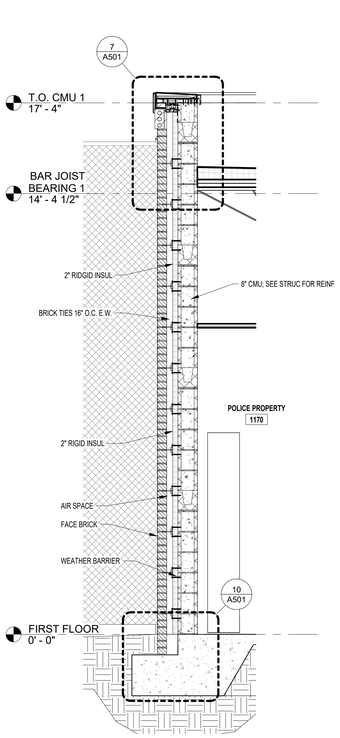
4 A313 WALL SECTION 19
1/2" = 1'-0"



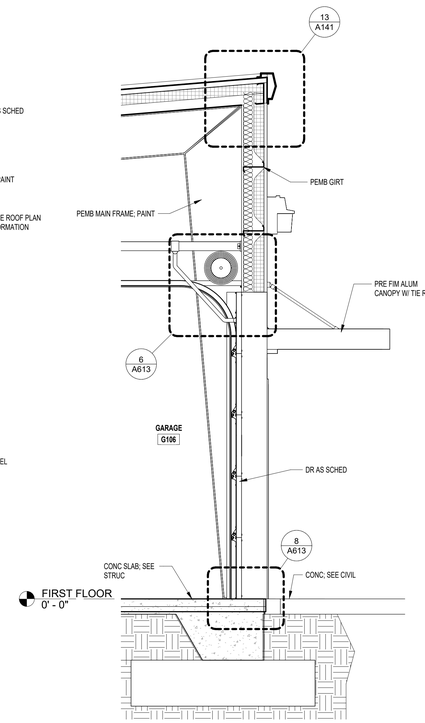
5 A313 WALL SECTION 20
1/2" = 1'-0"



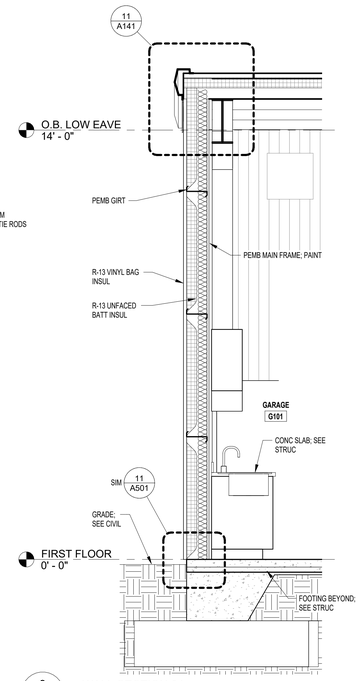
6 A313 WALL SECTION 21
1/2" = 1'-0"



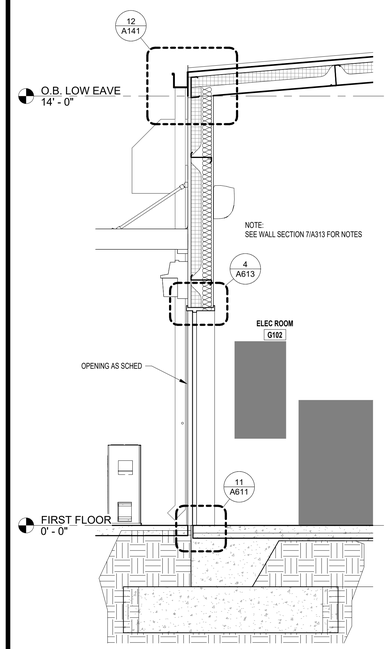
7 A313 WALL SECTION 22
1/2" = 1'-0"



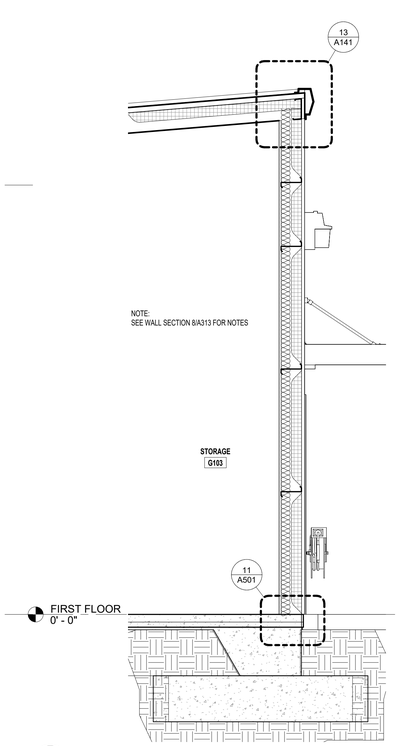
8 A313 WALL SECTION 23
1/2" = 1'-0"



9 A313 WALL SECTION 24
1/2" = 1'-0"



10 A313 WALL SECTION 25
1/2" = 1'-0"



11 A313 BUILDING SECTION 14 - Callout 2
1/2" = 1'-0"

ALTERNATE #1

4/10/2026 3:21:02 PM

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Biloxi, Mississippi 39530
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

STATE OF LOUISIANA
Bradford A. Jones
9107
REGISTERED PROFESSIONAL ENGINEER

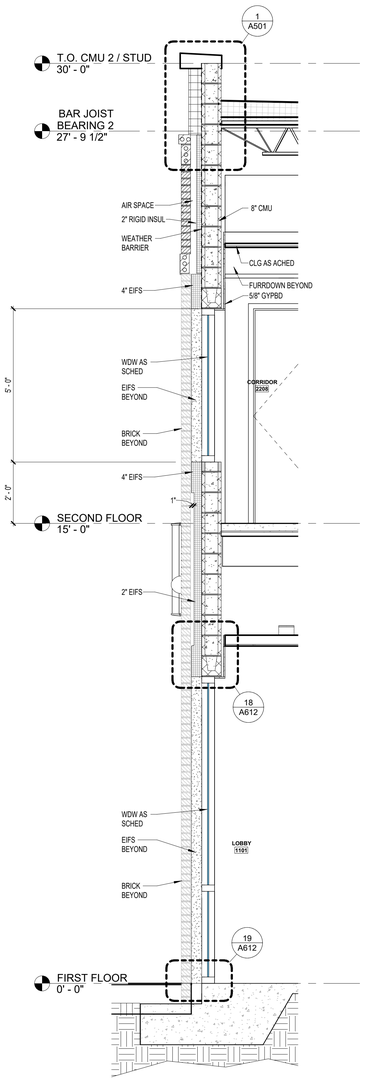
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PROJECT NO: 0315.23.001
DRAWN BY: MAJ.
CHECKED BY: BAJ

WALL SECTIONS

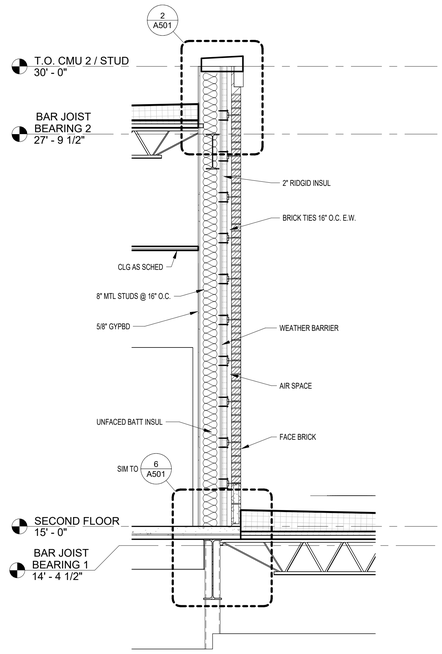
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A313

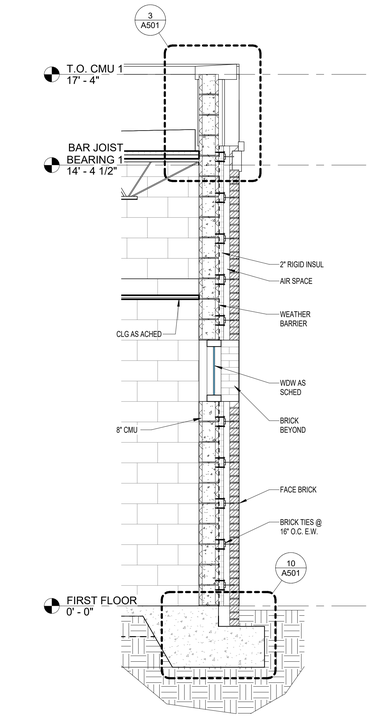
VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



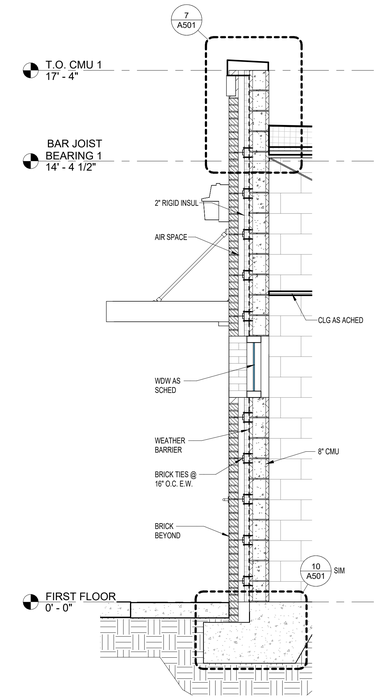
1 A314 WALL SECTION 27
1/2" = 1'-0"



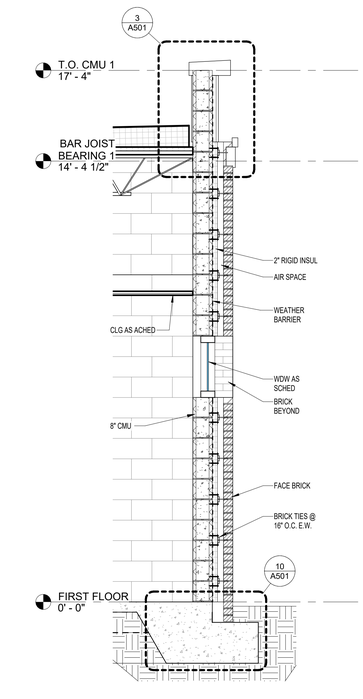
2 A314 WALL SECTION 28
1/2" = 1'-0"



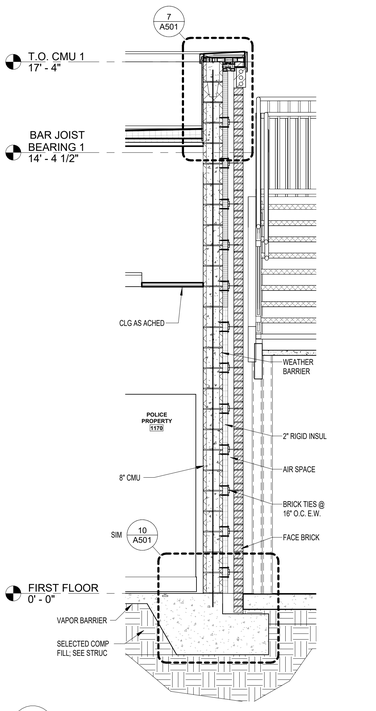
3 A314 WALL SECTION 29
1/2" = 1'-0"



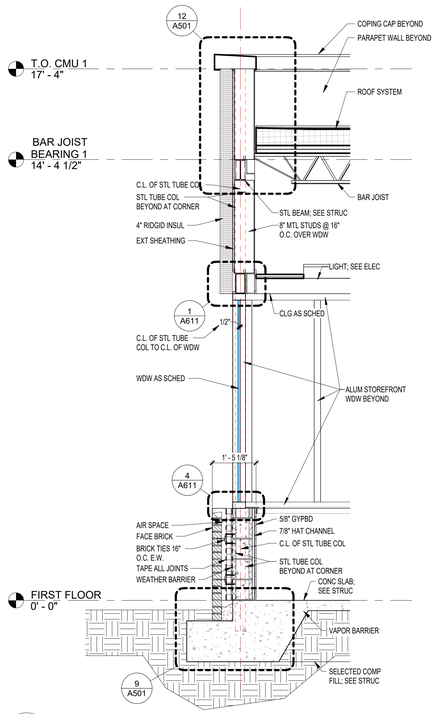
4 A314 WALL SECTION 30
1/2" = 1'-0"



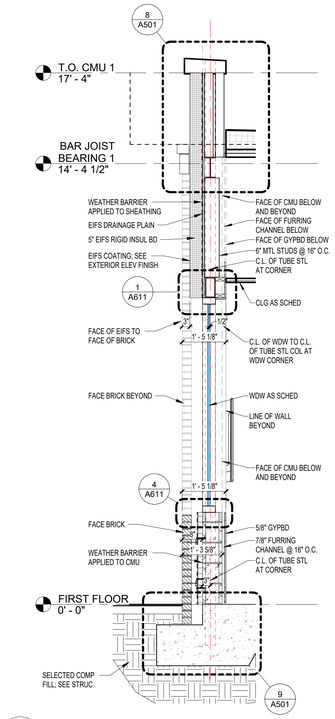
5 A314 WALL SECTION 31
1/2" = 1'-0"



6 A314 WALL SECTION 32
1/2" = 1'-0"



7 A314 WALL SECTION 33
1/2" = 1'-0"

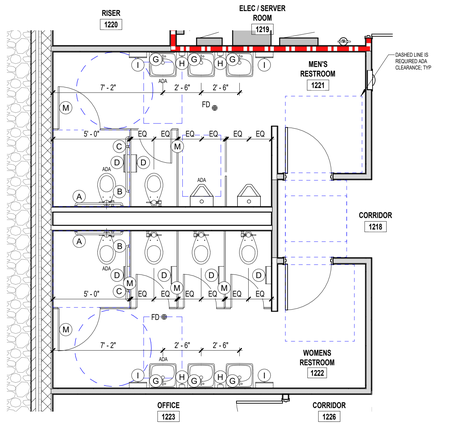


8 A314 WALL SECTION 34
1/2" = 1'-0"

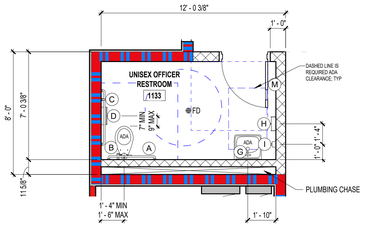
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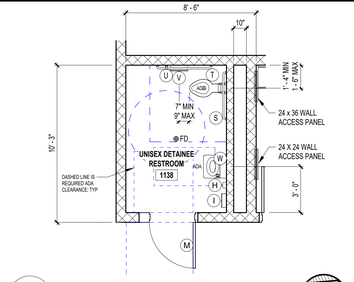
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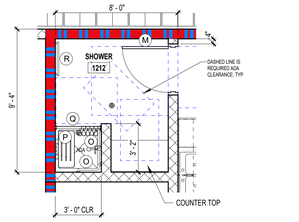
1 A401 ENLARGED RESTROOM AND SHOWER ROOM PLAN 1
1/4" = 1'-0"



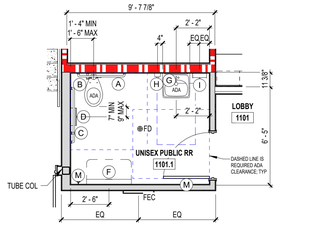
3 A401 ENLARGED RESTROOM PLAN 1133
1/4" = 1'-0"



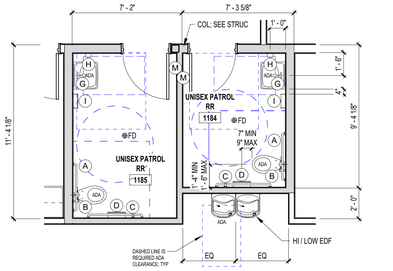
4 A401 ENLARGED RESTROOM PLAN 1138
1/4" = 1'-0"



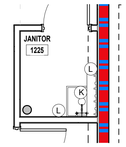
5 A401 ENLARGED SHOWER ROOM PLAN 1212
1/4" = 1'-0"



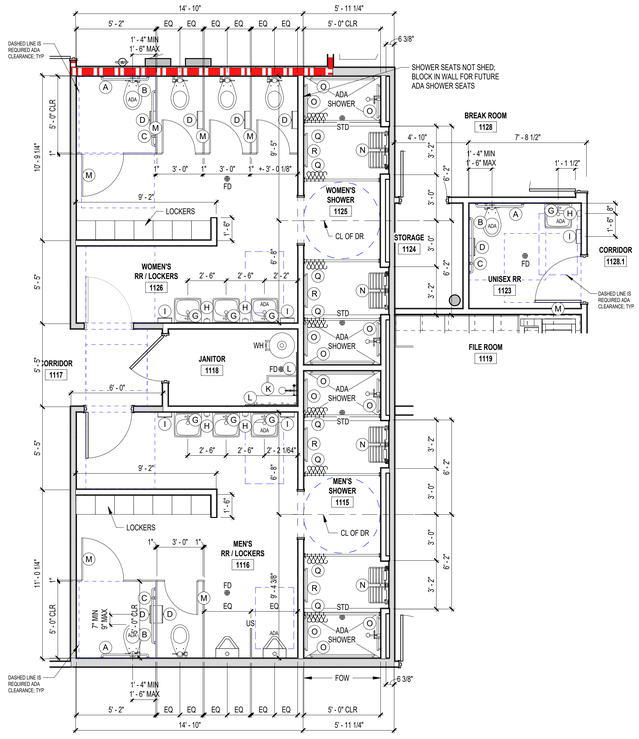
6 A401 ENLARGED RESTROOM PLAN 1101.1
1/4" = 1'-0"



7 A401 ENLARGED RESTROOM PLAN 1184 AND 1185
1/4" = 1'-0"



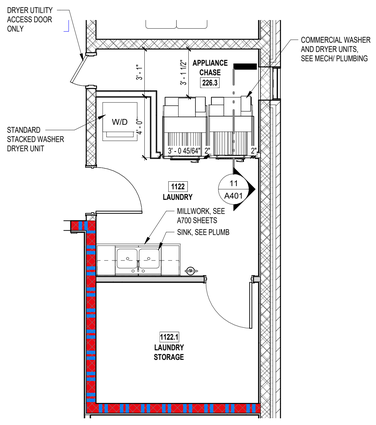
7.1 A401 ENLARGED JANITOR 1225
1/4" = 1'-0"



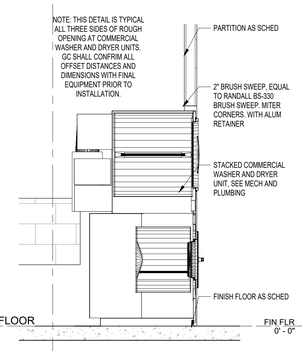
2 A401 ENLARGED RESTROOM AND SHOWER ROOM PLAN 2
1/4" = 1'-0"

8 A401 ENLARGED RESTROOM PLAN 2216, 2217 AND JANITOR 2215
1/4" = 1'-0"

9 A401 ENLARGED RESTROOM PLAN 2227 AND 2228
1/4" = 1'-0"



10 A401 ENLARGED LAUNDRY ROOM FLOOR PLAN
1/4" = 1'-0"



11 A401 COMMERCIAL WAHSER AND DRYER SECTION
1/2" = 1'-0"

ENLARGED RR NOTES

1. FIXTURE DIMENSIONS ARE TAKEN FROM FINISHED SURFACE OF WALL TO CENTER OF FIXTURE UNLESS NOTED OTHERWISE.
2. SEE STRUCTURAL FOR LOCATIONS OF SLAB RECESSES.
3. ADA TOILET PARTITION STALL DOORS MUST HAVE CLEAR OPENING OF 32" MINIMUM.
4. SEE "G" SHEETS FOR GENERAL ADA CLEARANCES AND REQUIREMENTS.
5. STD = SHOWER TRENCH DRAIN
6. US = URINAL SCREEN
7. FOW = FACE OF WALL

RESTROOM/JANITOR ACCESSORY SCHEDULE

SYMBOL	ACCESSORY	MOUNTING HEIGHT	NOTES
A	36" GRAB BAR (REAR OF WC)	33" - 36" AFF	1
B	42" GRAB BAR (SIDE OF WC)	33" - 36" AFF	1
C	18" VERTICAL GRAB BAR	39" - 41" AFF TO CL OF ATTACHMENT	1, 5
D	TOILET TISSUE DISPENSER	18" MIN AFF MAX TO BOTTOM OF TISSUE	1
E	NOT USED	NOT USED	
F	BABY CHANGING STATION	ADA MOUNT PER MANUF	1
G	MIRROR 18" X 36"	40" AFF MAX TO REFLECTIVE SURFACE	2
H	SOAP DISPENSER	44"-48" MAX TO OPERABLE PART	1
I	PAPER TOWEL DISPENSER/GARBAGE RECEPTACLE	44"-48" MAX TO TOWEL DISPENSER	1
J	GARBAGE RECEPTACLE	---	4
K	MOP HOLDER W/ SHELF	---	1
L	FIBERGLASS REINFORCED PANEL (FRP)	---	3
M	ROBE HOOK	42" AFF ON RR SIDE OF DOOR	1
N	DRESSING ROOM SEAT	17" MIN - 19" MAX TO TOP OF SEAT	1
O	SHOWER GRAB BAR	33" MIN - 36" MAX TO GRIPPING SURFACE	1
P	SHOWER TRANSFER BENCH	17" MIN - 19" MAX TO TOP OF SEAT	1
Q	SHOWER CURTAIN AND CURTAIN ROD	---	1
R	TOWEL BAR	40" MIN - 48 MAX TO TOP OF BAR	1
S	36" SECURITY GRAB BAR (REAR OF WC)	33" - 36" AFF	1
T	42" SECURITY GRAB BAR (SIDE OF WC)	33" - 36" AFF	1
U	18" SECURITY VERTICAL GRAB BAR	39" - 41" AFF TO CL OF ATTACHMENT	1, 5
V	DETENTION TOILET TISSUE DISPENSER	18" MIN AFF MAX TO BOTTOM OF TISSUE	1
W	DETENTION MIRROR 11.25" X 16.25"	ADA - 40" AFF MAX TO REFLECTIVE SURFACE NON ADA - 56" AFF MAX TO REFLECTIVE SURFACE	2
X	SECURITY MOP HOLDER W/ SHELF	---	1
Y	SECURITY SHOWER CURTAIN AND CURTAIN ROD	---	1, 6

ACCESSORY NOTES

1. FIELD VERIFY MOUNTING HEIGHTS WITH ARCHITECT BEFORE INSTALLATION. ALL MOUNTING HEIGHTS SHALL COMPLY WITH ADA REQUIREMENTS AND MANUFACTURER RECOMMENDATIONS.
2. ATTACH MIRROR PER MANUFACTURER RECOMMENDATIONS. CENTER MIRROR WITH LAVATORY OR LAVATORY UNIT BELOW.
3. PROVIDE FRP UP TO 8'-0" TALL AND EXTEND PAST SIDES OF MOP SINK MINIMUM 12 INCHES. PROVIDE TRIM PIECES FOR EXPOSED EDGES OF FRP.
4. NIC = NOT IN CONTRACT; OWNER FURNISHED / OWNER INSTALLED (OFOI)
5. MOUNTING HEIGHT DIMENSION IS TO THE CENTER LINE OF THE BOTTOM ATTACHMENT. SEE "G" SHEETS FOR MOUNTING HEIGHT REQUIREMENTS.
6. ANTI LIGATURE SHOWER RODS AND FLANGES.

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CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ENLARGED RESTROOM PLANS, JANITOR PLANS AND TOILET ACCESSORY SCHEDULE

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A401

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

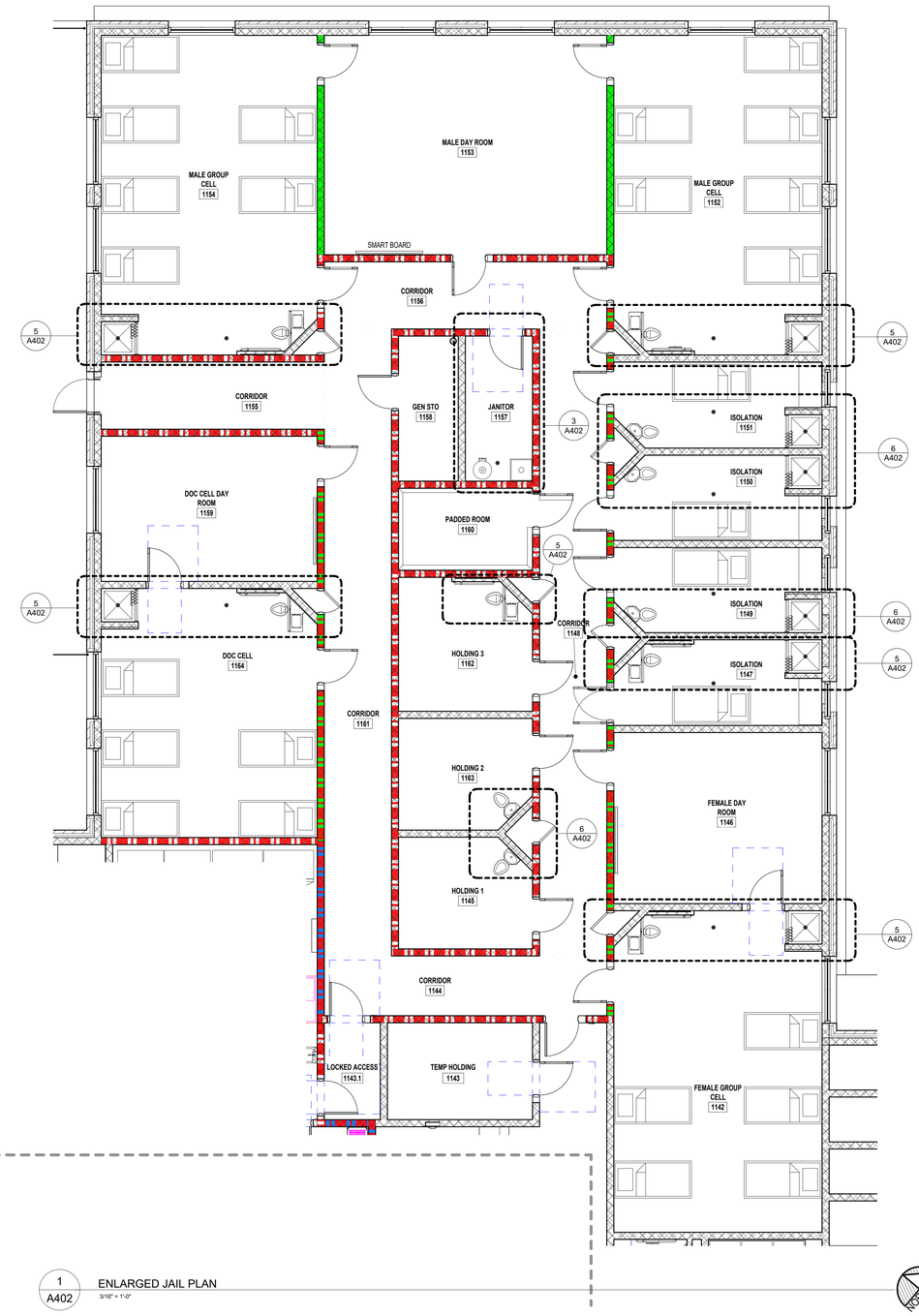
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RESTROOM/JANITOR ACCESSORY SCHEDULE

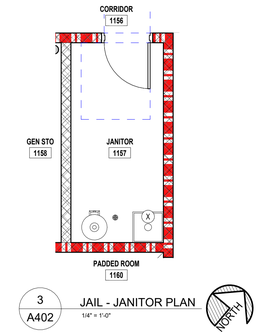
SYMBOL	ACCESSORY	MOUNTING HEIGHT	NOTES
A	36" GRAB BAR (REAR OF WC)	33" - 36" AFF	1
B	42" GRAB BAR (SIDE OF WC)	33" - 36" AFF	1
C	18" VERTICAL GRAB BAR	39" - 41" AFF TO CL OF ATTACHMENT	1, 5
D	TOILET TISSUE DISPENSER	18" MIN AFF MAX TO BOTTOM OF TISSUE	1
E	NOT USED	NOT USED	
F	BABY CHANGING STATION	ADA MOUNT PER MANUF	1
G	MIRROR 18" X 36"	40" AFF MAX TO REFLECTIVE SURFACE	2
H	SOAP DISPENSER	44"-48" MAX TO OPERABLE PART	1
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J	GARBAGE RECEPTACLE	---	4
K	MOP HOLDER W/ SHELF	---	1
L	FIBERGLASS REINFORCED PANEL (FRP)	---	3
M	ROBE HOOK	42" AFF ON RR SIDE OF DOOR	1
N	DRESSING ROOM SEAT	17" MIN - 19" MAX TO TOP OF SEAT	1
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Q	SHOWER CURTAIN AND CURTAIN ROD	---	1
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U	18" SECURITY VERTICAL GRAB BAR	39" - 41" AFF TO CL OF ATTACHMENT	1, 5
V	DETENTION TOILET TISSUE DISPENSER	18" MIN AFF MAX TO BOTTOM OF TISSUE	1
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X	SECURITY MOP HOLDER W/ SHELF	---	1
Y	SECURITY SHOWER CURTAIN AND CURTAIN ROD	---	1, 6

ACCESSORY NOTES

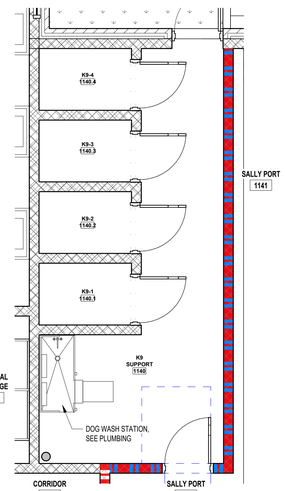
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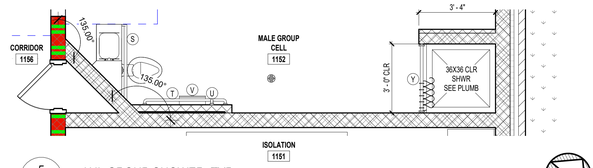
1 A402 ENLARGED JAIL PLAN
3/16" = 1'-0"



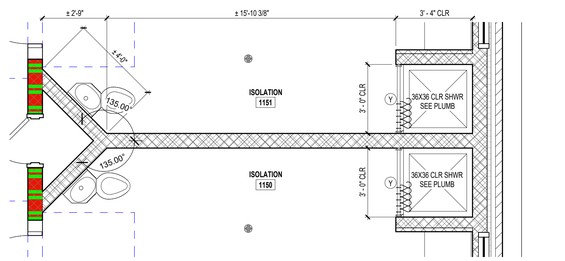
3 A402 JAIL - JANITOR PLAN
1/4" = 1'-0"



2 A402 ENLARGED K9 SUPPORT PLAN
1/4" = 1'-0"



5 A402 JAIL GROUP SHOWER, TYP
3/8" = 1'-0"



6 A402 JIAL - ISOLATION ENLARGED PLAN - TYP
3/8" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ENLARGED JAIL PLANS

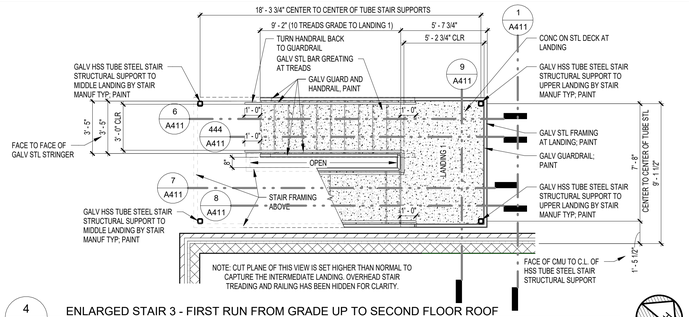
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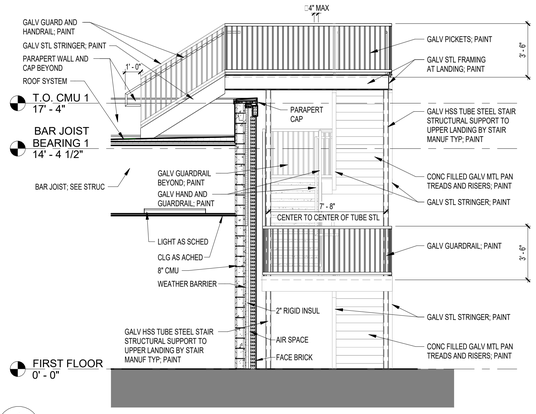
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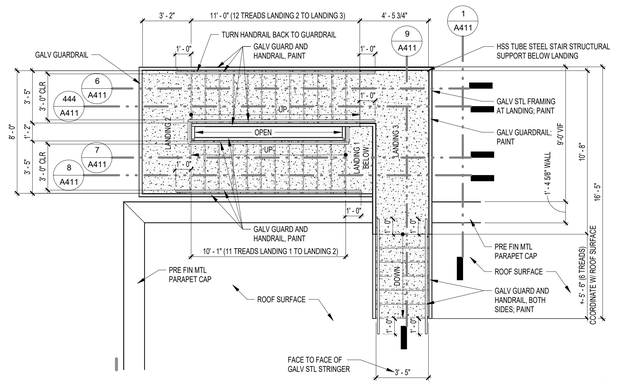
4 A411 ENLARGED STAIR 3 - FIRST RUN FROM GRADE UP TO SECOND FLOOR ROOF

1/4" = 1'-0"



1 A411 ENLARGED STAIR 3 - ELEVATION 1

1/4" = 1'-0"



5 A411 ENLARGED STAIR 3 - SECOND AND THIRD RUN UP TO SECOND FLOOR ROOF

1/4" = 1'-0"

6 A411 ENLARGED STAIR 3 - SECTION 1

1/4" = 1'-0"

444 A411 ENLARGED STAIR 3 - SECTION 3

1/4" = 1'-0"

9 A411 Detail 8

1/4" = 1'-0"

7 A411 ENLARGED STAIR 3 - SECTION 2

1/4" = 1'-0"

8 A411 ENLARGED STAIR 3 - SECTION 4

1/4" = 1'-0"

3 A411 SECOND FLOOR ROOF ACCESS STAIR

3/16" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

VERTICAL CIRCULATION STAIRS - PLANS SECTIONS AND DETAILS

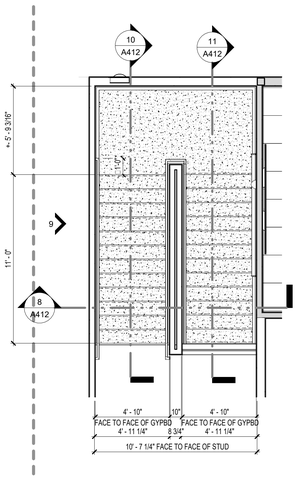
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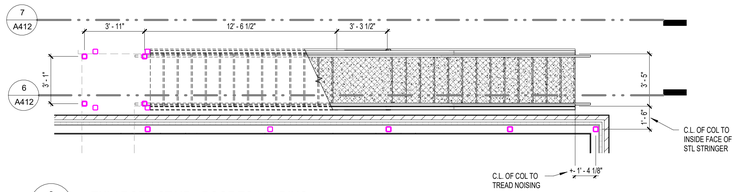
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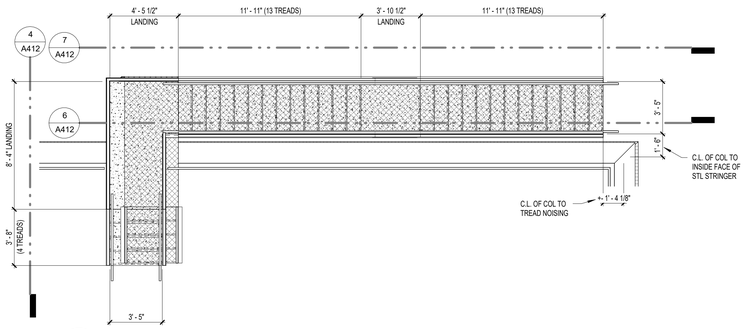
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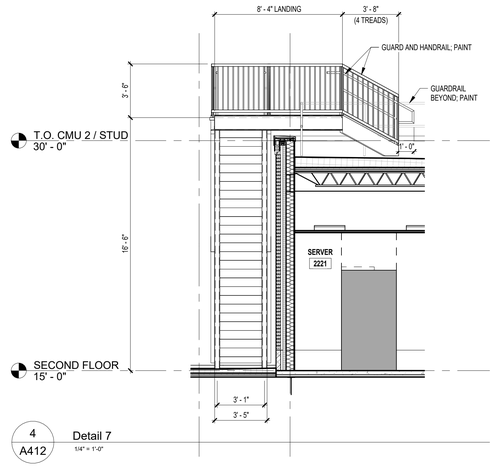
1 A412 ENLARGED STAIR 2231 - SECOND FLOOR PLAN
1/4" = 1'-0"



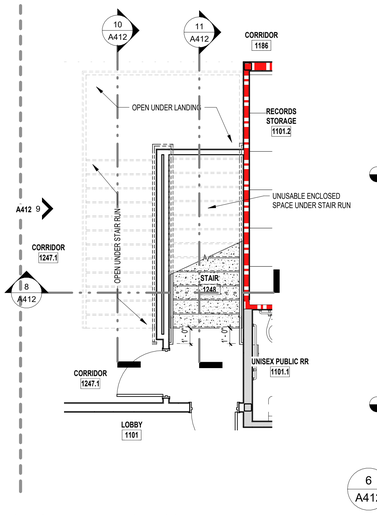
2 A412 ENLARGED STAIR - ROOF TO LANDING
1/4" = 1'-0"



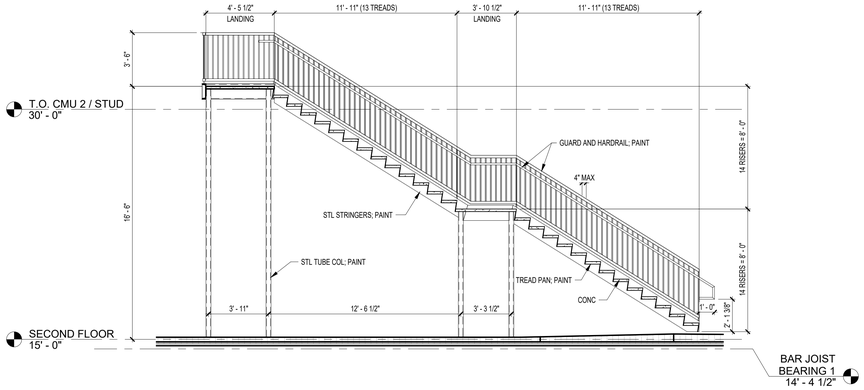
3 A412 ENLARGED STAIR 4 - SECOND FLOOR ROOF TO FIRST FLOOR ROOF
1/4" = 1'-0"



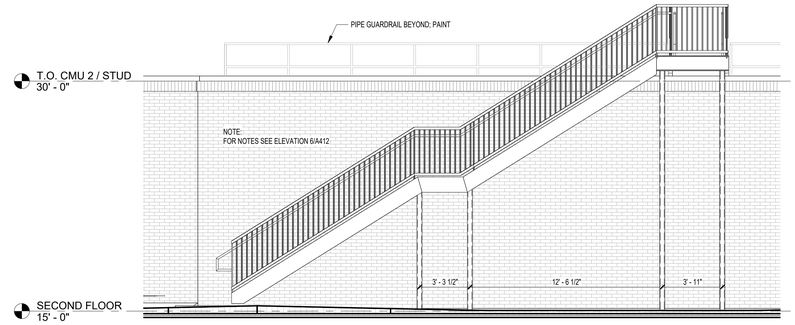
4 A412 Detail 7
1/4" = 1'-0"



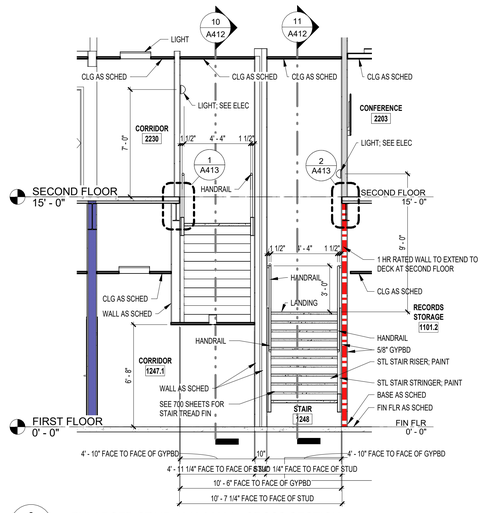
5 A412 ENLARGED STAIR 1248 - FIRST FLOOR PLAN
1/4" = 1'-0"



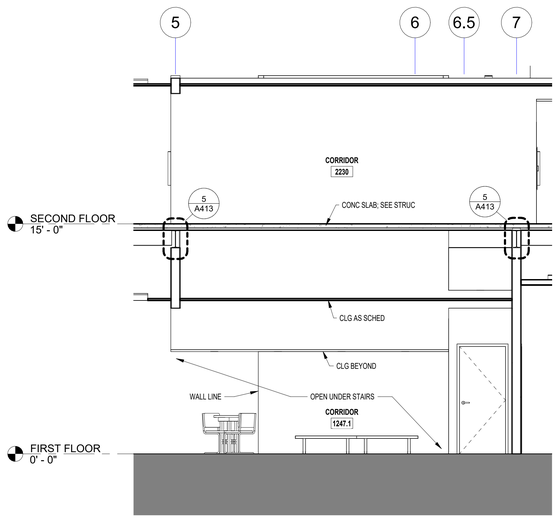
6 A412 STAIR SECTION 1
1/4" = 1'-0"



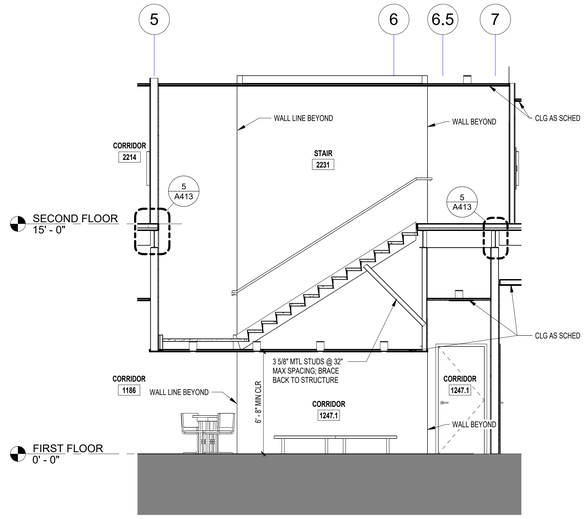
7 A412 STAIR SECTION 2
1/4" = 1'-0"



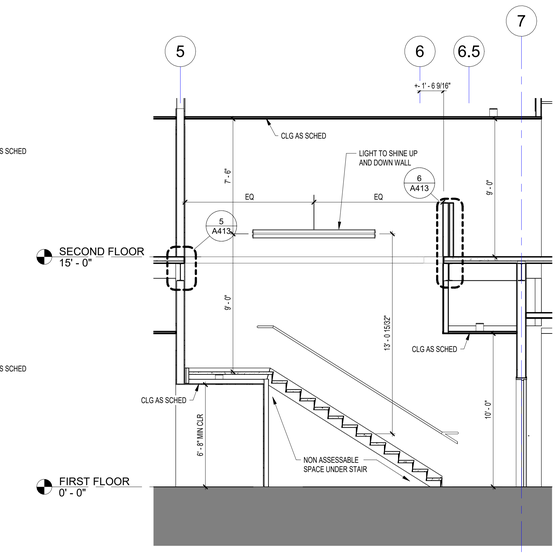
8 A412 ENLARGED STAIR 1248 / 2231 - CROSS SECTION
1/4" = 1'-0"



9 A412 ENLARGED STAIR 1248 / 2231 - RUN SECTION 1
1/4" = 1'-0"



10 A412 ENLARGED STAIR 1248 / 2231 - RUN SECTION 2
1/4" = 1'-0"



11 A412 ENLARGED STAIR 1248 / 2231 - RUN SECTION 3
1/4" = 1'-0"

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9107
LICENSED PROFESSIONAL ENGINEER
STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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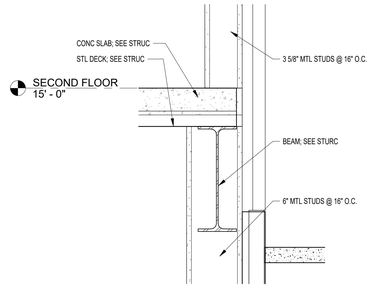
VERTICAL CIRCULATION STAIRS - PLANS SECTIONS AND DETAILS

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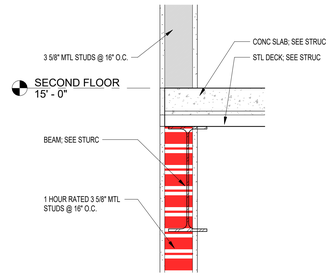
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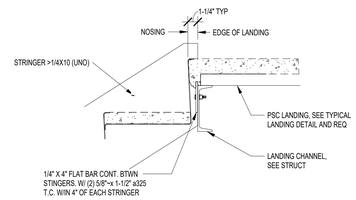
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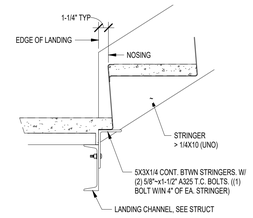
1 A413 WALL DETAIL 1 AT STAIR 1248 / 2231
1 1/2" = 1'-0"



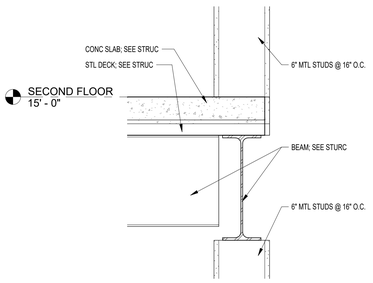
2 A413 WALL DETAIL 2 AT STAIR 1248 / 2231
1 1/2" = 1'-0"



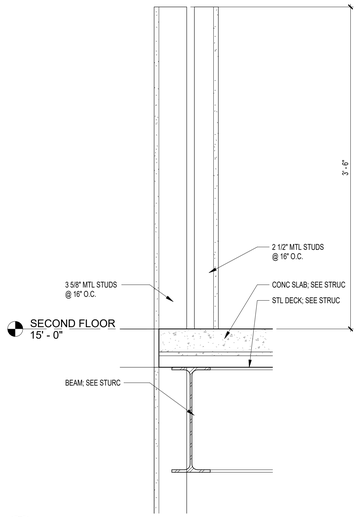
3 A413 STAIR - UPPER STAIR LANDING
1 1/2" = 1'-0"



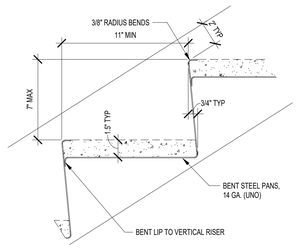
4 A413 STAIR - BOTTOM STAIR LANDING
1 1/2" = 1'-0"



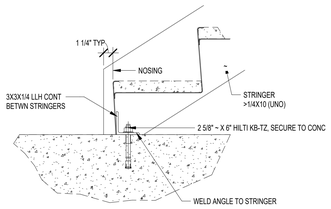
5 A413 WALL DETAIL 3 1248 / 2231 - RUN SECTION
1 1/2" = 1'-0"



6 A413 Section 44 - Callout 1
1 1/2" = 1'-0"



7 A413 STAIR- CONCRETE FILLED TREAD/RISER
1 1/2" = 1'-0"



8 A413 STAIR - CONNECTION TO CONC SLAB - ANCHOR
1 1/2" = 1'-0"

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VERTICAL CIRCULATION STAIRS - DETAILS

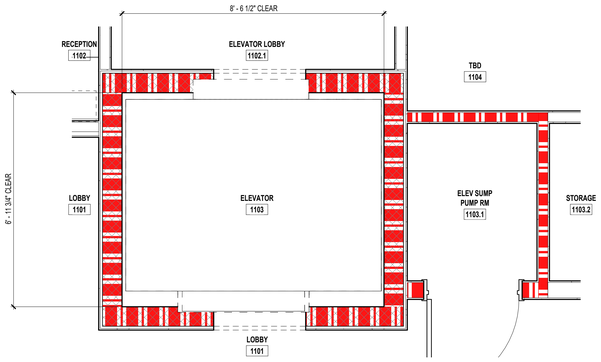
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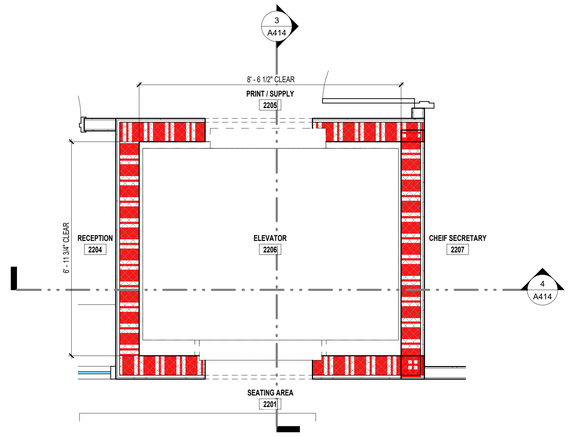
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GENERAL ELEVATOR NOTES

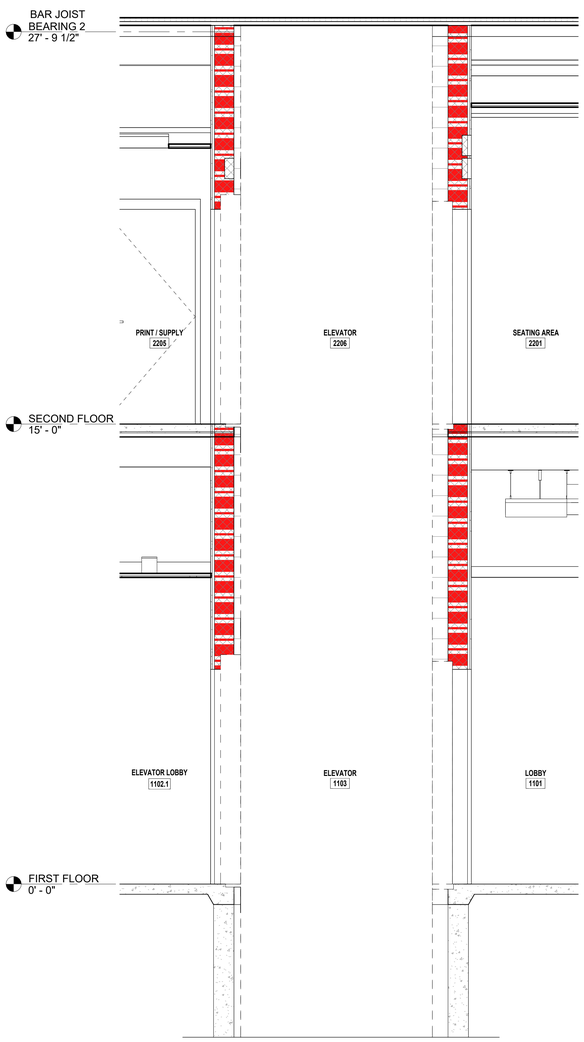
1. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATING WITH THE ELEVATOR MANUFACTURER DURING THE BIDDING PROCESS TO ENSURE ALL ELEMENTS REQUIRED FOR A COMPLETE AND CODE-COMPLIANT ELEVATOR INSTALLATION ARE PROVIDED, REGARDLESS OF WHAT IS SHOWN IN THE STRUCTURAL, ELECTRICAL, OR ARCHITECTURAL DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO, RAIL SUPPORTS, TRACKS, BEAMS, PIT FRAMING, SHAFT STRUCTURE, CLEARANCE FOR CONTROLS, AND ANY OTHER ADDITIONAL REQUIRED COMPONENTS INCLUDING LIFE SAFETY FEATURES. IF THE REQUIRED ITEMS ARE NOT BROUGHT TO THE ARCHITECT'S ATTENTION DURING THE BIDDING PHASE, THEN THE GENERAL CONTRACTOR WILL BE REQUIRED TO PROVIDE ALL ADDITIONAL ELEMENTS AT NO COST TO THE OWNER.



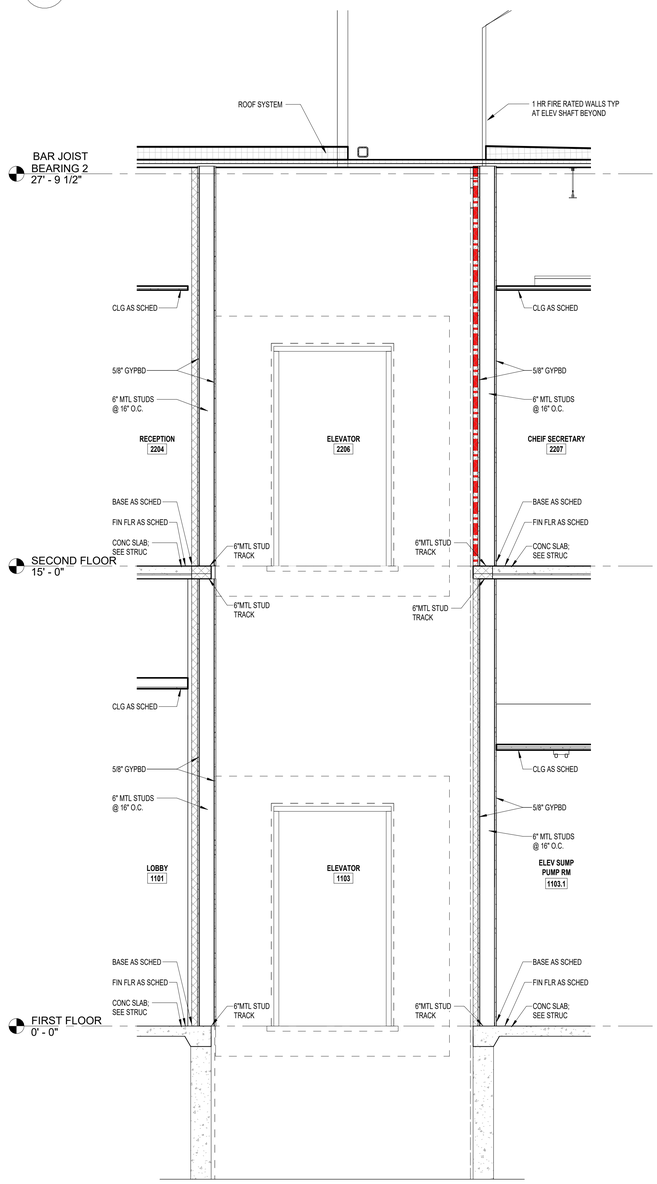
1 A414 FIRST FLOOR ENLARGED ELEVATOR PLAN
1/2" = 1'-0"



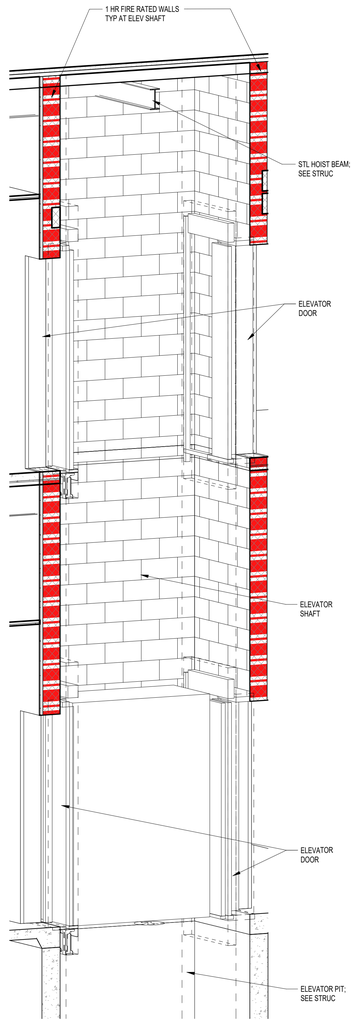
2 A414 SECOND FLOOR ENLARGED ELEVATOR PLAN
1/2" = 1'-0"



3 A414 ELEVATOR CROSS SECTION 1
1/2" = 1'-0"



4 A414 ELEVATOR CROSS SECTION 2
1/2" = 1'-0"



5 A414 ELEVATOR SHAFT - 3D VIEW
NOT TO SCALE

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VERTICAL CIRCULATION ELEVATOR - SECTIONS AND DETAILS

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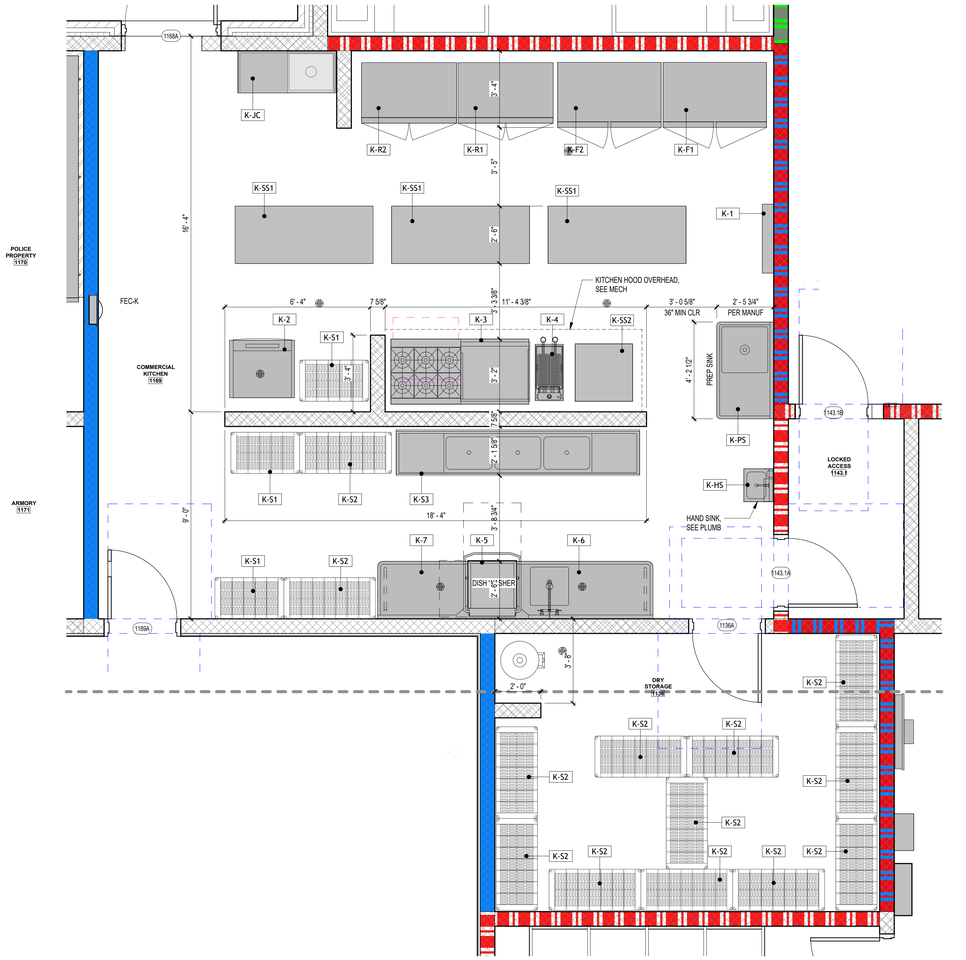
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KITCHEN EQUIPMENT SCHEDULE

NO.	TYPE	MANUFACTURER	PRODUCT	COUNT	SCOPE CFCI	SCOPE OFCI	SCOPE OFOI	REMARKS
K-1	KNIFE STORAGE SOLUTION	EDLUND	EDLUND KLC994	1		•		KEYED LCOKING HANDLE WITH FRONT VIEW WINDOW
K-2	ICE MAKER	IINDIGO NXT	IT0300 ICE CUBE MACHINE	1		•		ICE MACHINE AND STORAGE BIN
K-3	OVEN/RANGE/GRIDDLE	VULCAN	MODEL #: 72-SS-6B36C*	1		•		* = SEE MECH/ PLUMB FOR FUEL SOURCE
K-4	GAS FRYER	VULCAN	MODEL #: 1VEG35M	1		•		SEE MECH/ PLUMB FOR FUEL SOURCE
K-5	DISHWASHER	AUTO-CHLOR SYSTEM	A6	1		•		
K-6	DISHWASHER SIDE TABEL WITH SINK	ADVANCE TABCO	MODEL #:DTS-S70-72R	1		•		
K-7	DISHWASHER SIDE TABLE	ADVANCE TABCO	MODEL #: DTS-S70-48I	1		•		
K-F1	REACH IN FREEZER	ARCTIC AIR	AF49 TWO DOOR REACH IN FREEZER	1		•		
K-F2	REACH IN FREEZER - EXISTING	ARCTIC AIR	AF49 TWO DOOR REACH IN FREEZER	1		•		
K-HS	HANDWASH SINK	ADVANCE TABCO	MODEL #: 7-PS-69	1		•		
K-JC	JANITOR CABINET	ADVANCE TABCO	MODEL #: 9-0PC-84DR	1		•		
K-PS	WORK TABLE WITH SINK	ADVANCE TABCO	MODEL #: KLAG-11B304L-X	1		•		
K-R1	REACH IN REFRIGERATOR	EVEREST	ES SERIES	1		•		
K-R2	REACH IN REFRIGERATOR - EXISTING	EVEREST	ES SERIES	1		•		
K-S1	SS SHELVING 1	METRO OR APPROVED EQUAL	21x36x63 Legs, 4-Tier	3			•	
K-S2	SS SHELVING 2	METRO OR APPROVED EQUAL	21x48x63 Legs, 4-Tier	13			•	
K-S3	3 COMPARTMENT SINK	ADVANCE TABCO	MODEL #: 94-43-72-24RL	1		•		
K-SS1	STAINLESS STEEL PREP TABLE	REGENCY OR APPROVED EQUAL	30" X 72" 14 GAUGE COMMERCIAL WORK TABLE	3			•	WITH UNDERSHELF
K-SS2	STAINLESS STEEL PREP TABLE 2	REGENCY OR APPROVED EQUAL	30" X 30" 14 GAUGE COMMERCIAL WORK TABLE	1			•	WITH UNDERSHELF

KITCHEN EQUIP. GENERAL NOTES

1. SEE MECHANICAL , ELECTRICAL AND PLUMBING FOR ASSOCIATED WORK FOR SCHEDULED EQUIPMENT.
2. GENERAL CONTRACTOR SHALL ENSURE ALL PARTS AND COMPONENTS FOR UNITS K-5,K-6, AND K-7 ARE INCLUDED IN THE FULL ASSEMBLY AND COORDINATED WITH EACH RESPESCTIVE PIECE FOR FULL FUNCTIONALITY.
3. FIRE EXTINGUISHER CABINETS ARE DENOTED ON PLANS AS FEC AND/OR FEC-K AND WALL HUNG FIRE EXTINGUISHERS ARE DENOTED ON PLANS AS FE. SEE LIFE SAFETY SHEETS FOR DIMENSIONED LOCATIONS AND PLACEMENT.



1 A420 ENLARGED KITCHEN PLAN

3/8" = 1'-0"

NORTH

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

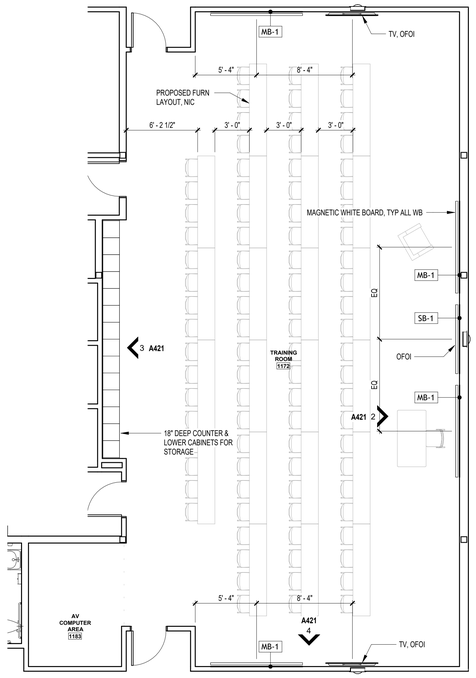
ENLARGED KITCHEN PLAN AND EQUIPMENT SCHEDULE

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A420

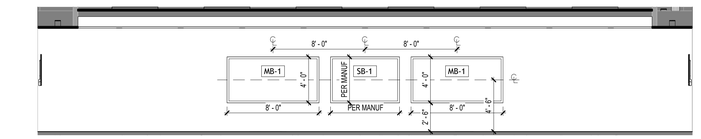
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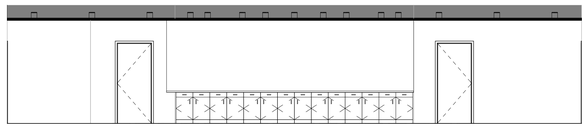
1 A421 TRAININ ROOM EQUIPMENT LAYOUT PLAN

3/16" = 1'-0"



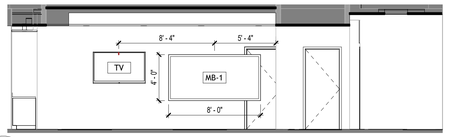
2 A421 TRAINING ROOM ELEV - 1

3/16" = 1'-0"



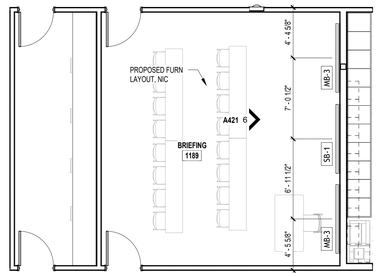
3 A421 TRAINING ROOM ELEV - 2

3/16" = 1'-0"



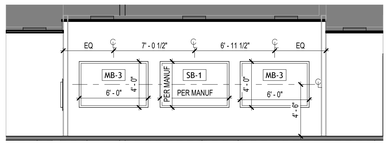
4 A421 TRAINING ROOM ELEV - 3

3/16" = 1'-0"



5 A421 BRIEFING ROOM EQUIPMENT LAYOUT PLAN

3/16" = 1'-0"



6 A421 BRIEFING ROOM ELEV

3/16" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: VJH, MAJ,
CHECKED BY: BAJ

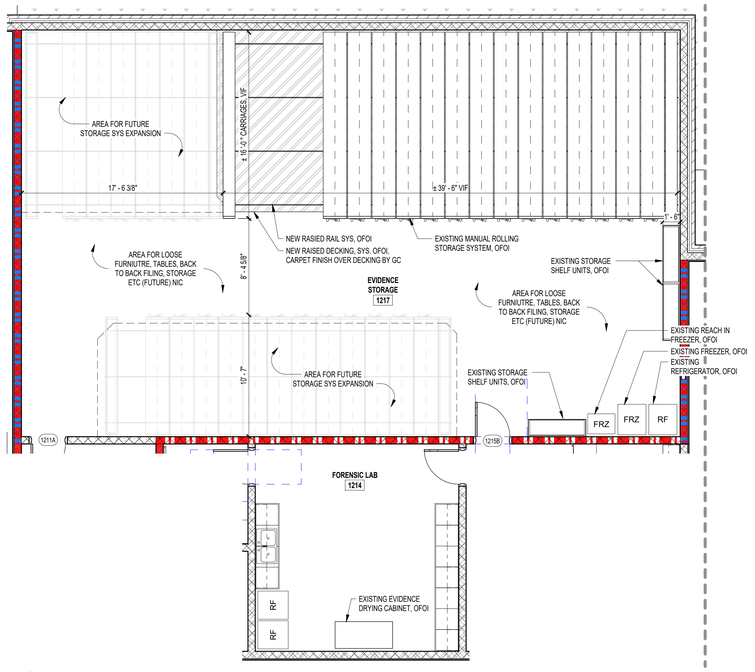
ENLARGED PLANS - EQUIPMENT SCHEDULE

NO.	DATE	REVISION / SUBMITTAL
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A421

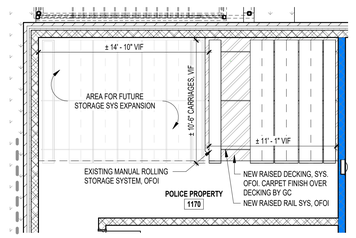
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1 A422 ENLARGED EVIDENCE STORAGE EQUIPMENT COORDINATION

3/16" = 1'-0"



2 A422 ENLARGED POLICE PROPTERTY STORAGE EQUIPMENT COORDINATION

3/16" = 1'-0"

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911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ENLARGED POLICE PROPERTY, EVIDENCE ROOM, AND FORENSIC LAB EQUIPMENT PLANS

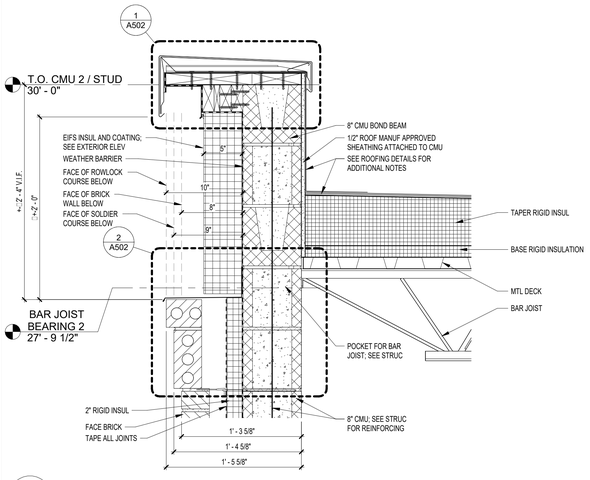
NO.	DATE	REVISION / SUBMITTAL
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A422

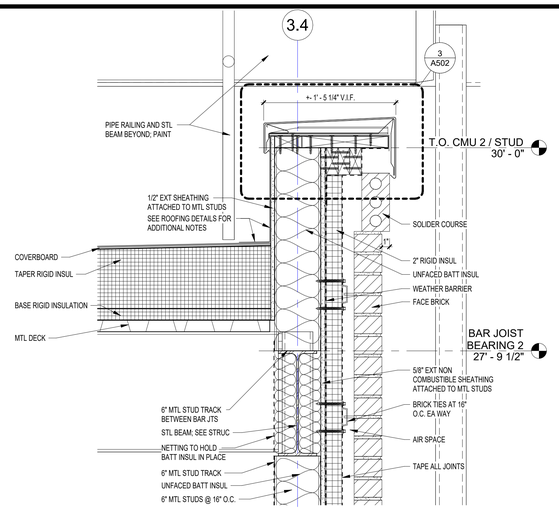
VERIFY SCALES

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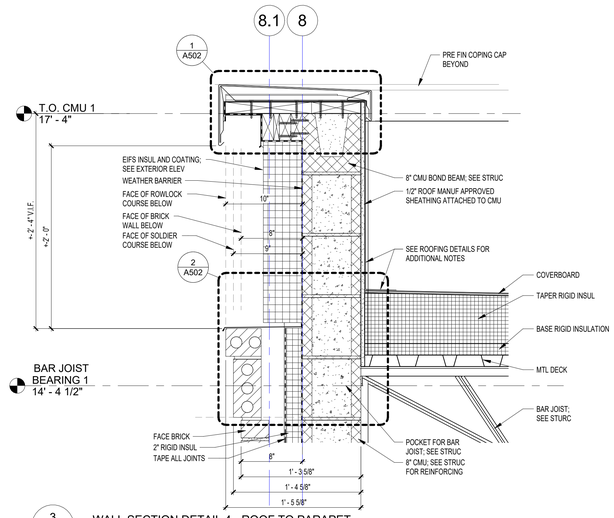
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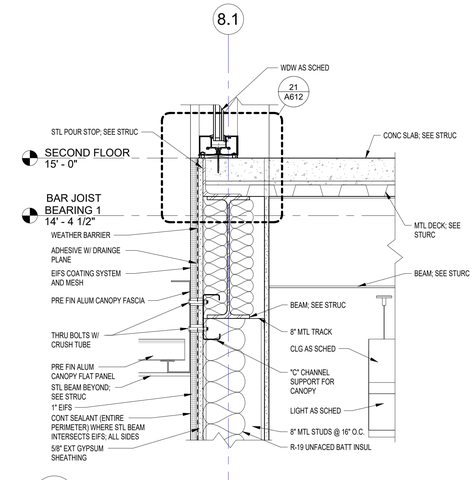
1 A501 WALL SECTION DETAIL 1 - ROOF TO PARAPET
1 1/2" = 1'-0"



2 A501 WALL SECTION DETAIL 2 - ROOF TO PARAPET
1 1/2" = 1'-0"



3 A501 WALL SECTION DETAIL 4 - ROOF TO PARAPET
1 1/2" = 1'-0"



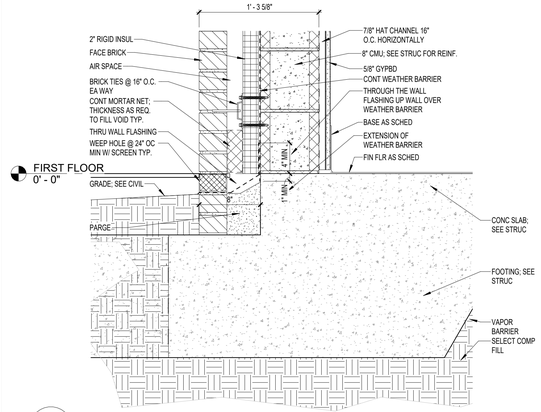
4 A501 WALL SECTION DETAIL - ENTRY CANOPY TO WALL
1 1/2" = 1'-0"

5 A501 WALL SECTION DETAIL 1 - ROOF TO WALL
1 1/2" = 1'-0"

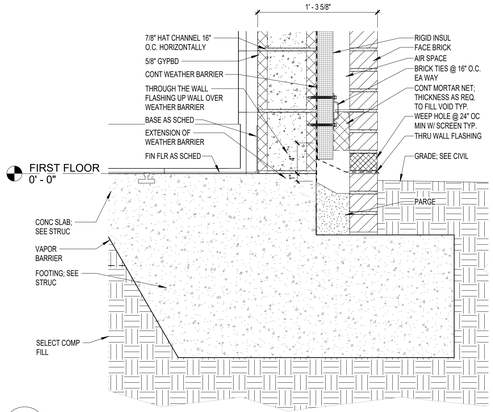
6 A501 WALL SECTION DETAIL 2 - ROOF TO WALL
1 1/2" = 1'-0"

7 A501 WALL SECTION DETAIL 3 - ROOF TO PARAPET
1 1/2" = 1'-0"

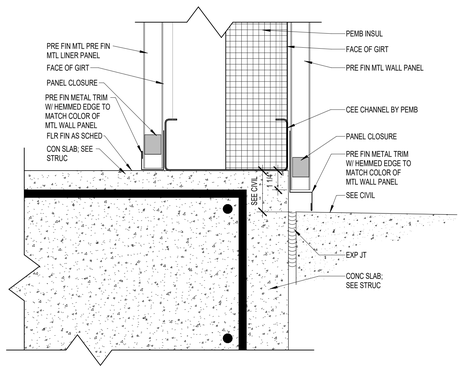
8 A501 WALL SECTION DETAIL 1 AT CORNER WINDOW
1 1/2" = 1'-0"



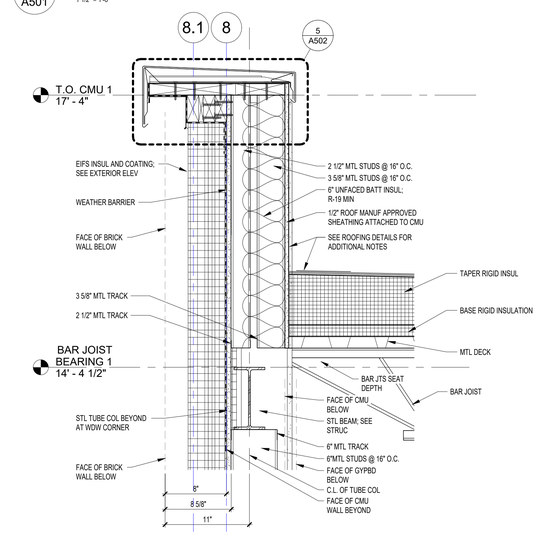
9 A501 WALL SECTION DETAIL WITH GYPSUM BOARD
1 1/2" = 1'-0"



10 A501 WALL SECTION DETAIL WITHOUT GYPSUM BOARD
1 1/2" = 1'-0"



11 A501 WALL SECTION DETAIL AT PEMB
3" = 1'-0"



12 A501 WALL SECTION DETAIL 2 AT CORNER WINDOW
1 1/2" = 1'-0"

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STATE OF LOUISIANA

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FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

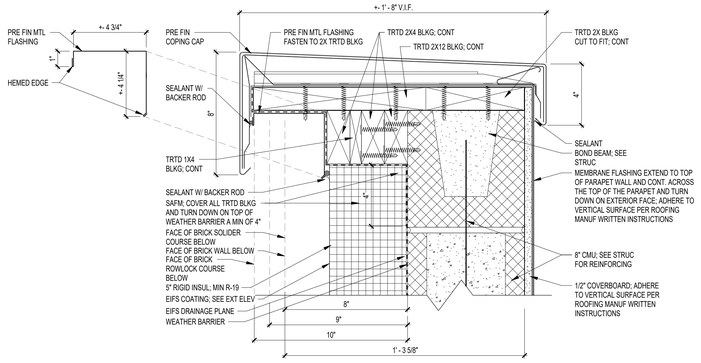
SCALE: AS INDICATED
PROJECT NO:0315.23.001
DRAWN BY: MAJ,
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WALL SECTION DETAILS

NO.	DATE	REVISION / SUBMITTAL
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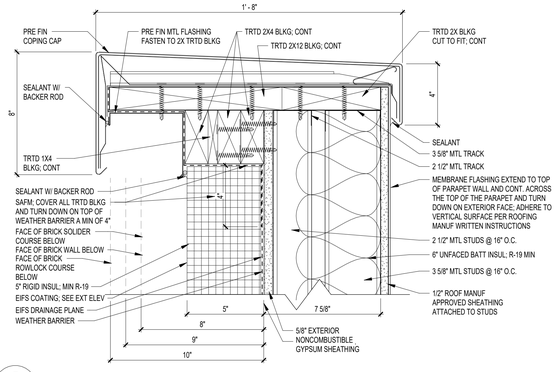
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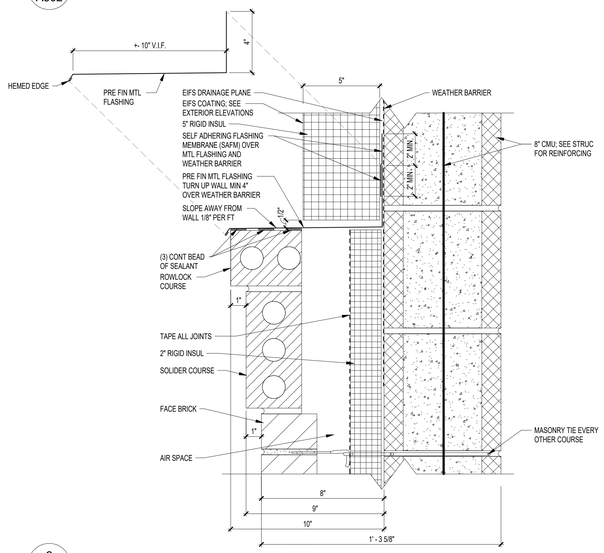
1 A502 WALL SECTION DETAIL 1 - COPING CAP AT EIFS

3" = 1'-0"



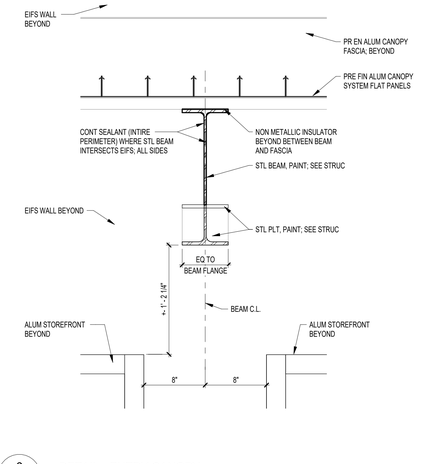
5 A502 WALL SECTION DETAIL 5 - COPING CAP AT EIFS AT CORNER WINDOW

3" = 1'-0"



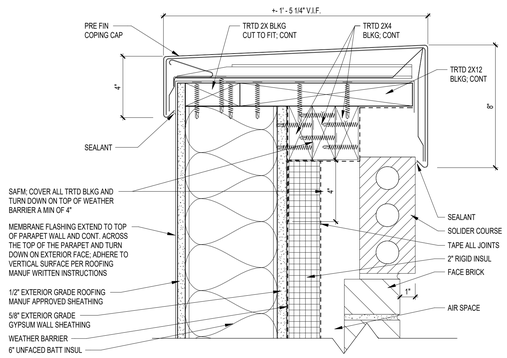
2 A502 WALL SECTION DETAIL 2 - EIFS TO BRICK

3" = 1'-0"



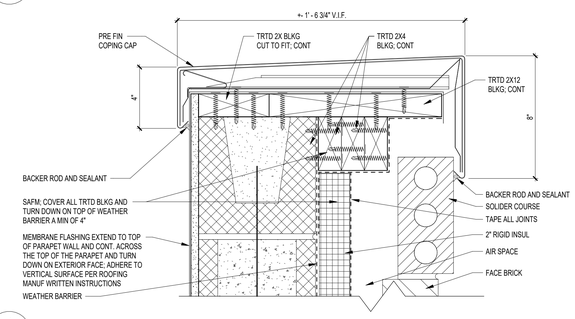
6 A502 DETAIL - ENTRY CANOPY

1 1/2" = 1'-0"



3 A502 WALL SECTION DETAIL 3 - COPING CAP STUD / BRICK WALL

3" = 1'-0"



4 A502 WALL SECTION DETAIL 4 - COPING CAP CMU / BRICK WALL

3" = 1'-0"

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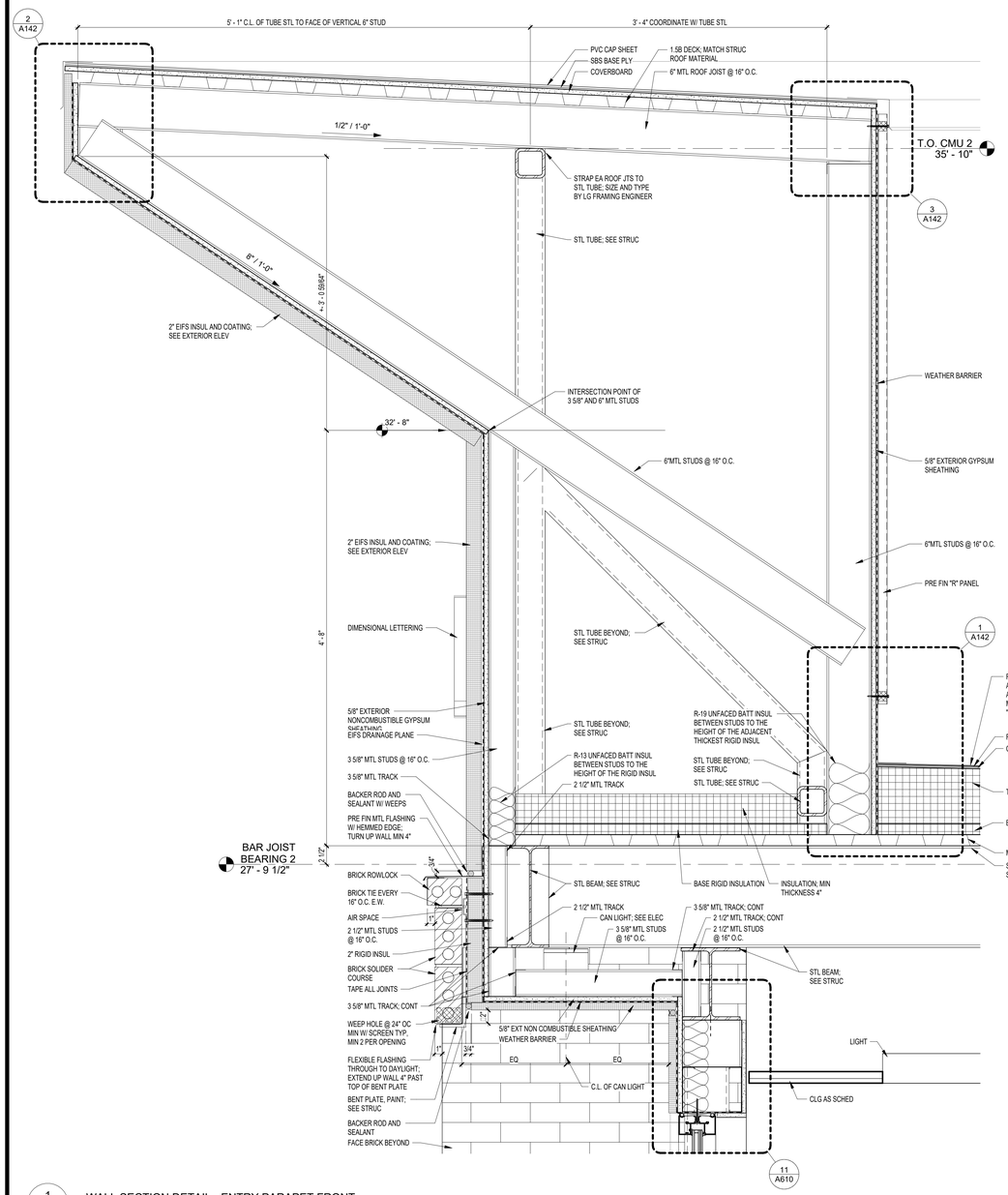
A502

VERIFY SCALES

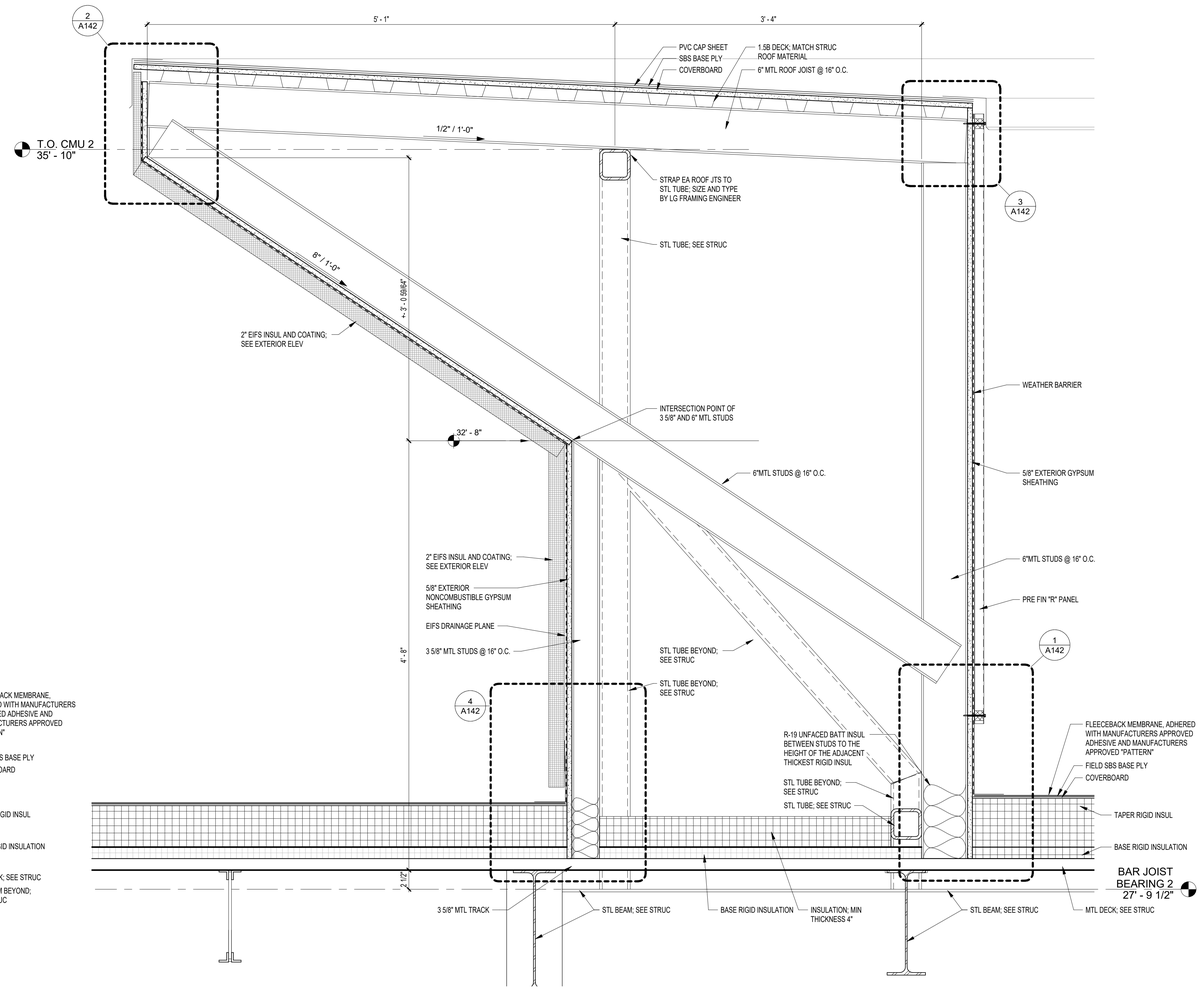
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1 / A503 WALL SECTION DETAIL - ENTRY PARAPET FRONT
1 1/2" = 1'-0"



2 / A503 WALL SECTION DETAIL - ENTRY PARAPET SIDE RETURNS
1 1/2" = 1'-0"

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Bradford A. Jones
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

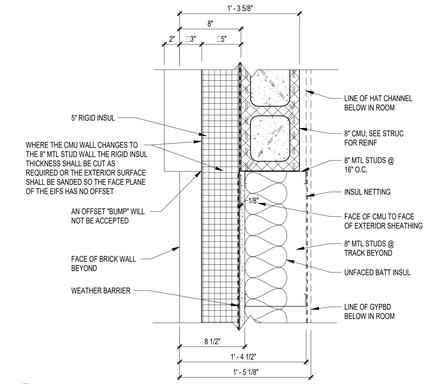
SCALE: AS INDICATED
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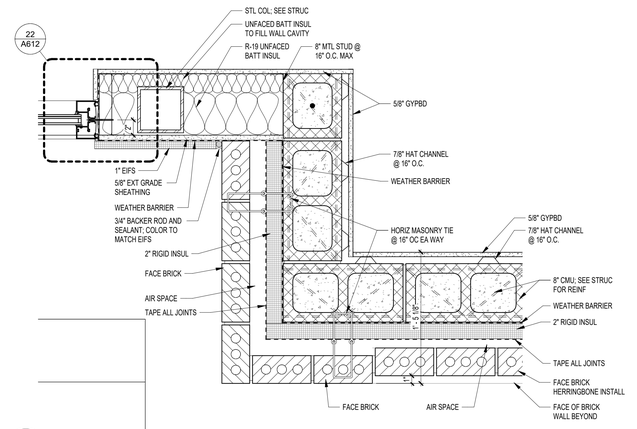
A503

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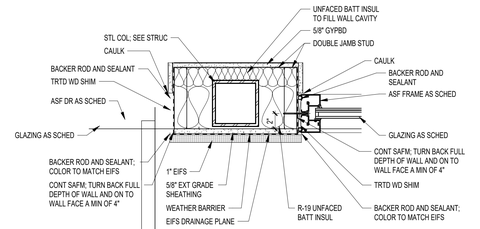
1 A520 ENLARGED PLAN - CMU TO STUD WALL

1 1/2" = 1'-0"



2 A520 ENLARGED PLAN DETAIL ASF TO EIFS AND BRICK

1 1/2" = 1'-0"



3 A520 ENLARGED PLAN DETAIL DR AND WDW JAMB AT EIFS

1 1/2" = 1'-0"

4/10/2026 3:23:14 PM

THE ORIGINAL, SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR, SUBCONTRACTOR, AND/OR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERED PLAN SET SHALL OVERRIDE ANY DISCREPANCIES IN ELECTRONIC FILES.

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Bradford A. Jones 9107 REGISTERED ARCHITECT

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

ENLARGED PLAN DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A520

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

OPENING SCHEDULE - FIRST FLOOR

DOOR NO.	DOOR						FRAME						RATING	CLOSER REQ.	ACCESS CONTROL	JAIL SECURITY CONTROLS	REMARKS	DOOR NO.
	SINGLE/PAIR	W	H	TYPE	MAT'L	GLASS	MAT'L	TYPE	GLASS	HEAD	JAMB	SILL						
1.1 FG	S	3' - 0"	7' - 0"	---	---	---	---	---	---	---	---	---			•			1.1 FG
1101.1A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1101.1A
1101.2A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	12/A612	45 MIN	•				1101.2A
1101A	P	6' - 0"	8' - 0"	2	ASF	G-6	ASF	3	IG-1	12/A610	3/A520	10/A611	---	•				1101A
1101B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•	•		A	1101B
1101C	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•	•		A	1101C
1101D	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•	•		A	1101D
1102A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1102A
1103.1A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	12/A612	45 MIN	•				1103.1A
1104A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1104A
1104B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1104B
1105A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•	•		A	1105A
1105B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•	•			1105B
1106A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1106A
1107A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1107A
1108A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1108A
1109A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1109A
1110A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1110A
1111A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1111A
1112A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1112A
1113A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1113A
1114A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---		•			1114A
1115A	---	3' - 0"	7' - 0"	---	---	---	HM	2	---	13/A612	14/A612	---	---					1115A
1116A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1116A
1118A	S	3' - 0"	7' - 0"	2	WD	---	HM	2	---	1/A612	2/A612	---	---					1118A
1119A	---	3' - 0"	7' - 0"	---	---	---	HM	2	---	13/A612	14/A612	---	---					1119A
1120A	S	3' - 0"	6' - 8"	1	GHMI	---	GHMI	1	---	8/A611	9/A611	11/A611	---	•	•		B	1120A
1121A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---		•			1121A
1123A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1123A
1124A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1124A
1125.1A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1125.1A
1125A	---	3' - 0"	7' - 0"	---	---	---	HM	2	---	13/A612	14/A612	---	---					1125A
1126A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1126A
1127A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	45 MIN	•				1127A
1128.1A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	10/A612	11/A612	---	45 MIN	•		•		1128.1A
1128A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1128A
1130A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	---	•		•		1130A
1131A	---	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	---	•	•			1131A
1133A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	---	•	•			1133A
1134A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	10/A612	11/A612	---	45 MIN	•		•	D	1134A
1134B	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	4	---	14/A611	15/A611	11/A611	---	•		•	D	1134B
1135A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	---	•		•		1135A
1136A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	---	•				1136A
1139A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	---	•		•		1139A
1138B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	12/A612	---					1138B
1138C	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1138C
1138D	S	2' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	12/A612	---				C	1138D
1139A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	---			•		1139A
1140.1A	S	3' - 0"	7' - 0"	6	FRP	G-2	GHM	1	---	5/A612	6/A612	---	---					1140.1A
1140.2A	S	3' - 0"	7' - 0"	6	FRP	G-2	GHM	1	---	5/A612	6/A612	---	---					1140.2A
1140.3A	S	3' - 0"	7' - 0"	6	FRP	G-2	GHM	1	---	5/A612	6/A612	---	---					1140.3A
1140.4A	S	3' - 0"	7' - 0"	6	FRP	G-2	GHM	1	---	5/A612	6/A612	---	---					1140.4A
1140A	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	5/A612	6/A612	---	45 MIN	•				1140A
1140B	S	3' - 0"	7' - 0"	7	GHMI	G-6	GHMI	1	---	14/A611	15/A611	11/A611	---	•	•			1140B
1141A	S	3' - 0"	7' - 0"	1	GHM	---	GHM	4	---	5/A612	6/A612	---	45 MIN	•		•	D	1141A
1141B	S	10' - 0"	10' - 0"	9	CODI	G-6	STL	5	---	1/A613	2/A613	3/A613	---			•		1141B
1141C	S	10' - 0"	10' - 0"	9	CODI	G-6	STL	5	---	1/A613	2/A613	3/A613	---			•		1141C
1141D	S	10' - 0"	10' - 0"	9	CODI	G-6	STL	5	---	1/A613	2/A613	3/A613	---			•		1141D
1141E	S	10' - 0"	10' - 0"	9	CODI	G-6	STL	5	---	1/A613	2/A613	3/A613	---			•		1141E
1142A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1142A
1143.1A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN	•	•			1143.1A
1143.1B	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•	D	1143.1B
1143A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	---	•		•		1143A
1144A	S	3' - 0"	7' - 0"	1	SHM	---	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1144A
1145A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1145A
1146A	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1146A
1146B	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	---	•		•		1146B
1147A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1147A
1148A	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1148A
1148B	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	---				E	1148B
1148C	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1148C
1148D	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1148D
1148E	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1148E
1148F	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1148F
1149A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1149A
1150A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1150A
1151A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1151A
1152A	S	3' - 0"	7' - 0"	5	SHM	---	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1152A
1153A	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1153A
1153B	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	---	•		•		1153B
1153C	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	---	•		•		1153C
1154A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1154A

OPENING SCHEDULE - OUT BUILDING GARAGE

DOOR NO.	DOOR						FRAME						RATING	CLOSER REQ.	ACCESS CONTROL	REMARKS	DOOR NO.
	SINGLE/PAIR	W	H	TYPE	MTL	GLASS	MTL	TYPE	GLASS	HEAD	JAMB	SILL					
G101A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G101A
G101B	S	0' - 0"	0' - 0"	8	PODI	G-6	STL	5	---	6/A613	7/A613	8/A613	---				G101B
G102A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G102A
G104A	S	3' - 0"	6' - 8"	1	GHM	---	GHM	2	---	1/A612	2/A612	---	---	•			G104A
G105A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G105A
G105B	S	0' - 0"	0' - 0"	8	PODI	G-6	STL	5	---	6/A613	7/A613	8/A613	---				G105B
G106A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G106A
G106B	S	0' - 0"	0' - 0"	8	PODI	G-6	STL	5	---	6/A613	7/A613	8/A613	---				G106B
G107A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G107A
G107B	S	0' - 0"	0' - 0"	8	PODI	G-6	STL	5	---	6/A613	7/A613	8/A613	---				G107B
G108A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	2	---	4/A613	5/A613	11/A611	---	•	•		G108A
G108B	S	0' - 0"	0' - 0"	8	PODI	G-6	STL	5	---	6/A613	7/A613	8/A613	---				G108B

OPENING ABBREVIATONS KEY

ASF	ALUMINUM STOREFRONT
CODI	COILING OVERHEAD DOOR INSULATED
GHM	GALVANIZED HOLLOW METAL
GHMI	GALVANIZED HOLLOW METAL INSULATED
HM	HOLLOW METAL
HMI	HOLLOW METAL INSULATED
PODI	PANEL OVERHEAD DOOR INSULATED
SHM	SECURITY HOLLOW METAL - PER SPECIFICATIONS
STL	STEEL
WD	SOLID CORE WOOD

OPENING SCHED REMARKS

A. THIS OPENING REQUIRES BUZZ THROUGH ACCESS CONTROL FROM THE FRONT RECEPTION DESK.

B. JAMB AT HNG SHALL BE SET FLUSH TO EDGE OF EXTERIOR FACE BRICK. SEE THE FLOOR PLAN FOR PLACEMENT.

C. JAMB AT HINGS SHALL BE SET AT 2 INCHES OFF ADJACENT WALL.

D. DETENTION DOOR SECURITY CONTROLS SHALL INCLUDE AN AUDIO AND VISUAL INTERFACE WITH COMMUNICATION BACK TO THE MAIN CONTROL LOCATED AT 'BOOKING'

E. JAIL UTILITY DOORS BEHIND TOILETS, FULL SIZE DOORS, FLUSH PULL WITH DEADBOLT. NO PROTRUDING HARDWARE.

GLAZING TYPES

G-2 CLEAR SAFETY GLAZING
APPLICATION: INTERIOR WINDOWS

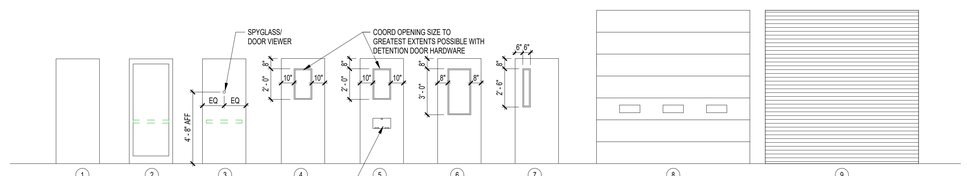
G-5 DETENTION SAFETY 3-PLY GLAZING
APPLICATION: DETENTION DOOR LITES

G-6 SOLAR CONTROL LAMINATED TINTED GLAZING
HURRICANE IMPACT RESISTANCE GLAZING
APPLICATION: EXTERIOR DOOR GLAZING

G-7 GLASS CLAD POLYCARBONATE SECURITY GLAZING.
UL 752 - LEVEL 2
APPLICATION: EXTERIOR DETENTAION WINDOWS

G-8 GLASS CLAD POLYCARBONATE SECURITY GLAZING.
UL 752 - LEVEL 8
APPLICATION: INTERIOR RECEPTION GLAZING.

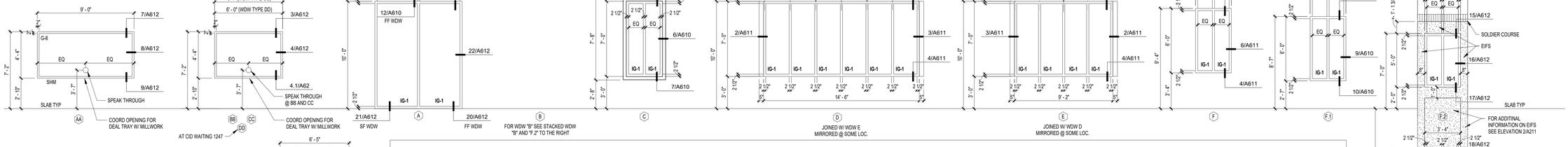
IG-1 SOLAR CONTROL INSULATED LAMINATED TINTED GLAZING
HURRICANE IMPACT RESISTANCE GLAZING
APPLICATION: EXTERIOR GLAZING

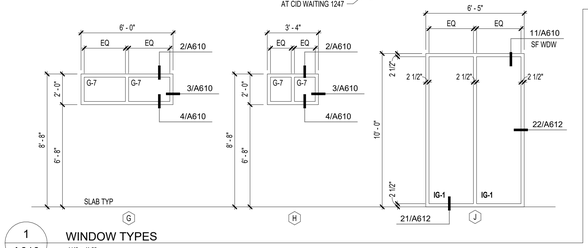


1 A601 DOOR TYPES
1/4" = 1'-0"

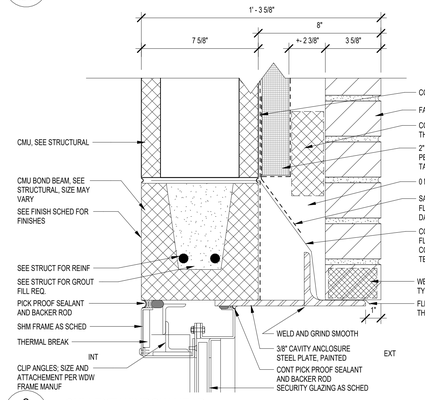
OPENING SCHEDULE - FIRST FLOOR

DOOR NO.	DOOR						FRAME						RATING	CLOSER REQ.	ACCESS CONTROL	JAIL SECURITY CONTROLS	REMARKS	DOOR NO.
	SINGLE/PAIR	W	H	TYPE	MAT'L	GLASS	MAT'L	TYPE	GLASS	HEAD	JAMB	SILL						
1155A	S	3' - 0"	7' - 0"	1	SHM	G-5	SHM	4	---	14/A611	15/A611	11/A611	---	•		•		1155A
1157A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN					1157A
1158A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN					1158A
1159A	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1159A
1159B	S	3' - 0"	7' - 0"	4	SHM	G-5	SHM	4	---	5/A612	6/A612	---	---	•		•		1159B
1160A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1160A
1161A	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1161A
1161B	S	2' - 0"	7' - 0"	1	HM	---	HM	1	---	5/A612	6/A612	---	45 MIN				E	1161B
1162A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1162A
1163A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1163A
1164A	S	3' - 0"	7' - 0"	5	SHM	G-5	SHM	4	---	5/A612	6/A612	---	45 MIN	•		•		1164A
1168A	S	4' - 0"	7' - 0"	3	GHMI	---	GHMI	1	---	14/A611	15/A611	11/A611	---	•	•			1168A
1169A	S	3' - 0"	7' - 0"	1	HM	---	HM	1	---	10/A612	11/A612	---	---	•	•			1169A
1170A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	10/A612	11/A612	---	---	•	•			1170A
1171A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	---	•				1171A
1172A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1172A
1172B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1172B
1173A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1173A
1174A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1174A
1175A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1175A
1177A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1177A
1178A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1178A
1179A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1179A
1181A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1181A
1182A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1182A
1184A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	5/A612	6/A612	---	---	•				1184A
1185A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	5/A612	6/A612	---	---	•				1185A
1186A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---		•			1186A
1187A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1187A
1188A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1188A
1189.1A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1189.1A
1189.1B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1189.1B
1189A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1189A
1189B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1189B
1190A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1190A
1191A	S	3' - 0"	7' - 0"	2	ASF	G-6	ASF	3	---	9/A613	10/A613	10/A611	---		•			1191A
1191B	S	3' - 0"	7' - 0"	2	ASF	G-6	ASF	3	---	9/A613	10/A613	10/A611	---		•			1191B
1192A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1192A
1193A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1193A
1194A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1194A
1196A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1196A
1197A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1197A
1198A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1198A
1199A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1199A
1200A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1200A
1201A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1201A
1202A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1202A
1203A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1203A
1204A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1204A
1207A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1207A
1208A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1208A
1208B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1208B
1209A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1209A
1210B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---		•			1210B
1211A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	---					1211A
1212A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	---	•				1212A
1213A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	10/A612	11/A612	---	---					1213A
1214B	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	---					1214B
1215A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	10/A612	11/A612	---	---	•	•			1215A
1215B	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	5/A612	6/A612	---	45 MIN					1215B
1216A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	10/A612	11/A612	---	---					1216A
1219A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	45 MIN	•				1219A
1220A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	1	---	8/A611	9/A611	11/A611	---	•	•			1220A
1221A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1221A
1222A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1222A
1223A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1223A
1224A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1224A
1225A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---	•				1225A
1226.1A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1226.1A
1226A	S	3' - 0"	7' - 0"	1	GHMI	---	GHMI	1	---	8/A611	9/A611	11/A611	---	•	•			1226A
1227A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1227A
1228A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1228A
1229A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1229A
1230A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1230A
1231A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1231A
1232A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1232A
1233A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1233A
1234A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1234A
1235A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1235A
1236A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1236A
1236B	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1236B
1238A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1238A
1239A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1239A
1240A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1240A
1241A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1241A
1242A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1242A
1243A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	---	---					1243A
1245A	S	3' - 0"	7' - 0"	1	WD	---	HM	2	---	1/A612	2/A612	--

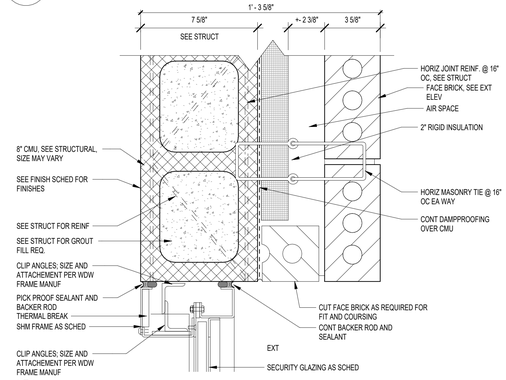




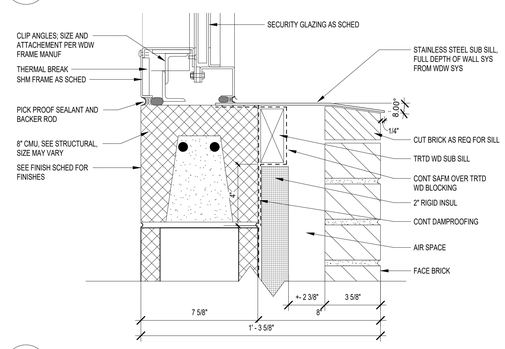
1 A610 **WINDOW TYPES**
1/4" = 1'-0"



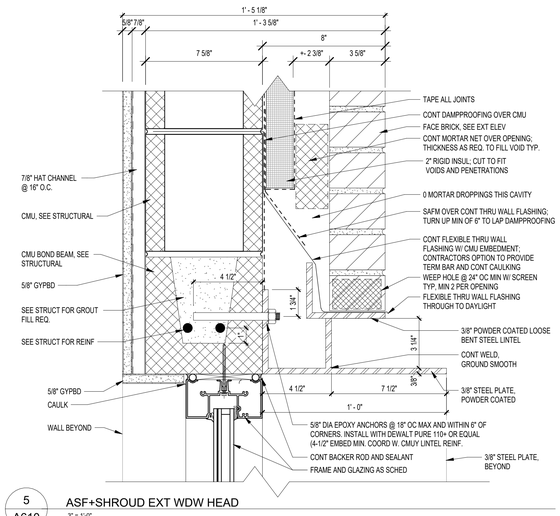
2 A610 **SHM EXT WINDOW HEAD**
3" = 1'-0"



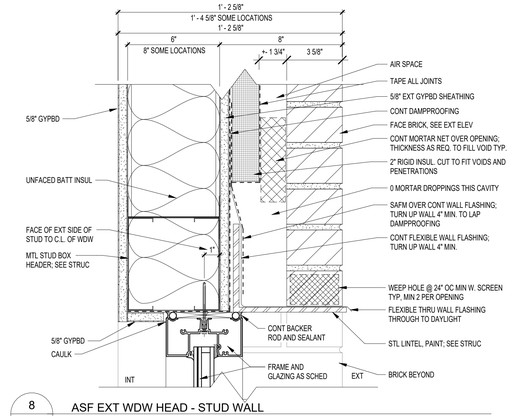
3 A610 **SHM EXTERIOR WINDOW JAMB**
3" = 1'-0"



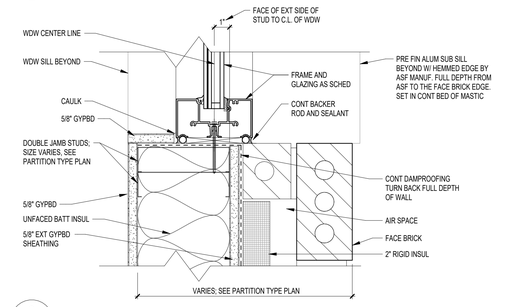
4 A610 **SHM EXTERIOR WINDOW SILL**
3" = 1'-0"



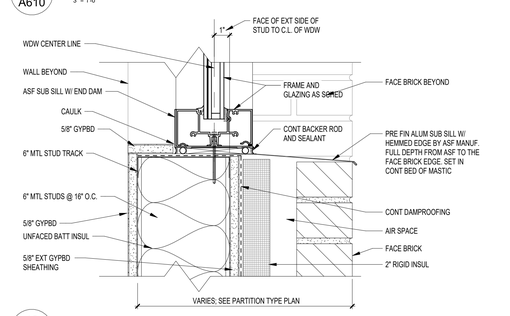
5 A610 **ASF+SHROUD EXT WDW HEAD**
3" = 1'-0"



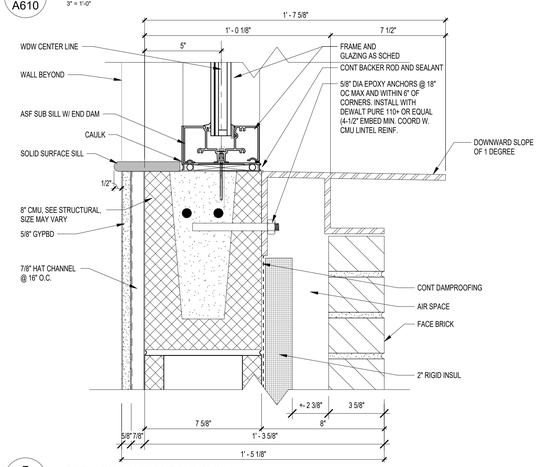
8 A610 **ASF EXT WDW HEAD - STUD WALL**
3" = 1'-0"



9 A610 **ASF EXT WDW JAMB - STUD WALL**
3" = 1'-0"

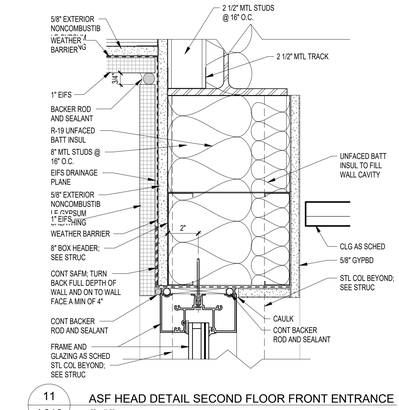


10 A610 **ASF EXT WDW SILL - STUD WALL**
3" = 1'-0"

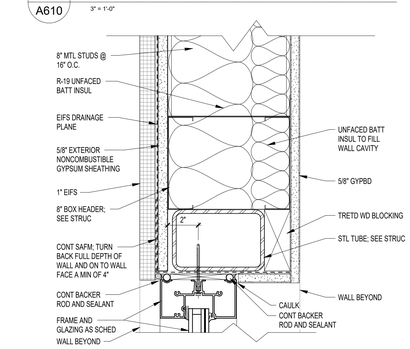


6 A610 **ASF + SHROUD EXT WDW JAMB**
3" = 1'-0"

7 A610 **ASF + SHROUD EXT WDW SILL**
3" = 1'-0"



11 A610 **ASF HEAD DETAIL SECOND FLOOR FRONT ENTRANCE**
3" = 1'-0"



12 A610 **ASF HEAD DETAIL FIRST FLOOR FRONT ENTRANCE**
3" = 1'-0"

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

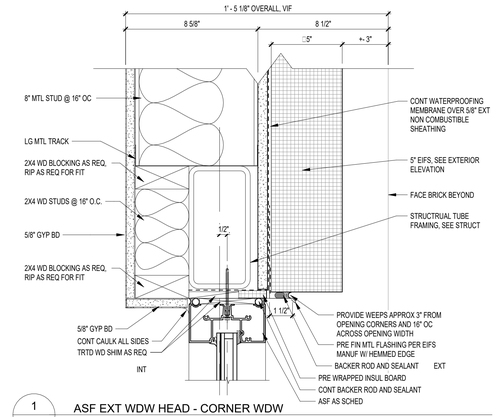
WINDOW TYPES AND HEAD, JAMB, AND SILL DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A610

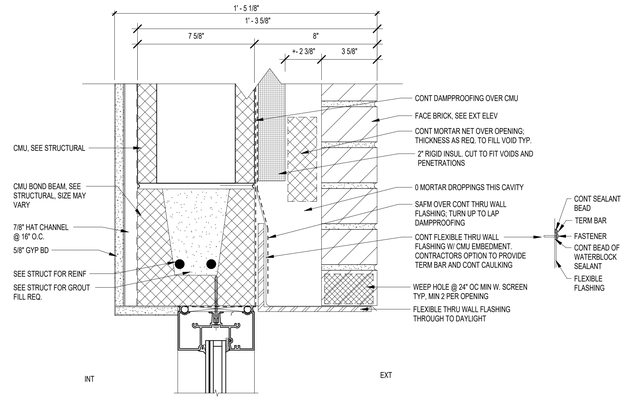
VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / ARBOR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERED PLAN SET SHALL OVERRIDE ANY



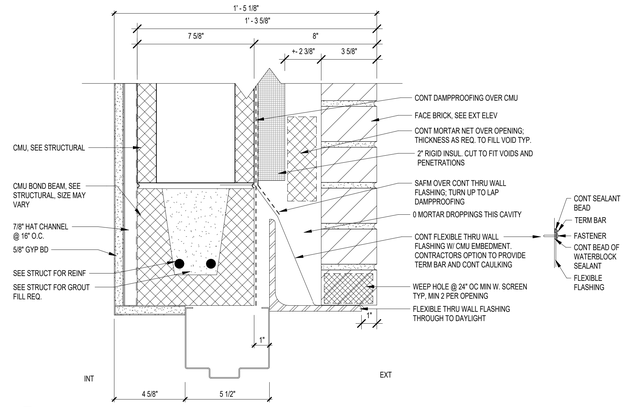
1 A611 ASF EXT WDW HEAD - CORNER WDW

3" = 1'-0"



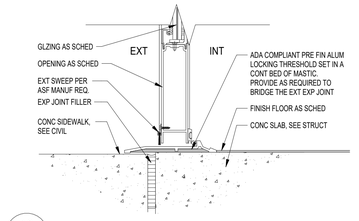
5 A611 EXT ASF WDW HEAD

3" = 1'-0"



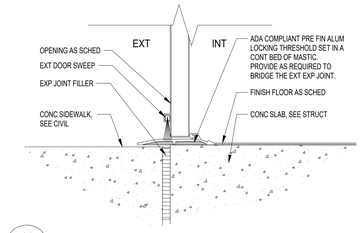
8 A611 EXT HM HEAD, TYP

3" = 1'-0"



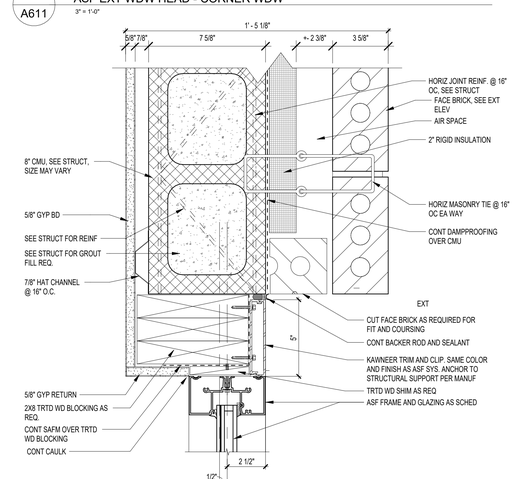
10 A611 EXT ASF THRESHOLD, TYP

3" = 1'-0"



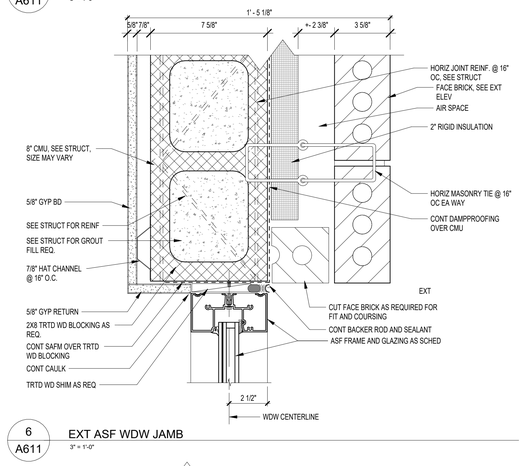
11 A611 EXT HM THRESHOLD, TYP

3" = 1'-0"



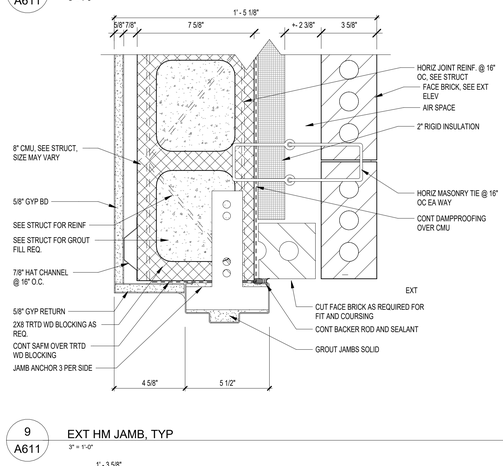
2 A611 ASF EXT WDW JAMB - CONRNER WDW

3" = 1'-0"



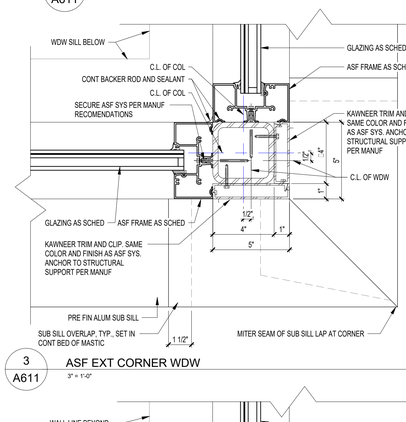
6 A611 EXT ASF WDW JAMB

3" = 1'-0"



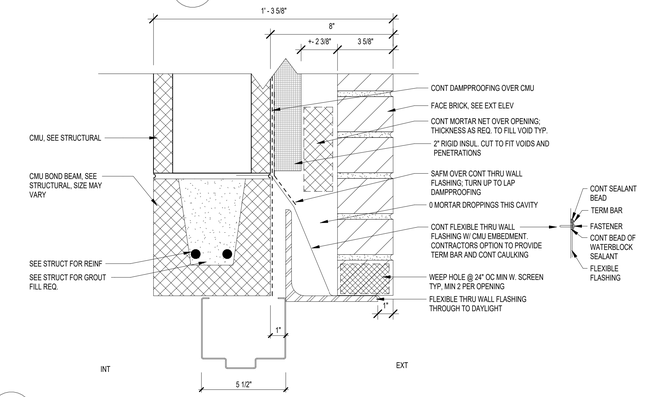
9 A611 EXT HM JAMB, TYP

3" = 1'-0"



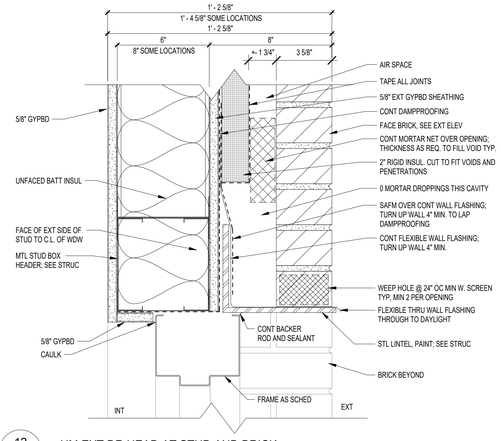
3 A611 ASF EXT CORNER WDW

3" = 1'-0"



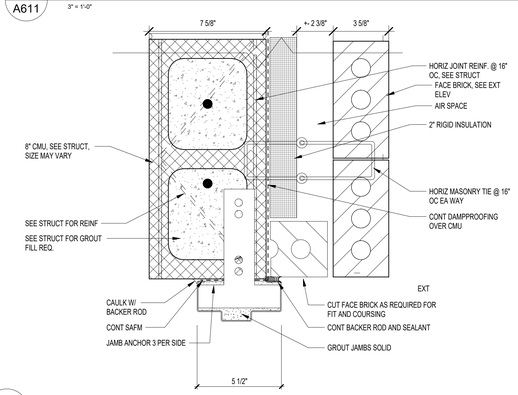
14 A611 HM EXT DR HEAD AT CMU AND BRICK

3" = 1'-0"



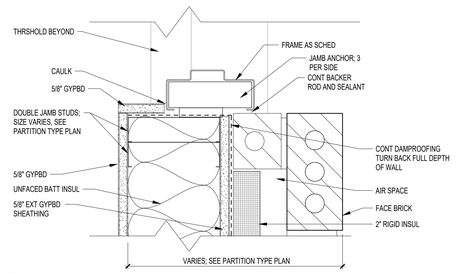
12 A611 HM EXT DR HEAD AT STUD AND BRICK

3" = 1'-0"



15 A611 HM EXT DR JAMB AT CMU AND BRICK

3" = 1'-0"



13 A611 HM EXT DR JAMB AT STUD AND BRICK

3" = 1'-0"

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Bradford A. Jones 9167 REGISTERED ARCHITECT

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

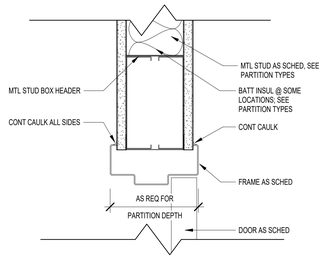
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PROJECT NO:0315.23.001
DRAWN BY: MAJ,
CHECKED BY:BAJ

HEAD, JAMB, AND SILL DETAILS

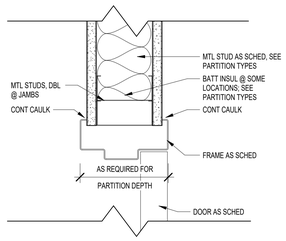
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A611

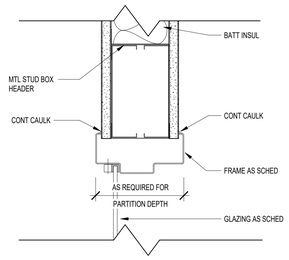
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BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



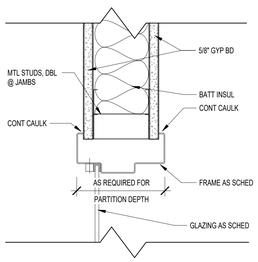
1 / A612 INT HM STUD WALL HEAD, TYP
3" = 1'-0"



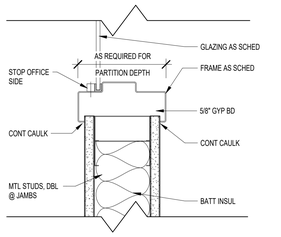
2 / A612 INT HM STUD WALL JAMB, TYP
3" = 1'-0"



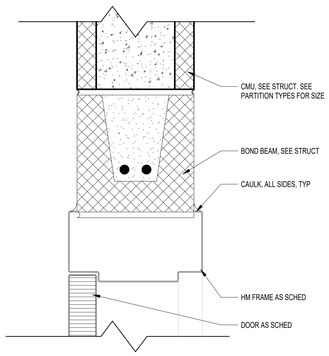
3 / A612 INT HM WDW HEAD
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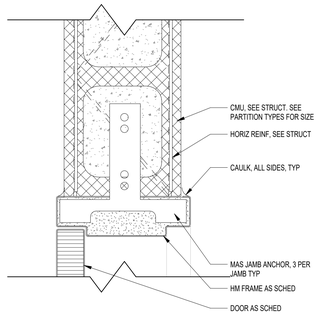
4 / A612 INT HM WDW JAMB
3" = 1'-0"



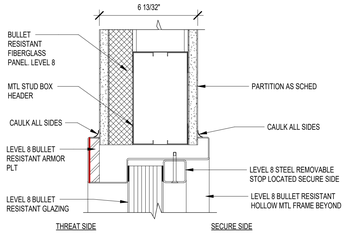
4.1 / A612 INT HM WDW SILL
3" = 1'-0"



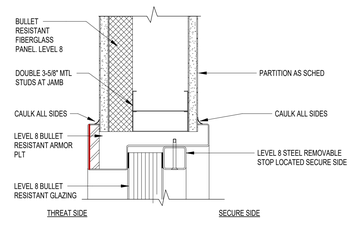
5 / A612 HM MAS HEAD, TYP
3" = 1'-0"



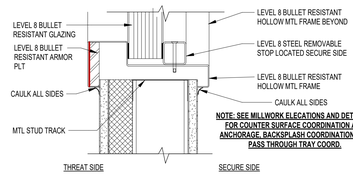
6 / A612 HM MAS JAMB, TYP
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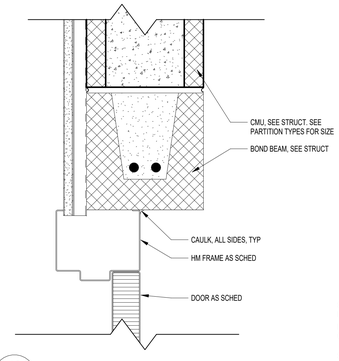
7 / A612 INT HM WDW HEAD - BR
3" = 1'-0"



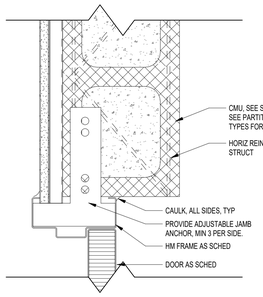
8 / A612 INT HM WDW JAMB - BR
3" = 1'-0"



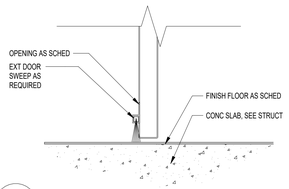
9 / A612 INT HM WDW SILL - BR
3" = 1'-0"



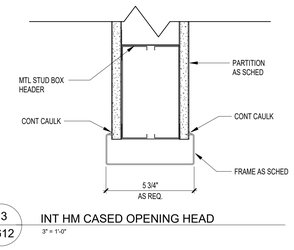
10 / A612 HM MAS W/ FURRING HEAD
3" = 1'-0"



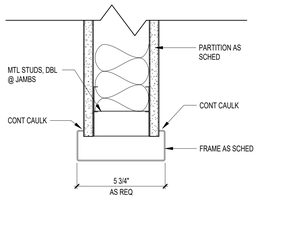
11 / A612 HM MAS W/ FURRING JAMB
3" = 1'-0"



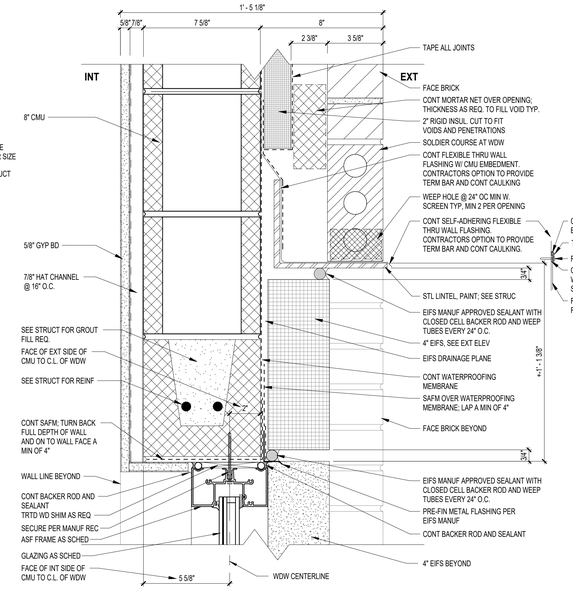
12 / A612 INT THRESHOLD - SEALS
3" = 1'-0"



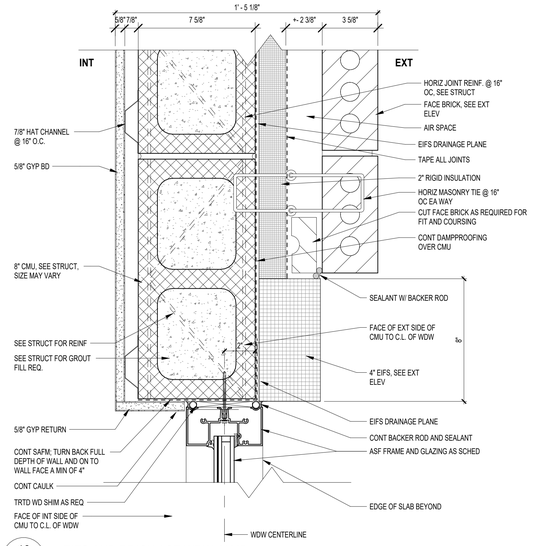
13 / A612 INT HM CASED OPENING HEAD
3" = 1'-0"



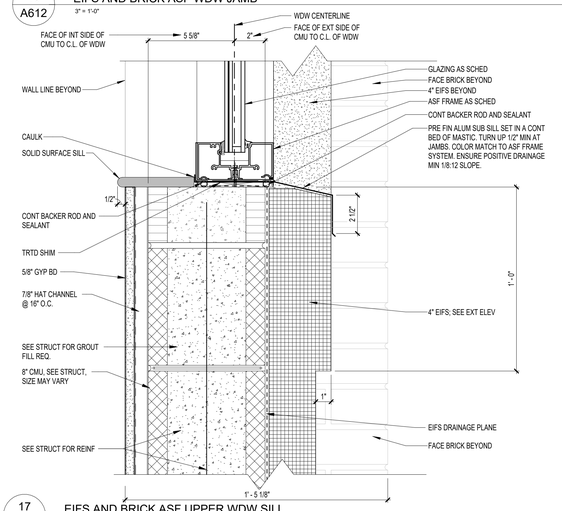
14 / A612 INT HM CASED OPENING JAMB
3" = 1'-0"



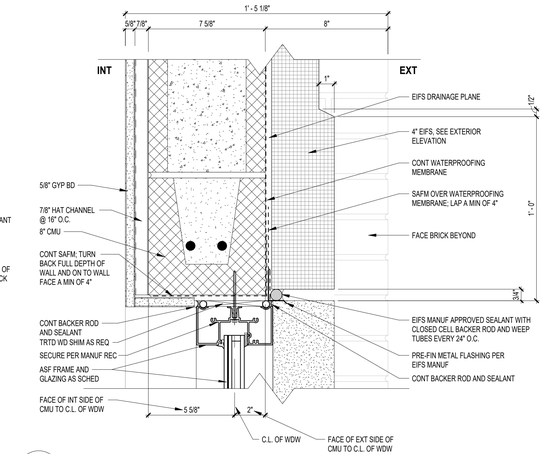
15 / A612 EIFS AND BRICK ASF UPPER WDW HEAD
3" = 1'-0"



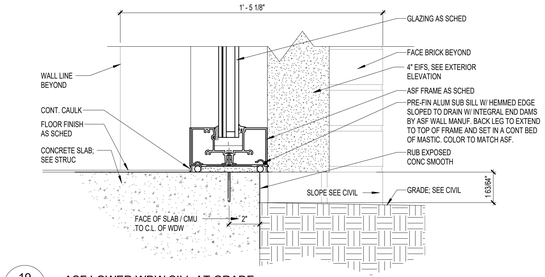
16 / A612 EIFS AND BRICK ASF WDW JAMB
3" = 1'-0"



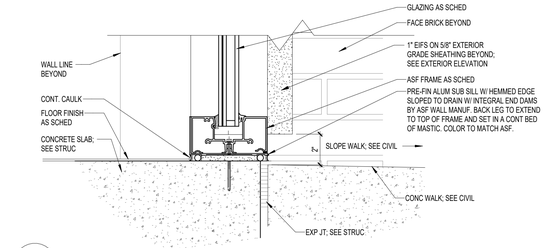
17 / A612 EIFS AND BRICK ASF UPPER WDW SILL
3" = 1'-0"



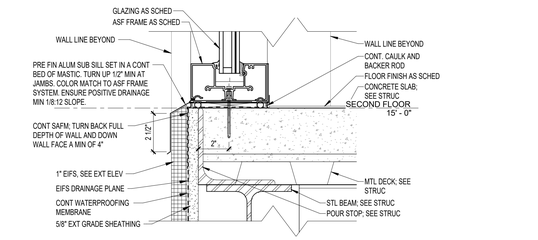
18 / A612 EIFS AND BRICK ASF LOWER WDW HEAD
3" = 1'-0"



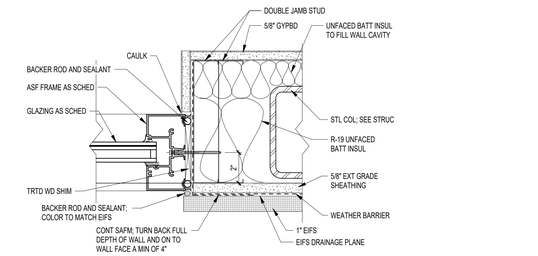
19 / A612 ASF LOWER WDW SILL AT GRADE
3" = 1'-0"



20 / A612 ASF LOWER WDW SILL AT WALK
3" = 1'-0"



21 / A612 ASF UPPER WDW SILL AT SLAB
3" = 1'-0"



22 / A612 ASF TO EIFS JAMB DETAIL
3" = 1'-0"

4/10/2026 3:24:05 PM

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
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Biloxi, Mississippi 39530
P: 228.388.1950
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

Bradford A. Jones
9107
REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA

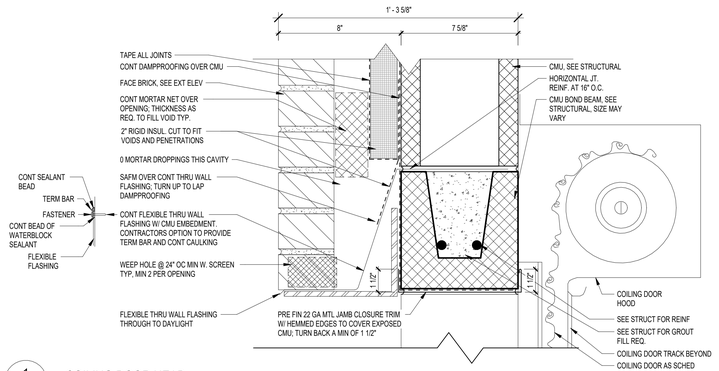
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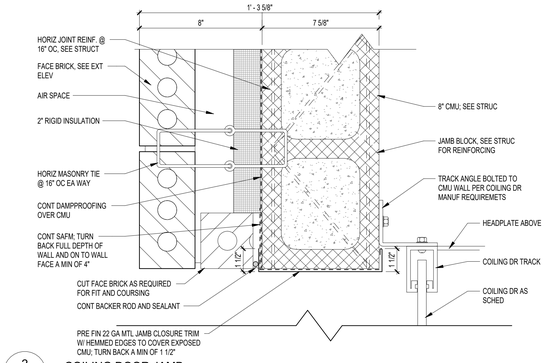
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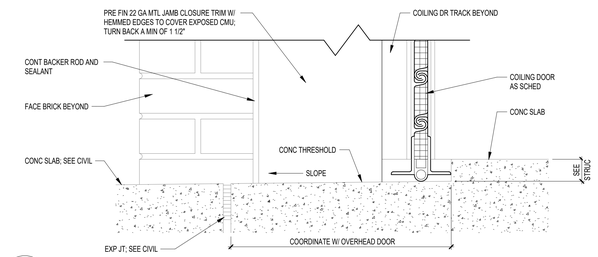
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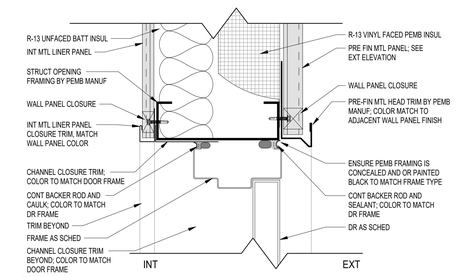
1 A613 COILING DOOR HEAD
3" = 1'-0"



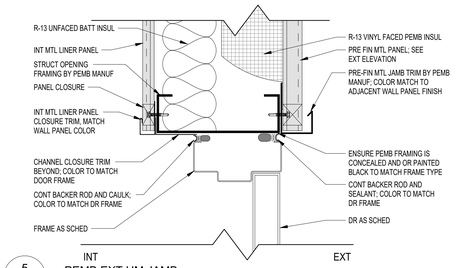
2 A613 COILING DOOR JAMB
3" = 1'-0"



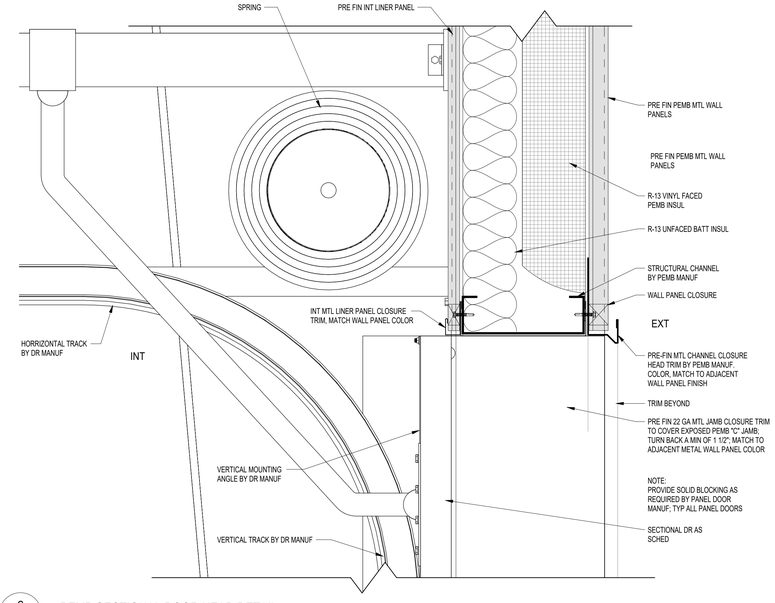
3 A613 COILING DOOR THRESHOLD
3" = 1'-0"



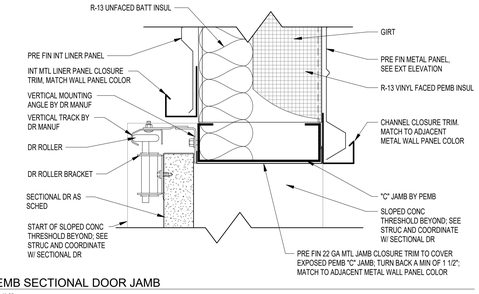
4 A613 PEMB EXT HM HEAD
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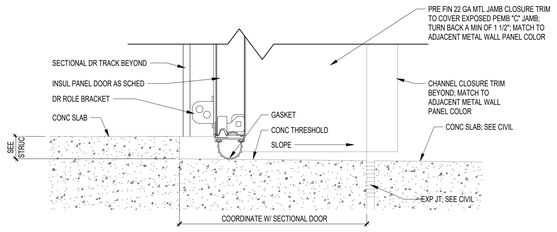
5 A613 PEMB EXT HM JAMB
3" = 1'-0"



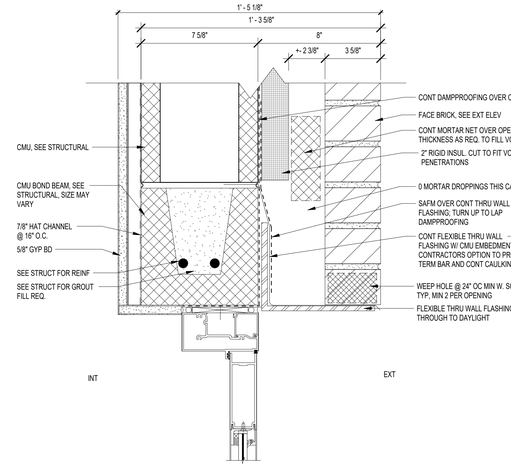
6 A613 PEMB SECTIONAL DOOR HEAD DETAIL
3" = 1'-0"



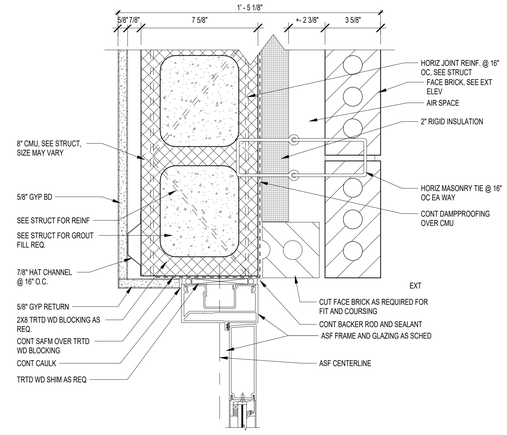
7 A613 PEMB SECTIONAL DOOR JAMB
3" = 1'-0"



8 A613 PEMB SECTIONAL DOOR THRESHOLD
3" = 1'-0"



9 A613 EXT ASF DOOR HEAD
3" = 1'-0"



10 A613 EXT ASF DOOR JAMB
3" = 1'-0"

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
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Bradford A. Jones 9107 REGISTERED ARCHITECT

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A613

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4/10/2026 3:24:19 PM

ROOM SIGNAGE SCHEDULE-FIRST FLOOR

DOOR NO.	SIGANGE HEADER TEXT	NOTES
1101.1A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
1101.2A	RECORDS STORAGE	
1101A	---	
1101B	TBD	
1101C	STAIR	
1101D	TBD	
1102A	RECEPTION	
1103.1A	ELEVATOR PUMP	
1104A	TBD	
1104B	STORAGE	
1105A	CONFERENCE ROOM (LB) STUDIO / NEWS ROOM	
1105B	CONFERENCE ROOM (LB) STUDIO / NEWS ROOM	
1106A	OFFICE	
1107A	OFFICE	
1108A	OFFICE	
1109A	JAIL LIEUTENANT	
1110A	JAIL CAPTAIN	
1111A	STORAGE	
1112A	JAIL SERGEANT	
1113A	I.T. SUPPORT	
1114A	IT DEPARTMENT	
1115A	---	
1116A	RESTROOM	MALE/ADA SYMBOLS
1118A	CUSTODIAL	
1119A	FILE ROOM	
1120A	---	
1121A	TBD	
1123A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
1124A	STORAGE	
1125.1A	MECHANICAL	
1125A	---	
1126A	RESTROOM	FEMALE/ADA SYMBOLS
1127A	ELECTRICAL	
1128.1A	DETENTION AREA / LAUNDRY	
1128A	BREAK ROOM	
1130A	ARRAINGMENT	
1131A	MEDICAL / LIBRARY	
1133A	OFFICER RESTROOM	MALE/FEMALE/ADA SYMBOLS
1134A	BOOKING	
1134B	BOOKING	
1135A	INMATE PROPERTY	
1136A	DRY STORAGE	
1136A	DETAINEE RESTROOM	
1138B	LAUNDRY	
1138C	LAUNDRY STORAGE	
1138D	DRYER ACCESS	
1139A	CSI GENERAL STORAGE	
1140.1A	K-9 1	ACRYLIC PANEL
1140.2A	K-9 2	ACRYLIC PANEL
1140.3A	K-9 3	ACRYLIC PANEL
1140.4A	K-9 4	ACRYLIC PANEL
1140A	K9 SUPPORT	ACRYLIC PANEL
1140B	---	
1141A	---	
1141B	---	
1141C	---	
1141D	---	
1141E	---	
1142A	FEMALE GROUP CELL	PAINTED STENCIL APPLIED LETTERING
1143.1A	KITCHEN	
1143.1B	KITCHEN	PAINTED STENCIL APPLIED LETTERING
1143A	HOLDING	
1144A	DETENTION AREA	PAINTED STENCIL APPLIED LETTERING
1145A	HOLDING 1	PAINTED STENCIL APPLIED LETTERING
1146A	FEMALE DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1146B	FEMALE DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1147A	ISOLATION 1	PAINTED STENCIL APPLIED LETTERING
1148A	---	
1148B	---	
1148C	---	
1148D	---	
1148E	---	
1148F	---	
1149A	ISOLATION 3	PAINTED STENCIL APPLIED LETTERING
1150A	ISOLATION 4	MALE/FEMALE/ADA SYMBOLS
1151A	ISOLATION 5	PAINTED STENCIL APPLIED LETTERING
1152A	MALE GROUP CELL 1	PAINTED STENCIL APPLIED LETTERING
1153A	MALE DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1153B	MALE DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1153C	MALE DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1154A	MALE GROUP CELL 2	PAINTED STENCIL APPLIED LETTERING
1155A	---	
1157A	CUSTODIAL	PAINTED STENCIL APPLIED LETTERING
1158A	STORAGE	PAINTED STENCIL APPLIED LETTERING
1159A	DOC CELL DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1159B	DOC CELL DAY ROOM	PAINTED STENCIL APPLIED LETTERING
1160A	PADDED ROOM	PAINTED STENCIL APPLIED LETTERING
1161A	---	
1161B	---	
1162A	HOLDING 3	PAINTED STENCIL APPLIED LETTERING
1163A	HOLDING 2	PAINTED STENCIL APPLIED LETTERING
1164A	DOC CELL	PAINTED STENCIL APPLIED LETTERING
1168A	---	
1169A	KITCHEN	
1170A	POLICE PROPERTY	
1171A	ARMORY	
1172A	TRAINING ROOM	
1172B	TRAINING ROOM	
1173A	PATROL DEP. COMMAND	
1174A	STORAGE	
1175A	SHIFT CHANGE 1	
1177A	TBD	
1178A	SHIFT CHANGE 2	
1179A	SHIFT CHANGE 3	
1181A	SHIFT CHANGE 4	
1182A	STORAGE	
1184A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
1185A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
1186A	TBD	
1187A	BREAK ROOM	

ROOM SIGNAGE SCHEDULE-SECOND FLOOR

DOOR NO.	SIGANGE HEADER TEXT	NOTES
2201A	TBD	
2201B	TBD	
2202A	STORAGE	
2203A	CONFERENCE ROOM	
2204A	SECRETARY	
2207A	OFFICE	
2207B	STORAGE	
2207C	OFFICE	
2210A	PUBLIC INFORMATION OFFICER	
2211A	PIO RECRUITMENT OFFICE	
2212A	PIO VIDEO ROOM	
2213A	PIO STORAGE	
2213B	ELECTRICAL	
2215A	CUSTODIAL	
2215B	MECHANICAL DUCT ACCESS	
2216A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
2217A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
2218A	ROOF ACCESS : AUTHORIZED PERSONELL ONLY	
2219A	BREAKROOM	
2220A	POLYGRAPH	
2221A	AUTHORIZED PERSONELL ONLY	
2222A	OFFICE	
2222E	STORAGE	
2223A	OFFICE	
2224A	CAO OFFICE	
2225A	STORAGE	
2227A	RESTROOM	MALE/FEMALE/ADA SYMBOLS
2228A	RESTROOM (MALE/FEMALE/ADA SYMBOLS)	
2229A	CHIEF	
2268A	STORAGE	
G101A	GARAGE BAY 1	
G101B	---	
G102A	STORAGE	
G104A	STORAGE	
G105A	GARAGE BAY 2	
G105B	---	
G106A	GARAGE BAY 3	
G106B	---	
G107A	GARAGE BAY 4	
G107B	---	
G108A	GARAGE BAY 5	
G108B	---	

GENERAL FINISH NOTES

1. PROVIDE TILE BACKER BOARD, GLUED AND SCREWED TO WALL SCHEDULED, AT ALL LOCATIONS BEHIND WALL TILE.
2. PROVIDE SOLID SURFACE SILL AT ALL WINDOWS.
3. PROVIDE MOISTURE MOLD RESISTANT GYPSUM BOARD AT ALL RESTROOM AND LOCKER ROOM LOCATIONS.
4. SEE FINISH FLOOR PLAN FOR FLOOR PATTERN OF FLOORING MATERIALS.
5. CEILINGS SCHEDULED AS (OTS) OPEN TO STRUCTURE- ALL EXPOSED STRUCTURE, HVAC DUCTWORK, FIRE PROTECTION PIPING, CONDUIT, ETC SHALL BE PAINTED CEILING COLOR PT2, UNLESS NOTED OTHERWISE IN FINISH SCHEDULE.
6. PROVIDE FRP PANEL BEHIND MOP SINK.
7. FLOOR TILE AND WALL TILE TO INTERSECT AT 90 DEG. CORNER; USE SCHLUTER DILEX COVE TRIM.
8. ALL EXTERIOR WINDOWS TO RECIEVE SHADES. SEE OPENING SCHEDULE/WINDOW TYPES.

GENERAL FINISH REMARKS

A. EXPOSED ROOF DECK, JOIST/STRUC BEAMS, CONDUIT AND PIPING TO BE PAINTED AS SCHED. SEE ENLARGED RCP 4/A702.

B. PADDED WALL PANELS PER SPECS.

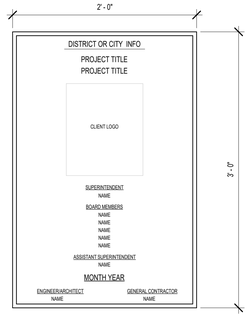
C. MULTIPLE FLOOR FINISHES SEE FINISH PLAN.

D. SEE FINISH FLOOR PLAN FOR ACCENT WALL FINISH LOCATION.

E. INCLUDE FT3 AND TB2 AT STAIR ENTRY FLOOR ADJACENT TO FIRST FLOOR LOBBY. INCLUDE LVT BASE/STRINGERS (LVT4) AT STAIRS/ LANDING. SEE FINISH PLAN FOR EXTENTS.

F. INCLUDE LVT2 AT STAIR ENTRY ADJACENT TO SECOND FLOOR LOBBY . SEE FINISH PLAN FOR EXTENTS.

G. INLCUDE FINE NON-SKID TEXTURE ADDITIVE TO SEALED CONCRETE FLOORING AT SHOWER LOCATIONS. SEE FINISH PLAN.



GRAPHICS SHOWN ARE FOR PRELIMINARY PRESENTATION PURPOSES ONLY.
OWNER APPROVAL IS REQUIRED ON FINAL PLAQUE SUBMITTAL
MOUNTING HEIGHT AT 7'0" TO THE TOP

1 / A701 PLAQUE
1 1/2" = 1'-0"

ROOM FINISH SCHEDULE-FIRST FLOOR

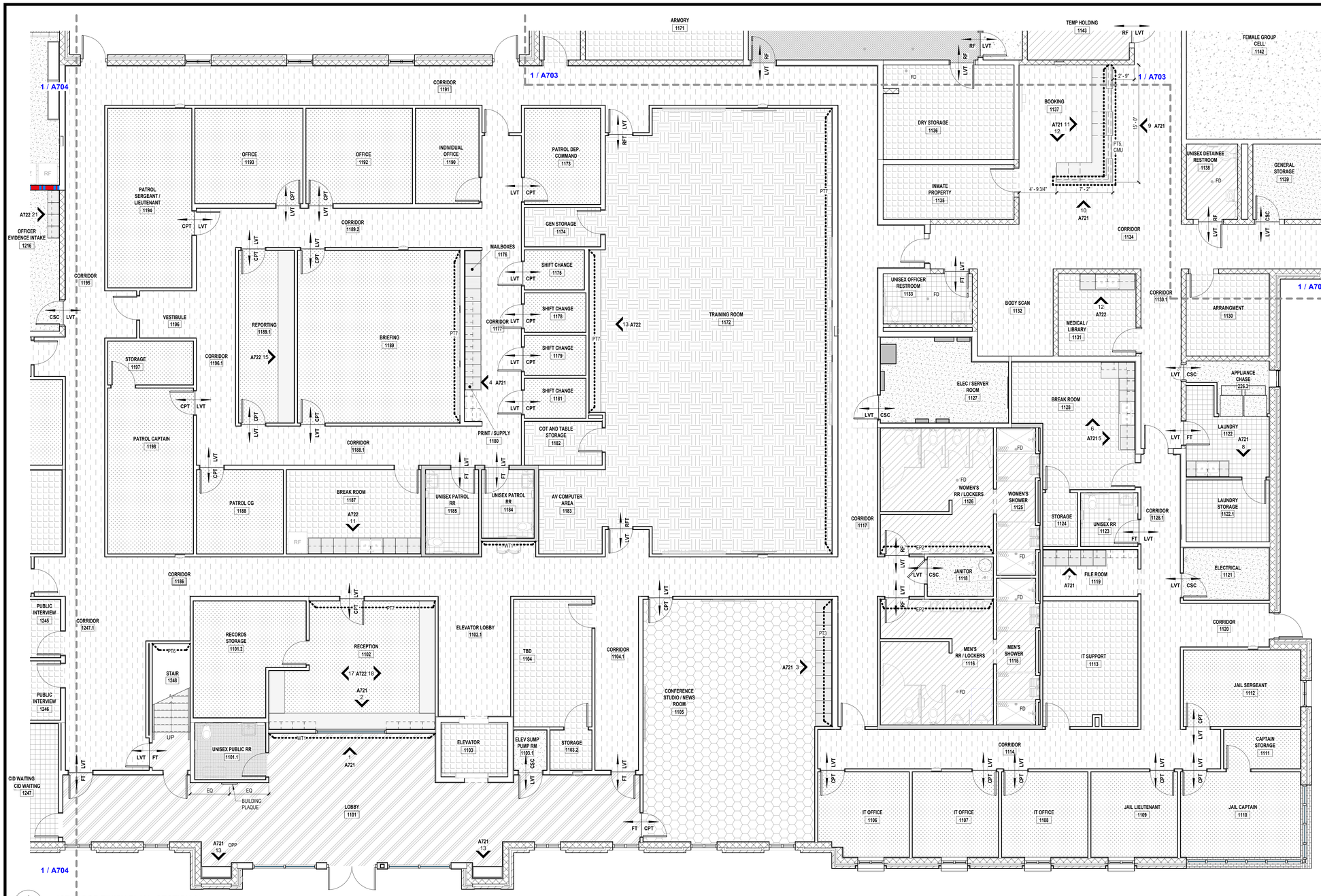
RM NO.	ROOM NAME	FLOOR FINISH		WALL FINISHES				CEILING TYPE	REMARKS
		FINISH FLOOR	BASE	NORTH	EAST	SOUTH	WEST		
1101	LOBBY	FT3	TB2	PT1/WT1	PT1	PT1	PT1	MC1/GYP(PT1,2,3)	A,D
1101.1	UNISEX PUBLIC RR	FT2	---	WT1	WT1	WT1	WT1	GYP2(PT2)	
1101.2	RECORDS STORAGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1102	RECEPTION	CPT1	RB1	PT1/PT7	PT1	PT1	PT1	ACT1	D
1102.1	ELEVATOR LOBBY	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1/PT2	
1103	ELEVATOR	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1103.1	ELEV SUMP PUMP RM	CSC1	RBR	PT1	PT1	PT1	PT1	GYP1(PT2)	
1103.2	STORAGE	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1104	TBD	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1104.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1(PT2)	
1105	CONFERENCE STUDIO / NEWS ROOM	CPT2	RB1	PT1	PT1/PT3	PT1	PT1	ACT1/GYP1(PT2)	D
1106	IT OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1107	IT OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1108	IT OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1109	JAIL LIEUTENANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1110	JAIL CAPTAIN	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1111	CAPTAIN STORAGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1112	JAIL SERGEANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1113	IT SUPPORT	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1114	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1115	MEN'S SHOWER	RF1	RF1-CB	EP1	EP1	EP1	EP1	GYP2(PT2)	
1116	MEN'S RR / LOCKERS	RF1	RF1-CB	EP2	EP1	EP1	EP1	GYP2(PT2)	D
1117	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1118	JANITOR	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1119	FILE ROOM	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1120	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1121	ELECTRICAL	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1122	LAUNDRY	FT1	TB1	EP1	EP1	EP1	EP1	ACT1	
1122.1	LAUNDRY STORAGE	FT1	TB1	EP1	EP1	EP1	EP1	ACT1	
1123	UNISEX RR	FT1	TB1	EP1	EP1	EP1	EP1	GYP2(PT2)	
1124	STORAGE	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1125	WOMEN'S SHOWER	RF1	RF1-CB	EP1	EP1	EP1	EP1	GYP2(PT2)	
1126	WOMEN'S RR / LOCKERS	RF1	RF1-CB	EP1	EP1	EP2	EP1	GYP2(PT2)	D
1127	ELEC / SERVER ROOM	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1128	BREAK ROOM	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1128.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1130	ARRAINGMENT	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1130.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1131	MEDICAL / LIBRARY	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1132	BODY SCAN	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1133	UNISEX OFFICER RESTROOM	FT1	TB1	EP1	EP1	EP1	EP1	GYP2(PT2)	
1134	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1135	INMATE PROPERTY	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1136	DRY STORAGE	LVT3	RB1	PT1	PT1	PT1	PT1	ACT3	
1137	BOOKING	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1/GYP1(PT2)	
1138	UNISEX DETAINEE RESTROOM	RF1	RF1-CB	EP1	EP1	EP1	EP1	ACT3	
1139	GENERAL STORAGE	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1140	K9 SUPPORT	SC1	---	EP1	EP1	EP1	EP1	GYP2(PT2)/ACT1	
1140.1	K9-1	SC1	---	EP1	EP1	EP1	EP1	GYP2(PT2)	
1140.2	K9-2	SC1	---	EP1	EP1	EP1	EP1	GYP2(PT2)	
1140.3	K9-3	SC1	---	EP1	EP1	EP1	EP1	GYP2(PT2)	
1140.4	K9-4	SC1	---	EP1	EP1	EP1	EP1	GYP2(PT2)	
1141	SALLY PORT	SC1	---	EP1	EP1	EP1	EP1	OTS(PT2)	
1142	FEMALE GROUP CELL	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1143	TEMP HOLDING	RF1	RF1-CB	WC1	WC1	WC1	WC1	ACT2	
1143.1	LOCKED ACCESS	SC1	RB1	EP1	EP1	EP1	EP1	ACT3	
1144	CORRIDOR	SC1	---	EP1	EP1	EP1	EP1	ACT3	
1145	HOLDING 1	SC1	---	WC1	WC1	WC1	WC1	ACT2	
1146	FEMALE DAY ROOM	SC1	---	WC1	WC1	WC1	WC1	ACT3	
1147	ISOLATION	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1148	CORRIDOR	SC1	---	EP1	EP1	EP1	EP1	ACT3	
1149	ISOLATION	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1150	ISOLATION	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1151	ISOLATION	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1152	MALE GROUP CELL	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1153	MALE DAY ROOM	SC1	---	WC1	WC1	WC1	WC1	ACT3	
1154	MALE GROUP CELL	SC1	---	WC1	WC1	WC1	WC1	ACT2	G
1155	CORRIDOR	SC1	---	EP1	EP1	EP1	EP1	ACT3	
1156	CORRIDOR	SC1	---	EP1	EP1	EP1	EP1	ACT3	
1157	JANITOR	SC1	---	EP1	EP1	EP1	EP1	ACT2	
1158	GEN STO	SC1	---	EP1	EP1	EP1	EP1	ACT2	
1159	DOC CELL DAY ROOM	SC1	---	WC1	WC1	WC1	WC1	ACT3	
1160	PADDED ROOM	SC1	---	WC1	WC1	WC1	WC1	ACT2	B
1161	CORRIDOR	SC1	---	EP1	EP1	EP1	EP1	ACT3	
1162	HOLDING 3	SC1	---	WC1	WC1	WC1	WC1	ACT2	
1163	HOLDING 2	SC1	---	WC1	WC1	WC1	WC1	ACT2	
1164	DOC CELL	SC1	---	WC1	WC1	WC1	WC1	ACT3	G
1169	COMMERCIAL KITCHEN	RF2	RF2-CB	EP1	EP1	EP1	EP1	ACT3	
1170	POLICE PROPERTY	LVT3/CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	C
1171	ARMORY	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1172	TRAINING ROOM	RFT1	RB1	PT1	PT7	PT1	PT1/PT7	ACT4/GYP1(PT2)	D
1173	PATROL DEP. COMMAND	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1174	GEN STORAGE	RFT1	RB1	PT1	PT1	PT1	PT1	ACT1	

ROOM FINISH SCHEDULE-FIRST FLOOR

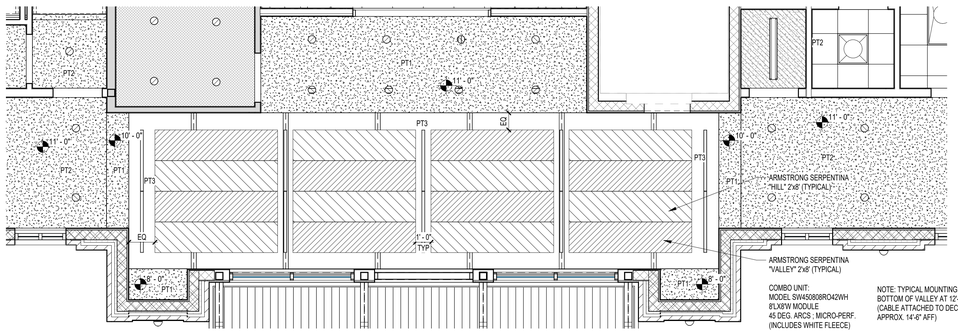
RM NO.	ROOM NAME	FLOOR FINISH		WALL FINISHES				CEILING TYPE	REMARKS
		FINISH FLOOR	BASE	NORTH	EAST	SOUTH	WEST		
1175	SHIFT CHANGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1176	MAILBOXES	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1/PT2	
1177	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1178	SHIFT CHANGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1179	SHIFT CHANGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1180	PRINT / SUPPLY	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1/GYP1(PT2)	
1181	SHIFT CHANGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1182	COT AND TABLE STORAGE	RFT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1183	AV COMPUTER AREA	RFT2	RB1	PT1	PT1	PT1	PT1	ACT1	
1184	UNISEX PATROL RR	FT1	TB1	EP1	EP1	EP1	EP1	GYP2(PT2)	
1185	UNISEX PATROL RR	FT1	TB1	EP1	EP1	EP1	EP1	GYP2(PT2)	
1186	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1187	BREAK ROOM	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1188	PATROL CG	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1188.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1189	BREFING	CPT1	RB1	PT1	PT7	PT1	PT1	ACT1	D
1189.1	REPORTING	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1189.2	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1190	INDIVIDUAL OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1191	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1192	OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1193	OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1194	PATROL SERGEANT / LIEUTENANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1195	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1196	VESTIBULE	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1/PT2	
1196.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1197	STORAGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1198	PATROL CAPTAIN	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1199	CSI LIEUTENANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1200	LARGE INTERVIEW OR FUTURE GROWTH	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1201	FORENSIC REVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1202	CSI OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1203	CSI OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1204	MEDIA STORAGE	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1205	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1206	PRINT/SUPPLY	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1/PT2	
1207	CID / CSI BREAK ROOM	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1208	CSI OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1208.1	CID	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1209	PRINT/SUPPLY	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1/GYP1(PT2)	
1210	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1211	WEAPONS / NARCOTIC STORAGE	CSC1	RBR	PT1	PT1	PT1	PT1	ACT3	
1212	SHOWER	RF1	RF1-CB	EP1	EP1	EP1	EP1	GYP2(PT2)	
1213	CSI GENERAL STORAGE	CSC1	RBR	PT1	PT1	PT1	PT1	ACT1	
1214	FORENSIC LAB	CSC1	RBR	PT1	PT1	PT1	PT1	ACT3	
1215	EVIDENCE PROCESSING	CSC1	RBR	PT1	PT1	PT1	PT1	ACT3	
1216	OFFICER EVIDENCE INTAKE	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1217	EVIDENCE STORAGE	CSC1/CPT1	RBR	PT1	PT1	PT1	PT1	ACT3	C
1218	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1219	ELEC / SERVER ROOM	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1220	RISER	CSC1	RBR	PT1	PT1	PT1	PT1	ACT1	
1221	MEN'S RESTROOM	RF1	RF1-CB	EP2	EP1	EP1	EP1	GYP2(PT2)	D
1222	WOMENS RESTROOM	RF1	RF1-CB	EP1	EP1	EP2	EP1	GYP2(PT2)	D
1223	OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1224	OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1225	JANITOR	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1225.1	MECH	CSC1	RB1	PT1	PT1	PT1	PT1	ACT1	
1226	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1226.1	OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1227	PROPERTY DETECTIVES	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1228	NARCOTICS DETECTIVE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1229	PERSONS DETECTIVE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1230	CID CAPTAIN STORAGE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1231	SMALL INTERVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1232	CID CAPTAIN	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1/GYP1(PT2)	
1233	CID LIEUTENANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1234	CID NARCOTIC SERGEANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1235	FINANCIAL CRIMES DETECTIVE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1236	CONFERENCE ROOM	CPT1	RB1	PT1	PT6	PT1	PT1	GYP1(PT2)/ACT1	D
1237	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1238	PERSONS SERGEANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1239	PROPERTY SERGEANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1240	FINANCIAL CRIMES SERGEANT	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1241	CID SECRETARY	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1242	INTERVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1243	INTERVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1244	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1	
1245	PUBLIC INTERVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1246	PUBLIC INTERVIEW	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1	
1247	CID WAITING	FT1	TB1	PT1	PT1	PT1	PT1	ACT1	
1247.1	CORRIDOR	LVT1	RB1	PT1	PT1	PT1	PT1	GYP1(PT2)	
1248	STAIR	LVT4	---	PT6	PT1	PT1	PT1	GYP1(PT2)	D,E

FINISH KEY SCHEDULE

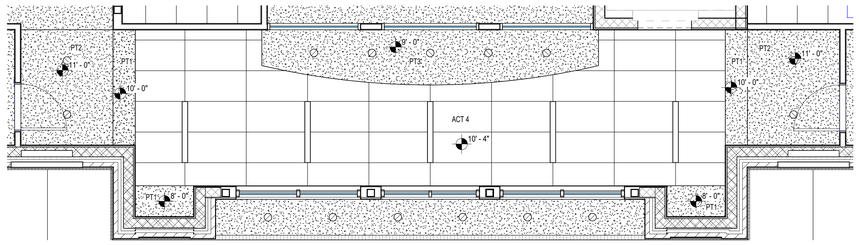
ITEM:	MATERAL:	PRODUCT:
FLOOR:		
LVT1	LUXURY VINYL TILE	MANNINGTON AMTICO STONE TEMPUS SOOTHE 12"X24"; INSTALL METHOD: VERTICAL ASHLAR
LVT2	LUXURY VINYL TILE	MANNINGTON AMTICO WOOD MANOR OAK 9"X48" INSTALL METHOD:RANDOM
LVT3	LUXURY VINYL TILE	MANNINGTON AMTICO STONE TEMPUS EMBRACE 12"X24"; INSTALL METHOD: VERTICAL ASHLAR
LVT4	LUXURY VINYL TILE- STAIR TREAD/RISER/LANDING	SIX DEGREES: IMPRESSION; COLOR: BIRMINGHAM IS220-C12; MATCHING COMPASS LVT PLANKS FOR LANDING
CPT1	MODULAR CARPET	EF CONTRACT: MUSICAL; COLOR: GILDED; INSTALL METHOD: BRICK
CPT2	MODULAR CARPET	EF CONTRACT: ROMANCE; COLOR: GILDED; INSTALL METHOD: BRICK
RFT1	RESILIENT TEXTILE FLOORING	J+J FLOORING KINETEX: RENEWAL: STAND-IN: INSTALL ASHLAR
SC1	SEALED CONCRETE	PER SPECIFICATIONS
CSC1	COLOR SEALED CONCRETE	SHERWIN WILLIAMS: ARMORSEAL REKTHANE; COLOR: GRAY
RF1	RESINOUS FLOORING	SHERWIN WILLIAMS: DECO QUARTZ ONE: TEXTURE: FINE NON-SKID; COLOR: FUZZY WOOL
RF2	RESINOUS FLOORING	SHERWIN WILLIAMS: POLYCRETE MD; TEXTURE: SMOOTH; COLOR: CANADA GREY
FT1	FLOOR TILE	MILESTONE: NET-ZERO; COLOR: GREY; SIZE: 12"X24"
FT2	FLOOR TILE	MILESTONE: NET-ZERO; COLOR: IVORY; SIZE: 12"X24"
FT3	FLOOR TILE	MILESTONE: NET-ZERO; COLOR: IVORY; SIZE: 32"X32"
BASE:		
RB1	6" RUBBER BASE (4" @ MILLWORK)	JOHNSONITE: DURACOVE; COLOR: 32 PEBBLE
RF1-CB	6" RESINOUS FLOORING COVE BASE	SHERWIN WILLIAMS: DECO QUARTZ ONE: TEXTURE: FINE NON-SKID; COLOR: FUZZY WOOL
RF2-CB	6" RESINOUS FLOORING COVE BASE	SHERWIN WILLIAMS: POLYCRETE MD; TEXTURE: SMOOTH; COLOR: GREY
TB1	TILE BASE	MILESTONE: NET-ZERO; COLOR: GREY; SIZE: 6"X12"
TB2	TILE BASE	MILESTONE: NET-ZERO; COLOR: IVORY; SIZE: 6"X12"
WALL:		
WT1	WALL TILE (PROVIDE TILE EDGE TRIM)	MILESTONE: NET-ZERO; COLOR: ARDESIA; SIZE: 12"X24"; INSTALL METHOD: HORIZONTAL 1/3 OFFSET STAGGER
PAINT:		
PT1	FIELD COLOR	SHERWIN WILLIAMS: SW7029 AGREEABLE GRAY
PT2	GYP CEILING FINISH, TYP	SHERWIN WILLIAMS: SW7004 SNOWBOUND
PT3	ACCENT PAINT- DARK BLUE GRAY	SHERWIN WILLIAMS: SW6236 GRAYS HARBOR
PT4	@ EXT GHM FRAME & GHM DOOR	SHERWIN WILLIAMS: SW7069 IRON ORE
PT5	@ INT HM FRAME	SHERWIN WILLIAMS: SW7018 DOVETAIL
PT6	ACCENT PAINT- MEDI



1 A702 1ST FLOOR FINISH PLAN - SECTION A
3/16" = 1'-0"



4 A702 ENLARGED 1ST FLOOR RCP- LOBBY
1/4" = 1'-0"



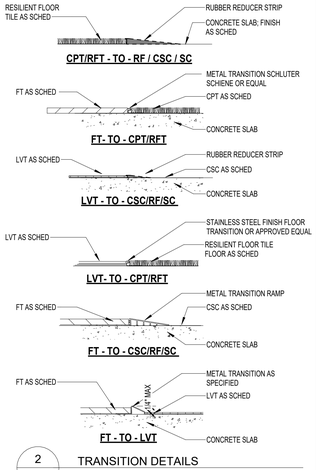
3 A702 ENLARGED 2ND FLOOR RCP-LOBBY
1/4" = 1'-0"

FINISH FLOOR GEN. NOTES

1. FINISH PLANS ARE SHOWN FOR REFERENCE OF FLOOR FINISH COLOR, FLOOR FINISH PATTERN, AND FLOOR FINISH GRAIN DIRECTION.
2. SEE FLOOR FINISH TRANSITION DETAILS FOR TRANSITION MATERIALS BETWEEN FINISHES.
3. SEE FINISH SCHEDULE FOR FINISHES NOT INDICATED ON FINISH FLOOR PLANS AND FOR FURTHER INFORMATION.
4. FOR ALL TILE PATTERNS NOT SHOWN THE TILE PATTERN SHALL BE CENTERED IN BOTH DIRECTIONS IN ROOM.
5. PROVIDE SLAB RECESSES FOR FLOORING MATERIALS AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS FOR ALL SLAB RECESSES.
6. SEE FINISH KEY ON SHEET A701 FOR FURTHER FINISH MATERIAL INFORMATION.
7. **"IN AREAS WHERE RESINOUS FLOORING OCCURS, MPDG REPRESENTATIVE MUST APPROVE PREP PRIOR TO FINAL APPLICATION OF FINISHED PRODUCT.**

FINISH FLOOR PLAN LEGEND

- CPT 1
- CPT 2
- RFT 1
- LVT 1
- LVT 3
- LVT 2
- LVT 4
- RF 1
- CSC 1
- FT 1
- RT 1
- RF 2
- FT 3
- SC 1
- STR1
- FT 2
- FLOOR TRANSITION
- FD FLOOR DRAINS
- ACCENT FINISH LOCATION



2 A702 TRANSITION DETAILS
3" = 1'-0"

VEHICAL PROCESSING BUILDING ALTERNATE "D"



KEY PLAN

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

FIRST FLOOR FINISH PLAN AND MILLWORK KEY PLAN - SECTION A

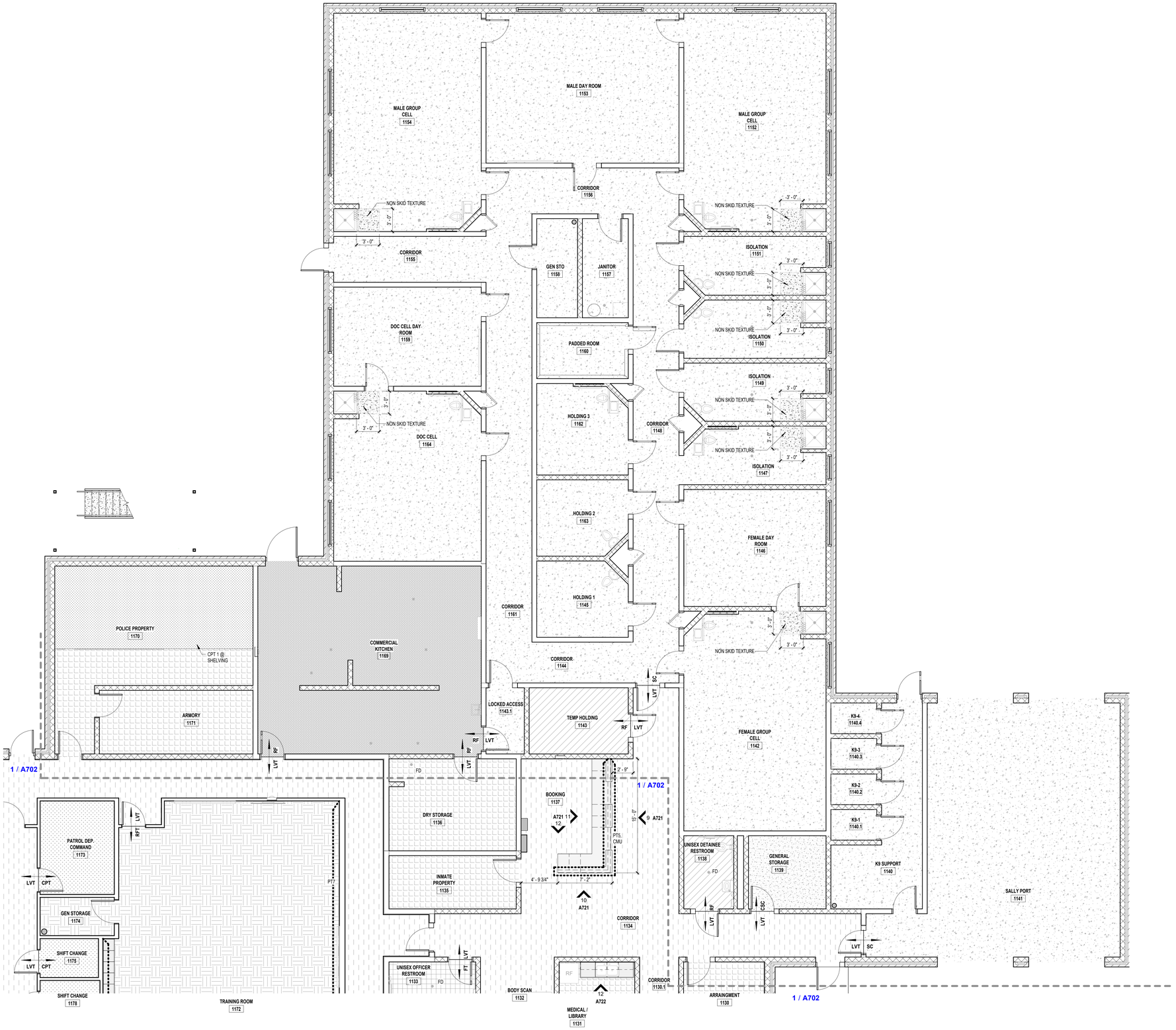
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

A702

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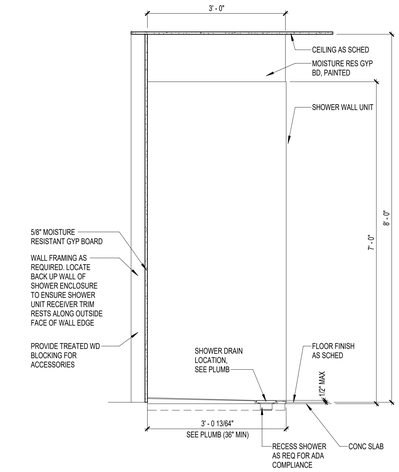
1 A703 1ST FLOOR FINISH PLAN - SECTION B
3/16" = 1'-0"

FINISH FLOOR GEN. NOTES

1. FINISH PLANS ARE SHOWN FOR REFERENCE OF FLOOR FINISH COLOR, FLOOR FINISH PATTERN, AND FLOOR FINISH GRAIN DIRECTION.
2. SEE FLOOR FINISH TRANSITION DETAILS FOR TRANSITION MATERIALS BETWEEN FINISHES.
3. SEE FINISH SCHEDULE FOR FINISHES NOT INDICATED ON FINISH FLOOR PLANS AND FOR FURTHER INFORMATION.
4. FOR ALL TILE PATTERNS NOT SHOWN THE TILE PATTERN SHALL BE CENTERED IN BOTH DIRECTIONS IN ROOM.
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6. SEE FINISH KEY ON SHEET A701 FOR FURTHER FINISH MATERIAL INFORMATION.
7. **"IN AREAS WHERE RESINOUS FLOORING OCCURS, MPDG REPRESENTATIVE MUST APPROVE PREP PRIOR TO FINAL APPLICATION OF FINISHED PRODUCT.**

FINISH FLOOR PLAN LEGEND

- CPT 1
- CPT 2
- RFT 1
- LVT 1
- LVT 3
- LVT 2
- LVT 4
- RF 1
- CSC 1
- FT 1
- RT 1
- RF 2
- FT 3
- SC 1
- STR1
- FT 2
- FLOOR TRANSITION
- FD FLOOR DRAINS
- ACCENT FINISH LOCATION



2 A703 ADA SHOWER DETAIL
3/4" = 1'-0"

VEHICAL PROCESSING BUILDING ALTERNATE
"D"



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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

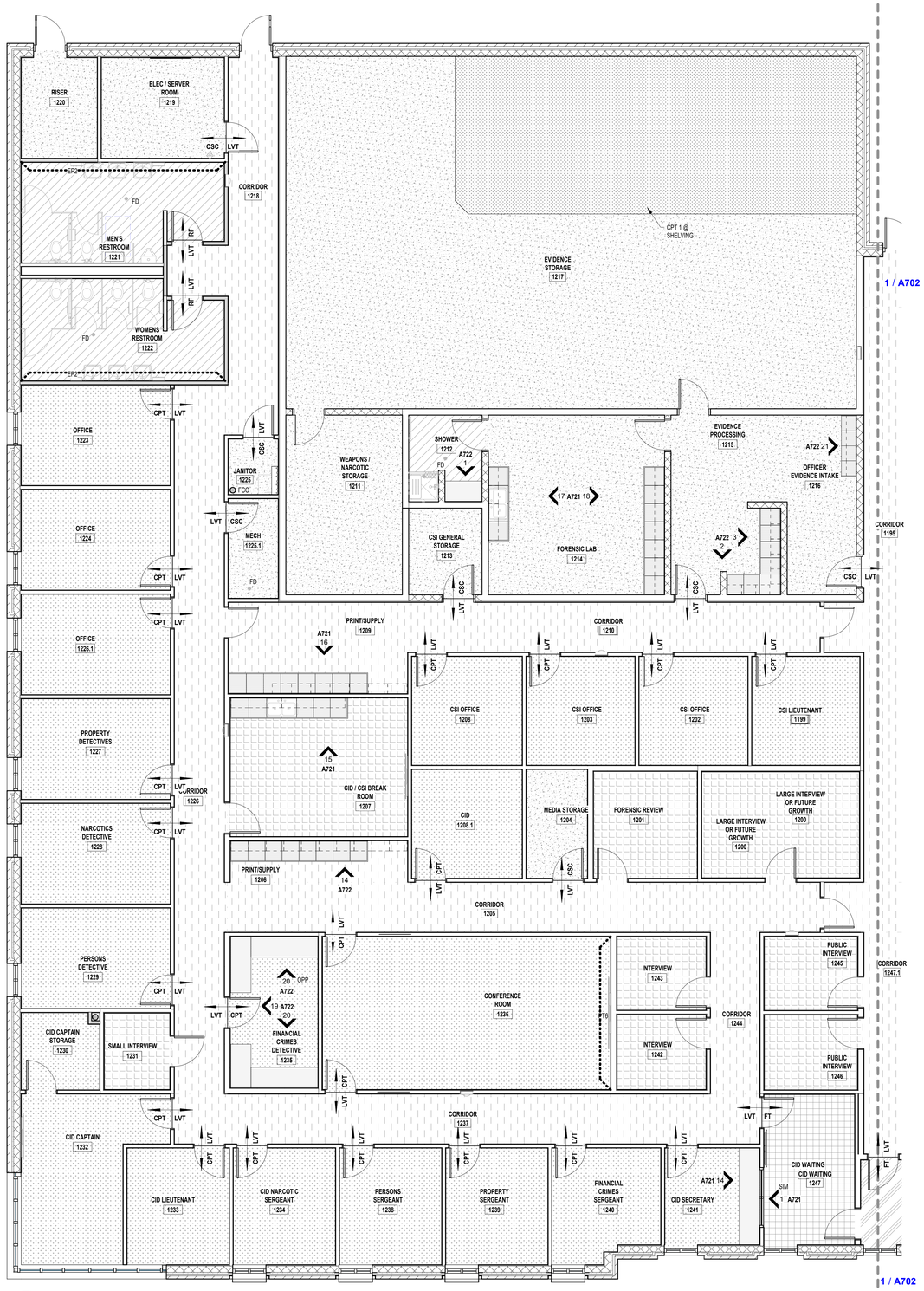
FIRST FLOOR FINISH PLAN AND MILLWORK KEY PLAN- SECTION B

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

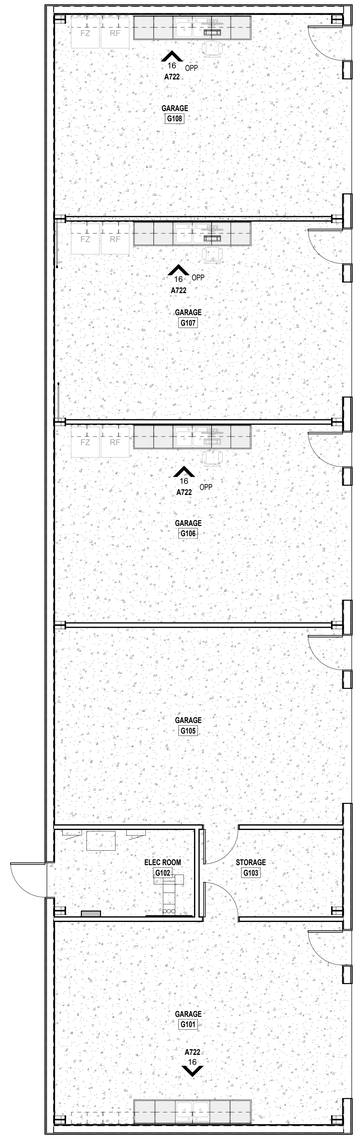
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1 A704 1ST FLOOR FINISH PLAN - SECTION C
3/16" = 1'-0"



2 A704 FIRST FLOOR FINISH PLAN - VEHICLE PROCESSING- SECTION D
3/16" = 1'-0"

FINISH FLOOR GEN. NOTES

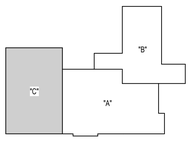
1. FINISH PLANS ARE SHOWN FOR REFERENCE OF FLOOR FINISH COLOR, FLOOR FINISH PATTERN, AND FLOOR FINISH GRAIN DIRECTION.
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FINISH FLOOR PLAN LEGEND

- CPT 1
- CPT 2
- RFT 1
- LVT 1
- LVT 3
- LVT 2
- LVT 4
- RF 1
- CSC 1
- FT 1
- RT 1
- RF 2
- FT 3
- SC 1
- STR1
- FT 2
- FLOOR TRANSITION
- FD FLOOR DRAINS
- ACCENT FINISH LOCATION

VEHICAL PROCESSING BUILDING ALTERNATE "D"

KEY PLAN



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CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

FIRST FLOOR FINISH PLAN AND MILLWORK KEY PLAN - SECTION C & D

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

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CHECKED BY: BAJ

A704

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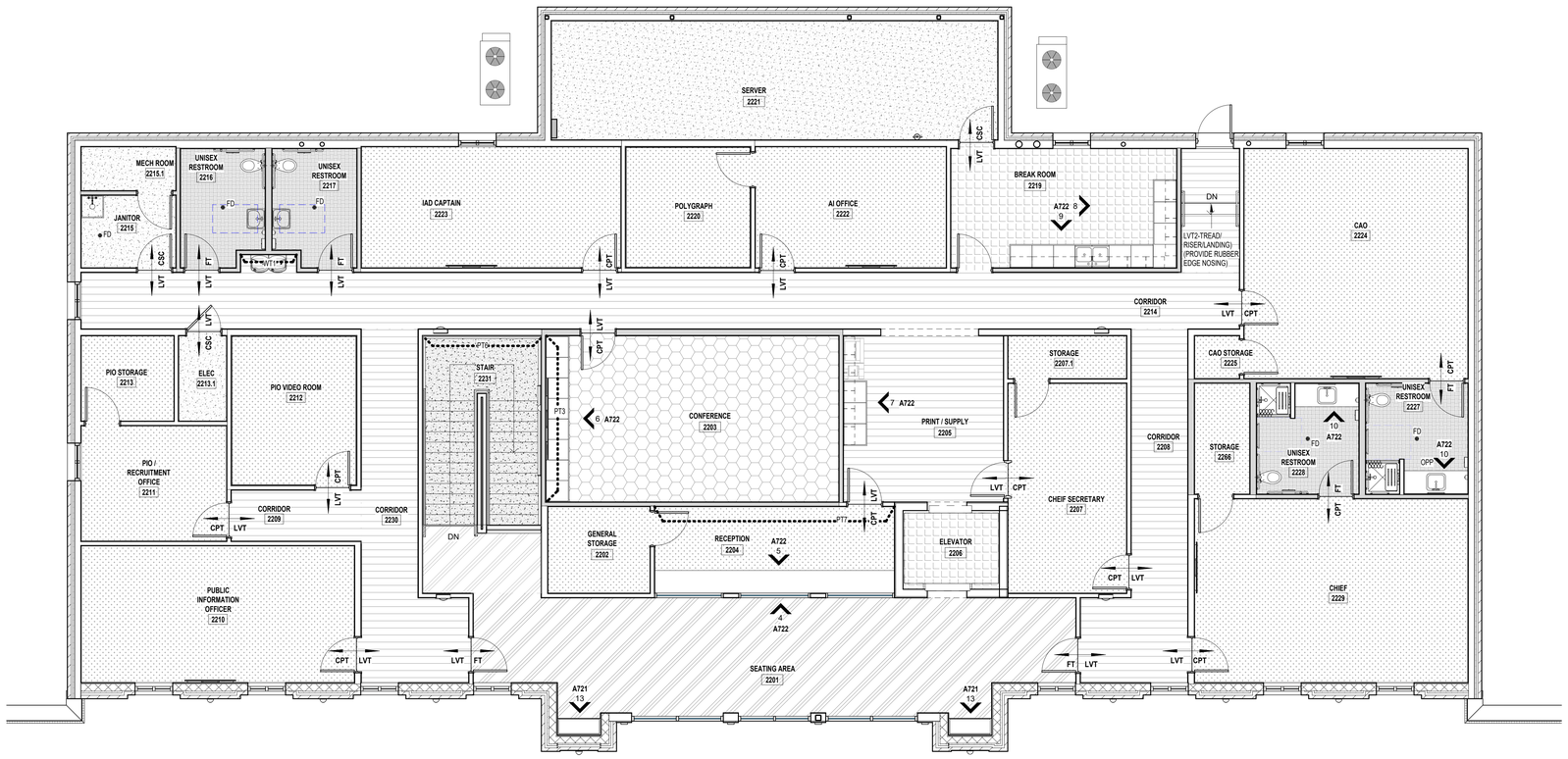
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FINISH FLOOR GEN. NOTES

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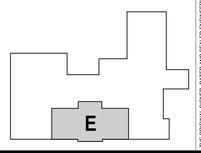
FINISH FLOOR PLAN LEGEND

- CPT 1
- CPT 2
- RFT 1
- LVT 1
- LVT 3
- LVT 2
- LVT 4
- RF 1
- CSC 1
- FT 1
- RT 1
- RF 2
- FT 3
- SC 1
- STR1
- FT 2
- FLOOR TRANSITION
- FD FLOOR DRAINS
- ACCENT FINISH LOCATION



1 A705 2ND FLOOR FINISH PLAN-SECTION A
3/16" = 1'-0"

KEY PLAN



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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ
CHECKED BY: BAJ

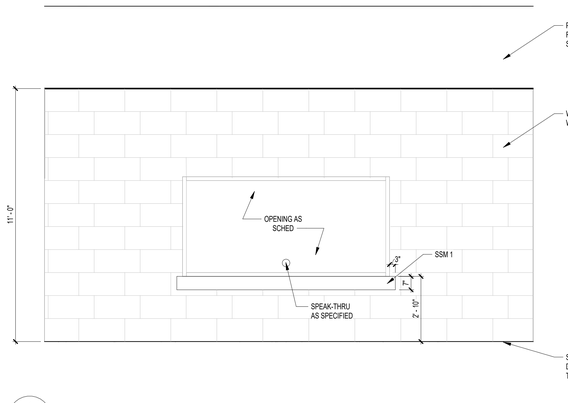
SECOND FLOOR FINISH PLAN AND MILLWORK KEY PLAN-SECTION A

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

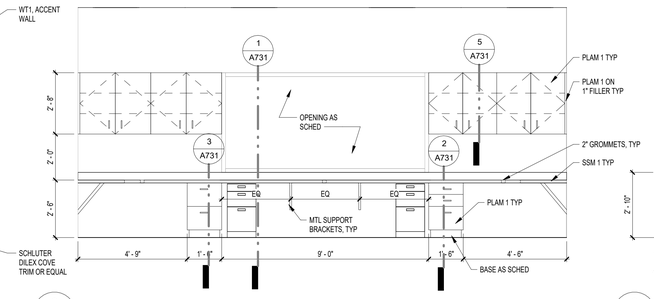
A705

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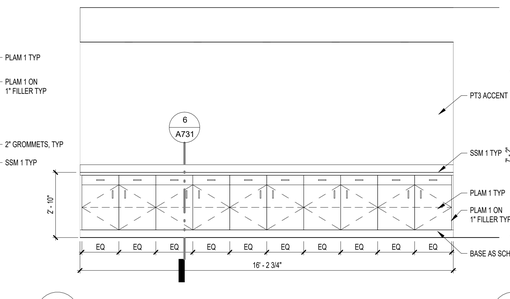
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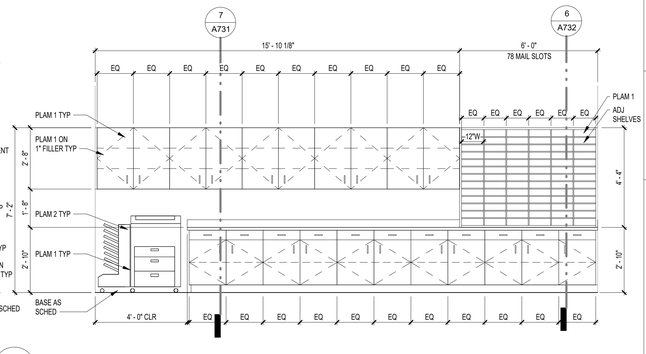
1 A721 INTERIOR/ MILLWORK ELEVATION-LOBBY
3/8" = 1'-0"



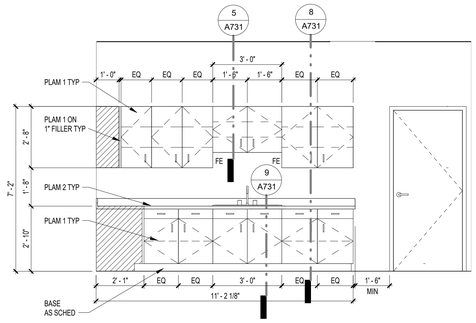
2 A721 MILLWORK ELEVATION- RECEPTION 1102 A
3/8" = 1'-0"



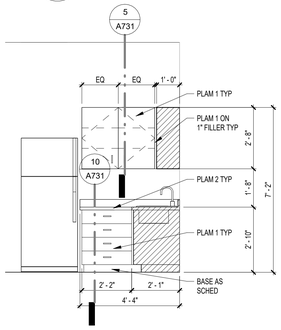
3 A721 MILLWORK ELEVATION- CONFERNECE/NEWS ROOM
3/8" = 1'-0"



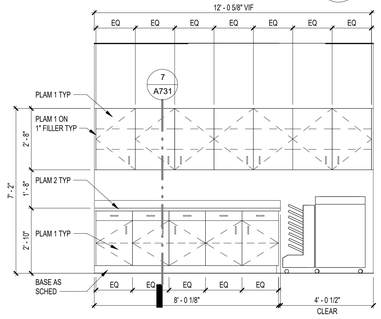
4 A721 MILLWORK ELEVATION- BRIEFING PRINT AREA
3/8" = 1'-0"



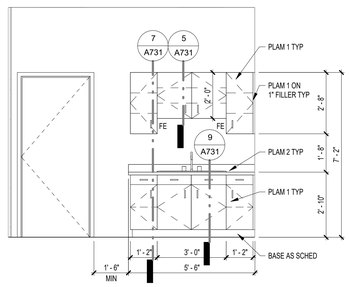
5 A721 MILLWORK ELEVATION- BREAKROOM 1128 A
3/8" = 1'-0"



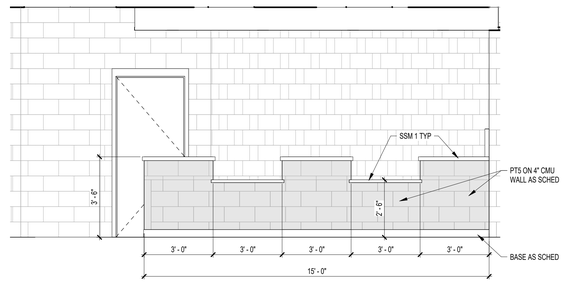
6 A721 MILLWORK ELEVATION- BREAKROOM 1128 B
3/8" = 1'-0"



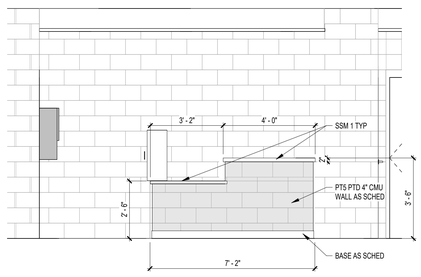
7 A721 MILLWORK ELEVATION- JAIL PRINT ROOM
3/8" = 1'-0"



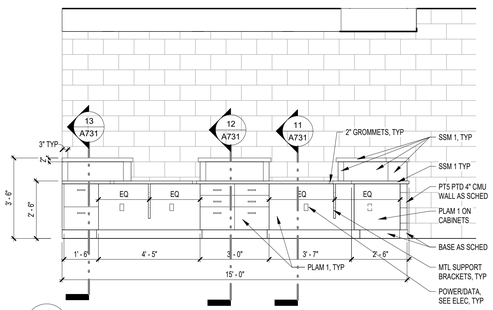
8 A721 MILLWORK ELEVATION- LAUNDRY
3/8" = 1'-0"



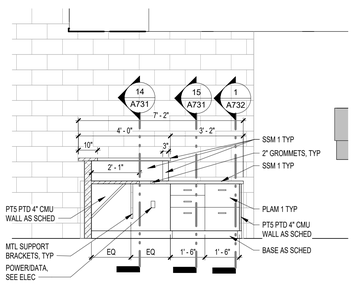
9 A721 MILLWORK ELEVATION- BOOKING RECEPTION 1
3/8" = 1'-0"



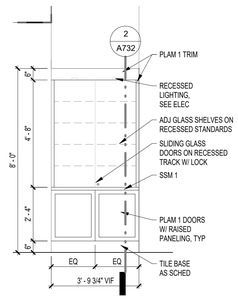
10 A721 MILLWORK ELEVATION- BOOKING RECEPTION 2
3/8" = 1'-0"



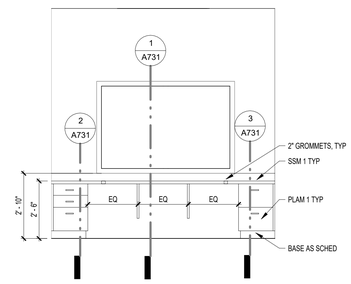
11 A721 MILLWORK ELEVATION- BOOKING RECEPTION 3
3/8" = 1'-0"



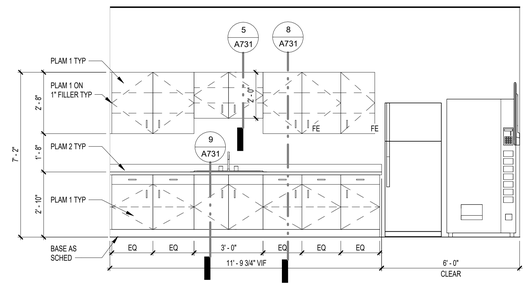
12 A721 MILLWORK ELEVATION- BOOKING RECEPTION 4
3/8" = 1'-0"



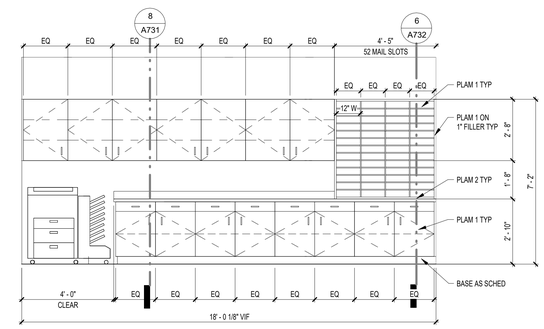
13 A721 MILLWORK ELEVATION- 1ST/2ND LOBBY DISPLAY CASE TYP.
3/8" = 1'-0"



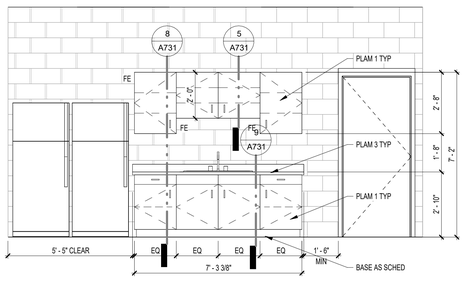
14 A721 MILLWORK ELEV- CID SECRETARY
3/8" = 1'-0"



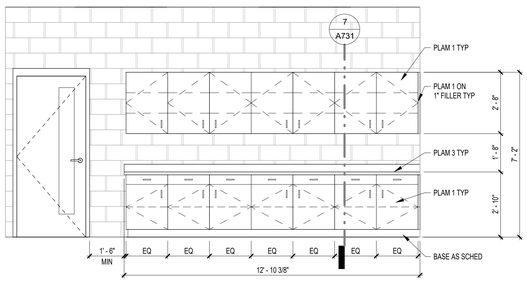
15 A721 MILLWORK ELEVATION- CID/CSI BREAKROOM
3/8" = 1'-0"



16 A721 MILLWORK ELEVATION- PRINT SUPPLY 1209
3/8" = 1'-0"



17 A721 MILLWORK ELEVATION- FORENSIC LAB 1
3/8" = 1'-0"



18 A721 MILLWORK ELEVATION- FORENSIC LAB 2
3/8" = 1'-0"

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

Bradford A. Jones 9107 REGISTERED ARCHITECT STATE OF LOUISIANA

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

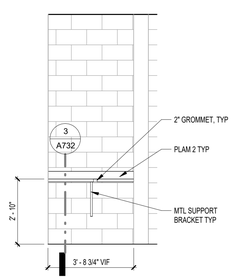
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

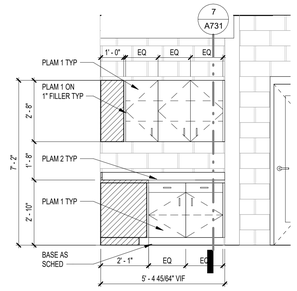
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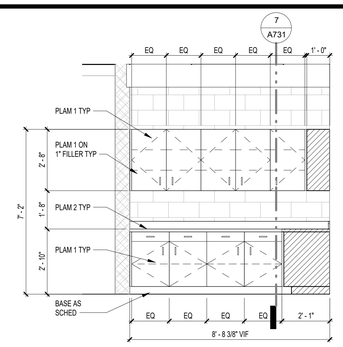
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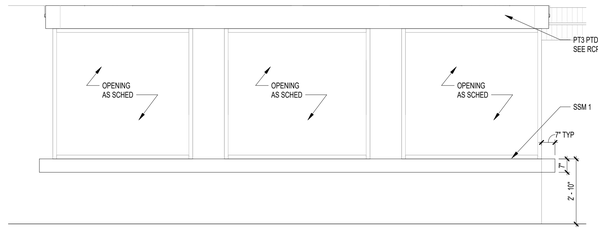
1 A722 MILLWORK ELEVATION-SHOWER 1212
3/8" = 1'-0"



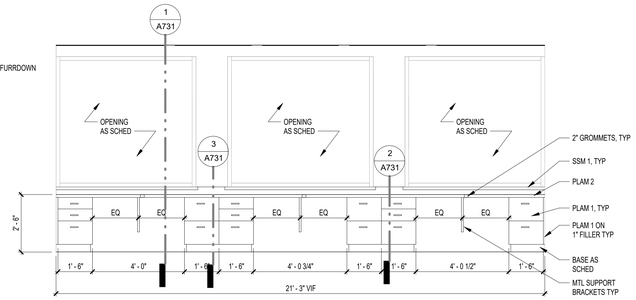
2 A722 MILLWORK ELEVATION-EVIDENCE PROC. 1215 A
3/8" = 1'-0"



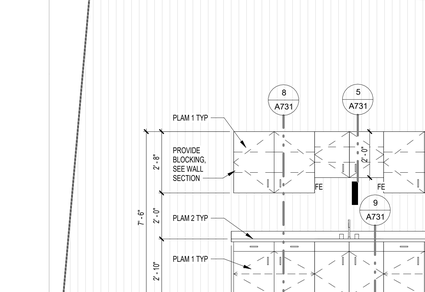
3 A722 MILLWORK ELEVATION- EVIDENCE PROC. 1215 B
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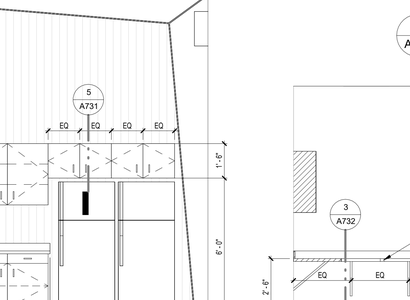
4 A722 MILLWORK ELEVATION- SEATING AREA 2201
3/8" = 1'-0"



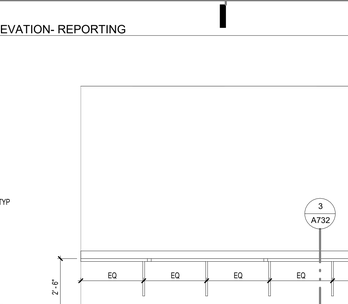
5 A722 MILLWORK ELEVATION- SECRETARY 2204
3/8" = 1'-0"



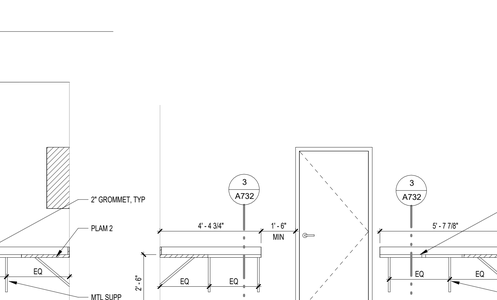
6 A722 MILLWORK ELEVATION- CONFERENCE 2203
3/8" = 1'-0"



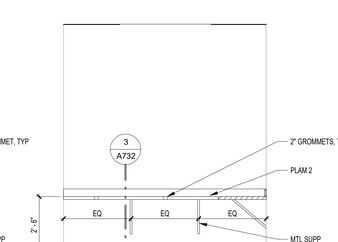
7 A722 MILLWORK ELEVATION- PRINT SUPPLY 2205
3/8" = 1'-0"



8 A722 MILLWORK ELEVATION- BREAKROOM 2219 A
3/8" = 1'-0"



9 A722 MILLWORK ELEVATION- BREAKROOM 2219 B
3/8" = 1'-0"



10 A722 MILLWORK ELEVATION- RESTROOM 2227/2228
3/8" = 1'-0"

11 A722 MILLWORK ELEVATION- BREAKROOM 1187
3/8" = 1'-0"

12 A722 MILLWORK ELEVATION- MEDICAL/LIBRARY
3/8" = 1'-0"

13 A722 MILLWORK ELEVATION- TRAINING ROOM
3/8" = 1'-0"

14 A722 MILLWORK ELEVATION- PRINT/SUPPLY 1205
3/8" = 1'-0"

21 A722 MILLWORK ELEVATION- OFFICER EVIDENCE INTAKE
3/8" = 1'-0"

15 A722 MILLWORK ELEVATION- REPORTING
3/8" = 1'-0"

16 A722 MILLWORK ELEVATION- VEHICLE PROCESSING TYPICAL
3/8" = 1'-0"

17 A722 MILLWORK ELEV- RECEP 1102 B
3/8" = 1'-0"

18 A722 MILLWORK ELEV- RECEP 1102 C
3/8" = 1'-0"

19 A722 MILLWORK ELEV- FIN CRIMES DET. A
3/8" = 1'-0"

20 A722 MILLWORK ELEV- FIN CRIMES DET. B
3/8" = 1'-0"

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Bradford A. Jones
9107
REGISTERED ARCHITECT
STATE OF LOUISIANA

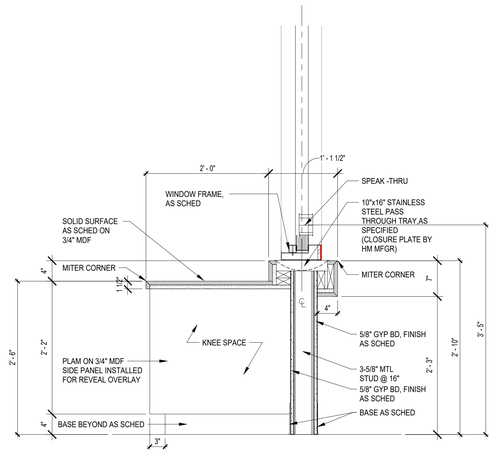
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MILLWORK ELEVATIONS

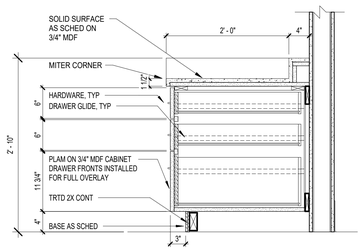
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A722

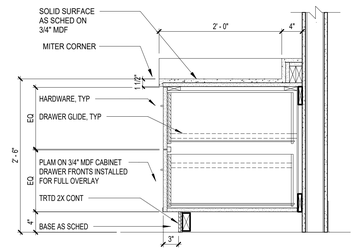
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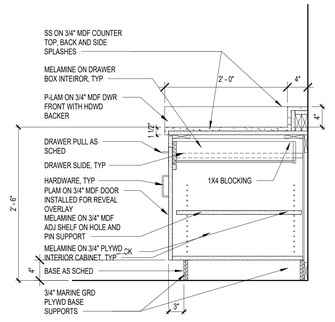
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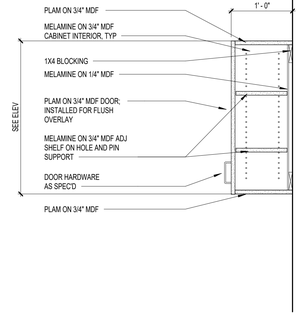
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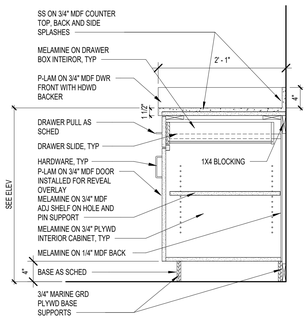
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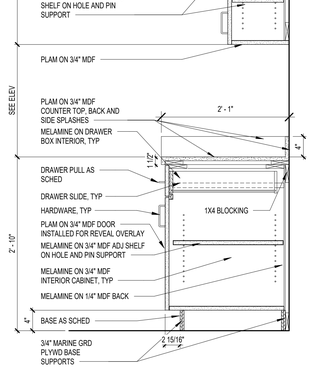
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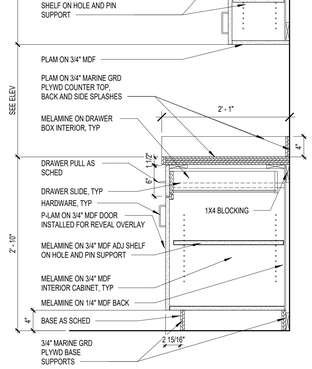
5 A731 MILLWORK SECTION
1" = 1'-0"



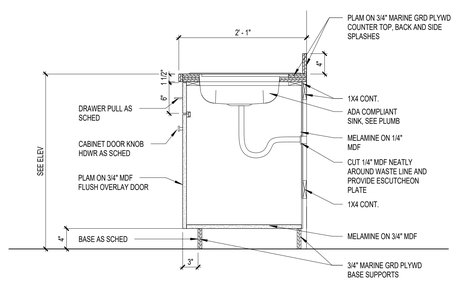
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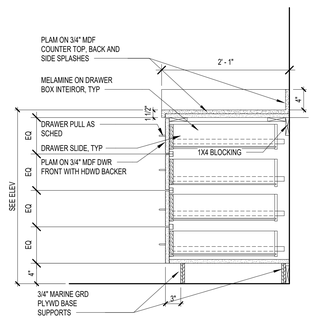
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1" = 1'-0"



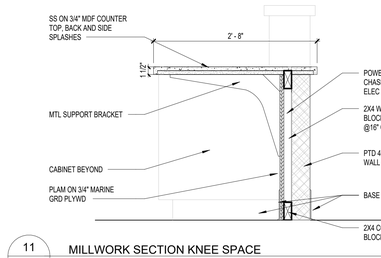
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1" = 1'-0"



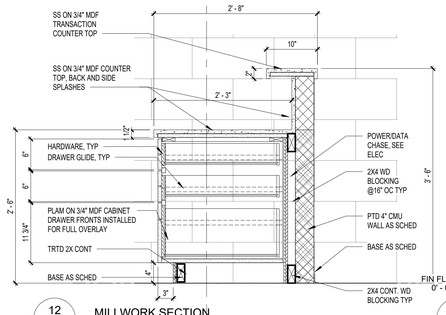
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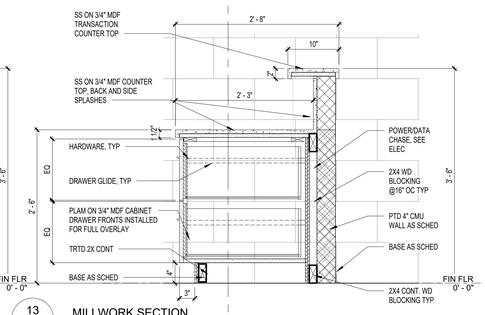
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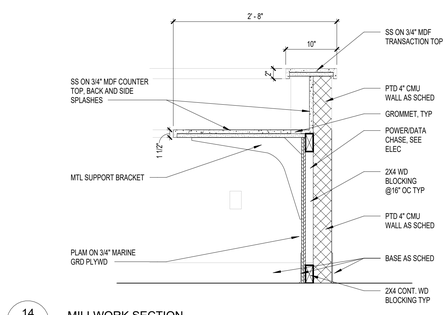
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1" = 1'-0"



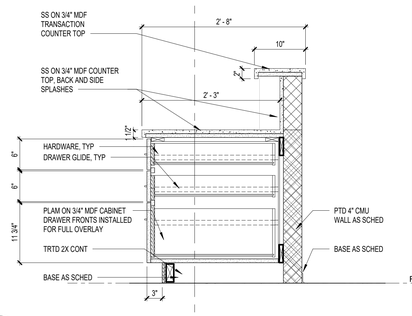
12 A731 MILLWORK SECTION
1" = 1'-0"



13 A731 MILLWORK SECTION
1" = 1'-0"



14 A731 MILLWORK SECTION
1" = 1'-0"



15 A731 MILLWORK SECTION
1" = 1'-0"

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Louisiana
Bradford A. Jones
9107
REGISTERED ARCHITECT

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

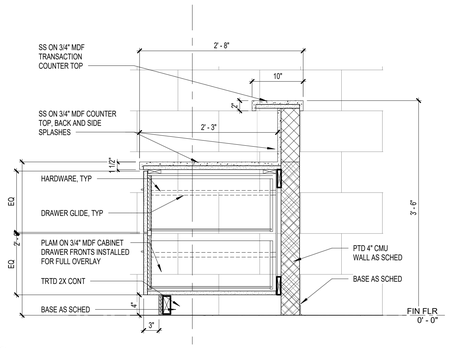
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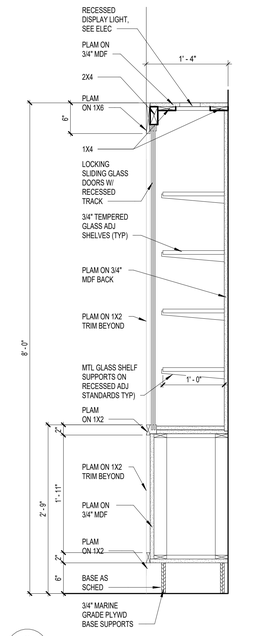
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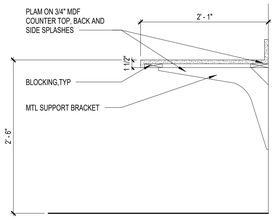
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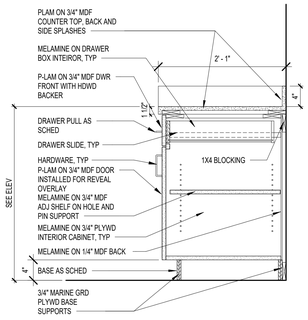
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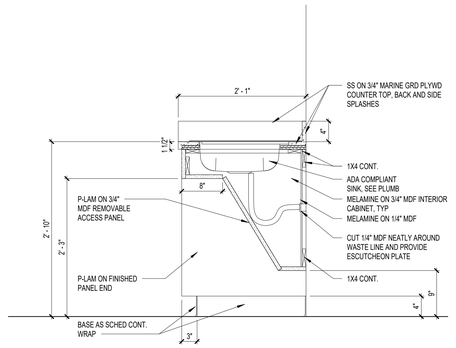
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3 A732 MILLWORK SECTION
1" = 1'-0"

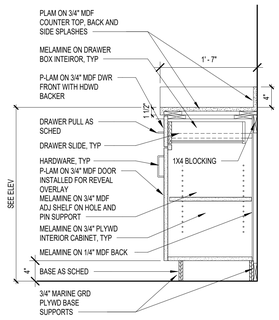


4 A732 MILLWORK SECTION
1" = 1'-0"



5 A732 MILLWORK SECTION
1" = 1'-0"

6 A732 MILLWORK SECTION
1" = 1'-0"



7 A732 MILLWORK SECTION
1" = 1'-0"

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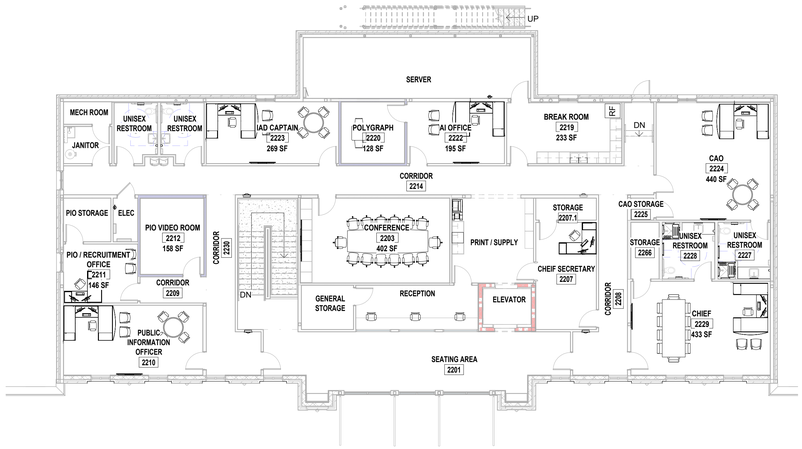
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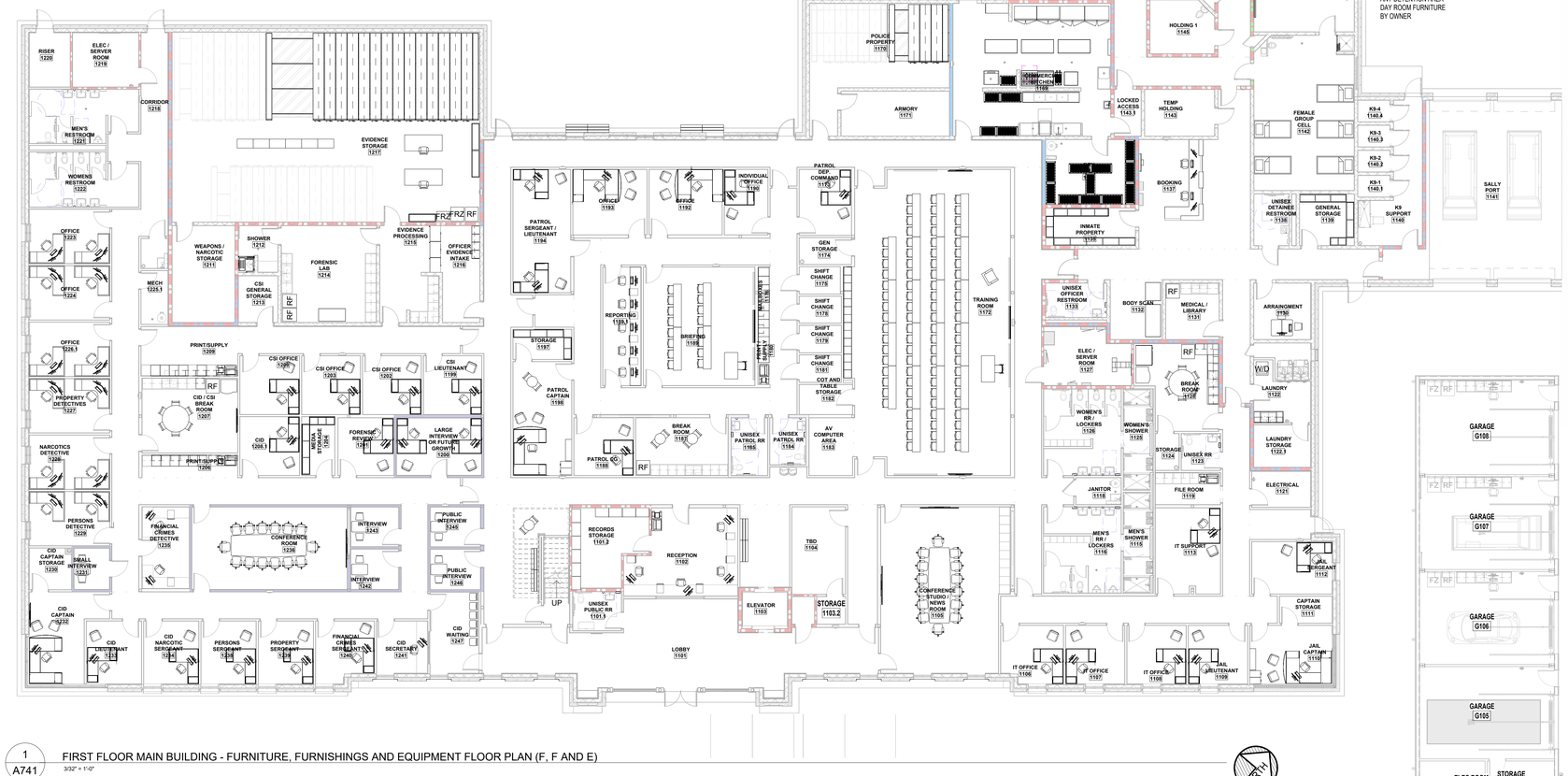
A732

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2 A741 SECOND FLOOR MAIN BUILDING - FURNITURE, FURNISHINGS AND EQUIPMENT FLOOR PLAN

3/32" = 1'-0"



1 A741 FIRST FLOOR MAIN BUILDING - FURNITURE, FURNISHINGS AND EQUIPMENT FLOOR PLAN (F, F AND E)

3/32" = 1'-0"

3 A741 FIRST FLOOR OUT BUILDING - F,F& E, FLOOR PLAN

3/32" = 1'-0"

FF&E BREAKDOWN AND RESPONSIBILITY

Note: All supporting infrastructure for any Owner Purchased / Owner Installed items including but not limited to plumbing, electrical, and data rough ins along with any supporting structure will be included in the General Contractor's base bid unless noted otherwise.

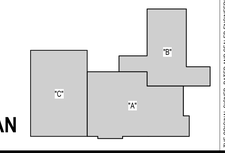
#	ITEM	PURCHASED BY OWNER	INSTALLED BY OWNER	PURCHASED BY GC	INSTALLED BY GC
Security / Building Control					
	Fire Alarm System			■	■
	Door Access Control Electrified Door Hardware and Associated door AV			■	■
	Door Access Control Card Readers			■	■
	Door Access Control Cards			■	■
	Door Access Control System, and Equipment (computer, laptop, etc...)				
	Servers	■	■		
	Server Racks				
	Cameras			■	■
	Internet Equipment	■	■		
	WIFI Equipment	■	■		
	WIFI Access Points	■	■		
	Intercom System			■	■
	Equipment - Generator			■	■
	General Building Key Box - non secured but in a secure location			■	■
	Jail / Detention Secure Key Box (Emergency protocol back up keys)	■	■		
General Building Services and Equipment					
	Phone System	■	■		
	Computers	■	■		
	Printer / Copier Machines	■	■		
	Smart Board or Smart TV for interactive training (Training Room)	■	■		
	Televisions	■	■		
	All loose Furniture; Desks, Conf. Tables, Chairs, storage cabinets, etc	■	■		
Kitchen					
	Kitchen - Wall Mounted knife Storage Solution	■			■
	Kitchen - Ice Maker	■			■
	Kitchen - Oven/Range/Griddle	■			■
	Kitchen - Gas Fryer	■			■
	Kitchen - Dishwasher	■			■
	Kitchen - Dishwasher side table with sink	■			■
	Kitchen - Dishwasher side table	■			■
	Kitchen - Reach in Freezer	■			■
	Kitchen - Reach in Freezer (curently owns)	■			■
	Kitchen - Handwash Sink	■			■
	Kitchen - Janitor Cabinet	■			■
	Kitchen - Work Table with Sink	■			■
	Kitchen - Reach in Refrigerator	■			■
	Kitchen - Reach in Refrigerato r (currently own)	■			■
	Kitchen - All stainless steel shelving (including dry storage)	■			■
	Kitchen - 3 compartment sink	■			■
	Kitchen - Prep / Work Table	■			■
	Kitchen - Stainless Steel Prep tables	■			■
Break Rooms					
	Break Rooms - Refrigerator / Freezer w/ Ice Maker	■	■		
	Break Rooms - Microwave	■	■		
	Break Rooms - Vending Machines	■	■		
Restrooms / Showers / Janitor Closets					
	Restroom - Toilet Partitions			■	■
	Restroom - Lockers			■	■
	Restroom - Lavatories			■	■
	Restroom - Water Closets			■	■
	Restrooms - Urinals			■	■
	Restrooms - Faucets			■	■
	Restrooms - Mirrors	■	■		
	Restrooms - Paper Towel Dispensers	■	■		
	Restrooms - Soap Dispensers	■	■		
	Restrooms - Toilet Tissue Dispensers	■	■		
	Restrooms - Sanitarty Napkin Disposal *(NOT USED)*				
	Restrooms - Trash Disposal (combo unit with paper towel currently)	■			
	Showers			■	■
	Janitor Sinks			■	■
	Washer and Dryer - Commercial (Laundry 1-122)			■	■
	Washer and Dryer - Residential (Police Property 1-171)			■	■
Storage					
	Evidence Storage Existing and any proposed new	■	■		
	Evidence Storage Flooring rail install and support deck			■	■
	Evidence Storage Deck Finish Floor	■	■		
	General Storage rooms and Closets thoughout	■	■		
	Inmate Property	■	■		
	Detention Area General Storage	■	■		
Misc.					
	Window Blinds			■	■
	Flagpoles			■	■
	Flags	■	■		
	Marker Boards			■	■
	White Boards			■	■
	Smart Boards	■	■		
	Signage - Exterior on Building			■	■
	Signage - Exterior at Street			■	■
	Signage - Interior at Rooms			■	■
Detention / Jail					
	Detention Doors and Hardware			■	■
	Jail - Holding Bench / Restraint	■	■		
	Jail - Isolation Beds	■	■		
	Jail - Group Cell Beds	■	■		
	Jail - Day Room Furniture	■	■		
	Jail - Padded Room Bench / Restraint / Padding	■	■		
	Jail - Sanitarty Napkin Disposal (Detainee Restrrom 1-138)				
	Jail - K9 Dog wash			■	■
	Garage - Refrigerator	■	■		
	Garage - Freezer w/ Ice Maker	■	■		

GENERAL SHEET NOTES

1. STRUCTURAL GRID NOT SHOWN ON THIS SHEET FOR CLARITY.
2. NOT ALL ROOM NAMES AND NUMBERS ARE SHOWN FOR CLARITY.

VEHICAL PROCESSING BUILDING ALTERNATE

"D"



KEY PLAN

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Bradford A. Jones 9107 REGISTERED ARCHITECT STATE OF LOUISIANA

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN

CITY OF SLIDELL, LOUISIANA

911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS INDICATED
PROJECT NO: 0315.23.001
DRAWN BY: MAJ,
CHECKED BY: BAJ

FIRST AND SECOND FLOOR MAIN BUILDING AND OUT BUILDING - FURNITURE, FIXTURE AND EQUIPMENT PLANS AND SCHEDULE

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

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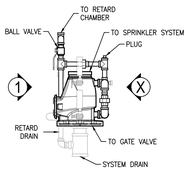
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FIRE PROTECTION NOTES

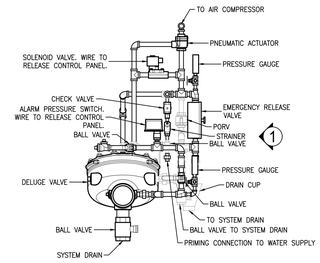
1. THE FIRE SUPPRESSION WORK INDICATED ON THESE DOCUMENTS ARE FOR GENERAL PERFORMANCE, GUIDELINES, LAYOUT, AND COORDINATION PURPOSES ONLY AND DO NOT REPRESENT AN APPROVED DESIGN. THE BUILDING FIRE SUPPRESSION SYSTEM SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED AND LICENSED FIRE SUPPRESSION SYSTEM CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES, ORDINANCES, UTILITY GUIDELINES, AND NFPA 13. ALL REQUIRED FINAL CALCULATIONS, LAYOUTS, DESIGN, COMPONENTS, ARRANGEMENTS, MATERIALS, ETC. SHALL BE DETERMINED BY THE FIRE SUPPRESSION CONTRACTOR.
2. BUILDING SHALL BE FULLY PROTECTED BY AN AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13, STANDARD FIRE PREVENTION CODE AND LOCAL CODES. BUILDING SHALL BE PROTECTED BY A WET PIPE SYSTEM. MAXIMUM FLOOR AREA PROTECTED PER SYSTEM SHALL BE IN ACCORDACE WITH NFPA 13.
3. THE FIRE SUPPRESSION SYSTEM SHALL BE DESIGNED, INSTALLED AND TESTED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
   a. REGULATIONS OF THE APPROVING JURISDICTION
   b. NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS; NO. 13 SPRINKLER SYSTEMS.
4. ALL WORK SHOWN ON THESE DOCUMENTS IS INTENDED AS A GUIDE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING COMPLETE SHOP DRAWINGS AND CALCULATIONS FOR REVIEW. THE SHOP DRAWINGS AND CALCULATIONS SHALL BE PREPARED IN ACCORDANCE WITH THE ABOVE REFERENCED NFPA STANDARDS.
5. MAXIMUM AREA OF COVERAGE PER SPRINKLER SHALL BE IN ACCORDANCE WITH NFPA 13 FOR THE APPLICABLE HAZARD AND TYPE OF SPRINKLER, OR IN ACCORDANCE WITH MANUFACTURER'S LISTINGS.
6. PROVIDE A WET PIPE SPRINKLER SYSTEM AND DOUBLE-INTERLOCK PRE-ACTION SYSTEM AS INDICATED.
7. ALL FIRE PROTECTION SYSTEM CONTROL VALVES SHALL BE PROVIDED WITH VALVE SUPERVISORY SWITCHES BY THE SPRINKLER CONTRACTOR. WIRING TO VALVE SUPERVISORY SWITCHES AND WATER FLOW SWITCHES SHALL BE BY OTHERS. ALL ELECTRICAL DEVICES FOR THE FIRE PROTECTION SYSTEM SHALI BE COMPATIBLE WITH THE FIRE ALARM SYSTEM.
8. PIPING SHALL BE INSTALLED SO THAT ALL PORTIONS OF THE SYSTEM CAN BE DRAINED BACK THROUGH VALVES IN ACCORDANCE WITH THE REFERENCED NFPA STANDARDS.
9. THE CONTRACTOR SHALL SUBMIT SIGNED CERTIFIED TEST RESULTS FOR RECORD OF ALL ACCEPTANCE TEST REQUIRED BY THE APPLICABLE NFPA STANDARDS FOR THE INSTALLED FIRE PROTECTION PIPING SYSTEM. THE TEST RESULTS SHALL BE REPORTED UTILIZING NFPA STANDARD FORMS.
10. SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD LOCATIONS WITH LIGHTS, DIFFUSERS, AND OTHER MECHANICAL AND ELECTRICAL EQUIPMENT.
11. FULLY COORDINATE INSTALLATION OF PIPE WITH ALL OTHER TRADES, WITH PARTICULAR EMPHASIS ON COORDINATION WITH HVAC DUCTWORK, LIGHTS, AND CEILING FEATURES. SPRINKLER PIPE SHALL NOT BE SUSPENDED FROM DUCT HANGERS UNLESS THESE SUPPORTS ARE SPECIFICALLY DESIGNED TO ACCOMMODATE SPRINKLER PIPE. HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13.
12. CONTRACTOR SHALL CONDUCT FLOW TEST AND DETERMINE IF WATER SUPPLY IS ADEQUATE.
13. ALL DEVICES SHALL BE UL LISTED FOR FIRE PROTECTION SERVICE AND FM APPROVED.
14. ALL PIPING SHALL BE LABELED IN ACCORDANCE WITH ASTM STANDARD A13.1.1. LABELS SHALL INCLUDE PIPING SERVICE (FIRE WATER SUPPLY, FDC, ETC.), SIZE, AND DIRECTION OF FLOW.
15. ABOVE GRADE SPRINKLER PIPE SHALL BE SCHEDULE 10 BLACK STEEL WITH GROOVED COMPRESSION COUPLINGS FITTINGS.
16. BELOW GRADE SERVICE PIPE SHALL BE AWWAC-900 PVC PIPE WITH MECHANICAL JOINTS. ABOVE GRADE SERVICE PIPE SHALL BE DUCTILE IRON WITH FLANGED FITTINGS. ALL BELOW GRADE BOLTS SHALL BE COATED WITH FLUOROKOTE #1 AND ANTI-SIEZE COMPOUND. ABOVE GRADE BOLTS SHALL BE HOT DIPPED GALVANIZED.
17. SPRINKLER HEADS IN CEILINGS SHALL BE FULLY CONCEALED TYPE. THE COVER PLATE SHALL BE FACTORY FINISHED (WHITE).
18. SPRINKLER HEADS IN SECURITY CEILINGS AND DETENTION AREAS SHALL BE FLUSH MOUNT INSTITUTIONAL TYPE.
19. SPRINKLER HEADS IN LAY-IN, T-BAR CEILINGS SHALL BE CENTERED IN BOTH DIRECTIONS IN THE TILES. SPRINKLER HEADS IN ALL OTHER CEILINGS SHALL BE CENTERED BETWEEN THE NEAREST TWO LIGHTS. IF A CENTERED CONDITION IS NOT POSSIBLE FOR A PARTICULAR AREA, THE SPRINKLER HEADS SHALL BE INLINE WITH THE NEAREST TWO LIGHTS. PROVIDE ADDITIONAL SPRINKLER HEADS AS NECESSARY TO ACCOMPLISH THIS EVEN IF THE COVERAGE CAN BE ACHIEVED WITH FEWER HEADS IN A NON-CENTERED/NON-INLINE LAYOUT.
20. SPRINKLER HEADS IN EXPOSED CEILING AREAS SHALL BE FACTORY FINISHED (COLOR SELECTED BY ARCHITECT).
21. PROVIDE AND INSTALL PIPE ESCUTCHEONS AROUND ALL WALL PENETRATIONS IN EXPOSED AREAS. ESCUTCHEONS SHALL BE FACTORY FINISHED (WHITE)
22. PROVIDE AND INSTALL FIRE RATED CAULKING AROUND ALL PIPE PENETRATIONS OF FIRE RATED WALLS.
23. ALL PIPING IN EXPOSED AREAS SHALL BE PAINTED WITH A PRIMER AND TWO TOPCOATS.

FIRE PROTECTION ABBREVIATIONS

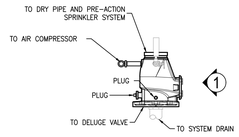
A	
AFF	ABOVE FINISHED FLOOR
C	
CUC	COVERED UNIT CONSTRUCTION
E	
EC	ELECTRICAL CONTRACTOR
F	
FC	FIRE PROTECTION CONTRACTOR
FDC	FIRE DEPARTMENT CONNECTION
FM	FACTORY MUTUAL INSURANCE COMPANY OR FLOW METER
FP	FIRE PROTECTION
FT	FOOT/FEET
FW	FIRE WATER
G	
GC	GENERAL CONTRACTOR
H	
HPFW	HIGH PRESSURE FIRE WATER
I	
IPD	INDUSTRIAL PRODUCTS DEPARTMENT
M	
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MIN	MINIMUM
MPFW	MEDIUM PRESSURE FIRE WATER
N	
NTS	NOT TO SCALE
O	
OS&Y	OUTSIDE YOKE AND STEM
P	
PC	PLUMBING CONTRACTOR
PI	PRESSURE INDICATOR
PIV	POST INDICATOR VALVE
T	
TYP	TYPICAL
S	
SW	SERVICE WATER
U	
UL	UNDERWRITERS LABORATORIES



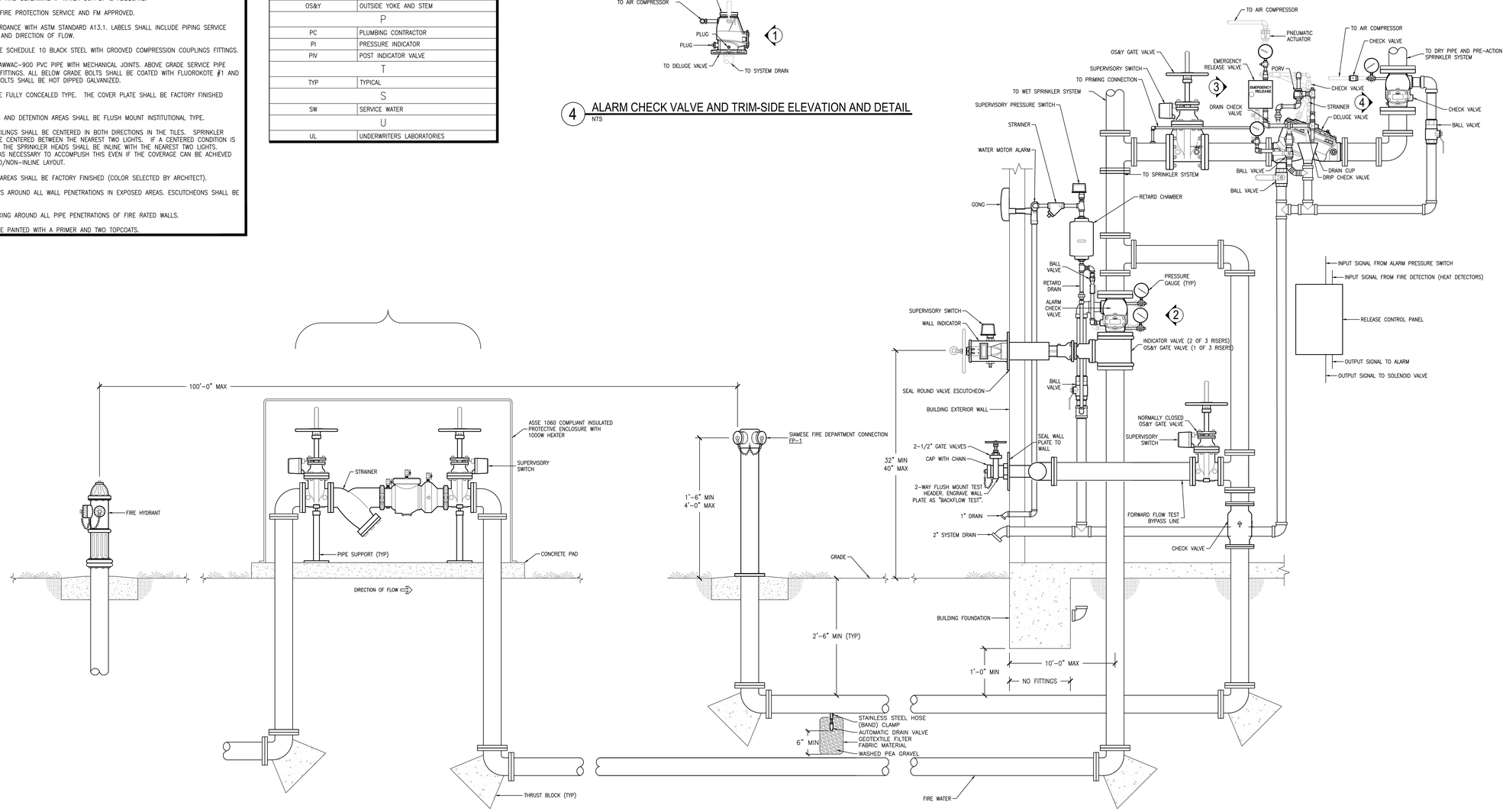
2 ALARM CHECK VALVE AND TRIM-SIDE ELEVATION AND DETAIL
NTS



3 ALARM CHECK VALVE AND TRIM-SIDE ELEVATION AND DETAIL
NTS



4 ALARM CHECK VALVE AND TRIM-SIDE ELEVATION AND DETAIL
NTS



1 WET PIPE/PREACTION COMBO SPRINKLER SUPPLY RISER, ELEVATION, AND DETAIL
NTS

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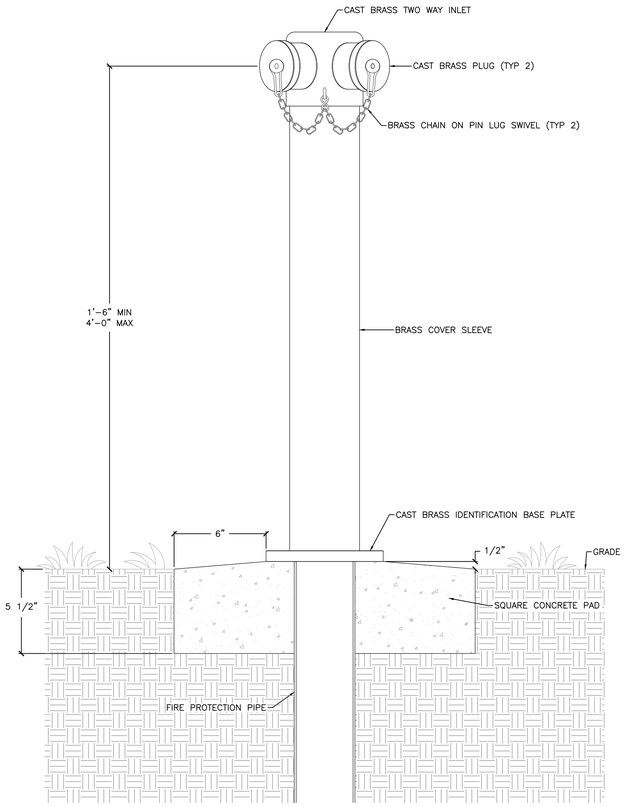
FIRE PROTECTION NOTES, ABBREVIATIONS AND DETAILS

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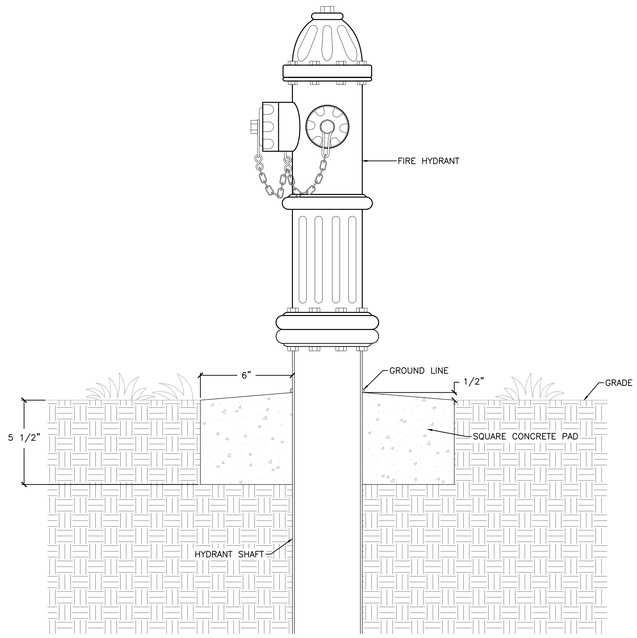
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1 FIRE DEPARTMENT CONNECTION DETAIL
SCALE: NONE



2 FIRE HYDRANT DETAIL
SCALE: NONE

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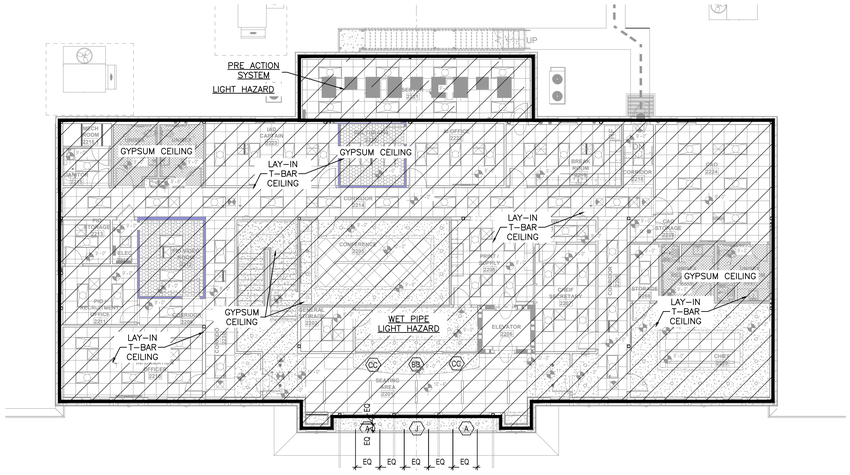
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FIRE PROTECTION DETAILS

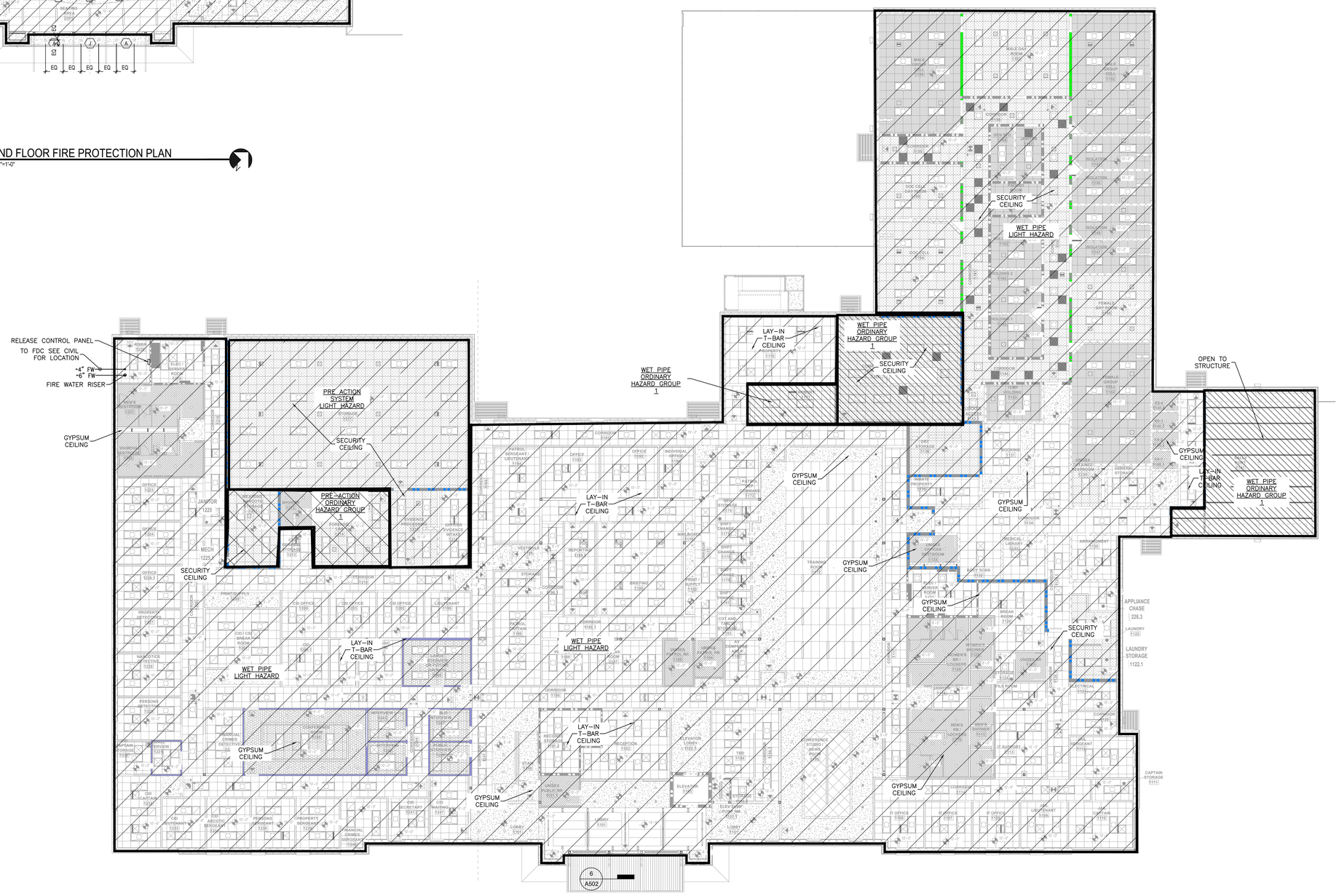
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2 SECOND FLOOR FIRE PROTECTION PLAN
SCALE: 3/32"=1'-0"



1 FIRST FLOOR OVERALL FIRE PROTECTION PLAN
SCALE: 3/32"=1'-0"

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911 ROBERT BLVD, SLIDELL LA 70458

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OVERALL FIRE PROTECTION PLANS

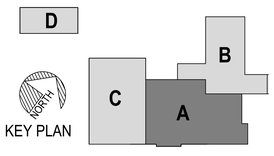
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1 ENLARGED FIRE PROTECTION PLAN - SECTION A
SCALE: 3/16"=1'-0"



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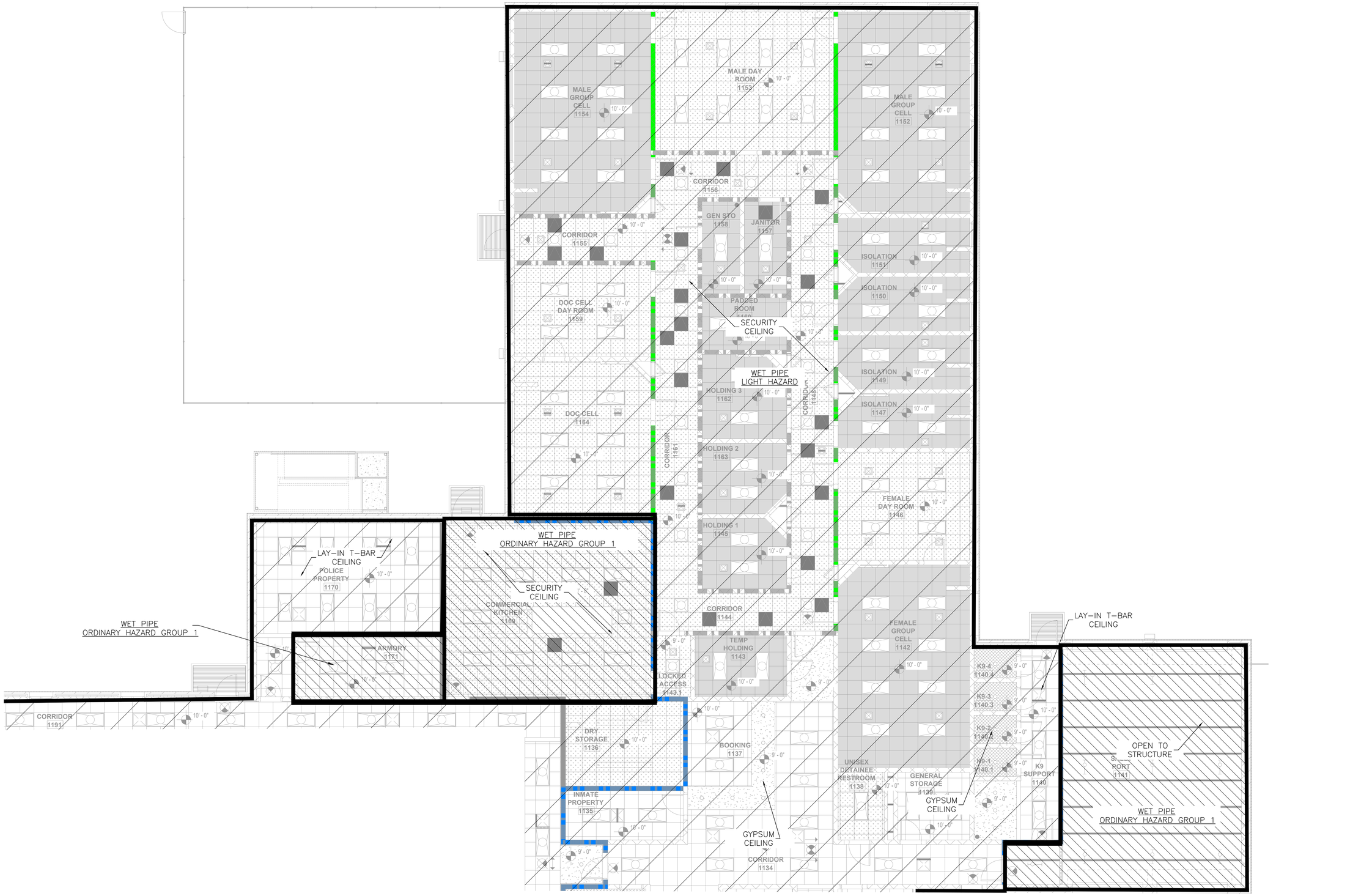
ENLARGED FIRE PROTECTION PLAN - SECTION A

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1 ENLARGED FIRE PROTECTION PLAN - SECTION B
SCALE: 3/16"=1'-0"

KEY PLAN

D
C
B
A

MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
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STATE OF LOUISIANA
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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ENLARGED FIRE PROTECTION PLAN - SECTION B

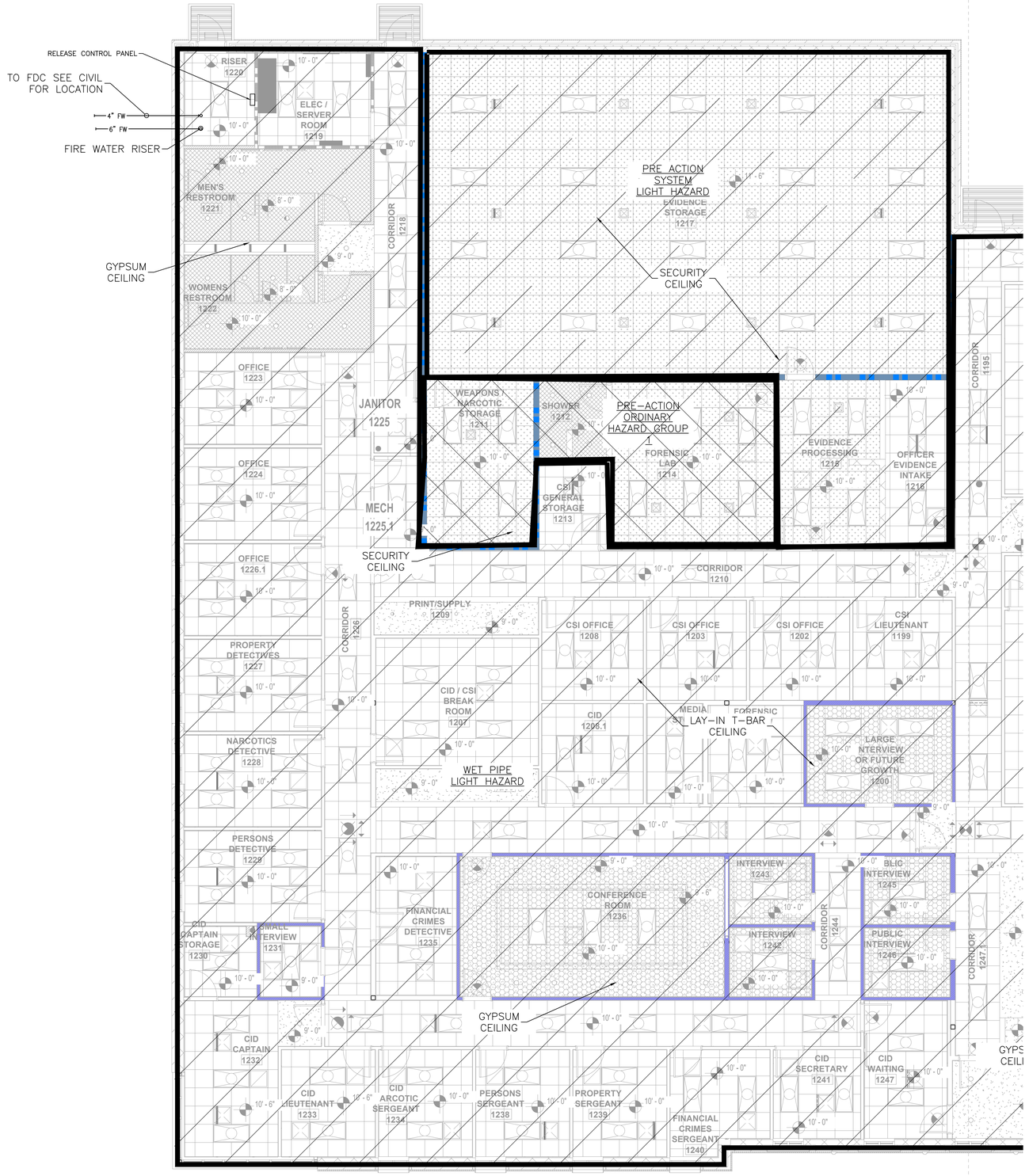
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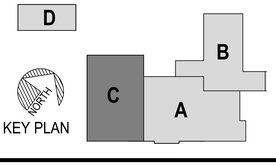
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1 ENLARGED FIRE PROTECTION PLAN - SECTION C
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KEY PLAN

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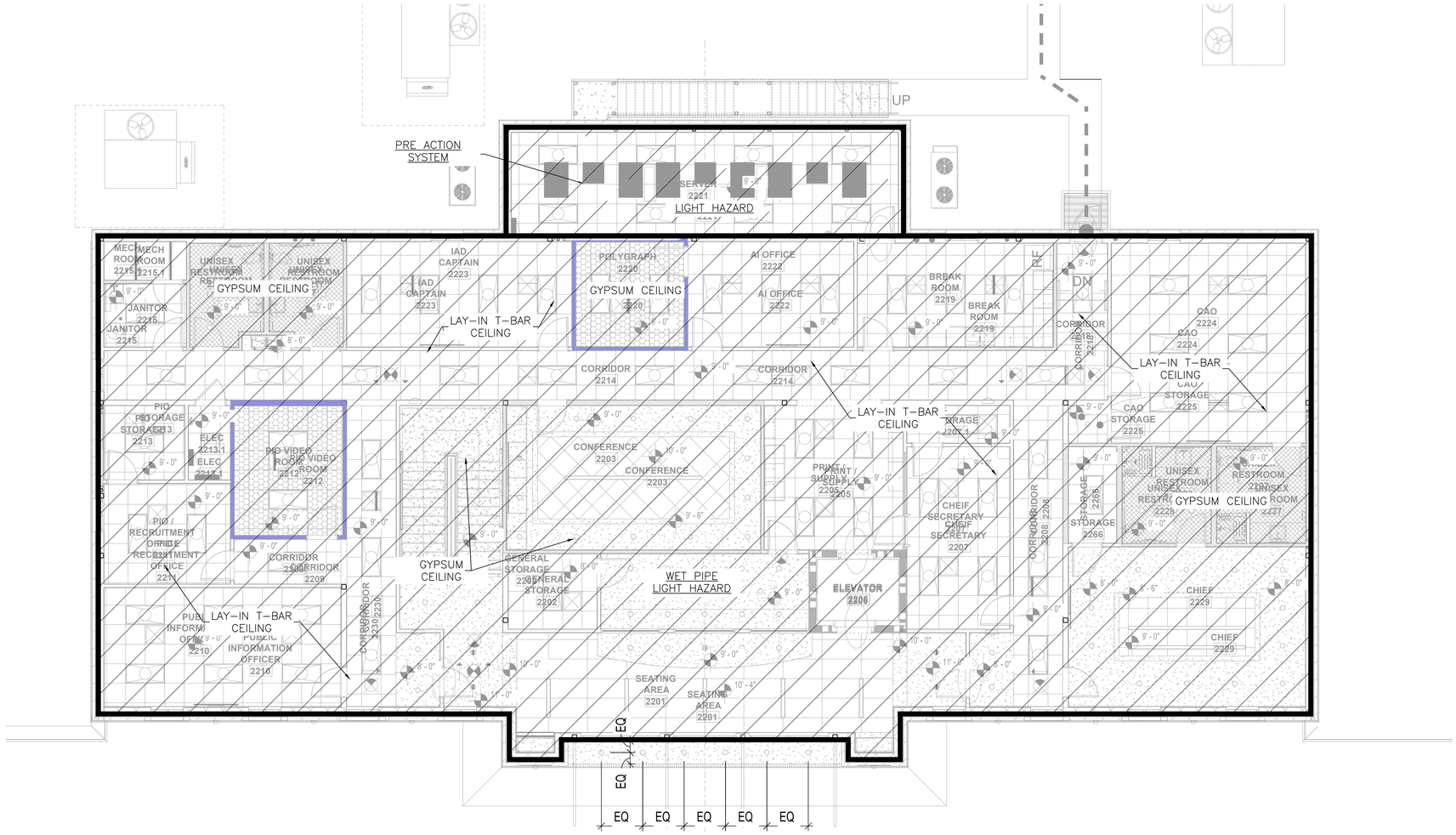
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1 SECOND FLOOR ENLARGED FIRE PROTECTION PLAN - SECTION E
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PLUMBING NOTES

A. GENERAL

1. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE INTERNATIONAL CODE AND ALL LOCAL ORDINANCES AS ADOPTED BY THE LOCAL JURISDICTION.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETE INSTALLATION AND OPERATION OF THE SYSTEMS INDICATED ON THE CONTRACT DOCUMENTS AND DRAWINGS EVEN IF NOT SPECIFICALLY SHOWN.
3. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND DO NOT ALWAYS SHOW ALL NECESSARY MATERIALS AND EQUIPMENT TO SCALE OR IN EXACT LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK ALL MEASUREMENTS, COORDINATE ALL WORK WITH OTHER TRADES, REVIEW ALL ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND VISIT THE JOBSITE TO MAKE APPROPRIATE MEASUREMENTS.
4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AND SHALL PAY ALL ASSOCIATED FEES FOR SCOPE OF WORK.
5. WHEN THE SPECIFICATIONS OR DRAWINGS ARE UNCLEAR OR IN CONFLICT WITH CODES OR OTHER TRADES, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE SUBMITTING A BID.
6. SUBMITTALS AND SHOP DRAWINGS FOR ALL EQUIPMENT, MATERIALS, AND ACCESSORIES SHALL BE PROVIDED TO THE OWNER AND ENGINEER FOR REVIEW AND COMMENT PRIOR TO ORDER, MANUFACTURE, FABRICATION, AND INSTALLATION. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY, CONSEQUENCES, AND POSSIBLE COSTS OF SUCH ACTION OR LACK OF ACTION REGARDLESS OF ANY AND ALL ERRORS OR OMISSIONS ON THESE DOCUMENTS. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTOR'S FAILURE TO COMPLY WITH THIS ITEM. IF SUBSTITUTIONS FOR SPECIFIED ITEMS ARE MADE, IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVE PERFORMANCE, COMPATIBILITY, AND CONFORMANCE WITH THE ORIGINAL DESIGN AND SPECIFICATIONS. RE-DESIGN BY THIS ENGINEER TO ACCOMMODATE SUBSTITUTIONS SHALL NOT BE PERFORMED. OTHERWISE, IT WILL BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED.
7. ALL ACTUAL EQUIPMENT, MATERIALS, AND ACCESSORIES TO BE INSTALLED SHALL BE FULLY COORDINATED WITH THE ELECTRICAL, MECHANICAL, CIVIL, STRUCTURAL, AND ARCHITECTURAL CONTRACTORS PRIOR TO ORDER, MANUFACTURE, FABRICATION, AND INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL DATA, WEIGHTS, PLUMBING REQUIREMENTS, DIMENSIONS, PENETRATIONS, ETC. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY, CONSEQUENCES, AND POSSIBLE COSTS OF SUCH ACTION OR LACK OF ACTION REGARDLESS OF ANY AND ALL ERRORS OR OMISSIONS ON THESE DOCUMENTS. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTOR'S FAILURE TO COMPLY WITH THIS ITEM.
8. ANY AND ALL DEVIATIONS FROM THE DESIGN DOCUMENTS WITHOUT THIS ENGINEER'S APPROVAL INDICATES ACCEPTANCE BY THIS CONTRACTOR AND/OR OWNER FOR THE RESPONSIBILITY OF THE PERFORMANCE OF THE SYSTEM AFFECTED. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTOR'S FAILURE TO FOLLOW THE DESIGN DOCUMENTS. IF MODIFICATIONS TO THE SPECIFIED DESIGN ARE MADE, IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVE PERFORMANCE, COMPATIBILITY, AND CONFORMANCE WITH THE ORIGINAL DESIGN AND SPECIFICATIONS. RE-DESIGN BY THIS ENGINEER TO ACCOMMODATE MODIFICATIONS SHALL NOT BE PERFORMED. OTHERWISE, IT WILL BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED. SITE VISITS, INSPECTIONS, CALCULATIONS, COORDINATION, ETC. PERFORMED BY THIS ENGINEER TO INVESTIGATE PROBLEMS ASSOCIATED WITH DESIGN DEVIATIONS WILL ALSO BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED.
9. ANY ERRORS OR OMISSIONS ON THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REVIEW AND CORRECTION.
10. THE CONSTRUCTION DOCUMENTS ARE COMPRISED OF BOTH DRAWINGS AND SPECIFICATIONS (PROJECT MANUAL). THE GENERAL CONTRACTOR SHALL NOT BREAK OUT SECTIONS TO SUB-CONTRACTORS OR VENDORS.
11. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK OF ALL TRADES TO INSURE A USABLE & FUNCTIONAL END PRODUCT. ANY CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CLARIFIED BY THE ARCHITECT/ENGINEER. IF NO CLARIFICATION IS ISSUED THE BIDDER SHALL BID THE MOST STRINGENT PRODUCT OR APPLICATION.
12. IF DISCREPANCIES ARE ENCOUNTERED BETWEEN THE DRAWINGS, DIAGRAMS, DESCRIPTIONS, NOTES, SYMBOLS, AND/OR SPECIFICATIONS, THE MOST STRINGENT PRODUCT OR APPLICATION APPLIES IN ALL CASES. IF A COMPONENT, SYSTEM, EQUIPMENT, POINT, PROGRAM, ETC. IS LISTED IN ONE DOCUMENT BUT NOT ANOTHER, OR IF IT IS NECESSARY FOR THE OPERATION, IT SHALL BE PROVIDED AND INSTALLED.
13. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR COSTS ASSOCIATED WITH ERRORS AND/OR OMISSIONS ON THESE DOCUMENTS IN EXCESS OF THE COST AND/OR TIME FOR THIS ENGINEER TO CORRECT THE DOCUMENTS. IN ANY CASE, THE LIMIT OF LIABILITY FOR THIS ENGINEER SHALL BE NO MORE THAN THE COST OF THIS ENGINEER'S INDIVIDUAL FEE, REGARDLESS OF THE TOTAL DESIGN FEE CHARGED FOR THE SET OF CONSTRUCTION DOCUMENTS.
14. TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL LIABILITY IN THE AGGREGATE, OF THIS ENGINEER AND THIS ENGINEER'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AND INDEPENDENT PROFESSIONAL ASSOCIATES, AND ANY OF THEM, TO OWNER AND ANY ONE CLAIMING BY, THROUGH OR UNDER OWNER, FOR ANY AND ALL INJURIES, CLAIMS, LOSSES, EXPENSES, OR DAMAGES WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATED TO THIS ENGINEER'S SERVICES, THE PROJECT OR THESE DOCUMENTS, FROM ANY CAUSE OR CAUSES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE NEGLIGENCE, ERRORS, OMISSIONS, STRICT LIABILITY, BREACH OF CONTRACT, MISREPRESENTATION, OR BREACH OF WARRANTY OF THIS ENGINEER; OR THIS ENGINEER'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS OR INDEPENDENT PROFESSIONAL ASSOCIATES, OR ANY OF THEM, SHALL NOT EXCEED THE TOTAL COMPENSATION RECEIVED BY THIS ENGINEER FOR SERVICES PROVIDED.
15. THE USE OF THESE DOCUMENTS FOR CONSTRUCTION SIGNIFIES THIS OWNER, TENANT, AND CONTRACTOR'S AGREEMENT WITH THE ABOVE REQUIREMENTS REGARDLESS OF ANY OTHER PRIOR, CURRENT, OR FUTURE AGREEMENT AND/OR CONTRACT.

B. CODES, FEES, PERMITS, ETC.: THE PLUMBING CONTRACTOR SHALL BE PROPERLY LICENSED AND SHALL SECURE ALL PERMITS AND PAY ALL FEES AS REQUIRED FOR THE COMPLETE PLUMBING INSTALLATION, INCLUDING SANITARY SEWER AND POTABLE WATER TIE-INS TO THE SERVING UTILITIES. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE AS AMENDED BY STATE AND COUNTY AUTHORITIES.

C. SCOPE OF WORK: THE WORK CONSISTS OF MATERIALS AND LABOR FOR A COMPLETE, OPERABLE PLUMBING SYSTEM INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

1. SANITARY SEWER SYSTEM, OUTSIDE UTILITIES, SOIL AND WASTE DRAIN AND VENT PIPING AND FIXTURE CONNECTIONS.
2. DOMESTIC COLD AND HOT WATER SYSTEM TO ALL FIXTURES. VERIFY W/ OWNER. PIPING SHALL BE DISINFECTED I.A.W. THE PLUMBING CODE.
3. ALL PLUMBING FIXTURES AND EQUIPMENT INCLUDING FLOOR DRAINS, HOSE BIBBS, WATER HEATERS, ETC. AS REQUIRED. VERIFY LOCATIONS WITH OWNER.
4. PROVIDE TRAP SEAL PROTECTION DEVICES FOR ALL FLOOR DRAINS AND FLOOR SINKS.
5. WATER AND DRAIN PIPING SHALL BE PRESSURE TESTED I.A.W. THE PLUMBING CODE.
6. NATURAL GAS SERVICE CONNECTION, PIPING INSTALLATION AND CONNECTION TO ALL APPLIANCES AND EQUIPMENT, VALVES, REGULATORS AND ACCESSORIES.

D. MATERIALS

1. FIXTURES AND EQUIPMENT – ALL FIXTURES AND EQUIPMENT SHALL BE STANDARD, FIRST QUALITY COMPLETE WITH ALL TRIM, TRAPS, ETC., AS REQUIRED OR AS SPECIFIED BY OWNER. TOILETS, URINALS, AND LAVATORIES SHALL BE INSTALLED I.A.W. THE ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
2. PIPING
   - a. DRAIN, WASTE, VENT, SANITARY SEWER, AND STORM DRAINAGE PIPING – NON-RETURN AIR PLENUM AREAS – ABOVE AND BELOW SLAB.
     - a.1. POLYVINYL CHLORIDE (PVC)
       - a.1.A. DWV SCHEDULE 40 PVC WITH PVC-DWV FITTINGS AND PVC SOLVENT CEMENT JOINTS.
   - b. DRAIN, WASTE, VENT, SANITARY SEWER, AND STORM DRAINAGE PIPING – RETURN AIR PLENUM AREAS.
     - b.1. 12" ABOVE SLAB AND ABOVE
       - b.1.A. SERVICE WEIGHT CAST IRON
         - b.1.A.1. HUBLESS DMV SERVICE WEIGH CAST IRON WITH CAST IRON-DMV FITTINGS. JOINTS SHALL BE EXTERNAL COMPRESSION GASKET WITH STAINLESS STEEL COUPLINGS. STAINLESS STEEL SHALL NOT COME IN CONTACT WITH CAST IRON. ALL PIPING SHALL BARE THE MARK OF THE CAST IRON SOIL PIPE INSTITUTE.
       - b.1.B. 12" ABOVE SLAB AND BELOW
         - b.1.B.1. DWV SCHEDULE 40 PVC WITH PVC-DWV FITTINGS AND PVC SOLVENT CEMENT JOINTS.
   - c. DOMESTIC WATER
     - c.1. ABOVE GRADE 3" AND SMALLER (CONCEALED IN NON PLENUM AREAS)–ALL PIPING SHALL BE PEX–A WITH GALVANIZED SUPPORT CHANNEL AND EXPANSION FITTINGS OR APPROVED EQUAL.
     - c.2. ABOVE GRADE (EXPOSED AND IN RETURN AIR PLENUM) – TYPE L HARD DRAWN COPPER WITH WROT COPPER FITTINGS AND SOLDERED JOINTS.
     - c.3. BELOW GRADE, INSIDE STRUCTURE–POLYETHYLENE COATED TYPE K SOFT COPPER TUBING WITH NO JOINTS BELOW SLAB. COATED PIPE SHALL EXTEND THROUGH THE BUILDING SLAB IF PRESENT.
     - c.4. BELOW GRADE, OUTSIDE STRUCTURE–POLYETHYLENE COATED TYPE K HARD DRAWN COPPER WITH POLYETHYLENE COATED WROT COPPER FITTINGS AND BRAZED JOINTS.
     - c.5. INSULATION
       - c.5.A. COLD WATER AND STORM DRAIN: INSULATE ALL PIPING ABOVE SLAB OR GRADE (INCLUDING TRAP PRIMERS) WITH 1/2" THICK FIBERGLASS WITH VAPOR SEAL.
       - c.5.B. HOT WATER: INSULATE ALL PIPING 1–1/4" OR SMALLER WITH 1" THICK FIBERGLASS. INSULATE ALL PIPING 1–1/2" OR LARGER WITH 1–1/2" THICK FIBERGLASS.
       - c.5.C. EXPOSED PIPE AND FITTING INSULATION IN FINISHED AREAS SHALL BE JACKETED WITH FACTORY COLORED PVC INSULATION JACKETING. SUBMIT COLORS FOR APPROVAL.
     - c.6. ALL HOT WATER SUPPLIES SHALL BE EQUIPPED WITH ANTI-SCALD/TEMPERING DEVICES CONFORMING TO ASSE 1070. LAVATORY AND HAND WASH DEVICES SHALL LIMIT THE TEMPERATURE TO NO MORE THAN 110F. THE WATER HEATER SHALL BE SET TO NO MORE THAN 120F.
     - c.7. PROVIDE WATER HAMMER ARRESTORS FOR HOT AND COLD WATER SUPPLY AT ALL HARD SHUTOFF DEVICES (LAVATORIES, SINKS, DRINKING FOUNTAINS, DISHWASHERS, CLOTHES WASHERS, ETC.).
   - d. GAS
     - d.1. UNDERGROUND – POLYETHYLENE PLASTIC PIPE
     - d.2. ABOVE GROUND – SCHEDULE 40 BLACK STEEL
   - e. EXPOSED EXTERIOR GAS PIPING SHALL BE PAINTED WITH A RUST PREVENTATIVE PRIMER AND TOPCOAT
   - f. DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL DIS-SIMILAR METAL CONNECTIONS. DIS-SIMILAR HANGER TO PIPE, HANGER TO STRUCTURE, OR PIPE TO STRUCTURE CONTACT SHALL BE ISOLATED. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
     - f.1. COPPER TO STEEL
     - f.2. CAST IRON TO STAINLESS STEEL
     - f.3. STAINLESS STEEL TO STEEL
     - f.4. BRASS TO STEEL
     - f.5. BRONZE TO STEEL

E. PRESSURE TESTING

1. SANITARY, DRAIN, WASTE, VENT AND STORM DRAIN
   - a. PLUG ALL OPENINGS EXCEPT THOSE AT THE UPPERMOST 10 FT OF THE SYSTEM.
   - b. FILL SYSTEM WITH WATER TO MAINTAIN NO LESS THAN 10 FT HEAD ON ALL JOINTS AND PIPES BELOW THE UPPERMOST 10 FT OF THE SYSTEM. MAINTAIN PRESSURE FOR 12 HOURS.
   - c. IF LOSS OF PRESSURE OCCURS, LOCATE AND REPAIR LEAKS AND REPEAT TEST PROCEDURE.
   - d. DOCUMENT TEST AND PROVIDE TO OWNER. INSPECTION BY LOCAL AUTHORITY MAY BE REQUIRED.
2. WATER SUPPLY
   - a. ALL SYSTEM PIPES AND JOINTS SHALL BE TESTED.
   - b. ISOLATE PORTION OF SYSTEM TO BE TESTED WITH SHUTOFF VALVES AND/OR CAPS.
   - c. FILL SYSTEM WITH AIR (FOR PIPE OTHER THAN PLASTIC) OR WATER (FOR PLASTIC PIPE) TO A PRESSURE OF 100 PSI. MAINTAIN PRESSURE FOR 12 HOURS.
   - d. IF LOSS OF PRESSURE OCCURS, LOCATE AND REPAIR LEAKS AND REPEAT TEST PROCEDURE.
   - e. DOCUMENT TEST AND PROVIDE TO OWNER. INSPECTION BY LOCAL AUTHORITY MAY BE REQUIRED.
3. GAS SUPPLY
   - a. ALL SYSTEM PIPES AND JOINTS SHALL BE TESTED.
   - b. ISOLATE PORTION OF SYSTEM TO BE TESTED WITH SHUTOFF VALVES AND/OR CAPS.
   - c. FILL SYSTEM WITH AIR TO A PRESSURE OF 20 PSI. MAINTAIN PRESSURE FOR 12 HOURS.
   - d. IF LOSS OF PRESSURE OCCURS, LOCATE AND REPAIR LEAKS AND REPEAT TEST PROCEDURE.
   - e. DOCUMENT TEST AND PROVIDE TO OWNER. INSPECTION BY LOCAL AUTHORITY MAY BE REQUIRED.

F. DISINFECTION OF DOMESTIC WATER PIPING SYSTEM

1. PRIOR TO STARTING WORK, VERIFY SYSTEM IS COMPLETE, FLUSHED, AND CLEAN.
2. ENSURE PH OF WATER TO BE TREATED IS BETWEEN 7.4 AND 7.6 BY ADDING ALKALI (CAUSTIC SODA OR SODA ASH) OR ACID (HYDROCHLORIC).
3. INJECT DISINFECTANT (FREE CHLORINE IN LIQUID, POWDER, TABLET OR GAS FORM) THROUGHOUT SYSTEM TO OBTAIN 50 TO 80 MG/L RESIDUAL.
4. BLEED WATER FROM OUTLETS TO ENSURE DISTRIBUTION AND TEST FOR DISINFECTANT RESIDUAL AT MINIMUM 15 PERCENT OF OUTLETS.
5. MAINTAIN DISINFECTANT IN SYSTEM FOR 24 HOURS.
6. TEST FOR DISINFECTANT RESIDUAL. IF FINAL DISINFECTANT RESIDUAL TESTS LESS THAN 25 MG/L, REPEAT TREATMENT.
7. FLUSH DISINFECTANT FROM SYSTEM UNTIL RESIDUAL IS EQUAL TO THAT OF INCOMING WATER OR 1.0 MG/L.
8. TAKE SAMPLES NO SOONER THAN 24 HOURS AFTER FLUSHING FROM 10 PERCENT OF OUTLETS AND FROM WATER ENTRY. ANALYZE IN ACCORDANCE WITH AWWA C651. REPEAT ENTIRE PROCEDURE IF CONTAMINATION REMAINS.
9. DOCUMENT DISINFECTION AND PROVIDE TO OWNER. INSPECTION BY LOCAL AUTHORITY MAY BE REQUIRED.

G. ALL PIPING SHALL BE LABELED IN ACCORDANCE WITH ASTM STANDARD A13.1. LABELS SHALL INCLUDE PIPING SERVICE (COLD WATER, HOT WATER, HOT WATER RETURN, VENT, ETC.), SIZE, AND DIRECTION OF FLOW.

H. THE FINISHED FLOOR OF ALL AREAS SERVED BY A FLOOR DRAIN SHALL BE SLOPED A MINIMUM OF 1/16" PER FOOT DOWNWARD TOWARD THE FLOOR DRAIN. THE SLOPE SHALL BE CONTINUOUS AND CONSISTENT FOR THE ENTIRE AREA BOUND BY THE ENCLOSING WALLS UNLESS OTHERWISE INDICATED IN THE ARCHITECTURAL OR FOUNDATION PLANS. THE TOP OF THE FLOOR DRAIN STRAINER SHALL BE THE LOWEST POINT IN THE SLOPED AREA, SHALL BE INSTALLED LEVEL, AND SHALL BE INSTALLED FLUSH WITH THE SURROUNDING FINISHED FLOOR. COORDINATE WITH GC.

I. COORDINATE ALL REQUIRED WALL, FLOOR, CEILING, AND ROOF PENETRATION LOCATIONS AND SIZES WITH THE GC PRIOR TO CONSTRUCTION. GC SHALL PROVIDE ALL REQUIRED FRAMED OPENINGS, HEADERS, MASONRY OPENINGS, LINTELS, ETC. AS NECESSARY.

J. COORDINATE ALL PIPE & FIXTURE LOCATIONS, SIZES, AND ROUTING WITH GC PRIOR TO CONSTRUCTION. GC SHALL PROVIDE A CLEAR PATH THROUGH FRAMING AND MASONRY COMPONENTS TO ACCOMMODATE PIPE ROUTING.

K. CONCEALED PIPING AREAS INCLUDE PIPING WITHIN WALLS AND ABOVE CEILINGS.

L. EXPOSED PIPING AREAS INCLUDE PIPING IN ROOMS/AREAS BELOW CEILING LEVEL AND IN ROOMS/AREAS WITH OUT CEILINGS OR WITH CLOUD/PARTIAL CEILINGS.

PLUMBING ABBREVIATIONS

A	
A	AMPS
AFF	ABOVE FINISHED FLOOR
ASSE	AMERICAN SOCIETY OF SAFETY ENGINEERS
C	
CFH	CUBIC FEET PER HOUR
CO	CLEAN OUT
CW	COLD WATER
D	
D	DRAIN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHC	HOT WATER RETURN
DR	DIMENSION RATIO
E	
EC	ELECTRICAL CONTRACTOR
F	
F	FAHRENHEIT
FCO	FLOOR CLEAN OUT
FT	FOOT/FEET
G	
G	GAS
GAL	GALLONS
GC	GENERAL CONTRACTOR
GCO	GRADE CLEAN OUT
H	
HB	HOSE BIB
HDPE	HIGH DENSITY POLYETHYLENE
HP	HORSEPOWER
HW	HOT WATER
HWS	HOT WATER SUPPLY
HRP	HOT WATER RETURN PUMP
K	
KW	KILOWATT
L	
LBS	POUNDS
LNG	LIQUEFIED NATURAL GAS
LP	LIQUEFIED PETROLEUM (PROPANE OR BUTANE)
LPG	LIQUEFIED PETROLEUM GAS (PROPANE OR BUTANE)
LW	LAB WASTE
M	
MAX	MAXIMUM
MBH	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MDPE	MEDIUM DENSITY POLYETHYLENE
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
N	
NIC	NOT IN CONTRACT
NRS	NON RISING STEM
NTS	NOT TO SCALE
P	
PC	PLUMBING CONTRACTOR
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSIA	POUNDS PER SQUARE INCH ATMOSPHERE
PSIG	POUNDS PER SQUARE INCH GAUGE
PSI	POUNDS PER SQUARE INCH
R	
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
S	
SAN	SANITARY
SQFT	SQUARE FEET
SP	SUMP PUMP
T	
TW	TEMPERED WATER
T&P	TEMPERATURE AND PRESSURE
TYP	TYPICAL
U	
UV	ULTRA VIOLET
V	
V	VOLTAGE OR VENT
VTR	VENT TO ROOF
W	
W	WATT
WCO	WALL CLEAN OUT
WH	WATER HEATER

PLUMBING SYMBOLS

	COLD WATER
	EXISTING COLD WATER
	HOT WATER
	EXISTING HOT WATER
	HOT WATER RETURN
	EXISTING HOT WATER RETURN
	SANITARY
	EXISTING SANITARY
	VENT
	EXISTING VENT
GAS GAS	GAS
GAS GAS	EXISTING GAS
	FIRE PROTECTION
	EXISTING FIRE PROTECTION
	EXISTING TO BE REMOVED
	LEVER BALL VALVE
	HOSE BIB
	CONNECT TO EXISTING
	CAP AND SEAL

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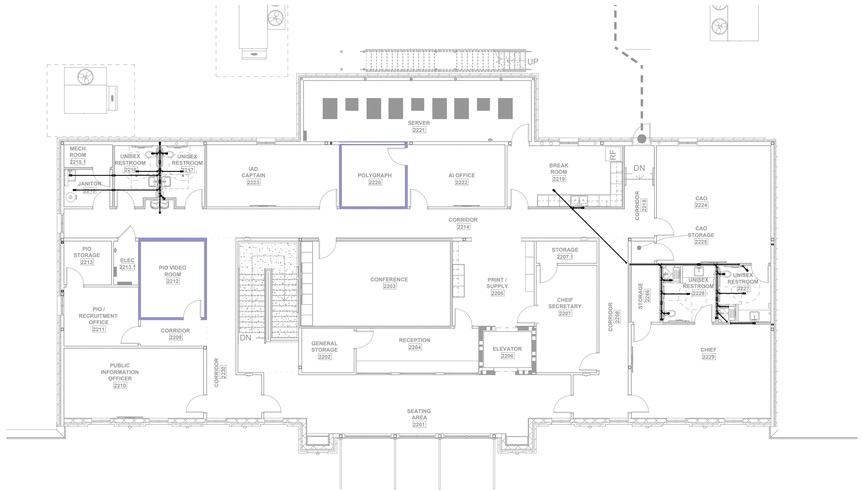
PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS

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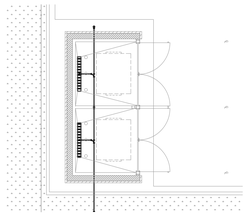
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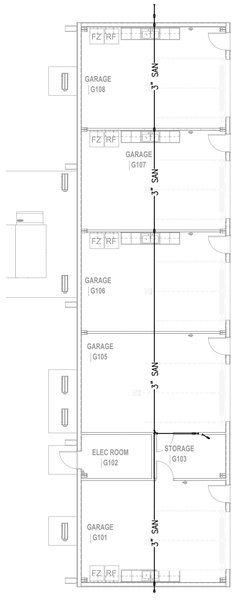
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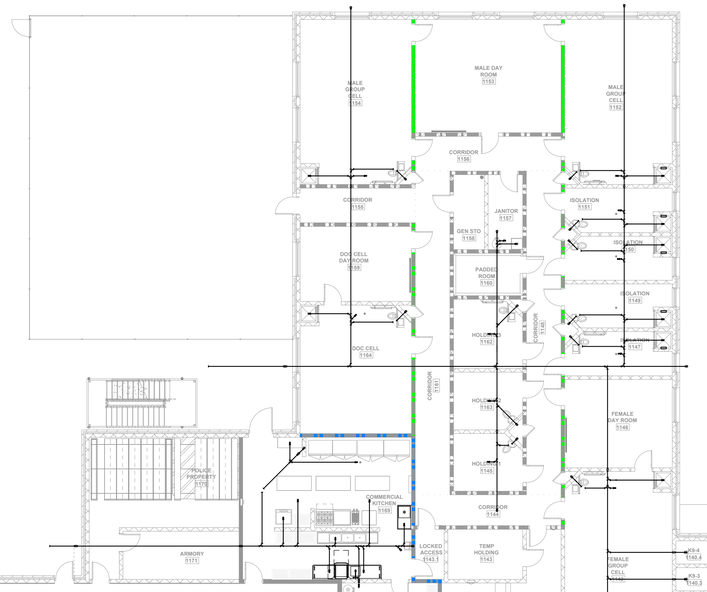
2 SECOND FLOOR OVERALL SANITARY SEWER PLAN
SCALE: 3/32"=1'-0"

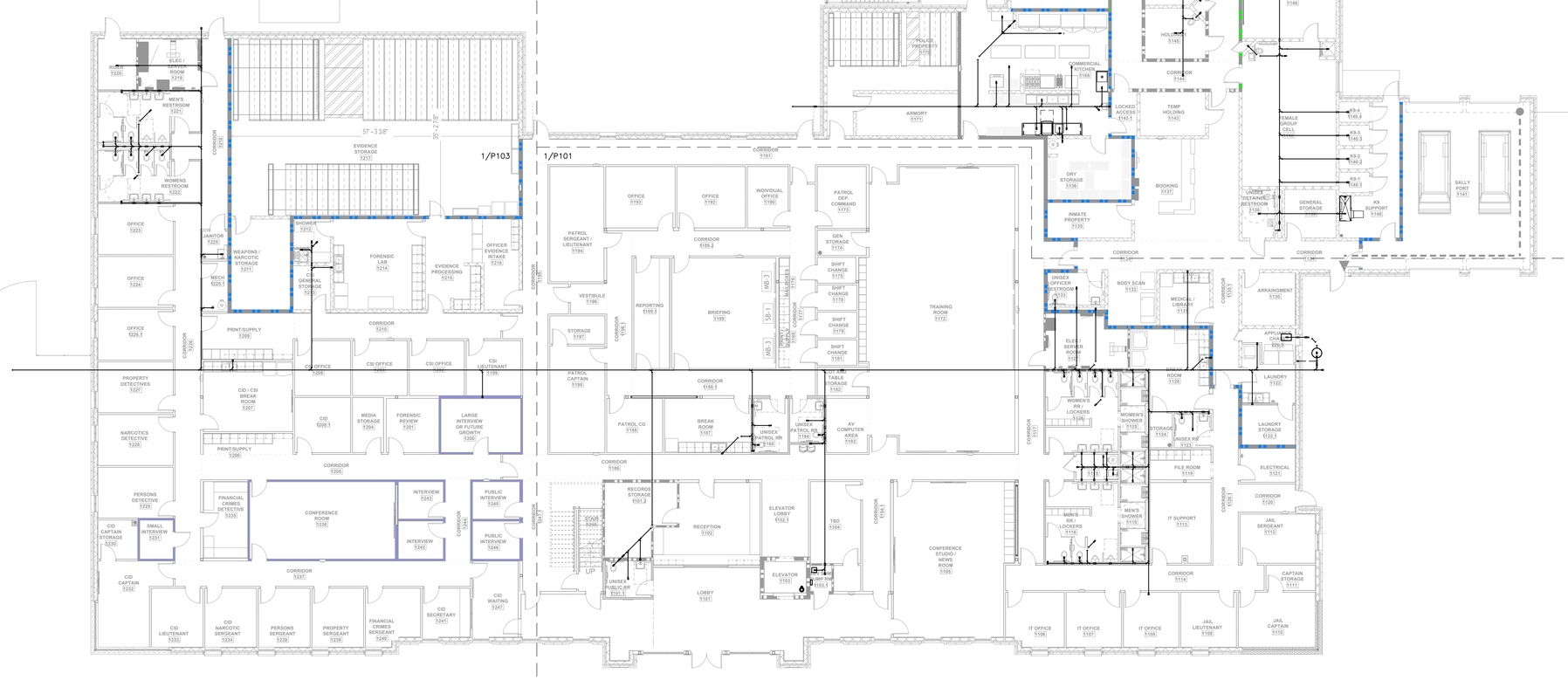


4 OVERALL SANITARY SEWER PLAN DUMPSTER PAD
SCALE: 3/32"=1'-0"



3 OVERALL SANITARY SEWER PLAN SECTION D ALTERNATE 2
SCALE: 3/32"=1'-0"





1 FIRST FLOOR OVERALL SANITARY SEWER PLAN
SCALE: 3/32"=1'-0"

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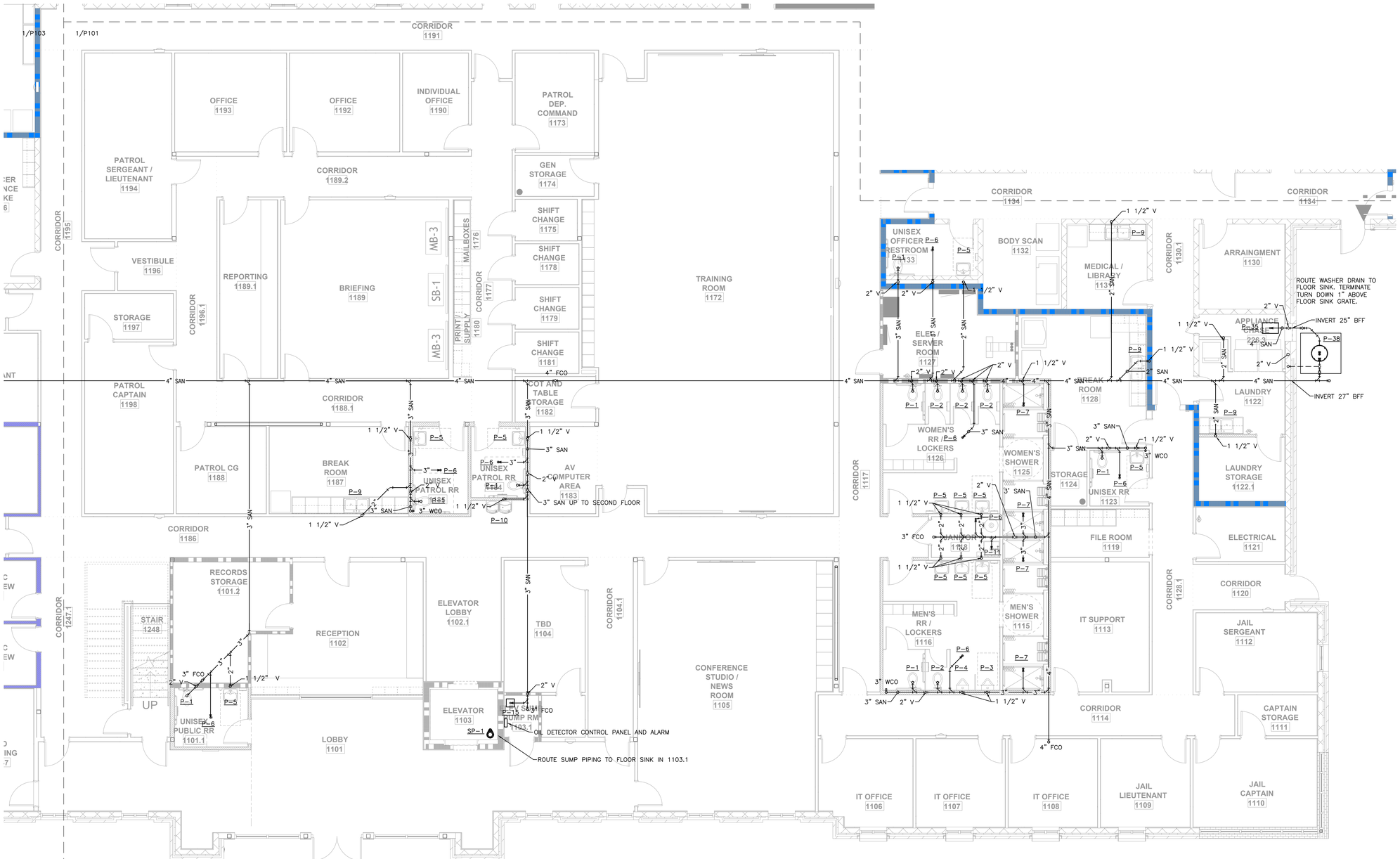
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OVERALL SANITARY SEWER PLANS

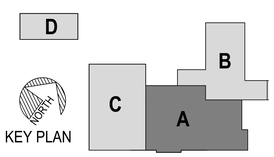
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1 ENLARGED SANITARY SEWER PLAN - SECTION A
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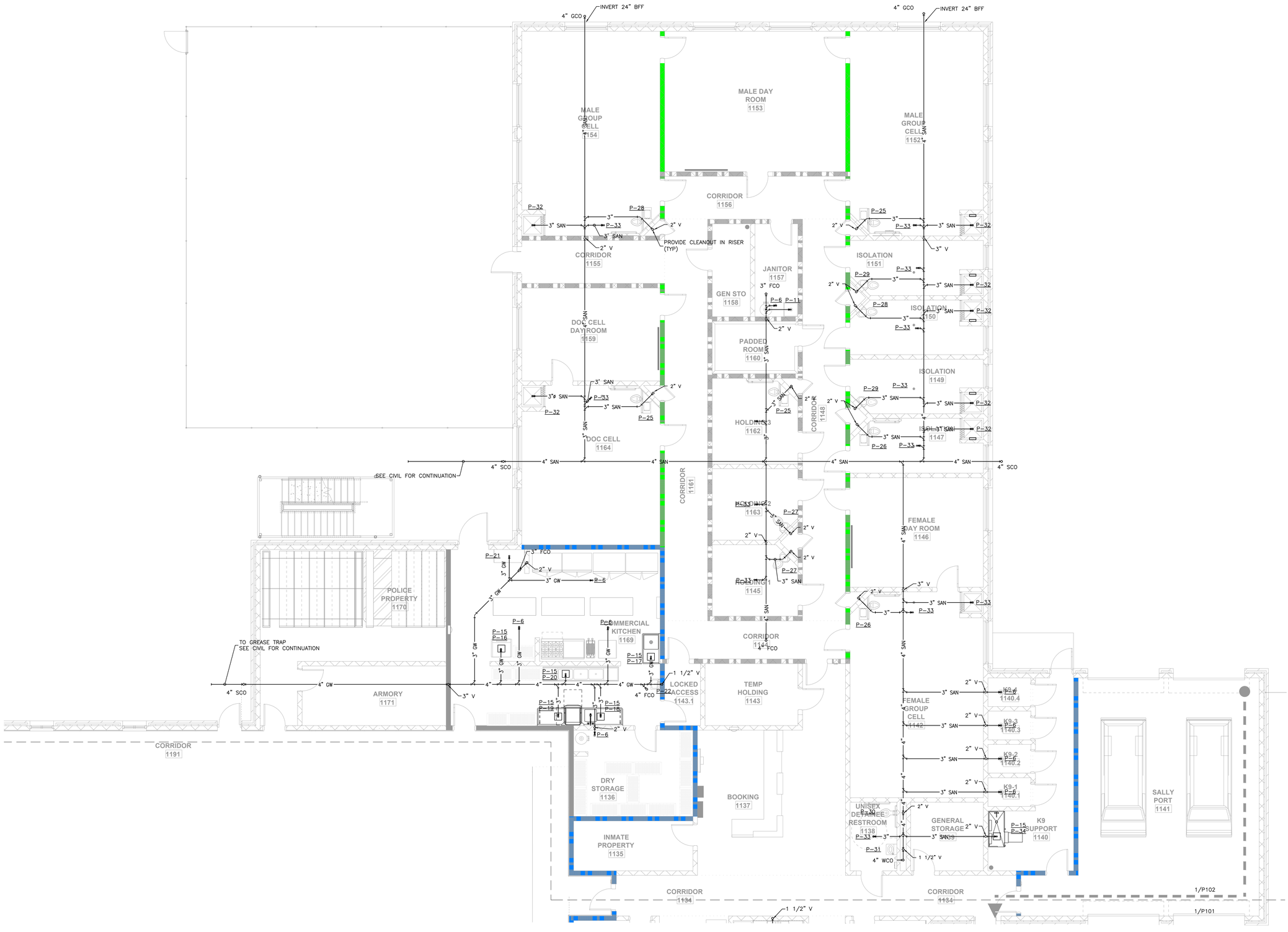
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1 ENLARGED SANITARY SEWER PLAN - SECTION B
SCALE: 3/16"=1'-0"

D

KEY PLAN

B C A

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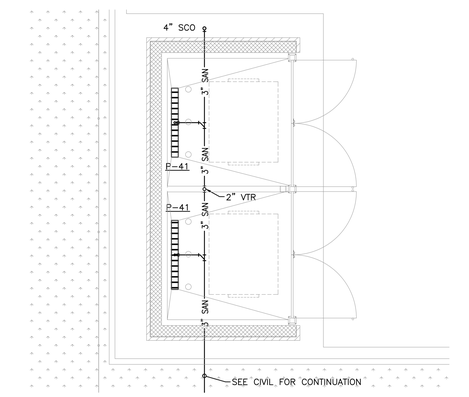
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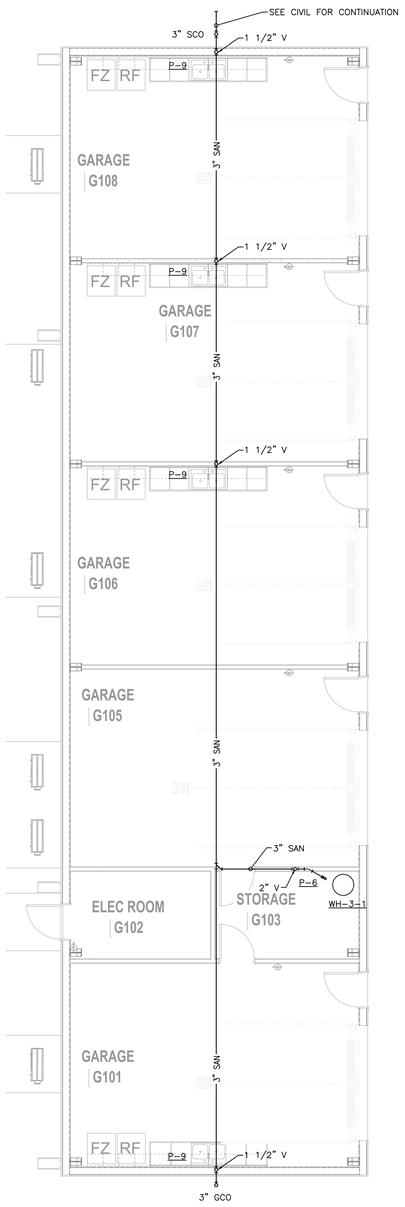
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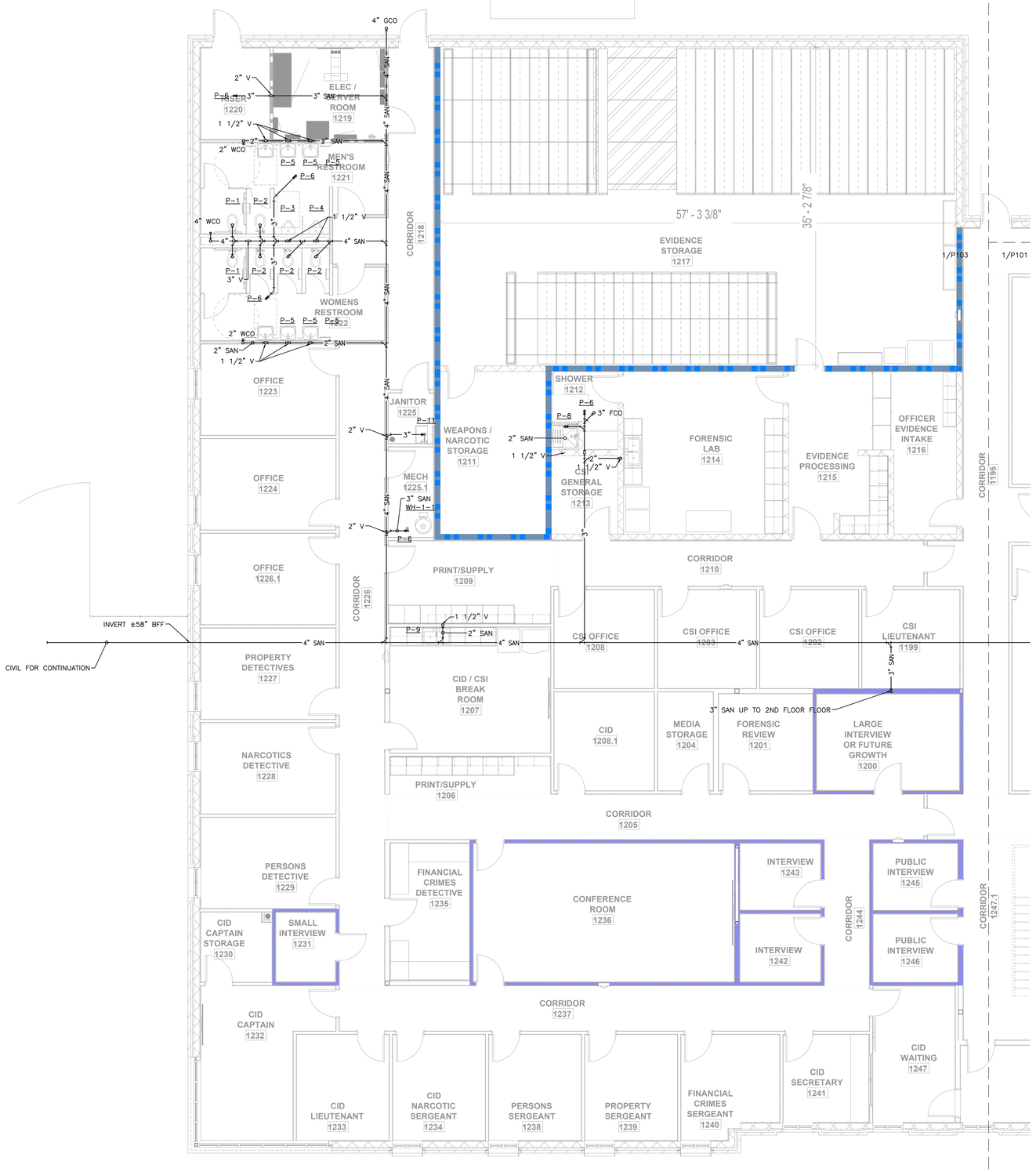
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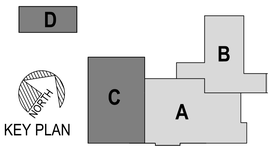
3 ENLARGED SANITARY SEWER PLAN - DUMPSTER PAD
SCALE: 3/16"=1'-0"



2 ENLARGED SANITARY SEWER PLAN - SECTION D (ALTERNATE 1)
SCALE: 3/16"=1'-0"



1 ENLARGED SANITARY SEWER PLAN - SECTION C
SCALE: 3/16"=1'-0"



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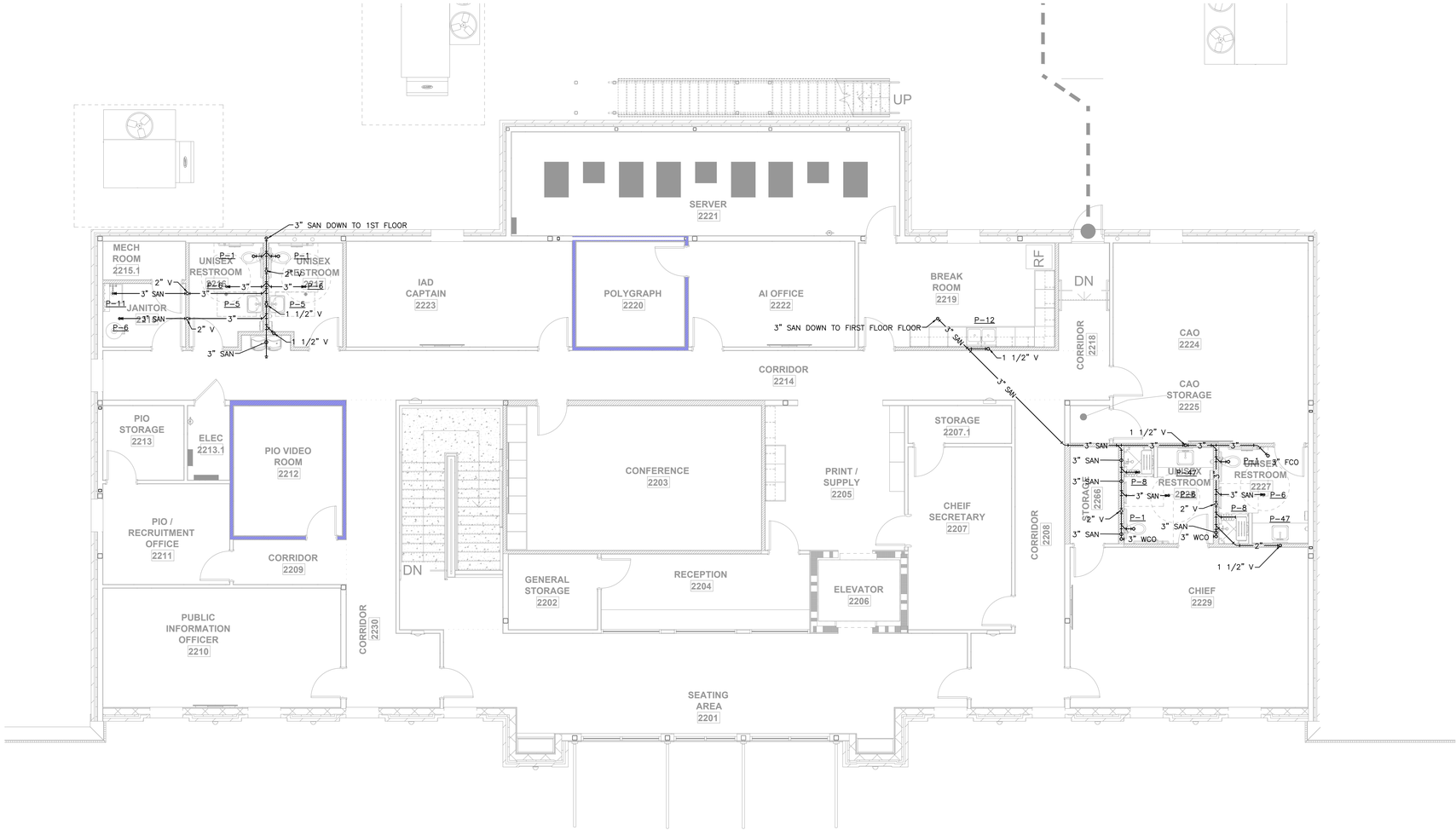
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SECTIONS C, D & DUMPSTER PAD

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1 ENLARGED SANITARY SEWER PLAN - SECTION E
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KEY PLAN

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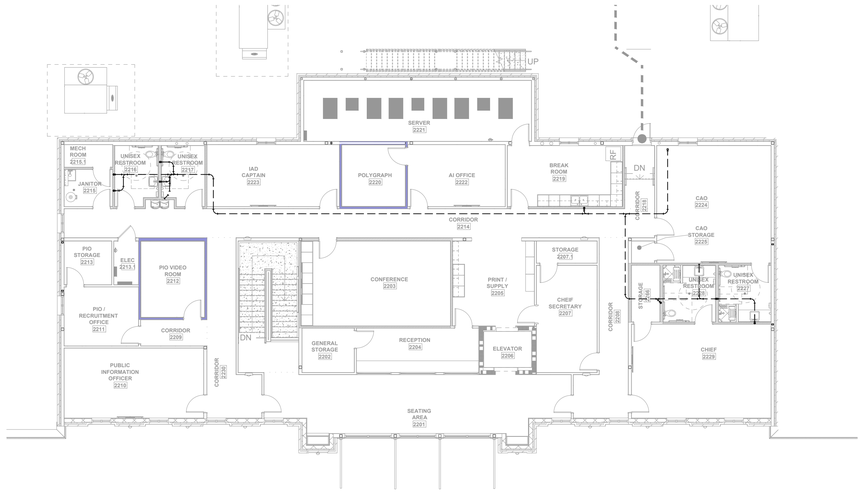
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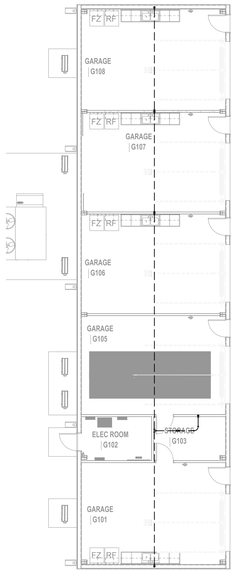
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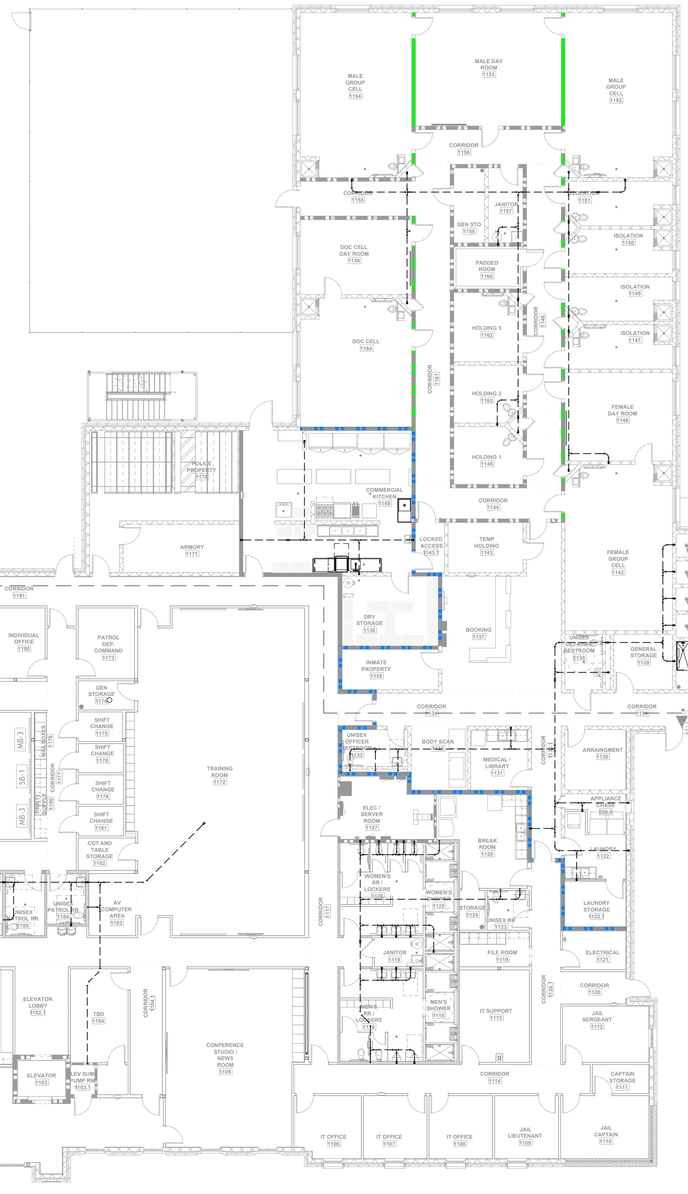
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2 SECOND FLOOR OVERALL SANITARY VENT PLAN
SCALE: 3/32"=1'-0"



3 OVERALL SANITARY VENT PLAN SECTION D
SCALE: 3/32"=1'-0"





1 FIRST FLOOR OVERALL SANITARY VENT PLAN
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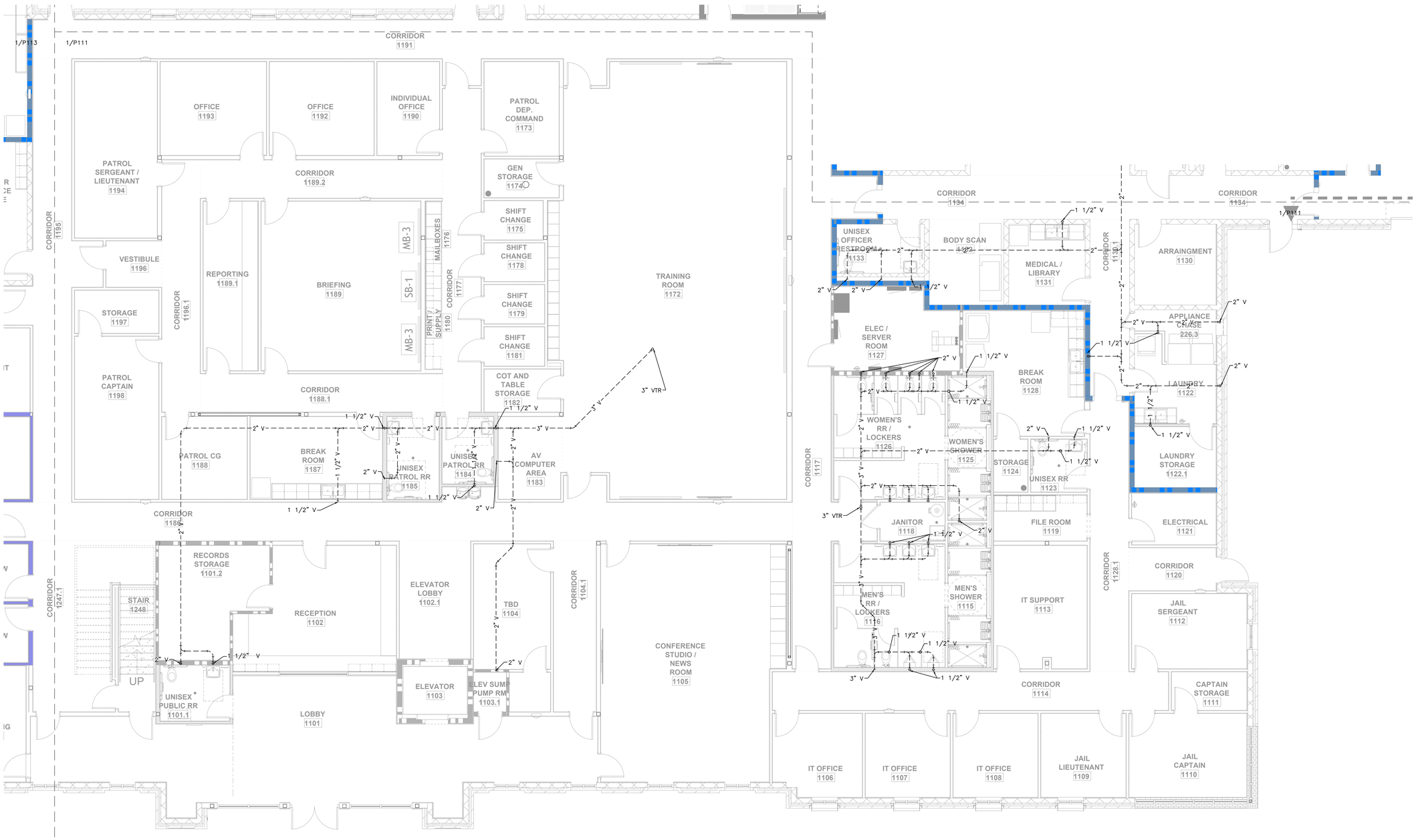
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OVERALL SANITARY VENT PLANS

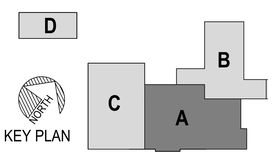
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1 ENLARGED SANITARY VENT PLAN - SECTION A
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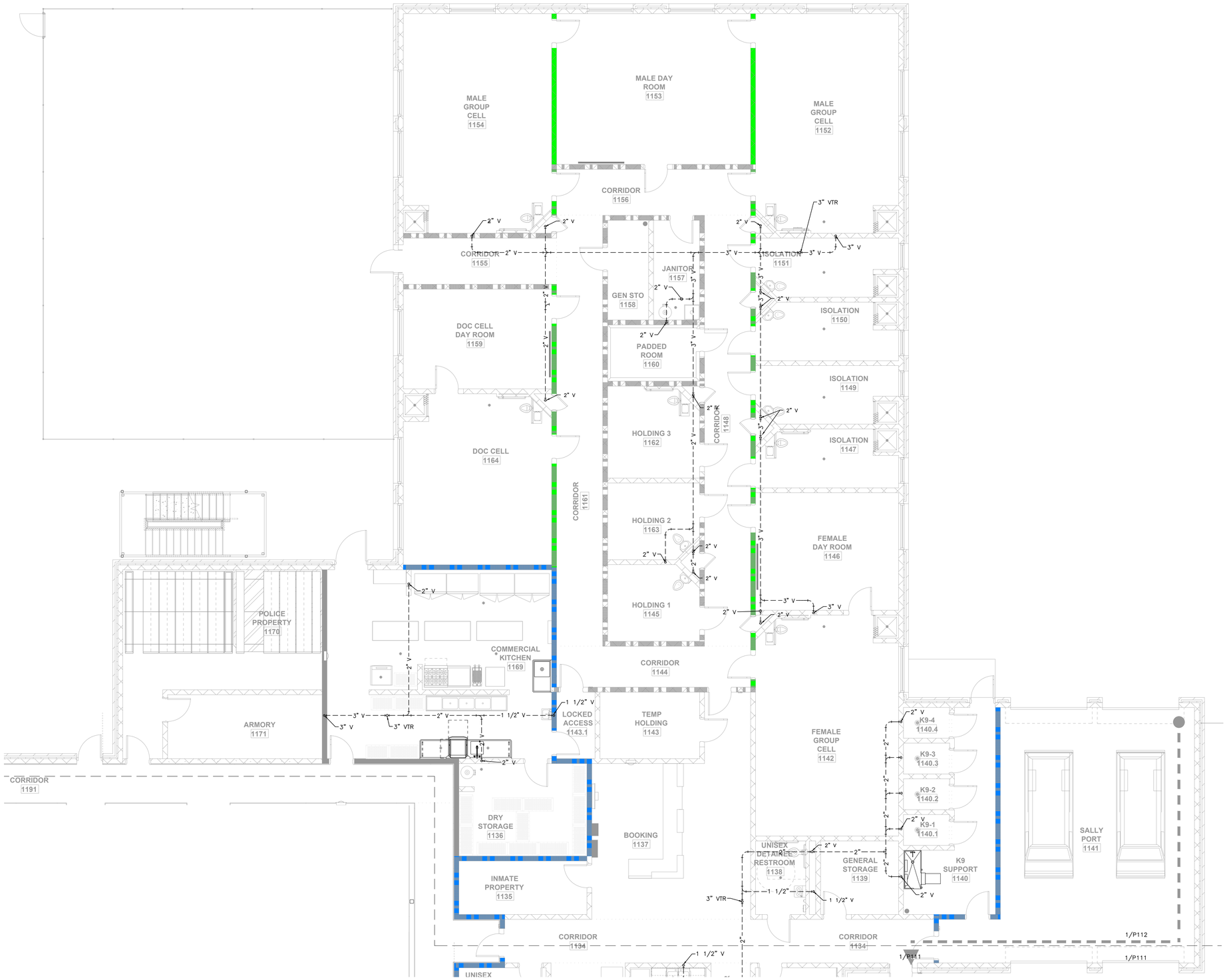
ENLARGED SANITARY VENT PLAN - SECTION A

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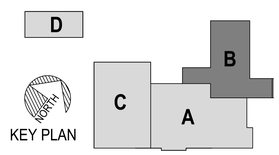
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1 ENLARGED SANITARY VENT PLAN - SECTION B
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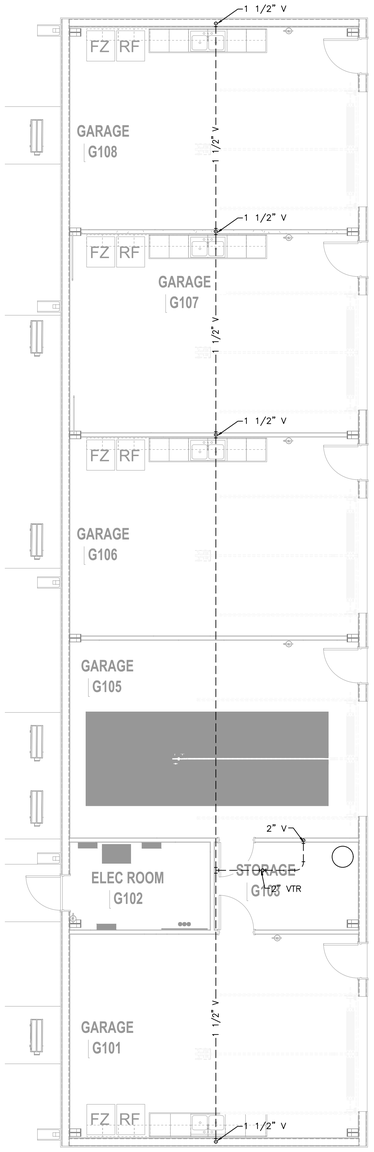
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ENLARGED SANITARY VENT PLAN - SECTION B

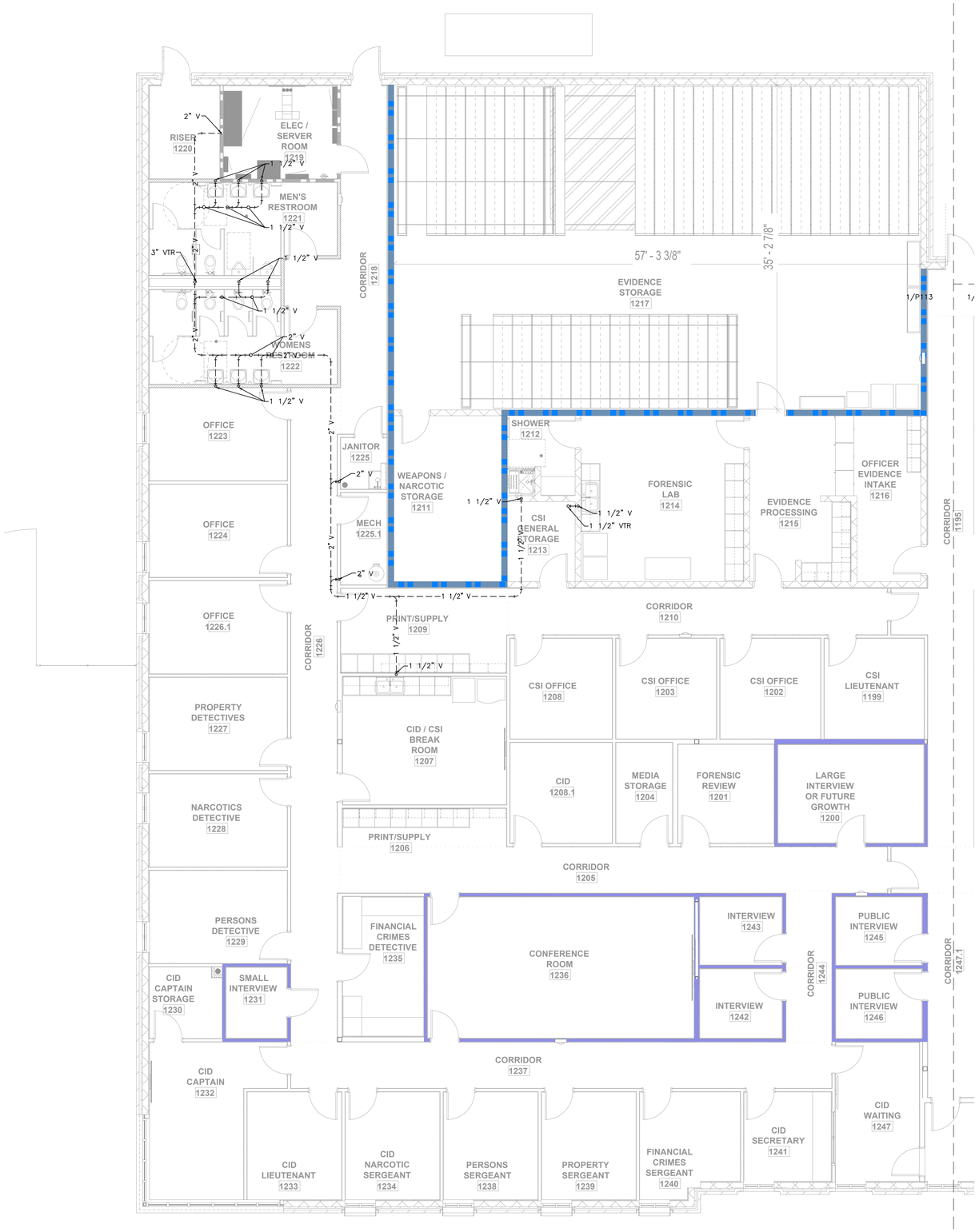
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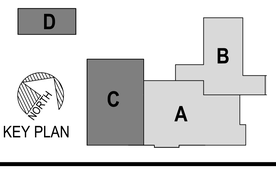
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2 ENLARGED SANITARY VENT PLAN - SECTION D (ALTERNATE 1)
SCALE: 3/16"=1'-0"



1 ENLARGED SANITARY VENT PLAN - SECTION C
SCALE: 3/16"=1'-0"



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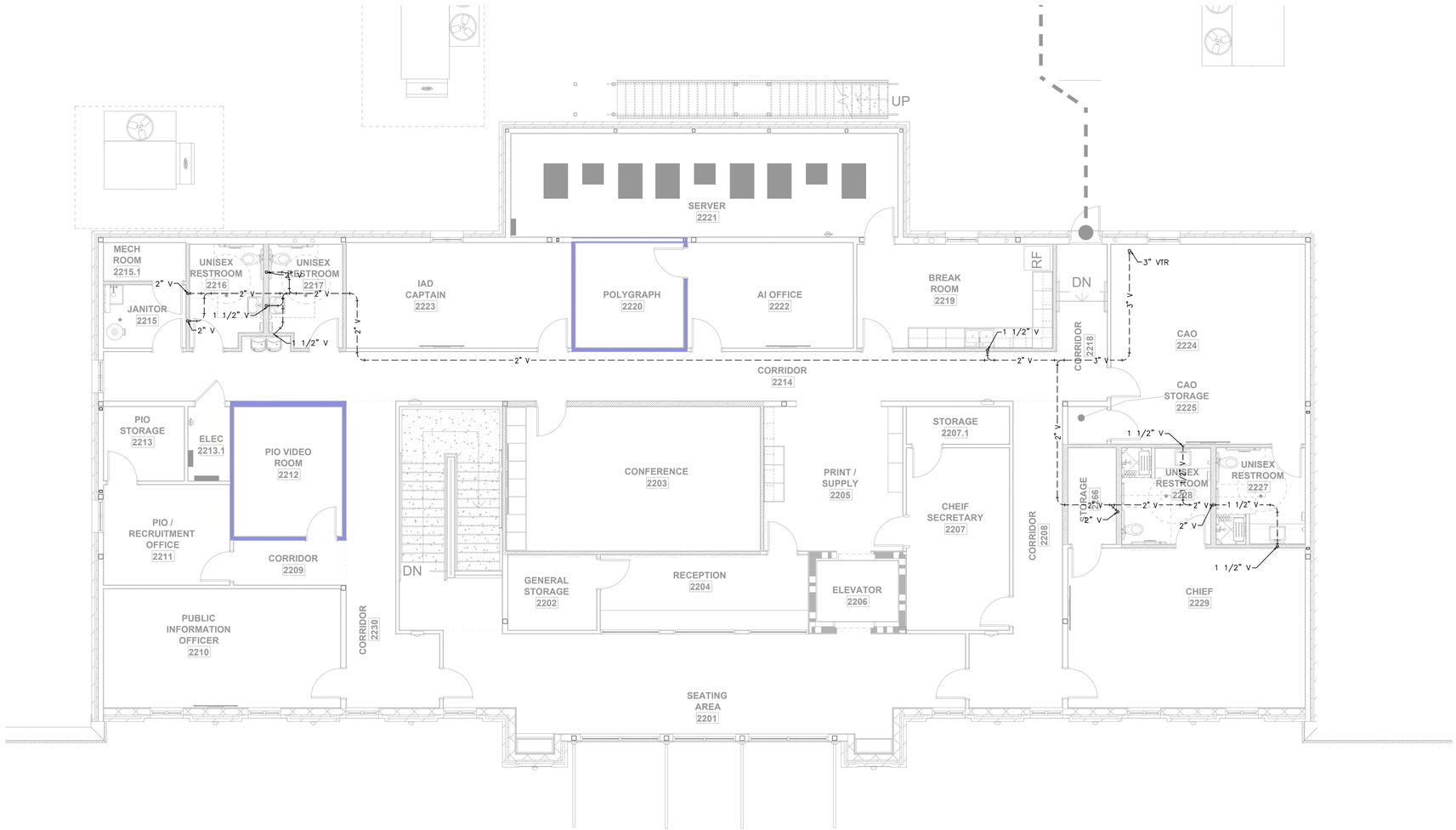
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1 ENLARGED SANITARY VENT PLAN - SECTION E
SCALE: 3/16"=1'-0"

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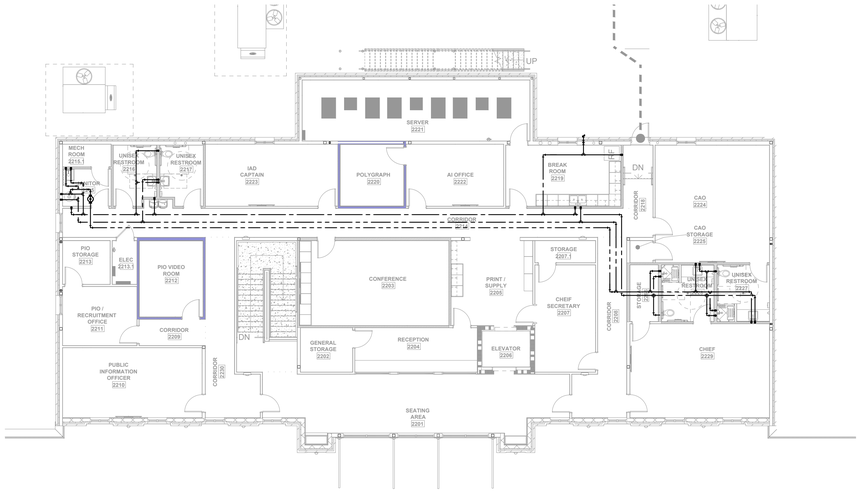
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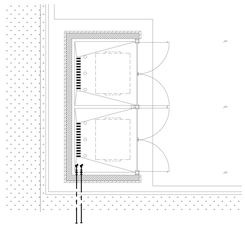
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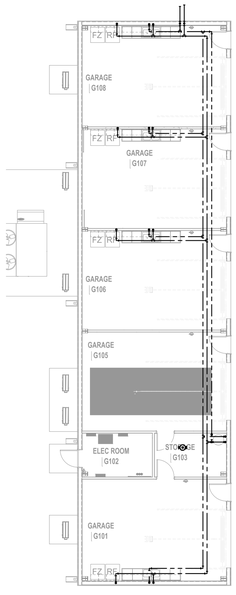
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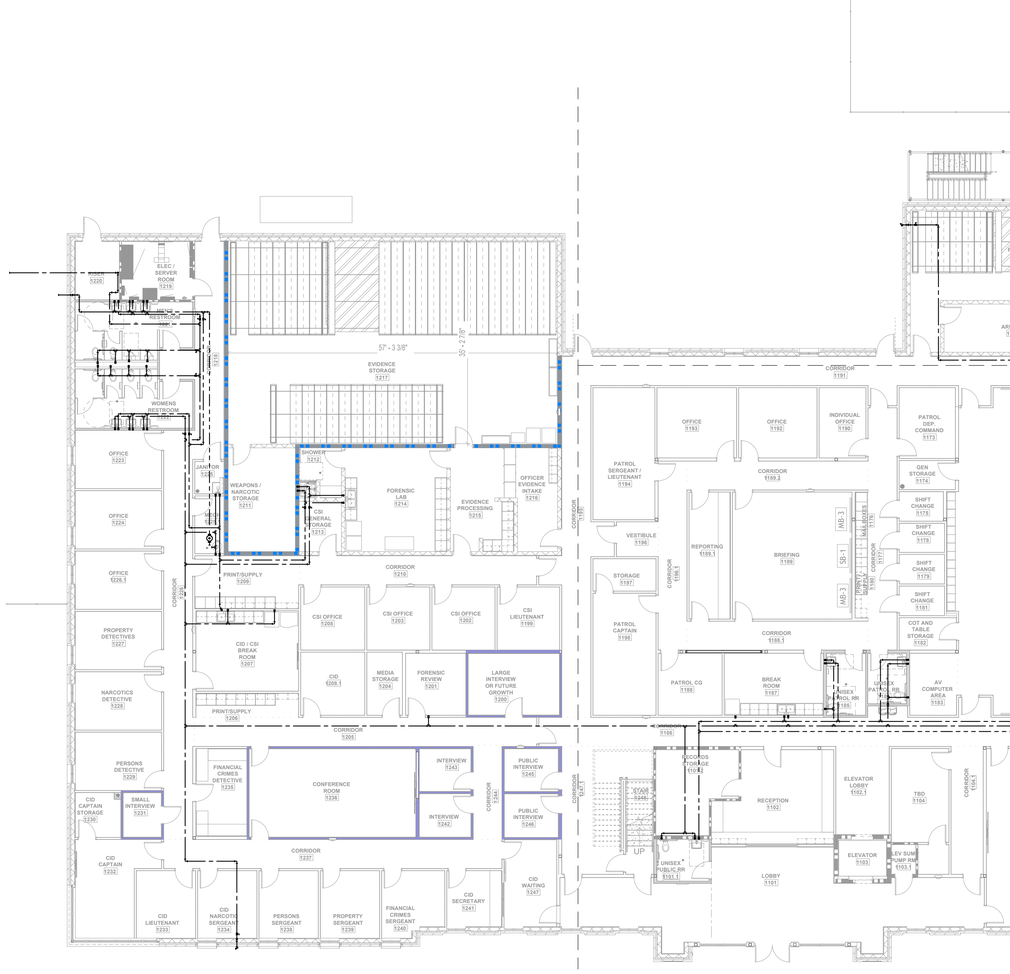
2 SECOND FLOOR OVERALL DOMESTIC WATER PLAN
SCALE: 3/32"=1'-0"

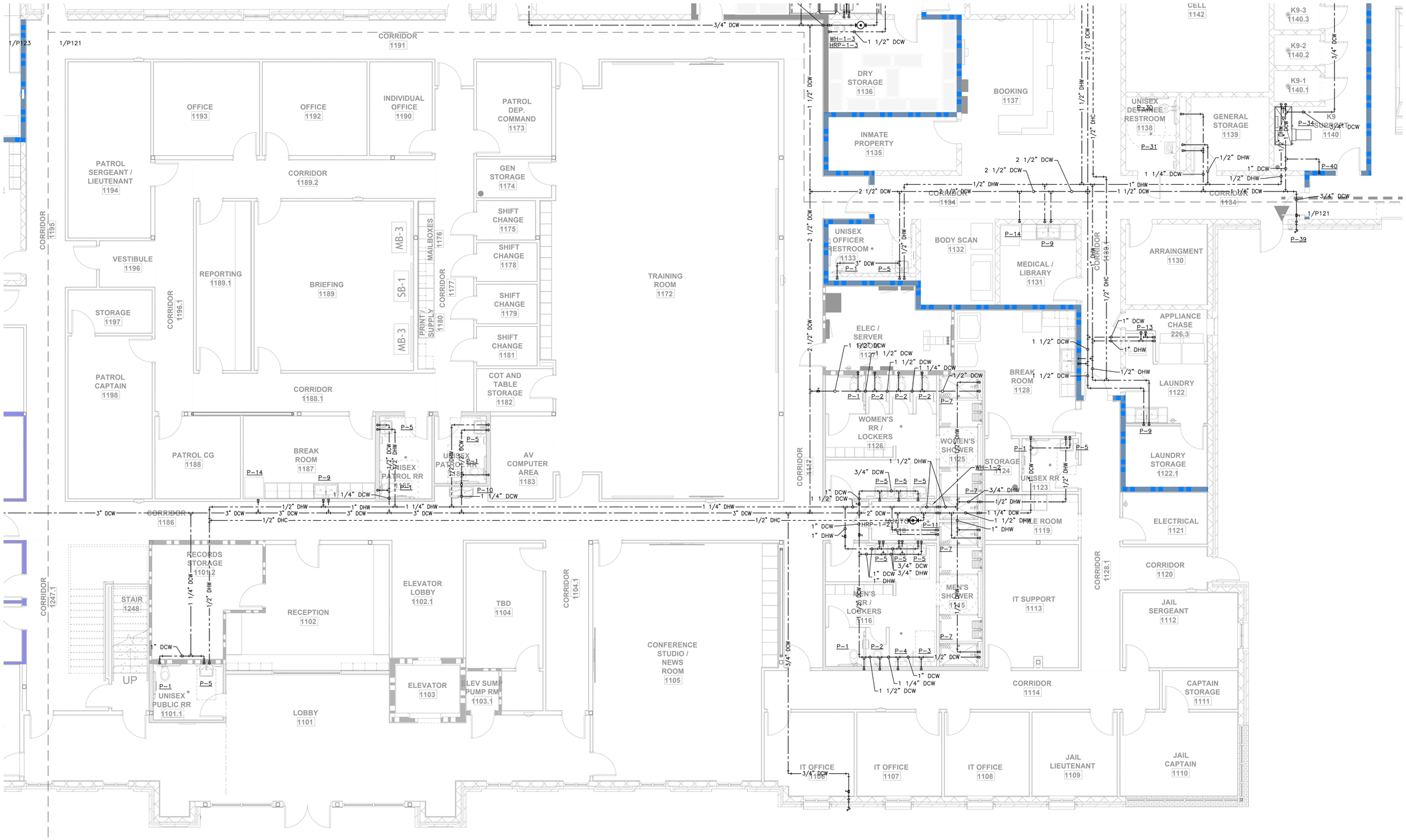


4 OVERALL DOMESTIC WATER PLAN DUMPSTER PAD
SCALE: 3/32"=1'-0"



3 OVERALL DOMESTIC WATER PLAN SECTION D (ALTERNATE 2)
SCALE: 3/32"=1'-0"


MALE GROUP CELL 1154
MALE DAY ROOM 1153
MALE GROUP CELL 1152
CORRIDOR 1156
CORRIDOR 1155
ISOLATION 1151
JANITOR
GEN STO 1158
ISOLATION 1150
DOC CELL DAY ROOM 1159
PADDED ROOM 1160
ISOLATION 1149
HOLDING 3 1162
DOC CELL 1164
DOC CELL DOOR 1161
HOLDING 2 1163
HOLDING 1 1144
FEMALE DAY ROOM 1146
POLICE PROPERTY 1170
COMMERCIAL KITCHEN 1140
ARMORY 1171
LOCKED ACCESS 1143.1
TEMP HOLDING 1143
FEMALE GROUP CELL 1142
K9-4 1140.4
K9-3 1140.3
K9-2 1140.2
K9-1 1140.1
SALLY PORT 1141
DRY STORAGE 1135
INMATE PROPERTY 1135
BOOKING 1137
CIVIL DETAINEE RESTROOM 1138
GENERAL STORAGE 1139
SUPPORT 1140
UNISEX OFFICER RESTROOM + SHOWER 1132
BODY SCAN 1132
MEDICAL / LIBRARY 1131
ARRAIGNMENT 1130
APPLIANCE CHASE 1129
ELEC / SERVER ROOM 1127
BREAK ROOM 1128
LAUNDRY 1122
WOMEN'S RR / LOCKERS 1126
WOMEN'S SHOWER 1125
STORAGE 1124
UNISEX RR 1123
LAUNDRY STORAGE 1122.1
FILE ROOM 1119
ELECTRICAL 1121
CORRIDOR 1120
MEN'S RR / LOCKERS 1118
MEN'S SHOWER 1117
IT SUPPORT 1113
CORRIDOR 1181.1
JAIL SERGEANT 1112
CORRIDOR 1114
CAPTAIN STORAGE 1111
IT OFFICE 1106
IT OFFICE 1107
IT OFFICE 1108
JAIL LIEUTENANT 1109
JAIL CAPTAIN 1110
CONFERENCE STUDIO / NEWS ROOM 1105
CORRIDOR 1181
TRAINING ROOM 1172
CORRIDOR 1191
OFFICE 1193
OFFICE 1192
INDIVIDUAL OFFICE 1190
PATROL DEP COMMAND 1173
GEN STORAGE 1174
SHIFT CHANGE 1178
SHIFT CHANGE 1179
SHIFT CHANGE 1181
COT AND TABLE STORAGE 1182
AV COMPUTER AREA 1183
PATROL SERGEANT / LIEUTENANT 1194
VESTIBULE 1196
STORAGE 1197
PATROL CAPTAIN 1198
CORRIDOR 1189.2
REPORTING 1189.1
BRIEFING 1189
MB-3
SB-1
CORRIDOR 1188.1
CORRIDOR 1188
PATROL CG 1185
BREAK ROOM 1187
UNISEX RR 1186
PATROL RR 1184
CORRIDOR 1199
CORRIDOR 1200
ELEC / SERVER ROOM 1219
WOMEN'S RR / LOCKERS 1220
WOMEN'S SHOWER 1221
STORAGE 1222
UNISEX RR 1223
CORRIDOR 1224
CORRIDOR 1225
LOCKER STORAGE 1104
UNISEX PUBLIC RR 1103.1
STAIR 1240
UP
RECEPTION 1102
ELEVATOR LOBBY 1102.1
ELEVATOR 1103
TBD 1104
ELEV SUMP PUMP SUMP 1103.1
LOBBY 1101
CORRIDOR 1136
CORRIDOR 1137
CORRIDOR 1138
CORRIDOR 1139
CORRIDOR 1140
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CORRIDOR 1143
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CORRIDOR 1145
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CORRIDOR 1148
CORRIDOR 1149
CORRIDOR 1150
CORRIDOR 1151
CORRIDOR 1152
CORRIDOR 1153
CORRIDOR 1154
CORRIDOR 1155
CORRIDOR



1 ENLARGED DOMESTIC WATER PLAN - SECTION A
SCALE: 3/16"=1'-0"

KEY PLAN

D
C
B
A

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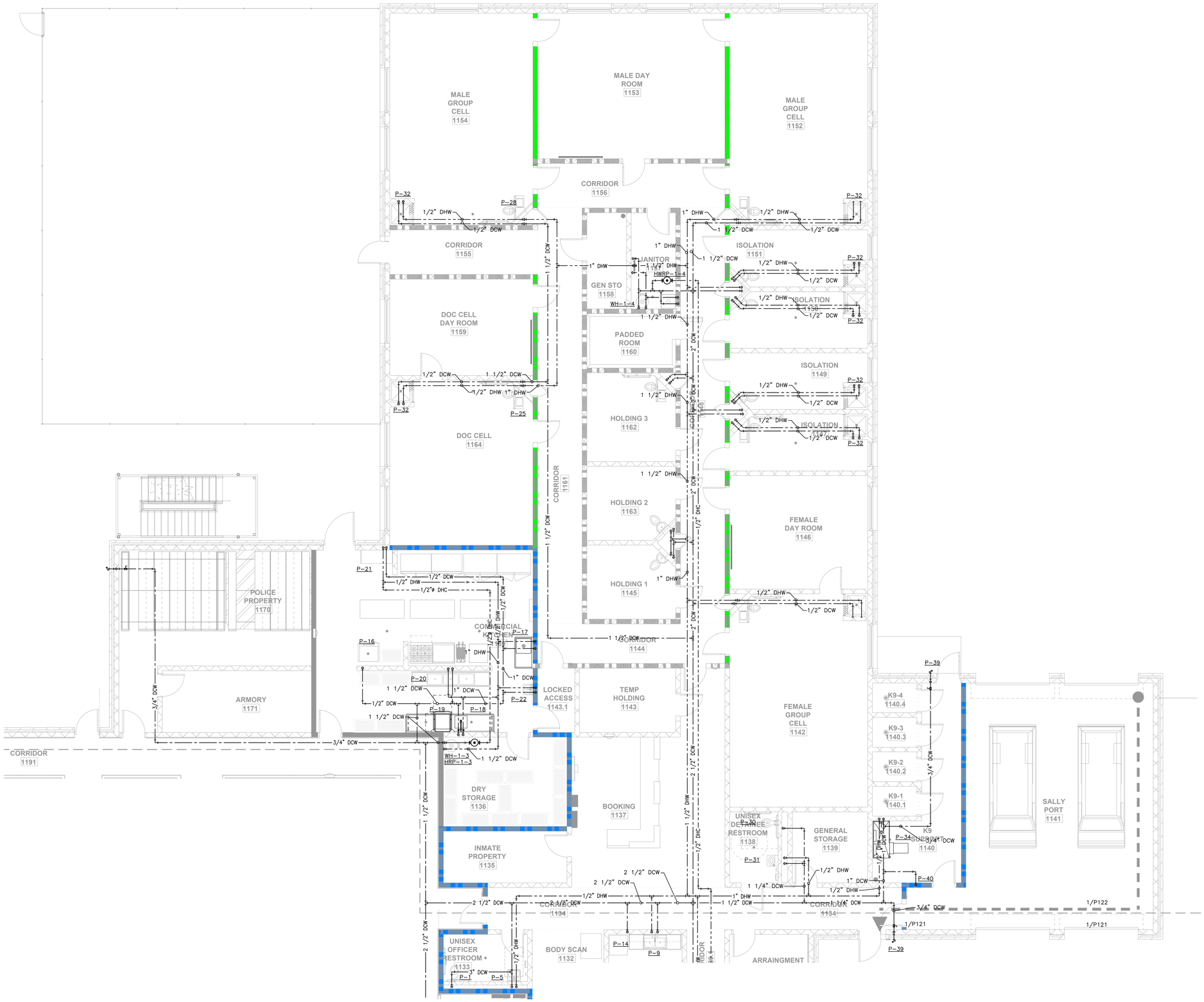
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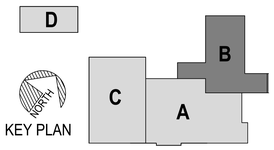
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1 ENLARGED DOMESTIC WATER PLAN - SECTION B
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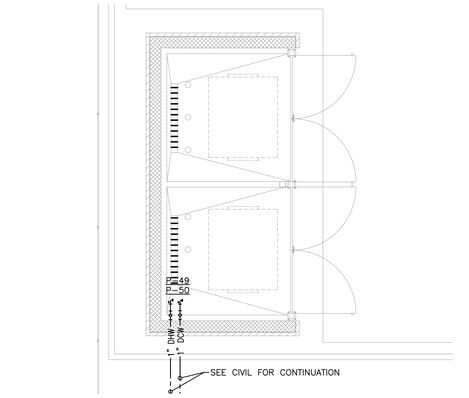
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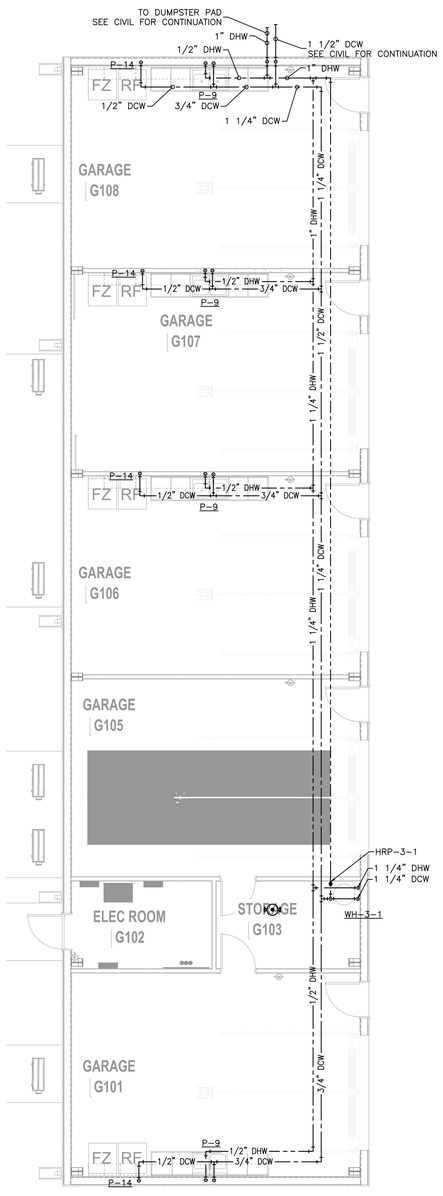
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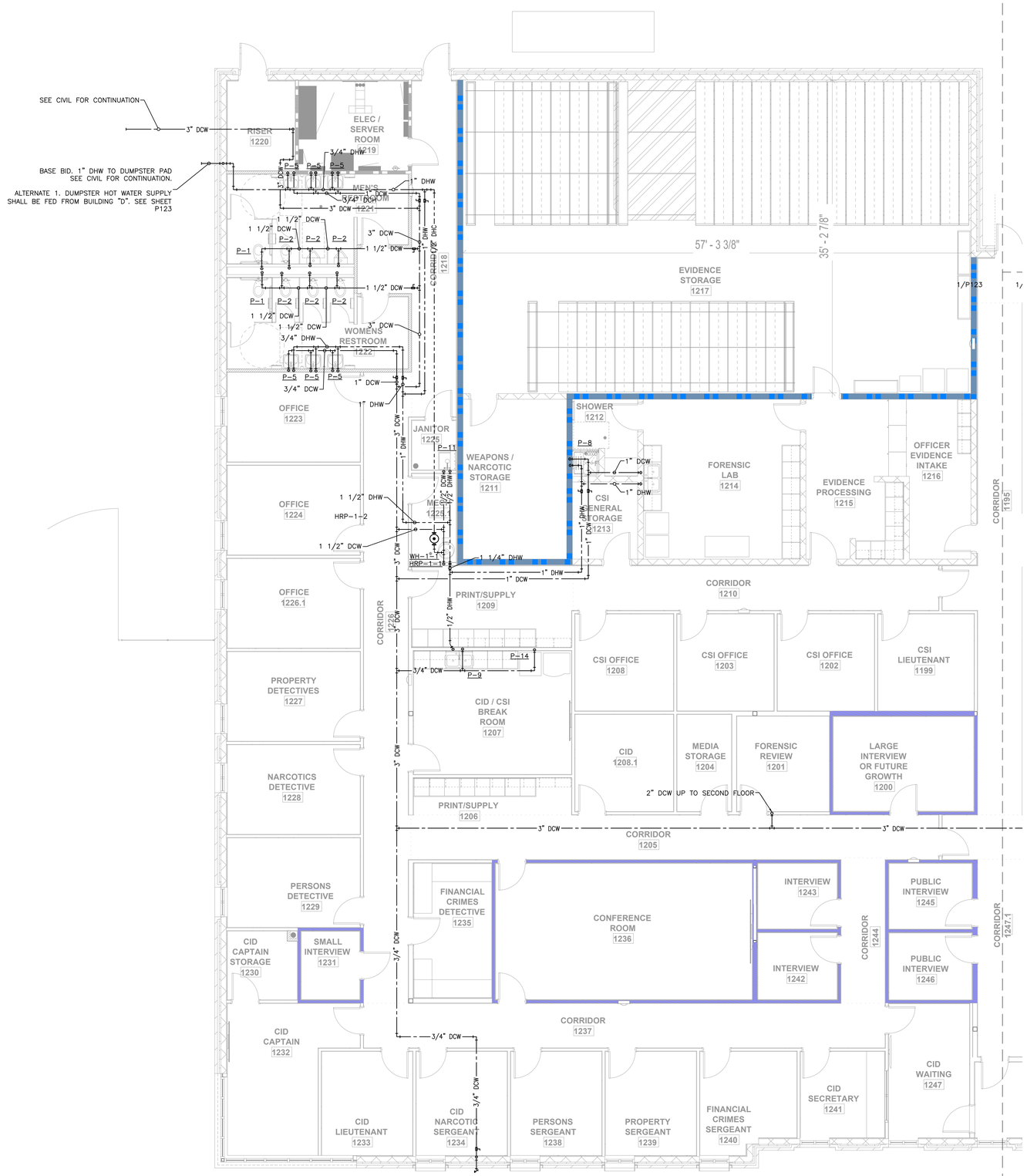
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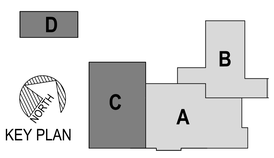
3 ENLARGED DOMESTIC WATER PLAN - DUMPSTER PAD
SCALE: 3/16"=1'-0"



2 ENLARGED DOMESTIC WATER PLAN - SECTION D (ALTERNATE 1)
SCALE: 3/16"=1'-0"



1 ENLARGED DOMESTIC WATER PLAN - SECTION C
SCALE: 3/16"=1'-0"



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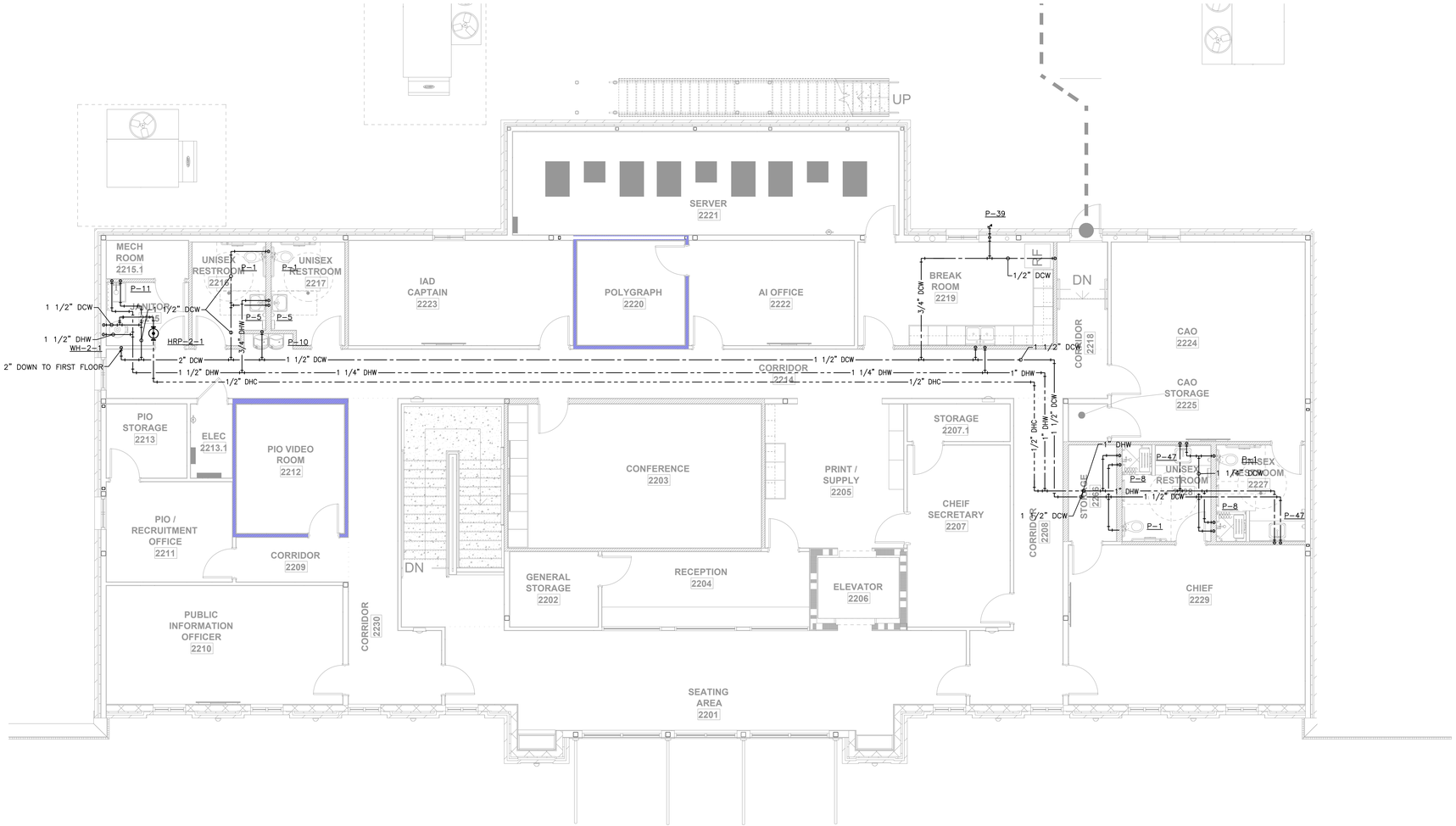
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SECTIONS C, D & DUMPSTER PAD

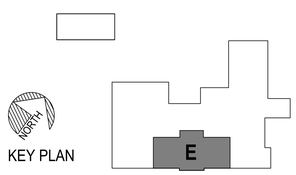
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1 ENLARGED DOMESTIC WATER PLAN - SECTION E
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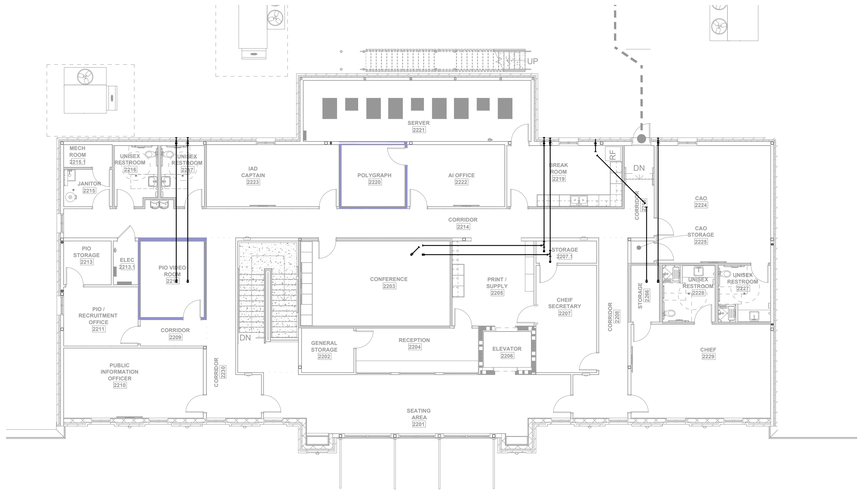
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2 SECOND FLOOR OVERALL ROOF DRAINAGE PLAN
SCALE: 3/32"=1'-0"

1 FIRST FLOOR OVERALL ROOF DRAINAGE PLAN
SCALE: 3/32"=1'-0"

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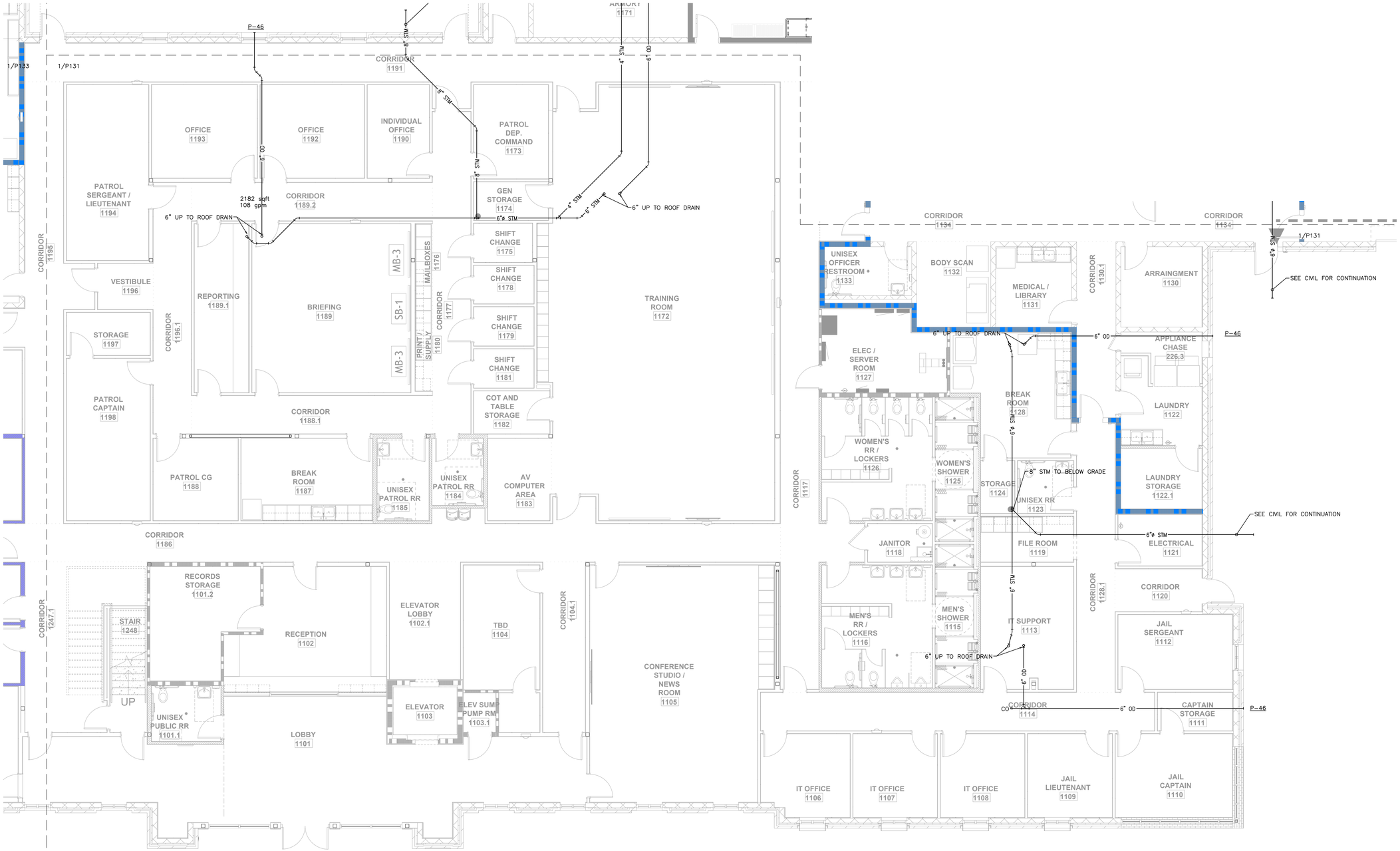
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OVERALL ROOF DRAINAGE PLANS

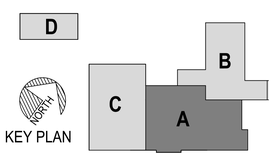
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1 ENLARGED ROOF DRAINAGE PLAN - SECTION A
SCALE: 3/16"=1'-0"



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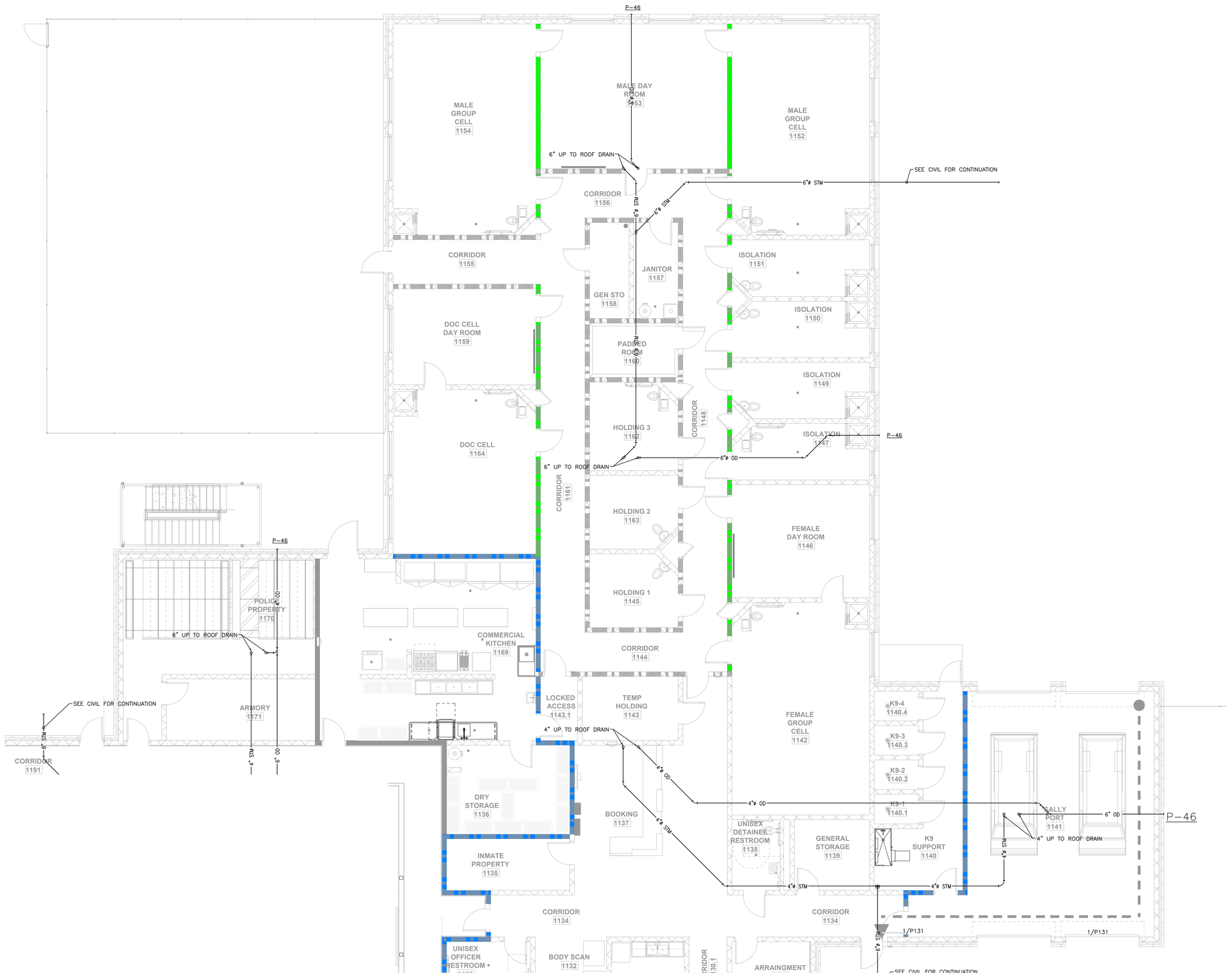
ENLARGE ROOF DRAINAGE PLAN - SECTION A

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1 ENLARGED ROOF DRAINAGE PLAN - SECTION B
SCALE: 3/16"=1'-0"

KEY PLAN

D
C
B
A

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ENLARGED ROOF DRAINAGE PLAN - SECTION B

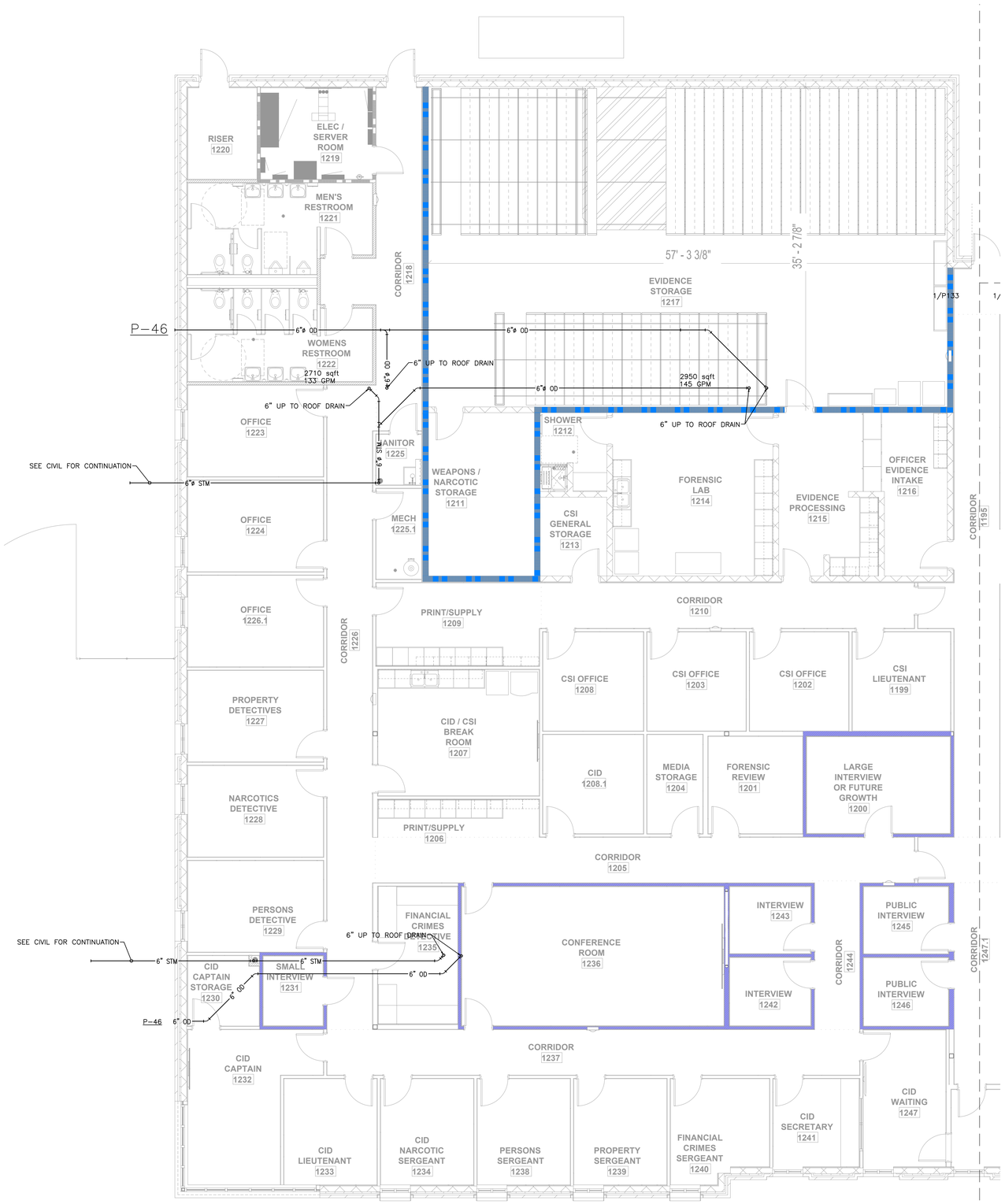
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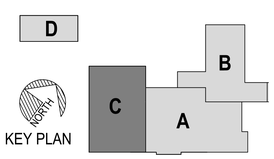
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1 ENLARGED ROOF DRAINAGE PLAN - SECTION C
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ENLARGED ROOF DRAINAGE PLAN - SECTION C

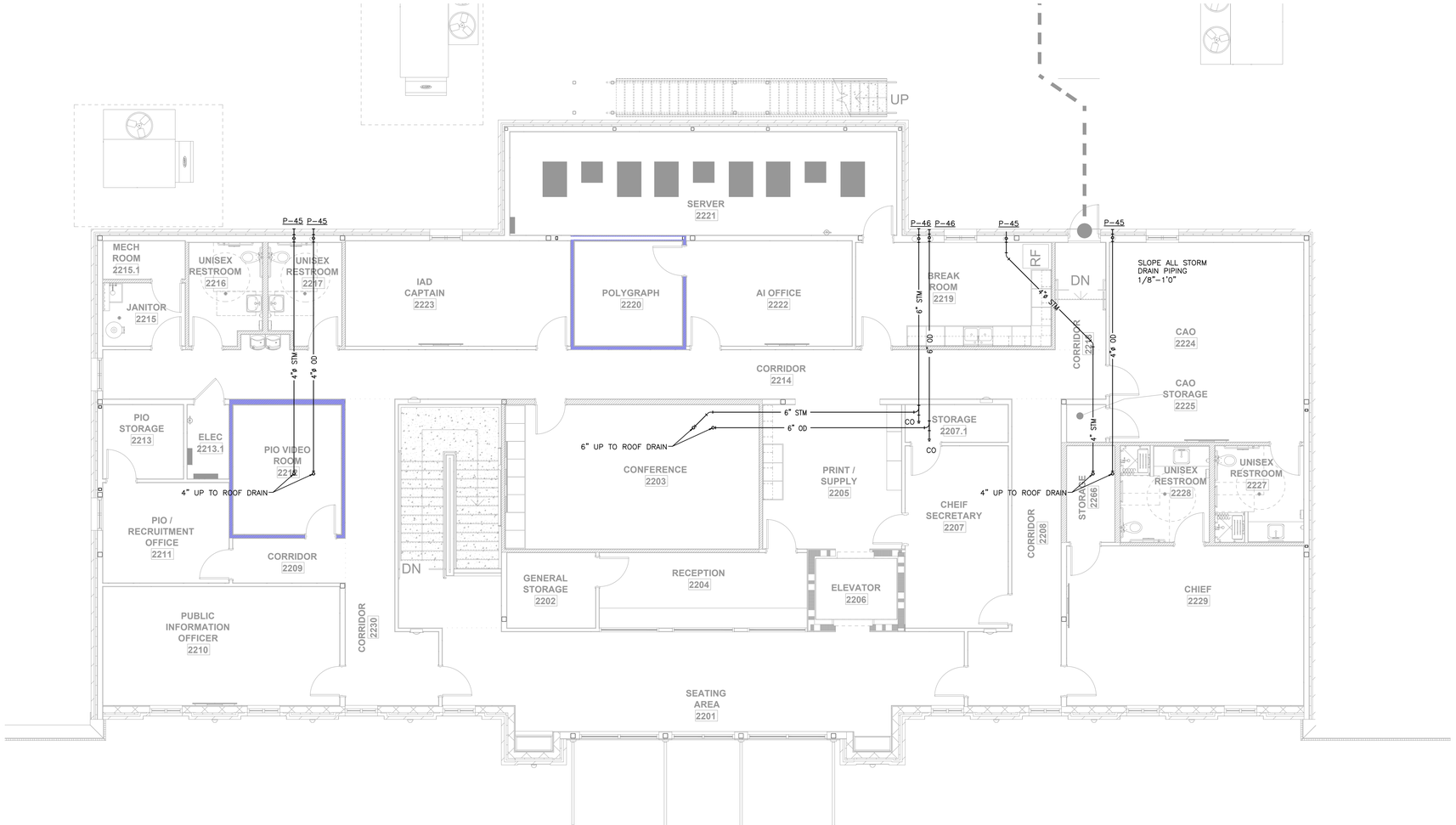
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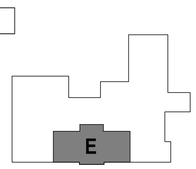
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1 ENLARGED ROOF DRAINAGE PLAN - SECTION E
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KEY PLAN



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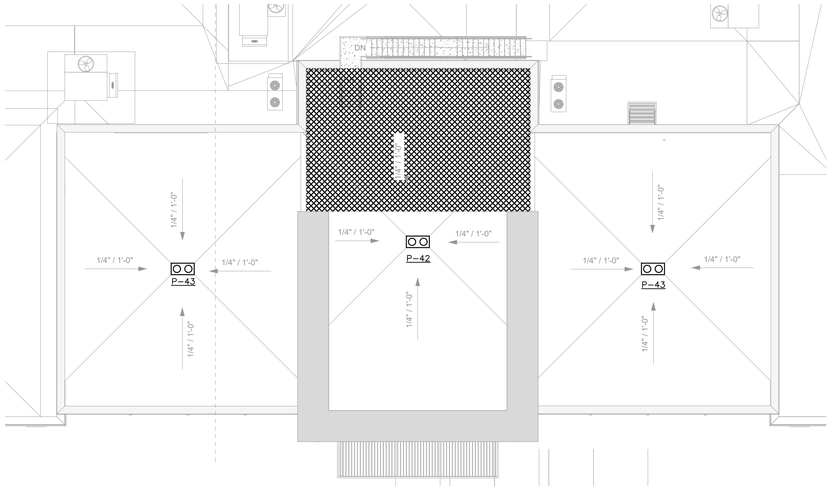
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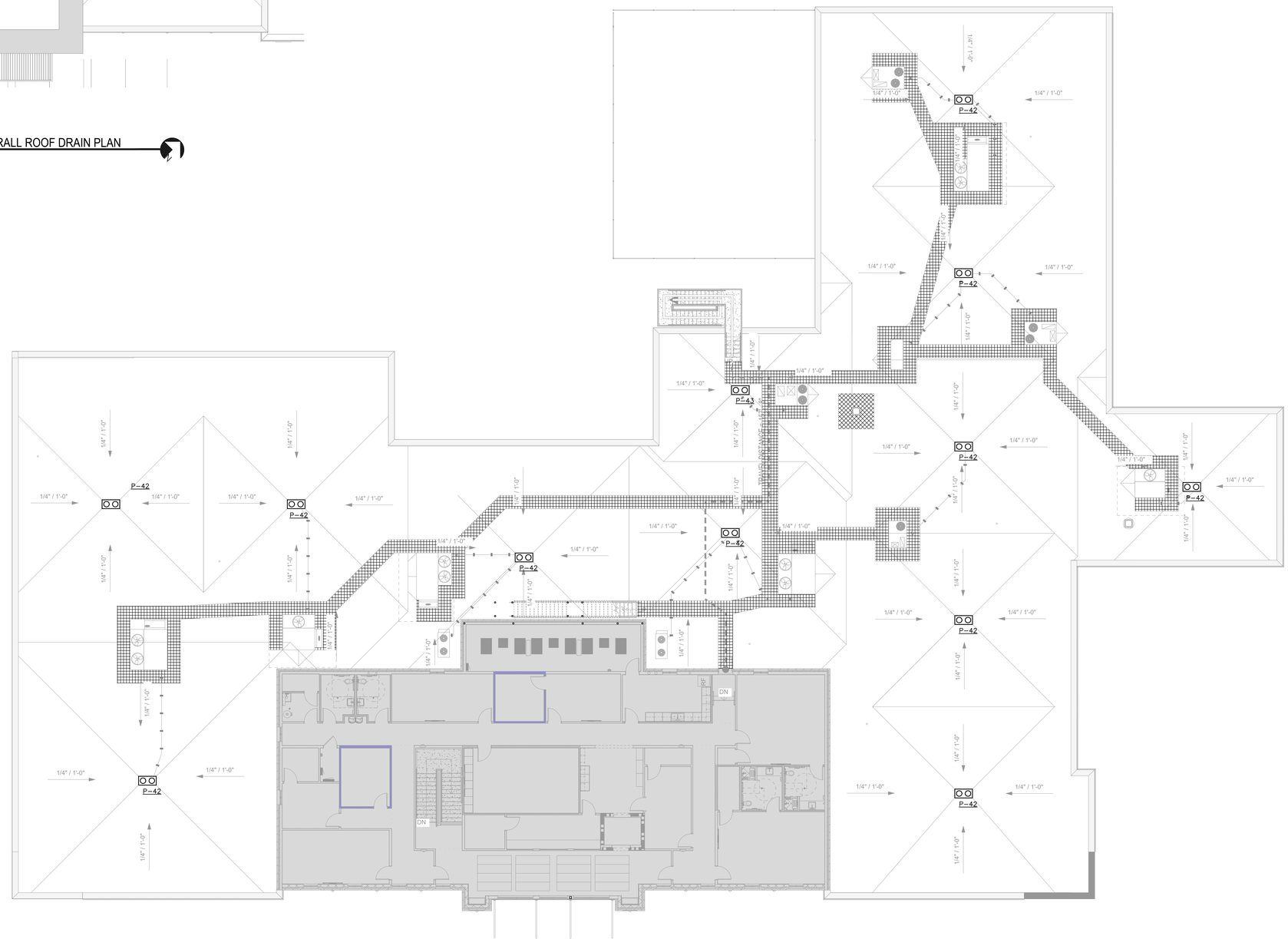
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2 SECOND FLOOR OVERALL ROOF DRAIN PLAN
SCALE: 3/32"=1'-0"



1 FIRST FLOOR OVERALL ROOF DRAIN PLAN
SCALE: 3/32"=1'-0"

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OVERALL ROOF DRAIN PLANS

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1 FIRST FLOOR OVERALL NATURAL GAS PLAN
SCALE: 3/32"=1'-0"

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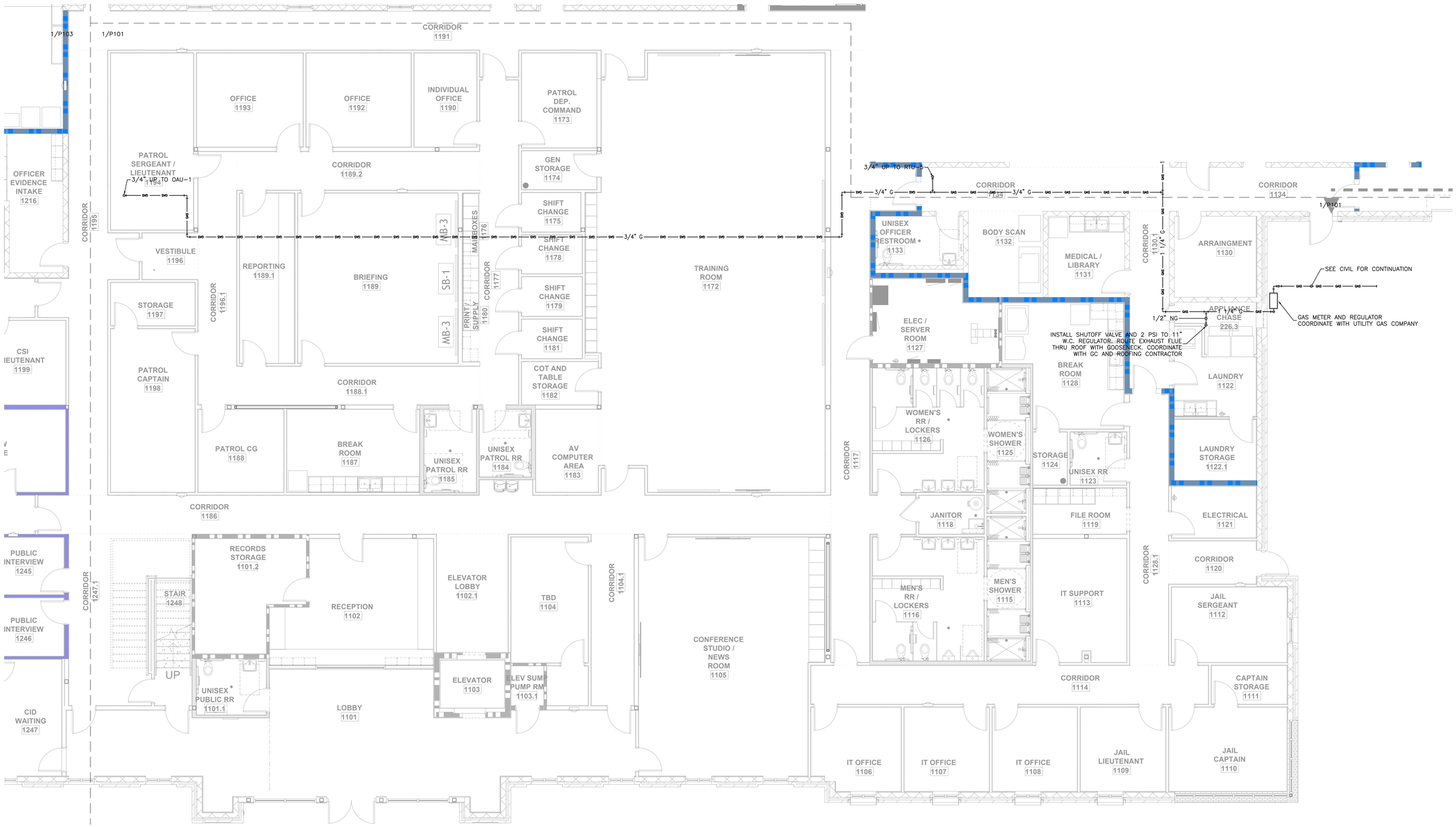
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OVERALL NATURAL GAS PLAN

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LICENSED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
04.07.26



1 ENLARGED NATURAL GAS PLAN - SECTION A
SCALE: 3/16"=1'-0"

KEY PLAN

D
C
B
A

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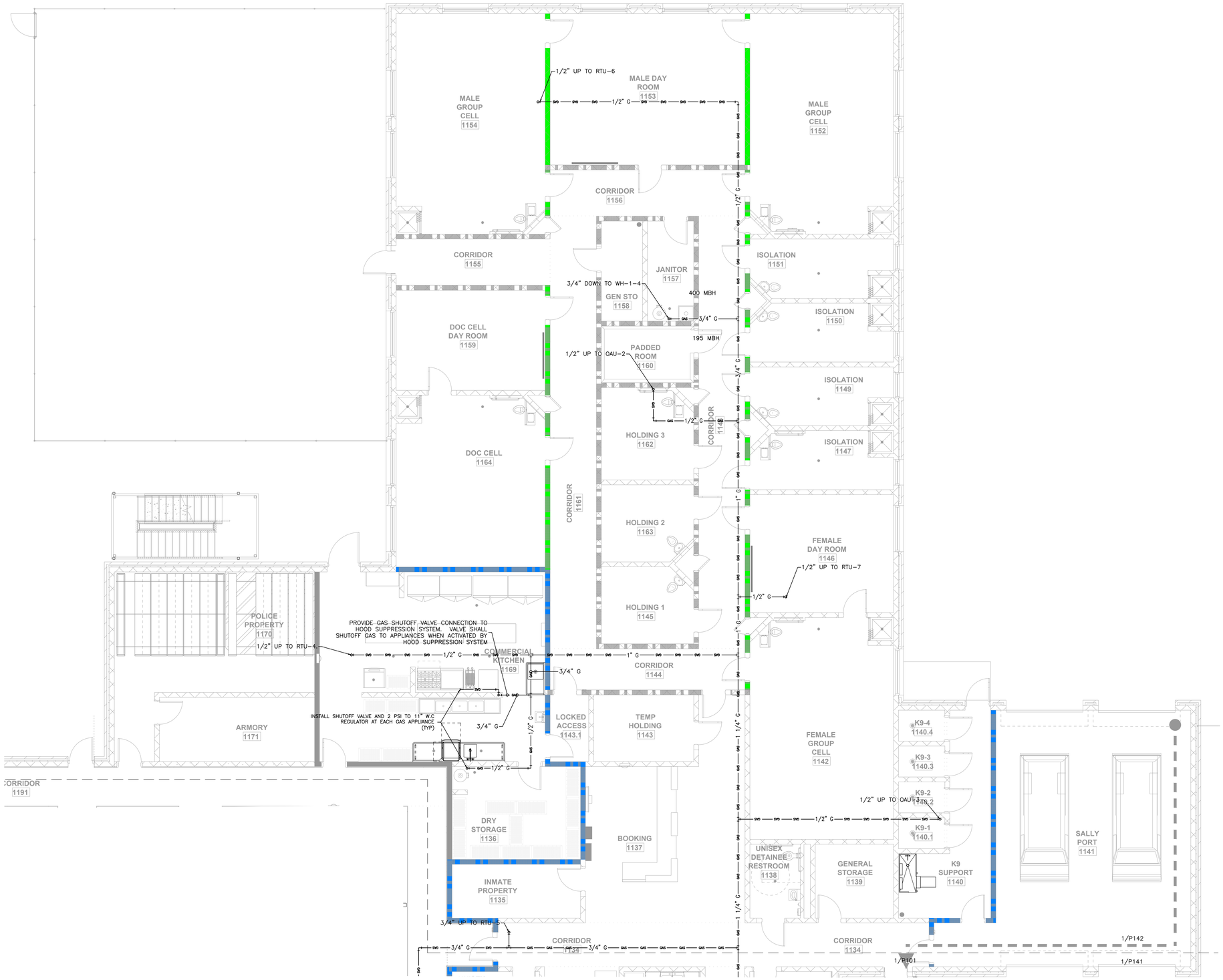
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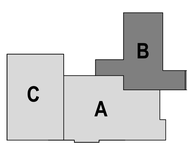
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1 ENLARGED NATURAL GAS PLAN - SECTION B
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STATE OF LOUISIANA
JOHN MICHAEL VAN DUKE
License No. 37787
ENGINEER
04.07.26

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: 3/16"=1'-0"
PROJECT NO: 0315.23.001
DRAWN BY: MAB
CHECKED BY: JMV

ENLARGED NATURAL GAS PLAN - SECTION B

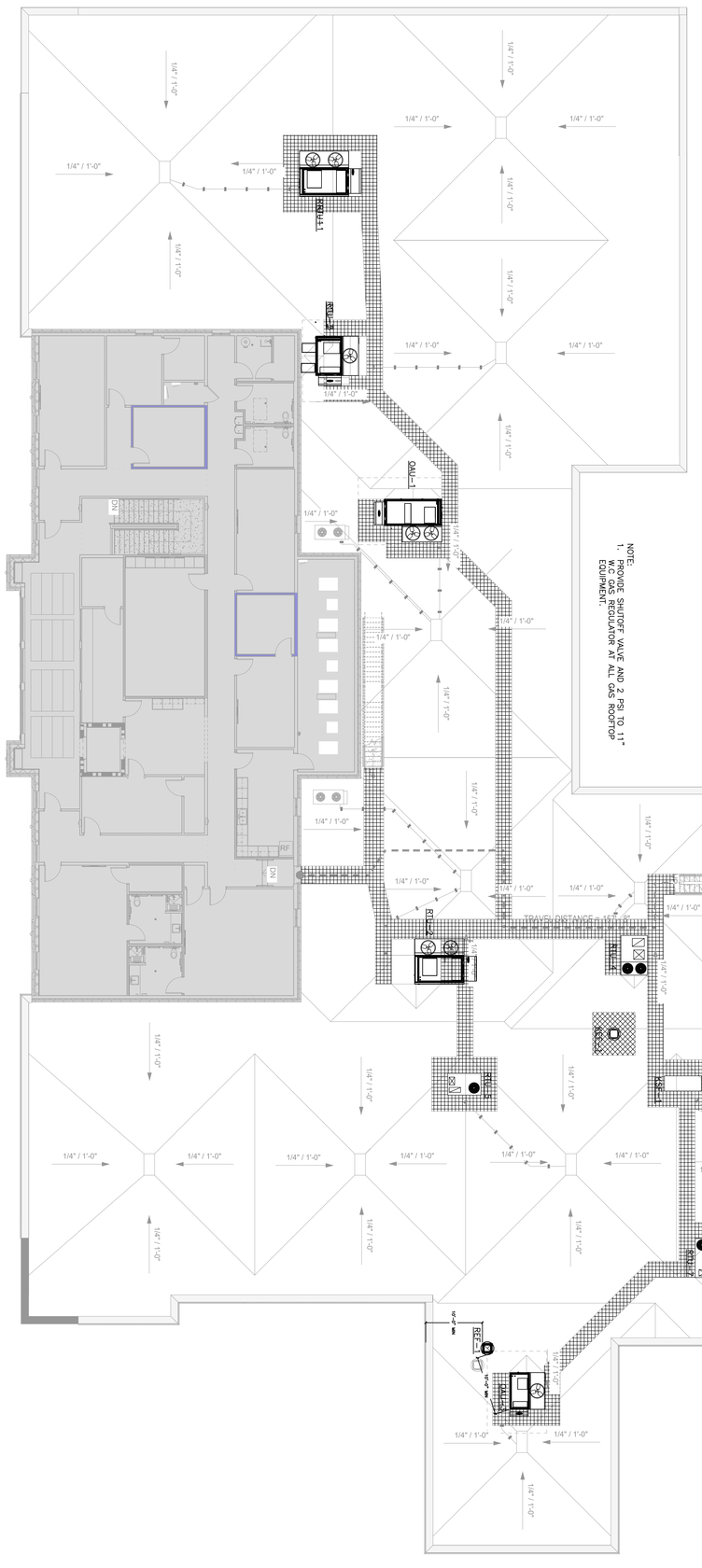
NO.	DATE	REVISION / SUBMITTAL
REV 0	11.18.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

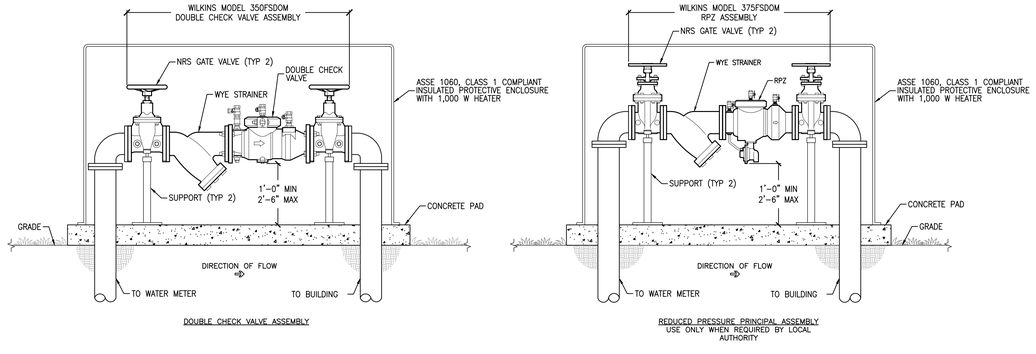
P142

VERIFY SCALES
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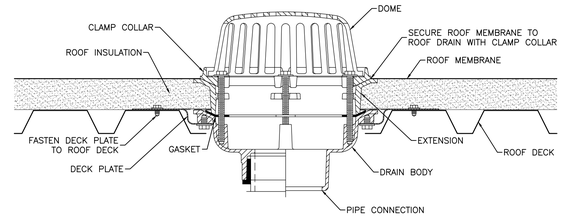
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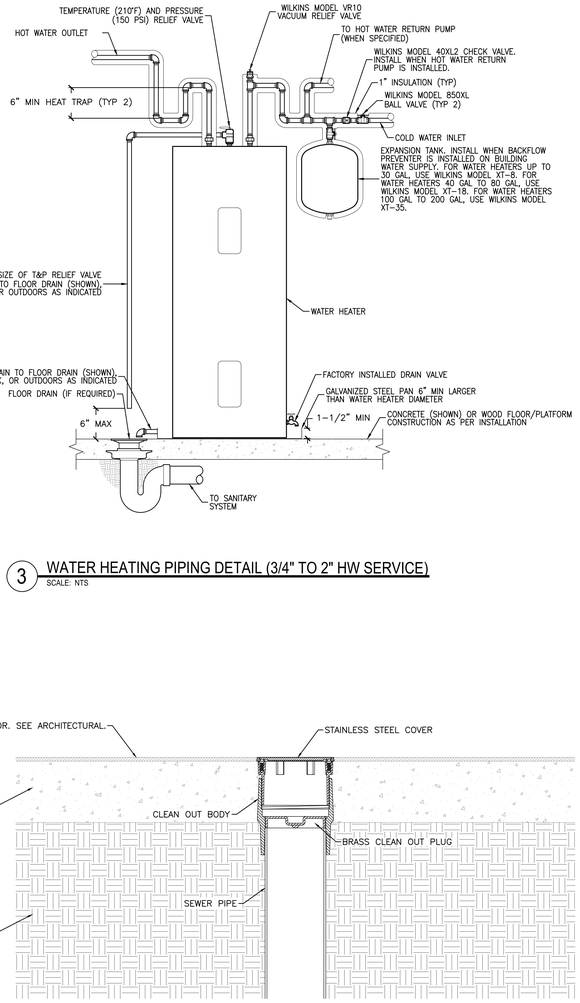




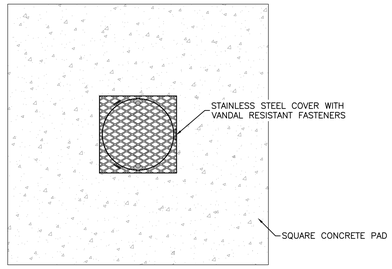
1 DOMESTIC BACKFLOW PREVENTER DETAILS (2-1/2" TO 10")
NTS



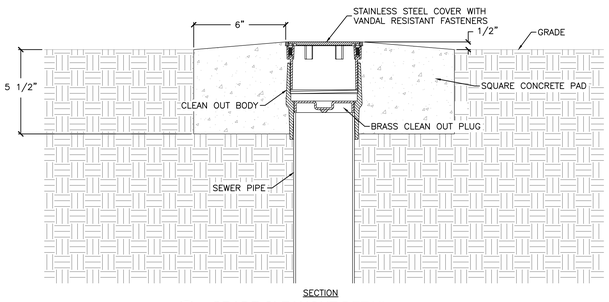
2 ROOF DRAIN DETAIL
NTS



3 WATER HEATING PIPING DETAIL (3/4" TO 2" HW SERVICE)
SCALE: NTS

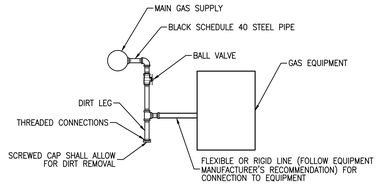


PLAN

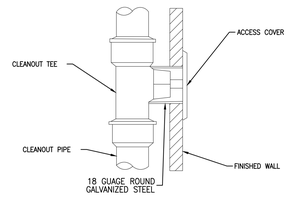


SECTION

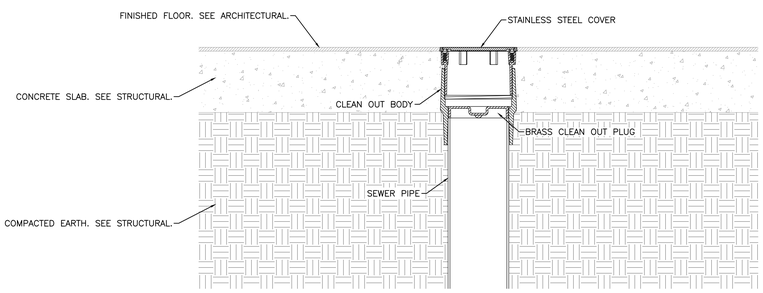
4 GRADE CLEANOUT DETAIL
SCALE: NTS



5 GAS EQUIPMENT CONNECTION DETAIL
NTS



6 WALL CLEANOUT DETAIL
SCALE: NTS



7 FLOOR CLEANOUT DETAIL
SCALE: NTS

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911 ROBERT BLVD, SLIDELL LA 70458

PLUMBING DETAILS

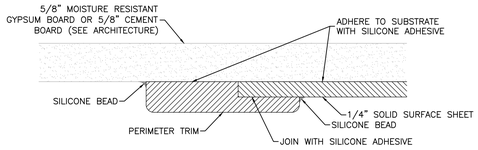
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REV 0	11.18.25	ISSUED FOR CONSTRUCTION
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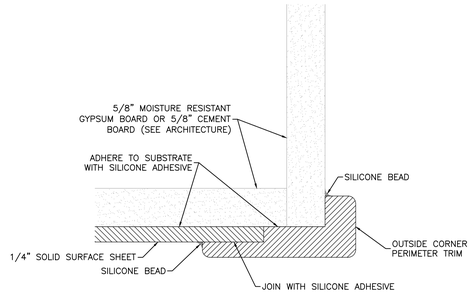
P501

VERIFY SCALES
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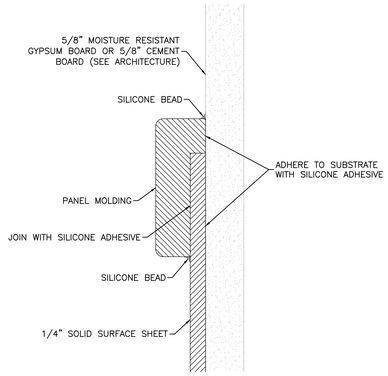
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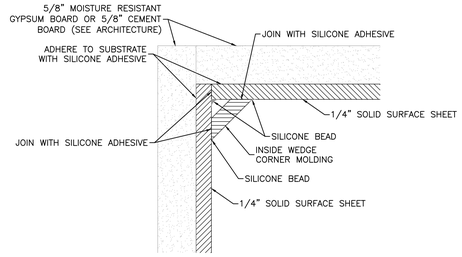
END CONDITION – HORIZONTAL SECTION



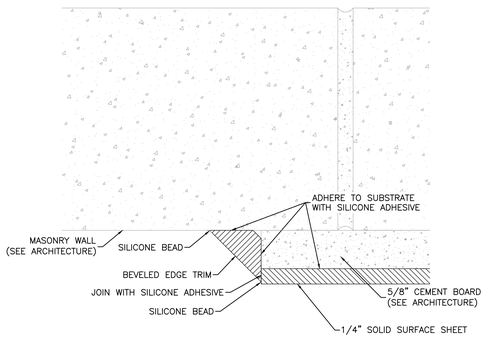
OUTSIDE CORNER CONDITION – HORIZONTAL SECTION



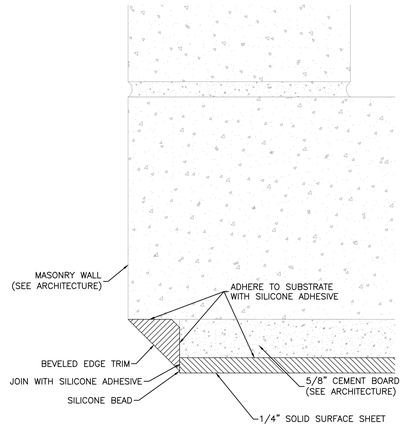
TOP CONDITION – VERTICAL SECTION



INSIDE CORNER CONDITION – HORIZONTAL SECTION



END OR TOP CONDITION – SECTION



OUTSIDE CORNER CONDITION – HORIZONTAL SECTION

1 INPRO SHOWER DETAILS
SCALE: NTS

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m:\0315_city of slidell\0315.23.001_slidell police department\05-mechanical\02-production\01-production drawings\slidell police department plumbing - note details schedules.dwg

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911 ROBERT BLVD, SLIDELL LA 70458

PLUMBING DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

P502

SCALE: NTS
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PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MAKE	MODEL	CONNECTIONS					NOTES	TAG	DESCRIPTION	MAKE	MODEL	CONNECTIONS					NOTES
				CW	HW	TW	D	G						CW	HW	TW	D	G	
P-1	ADA FLOOR MOUNT WATER CLOSET-FV	ZURN	Z5665-BWL1	1"	N/A	N/A	3"	N/A	1,2,3,4	P-26	ADA LAVATORY/TOILET COMBO	ACORN	LR1432-AL-2-04-M-1.28-FVH-LW1-SW	1/2" , 1"	1/2"	1/2"	1 1/2", 3"	N/A	–
P-2	FOOR MOUNT WATER CLOSET-FV	ZURN	Z5665-BWL1	1"	N/A	N/A	3"	N/A	2,3,5	P-27	LAVATORY/TOILET COMBO	ACORN	LR1415-CT-2-04-M-1.28-FVH-PHL-LW1-SW	1/2" , 1"	1/2"	1/2"	1 1/2", 3"	N/A	–
P-3	ADA URINAL	ZURN	Z5738	3/4"	N/A	N/A	2"	N/A	1,6,7	P-28	LAVATORY/TOILET COMBO	ACORN	LR1415-AR-2-04-M-1.28-FVH-PHL-LW1-SW	1/2" , 1"	1/2"	1/2"	1 1/2", 3"	N/A	–
P-4	URINAL	ZURN	Z5738	3/4"	N/A	N/A	2"	N/A	5,6,7	P-29	LAVATORY/TOILET COMBO	ACORN	LR1415-AL-2-04-M-1.28-FVH-PHL-LW1-SW	1/2" , 1"	1/2"	1/2"	1 1/2", 3"	N/A	–
P-5	ADA WALL MOUNT LAVATORY	ZURN	Z5341-PED	1/2"	1/2"	N/A	1-1/4"	N/A	1,8,9,10,11,12,13	P-30	TOILET	ACORN	LR2140-W-ADA-RM-1.6-FVH-SW	1"	–	–	3"	–	–
P-6	FLOOR DRAIN	ZURN	ZN415B-SZ1-TSP-PC	N/A	N/A	N/A	3"	N/A	14	P-31	ADA LAVATORY	ACORN	LR1653-1-04-M-LW1-SW	1/2"	1/2"	N/A	1-1/4"	N/A	–
P-7	ADA SHOWER 60"X36" CUSTOM	INPRO	60"X36" CUSTOM	1/2"	1/2"	N/A	2"	N/A	33,34,36,37,38,39,40	P-32	ADA SHOWER VALVE	ACORN	US-3636-HC-FA-L-TPLR	1/2"	1/2"	N/A	N/A	N/A	–
P-8	ADA SHOWER 36"X36" CUSTOM	INPRO	36"X36" CUSTOM	1/2"	1/2"	N/A	2"	N/A	33,34,35,36,37,38,39	P-33	LIGATURE RESISTANT FLOOR DRAIN	ZURN	ZS415-LR	N/A	N/A	N/A	3"	N/A	14,27
P-9	ADA 2-COMPARTMENT DROP-IN SINK	ELKAY	LRAD331955	1/2"	1/2"	N/A	(2) 1-1/2"	N/A	1,15,16	P-34	ANIMAL GROOMING TUB	SHORE-LINE	ELITE GROOMING TUB	1/2"	1/2"	N/A	2"	N/A	46,47
P-10	ADA HI/LO WATER COOLER	ELKAY	LZST8WSAP-PF	1/2"	N/A	N/A	1-1/2"	N/A	1,7,17	P-35	FLOOR SINK	ZURN	Z1995	N/A	N/A	N/A	4"	N/A	30
P-11	MOP SINK	ACORN	TDF-36-BDS-TF2-KH36-KHM-KWG	1/2"	1/2"	N/A	3"	N/A	21,22,23,24,24	P-36	STACKED WASHER/DRYER COMBO	ALIANCE	HSA050N	1/2"	1/2"	N/A	3"	1/2"	26
P-12	2-COMPARTMENT DROP-IN SINK	ELKAY	LRAD331955	1/2"	1/2"	N/A	(2) 1-1/2"	N/A	15,18	P-37	LINT INTERCEPTOR	STRIEM	AA-4	N/A	N/A	N/A	4"	N/A	50
P-13	WASHING MACHINE OUTLET BOX	GUY GRAY	MWB-16	1/2"	1/2"	N/A	2"	N/A	–	P-38	2 COMPARTMENT DROP IN LAB SINK	ELKAY	LRAD331955	1/2"	1/2"	N/A	(2) 1-1/2"	N/A	15,43,44
P-14	ICE MAKER OUTLET BOX	GUY GRAY	MIB1HAAB	1/2"	N/A	N/A	N/A	N/A	–	P-39	FREEZE PROOF WALL HYDRANT	WOODFORD	B67	3/4"	N/A	N/A	N/A	N/A	32
P-15	FLOOR SINK	ZURN	ZS1900	N/A	N/A	N/A	3"	N/A	19,20	P-40	WALL HYDRANT	WOODFORD	B75	3/4"	N/A	N/A	N/A	N/A	32
P-16	ICE MAKER	INDIGO NXT	It0300	1/2"	N/A	N/A	N/A	N/A	26	P-41	LINEAR TRENCH DRAIN	ZURN	ZS890	N/A	N/A	N/A	3"	N/A	31
P-17	WORK TABLE W/ SINK	ADVANCE TABCO	KLAG-11B304L-X	1/2"	1/2"	N/A	1-1/2"	N/A	26	P-42	15" COMBINATION ROOF DRAIN/OVERFLOW	ZURN	Z163	N/A	N/A	N/A	4"	N/A	41
P-18	DISHWASHER SIDE TABLE W/SINK	ADVANCE TABCO	DTS-S70-72R	1/2"	1/2"	N/A	1-1/2"	N/A	26	P-43	15" COMBINATION ROOF DRAIN/OVERFLOW	ZURN	Z163	N/A	N/A	N/A	6"	N/A	41
P-19	DISHWASHER	AUTO-CHLOR SYSTEM	A6	1/2"	–	N/A	1"	N/A	26	P-44	ROOF DRAIN SPOUT 4" OUTLET	ZURN	Z199	N/A	N/A	N/A	4"	N/A	42
P-20	3 COMPARTMENT SINK	ADVANCE TABCO	94-43-72-24RL	1/2"	1/2"	N/A	(3) 1-1/2"	N/A	26	P-45	ROOF DRAIN SPOUT 6" OUTLET	ZURN	Z199	N/A	N/A	N/A	6"	N/A	42
P-21	JANITOR CABINET	ADVANCE TABCO	9-OPC-84DR	1/2"	1/2"	N/A	2"	N/A	26	P-46	DECK MOUNTED EYEWASH	GUARDIAN	G1805	1/2"	1/2"	1/2"	N/A	N/A	44,45
P-22	HANDWASH SINK	ADVANCE TABCO	7-PS-69	1/2"	1/2"	N/A	1-1/2"	N/A	26	P-47	ADA DROP-IN LAVATORY	ZURN	Z5121	1/2"	1/2"	N/A	1 1/4"	N/A	1,,8,9,10,12
P-23	OVEN/RANGE/GRIDDLE COMBO	VULCUN	72-SS-6B36C*	N/A	N/A	N/A	N/A	1"	26	P-48	AREA DRAIN	ZURN	Z610	N/A	N/A	1/2"	1/2"	N/A	49
P-24	GAS FRYER	VULCUN	1VEG35M	N/A	N/A	N/A	N/A	3/4"	26	P-49	FREEZE PROOF YARD HYDRANT	WOODFORD	S3	1"	N/A	N/A	N/A	N/A	48
P-25	ADA LAVATORY/TOILET COMBO	ACORN	LR1432-AR-2-04-M-1.28-FVH-LW1-SW	1/2" , 1"	1/2"	1/2"	1 1/2", 3"	N/A	–	P-50	FREEZE PROOF YARD HYDRANT	WOODFORD	S3	N/A	1"	N/A	N/A	N/A	48

1 MOUNT WITH ADA CLEARANCES
2 WITH ZURN Z6000AV-WS1 MANUAL FLUSH VALVE
3 WITH CHURCH 295SSCT SEAT OR APPROVED EQUAL
4 COORDINATE RIGHT OR LEFT FLUSH VALVE LEVER INSTALLATION WITH ADA (OPEN SIDE)
5 MOUNT WITH STANDARD CLEARANCE
6 WITH ZURN Z6003AV-ULF MANUAL FLUSH VALVE
7 WITH WALL CARRIER
8 WITH ADA GRID STRAINER
9 WITH 1-1/4" 17 GAUGE P-TRAP
10 WITH BALL STOPS AND FLEXIBLE SUPPLIES
11 WITH VITREOUS CHINA HALF PEDESTAL
12 WITH CHICAGO FAUCET 410-T41E2805ABCP FAUCET (ASSE 1070 COMPLIANT)
13 WITH WALL ARM CARRIER
14 WITH ASSE 1072 TRAP GUARD
15 WITH STAINLESS STEEL CONSTRUCTION
16 WITH ELKAY 1410 FAUCET WITH PULL-DOWN SPRAYER
17 WITH WATER FILTER
18 WITH ELKAY LKD232SBH5C FAUCET
19 WITH VANDAL PROOF STRAINER
20 WITH VANDAL PROOF SECURED TOP
21 WITH BEEHIVE DOME STRAINER
22 WITH HOSE AND WALL HANGER
23 WITH (2) WALL GUARDS
24 WITH (2) TILLING FLANGES
25 WITH MOP HANGER
26 OWNER FURNISHED, CONTRACTOR INSTALLED
27 WITH COIL HOSE
28 WITH HAIR TRAP
29 WITH SINK DRAIN KIT AND STRAINER
30 WITH DOME STRAINER
31 WITH TYPE 316 STAINLESS STEEL GRATE
32 CONTRACTOR SHALL VERIFY CLOSE COUPLED LENGTH WITH ARCHITECTURAL PLANS
33 COORDINATE SLAB RECESS WITH GC
34 WITH FRONT TRENCH RECEPTOR AND GRATE
35 WITH ADA STAINLESS STEEL GRAB BARS, SEAT AND ALL ACCESSORIES
36 WITH SOLID SURFACE 1/4" ADA WALLS
37 INCLUDE ALL TRIM PIECES AND ACCESSORIES FOR COMPLETE, FINISHED APPEARANCE. SEE P502 FOR DETAILS
38 COORDINATE LEFT OR RIGHT SEAT PRIOR TO ORDER
39 WITH ZURN Z7101-SS-LH-DV2P-HW-WF ADA SHOWER UNIT
40 WITH ADA STAINLESS STEEL GRAB BARS AND ALL ACCESSORIES
41 WITH EXTENSION AS NECESSARY FOR ROOF INSULATION
42 WITH STAINLESS STEEL SCREEN
43 WITH ELKAY LK800GN08T6 FAUCET
44 WITH G6020 THERMOSTATIC MIXING VALVE
45 COORDINATE INSTALLATION INTO MILLWORK WITH DROP-IN SINK
46 WITH HAIR TRAP
47 OR APPROVED EQUAL
48 WITH 3'0" BURY DEPTH
49 WITH SEDIMENT BUCKET
50 WITH NECESSARY RISER
51

CONDENSING WATER HEATER SCHEDULE

TAG	MAKE	MODEL	GAL	100°F RECOVERY (GPH)	MBH	EFF	AIR INLET	EXHAUST FLUE	V/PH	AMPS	NOTES
WH-1-3	AO SMITH	BTH-120	60	138	120	97%	4"	4"	120/1	5.0	1,2,3,4
WH-1-4	AO SMITH	BTH-400	119	461	400	95%	4"	4"	120/1	5.0	1,2,3,4

1 WITH TEMPERATURE AND PRESSURE RELIEF VALVE
2 WITH CONDENSATE NEUTRALIZER
3 WITH INTEGRATED BACNET PORT
4 WITH UPPER AND LOWER HEATING ELEMENT

ELECTRIC WATER HEATER SCHEDULE

TAG	MAKE	MODEL	GAL	100°F RECOVERY (GPH)	KW	V/PH	AMPS	NOTES
WH-1-1	AO SMITH	DVE-52	50	56	12.3	460/3	15.0	1
WH-1-2	AO SMITH	DVE-80	80	98	24	460/3	28.9	1
WH-2-1	AO SMITH	DVE-52	50	56	12.3	460/3	15.0	1
WH-3-1	AO SMITH	DVE-52	50	56	12.3	460/3	15.0	1

1 WITH TEMPERATURE AND PRESSURE RELIEF VALVE

SUMP PUMP SCHEDULE

TAG	MAKE	MODEL	GPM	HEAD (FT)	HP	V/PH	LBS	NOTES
SP-1	LIBERTY	ELV280	50	14	1/2	115/1	40	1,2

1 WITH OILTECTOR CONTROL SYSTEM & ALARM
2 WITH 3 YEAR WARRANTY

HOT WATER RETURN PUMP

TAG	MAKE	MODEL	GPM	W	V/PH	NOTES
HRP-1-1	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3
HRP-1-2	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3
HRP-1-3	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3
HRP-1-4	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3
HRP-2-1	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3
HRP-3-1	B&G	e^3-4-/BUXRC	4	28	120/1	1,2,3

1 WITH ADJUSTABLE TEMPERATURE SENSOR
2 WITH ULTRACIRC BODY TYPE
3 WITH TIMER ACCESSORY

NATURAL GAS LOAD

DESCRIPTION	MBH
GAS FRYER	70
GAS RANGE/OVER/GRIDDLE	310
COMMERCIAL DRYER	73
COMMERCIAL DRYER	73
OAU-1	195
OAU-2	195
OAU-3	95
RTU-4	125
RTU-5	70
RTU-6	125
RTU-7	125
WH-1-3	120
WH-1-4	400
TOTAL	1976

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PLUMBING SCHEDULES

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.06.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

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MECHANICAL ABBREVIATIONS

A	
A	AMPS
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
B	
BDD	BACKDRAFT DAMPER
BOD	BOTTOM OF DUCT
C	
CEF	CEILING EXHAUST FAN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CHW	CHILLED WATER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CU	CONDENSING UNIT
CW	CONDENSER WATER
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
D	
DC	DIRECT CURRENT
E	
E	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
F	
FC	FAN COIL
FD	FIRE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
FT	FOOT/FEET
G	
GA	GAUGE
GC	GENERAL CONTRACTOR
GFM	GLASS FABRIC AND MASTIC
H	
HP	HORSEPOWER OR HEAT PUMP
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
K	
KW	KILOWATT

L	
LBS	POUNDS
M	
MAX	MAXIMUM
MBH	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MD	MOTORIZED DAMPER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
N	
NC/PO	NORMALLY CLOSED/POWERED OPEN
NIC	NOT IN CONTRACT
NIS	NEOPRENE IN SHEAR
NO/PC	NORMALLY OPEN/POWERED CLOSED
NTS	NOT TO SCALE
O	
OA	OUTDOOR AIR
OC	ON CENTER
P	
PC	PLUMBING CONTRACTOR
PH	PHASE
R	
RA	RETURN AIR
RGS	RIGID SEALED
RIS	RUBBER IN SHEAR
RPM	REVOLUTIONS PER MINUTE
S	
SA	SUPPLY AIR
SQFT	SQUARE FEET
T	
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
U	
UC	UNDERCUT DOOR
UL	UNDERWRITERS LABORATORIES
V	
V	VOLTAGE
VD	VOLUME DAMPER
VIF	VERIFY IN FIELD
W	
W	WATT
WC	WATER COLUMN

MECHANICAL SYMBOLS

	SQUARE/RECTANGULAR SUPPLY DOWN
	SQUARE/RECTANGULAR SUPPLY UP
	ROUND SUPPLY DOWN
	ROUND SUPPLY UP
	SQUARE/RECTANGULAR RETURN DOWN
	SQUARE/RECTANGULAR RETURN UP
	ROUND RETURN DOWN
	ROUND RETURN UP
	SQUARE/RECTANGULAR EXHAUST DOWN
	SQUARE/RECTANGULAR EXHAUST UP
	ROUND EXHAUST DOWN
	ROUND EXHAUST UP
	SQUARE/RECTANGULAR ELBOW
	SQUARE/RECTANGULAR ELBOW WITH TURNING VANES
	ROUND MAIN WITH CONICAL TAKEOFF
	ROUND MAIN WITH CONICAL TEE
	SQUARE/RECTANGULAR MAIN WITH CONICAL TEE
	ROUND MAIN WITH 45° LATERAL WYE
	SQUARE/RECTANGULAR MAIN WITH 45° LEAD IN TAKEOFF
	ROUND ELBOW
	EXISTING DUCT TO BE REMOVED
	EXISTING DUCT TO REMAIN
	NEW DUCT
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	INTERNALLY INSULATED DUCT
	SQUARE/RECTANGULAR TO ROUND TRANSITION
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	ROUND NECK CEILING AIR TERMINAL
	SQUARE/RECTANGULAR NECK CEILING AIR TERMINAL
	TRANSFER AIR PATH
C	TIMECLOCK
T	THERMOSTAT
S	TEMPERATURE SENSOR
H	HUMIDITY SENSOR
SD	DUCT SMOKE DETECTOR
	CONNECT TO EXISTING
	SWITCH
MD	MOTORIZED DAMPER
FD	FIRE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
SD	SMOKE DAMPER
BDD	BACKDRAFT DAMPER
	CAP AND SEAL
	FLEXIBLE CONNECTION

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MECHANICAL SYMBOLS AND ABBREVIATIONS

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MECHANICAL NOTES

A. GENERAL

1. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE INTERNATIONAL CODE AND ALL LOCAL ORDINANCES AS ADOPTED BY THE LOCAL JURISDICTION.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETE INSTALLATION AND OPERATION OF THE SYSTEMS INDICATED ON THE CONTRACT DOCUMENTS AND DRAWINGS EVEN IF NOT SPECIFICALLY SHOWN.
3. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND DO NOT ALWAYS SHOW ALL NECESSARY MATERIALS AND EQUIPMENT TO SCALE OR IN EXACT LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK ALL MEASUREMENTS, COORDINATE ALL WORK WITH OTHER TRADES, REVIEW ALL ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND VISIT THE JOBSITE TO MAKE APPROPRIATE MEASUREMENTS.
4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AND SHALL PAY ALL ASSOCIATED FEES FOR SCOPE OF WORK.
5. WHEN THE SPECIFICATIONS OR DRAWINGS ARE UNCLEAR OR IN CONFLICT WITH CODES OR OTHER TRADES, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE SUBMITTING A BID.
6. SUBMITTALS AND SHOP DRAWINGS FOR ALL EQUIPMENT, MATERIALS, AND ACCESSORIES SHALL BE PROVIDED TO THE OWNER AND ENGINEER FOR REVIEW AND COMMENT PRIOR TO ORDER, MANUFACTURE, FABRICATION, AND INSTALLATION. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY, CONSEQUENCES, AND POSSIBLE COSTS OF SUCH ACTION OR LACK OF ACTION REGARDLESS OF ANY AND ALL ERRORS OR OMISSIONS ON THESE DOCUMENTS. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTOR'S FAILURE TO COMPLY WITH THIS ITEM. IF SUBSTITUTIONS FOR SPECIFIED ITEMS ARE MADE, IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVE PERFORMANCE, COMPATIBILITY, AND CONFORMANCE WITH THE ORIGINAL DESIGN AND SPECIFICATIONS. RE-DESIGN BY THIS ENGINEER TO ACCOMMODATE SUBSTITUTIONS SHALL NOT BE PERFORMED. OTHERWISE, IT WILL BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED.
7. ALL ACTUAL EQUIPMENT, MATERIALS, AND ACCESSORIES TO BE INSTALLED SHALL BE FULLY COORDINATED WITH THE ELECTRICAL, PLUMBING, CIVIL, STRUCTURAL, AND ARCHITECTURAL CONTRACTORS PRIOR TO ORDER, MANUFACTURE, FABRICATION, AND INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO ELECTRICAL DATA, WEIGHTS, PLUMBING REQUIREMENTS, DIMENSIONS, PENETRATIONS, ETC. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY, CONSEQUENCES, AND POSSIBLE COSTS OF SUCH ACTION OR LACK OF ACTION REGARDLESS OF ANY AND ALL ERRORS OR OMISSIONS ON THESE DOCUMENTS. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTORS FAILURE TO COMPLY WITH THIS ITEM.
8. ANY AND ALL DEVIATIONS FROM THE DESIGN DOCUMENTS WITHOUT THIS ENGINEER'S APPROVAL INDICATES ACCEPTANCE BY THIS CONTRACTOR AND/OR OWNER FOR THE RESPONSIBILITY OF THE PERFORMANCE OF THE SYSTEM AFFECTED. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THIS CONTRACTOR'S FAILURE TO FOLLOW THE DESIGN DOCUMENTS. IF MODIFICATIONS TO THE SPECIFIED DESIGN ARE MADE, IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVE PERFORMANCE, COMPATIBILITY, AND CONFORMANCE WITH THE ORIGINAL DESIGN AND SPECIFICATIONS. RE-DESIGN BY THIS ENGINEER TO ACCOMMODATE MODIFICATIONS SHALL NOT BE PERFORMED. OTHERWISE, IT WILL BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED. SITE VISITS, INSPECTIONS, CALCULATIONS, COORDINATION, ETC. PERFORMED BY THIS ENGINEER TO INVESTIGATE PROBLEMS ASSOCIATED WITH DESIGN DEVIATIONS WILL ALSO BE CONSIDERED ADDITIONAL WORK FOR WHICH COMPENSATION WILL BE REQUIRED.
9. ANY ERRORS OR OMISSIONS ON THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REVIEW AND CORRECTION.
10. THE CONSTRUCTION DOCUMENTS ARE COMPRISED OF BOTH DRAWINGS AND SPECIFICATIONS (PROJECT MANUAL). THE GENERAL CONTRACTOR SHALL NOT BREAK OUT SECTIONS TO SUB-CONTRACTORS OR VENDORS.
11. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK OF ALL TRADES TO INSURE A USABLE & FUNCTIONAL END PRODUCT. ANY CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CLARIFIED BY THE ARCHITECT/ENGINEER. IF NO CLARIFICATION IS ISSUED THE BIDDER SHALL BID THE MOST STRINGENT PRODUCT OR APPLICATION.
12. IF DISCREPANCIES ARE ENCOUNTERED BETWEEN THE DRAWINGS, DIAGRAMS, DESCRIPTIONS, NOTES, SYMBOLS, AND/OR SPECIFICATIONS, THE MOST STRINGENT PRODUCT OR APPLICATION APPLIES IN ALL CASES. IF A COMPONENT, SYSTEM, EQUIPMENT, POINT, PROGRAM, ETC. IS LISTED IN ONE DOCUMENT BUT NOT ANOTHER, OR IF IT IS NECESSARY FOR THE OPERATION, IT SHALL BE PROVIDED AND INSTALLED.
13. THIS ENGINEER SHALL NOT BE HELD LIABLE FOR COSTS ASSOCIATED WITH ERRORS AND/OR OMISSIONS ON THESE DOCUMENTS IN EXCESS OF THE COST AND/OR TIME FOR THIS ENGINEER TO CORRECT THE DOCUMENTS. IN ANY CASE, THE LIMIT OF LIABILITY FOR THIS ENGINEER SHALL BE NO MORE THAN THE COST OF THIS ENGINEER'S INDIVIDUAL FEE, REGARDLESS OF THE TOTAL DESIGN FEE CHARGED FOR THE SET OF CONSTRUCTION DOCUMENTS.
14. TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL LIABILITY IN THE AGGREGATE, OF THIS ENGINEER AND THIS ENGINEER'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AND INDEPENDENT PROFESSIONAL ASSOCIATES, AND ANY OF THEM, TO OWNER AND ANY ONE CLAIMING BY, THROUGH OR UNDER OWNER, FOR ANY AND ALL INJURIES, CLAIMS, LOSSES, EXPENSES, OR DAMAGES WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATED TO THIS ENGINEER'S SERVICES, THE PROJECT OR THESE DOCUMENTS, FROM ANY CAUSE OR CAUSES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE NEGLIGENCE, ERRORS, OMISSIONS, STRICT LIABILITY, BREACH OF CONTRACT, MISREPRESENTATION, OR BREACH OF WARRANTY OF THIS ENGINEER, OR THIS ENGINEER'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS OR INDEPENDENT PROFESSIONAL ASSOCIATES, OR ANY OF THEM, SHALL NOT EXCEED THE TOTAL COMPENSATION RECEIVED BY THIS ENGINEER FOR SERVICES PROVIDED.
15. THE USE OF THESE DOCUMENTS FOR CONSTRUCTION SIGNIFIES THIS OWNER, TENANT, AND CONTRACTORS AGREEMENT WITH THE ABOVE REQUIREMENTS REGARDLESS OF ANY OTHER PRIOR, CURRENT, OR FUTURE AGREEMENT AND/OR CONTRACT.

B. DUCTWORK

1. ALL DUCT SIZES ON THE PLANS ARE CLEAR, INSIDE DIMENSIONS.
2. TURNING VANES SHALL BE INSTALLED IN ALL RECTANGULAR/SQUARE ELBOWS AND TEES 45° OR LARGER.
3. ALL INTERIOR AND EXTERIOR EXPOSED DUCTWORK SHALL BE SHEET METAL CONSTRUCTION. CONCEALED DUCTWORK MAY BE SHEET METAL OR FLEXIBLE CONSTRUCTION AS INDICATED.
4. ALL EXHAUST DUCTWORK SHALL BE SHEET METAL CONSTRUCTION. FLEXIBLE DUCTWORK IS NOT ACCEPTABLE.
5. ALL SHEET METAL DUCT CONNECTIONS TO ANY FAN POWERED EQUIPMENT SHALL BE MADE WITH FLEXIBLE DUCT CONNECTORS 3" MIN IN LENGTH.
6. LOW PRESSURE DUCTWORK (ALL EXHAUST, ALL RETURN, ALL OUTDOOR AIR, SUPPLY FOR RTU-4, RTU-5, RTU-6, RTU-7, OAU-1, OAU-2, OAU-3 OAU-4 AND DOWNSTREAM OF ALL VAV BOXES)
   a. ALL SUPPLY DUCTWORK, RETURN DUCTWORK, AND EXHAUST DUCTWORK SHALL BE CONSTRUCTED TO 2" WG PRESSURE CLASS STANDARDS AND SHALL CONFORM TO THE LATEST EDITIONS OF THE SMACNA DUCT CONSTRUCTION STANDARDS.
   b. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTION UNLESS OTHERWISE NOTED IN THIS SECTION. SHEET METAL GAUGE SHALL BE AS PER SMACNA DUCT CONSTRUCTION STANDARDS (28 GAUGE OR LESS DEPENDING ON SIZE AND SHAPE). 30 GAUGE OR HIGHER SHEET METAL DUCT IS NOT ACCEPTABLE.
   c. FLEXIBLE DUCTWORK
      c.1. WHERE CONCEALED, FLEXIBLE DUCTWORK MAY BE USED IN LIEU OF SHEET METAL CONSTRUCTION FOR THE FINAL CONNECTION TO SUPPLY AND RETURN CEILING GRILLES.
      c.2. FLEXIBLE DUCT CONNECTIONS SHALL BE NO GREATER THAN 6 FT IN LENGTH.
      c.3. FLEXIBLE DUCT SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE IN ACCORDANCE WITH THE PLANS AND SHALL HAVE NO KINKS OR DRASTIC BENDS.
   d. ALL ROUND SUPPLY BRANCH CONNECTIONS SHALL BE MADE AT 45°, WITH A BOOT TAP AND SQUARE (RECTANGULAR) TO ROUND TRANSITION, OR WITH A CONICAL CONNECTION. ALL SQUARE (RECTANGULAR) SUPPLY BRANCH CONNECTIONS SHALL BE MADE WITH BOOT TAPS. 90° STRAIGHT TAPS AND SQUARE (RECTANGULAR) TO ROUND TAPS ARE NOT ACCEPTABLE.
   e. ROUND MAIN DUCTS (601-2,000 FPM)
      e.1. ALL ROUND ELBOWS SHALL BE FULL RADIUS TYPE (THE CENTER LINE RADIUS OF DUCT SHALL BE 1.5 TIMES THE DIAMETER OF THE DUCT). 90° ELBOWS SHALL BE 5 GORE MINIMUM. 60° ELBOWS SHALL BE 4 GORE MINIMUM. 45° ELBOWS SHALL BE 3 GORE MINIMUM. 30° AND SMALLER ANGLE ELBOWS MAY BE 2 GORE. SMOOTH DIE STAMPED/PRESSED ELBOWS ARE ACCEPTABLE. PLEATED AND ADJUSTABLE ELBOWS ARE NOT ACCEPTABLE.
   f. ROUND BRANCH DUCTS (0-600 FPM)
      f.1. ROUND ELBOWS MAY BE SHORT RADIUS TYPE (THE CENTER LINE RADIUS OF DUCT SHALL BE 1 TIME THE DIAMETER OF THE DUCT). 90° ELBOWS SHALL BE 4 GORE MINIMUM. 60° ELBOWS SHALL BE 3 GORE MINIMUM. 45° AND SMALLER ANGLE ELBOWS MAY BE 2 GORE. SMOOTH DIE STAMPED/PRESSED ELBOWS ARE ACCEPTABLE IN CONCEALED AREAS AND/OR WHEN THE DUCT IS EXTERNALLY INSULATED. PLEATED AND ADJUSTABLE ELBOWS ARE NOT ACCEPTABLE.
   g. CONCEALED AND/OR EXTERNALLY INSULATED ROUND SHEET METAL DUCT MAY BE SPIRAL OR LONGITUDINAL SEAM. BUTT WELD, LAP WELD, OR GROOVED SEAM PIPE LOCK/FLAT LOCK IS ACCEPTABLE FOR LONGITUDINAL SEAMS. SNAPLOCK SEAMS SHALL ONLY BE USED FOR POSITIVE PRESSURE DUCT. EXPOSED ROUND AND OVAL SHEET METAL DUCT SHALL BE SPIRAL SEAM. EXPOSED ROUND AND OVAL SPIRAL SHEET METAL DUCT BRANCHES SHALL BE CONICAL TEES OR WYE FITTINGS AS DESIGNED. TAKEOFFS ARE NOT ACCEPTABLE.
   h. ALL EXTERNALLY INSULATED SHEET METAL DUCTWORK JOINTS SHALL BE SEALED AIRTIGHT WITH MASTIC AND TAPED OVER WITH DUCT TAPE. ALL INTERNALLY INSULATED SHEET METAL DUCTWORK JOINTS SHALL BE SEALED AIRTIGHT WITH MASTIC AND THE EXTERIOR SURFACE WIPED CLEAN TO PROVIDE A FINISHED APPEARANCE.
   i. ALL SQUARE AND RECTANGULAR VOLUME DAMPERS SHALL BE OPPOSED BLADE TYPE.
   j. VOLUME DAMPERS SHALL BE INSTALLED IN ALL BRANCH DUCTWORK (DUCTWORK LEADING DIRECTLY TO AN OUTLET) WHETHER THEY ARE SHOWN IN PLAN OR NOT AND REGARDLESS OF WHETHER THE OUTLET GRILLE OR DIFFUSER IS SPECIFIED WITH A DAMPER. BRANCH VOLUME DAMPERS SHALL BE INSTALL A MINIMUM OF 3 DUCT DIAMETERS (OR 3 TIMES THE LARGEST DUCT DIMENSION) DOWNSTREAM OF THE NEAREST FITTING WHERE SPACE AND ACCESS ALLOWS.
   k. CONCEALED DUCTWORK SHALL BE BRIGHT FINISH GALVANIZED STEEL. EXPOSED DUCTWORK SHALL BE PAINT GRIP FINISH GALVANIZED STEEL SUITABLE FOR FIELD PAINTING.
   l. EXTERIOR DUCTWORK SHALL BE PAINTED WITH A RUST PREVENTATIVE PRIMER AND TWO TOPCOATS OF FINISH PAINT. ROOFTOP DUCTWORK SHALL BE PAINTED BRIGHT WHITE.
   m. EXTERIOR DUCTWORK SHALL BE SLOPED SO THAT WATER DOES NOT STAND ON DUCT.
7. MEDIUM PRESSURE DUCTWORK (SUPPLY UPSTREAM OF ALL VAV BOXES)
   a. ALL DUCTWORK UPSTREAM OF VAV BOXES SHALL BE CONSTRUCTED TO 4" WG PRESSURE CLASS STANDARDS AND SHALL CONFORM TO THE LATEST EDITIONS OF THE SMACNA DUCT CONSTRUCTION STANDARDS.
   b. ALL SUPPLY DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTION. SHEET METAL GAUGE SHALL BE AS PER SMACNA DUCT CONSTRUCTION STANDARDS (26 GAUGE OR LESS DEPENDING ON SIZE AND SHAPE). 28 GAUGE OR HIGHER SHEET METAL DUCT IS NOT ACCEPTABLE.
   c. ALL ROUND AND OVAL DUCT SHALL BE SPIRAL SEAM.
   d. ROUND AND OVAL SHEET METAL DUCT BRANCHES SHALL BE CONICAL TEES OR WYE FITTINGS AS DESIGNED. TAKEOFFS ARE NOT ACCEPTABLE.
   e. ALL ROUND SUPPLY BRANCH CONNECTIONS SHALL BE MADE AT 45°, WITH A BOOT TAP AND SQUARE (RECTANGULAR) TO ROUND TRANSITION, OR WITH A CONICAL CONNECTION. ALL SQUARE (RECTANGULAR) SUPPLY BRANCH CONNECTIONS SHALL BE MADE WITH BOOT TAPS. 90° STRAIGHT TAPS AND SQUARE (RECTANGULAR) TO ROUND TAPS ARE NOT ACCEPTABLE.
   f. ALL ROUND AND OVAL ELBOWS SHALL BE FULL RADIUS TYPE (THE CENTER LINE RADIUS OF DUCT SHALL BE 1.5 TIMES THE DIAMETER OF THE DUCT). 90° ELBOWS SHALL BE 5 GORE MINIMUM. 60° ELBOWS SHALL BE 4 GORE MINIMUM. 45° ELBOWS SHALL BE 3 GORE MINIMUM. 30° AND SMALLER ANGLE ELBOWS MAY BE 2 GORE. SMOOTH DIE STAMPED/PRESSED ELBOWS ARE ACCEPTABLE. PLEATED AND ADJUSTABLE ELBOWS ARE NOT ACCEPTABLE.
   g. ALL EXTERNALLY INSULATED SHEET METAL DUCTWORK JOINTS SHALL BE SEALED AIRTIGHT WITH MASTIC AND TAPED OVER WITH DUCT TAPE. ALL INTERNALLY INSULATED SHEET METAL DUCTWORK JOINTS SHALL BE SEALED AIRTIGHT WITH MASTIC AND THE EXTERIOR SURFACE WIPED CLEAN TO PROVIDE A FINISHED APPEARANCE.
   h. CONCEALED DUCTWORK SHALL BE BRIGHT FINISH GALVANIZED STEEL. EXPOSED DUCTWORK SHALL BE PAINT GRIP FINISH GALVANIZED STEEL SUITABLE FOR FIELD PAINTING.
   i. EXTERIOR DUCTWORK SHALL BE PAINTED WITH A RUST PREVENTATIVE PRIMER AND TWO TOPCOATS OF FINISH PAINT. ROOFTOP DUCTWORK SHALL BE PAINTED BRIGHT WHITE.
   j. EXTERIOR DUCTWORK SHALL BE SLOPED SO THAT WATER DOES NOT STAND ON DUCT.

C. FIRE DAMPERS, SMOKE DAMPERS, AND COMBINATION FIRE/SMOKE DAMPERS

1. FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS, AND THEIR INSTALLATION SHALL CONFORM TO NFPA 80 AND NFPA 90A. SMOKE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS, AND THEIR INSTALLATION SHALL CONFORM TO NFPA 90A AND NFPA 105.
2. SMOKE AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE NC/PO WITH 120V/1PH ACTUATORS AND FACTORY MOUNTED NO-FLOW DUCT SMOKE DETECTORS. RECTANGULAR DAMPER BLADES SHALL BE AIRFOIL TYPE IN ACTIVE AIR SYSTEMS AND V-GROOVE TYPE IN PASSIVE SYSTEMS. SMOKE AND COMBINATION FIRE/SMOKE DAMPERS SHALL ACTIVATE (CLOSE) UPON DETECTION OF SMOKE. COMBINATION FIRE/SMOKE DAMPERS SHALL ALSO ACTIVATE (CLOSE) UPON DETECTION OF AIR TEMPERATURE 160°F OR HIGHER. COORDINATE POWER REQUIREMENTS, DAMPER POSITION MONITORING, ACTIVATION, REMOTE RESET, SMOKE DETECTOR INTEGRATION, CONTROL WIRING, ETC. WITH ELECTRICAL AND FIRE ALARM CONTRACTORS.
3. THE FIRE PROTECTION RATING FOR FIRE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE BASED UPON THE FIRE RESISTANCE RATING OF THE ASSEMBLY AT THE PROTECTED PENETRATION. DAMPERS AT PENETRATIONS OF LESS THAN 3 HOUR RATED ASSEMBLIES SHALL BE 1.5 HOUR RATED. DAMPERS AT PENETRATIONS OF 3 HOUR OR GREATER RATED ASSEMBLIES SHALL BE 3 HOUR RATED.
4. SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE LEAKAGE CLASS I OR CLASS II RATED.
5. RECTANGULAR FIRE DAMPERS SHALL BE OUT-OF-AIRSTREAM CURTAIN TYPE.
6. FIRE DAMPERS SHALL BE RATED FOR USE IN DYNAMIC SYSTEMS FOR ACTIVE AIR SYSTEM INSTALLATIONS AND RATED FOR USE IN STATIC SYSTEMS FOR PASSIVE AIR SYSTEM INSTALLATIONS.
7. DUCT ACCESS DOORS SHALL BE INSTALLED AT EACH FIRE, SMOKE, AND COMBINATION FIRE/SMOKE DAMPER IN A DUCTED SYSTEM. WHEN DAMPERS ARE NOT ACCESSIBLE FROM THE ATTIC, CEILING SPACE, OR OTHER AREA, ACCESS DOORS SHALL BE INSTALLED IN INACCESSIBLE CEILINGS OR WALLS AT EACH FIRE, SMOKE, AND COMBINATION FIRE/SMOKE DAMPERS. ACCESS OPENINGS SHALL BE PROVIDED, INSTALLED, LOCATED, AND SIZED TO PERMIT INSPECTION, TESTING, RE-SETTING, MAINTENANCE, ETC. OF ALL DAMPERS AND THEIR OPERATING PARTS. IN ANY CASE, ACCESS SHALL NOT BE LESS THAN 12 INCHES SQUARE. REMOVABLE DUCT SECTIONS MAY BE SUBSTITUTED FOR DUCT ACCESS DOORS. EACH ACCESS POINT (ACCESS DOOR, CEILING TILE, OPENING, ETC.) SHALL BE PERMANENTLY LABELED WITH MINIMUM 1 INCH HIGH LETTERS INDICATING "FIRE DAMPER", "SMOKE DAMPER", OR "FIRE/SMOKE DAMPER" AS APPROPRIATE. LABEL FIELD COLOR SHALL BE RED. LABEL LETTERS COLOR SHALL BE WHITE. ANY INSULATION OR OTHER COVERING SHALL ALSO BE LABELED AS INDICATED ABOVE AND SHALL BE EASILY REMOVABLE.

D. DUCT INSULATION

1. ALL SHEET METAL AND FLEXIBLE SUPPLY, RETURN, AND OUTDOOR AIR DUCTWORK SHALL BE INSULATED.
2. ALL INTERIOR AND EXTERIOR EXPOSED SUPPLY, RETURN, AND OUTDOOR AIR DUCTWORK SHALL BE SHEET METAL CONSTRUCTION AND SHALL BE INTERNALLY INSULATED.
3. ALL CONCEALED SHEET METAL AND FLEXIBLE SUPPLY, RETURN, AND OUTDOOR AIR DUCTWORK SHALL BE EXTERNALLY INSULATED, UNLESS INTERNALLY LINED.
4. ALL INSULATION LOCATED IN PLENUMS SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50.
5. INTERNAL DUCT INSULATION
   a. WHERE INDICATED ON THE PLANS, SHEET METAL DUCTWORK SHALL BE INTERNALLY LINED WITH INSULATION.
   b. WHEN INSTALLED IN FULLY CONDITIONED SPACES AND RETURN AIR PLENUMS WITHIN THE INSULATED AND/OR CONDITIONED ENVELOPE, INTERNAL INSULATION SHALL BE 1" THICK UNLESS OTHERWISE SPECIFIED.
   c. WHEN INSTALLED IN UNCONDITIONED SPACES OUTSIDE OF THE INSULATED AND/OR CONDITIONED ENVELOPE, INTERNAL INSULATION SHALL BE 1-1/2" THICK UNLESS OTHERWISE SPECIFIED.
   d. WHEN INSTALLED EXTERIOR TO THE BUILDING ENVELOPE, INTERNAL INSULATION SHALL BE 2" THICK UNLESS OTHERWISE SPECIFIED.
   e. THE FIRST 10'-0" OF RECTANGULAR/SQUARE SHEET METAL DUCT UPSTREAM OR DOWNSTREAM OF ANY FAN SHALL BE INTERNALLY INSULATED WHETHER OR NOT INDICATED IN PLAN.
   f. THE FIRST 10'-0" OF RECTANGULAR/SQUARE SHEET METAL DUCT DOWNSTREAM OF ANY VAV BOX SHALL BE INTERNALLY INSULATED WHETHER OR NOT INDICATED IN PLAN.
5. ALL SHEET METAL AND FLEXIBLE SUPPLY, RETURN, AND OUTDOOR AIR DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" THICK INSULATION (R-6.0), UNLESS INTERNALLY LINED, INCLUDING SUPPLY AND RETURN GRILLE COLLARS AND PANS. ALL JOINTS SHALL BE SEALED.

1. ALL INSULATION LOCATED IN PLENUMS SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50.

E. REFRIGERANT PIPING

1. ALL REFRIGERANT PIPING 1-3/8" AND SMALLER SHALL BE TYPE L-ACR OR TYPE K-ACR HARD DRAWN OR SOFT (AS INDICATED) COPPER UL RATED FOR 700 PSI AT 250°F AND CONFORMING TO ASTM STANDARD B280.
2. ALL REFRIGERANT PIPING LARGER THAN 1-3/8" AND 2-5/8" OR LESS SHALL BE TYPE K-ACR HARD DRAWN OR SOFT (AS INDICATED) COPPER UL RATED TO 700 PSI AT 250°F AND CONFORMING TO ASTM STANDARD B280.
3. ALL REFRIGERANT PIPE FITTINGS SHALL BE WROT COPPER UL RATED TO 700 PSI AT 250°F AND SHALL MEET ANSI/ASME STANDARD B16.22 AND NSF 61G.
4. ALL STRAIGHT RUNS OF REFRIGERANT PIPING SHALL BE SLOPED 1/8" PER FOOT MIN IN THE DIRECTION OF FLOW.
5. IF SOFT COPPER TUBING IS USED, IT SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE WITHOUT EXCESSIVE BENDS, KINKS, OR OTHER OBSTRUCTIONS.

I. THERMOSTATS SHALL BE DIGITAL DISPLAY AND SHALL BE COMPATIBLE WITH THE CONTROL SYSTEM.

J. A CERTIFIED TEST AND BALANCE SHALL BE PERFORMED BY A CERTIFIED, 3RD PARTY TEST AND BALANCE COMPANY.

1. AIR SYSTEMS
   1.1. INDIVIDUAL GRILLES, INLETS, AND OUTLETS SHALL BE BALANCED TO WITHIN 10% OF THE DESIGN AIR FLOWS AND UNITS AND FANS SHALL BE BALANCED TO WITHIN 5% OF THE DESIGN AIR FLOWS. THE TEST AND BALANCE SHALL INCLUDE ALL EXHAUST FANS, SUPPLY FANS, SUPPLY GRILLES, RETURN GRILLES, EXHAUST GRILLES, FAN COILS, PACKAGED ROOFTOP UNITS, AIR HANDLERS, OUTDOOR AIR INTAKES, ETC. BUILDING SHALL BE BALANCED POSITIVE OR NEUTRAL WITH ALL FANS OPERATING. NEGATIVE AIR BALANCE SHALL NOT BE ACCEPTABLE. THE TEST AND BALANCE REPORT SHALL BE PROVIDED TO THE OWNER AND THIS ENGINEER FOR REVIEW AND COMMENT.

K. ALL CONTROL COMPONENTS, ACCESSORIES, AND INTERCONNECTING WIRING SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR OR HIS CONTROLS SUBCONTRACTOR EXCEPT THAT ALL ASSOCIATED SMOKE AND FIRE ALARM WIRING SHALL BE PROVIDED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. 120V POWER SHALL BE BROUGHT TO CONTROL COMPONENTS AS NECESSARY BY THE ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH THE ELECTRICAL AND FIRE ALARM CONTRACTORS.

L. ALL LINE VOLTAGE (120V, 240V, 460V, ETC.) CONTROLS (SWITCHES, TIME CLOCKS, ETC.), ACCESSORIES, AND INTERCONNECTING WIRING SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR EXCEPT THAT ALL DAMPER ACTUATORS SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR OR HIS CONTROLS SUBCONTRACTOR. ALL LOW VOLTAGE (24V, ETC.) CONTROLS (THERMOSTATS, ETC.), ACCESSORIES, AND INTERCONNECTING WIRING SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR EXCEPT THAT ALL ASSOCIATED SMOKE AND FIRE ALARM WIRING SHALL BE PROVIDED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. COORDINATE ALL WORK WITH THE ELECTRICAL AND FIRE ALARM CONTRACTORS.

M. MOTORIZED DAMPER ACTUATORS SHALL BE 24V/1PH.

N. EXTERIOR WALL LOUVERS

1. EXTERIOR WALL LOUVERS SHALL BE GREENHECK MODEL EVH-660D OR APPROVED EQUAL. PROVIDE WITH CONTINUOUS MOUNTING ANGLES. PROVIDE WITH INTEGRAL FLANGE FOR ALL STUCCO, EIFS, MASONRY, AND OTHER FLAT EXTERIOR SURFACE CONSTRUCTION. PROVIDE WITH EXTENDED SILL, END DAMS, AND DRIP CAP FOR ALL CORRUGATED METAL EXTERIOR WALL PANEL CONSTRUCTION. PROVIDE INSECT SCREENS FOR ALL FOOD SERVICE INSTALLATIONS. PROVIDE BIRD SCREENS FOR ALL OTHER INSTALLATIONS. FASTEN AND SEAL AS PER THE MANUFACTURER'S INSTRUCTIONS. APPROVED EQUAL SHALL HAVE 17% MINIMUM FREE AREA FOR A 12"x12" LOUVER, SHALL MEET THE REQUIREMENTS OF AMCA STANDARD 540, AND SHALL COMPLY WITH AMCA STANDARD 550. PHYSICAL FINISH SAMPLES SHALL BE SUBMITTED TO THE ARCHITECT FOR SELECTION.
2. ALL BIRD SCREENS SHALL BE WIRE CONSTRUCTION WITH NO LESS THAN 75% FREE AREA. EXPANDED METAL BIRD SCREENS ARE NOT ACCEPTABLE.

O. REFRIGERANT SYSTEM TESTS

1. PRESSURE TEST
   a. INTERCONNECTING PIPING
      a.1. EVACUATE ALL REFRIGERANT FROM THE SYSTEM.
      a.2. ISOLATE THE COMPONENT INTERCONNECTING PIPING AND CHARGE WITH DRY, OXYGEN FREE NITROGEN (OFN) TO 1.3 TIMES THE MAXIMUM ALLOWABLE PRESSURE OF THE SYSTEM COMPONENTS. MAINTAIN PRESSURE FOR 12 HOURS. IF LOSS OF PRESSURE OCCURS, LOCATE AND REPAIR LEAKS AND REPEAT TEST PROCEDURE.
   b. ENTIRE SYSTEM
      b.1. EVACUATE ALL REFRIGERANT FROM THE SYSTEM.
      b.2. CHARGE SYSTEM WITH DRY OFN TO THE MAXIMUM ALLOWABLE PRESSURE OF THE SYSTEM COMPONENTS. MAINTAIN PRESSURE FOR 12 HOURS. IF LOSS OF PRESSURE OCCURS, LOCATE AND REPAIR LEAKS AND REPEAT TEST PROCEDURE.
2. VACUUM TEST
   a. FOLLOWING SUCCESSFUL PRESSURE TESTING, EVACUATE THE SYSTEM TO 1500 MICRON. BREAK THE VACUUM WITH DRY OFN TO 1 BAR. REPEAT ONCE.
   b. CONTINUOUSLY EVACUATE THE SYSTEM TO BETWEEN 300 MICRON AND 500 MICRON FOR A MINIMUM OF 1 HOUR. INSPECT VACUUM PUMP FOR SIGNS OF MOISTURE DISCHARGE. CONTINUE EVACUATION AND INSPECT AT 1 HOUR INTERVALS UNTIL MOISTURE IS NOT PRESENT.
   c. MAINTAIN VACUUM FOR FOR 12 HOURS. IF LOSS OF VACUUM OCCURS, REPEAT TEST PROCEDURE.
3. FOLLOWING SUCCESSFUL PRESSURE AND VACUUM TESTING, CHARGE SYSTEM WITH NEW REFRIGERANT. RECOVERED, RECYCLED, OR RECLAIMED REFRIGERANT SHALL BE TREATED TO REMOVE MOISTURE, OIL, ACID, AND PARTICULATE MATTER PRIOR TO USE.
4. DOCUMENT TESTING AND PROVIDE TO OWNER. INSPECTION BY LOCAL AUTHORITY MAY BE REQUIRED.

Q. CONDENSATE PIPING

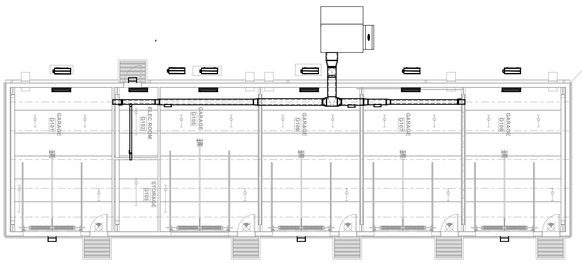
1. ALL CONDENSATE PIPING SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
2. MATERIAL
   a. INTERIOR CONDENSATE PIPING SHALL BE APPROVED, DWV SCHEDULE 40 PVC WITH PVC-DWV FITTINGS AND SOLVENT CEMENT JOINTS UNLESS OTHERWISE NOTED.
   b. EXTERIOR CONDENSATE PIPING SHALL BE APPROVED, SCHEDULE 80 PVC WITH SCHEDULE 80 PVC FITTINGS AND SOLVENT CEMENT JOINTS UNLESS OTHERWISE NOTED.
   c. WHEN NOTED AND/OR WHEN INSTALLED IN A RETURN AIR PLENUM CONDENSATE PIPING SHALL BE DWV SERVICE WEIGHT CAST IRON WITH CAST IRON-DWV FITTINGS AND GASKET OR LEAD AND OAKUM JOINTS. ALL PIPING SHALL BARE THE MARK OF THE CAST IRON SOIL PIPE INSTITUTE.
   d. WHEN NOTED AND/OR WHEN INSTALLED IN A RETURN AIR PLENUM CONDENSATE PIPING SHALL BE DWV COPPER WITH COPPER-DWV FITTINGS AND SOLDERED JOINTS.
3. SIZING-CONNECTED LOAD
   a. 2 TONS OR LESS=3/4"
   b. MORE THAN 2 TONS TO 5 TONS=1"
   c. MORE THAN 5 TONS TO 30 TONS=1-1/4"
4. MINIMUM SLOPE
   a. 2-1/2" OR LESS=1/4" PER FOOT
   b. 3" TO 5"=1/8" PER FOOT

R. DUCT ACCESS DOORS SHALL BE GASKETED.

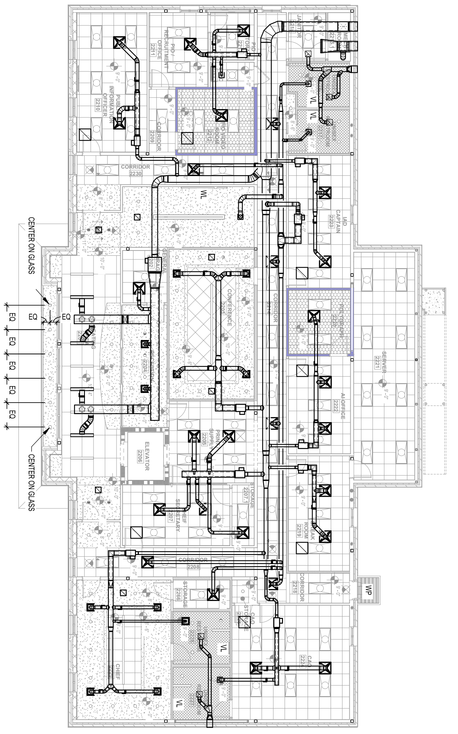
S. ALL PIPING SHALL BE LABELED IN ACCORDANCE WITH ASTM STANDARD A13.1. LABELS SHALL INCLUDE PIPING SERVICE (REFRIGERANT SUCTION, REFRIGERANT LIQUID, CONDENSATE, ETC.), SIZE, AND DIRECTION OF FLOW.

T. COORDINATE ALL REQUIRED WALL, FLOOR, CEILING, AND ROOF PENETRATION LOCATIONS AND SIZES WITH THE GC PR

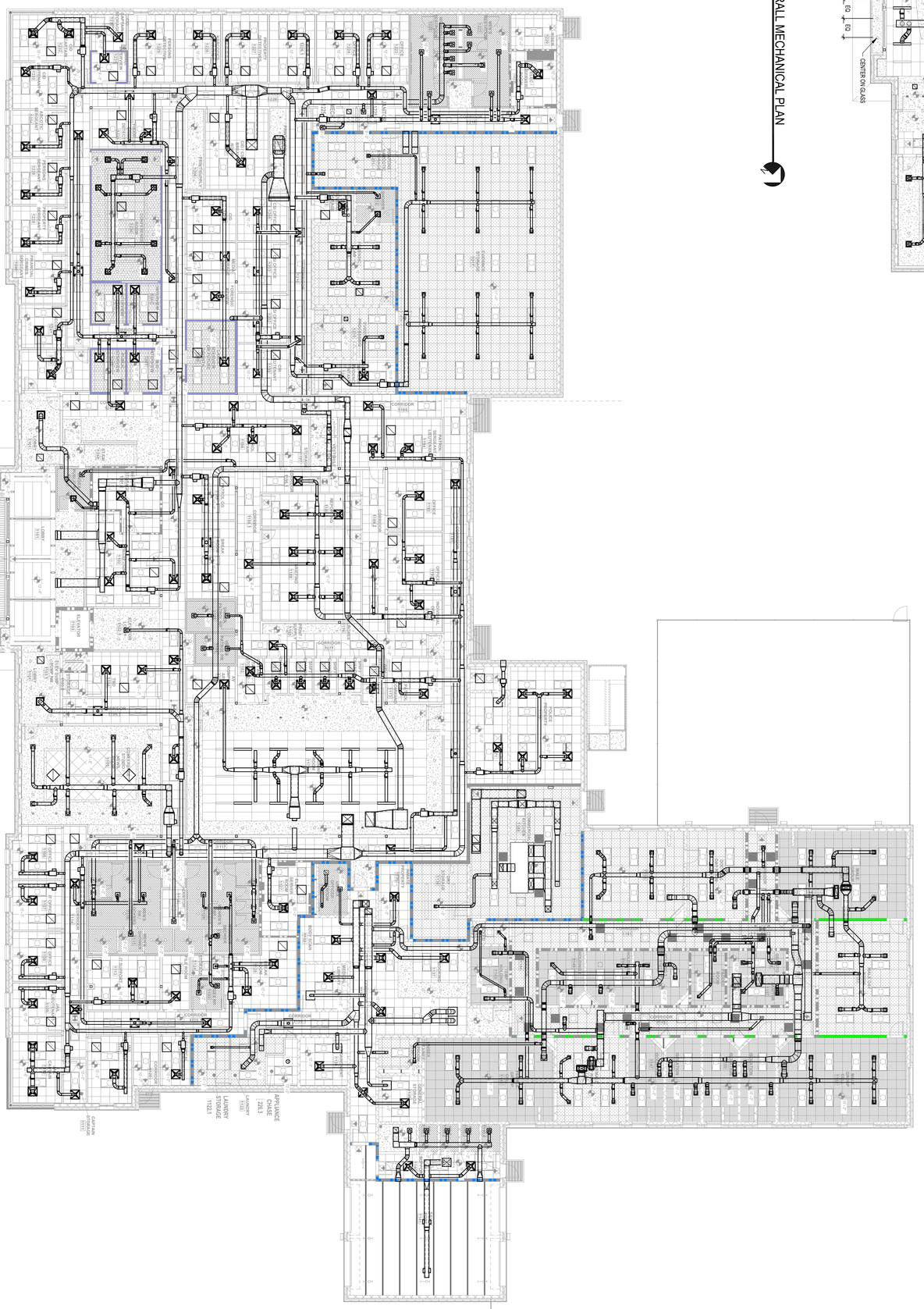
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3 OVERALL MECHANICAL PLAN SECTION D - ALTERNATE 1
SCALE: 3/32"=1'-0"



2 SECOND FLOOR OVERALL MECHANICAL PLAN
SCALE: 3/32"=1'-0"



1 FIRST FLOOR OVERALL MECHANICAL PLAN
SCALE: 3/32"=1'-0"

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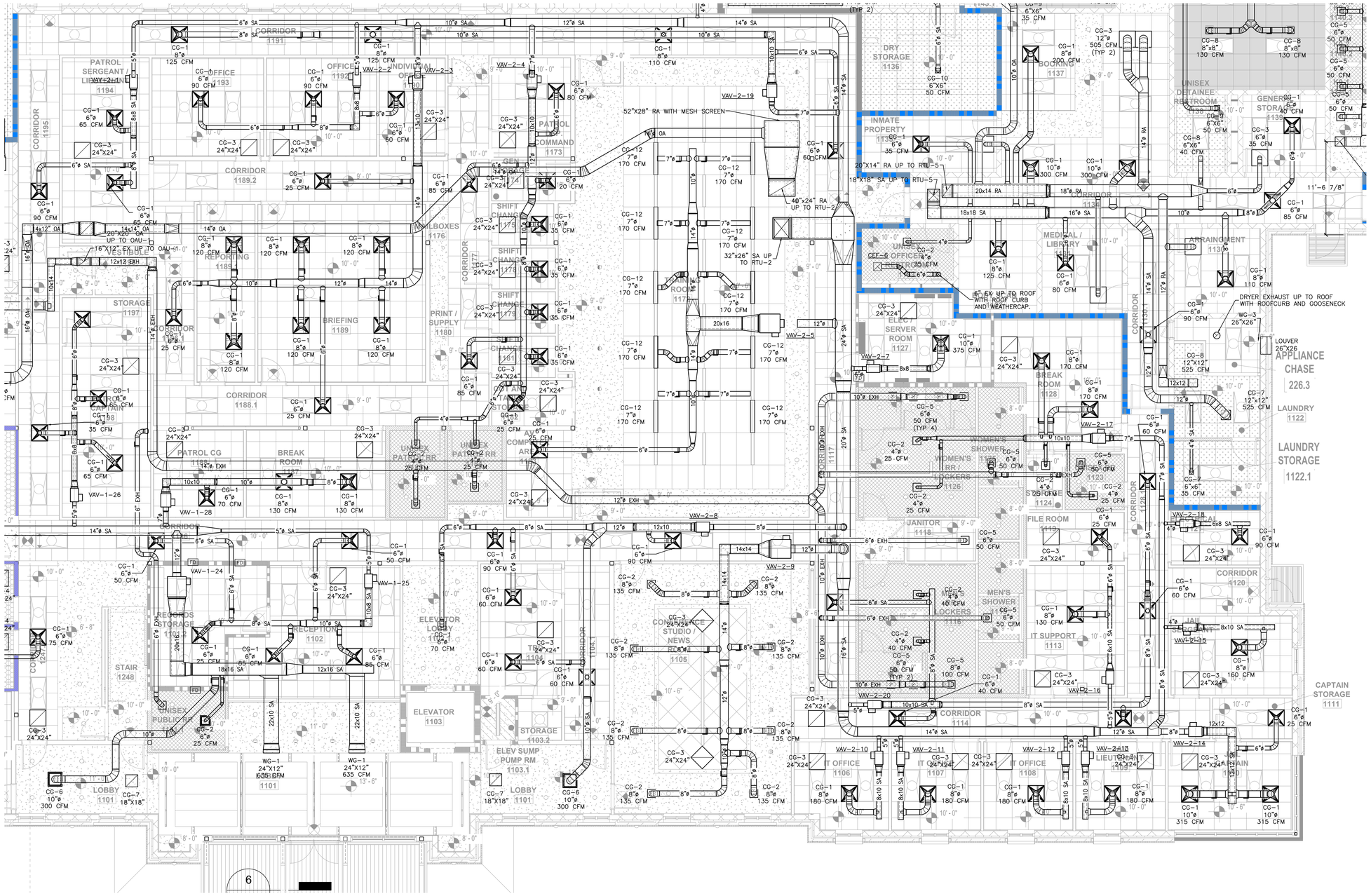
OVERALL MECHANICAL PLANS

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

04.07.26

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1 ENLARGED MECHANICAL PLAN - SECTION A
SCALE: 3/16"=1'-0"

KEY PLAN

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NOTES:
1. BALANCING DAMPERS ABOVE SECURITY CEILING SHALL BE REMOTE OPERATED. ACTUATOR WALL PLATES SHALL BE LOCATED TO NEAREST UTILITY CLOSET. WALL PLATES SHALL BE LABELED TO IDENTIFY ASSOCIATED DAMPER AND ARRANGED IN A NEATLY MANNER.
2. SURFACE MOUNTED SECURITY DIFFUSERS AND GRILLES SHALL BE CENTERED ON CEILING SECURITY PANELS.

1 ENLARGED MECHANICAL PLAN - SECTION B
SCALE: 3/16"=1'-0"

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ENLARGED MECHANICAL PLANS - SECTION C & D

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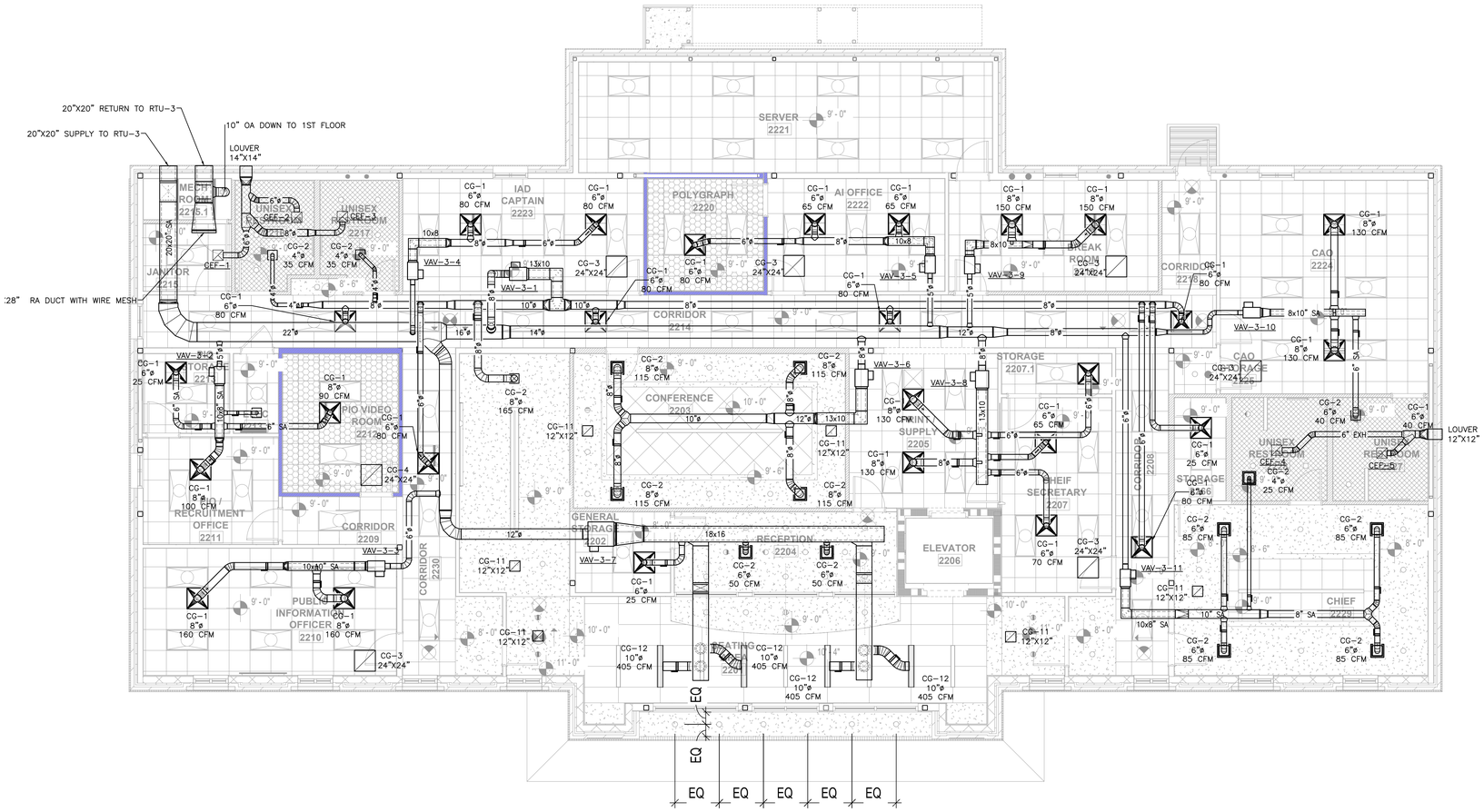
NOTES:
1. BALANCING DAMPERS ABOVE SECURITY AND OTHER ACCESSIBLE CEILINGS SHALL BE OPPOSED BLADE OPERATED. ACTUATOR WALL PLATES SHALL BE LOCATED TO NEAREST ELECTRICAL/IT/JANITOR ROOMS. WALL PLATES SHALL BE LABELED TO MATCH THE ASSOCIATED DAMPER AND ARRANGED IN A NEAT ORGANIZED MANNER.
2. ALL EXPOSED SECURITY DIFFUSERS AND GRILLES SHALL BE CENTERED ON CEILING SECURITY PANELS.

KEY PLAN

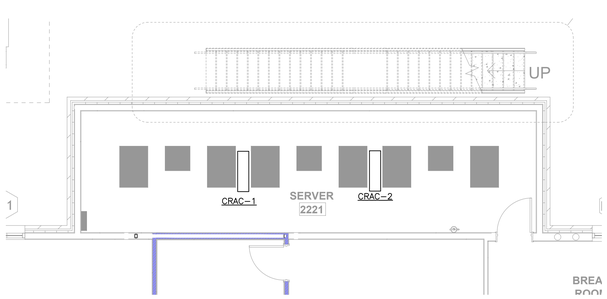
1 ENLARGED MECHANICAL PLAN - SECTION C
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2 ENLARGED MECHANICAL PLAN - SECTION D (ALTERNATE 1)
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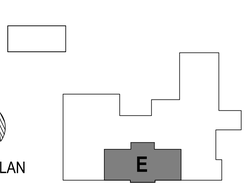
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1 ENLARGED MECHANICAL PLAN - SECTION E
SCALE: 3/16"=1'-0"



2 ENLARGED MECHANICAL PLAN - SECTION E (SERVER ROOM)
SCALE: 3/16"=1'-0"



KEY PLAN

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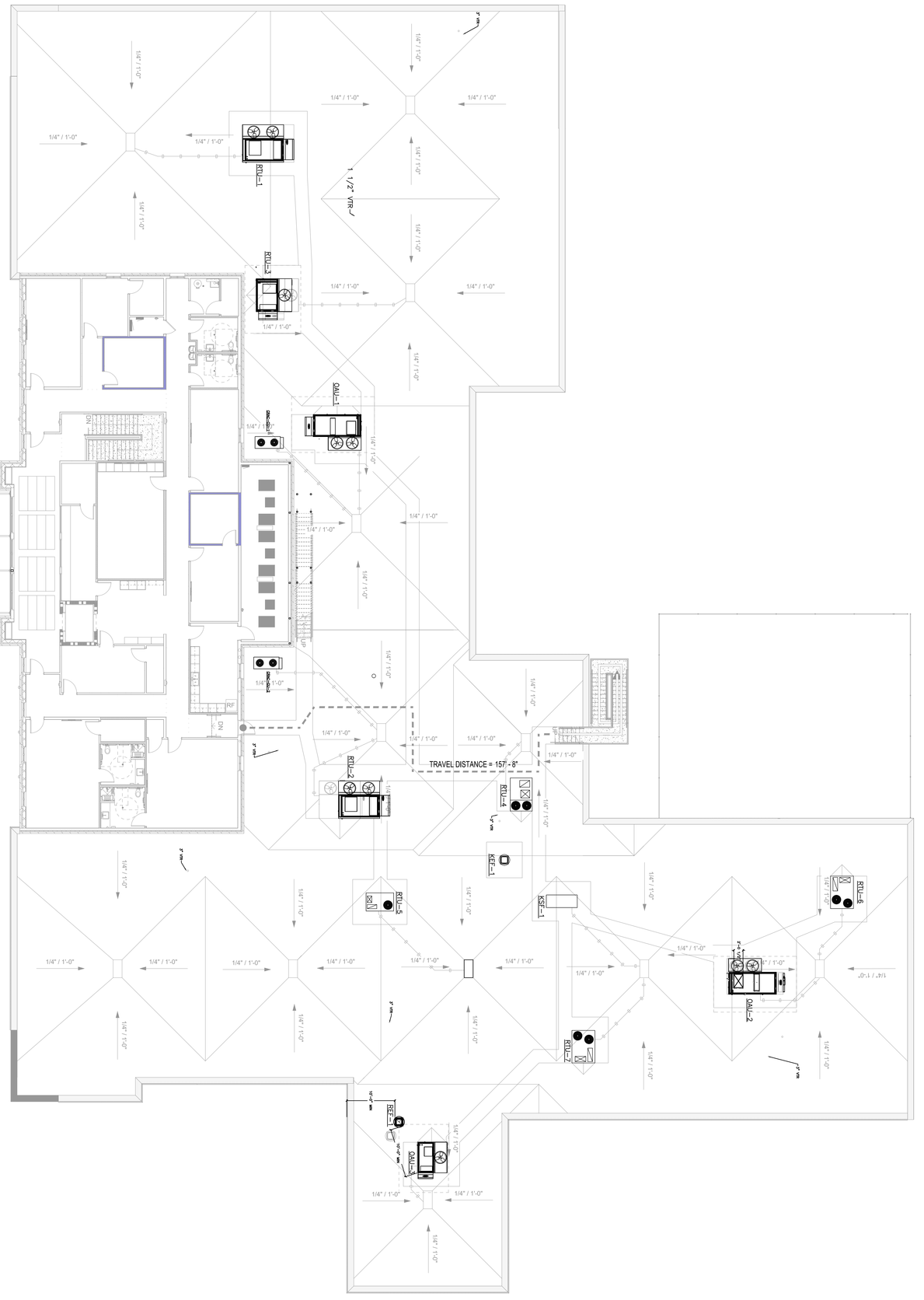
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1 MECHANICAL ROOF PLAN
SCALE: 3/32"=1'-0"

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M105

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

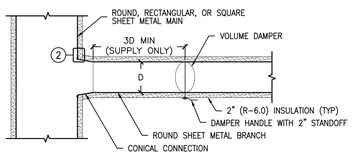
MECHANICAL ROOF PLAN

SCALE: 3/32"=1'0"
PROJECT NO: 0315.23.001
DRAWN BY: MAB
CHECKED BY: JMV

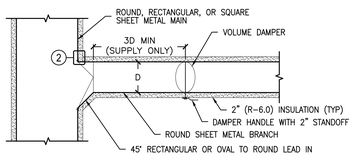
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

JOHN MICAH VAN SLOOTEN 036 LICENSED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI
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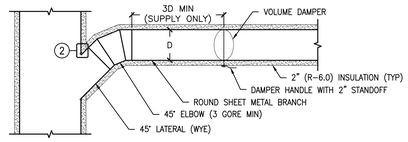


OPTION 1–CONICAL CONNECTION



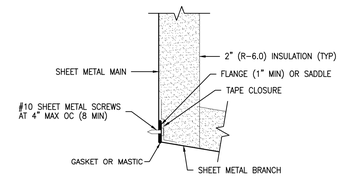
OPTION 2–45° LEAD IN CONNECTION

NOTE:
NO OTHER FITTINGS ARE ACCEPTABLE UNLESS THEY ARE SUBMITTED TO AND APPROVED BY THE ENGINEER

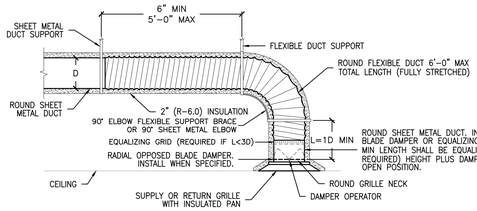


OPTION 3–45° LATERAL CONNECTION

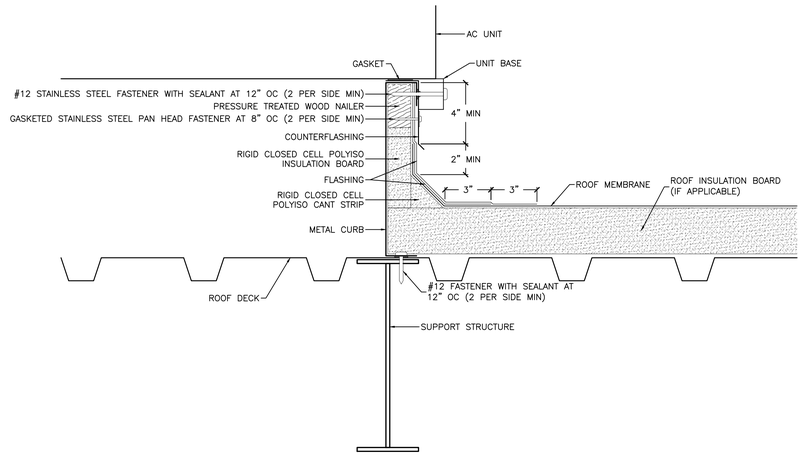
1 SHEET METAL DUCT BRANCH CONNECTION OPTIONS
SCALE: NTS



2 SHEET METAL DUCT BRANCH CONNECTION DETAIL
SCALE: NTS



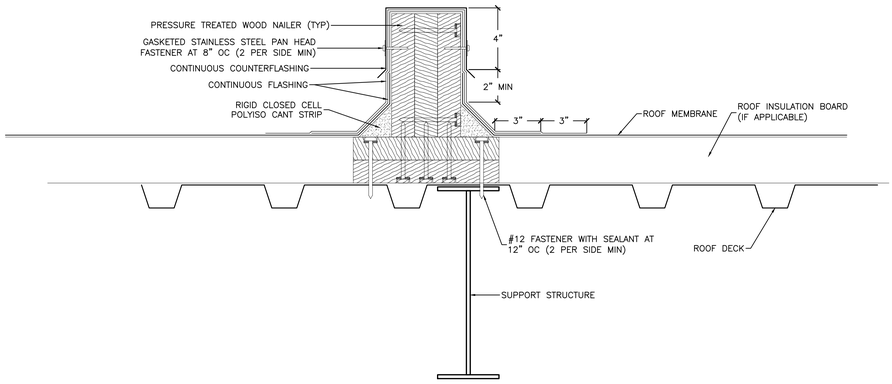
3 BRANCH DUCT TERMINATION DETAILS
SCALE: NTS



NOTE:

1. THE CONSTRUCTION SHOWN REPRESENTS THE MINIMUM REQUIREMENTS FOR THIS PROJECT. IT IS NOT A SUBSTITUTE FOR THE ROOFING SYSTEM MANUFACTURER'S INSTALLATION STANDARDS OR THE ROOFING CONTRACTOR'S STANDARDS. ALL WORK SHALL BE FULLY COORDINATED WITH THE ROOFING CONTRACTOR AND SHALL BE PERFORMED IN A MANNER THAT WILL NOT AFFECT ANY NEW OR EXISTING ROOF WARRANTY.
2. THE AC UNIT SHALL NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED
3. SEE VIBRATION ISOLATION CURB INSTALLATION DETAILS FOR VIBRATION ISOLATION CURBS

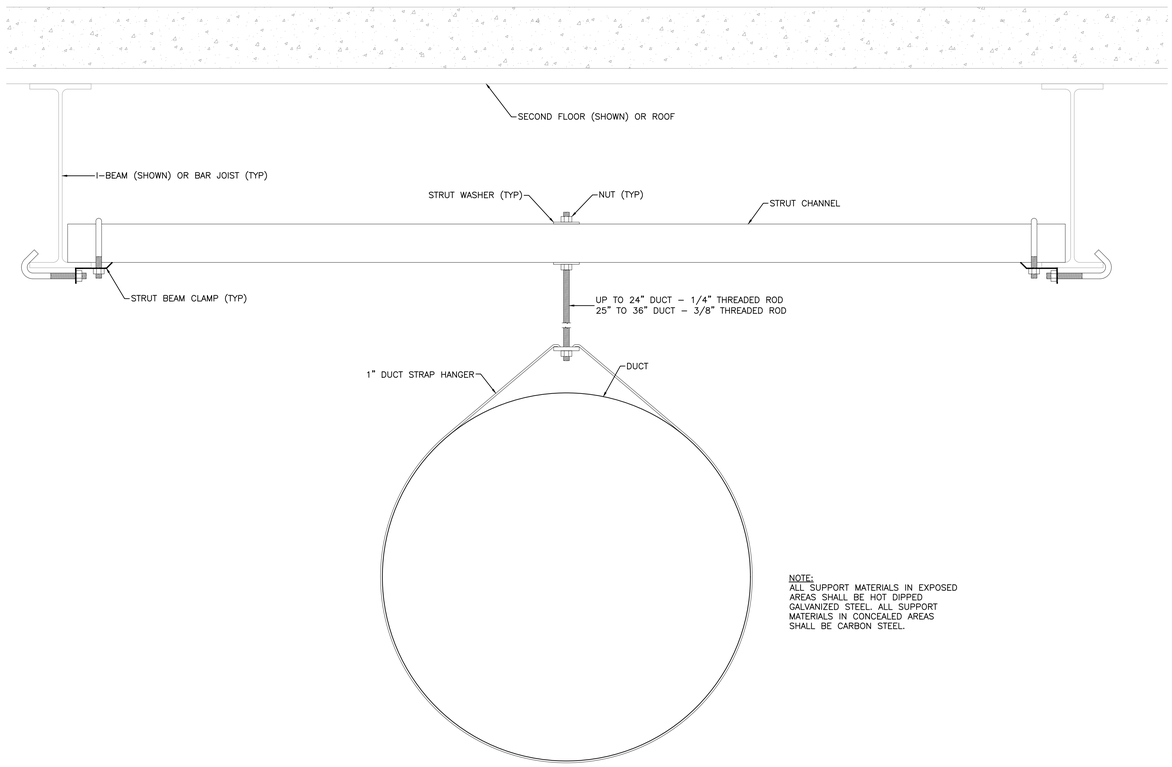
4 STANDARD ROOF CURB DETAIL
SCALE: NTS



NOTE:

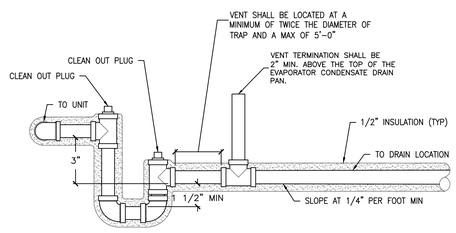
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2. THE EQUIPMENT SHALL NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED

5 ROOF EQUIPMENT SUPPORT DETAIL
SCALE: NTS

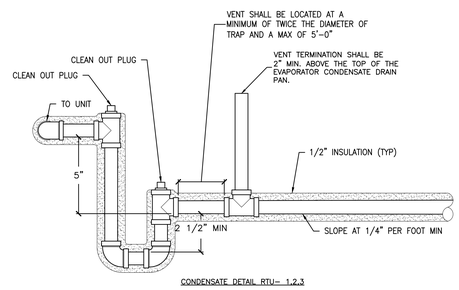


NOTE:
ALL SUPPORT MATERIALS IN EXPOSED AREAS SHALL BE HOT DIPPED GALVANIZED STEEL. ALL SUPPORT MATERIALS IN CONCEALED AREAS SHALL BE CARBON STEEL.

6 DUCT HANGING DETAIL (DUCT PARALLEL TO STRUCTURE) - UP TO 36" DUCT
SCALE: 3"=1'-0"



CONDENSATE DETAIL (2" TSP OR LESS)



CONDENSATE DETAIL RTU– 1,2,3

7 CONDENSATE DRAIN DETAIL
SCALE: NTS

DESIGN GROUP
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P: 228.388.1950
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911 ROBERT BLVD, SLIDELL LA 70458

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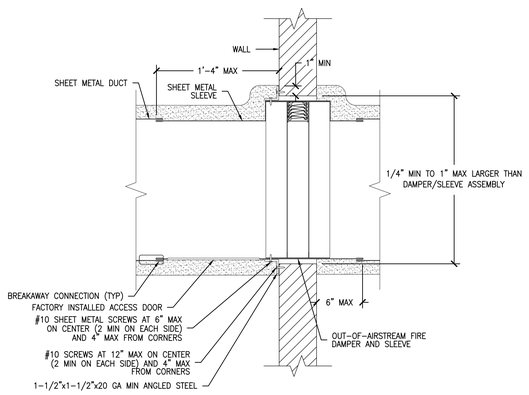
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MECHANICAL DETAILS

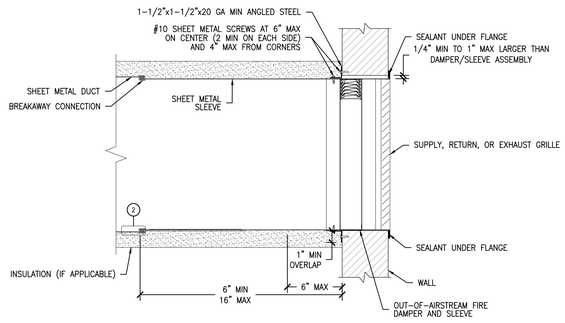
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1 FIRE DAMPER DETAIL
SCALE: NTS



2 FIRE DAMPER AT GRILLE DETAIL
SCALE: NTS

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04.07.26

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OUTDOOR AIR HANDLING UNIT SCHEDULE

TAG	MAKE	MODEL	SUPPLY CFM	SUPPLY ESP	EXHAUST CFM	EXHAUST ESP	GAS HEAT MBH	AUX ELEC HEAT KW	HEAT RECOVERY WHEEL (COOLING)								HEAT RECOVERY WHEEL (HEATING)				DIRECT EXPANSION COOLING COIL						GAS HEAT SECTION					HOT GAS REHEAT COIL					V/PH	SUPPLY HP	EXHAUST HP	FLA	MCA	MOCP	ISMRE	LBS	NOTES
									OUTDOOR AIR				EXHAUST				OUTDOOR AIR		EXHAUST		MBH (NET TOTAL)	MBH (NET SEN)	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	MBH	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	MBH	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)								
									EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	EAT (DB)	LAT (DB)	EAT (DB)	LAT (DB)																							
OAU-1	AAON	RNA-013-B-A-3-GAB0B	2215	1.5	1250	.75	158	–	95.0	80.0	83.7	74.0	72.0	61.2	91.9	73.8	33.0	53.0	75.0	42.2	153.0	70.8	83.7	74.0	50.9	50.9	158.0	53.0	46.7	118.4	70.8	49.3	53.5	52.0	72.0	59.4	460/3	3	1	31	34	40	5.6	2675	1,2,3,4,5,6,7,8,9,10,11,12,13,17
OAU-2	AAON	RNA-015-B-A-3-GAB0B	3500	1.5	3105	.75	158	–	95.0	80.0	80	71.0	72.0	61.2	88.8	73.2	33.0	60.0	75.0	44.8	175.7	86.8	80.0	71.0	53.8	53.7	158.0	60.9	51.9	101.3	66.4	68.1	56.7	54.9	72.0	60.7	460/3	5	2	41	44	50	5.6	2719	1,2,3,4,5,6,7,8,9,10,11,12,13,17
OAU-3	AAON	RNA-008-A-A-3-GAB0A	1205	1.5	–	–	72.9	–	–	–	–	–	–	–	–	–	–	–	–	–	94.6	47.8	95.0	80.5	58.3	57.4	72.9	20.0	20.0	75.8	50.7	22.7	58.3	57.4	72.0	63.4	460/3	1	–	18	21	30	5.2	1215	1,2,3,4,7,8,9,10,11,12,13,14
OAU-4	AAON	RNA-013-B-A-3-GJB0B	1800	1.5	–	–	–	30	–	–	–	–	–	–	–	–	–	–	–	–	159.4	75.8	95.0	80.5	54.7	53.6	–	–	–	–	–	40.9	54.7	53.6	72.0	61.3	460/3	2.0	–	65	77	80	5.5	1972	1,2,3,4,7,8,9,10,11,12,13,14,16

1 WITH VARIABLE CAPACITY SCROLL COMPRESSOR
2 WITH HIGH TURNDOWN MODULATING GAS HEAT
3 WITH STAINLESS STEEL HEAT EXCHANGER
4 WITH HINGED ACCESS DOORS AND LOCKABLE PANEL
5 WITH VFD SUPPLY AND EXHAUST FANS
6 WITH ECONOMIZER AND ALUMINUM ENERGY RECOVERY WHEEL
7 WITH MERV 13 FILTERS
8 WITH MODULATING HOT GAS REHEAT
9 WITH BACNET INTEGRATION
10 WITH DOUBLE WALL FOAM INSULATED CABINET
11 WTH COATED COILS SUITABLE FOR COASTAL ENVIRONMENTS
12 WITH 14" ROOF CURB
13 WITH ROOFTOP SYSTEM SECURITY BARS
14 WITH SUPPLY VFD FAN
15 WITH MOTORIZED OUTSIDE AIR DAMPER
16 ALTERNATE 2

ROOF TOP AIR HANDLING UNIT SCHEDULE

TAG	MAKE	MODEL	SUPPLY CFM	OA	ESP	DIRECT EXPANSION COOLING COIL						GAS HEATING SECTION			V/PH	SUPPLY FAN HP	SUPPLY FAN FLA	CONDENSER FAN FLA	COMPRESSOR RLA	COMPRESSOR LRA	MCA	MOCP	LBS	EER EER2	IEER SEER2	NOTES
						MBH (NET TOTAL)	MBH (NET SENSIBLE)	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	MBH (T)	EAT (DB)	LAT (DB)												
RTU-1	AAON	RNA-018-C-A-3-GAB0B	9750	885	3.6	198.9	177	72.9	60.4	52.3	51.8	–	–	–	460/3	15.0	21.0	(2) 1.8	(2) 13.5	–	57	70	2611	12.15	15.97	1,2,3,4,5,6,7,8,9,10,11,12,13,15
RTU-2	AAON	RNA-018-C-A-3-GAB0B	9005	940	3.6	199.0	159.1	73.0	61.9	53.1	52.7	–	–	–	460/3	15.0	21.0	(2) 1.8	(2) 13.5	–	57	70	2611	12.15	15.97	1,2,3,4,5,6,7,8,9,10,11,12,13,15
RTU-3	AAON	RNA-011-B-A-3-GAB0B	4865	390	3.6	107.7	98.6	73.0	60.8	52.3	52.0	–	–	–	460/3	7.5	11.0	1.6	7.7	–	32	40	1688	14.11	18.72	1,2,3,4,5,6,7,8,9,10,11,12,15,16,22
RTU-4	JOHNSON CONTROLS	KB102S12R4HABCE5B1	2815	450	2.0	101.0	59.7	74.6	64.8	55.0	52.7	100	70.0	101.9	460/3	3.0	6.1	(2) 2.2	6.8, 6.4	61.8, 50	24.2	30	1234	12.4	16.00	3,5,6,8,9,11,12,13,14,15,17,18,19,20,21,23
RTU-5	JOHNSON CONTROLS	KLG06R4C3EB5A114A1	2120	275	2.0	62.7	41.7	71.0	60.7	52.0	50	70	70.0	94.4	460/3	2.0	3.15	1.6	6.3	58.0	15.6	20	658	12.00	15.2	3,5,6,8,9,11,12,13,14,15,17,18,19,20,21
RTU-6	JOHNSON CONTROLS	KT078S12R4AACA5A1	2275	1375	2.0	68.2	39.1	71.0	61.1	52.2	49.0	120	70.0	110.1	460/3	2.9	4.6	(4) 1.6	(2) 4.8	(2) 44.3	21.8	25	1283	12.8	21.2	3,5,6,8,9,11,12,13,14,15,17,18,19,20,21
RTU-7	JOHNSON CONTROLS	KJ090S12R4AAAC45A1	2675	1850	2.0	88.8	54.6	71.0	61.1	52.1	49.0	120	70.0	103.6	460/3	3.0	6.1	(2) 1.6	(2) 5.8	(2) 50.0	22.4	25	1155	12.2	15.8	3,5,6,8,9,11,12,13,14,15,17,18,19,20,21

1 WITH VARIABLE CAPACITY SCROLL COMPRESSORS
2 WITH HINGES ACCESS DOORS AND PANEL
3 WITH VERTICAL CONFIGURATION
4 WITH VFD SUPPLY FAN
5 WITH MERV 13 FILTERS
6 WITH SINGLE POINT POWER CONNECTIONS
7 WITH VAV CONTROLLER
8 WITH BACNET INTEGRATION
9 WITH COATED COILS SUITABLE FOR COASTAL ENVIRONMENTS
10 WITH DOUBLE WALL FOAM INSULATED CABINET
11 WITH SUPPLY AND RETURN TEMP SENSORS
12 WITH FIELD WIRED 115V CONVENIENCE OUTLET
13 WITH ROOF CURB
14 WITH ROOFTOP SYSTEM SECURITY BARS
15 WITH RETURN SMOKE DETECTOR
16 WITH HORIZONTAL CONFIGURATION – END SUPPLY, END RETURN
17 WITH 2 STAGE STAINLESS STEEL GAS HEATER
18 WITH HINGED CABINET DOORS & LOUVERED PANELS
19 WITH LOW AMBIENT COOLING
20 WITH SUPPLY, RETURN AND OUTDOOR AIR TEMP SENSORS
21 WITH CONDENSATE OVERFLOW SWITCH
22 WITH HORIZONTAL DISCHARGE ROOF CURB
23 WITH HOT GAS REHEAT

COMPUTER ROOM AIR HANDLER SCHEDULE

TAG	MAKE	MODEL	CFM	COOLING (KW)	LIQUID LINE (IN)	SUCTION LINE (IN)	V/PH	COMPRESSOR RLA	COMPRESSOR LRA	FAN FLA	MCA	MOCP	LBS	NOTES
CRAC-1	STULZ	CRS-084-AR	2900	24	5/8	5/8	460/3	13.0	100.0	(3) 1.7	18.7	30	480	1,2,3,4,5,6
CRAC-2	STULZ	CRS-084-AR	2900	24	7/8	1-1/8	460/3	13.0	100.0	(3) 1.7	18.7	30	480	1,2,3,4,5,6

1 WITH REMOTE CONDENSER
2 WITH LOW AMBIENT COOLING
3 WITH CONDENSATE PUMP
4 WITH SMOKE DETECTION
5 WITH BACNET GATEWAY
6 OPEN AISLE CONFIGURATION
7 WITH MERV 8 FILTERS
8 COORDINATE INSTALLATION WITH OWNER

COMPUTER ROOM CONDENSER SCHEDULE

TAG	MAKE	MODEL	HEAT REJECTION MBH	LIQUID LINE (IN)	SUCTION LINE (IN)	V/PH	FAN FLA	MCA	MFA	LBS	NOTES
CRAC-CU-1	STULZ	SCS-144-SSA	152	7/8	1-1/8	460/3	2.3, 1.6	4.9	15	92	1,2,3
CRAC-CU-1	STULZ	SCS-144-SSA	152	7/8	1-1/8	460/3	2.3, 1.6	4.9	15	92	1,2,3

1 WITH NON-FUSED DISCONNECT
2 WITH LOW AMBIENT CONTROL
3 WITH BACNET CONTROL INTERFACE

HOOD SCHEDULE

TAG	MAKE	MODEL	LENGTH	DEPTH	HEIGHT	EXHAUST SECTION 1			SUPPLY SECTION 2			SUPPLY SECTION 1			SUPPLY SECTION 2			NOTES
						CFM	SIZE	SP	CFM	SIZE	SP	CFM	SIZE	SP	CFM	SIZE	SP	
H-1	GREENHECK	GXEW	135"	48"	24"	2216	21X10	0.474	1773	30X12	0.01	1244	(3) 24x4	0.09	1905	(3) 24x4	0.21	1,2,3,4,5,6,7,8,9,10,11

1 WITH FIRE SUPPRESSION SYSTEM
2 WITH TEMPERATURE INTERLOCK
3 WITH UL 710 LISTING LABEL FOR SPECIFIED AIRFLOWS
4 WITH GKC-CV AND HOOD MOUNTED TOUCH SCREEN INTERFACE
5 WITH LIGHT AND LIGHT SWITCH
6 WITH EXTERNAL SUPPLY PLENUM
7 WITH BAFFLE FILTERS
8 WITH FACTORY MOUNTED EXHAUST COLLARS
9 WITH FACTORY MOUNTED SUPPLY COLLARS
10 WITH CEILING ENCLOSURE

SUPPLY FAN SCHEDULE

TAG	MAKE	MODEL	CFM	TSP	RPM	HP	V/PH	LBS	NOTES
KSF-1	GREENHECK	MSX-P112-H12-MF	1775	0.6	1680	1/2	208/1	613	1,2,3,4,5,6,7,8,9,10,11,12

1 WITH 2" ALUMINUM FILTERS
2 WIRE THROUGH HOOD SWITCH & TEMPERATURE INTERLOCK
3 WITH GALVANIZED ROOF CURB
4 WITH MOTORIZED BACKDRAFT DAMPER
5 WITH END INTAKE AND BOTTOM DISCHARGE ARRANGEMENT
6 WITH GALVANIZED HOUSING
7 WITH INTEGRAL DISCONNECT
8 WITH INTAKE WEATHER HOOD WITH FILTERS
9 NO COOLING
10 NO HEAT

EXHAUST FAN SCHEDULE

TAG	MAKE	MODEL	CFM	TSP	RPM	HP	V/PH	FLA	NOTES
KEF-1	GREENHECK	CUE-140-VG	2216	0.724	1495	3/4	115/1	8.8	1,2,3,4,5,6,7,8,9,10,11,12
REF-1	GREENHECK	CUE-140-VG	1205	.35	946	1/4	115/1	3.8	1,7,11,13
IEF-1	GREENHECK	CSP-A390-VG	170	.25	915	N/A	115/1	1.5	

1 WITH ROOF CURB
2 WIRE THROUGH HOOD SWITCH AND TEMPERATURE INTERLOCK
3 WITH NON-STICK WHEEL
4 WITH WEATHERPROOF DISCONNECT SWITCH
5 WITH UL762 LISTING FOR GREASE REMOVAL
6 WITH CURB SEAL
7 WITH HIGH WIND AND HURRICANE DUTY CONSTRUCTION
8 WITH GREASE TRAP AND ABSORBENT
9 WITH CLEAN-OUT PORT
10 WITH ECM MOTOR W/MOUNTED SPEED DIAL
11 WITH HINGED CURB KIT
12 INTERLOCK WITH RTU-4
13 WITH ALUMINUM GRAVITY BACKDRAFT DAMPER
14 PROVIDED AND INSTALLED BY MC
15 WITH ECM MOTOR
16 WIRE FOR 24-HR OPERATION

CEILING EXHAUST FAN SCHEDULE

TAG	MAKE	MODEL	CFM	TSP	RPM	V/PH	FLA	LBS	NOTES
CEF-1	GREENHECK	SPL0511-1	50	.25	685	115/1	.29	8	1,2
CEF-2	GREENHECK	SPL0511-1	50	.25	685	115/1	.29	8	1,2
CEF-3	GREENHECK	SPL0511-1	50	.25	685	115/1	.29	8	1,3
CEF-4	GREENHECK	SPL0511-1	80	.25	817	115/1	.29	8	1,2
CEF-5	GREENHECK	SPL0511-1	80	.25	817	115/1	.29	8	1,2
CEF-6	GREENHECK	SPL0511-1	50	.25	685	115/1	.29	8	1,2

1 WITH EMC MOTOR
2 WIRE THROUGH CEILING MOUNTED OCCUPANCY SENSOR
3 WIRE FOR CONTINUOUS OPERATION

ELECTRIC HEATER SCHEDULE

TAG	MAKE	MODEL	KW	V/PH	LBS	NOTES
EH-1	REZNOR	ECH	2	208/1	2	1,2

1 RECESSED MOUNTED
2 WITH THERMOSTAT

BIPOLAR ION GENERATOR SCHEDULE

TAG	MAKE	MODEL	SERVING	CFM	ELECTRODE PAIRS	V	VA	mA	LENGTH (IN)	LBS	NOTES
IG-1	PLASMA AIR	PB-048	RTU-1	9750	8	12 DC/24 AC	5.8	240	48	3.0	1,2,3,4,5,6,7,9
IG-2	PLASMA AIR	PB-048	RTU-2	9005	8	12 DC/24 AC	5.8	240	48	3.0	1,2,3,4,5,6,7,9
IG-3	PLASMA AIR	PB-024	RTU-3	4865	4	12 DC/24 AC	2.9	120	24	1.5	1,2,3,4,5,6,7,9
IG-4	PLASMA AIR	PB-018	RTU-4	2755	3	12 DC/24 AC	2.2	90	18	1.1	1,2,3,4,5,6,7,9
IG-5	PLASMA AIR	PB-018	RTU-5	2000	3	12 DC/24 AC	2.2	90	18	1.1	1,2,3,4,5,6,7,9
IG-6	PLASMA AIR	PB-018	RTU-6	2275	3	12 DC/24 AC	2.2	90	18	1.1	1,2,3,4,5,6,7,9
IG-7	PLASMA AIR	PB-018	RTU-7	2675	3	12 DC/24 AC	2.2	90	18	1.1	1,2,3,4,5,6,7,9

1 WITH INTEGRAL VARIABLE OUTPUT WITH AIRFLOW
2 WITH UL 867 LISTING
3 POWER THROUGH EVAPORATOR/SUPPLY FAN CONTROL POWER BY MC
4 WITH AUTOMATIC FAULT RESET
5 WITH RECESSED ION GENERATING NEEDLES
6 WITH NEEDLEPOINT TYPE OPERATION
7 MOUNT AT THE AIR ENTERING SIDE OF THE COOLING COIL WITH NEEDLES POINTING DOWN
8 MOUNT IN SUPPLY AIR DUCTWORK
9 GLOBAL PLASMA SOLUTIONS IS AN APPROVED EQUAL

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04.07.26

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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

MECHANICAL SCHEDULES

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REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

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VAV SCHEDULE

TAG	MAKE	MODEL	INLET SIZE	MAX CFM	MIN CFM	HEATING CFM	KW	VOLTAGE	NOTES
VAV-1-1	PRICE	SDV	6	330	95	120	1.5	460/3	1,2,3,4
VAV-1-2	PRICE	SDV	7	450	125	160	2.0	460/3	1,2,3,4
VAV-1-3	PRICE	SDV	8	640	180	280	3.5	460/3	1,2,3,4
VAV-1-4	PRICE	SDV	7	570	160	160	2.0	460/3	1,2,3,4
VAV-1-5	PRICE	SDV	5	200	60	120	1.5	460/3	1,2,3,4
VAV-1-6	PRICE	SDV	5	310	85	120	1.5	460/3	1,2,3,4
VAV-1-7	PRICE	SDV	6	255	105	120	1.5	460/3	1,2,3,4
VAV-1-8	PRICE	SDV	5	315	85	120	1.5	460/3	1,2,3,4
VAV-1-9	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-10	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-11	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-12	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-13	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-14	PRICE	SDV	5	195	50	120	1.5	460/3	1,2,3,4
VAV-1-15	PRICE	SDV	8	685	195	200	2.5	460/3	1,2,3,4
VAV-1-16	PRICE	SDV	4	185	50	120	1.5	460/3	1,2,3,4
VAV-1-17	PRICE	SDV	5	240	55	120	1.5	460/3	1,2,3,4
VAV-1-18	PRICE	SDV	4	180	50	120	1.5	460/3	1,2,3,4
VAV-1-19	PRICE	SDV	4	180	50	120	1.5	460/3	1,2,3,4
VAV-1-20	PRICE	SDV	7	525	135	120	1.5	460/3	1,2,3,4
VAV-1-21	PRICE	SDV	4	180	45	120	1.5	460/3	1,2,3,4
VAV-1-22	PRICE	SDV	4	180	45	120	1.5	460/3	1,2,3,4
VAV-1-23	PRICE	SDV	7	415	115	120	1.5	460/3	1,2,3,4
VAV-1-24	PRICE	SDV	12	1595	405	435	5.5	460/3	1,2,3,4
VAV-1-25	PRICE	SDV	5	290	75	120	1.5	460/3	1,2,3,4
VAV-1-26	PRICE	SDV	5	185	50	120	1.5	460/3	1,2,3,4
VAV-1-27	PRICE	SDV	6	380	95	120	1.5	460/3	1,2,3,4
VAV-1-28	PRICE	SDV	7	325	85	120	1.5	460/3	1,2,3,4
VAV-2-1	PRICE	SDV	5	235	70	120	1.5	460/3	1,2,3,4
VAV-2-2	PRICE	SDV	5	235	70	120	1.5	460/3	1,2,3,4
VAV-2-3	PRICE	SDV	8	785	195	160	2.0	460/3	1,2,3,4
VAV-2-4	PRICE	SDV	7	485	135	125	1.5	460/3	1,2,3,4
VAV-2-5	PRICE	SDV	12	1730	430	320	4.0	460/3	1,2,3,4
VAV-2-6	PRICE	SDV	4	155	35	160	2.0	460/3	1,2,3,4
VAV-2-7	PRICE	SDV	6	375	95	120	1.5	460/3	1,2,3,4
VAV-2-8	PRICE	SDV	8	675	175	240	3.0	460/3	1,2,3,4
VAV-2-9	PRICE	SDV	10	1080	275	160	2.0	460/3	1,2,3,4
VAV-2-10	PRICE	SDV	4	185	40	120	1.5	460/3	1,2,3,4
VAV-2-11	PRICE	SDV	4	185	40	120	1.5	460/3	1,2,3,4
VAV-2-12	PRICE	SDV	4	185	40	120	1.5	460/3	1,2,3,4
VAV-2-13	PRICE	SDV	4	185	40	120	1.5	460/3	1,2,3,4
VAV-2-14	PRICE	SDV	8	640	180	200	2.0	460/3	1,2,3,4
VAV-2-15	PRICE	SDV	4	160	35	120	1.5	460/3	1,2,3,4
VAV-2-16	PRICE	SDV	4	140	35	120	1.5	460/3	1,2,3,4
VAV-2-17	PRICE	SDV	7	510	130	120	1.5	460/3	1,2,3,4
VAV-2-18	PRICE	SDV	4	105	35	120	1.5	460/3	1,2,3,4
VAV-2-19	PRICE	SDV	6	425	115	320	4.0	460/3	1,2,3,4
VAV-2-20	PRICE	SDV	5	355	95	200	2.5	460/3	1,2,3,4
VAV-3-1	PRICE	SDV	7	580	165	240	3	460/3	1,2,3,4
VAV-3-2	PRICE	SDV	5	210	65	120	1.5	460/3	1,2,3,4
VAV-3-3	PRICE	SDV	6	320	85	120	1.5	460/3	1,2,3,4
VAV-3-4	PRICE	SDV	4	155	40	120	1.5	460/3	1,2,3,4
VAV-3-5	PRICE	SDV	5	210	55	120	1.5	460/3	1,2,3,4
VAV-3-6	PRICE	SDV	7	465	125	120	1.5	460/3	1,2,3,4
VAV-3-7	PRICE	SDV	12	1745	355	595	7.5	460/3	1,2,3,4
VAV-3-8	PRICE	SDV	7	420	95	120	1.5	460/3	1,2,3,4
VAV-3-9	PRICE	SDV	5	305	75	120	1.5	460/3	1,2,3,4
VAV-3-10	PRICE	SDV	5	300	75	120	1.5	460/3	1,2,3,4
VAV-3-11	PRICE	SDV	6	385	90	120	1.5	460/3	1,2,3,4

1 WITH 1" INSULATION LINER
2 WITH SCR HEATER
3 WITH FACTORY MOUNTED DIGITAL CONTROLS SUPPLIED BY CONTROLS CONTRACTOR
4 COORDINATE LEFT OR RIGHT HEATER/CONTROLS ACCESS WITH ACCESS SPACE AND CLEARANCES

FAN COIL SCHEDULE (ALTERNATE 2)

TAG	MAKE	MODEL	CFM	OA (CFM)	ESP (IN WC)	COOLING (BTUH)	NOMINAL HEATING (BTUH)	LIQUID LINE (IN)	SUCTION LINE (IN)	V/PH	AMPS	MCA	MOCP	LBS	NOTES
FC-1	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7
FC-2	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7
FC-3	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7
FC-4	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7
FC-5	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7
FC-6	LG	KNSAE241A	689	–	–	24000	22000	1/4	1/2	208/1	.6	N/A	N/A	26	1,2,3,4,5,6,7

1 WITH WIRED, WALL MOUNTED THERMOSTAT.
2 WITH LOW AMBIENT COOLING
3 WITH CONDENSATE PUMP
4 MOUNT ON FRONT STRUCTURE WITH SPRING ISOLATION
5 WITH BACNET GATEWAY
6 POWER TO INDOOR UNIT FROM OUTDOOR UNIT BY MECHANICAL CONTRACTOR
7 WALL MOUNT

HEAT PUMP/CONDENSING UNIT SCHEDULE (ALTERNATE 2)

TAG	MAKE	MODEL	NOMINAL COOLING (BTUH)	NOMINAL HEATING (BTUH)	LIQUID LINE (IN)	SUCTION LINE (IN)	V/PH	COMPRESSOR RLA	FAN FLA	MCA	MFA	LBS	NOTES
HP-1	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2
HP-2	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2
HP-3	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2
HP-4	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2
HP-5	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2
HP-6	LG	KUSAE241A	24000	24500	1/4	1/2	208/1	10.0	.4	15	20	92	1,2

1 MOUNT/SECURE TO CONCRETE PAD
2 WITH LOW AMBIENT CONTROL

EXHAUST FAN SCHEDULE (ALTERNATE 2)

TAG	MAKE	MODEL	CFM	TSP	RPM	HP	V/PH	FLA	NOTES
WEF-1	GREENHECK	SE1-12-432-VG	325	.155	1495	1/4	115/1	3.8	1,2,3,4,5
WEF-2	GREENHECK	SE1-12-432-VG	325	.155	1495	1/4	115/1	3.8	1,2,3,4,5
WEF-3	GREENHECK	SE1-12-432-VG	325	.155	1495	1/4	115/1	3.8	1,2,3,4,5
WEF-4	GREENHECK	SE1-12-432-VG	325	.155	1495	1/4	115/1	3.8	1,2,3,4,5
WEF-5	GREENHECK	SE1-12-432-VG	325	.155	1495	1/4	115/1	3.8	1,2,3,4,5

1 WIRE THROUGH WALL SWITCH
2 WITH BACKDRAFT DAMPER
3 WITH 45° WEATHERHOOD
4 WITH WALL HOUSING
5 WITH ECM MOTOR

GRILLE SCHEDULE

TAG	TYPE	MAKE	MODEL	FRAME	MODULE/NOMINAL FACE SIZE	NOTES
CG-1	HI INDUCTION LAY-IN CEILING DIFFUSER	PRICE	SPD-HI	31	24x24	1,2,4
CG-2	4-WAY SURFACE MOUNT CEILING DIFFUSER	PRICE	ASP	31	12x12	1,2,4
CG-3	LAY-IN CEILING RETURN GRILLE	PRICE	80-ø-SR	F	24x24	4,7,9
CG-4	LAY-IN CEILING RETURN GRILLE	PRICE	80-ø-SR	F	24x24	4,7,9,13
CG-5	SURFACE MOUNT CEILING EXHAUST GRILLE	PRICE	80-ø-SR	F	12X12	3,4,7,9
CG-6	4-WAY SURFACE MOUNT CEILING DIFFUSER	PRICE	ASP	31	18X18	1,2,4,6
CG-7	SURFACE MOUNT CEILING RETURN GRILLE	PRICE	80-ø-SR	F	18X18	4,5
CG-8	MAXIMUM SECURITY RISK CEILING DIFFUSER	PRICE	MSRRCD	–	AS INDICATED	11,12
CG-9	MAXIMUM SECURITY RISK CEILING RETURN/EXHAUST GRILLE	PRICE	MSRRG	–	AS INDICATED	11,12
CG-10	MAXIMUM SECURITY PERFORATED SUPPLY GRILLE	PRICE	MSPG	–	AS INDICATED	11,12
CG-11	SURFACE MOUNT CEILING RETURN GRILLE	PRICE	80-ø-SR	F	18X18	4,5
CG-12	LINEAR SLOT SUPPLY DIFFUSER	PRICE	SDS75	Z	48"X6"	
WG-1	HEAVY DUTY SURFACE MOUNT SUPPLY GRILLE	PRICE	96-L	SURFACE MOUNT	AS INDICATED	8,9,10
WG-2	HEAVY DUTY SURFACE MOUNT RETURN/EXHAUST GRILLE	PRICE	97-L	SURFACE MOUNT	AS INDICATED	8,9,10
WG-3	SECURITY BARRIER BAR GRILLE	PRICE	MSBG	S187	AS INDICATED	14,15,16,17
WG-4	ROUND WALL SUPPLY GRILLE	PRICE	RSG	–	AS INDICATED	–
DG-1	HIGH CAPACITY DRUM LOUVER	PRICE	HCD	SDFA	AS INDICATED	9,10

1 WITH RADIAL OPPOSED BLADE DAMPER
2 WITH INSULATED BACKPAN
3 WITH SQUARE TO ROUND ADAPTER
4 WITH B12 STANDARD WHITE FINISH
5 WITHOUT SCREW HOLES
6 WITH ALUMINUM CONSTRUCTION
7 WITH FULL LOUVERED FACE (NO PANEL MOUNTING)
8 WITH CONCEALED MOUNTING
9 WITH OPPOSED BLADE DAMPER
10 COLOR TO BE SELECTED BY ARCHITECT
11 WITH STANDARD SLEEVE
12 WITH REAR ANGLE FRAME AND TAMPER PROOF SCREWS
13 WITH RETURN AIR CANOPY
14 WITH WIRE MESH
15 WITH MR6 MASONRY RODS EMBEDDED IN WALL
16 WITH 1/2" BARS
17 INSTALL ABOVE CEILNG
18 WITH CLOSED END CAP
19 WITH SDA PLENUM
20 VERFIY CEILING TYPE PRIOR TO ORDER

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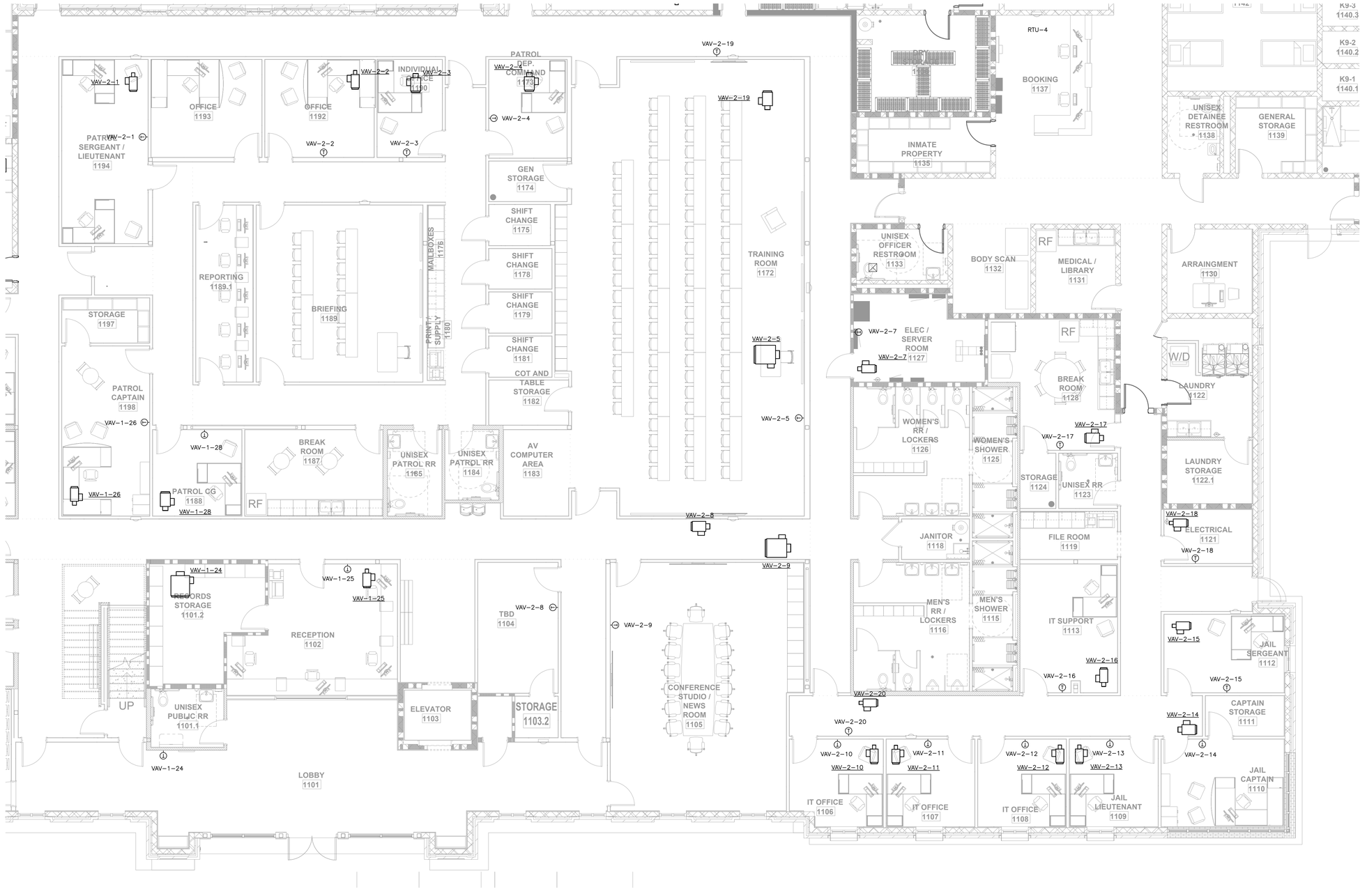
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1 ENLARGED MECHANICAL CONTROLS PLAN - SECTION A
SCALE: 3/16"=1'-0"

KEY PLAN

D
C
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A

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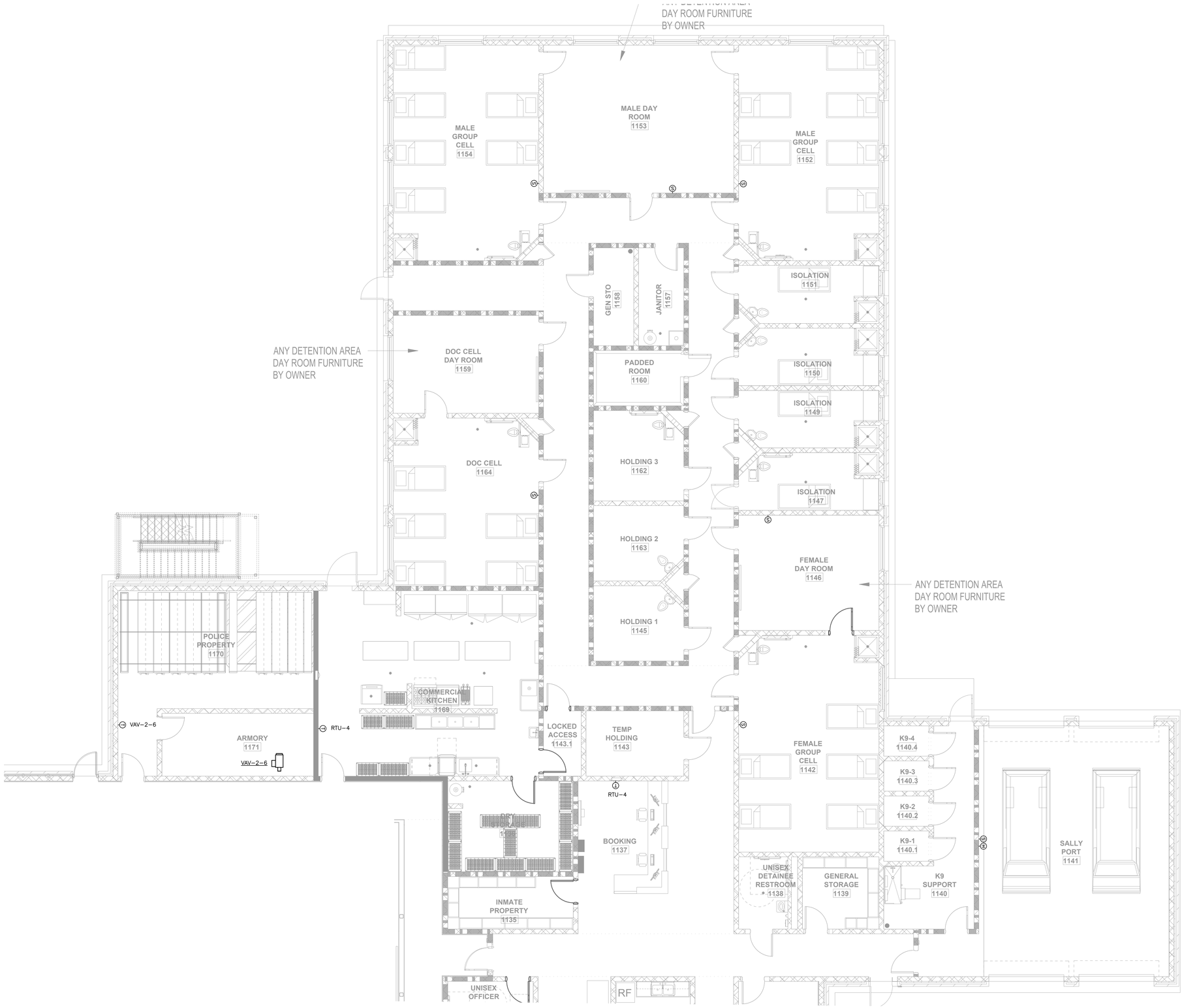
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1 ENLARGED MECHANICAL PLAN - SECTION B
SCALE: 3/16"=1'-0"

D

KEY PLAN

B
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A

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Biloxi, Mississippi 39530
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www.mpdesigngroup.us

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JOHN MICHAEL VAN DUKENBURG
License No. 37167
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO:	0315.23.001
DRAWN BY:	MAB
CHECKED BY:	JMV

ENLARGED MECHANICAL CONTROLS PLAN - SECTION B

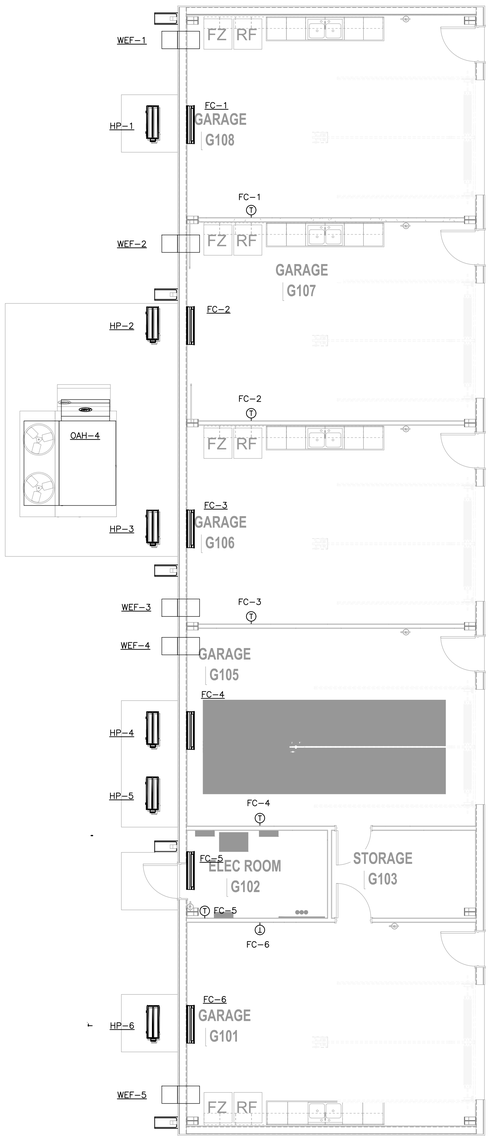
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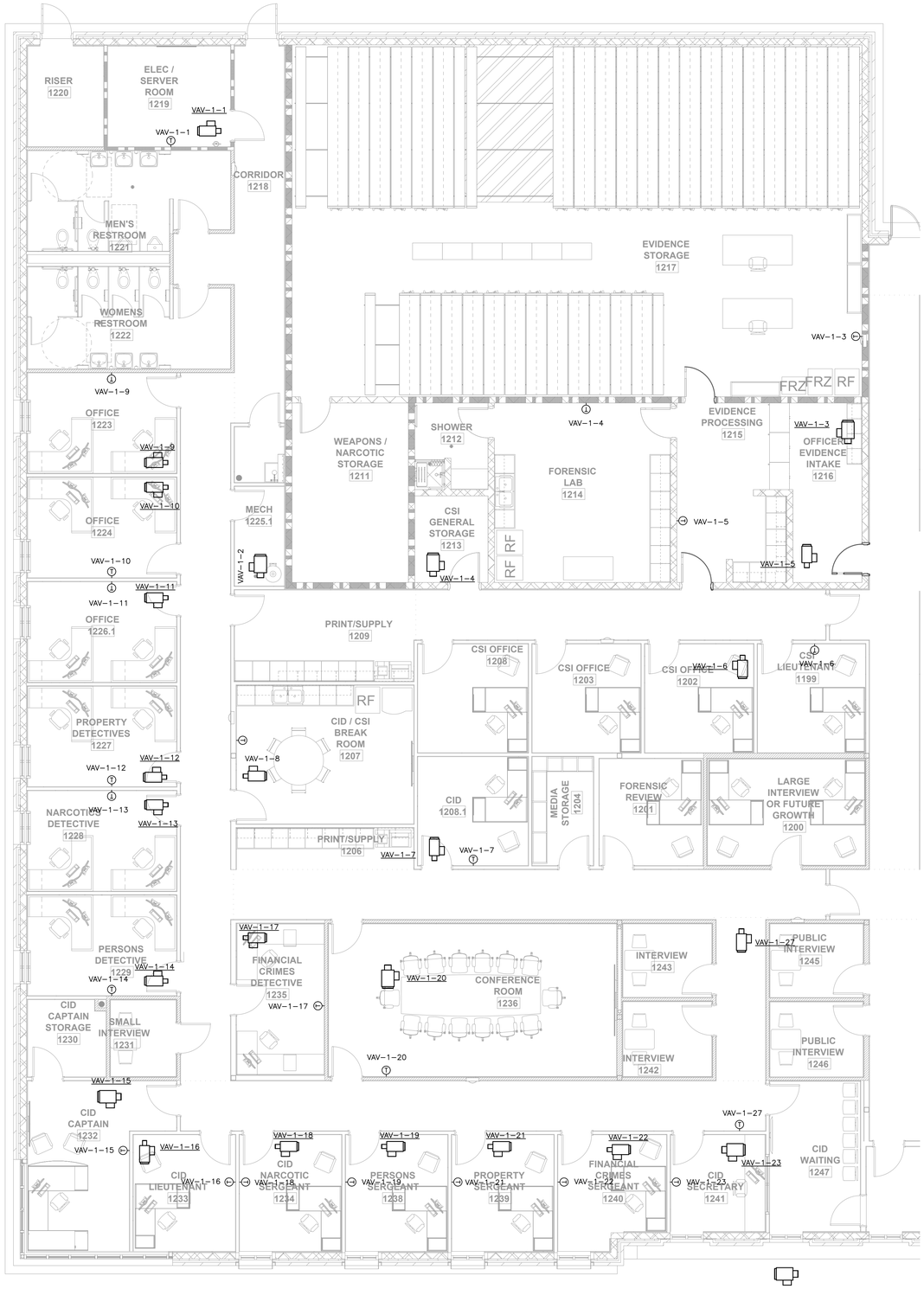
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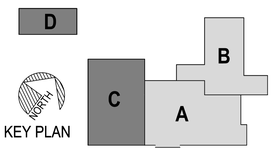
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2 ENLARGED MECHANICAL CONTROLS PLAN - SECTION D (ALTERNATE 2)
SCALE: 3/16"=1'-0"



1 ENLARGED MECHANICAL CONTROLS PLAN - SECTION C
SCALE: 3/16"=1'-0"



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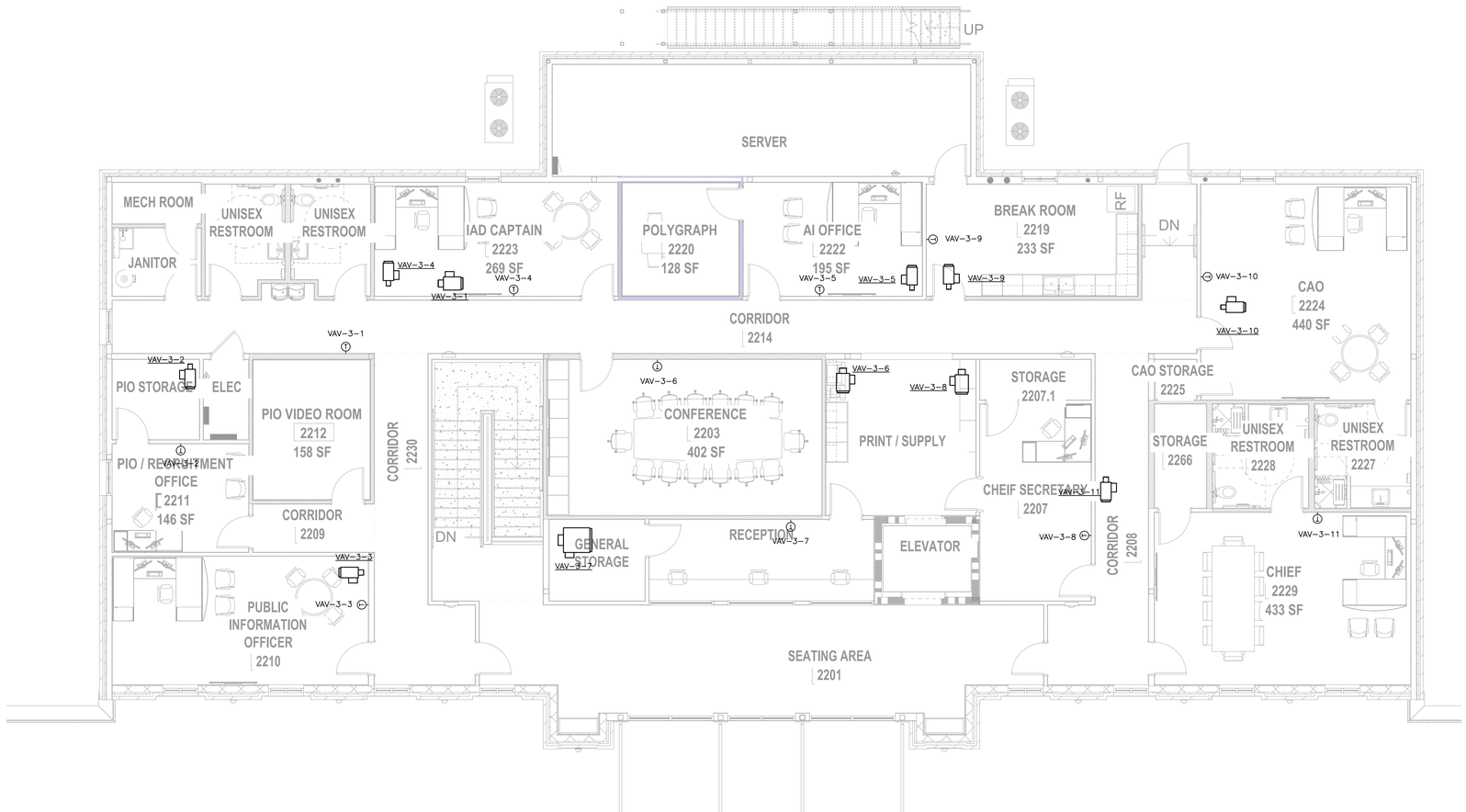
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ENLARGED MECHANICAL CONTROLS PLAN
SECTION C & SECTION D

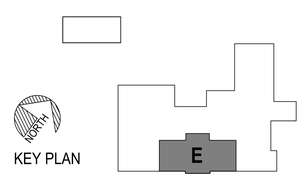
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1 ENLARGED MECHANICAL CONTROLS PLAN - SECTION E
SCALE: 3/16"=1'-0"



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JOHN MICAH VAN SLAMBROUCK
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04.07.26

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SEQUENCE OF OPERATIONS

OAU 1,2

THE UNITS SHALL SUPPLY OUTDOOR AIR TO SPECIFIC AIR HANDLING UNITS THROUGHOUT THE BUILDING.

FAN OPERATION:
DURING ALL HOURS, THE SUPPLY AND EXHAUST AIR FANS SHALL OPERATE ALONG WITH THE ENERGY RECOVERY WHEEL.

SENSORS:
A TEMPERATURE SENSOR AND A HUMIDITY SENSOR SHALL BE INSTALLED IN THE SUPPLY (OUTDOOR AIR) DUCTWORK, DIRECTLY DOWNSTREAM OF THE UNIT. A TEMPERATURE SENSOR SHALL BE INSTALLED IN THE OUTDOOR AIR DUCTWORK, DIRECTLY OF UPSTREAM OF THE UNIT.

SET POINT:
SET POINTS SHALL BE MADE AT THE BAS INTERFACE. DURING ALL HOURS, IF THE ENTERING AIR TEMPERATURE IS GREATER THAN 72'F, THE UNIT SHALL CALL FOR COOLING AND LEAVING SUPPLY AIR TEMPERATURE SHALL BE SET TO 72'F. IF THE ENTERING AIR IS LESS THAN 70'F, THE UNIT SHALL CALL FOR HEATING AND THE LEAVING SUPPLY AIR TEMPERATURE SHALL BE SET TO 70'F. IF THE LEAVING SUPPLY AIR RELATIVE HUMIDITY IS GREATER THAN 60%, THE UNIT SHALL CALL FOR DEHUMIDIFICATION AND THE RELATIVE SUPPLY HUMIDITY SHALL BE SET TO 60%.

FAN OPERATION:
DURING ALL HOURS, THE SUPPLY AND EXHAUST AIR FANS SHALL OPERATE ALONG WITH THE ENERGY RECOVERY WHEEL.

DX COIL OPERATION:
UPON A CALL FOR COOLING OR DEHUMIDIFICATION BASED ON THE DUCT TEMPERATURE AND HUMIDITY SETPOINTS. THE UNIT SHALL OPERATE TO MAINTAIN SETPOINTS. IF ONE SETPOINT IS SATISFIED BUT NOT THE OTHER. THE UNIT SHALL OPERATE TO MAINTAIN SETPOINT. OTHERWISE IT SHALL REMAIN OFF.

GAS HEAT FURNACE OPERATION:
UPON A CALL FOR HEATING BASED ON THE DUCT TEMPERATURE SETPOINTS. THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHERWISE IT SHALL BE OFF.

OAU-3

SENSORS:
A WALL MOUNTED TEMPERATURE/HUMIDITY SENSOR SHALL BE INSTALLED FOR THE UNIT. A TEMPERATURE SENSOR AND HUMIDITY SENSOR SHALL BE INSTALLED IN SUPPLY (OUTDOOR AIR) DUCTWORK, DIRECTLY DOWNSTREAM OF OF THE UNIT. A TEMPERATURE SENSOR SHALL BE INSTALLED IN THE OUTDOOR AIR DUCTWORK, DIRECTLY UPSTREAM OF UNIT. TEMPERATURE OVER RIDE DISPLAY

SET POINTS:
SET POINTS SHALL BE MADE AT THE BAS INTERFACE. DURING ALL HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 75' F AND THE HEATING TEMPERATURE SHALL BE SET TO 68'F. A 5'F MANUAL COOLING OVERRIDE AND 4'F MANUAL HEATING OVERRIDE SHALL BE ACCESSIBLE TO USER AT THE THERMOSTAT DISPLAY. THE HUMIDITY SET POINT SHALL BE SET TO 60%.

FAN OPERATION:
DURING ALL HOURS, THE FAN SHALL BE ON.

DX COIL OPERATION:
UPON A CALL FOR COOLING OR DEHUMIDIFICATION BASED OFF ZONES TEMPERATURE AND HUMIDITY SET POINTS THE UNIT SHALL OPERATE TO MAINTAIN SET POINTS. IF ONE SET POINT IS SATISFIED, BUT NOT THE OTHER, THE UNIT SHALL OPERATE. OTHERWISE IT SHALL BE OFF.

GAS HEAT FURNACE OPERATION:
UPON A CALL FOR HEATING BASED OFF ZONE TEMPERATURE SET POINTS, THE FURNACE SHALL OPERATE.

HOT GAS REHEAT COIL:
UPON A CALL FOR DEHUMIDIFICATION BASED OF THE ZONE HUMIDITY SET POINT, THE UNIT SHALL MODULATE TO MAINTAIN SET POINT. OTHERWISE IT UNIT SHALL BE OFF.

OAU-4

THE UNIT SHALL SUPPLY OUTDOOR AIR TO SPACES AS INDICATED ON DRAWINGS. THE UNIT SHALL BE INTERLOCKED WITH FAN SWITCH AT WEF-1, WEF-2, WEF-3, WEF-4, WEF-5.

SENSORS:
A TEMPERATURE AND HUMIDITY SENSOR SHALL BE INSTALLED IN SUPPLY (OUTDOOR AIR DUCTWORK, DIRECTLY DOWNSTREAM OF UNIT. A TEMPERATURE SENSOR SHALL BE INSTALLED IN THE OUTDOOR AIR DUCTWORK, DIRECTLY UPSTREAM OF UNIT.

SET POINTS:
SET POINTS SHALL BE MADE AT BAS INTERFACE. IF ENTERING AIR TEMPERATURE IS GREATER THAN 72'F, THE UNIT SHALL CALL FOR COOLING AND THE LEAVING SUPPLY AIR TEMPERATURE SHALL BE SET TO 72'F. IF ENTERING AIR TEMPERATURE IS LESS THAN 70'F, THE UNIT SHALL CALL FOR HEATING AND LEAVING AIR SUPPLY TEMPERATURE SHALL BE SET TO 70'F. IF THE THE LEAVING SUPPLY AIR RELATIVE HUMIDITY IS GREATER THAN 60%, THE UNIT SHALL CALL FOR DEHUMIDIFICATION AND THE SUPPLY AIR RELATIVE HUMIDITY SHALL BE SET TO 60%.

FAN OPERATION:
DURING OCCUPIED HOURS THE SUPPLY (OUTDOOR AIR) FAN SHALL BE ON. DURING UNOCCUPIED HOURS, THE FAN SHALL BE OFF.

DX COIL OPERATION:
UPON A CALL FOR COOLING OR DEHUMIDIFICATION BASED ON DUCT TEMPERATURE AND HUMIDITY SET POINTS, THE UNIT SHALL OPERATE TO MAINTAIN SET POINTS. OTHERWISE, IT SHALL REMAIN OFF. COIL SHALL OPERATE TO MAINTAIN BOTH SET POINTS. IF ONE SET POINT IS SATISFIED BUT NOT THE OTHER, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHERWISE, THE UNIT SHALL REMAIN OFF.

UPON A CALL FOR HEATING BASED ON DUCT TEMPERATURE SET POINTS. THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHER WISE IT SHALL BE OFF.

RTU-1, 2, & 3

SENSORS:
A DUCT AIR TEMPERATURE SENSOR SHALL BE INSTALLED DIRECTLY DOWNSTREAM OF THE UNIT. WALL TEMPERATURE/HUMIDITY SENSORS SHALL BE INSTALLED FOR EACH VAV BOX SERVED BY UNIT. THE UNIT FAN SHALL BE EQUIPPED WITH A VFD. A DUCT PRESSURE SENSOR SHALL BE INSTALLED IN TEH SUPPLY DUCTWORK UPSTREAM OF VAV BOXES. A TEMPERATURE SENSOR SHALL BE INSTALLED IN THE RETURN AIR DUCTWORK DIRECTLY UPSTREAM OF UNIT. A DUCT SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR STREAM.

FAN OPERATION:
UPON A CALL FOR HEATING, COOLING, DEHUMIDIFICATION FROM ITS ZONE. THE FAN SHALL BE ON. OTHERWISE, THE FAN SHALL BE OFF. THE FAN SHALL MODULATE TO MAINTAIN CONSTANT PRESSURE IN THE SYSTEM.

DX COIL OPERATION: UPON A CALL FOR FOR COOLING OR DEHUMIDIFICATION, BASED ON THE ASSOCIATED ZONE SPACE TEMPERATURE SET POINTS, THE COIL SHALL OPERATE TO MAINTAIN LEAVING AIR TEMPERATURE SET POINT (55'F), OTHERWISE IT SHALL REMAIN OFF.

ALL VAV BOXES

SENSORS:
A WALL MOUNTED, COMBINATION SPACE TEMPERATURE/HUMIDITY SENSOR SHALL BE INSTALLED FOR EACH UNIT. THE COMBINATION TEMPERATURE/HUMIDITY SENSOR SHALL HAVE A DIGITAL DISPLAY AND MANUAL TEMPERATURE OVERRIDE. THE MAIN SCREEN SHALL DISPLAY THE CURRENT TEMPERATURE, THE COOLING TEMPERATURE SET POINT, AND THE HEATING TEMPERATURE SET POINT. A SUPPLY AIR TEMPERATURE SENSOR SHALL BE INSTALLED DIRECTLY DOWNSTREAM OF EACH UNIT.

SET POINTS:
SET POINTS SHALL BE MADE AT THE BAS INTERFACE. DURING OCCUPIED HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 75'F AND THE HEATING TEMPERATURE SHALL BE SET TO 68'F. DURING UNOCCUPIED HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 85F AND THE HEATING TEMPERATURE SHALL BE SET TO 62'F. A 3'F MANUAL COOLING OVERRIDE AND A 4'F MANUAL HEATING OVERRIDE SHALL BE ACCESSIBLE BY THE USER AT THE THERMOSTAT DISPLAY. THE MANUAL OVERRIDE SHALL BE ACTIVE FOR A 3 HOUR PERIOD UNLESS THE ZONE BECOMES UNOCCUPIED. THE RELATIVE HUMIDITY SHALL BE SET TO 60% DURING ALL HOURS.

AIR VALVE:
UPON A CALL FOR COOLING, BASED ON THE ZONE TEMPERATURE SET POINT, THE AIR VALVE SHALL MODULATE OPEN FROM MINIMUM TO MAXIMUM POSITION TO MAINTAIN SET POINT. UPON A CALL FOR HEATING, THE VALVE SHALL MODULATE OPEN FROM MINIMUM TO THE HEATING POSITION. OTHERWISE, IT SHALL REMAIN AT MINIMUM POSITION. VALVE SHALL REMAIN CLOSED DURING UNOCCUPIED HOURS.

RE-HEAT COIL OPERATION:
AN ELECTRIC RE-HEAT COIL SHALL BE INSTALLED IN EACH VAV BOX. UPON A CALL FOR HEATING BASED ON ZONE TEMPERATURE SET POINT, THE ELECTRIC HEAT COIL SHALL MODULATE TO MAINTAIN SET POINT. IF THE HEATING OR COOLING SET POINT IS SATISFIED BUT THE HUMIDITY SET POINT IS NOT, THE VALVE SHALL OPEN TO MAINTAIN HUMIDITY SET POINT AND THE COIL SHALL MODULATE TO MAINTAIN 70° F.

RTU-4

SENSORS: A WALL MOUNTED COMBINATION SPACE TEMPERATURE/HUMIDITY SENSOR SHALL BE INSTALLED FOR UNIT. THE COMBINATION TEMPERATURE/HUMIDITY SENSOR SHALL HAVE DIGITAL DISPLAY AND MANUAL TEMPERATURE OVERRIDE. THE MAIN SCREEN SHALL DISPLAY THE CURRENT TEMPERATURE, THE COOLING TEMPERATURE SET POINT AND THE HEATING TEMPERATURE SET POINT. DETERMINATION OF OCCUPIED AND UNOCCUPIED HOURS SHALL BE DETERMINED WITH OWNER/KITCHEN SCHEDULE

SET POINTS:
SET POINTS SHALL BE MADE AT THE BAS INTERFACE. DURING OCCUPIED HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 75'F AND THE HEATING TEMPERATURE SHALL BE SET TO 68'F. DURING UNOCCUPIED HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 85F AND THE HEATING TEMPERATURE SHALL BE SET TO 62'F. A 3'F MANUAL COOLING OVERRIDE AND A 4'F MANUAL HEATING OVERRIDE SHALL BE ACCESSIBLE BY THE USER AT THE THERMOSTAT DISPLAY. THE MANUAL OVERRIDE SHALL BE ACTIVE FOR A 3 HOUR PERIOD UNLESS THE ZONE BECOMES UNOCCUPIED. THE RELATIVE HUMIDITY SHALL BE SET TO 60% DURING ALL HOURS.

FAN OPERATION:
THE FAN SHALL BE ON FOR A CALL UPON COOLING, HEATING OR DEHUMIDIFICATION. OTHERWISE IT SHALL BE OFF.

DX COIL OPERATION:
UPON A CALL FOR COOLING OR DEHUMIDIFICATION BASED ON THE ZONE TEMPERATURE/HUMIDITY SETPOINTS, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. IF ONE SET POINT IS SATISFIED BUT NOT THE OTHER, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHER WISE UNIT SHALL BE OFF.

GAS FURNACE OPERATION:
UPON A CALL FOR HEATING BASED ON THE ZONE TEMPERATURE SET POINT, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHERWISE UNIT SHALL BE OFF.

HOT GAS REHEAT COIL:
UPON A CALL FOR DEHUMIDIFICATION BASED ON ZONE HUMIDITY SET SET POINT. THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHERWISE UNIT SHALL BE OFF.

RTU-5,6,7

SENSORS:
A RECESSED WALL MOUNTED TAMPER RESISTANT TEMPERATURE SENSOR AND CENTRALIZED THERMOSTAT DISPLAY SHALL BE INSTALLED AT LOCATIONS INDICATED ON THE DRAWINGS. THE MAIN SCREEN SHALL DISPLAY CURRENT ZONE TEMPERATURE, COOLING SET POINT, AND HEATING SET POINT. FOR EACH ZONE.

SET POINTS:
SET POINTS SHALL BE MADE AT THE BAS INTERFACE. DURING ALL HOURS, THE COOLING TEMPERATURE SHALL BE SET TO 75'F AND THE HEATING TEMPERATURE SHALL BE SET TO 68'F. A 5'F MANUAL COOLING OVERRIDE AND A 4'F MANUAL HEATING OVERRIDE SHALL BE ACCESSIBLE BY THE USER AT THE THERMOSTAT DISPLAY. THE MANUAL OVERRIDE SHALL BE ACTIVE FOR A 3 HOUR PERIOD.

FAN OPERATION:
THE FAN SHALL BE ON FOR A CALL UPON COOLING, HEATING OR DEHUMIDIFICATION. OTHERWISE IT SHALL BE OFF.

DX COIL OPERATION:
UPON A CALL FOR COOLING BASED ON THE ZONE TEMPERATURE SET POINT, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHER WISE IT SHALL BE OFF.

GAS FURNACE OPERATION:
UPON A CALL FOR HEATING BASED ON THE ZONE TEMPERATURE SET POINT, THE UNIT SHALL OPERATE TO MAINTAIN SET POINT. OTHERWISE UNIT SHALL BE OFF.

KEF-1, KSF-1

KEF AND KSF SHALL BE INTERLOCKED WITH FAN SWITCH AND TEMPERATURE INTERLOCK AT H-1 AS WELL AS RTU-4

ALL IG UNITS

ALL ION GENERATOR UNITS SHALL ACTIVATE WITH IT'S RESPECTIVE SUPPLY FAN. OTHERWISE THEY SHALL BE OFF.

RETURN DUCT MOUNTED SMOKE DETECTORS

ALL UNITS OVER 2000 CFM SHALL HAVE RETURN DUCT MOUNTED SMOKE DETECTORS PROVIDED AND INSTALLED BY CONTROLS CONTRACTOR. CONTROLS CONTRACTOR SHALL VERIFY ALL RETURN DUCT SMOKE DETECTORS ARE COMPATIBLE WITH FIRE ALARM SYSTEM. SMOKE DETECTORS SHALL BE ADDRESSIBLE AND ABLE TO BE MONITORED BY FIRE ALRM CONTRACTOR. COORDINATE WITH FIRE ALARM CONTRACTOR.

PROGRAMMING AND HARDWARE

ALL HVAC CONTROL PROGRAMMING SHALL RESIDE ON PREMISES IN CONTROLLERS, ETC. WEB BASED ACCESS IS REQUIRED BUT SHOULD NOT BE NECESSARY FOR OPERATION.

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CHECKED BY: JMV

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LIGHTING SYMBOLS

CEILING	WALL	DESCRIPTION
		LED, FLUORESCENT OR H.I.D. LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.
		LED OR FLUORESCENT STRIP LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE
		LED OR FLUORESCENT LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.
		"EXIT" LIGHT FIXTURE. DIRECTIONAL ARROWS AS INDICATED. SHADED QUADRANT INDICATE FACE(S). SEE LUMINARE SCHEDULE.
		EMERGENCY BATTERY PACK FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.
		H.I.D.FLOODLIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.

POWER SYMBOLS

FLOOR	WALL	CEIL.	COUNTR	DESCRIPTION
				DUPLEX OUTLET; GFCI=GFCI PROTECTION, WP=WEATHER PROOF COVER, IG=ISOLATED GROUND.
				SPECIAL OUTLET
				480/277V PANELBOARD
				208/120V PANELBOARD
				DISCONNECT SWITCH, AS=FRAME SIZE, AT=FUSE SETTING (NF=NON FUSED), #P=NUMBER POLES, NR=NEMA ENCLOSURE RATING (NEMA 1 UNLESS OTHERWISE NOTED)
				COMBINATION STARTER/DISCONNECT SWITCH, MP=MAX PROTECTION RATING, SS=STARTER SIZE, #P=NUMBER POLES, NR=NEMA ENCLOSURE RATING.
				MAGNETIC MOTOR STARTER. SS=STARTER SIZE, NR=NEMA ENCLOSURE RATING (NEMA 1 UNLESS OTHERWISE NOTED
				MOTOR, SINGLE-PHASE. HP=DENOTES HORSEPOWER
				MOTOR, THREE-PHASE. HP=DENOTES HORSEPOWER
				JUNCTION BOX
				JUNCTION BOX, WALL MOUNTED
				TRANSFORMER

SYSTEM DEVICES

FLOOR	WALL	CEIL.	DESCRIPTION
			TELEPHONE OUTLET, FLUSH MOUNTED
			COMBINATION DATA/TELEPHONE OUTLET, FLUSH MOUNTED, CT – COUNTER TOP, POE – POWER OVER ETHERNET WIFI LOCATION
			HDMI OUTLET, FLUSH MOUNTED
	H	H	FIRE ALARM, COMBINATION AUDIO/VISUAL ANNUNCIATION UNIT. CANDELA AS INDICATED. WALL MOUNTED 7'–6" AFF UNLESS OTHERWISE NOTED, CEILING MOUNTED.
	S	S	STROBE, WALL MOUNTED 7'–6" AFF UNLESS OTHERWISE NOTED. CEILING MOUNTED CANDELA AS INDICATED.
P			FIRE ALARM PULL STATION WITH TAMPER PROOF COVER WALL MOUNTED 48" AFF.
H			HEAT DETECTOR CEILING MOUNTED.
S			SMOKE DETECTOR CEILING MOUNTED, ER – ELEVATOR RECALL
DSD			DUCT SMOKE DETECTOR, WITH SAMPLING TUBE MOUNTED IN HVAC DUCT.
FS			FLOW SWITCH
CM			CONTROL MODULE
TS			TAMPER SWITCH
FAP			FIRE ALARM CONTROL PANEL (FACP)
TX			TRANSCEIVER
ANN			FIRE ALARM REMOTE ANNUNCIATOR PANEL.
VFD			VARIABLE FREQUENCY DRIVE
TBB			TELEPHONE BACK BOARD PANEL

WIRING SYMBOLS

	DESCRIPTION
	WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL
	WIRING (IN CONDUIT) RUN EXPOSED
	WIRING UNDERGROUND (SITE WORK)
	TELECOMMUNICATION RACEWAY (SITE WORK)
L1,3	HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF CIRCUITS (NUMBER OF ARROWS), EACH CIRCUIT TO HAVE GROUND.
E	ELECTRICAL MANHOLE
T	TELECOMMUNICATION MANHOLE
	GROUND CONNECTION
S	SINGLE–POLE TOGGLE SWITCH.
S_2	DOUBLE–POLE TOGGLE SWITCH.
S_3	THREE–WAY TOGGLE SWITCH.
S_D	SLIDE DIMMER FLUORESCENT.
S_M	SWITCH, MOTOR RATED
S_{MS}	SWITCH, MOTION SENSOR
PC X	PHOTO CELL, LETTER OR NUMBER DENOTES WHAT LIGHTING CONTROL PANEL TO ROUTE BACK TO
	CONDUIT TURNED UP
	CONDUIT STUBBED OUT
	GROUNDING CONNECTION BAR
	10' 3/4" COPPER CLAD GROUND ROD.

REFERENCE SYMBOLS

	DESCRIPTION
100	FEEDER REFERENCE.
A E1 E2 / 1 E1 E2	DETAIL/SECTION REFERENCE: "1" DENOTES DETAIL "A" DENOTES SECTION "E1" DENOTES DRAWING NUMBER WHERE DETAIL/SECTION IS TAKEN "E2" DENOTES DRAWING NUMBER WHERE DETAIL/SECTION IS DRAWN

SPECIAL SYSTEMS

	DESCRIPTION
SP	911 SYSTEM SPEAKER. CEILING MOUNT
H	911 SYSTEM HORN SPEAKER
MC	FLOOR MOUNTED MICROPHONE OUTLET ACE BACKSTAGE HALF STAGE POCKET OR EQUAL.
S_V	WALL MOUNTED VOLUME CONTROL 70 VOLT.
DC	MAGNETIC DOOR CONTACT – ACCESS CONTROL SYSTEM
CR	CARD READER – ACCESS CONTROL SYSTEM
PB	PUSH BUTTON DOOR RELEASE – ACCESS CONTROL SYSTEM
SEC	ACCESS CONTROL PANEL – ACCESS CONTROL SYSTEM
KP	KEYPAD SECURITY SYSTEM.
J C	SECURITY CAMERA LOCATION (SECURITY CAMERA INSTALLED BY OWNER) PROVIDE JUNCTION BOX, CAT 6 CABLE AND CONDUIT.

ONE-LINE SYMBOLS

	DESCRIPTION
M	METER ENCLOSURE
M	METER
	CIRCUIT BREAKER
	SWITCH, SINGLE POLE–SINGLE THROW
	FUSE
	FUSE
	FUSED SWITCH
	FUSED SWITCH
	DRY TYPE TRANSFORMER
PANEL	PANELBOARD
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
LC	LIGHTING CONTACTOR
GFM	GROUND FAULT MONITORING
K	KIRK–KEY MECHANICAL INTER–LOCK
	GROUND SYSTEM TEST WELL WITH GROUND ROD CONNECTION
	EXOTHERMIC WELD GROUND ROD CONNECTION
	EXOTHERMIC WELD CONNECTION
	4–WAY SF_6 SWITCH
	6–WAY SF_6 SWITCH
	TYPICAL DUAL CIRCUIT AIR BREAK TRANSFORMER DESIGN
400A 4400	TRANSFORMER STATION NUMBER BUILDING NUMBER OR LOCATION
	LOAD BREAK SF_6 SWITCH
1	MOTOR STARTER (NUMBER INDICATES NEMA SIZE)
27	UNDERVOLTAGE RELAY
V	VOLT METER
A	AMMETER
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION

LIGHTING CONTROL (ACUITY nLIGHT)

	DESCRIPTION
BG1 BX	BG1 NBRG 8 KIT nLIGHT BRIDGE, 8 PORTS, KIT
DP1	DP1 NPP16 D EFP POWER/RELAY PACK, DIMMING, EXTERNAL FAULT PROTECTION
PP1	PP1 NPP16 EFP POWER/RELAY PACK, EXTERNAL FAULT PROTECTION
OS2	OS2 NCM PDT 10 RJB LOW VOLTAGE CEILING MOUNT SENSOR, PASSIVE DUAL TECHNOLOGY, LARGE MOTION/EXTENDED RANGE 360 DEGREE LENS, REAR RJ–45 PORTS
SC1	SC1 NECY MVOLT ENC NW GFXK nLIGHT ECLYPSE, 120–277V, ENCLOSURE FOR nLIGHT ECLYPSE, NO Wi–Fi, nGWY2 GFX AND PS 150 POWER SUPPLY
SO1	SO1 NWSXA PDT LV WH AESTHETIC WALL SWITCH OCCUPANCY SENSOR, PASSIVE DUAL TECHNOLOGY, LOW VOLTAGE
SW1	SW1 NPODMA 2S DX WH nLIGHT WIRED AESTHETIC WALLPOD, 2 SCENE CONTROL (2 BUTTONS), RAISE/LOWER DIMMING
SW2	SW2 NPODMA WH nLIGHT WIRED AESTHETIC WALLPOD
PL1	PL1 ARP INTENCO8 NLT 8FCR MVOLT SC SM ACUITY RELAY PANEL, INCLUDE INT AND ENC, 8–SIZE, nLIGHT, 8–FIELD CONFIGURABLE RELAYS, 120–277V, SCREW COVER, SURFACE MOUNT

GENERAL NOTES

1. PROVIDE A PERMANENT SIGN ON THE MAIN ELECTRICAL ROOM DOOR TO THE BUILDING STATING THAT THE MAIN SERVICE DISCONNECT(S) ARE LOCATED INSIDE.
2. EQUIPMENT SHALL BE MOUNTED ON MATERIALS SUITABLE FOR THE ENVIRONMENT WHICH IT IS INSTALLED WITH THE APPROPRIATE NEMA ENCLOSURE RATING.
3. WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH ARTICLE 110 AND 408 OF THE NEC.
4. THE DEDICATED ELECTRICAL SPACE EXTENDED FROM THE FLOOR TO THE STRUCTURAL CEILING WITH THE WIDTH AND DEPTH OF THE PANEL–BOARD OR SWITCHBOARD, MUST BE CLEAR OF ALL PIPING, DUCTS, EQUIPMENT FOREIGN TO THE ELECTRICAL OR ARCHITECTURAL APPURTENANCES IN ACCORDANCE WITH THE NEC 110 & 408. COORDINATE INSTALLATION OF ELECTRICAL EQUIPMENT WITH OTHER TRADES PRIOR TO ROUGHING IN EQUIPMENT.
5. ALL ELECTRICAL EQUIPMENT AND THE RESULTANT INSTALLATION OF SUCH EQUIPMENT, DEVICES, ETC., SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, NFPA 70, ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND THE STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE NFPA 70E.
6. DRAWINGS AND SPECIFICATIONS FORM A COMPLETE SET OF DOCUMENTS FOR THE WORK IN THIS PROJECT. NEITHER IS COMPLETE WITHOUT THE OTHER. ANY ITEM MENTIONED IN ONE SHALL BE BINDING AS MENTIONED IN BOTH.
7. CONTRACTOR SHALL TAKE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL DIMENSIONS AND LOCATIONS OF EXISTING, RELOCATED AND NEW EQUIPMENT AND SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WORK OF OTHER TRADES NECESSARY TO THE PROJECT.
8. THESE DRAWINGS ARE INTENDED TO OUTLINE THE SCOPE OF WORK REQUIRED TO PROVIDE A COMPLETE AND OPERABLE PROJECT CONCLUSION. ALL MISCELLANEOUS COMPONENTS, PARTS, FASTENERS, SPLICES AND OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETED PROJECT SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY NOTED.
9. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS ARISING FROM DISCOVERED CONDITIONS AT ANY PHASE OF THE PROJECT.
10. CONTRACTOR SHALL NOTIFY LOUISIANA ONE CALL TO DETERMINE THE LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
11. AT ANY LOCATION WHERE EXCAVATION OR ASSOCIATED WORK CAUSES DAMAGE TO EXISTING UNDERGROUND UTILITIES, CONTRACTOR SHALL RESTORE THE DAMAGED SYSTEM TO LIKE–NEW STATE AT NO COST TO THE OWNER.
12. ALL BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL AND GROUND.
13. ALL ABOVE GROUND EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
14. LOCATIONS OF OTHER EQUIPMENT SPECIFIED BY OTHER TRADES OR PROVIDED BY OWNER ARE APPROXIMATE. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGHING IN AND ROUTING CONDUIT.
15. SEE ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS FOR LIGHT FIXTURES IN LAY–IN OR DRYWALL CEILINGS, AS WELL AS INTERIOR OR EXTERIOR WALLS.
16. CONDUITS ARE NOT NECESSARILY SHOWN ON PLAN DRAWINGS FOR SAKE OF CLARITY. PROVIDE CONDUITS BETWEEN DEVICES AND TO PANELS PER REQUIREMENTS LISTED IN DIVISION 26 SPECIFICATIONS. INDICATE EXACT ROUTING OF CONDUIT ON PLAN DRAWINGS AS PART OF AS BUILT DOCUMENTATION TO BE SUBMITTED AFTER FINAL COMPLETION.
17. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
18. ALL EXIT, NIGHT LIGHT, AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
19. GENERAL CONTRACTOR SHALL FIELD–VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
20. ELECTRICAL CONTRACTOR SHALL REVIEW MECHANICAL DRAWINGS AND SPECIFICATION TO OBTAIN LOCATIONS, WIRING REQUIREMENTS, CONTROL WIRING SCHEMES, INTERLOCK WIRING AND THERMOSTAT LOCATIONS.
21. ALL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO QUANTIFY THE MATERIALS SPECIFIED AND INDICATED THEIR INTENDED RELATIONSHIP TO EACH OTHER. THE DRAWINGS ARE NOT TO BE SCALED. THE VARIOUS SCALES USED ON THE DRAWINGS MAY NOT ALLOW FOR ALL FITTINGS, OFFSETS, AND ACCESSORIES THAT MAY BE REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS THAT WOULD AFFECT THE WORK TO BE PERFORMED AND SHALL ARRANGE SUCH WORK AS NECESSARY TO COMPLY WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.

GENERAL FIRE ALARM NOTES

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS, EQUIPMENT, SOFTWARE AND PROGRAMMING NECESSARY FOR A COMPLETE AND FUNCTIONAL ADDRESSABLE FIRE ALARM SYSTEM.
2. ALL WORK SHALL COMPLY WITH THE CURRENT EDITIONS OF NFPA 70, 70E, 72, 90A, 101. **FIRE ALARM/VOICE EVAC. SYSTEM IS A DELEGATED DESIGN ITEM. THESE DRAWINGS SHOW GENERAL INTENT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL DEVICES REQUIRED FOR A CODE COMPLIANT SYSTEM WHETHER SHOWN ON THESE DRAWINGS OR NOT.**
3. ALL CABLES SHALL BE IDENTIFIED WITH A PERMANENT LABEL AT THE DEVICE AND INSIDE THE FIRE ALARM PANEL.
4. THE CIRCUIT BREAKER INSIDE THE ELECTRICAL PANEL THAT PROVIDES THE POWER FOR THE FIRE ALARM CIRCUIT SHALL BE LABELED (FIRE ALARM). THE LOCATION OF THE CIRCUIT BREAKER SHALL BE LISTED ON THE INSIDE DOOR OF THE FIRE ALARM CONTROL PANEL.
5. BATTERY CAPACITY SHALL BE SIZED TO PROVIDE BACKUP FOR 60 HOURS IN NON–ALARM THEN PROVIDE 30 MINUTES AT MAXIMUM LOAD.
6. ALL WIRING SHALL BE CONTINUOUS AND UNBROKEN FROM THE PANEL TO THE FIRST DEVICE AND FROM DEVICE TO DEVICE.
7. ALL DETECTOR AND CONTROL DEVICE WIRING SHALL BE FPLP OR EQUAL AND 16 AWG MINIMUM.
8. ALL WIRING SHALL BE RUN IN MINIMUM 3/4" RED EMT. ALL EMT AND JUNCTION BOXES SHALL BE FACTORY PAINTED RED.
9. SUBMITTED SHOP DRAWINGS SHALL SHOW THE ACTUAL PROGRAMMING ADDRESS. THE ADDRESS SHALL IDENTIFY THE LOOP NUMBER AND THE DEVICE NUMBER. EACH DEVICE SHALL HAVE ITS ADDRESS PLACED ON THE BODY OF THE DEVICE VIA PRINTED LABEL WITH CHARACTERS 1/8" HIGH MINIMUM.
10. ALL STROBES SHALL BE SYNCHRONIZED IN ACCORDANCE WITH THE NATIONAL FIRE ALARM CODE, NFPA 72.
11. UNLESS OTHERWISE NOTED ALL HORNS SHALL BE SET TO PROVIDE A MINIMUM OF 95 DB @ 10 FEET. STROBES SHALL BE SET AS NOTED. THE HORN/STROBES SHALL BE WALL MOUNTED AT 80" TO 96" AFF OR 6" BELOW THE CEILING, WHICHEVER IS LOWER OR AS INDICATED ON THE DRAWINGS.
12. MOUNTING HEIGHTS SHALL BE COORDINATED WITH OTHER DISCIPLINES, AVOID BLOCKING DEVICES WITH OTHER EQUIPMENT.
13. ADDRESSABLE LOOPS SHALL BE PROGRAMMED TO 80% MAXIMUM.
14. NAC CIRCUITS SHALL BE WIRED CLASS B. SEPARATE NAC CIRCUITS ARE REQUIRED FOR AUDIBLE AND VISIBLE DEVICES.
15. PROVIDE VISIBLE NOTIFICATION DEVICES IN ALL MECHANICAL ROOMS WITH HIGH AMBIENT NOISE CONDITIONS.
16. NO "T" TAPPING WILL BE ALLOWED.
17. PROVIDE DUCT DETECTORS IN ALL AIR HANDLING UNITS PER NFPA 72. DUCT DETECTORS THAT ARE NOT READILY ACCESSIBLE SHALL BE PROVIDED WITH A REMOTE INDICATOR AND TEST SWITCH. READILY ACCESSIBLE SHALL BE DEFINED AS A LOCATION THAT DOES NOT REQUIRE A LADDER OR SPECIAL LIFTING EQUIPMENT FOR ACCESS TO THE DEVICE. DUCT DETECTORS REQUIRING SPECIAL LIFTING EQUIPMENT FOR ACCESS AND MAINTENANCE SHALL BE SPECIFICALLY AVOIDED.
18. REFERENCE MECHANICAL HVAC DRAWINGS. PROVIDE SMOKE DUCT DETECTOR WITHIN 5' OF EACH SMOKE OR FIRE/SMOKE DAMPER.
19. REFERENCE MECHANICAL HVAC DRAWINGS. ELECTRICAL CONTRACTOR SHALL PROVIDE 120V POWER TO ALL SMOKE DAMPERS.
20. COORDINATE WITH OTHER TRADES. MAINTAIN 3' SEPARATION BETWEEN SMOKE DETECTORS AND HVAC DIFFUSERS.
21. FIRE ALARM PANEL SHALL DIAL OUT TO A REMOTE MONITORING SERVICE. PROVIDE WITH A NETWORK/CELLULAR COMMUNICATOR.
22. PROVIDE FILE FOLDER HOLDER ADJACENT TO THE FIRE ALARM CONTROL PANEL.
23. ALL SLEEPING ROOMS MUST HAVE A 520 HZ TONE AUDIBLE ALARM SIGNAL.
24. PROGRAM FUNCTION BUTTONS AS FOLLOWS:

a. BYPASS THE HORNS/STROBES

b. BYPASS THE AHU SHUTDOWN

c. DRILL SWITCH

d. SHUTDOWN THE AHU

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STATE OF LOUISIANA
BRADLEY PATANO
LICENSE NO. [illegible]
PROFESSIONAL ENGINEER
BY

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: NTS
PROJECT NO: 0315.23.001
DRAWN BY: BDD
CHECKED BY: KDB

ELECTRICAL LEGEND AND GENERAL NOTES

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

E001

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ABBREVIATIONS

A

A	AMPERE(S)
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY
ALUM	ALUMINUM
AT	AMPERE TRIP
AWG	AMERICAN WIRE GAGE
AHU	AIR HANDLING UNIT

C

C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CL	CLASS
COND	CONDUCTOR(S)
CT	COUNTER TOP
CU	COPPER
COMM	COMMUNICATION
CWP	CHILLED WATER PUMP

D

DC	DIRECT CURRENT
DET.	DETECTOR

E

E.C.	ELECTRICAL CONTRACTOR
EEB	ELECTRICAL EQUIPMENT BUILDING
EF	EXHAUST FAN
EL.	ELEVATION
EM	EMERGENCY
ESD	EMERGENCY SHUTDOWN
EWC	ELECTRIC WATER COOLER
EX	EXISTING

F

FC	FOOT CANDLE
FF	FINISHED FLOOR
FLA	FULL LOAD AMPS
FL	FLUORESCENT
FREQ.	FREQUENCY
FT.	FOOT; FEET

G

G	GROUND
GALV	GALVANIZED
GFI	GROUND FAULT INTERRUPTER
GFM	GROUND FAULT MONITORING
GND	GROUND

H

HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ

J

JB	JUNCTION BOX

K

KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT.AMPERES
KW	KILOWATT

L

LBS.	POUNDS
LEV	LEVEL
LTG.	LIGHTING
LV	LOW VOLTAGE

M

MCB	MAIN CIRCUIT BREAKER
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MH	MOUNTING HEIGHT

N

N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NF	NONFUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	UN SWITCHED NIGHT LIGHT
NTS	NOT TO SCALE

O

OC	ON CENTER
OL	OVERLOAD CONTACT

P

ø	PHASE
PNL	PANEL
PR	PAIR
PE	PHOTO ELECTRIC
PRI	PRIMARY
PIR	PASSIVE INFRARED
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PWR	POWER

R

REC	RECEPTACLE
REQ'D.	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RT	RAINTIGHT

S

SEC	SECONDARY
SMK	SMOKE
SPC	SINGLE POINT CONNECTION
SR	SUNRISE
SS	SUNSET
STD	STANDARD
SUPVR	SUPERVISORY
SWBD	SWITCHBOARD

T

TYP	TYPICAL

U

UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORIES

V

V	VOLTS
VAC	VOLTAGE, ALTERNATING CURRENT
VDC	VOLTAGE, DIRECT CURRENT

W

W	WATTS, WIRE, WIDTH
WP	WEATHERPROOF

X

XFMR	TRANSFORMER

FEEDER SCHEDULE

TYPE THHN/THWN INSUL. COPPER CONDUCTOR AMPACITY BASED ON (75° TEMP. RATING) IN RIGID METAL CONDUIT
DRY INTERIOR LOCATIONS: EMT WITH CAST COMPRESSION FITTINGS
WET EXTERIOR LOCATIONS: RGS WITH CAST FITTINGS
UNDERGROUND INSTALLATIONS: SCHEDULE 80 PVC
BASED ON 40% FILL CAPACITIES, MINIMUM CONDUIT SIZE – 3/4"

FEEDER DESIGNATION	3PH+G PHASE + GND. CONDUCTORS AND CONDUIT SIZE	FEEDER DESIGNATION	3PH+N+G PHASE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE	FEEDER DESIGNATION	2 WIRE + GND. OR 1 WIRE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE
20	3#12+#12 GND., 3/4"C	20N	4#12+#12 GND., 3/4"C	20S	2#12+#12 GND., 3/4"C
30	3#10+#10 GND., 3/4"C	30N	4#10+#10 GND., 3/4"C	30S	2#10+#10 GND., 3/4"C
50	3#8+#10 GND., 1"C	50N	4#8+#10 GND., 1"C	50S	2#8+#10 GND., 1"C
65	3#6+#8 GND., 1"C	65N	4#6+#8 GND., 1 1/4"C	65S	2#6+#8 GND., 1"C
85	3#4+#8 GND., 1 1/4"C	85N	4#4+#8 GND., 1 1/4"C	85S	2#4+#8 GND., 1 1/4"C
100	3#3+#8 GND., 1 1/4"C	100N	4#3+#8 GND., 1 1/2"C	100S	2#3+#8 GND., 1 1/4"C
115	3#2+#6 GND., 1 1/2"C	115N	4#2+#6 GND., 1 1/2"C	115S	2#2+#6 GND., 1 1/2"C
130	3#1+#6 GND., 1 1/2"C	130N	4#1+#6 GND., 2"C	130S	2#1+#6 GND., 1 1/2"C
150	3#1/0+#6 GND., 2"C	150N	4#1/0+#6 GND., 2"C	150S	2#1/0+#6 GND., 2"C
175	3#2/0+#6 GND., 2"C	175N	4#2/0+#6 GND., 2 1/2"C	175S	2#2/0+#6 GND., 2"C
200	3#3/0+#6 GND., 2"C	200N	4#3/0+#6 GND., 2 1/2"C	200S	2#3/0+#6 GND., 2"C
230	3#4/0+#4 GND., 2 1/2"C	230N	4#4/0+#4 GND., 3"C	230S	2#4/0+#4 GND., 2 1/2"C
255	3#250+#4 GND., 2 1/2"C	255N	4#250+#4 GND., 3"C	255S	2#250+#4 GND., 2 1/2"C
285	3#300+#4 GND., 3"C	285N	4#300+#4 GND., 3"C	285S	2#300+#4 GND., 3"C
310	3#350+#3 GND., 3"C	310N	4#350+#3 GND., 4"C	310S	2#350+#3 GND., 3"C
335	3#400+#3 GND., 3"C	335N	4#400+#3 GND., 4"C	335S	2#400+#3 GND., 4"C
380	3#500+#3 GND., 4"C	380N	4#500+#3 GND., 4"C	380S	2#500+#3 GND., 4"C
400	2 SETS(3#3/0+#3 GND., 2"C)	400N	2 SETS(4#3/0+#3 GND., 2 1/2"C)		
420	3#600+#2 GND., 4"C	420N	4#600+#2 GND., 4"C		
460	2 SETS(3#4/0+#2 GND., 2"C)	460N	2 SETS(4#4/0+#2 GND., 2 1/2"C)		
510	2 SETS(3#250+#1 GND., 2 1/2"C)	510N	2 SETS(4#250+#1 GND., 3"C)		
570	2 SETS(3#300+#4 GND., 2 1/2"C)	570N	2 SETS(4#300+#4 GND., 3"C)		
620	2 SETS(3#350+#1/0 GND., 3"C)	620N	2 SETS(4#350+#1/0 GND., 3"C)		
760	2 SETS(3#500+#1/0 GND., 3"C)	760N	2 SETS(4#500+#1/0 GND., 4"C)		
840	2 SETS(3#600+#2/0 GND., 4"C)	840N	2 SETS(4#600+#2/0 GND., 4"C)		
855	3 SETS(3#300+#2/0 GND., 2 1/2"C)	855N	3 SETS(4#300+#2/0 GND., 3"C)		
1005	3 SETS(3#400+#3/0 GND., 3"C)	1005N	3 SETS(4#400+#3/0 GND., 3"C)		
1240	4 SETS(3#350+#4/0 GND., 3"C)	1240N	4 SETS(4#350+#4/0 GND., 4"C)		
1650	5 SETS(3#400+#250 GND., 3"C)	1650N	5 SETS(4#400+#250 GND., 4"C)		
2010	6 SETS(3#400+#350 GND., 3"C)	2010N	6 SETS(4#400+#350 GND., 4"C)		
2660	7 SETS(3#500+#450 GND., 4"C)	2660N	7 SETS(4#500+#400 GND., 4"C)		
3040	8 SETS(3#500+#500 GND., 4"C)	3040N	8 SETS(4#500+#500 GND., 4"C)		
4180	11 SETS(3#500+#700 GND., 4"C)	4180N	11 SETS(4#500+#700 GND., 4"C)		

LUMINAIRE SCHEDULE (1) (2)

TAG	NOTES	DESCRIPTION	CATALOG	VOLTAGE	LAMP	COLOR TEMP.	CATALOG #
F1	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	46.6W	3500K	ALB # 2BLT4 60L ADP LP835
F2	1,4,6,8	2X2 LAY IN FIXTURE	LITHONIA LIGHTING	277	26.48W	3500K	ABL # 2BLT2 33L ADP LP835
F3	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	39.28W	3500K	ABL # 2BLT4 48L ADP LP835
F4	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	30.46W	3500K	ABL # 2BLT4 40L ADP LP835
F5	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	22.52W	3500K	ABL # 2BLT4 30L ADP LP835
F6	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	29.83W	3500K	ABL # 2GTL4 40L A19 LP835
F7	1,4,6,8	2x4 LAY IN FIXTURE	LITHONIA LIGHTING	277	23.3W	3500K	ABL # 2GTL4 30L A19 LP835
F8	1,4,6,8	CAN LIGHTING	LITHONIA LIGHTING	277	8.91W	3500K	ABL # LDN6 35_07 LO6AR LSS
F9	1,4,6,8	CAN LIGHTING	LITHONIA LIGHTING	277	17.52W	3500K	ABL # LDN6 35_15 LO6AR LSS
F10	1,4,6,8	CAN LIGHTING	LITHONIA LIGHTING	277	22.52W	3500K	ABL # LDN5 35_20 LO6AR LSS
F11	1,4,6,8	CAN LIGHTING	LITHONIA LIGHTING	277	10.44W	3500K	ABL # LDN5 35_10 LO6AR LSS
F12	1,2,4,6,8	CAN LIGHTING	GOTHAM ARCHITECTURAL LIGHTING	277	14.7W	3500K	GOTHAM # EVO6SH 35_10 DFR SMO
F13	1,4,6,8	2X2 LAY IN FIXTURE	NEW STAR LIGHTING	277	40W	3500K	NS # AGM22-OP-UN-40
F14	1,4,6,8	2x4 LAY IN FIXTURE	NEW STAR LIGHTING	277	80W	3500K	NS # AGM24-OP-UN-41
F15	1,4,6,8	2X2 LAY IN FIXTURE	LITHONIA LIGHTING	277	42.86W	3500K	ABL # 2BLT2 48L ADP LP835
F16	1,4,6,8	4FT RECESSED LINEAR LED	MARK ARCHITECTURAL LIGHTING	277	41.18W	3500K	ABL # SL6L 4 FLP 80CRI 35K 1200LMF
F17	1,4,6,8	4" CAN LIGHT	LITHONIA LIGHTING	277	5.74W	3500K	LDN4 35_05 LO4AR LSS
F18	1,4,6,8	4FT LED STRIP LIGHT	LITHONIA LIGHTING	277	40.56W	3500K	ABL # ZL1D L48 5000LM FST MVOLT 35K 80CRI
F19	1,4,6,8	8FT LED STRIP LIGHT	LITHONIA LIGHTING	277	59.94W	3500K	TZL1D L96 6000LM FST MVOLT 35K 80CRI
F20	4,7,8	HIGH BAY LIGHTING	LITHONIA LIGHTING	277	53.81W	3500K	ABL # IBG 2FT 8000LM SEF WD PFL 40K 80CRI
F21	4,7,8	4FT SUSPENDED PENDANT	MARK ARCHITECTURAL LIGHTING	277	25.09W	3500K	ABL # S2PD 4FT 80CRI 35K 800LMF STD FLL
F22	8	VANITY LIGHT	BROWNLEE LIGHTING	277	33.821W	3500K	5178-24-H16-35K
F23	4,7,8	4FT SUSPENDED PENDANT	MARK ARCHITECTURAL LIGHTING	277	25.5W	3500K	ABL # S4PID 4FT 80CRI 35K 600LMF DBW I300LMF BW FLLC
F24	4,7,8	2FT SUSPENDED PENDANT	MARK ARCHITECTURAL LIGHTING	277	33.13	3500K	S4PID 2FT 80CRI 35K 800LMF DBW I300LMF BW FLLC
F25	4,7,8	4FT SUSPENDED PENDANT	MARK ARCHITECTURAL LIGHTING	277	33.13	3500K	S4PID 4FT 80CRI 35K 800LMF DBW I300LMF BW FLLC
F26	2,9	SINGLE POLE LIGHT	U.S. ARCHITECTURAL LIGHTING	277	173.5W	4000K	VLL-PLED-III-W-80LED-700mA-40K-UNV-1-RAL-9005-T-HS-PLED
F27	2,9	SINGLE POLE LIGHT	U.S. ARCHITECTURAL LIGHTING	277	173.5W	4000K	VLL-PLED-IV-W-80LED-700mA-40K-UNV-1-RAL-9005-T-HS-PLED
F28	2,9	SINGLE POLE LIGHT	U.S. ARCHITECTURAL LIGHTING	277	173.5W	4000K	VLL-PLED-VSQ-W-80LED-700mA-40K-UNV-1-RAL-9005-T
F29	2,9	DOUBLE POLE LIGHT - 180 DEGREES	U.S. ARCHITECTURAL LIGHTING	277	347W	4000K	VLL-PLED-VSQ-W-80LED-700mA-40K-UNV-2-180-RAL-9005-T
F30	2,3	WALL LIGHT	U.S. ARCHITECTURAL LIGHTING	277	21.4W	4000K	LXT-WM1-PLED-III-M-20LED-350mA-40K
F31	2,3	FLAG POLE LIGHT	HYDREL	277	10.06	4000K	PDX4 9LED WHT41KMVOLT FLC SP
F32	4,8	4FT WALL LIGHT	MARK ARCHITECTURAL LIGHTING	277	39.65	3500K	S4WID 4FT 80CRI 35K 1000LMF STD I300LMF ISTD FLL
F33	2,3	CAN LIGHTING	LITHONIA LIGHTING	277	17.5	4000K	LDN4 40/15 LO4 AR LSS X MVOLT
F34	2,3	CAN LIGHTING	LITHONIA LIGHTING	277	8.6	4000K	LDN4 40/07 LO4 AR LSS X MVOLT
F35	2,3	WALL SCONCE	LUMINIS	277	60	4000K	SYP402 L1L30 FLD UL1L30 UFLD 40K MVOLT
X1	5	RED LED EXIT SIGN, EDGE LIT, CEILING MOUNTED	LITHONIA LIGHTING	277	-	-	H-8562
X2	5	RED LED EXIT SIGN, WALL MOUNTED	LITHONIA LIGHTING ALL-CONDITIONS SERIES	277	-	-	LV S AW 1 G 120/277 EL N DL SD

LUMINARE SCHEDULE NOTES

1. CONTRACTOR SHALL COORDINATE FIXTURE TRIM TYPE WITH ARCHITECTURAL CEILING TYPE. SEE ARCHITECTURAL RCP.
2. UL LISTED AND APPROVED FOR WET LOCATIONS.
3. COORDINATE BUILDING PENETRATIONS WITH EXTERIOR BUILDING SURFACE MATERIALS. PROVIDE MANUFACTURERS LISTED PENETRATION SEALS. ALL PENETRATIONS SHALL BE MADE WATERPROOF. COORDINATE WITH OTHER TRADES REQUIREMENTS WHERE APPLICABLE.
4. WHEN FIXTURE IS DENOTED WITH AN "E", EXAMPLE – F1E, PROVIDE 90 MINUTE EMERGENCY OPERATION. WITH ACCESSIBLE SELF TEST SWITCH. WITH 5 YEAR WARRANTY. TEST SWITCH SHALL BE FIXTURE MOUNTED FOR ALL LOCATIONS, EXTERIOR FIXTURE TEST SWITCHES SHALL BE WEATHERPROOF. ALL LIGHTING FIXTURES WITH BATTERY PACKS REQUIRE A SEPARATE, NON–SWITCHED, HOT CONDUCTOR FOR OPERATION. DISCONNECTING POWER TO BATTERY PACKS WILL CAUSE THEM TO DISCHARGE. FOR FIXTURES THAT CAN'T BE ORDERED WITH A FIXTURE MOUNTED BATTERY, CONTRACTOR SHALL PROVIDE AN APPROPRIATELY SIZED INVERTER TO FEED LIGHT FIXTURES.
5. SEE SHEET E121 AND E122 FOR ARROW DIRECTIONS AND NUMBER OF FACES.
6. PROVIDE WITH TRIM KIT WHEN MOUNTING IN GYP. CEILING.
7. SUSPENDED MOUNTED FIXTURE. PROVIDE WITH ALL HARDWARE REQUIRED.
8. COORDINATE FIXTURE MOUNTING HEIGHT WITH THE ARCHITECTURAL PLANS.
9. PROVIDE WITH A 25' POLE. LITHONIA RTA 25 7E DM19AS FINISH. PROVIDE AND INSTALL CONCRETE POLE FOUNDATION. SEE SHEET E501 FOR DETAILS.

DRAWING E002 SPECIFIC NOTES

(1) ALTERNATE LIGHTING FIXTURE SUBMITTAL MUST BE SUBMITTED TO ENGINEER 10 DAYS PRIOR TO BID FOR REVIEW. SUBMITTAL SHALL BE COMPLETE INCLUDING ALL FIXTURES UTILIZED IN THE PROJECT, AS WELL AS POINT TO POINT PHOTOMETRICS. ANY EXCEPTIONS TO THE SPECIFIED FIXTURES SHALL BE CLEARLY NOTED OR ENTIRE PACKAGE WILL BE REJECTED.

(2) CONTRACTOR SHALL COORDINATE ALL FIXTURE MOUNTING HEIGHTS WITH THE ARCHITECTURAL PLANS PRIOR TO ROUGHING IN.

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BRADLEY PATANO LICENSE NO. 34564 PROFESSIONAL ENGINEER IN

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: NTS
PROJECT NO: 0315.23.001
DRAWN BY: BDD
CHECKED BY: KDB

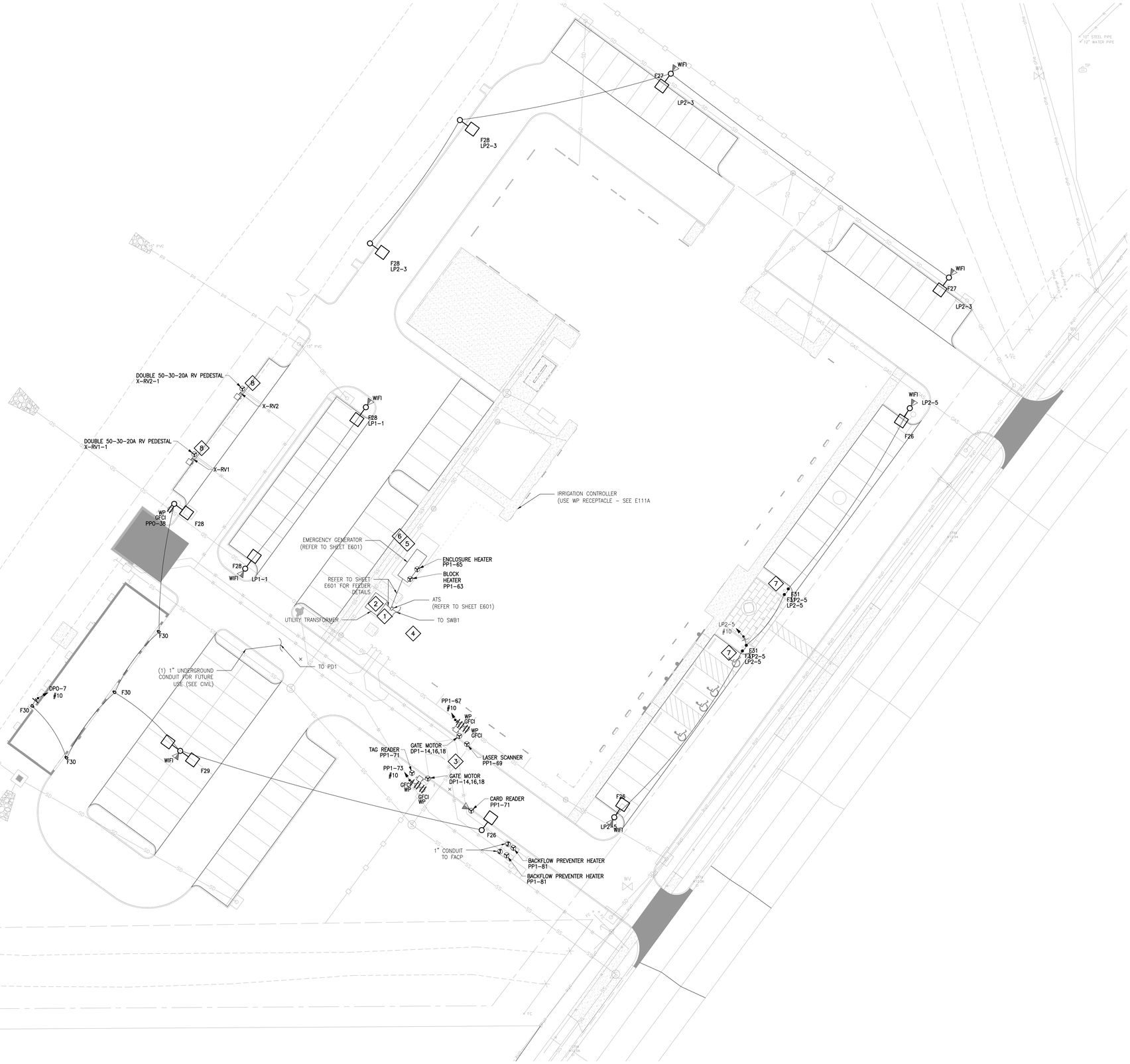
ELECTRICAL ABBREVIATIONS AND SCHEDULES

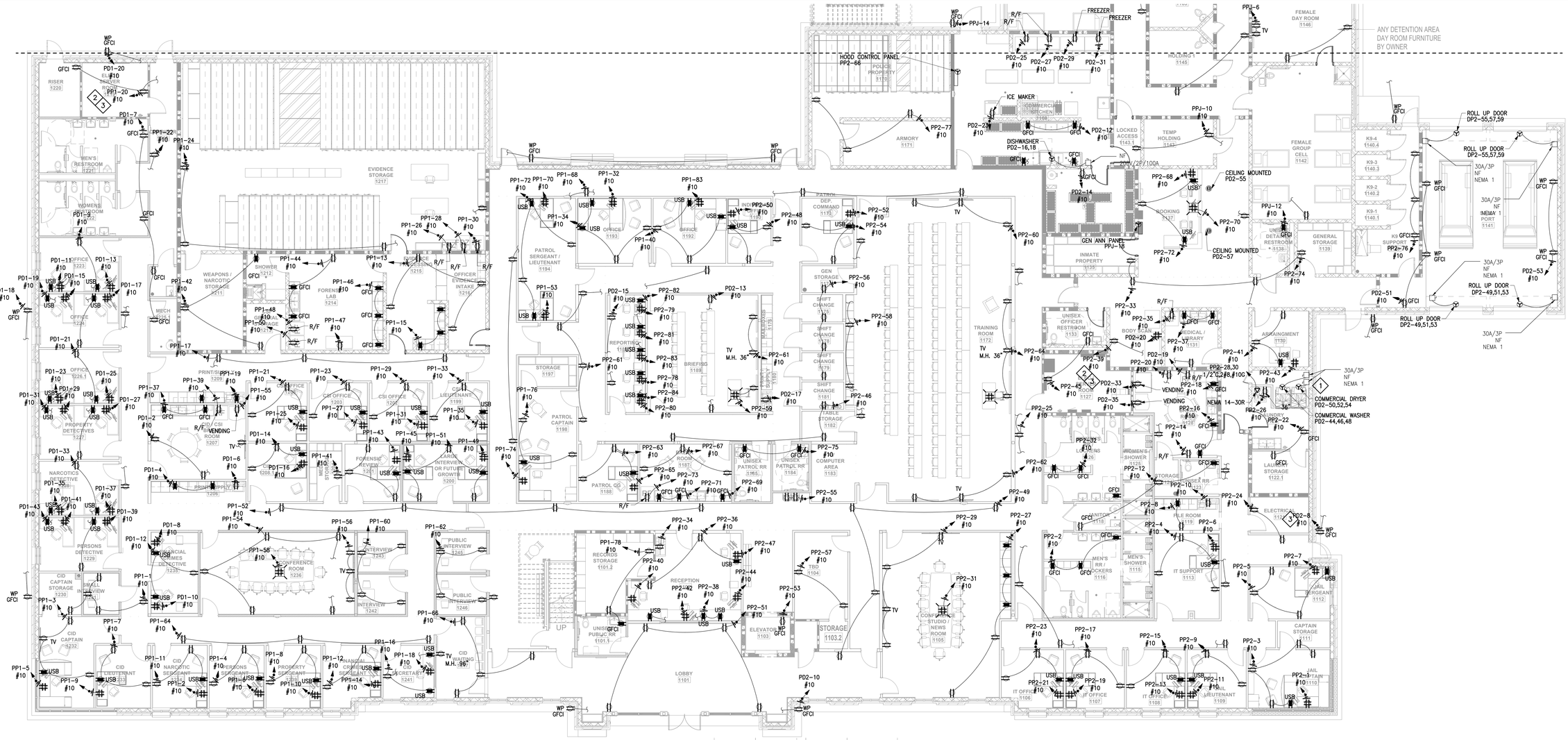
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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

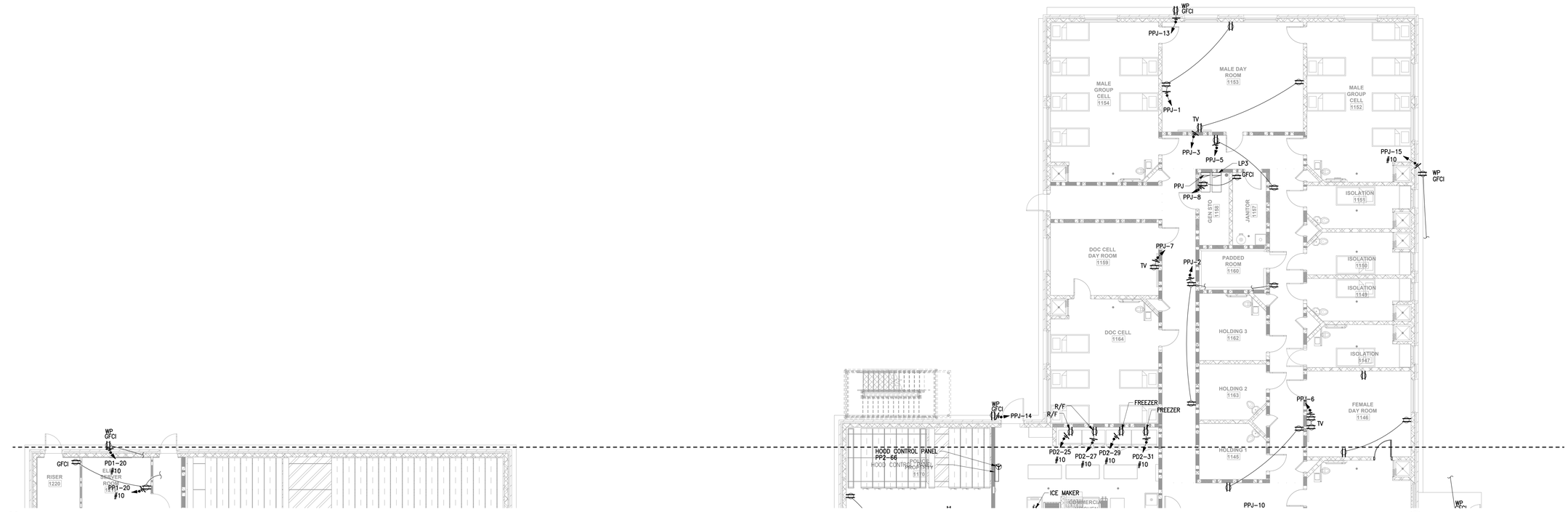
E002

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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WIFI
F27
LP2-3
F28
LP2-3
F28
LP2-3
WIFI
F27
LP2-3
WIFI
LP2-5
F26
DOUBLE 50-30-20A RV PEDESTAL
X-RV2-1
8
X-RV2
DOUBLE 50-30-20A RV PEDESTAL
X-RV1-1
9
X-RV1
WP
GFCI
PP0-38
F28
WIFI
F28
LP1-1
WIFI
F28
LP1-1
IRRIGATION CONTROLLER
(USE WP RECEPTACLE - SEE E111A
EMERGENCY GENERATOR
(REFER TO SHEET E601)
6
5
ENCLOSURE HEATER
PP1-65
BLOCK
HEATER
PP1-63
REFER TO SHEET
E601 FOR FEEDER
DETAILS
ATS
(REFER TO SHEET E601)
2
1
TO SWB1
UTILITY TRANSFORMER
4
TO PD1
(1) 1" UNDERGROUND
CONDUIT FOR FUTURE
USE. (SEE CIVIL)
F30
DP0-7
#10
F30
F30
F30
WIFI
F29
PP1-67
#10
WP
GFCI
WP
GFCI
TAG READER
PP1-71
GATE MOTOR
DP1-14,16,18
LASER SCANNER
PP1-69
3
PP1-73
#10
GFCI
WP
GATE MOTOR
DP1-14,16,18
GFCI
WP
CARD READER
PP1-71
F26
1" CONDUIT
TO FACP
BACKFLOW PREVENTER HEATER
PP1-81
BACKFLOW PREVENTER HEATER
PP1-81
LP2-5
#10
7
F31
F32P2-5
LP2-5
7
F31
F32P2-5
LP2-5
F28
LP2-5
WIFI
10" STEEL PIPE
12" WATER PIPE
TP
FC
FC
FC


EVIDENCE STORAGE 1217
MEN'S RESTROOM 1221
WOMENS RESTROOM 1222
RISER 1220
ELEVATOR 1102
WEAPONS / NARCOTIC STORAGE 1211
SHOWER 1212
GENDER NEUTRAL RESTROOM 1213
FORENSIC LAB 1214
MECH 1215
OFFICER EXCHANGE / INTAKE 1216
PROCESSING 1218
OFFICE 1223
OFFICE 1224
OFFICE 1225
PROPERTY DETECTIVES 1227
NARCOTICS DETECTIVE 1228
PERSONS DETECTIVE 1229
CID CAPTAIN STORAGE 1230
CID LIEUTENANT 1231
CID CAPTAIN 1232
FINANCIAL CRIMES DETECTIVE 1233
PRINTS 1209
CID / CSI VENDING ROOM 1207
PROPERTY SUPPLY 1208
CSI OFFICE 1202
CSI OFFICE 1201
CSI OFFICE 1199
CSI LIEUTENANT 1200
LARGE INTERVIEW OR FUTURE GROWTH 1200
FORENSIC REVIEW 1204
MEDIA STORAGE 1205
CONFERENCE ROOM 1236
INTERVIEW 1243
INTERVIEW 1242
PUBLIC INTERVIEW 1245
PUBLIC INTERVIEW 1246
CID NARCOTIC SERGEANT 1234
CID PERSONS SERGEANT 1235
PROPERTY SERGEANT 1237
FINANCIAL CRIMES SERGEANT 1238
CID SECRETARY 1241
CID WAITING M.H. 96"
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OFFICE 1193
OFFICE 1192
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STORAGE 1197
PATROL CAPTAIN 1198
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MAILBOXES 1179
SHIFT CHANGE 1175
SHIFT CHANGE 1178
SHIFT CHANGE 1179
SHIFT CHANGE 1181
TABLE STORAGE 1182
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UNISEX PATROL RR 1185
UNISEX PATROL RR 1184
COMPUTER AREA 1183
GEN STORAGE 1176
HOOD CONTROL PANEL PP2-66
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ARMORY 1171
WP GFCI
PJ-14
R/F
FREEZER
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PD2-27 #10
PD2-29 #10
PD2-31 #10
ICE MAKER
COMMERCIAL KITCHEN 1144
PD2-23 #10
GFCI
PD2-12 #10
DISHWASHER PD2-16,18
LOCKED ACCESS 1143.1
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NF 208V/2P/100A
PD2-14 #10
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ANY DETENTION AREA DAY ROOM FURNITURE BY OWNER
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FEMALE GROUP CELL 1142
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K9-3 1140.3
K9-2 1140.2
K9-1 1140.1
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30A/3P NF NEMA 1
30A/3P NF NEMA 1 INEMA 1 PORT 1141
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PD2-51 #10
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MEDICAL / LIBRARY 1131
ARRAIGNMENT 1130
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PP2-64 #10
PP2-33 #10
PP2-35 #10
PD2-20 #10
PP2-37 #10
PP2-39 #10
PP2-41 #10
PP2-43 #10
PD2-45 #10
ROOM 1127
PD2-33 #10
PD2-35 #10
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PP2-25 #10
PP2-32 #10
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WOMEN'S SHOWER 1125
PP2-62 #10
PP2-12 #10
STORAGE 1123
PP2-10 #10
PP2-24 #10
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PP2-8 #10
JANITOR 1118
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PP2-4 #10
PP2-6 #10
PP2-2 #10
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MEN'S SHOWER 1115
IT SUPPORT 1113
PP2-7 #10
PP2-5 #10
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CAPTAIN STORAGE 1111
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JAIL CAPTAIN 1110
PP2-23 #10
PP2-17 #10
PP2-15 #10
PP2-9 #10
PP2-3 #10
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IT OFFICE 1107
IT OFFICE 1108
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PP2-19 #10
PP2-13 #10
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RECEPTION 1102
UNISEX PUBLIC RR 1101.1
ELEVATOR 1103
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COMPUTER STUDIO / NEWS ROOM 1105
LOBBY 1101
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PP1-78 #10
PP2-34 #10
PP2-36 #10
PP2-40 #10
PP2-42 #10
PP2-38 #10
PP2-44 #10
PP2-47 #10
PP2-51 #10
PP2-53 #10
PP2-57 #10
PP2-29 #10
PP2-31 #10
PD2-10 #10
PP1-72 #10
PP1-70 #10
PP1-68 #10
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PP1-75 #10
PP1-77 #10
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PP1-81 #10
PP1-83 #10
PP1-85 #10
PP1-87 #10
PP1-89 #10
PP1-91 #10
PP1-93 #10
PP1-95 #10



1 ELECTRICAL POWER PLAN - FIRST FLOOR - SECTION B
SCALE: 1/8" = 1'

DRAWING E111B NOTES

1. ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. ALL RECEPTACLES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
3. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
4. CONTRACTOR SHALL COORDINATE COUNTER TOP RECEPTACLES AND ALL RECEPTACLES IN MILLWORK WITH ARCHITECTURAL SHEETS.
5. ALL RECEPTACLES SHALL BE TAMPER RESISTANT.
6. FOR TV'S. ALL POWER, DATA AND HDMI SHALL BE LOCATED IN THE SAME BACKBOX AND UNDER THE SAME FACEPLATE. DO NOT USE MULTIPLE SINGLE FACEPLATES AND BACK BOXES. (SEE E141B FOR DATA AND HDMI INFORMATION)
7. ALL RECEPTACLES IN DETENTION AREA SHALL BE CONTROLLED BY THE SECURITY CONTROL SYSTEM LOCATED IN BOOKING.

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STATE OF LOUISIANA
BRADLEY PATANO
LICENSE NO. 37509
PROFESSIONAL ENGINEER
BY
MECHANICAL ENGINEER

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: BDD
CHECKED BY: KDB

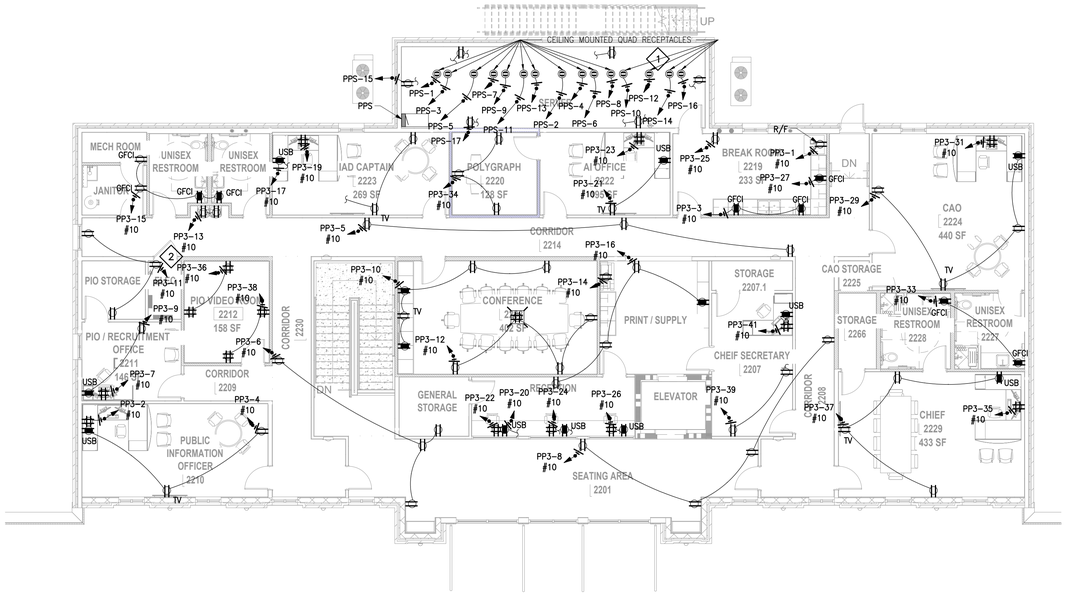
ELECTRICAL POWER PLAN - FIRST FLOOR - SECTION B

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.25.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

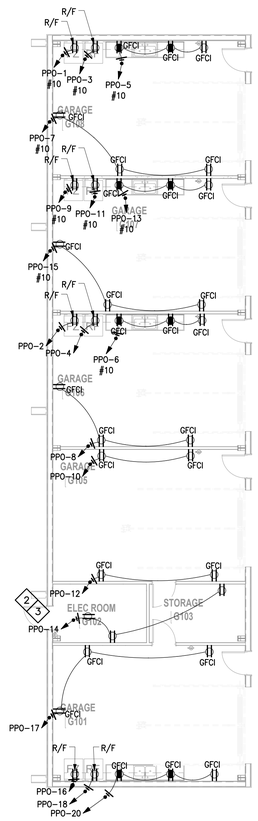
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1 ELECTRICAL POWER PLAN - SECOND FLOOR
SCALE: 1/8" = 1'



2 ELECTRICAL POWER PLAN - OUT BUILDING (ALTERNATE #1)
SCALE: 1/8" = 1'

DRAWING E112 NOTES

1. ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'–0" TO THE FIRST CURRENT–CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. ALL RECEPTACLES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
3. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
4. CONTRACTOR SHALL COORDINATE COUNTER TOP RECEPTACLES AND ALL RECEPTACLES IN MILLWORK WITH ARCHITECTURAL SHEETS.
5. ALL RECEPTACLES SHALL BE TAMPER RESISTANT.
6. FOR TV'S. ALL POWER, DATA AND HDMI SHALL BE LOCATED IN THE SAME BACKBOX AND UNDER THE SAME FACEPLATE. DO NOT USE MULTIPLE SINGLE FACEPLATES AND BACK BOXES. (SEE E142 FOR DATA AND HDMI INFORMATION)
7. ALL RECEPTACLES IN THE OUT BUILDING SHALL BE MOUNTED AT 36" A.F.F. UNLESS OTHERWISE INDICATED. COORDINATE ALL COUNTER TOP RECEPTACLES WITH ARCHITECTURAL MILLWORK.

DRAWING E112 SPECIFIC NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER FOR EXACT SERVER ROOM ELECTRICAL REQUIREMENTS.
2. CONTRACTOR SHALL REFERENCE SHEET E201 FOR ENLARGED ELECTRICAL ROOM LAYOUT.
3. CONTRACTOR SHALL REFERENCE SHEET E201 FOR ENLARGED DATA ROOM LAYOUT.

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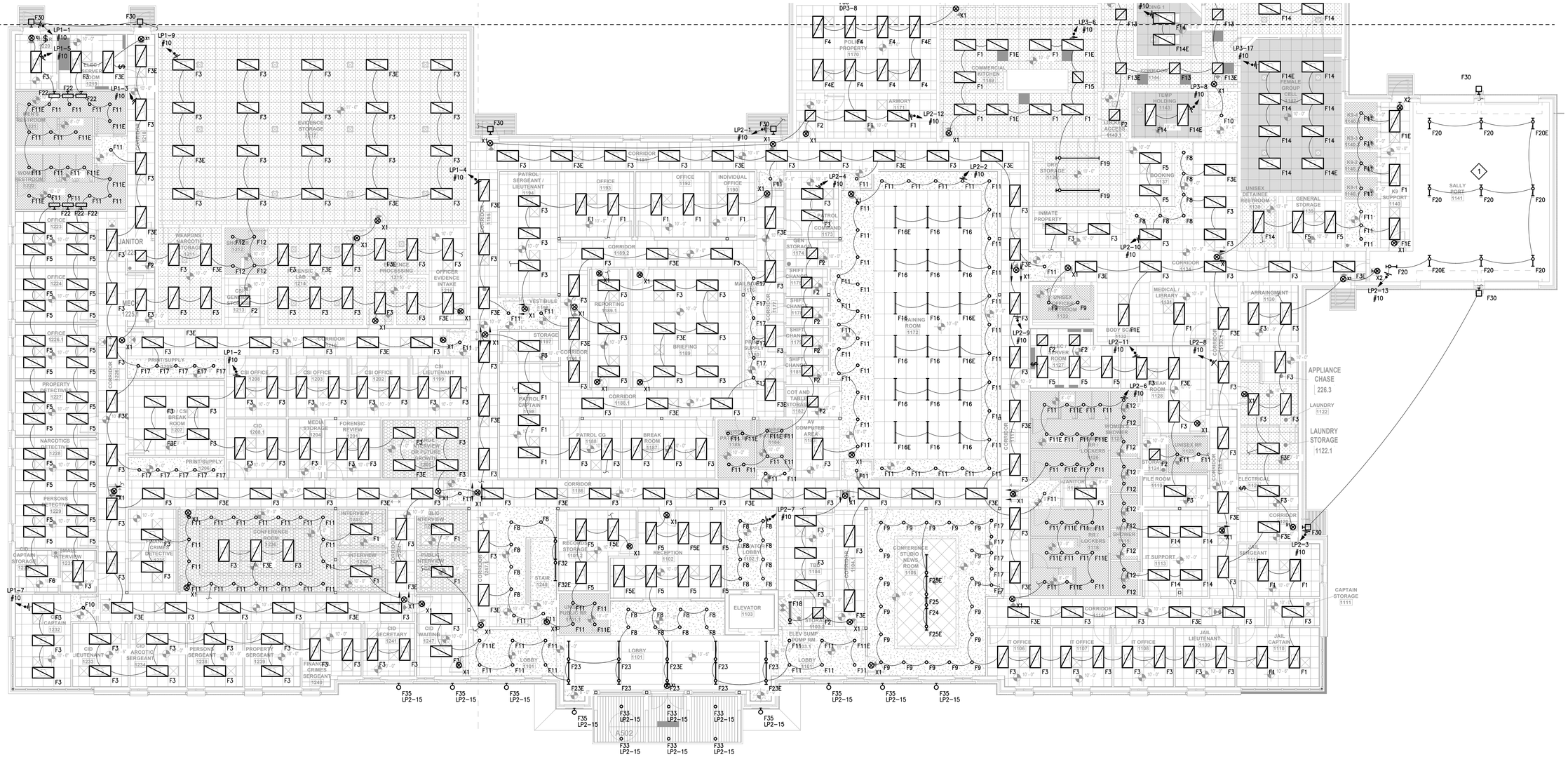
ELECTRICAL POWER PLAN - SECOND FLOOR & OUT BUILDING

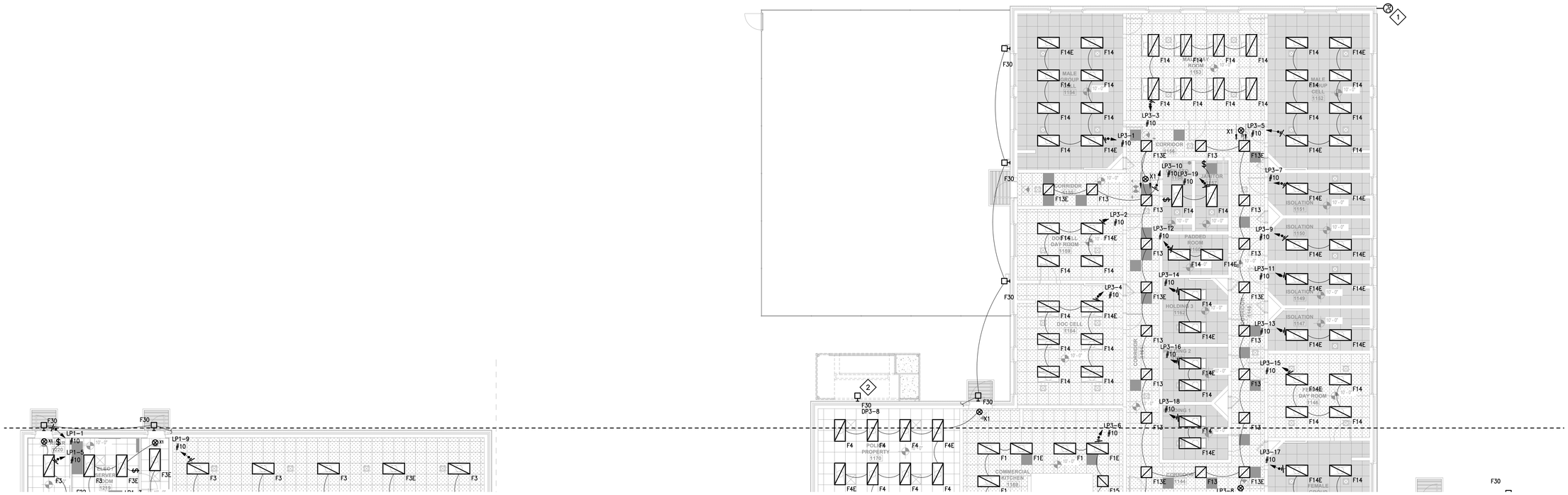
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OFFICE 1223
JANITOR 1222
WEAPONS / NARCOTICS STORAGE 1214
CSI GENERAL STORAGE 1213
FORENSIC LAB 1216
EVIDENCE PROCESSING 1215
OFFICER EVIDENCE INTAKE 1217
EVIDENCE STORAGE 1217
MEN'S RESTROOM 1220
WOMEN'S RESTROOM 1221
OFFICE 1224
OFFICE 1225
OFFICE 1226.1
PROPERTY DETECTIVE 1227
NARCOTICS DETECTIVE 1228
PERSONS DETECTIVE 1229
CID CAPTAIN STORAGE
SMALL INTERVIEW 1231
CID LIEUTENANT 1233
CID ARCOTIC SERGEANT 1234
PERSONS SERGEANT 1238
PROPERTY SERGEANT 1239
FINANCIAL CRIMES SERGEANT 1240
CID SECRETARY 1241
CID WAITING 1247
CORRIDOR 1235
CORRIDOR 1236
CORRIDOR 1237
PRINT/SUPPLY 1208
CSI OFFICE 1208
CSI OFFICE 1203
CSI OFFICE 1202
CSI LIEUTENANT 1199
CID 1208.1
MEDIA STORAGE 1204
FORENSIC REVIEW 1205
HOLD FOR REVIEW OR FUTURE GROWTH 1206
CSI / CID BREAK ROOM 1207
CONFERENCE ROOM 1230
INTERVIEW 1242
INTERVIEW 1243
BLIND INTERVIEW 1244
PUBLIC INTERVIEW 1245
CORRIDOR 1246
STAIR 1248
CORRIDOR 1250
CORRIDOR 1251
CORRIDOR 1252
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CORRIDOR



1 ELECTRICAL LIGHTING PLAN - FIRST FLOOR - SECTION B
SCALE: 1/8" = 1'

DRAWING E121B NOTES

1. ALL LIGHTING CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS IN ARCHITECTURAL FINISHES.
3. REFERENCE ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHTS OF LIGHT FIXTURES.
4. REFER TO SHEET E131B FOR LIGHTING CONTROLS.
5. LIGHTING IN THE DETENTION AREA SHALL BE CONTROLLED FROM THE SECURITY TOUCH SCREEN AT BOOKING.

DRAWING E121B SPECIFIC NOTES

1. PHOTOCELL PROVIDES CONTROL FOR LC-1 AND LC-2. MOUNT AS HIGH AS POSSIBLE.
2. COORDINATE MOUNTING HEIGHT WITH STAIRWELL.

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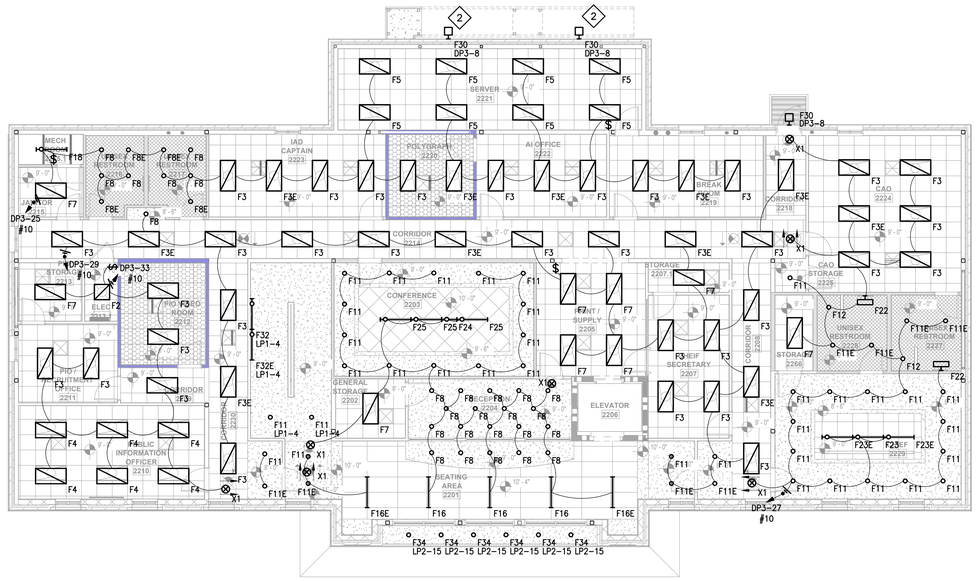
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ELECTRICAL LIGHTING PLAN - FIRST FLOOR - SECTION B

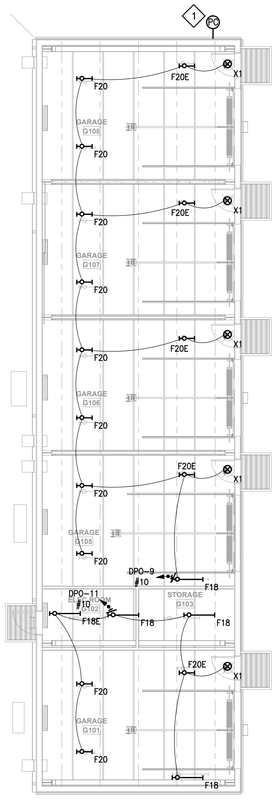
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E121B

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1 ELECTRICAL LIGHTING PLAN - SECOND FLOOR
SCALE: 1/8" = 1'



2 ELECTRICAL LIGHTING PLAN - OUT BUILDING (ALTERNATE #1)
SCALE: 1/8" = 1'

DRAWING E122 NOTES

1. ALL LIGHTING CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS IN ARCHITECTURAL FINISHES.
3. REFERENCE ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHTS OF LIGHT FIXTURES.
4. REFER TO SHEET E132 FOR LIGHTING CONTROLS.
5. REFER TO SHEET E101 FOR BUILDING MOUNTED LIGHT FIXTURES.
6. CONTRACTOR SHALL ROUTE CIRCUIT LP2-15 THROUGH LIGHTING CONTACTOR LC-2.

DRAWING E122 SPECIFIC NOTES

1. PHOTOCELL PROVIDES CONTROL FOR LC-3. MOUNT AS HIGH AS POSSIBLE.
2. COORDINATE MOUNTING HEIGHT WITH STAIRWELL.

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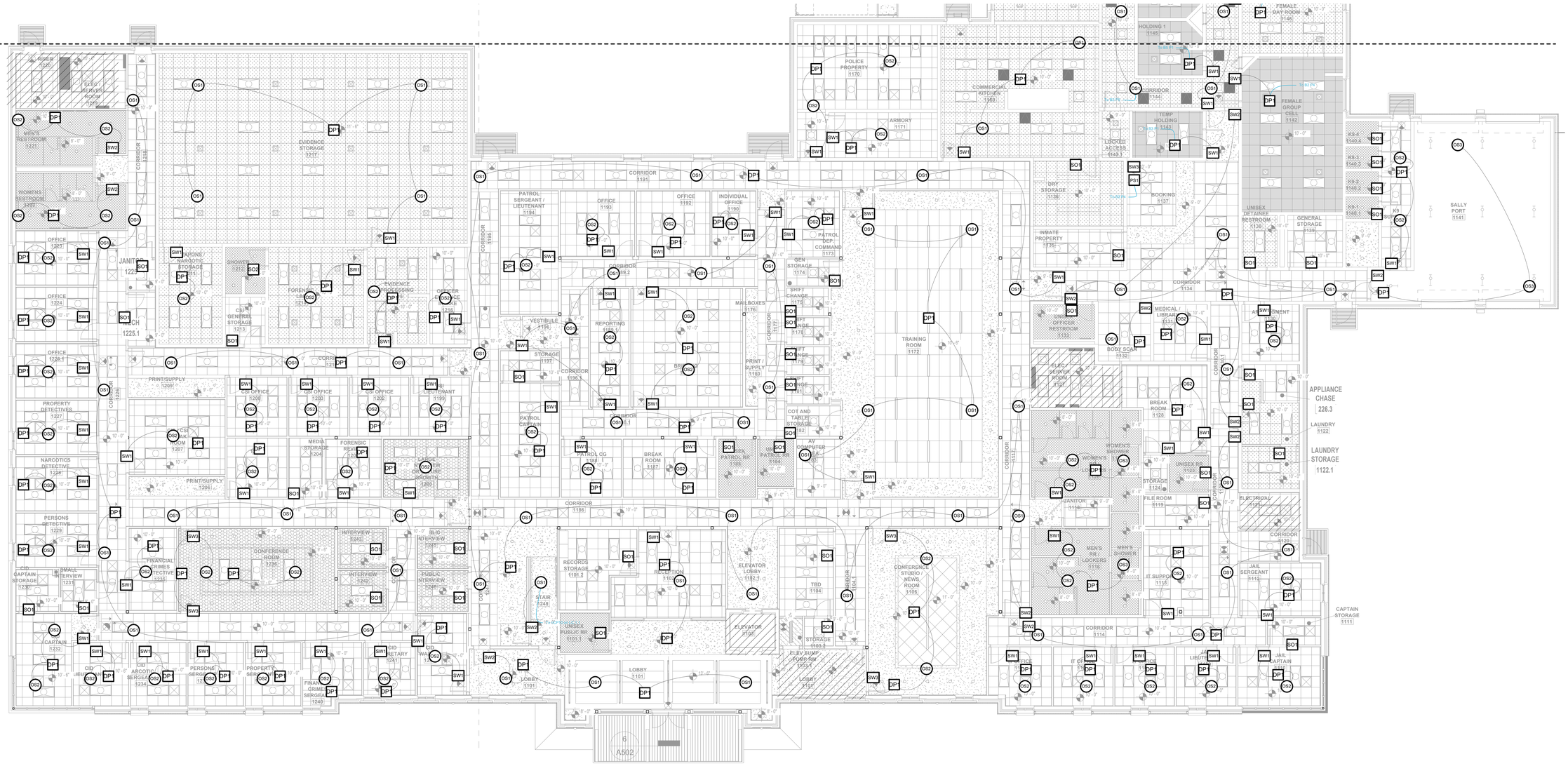
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ELECTRICAL LIGHTING PLAN - SECOND FLOOR & OUT BUILDING

E122

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1 ELECTRICAL LIGHTING CONTROLS PLAN - FIRST FLOOR - SECTION A

SCALE: 1/8" = 1'

DRAWING E131A NOTES

1. REFERENCE SHEET E121A FOR LIGHTING PLANS.

2. CONTROL SYSTEM BASIS OF DESIGN:
   2.1. LIGHTING CONTROL SYSTEM SHALL BE ACUITY nLIGHT (NETWORKED, DIGITAL).
   2.2. EQUIVALENT SUBSTITUTIONS MUST BE PRE-APPROVED BY ENGINEER PRIOR TO BID.

3. CODE COMPLIANCE:
   3.1. SYSTEM SHALL COMPLY WITH ASHRAE 90.1, IECC, AND LOCAL ENERGY CODES.
   3.2. PROVIDE AUTOMATIC SHUTOFF, OCCUPANCY/VACANCY SENSING, AND MANUAL CONTROL WHERE REQUIRED.
   3.3. EMERGENCY AND EGRESS LIGHTING SHALL COMPLY WITH NFPA 101 AND NEC REQUIREMENTS; UL 924 RELAYS SHALL BYPASS LOCAL CONTROLS UPON NORMAL POWER LOSS.

4. DEVICES AND ZONES:
   4.1. OCCUPANCY/VACANCY SENSORS, PHOTOCELLS, WALL STATIONS, AND DIMMERS SHALL BE nLIGHT COMPATIBLE AND FACTORY TESTED.
   4.2. EACH SPACE SHALL HAVE INDIVIDUAL CONTROL ZONES AS SHOWN ON PLANS; CONTRACTOR SHALL COORDINATE ACTUAL PARTITION LAYOUTS WITH FINAL ZONING.
   4.3. COORDINATE SWITCHES WITH DOOR SWING AND ADA REQUIREMENTS.

5. WIRING AND INFRASTRUCTURE:
   5.1. PROVIDE LOW-VOLTAGE CAT6 OR MANUFACTURER RECOMMENDED CONTROL CABLING.
   5.2. IN ACCESSIBLE CEILINGS, CONTRACTOR MAY ROUTE CABLE ON J-HOOKS (SPACED AT ≤ 5FT AND SIZED FOR ≤ 60% FILL). IN INACCESSIBLE CEILINGS OR WHERE EXPOSED, PROVIDE CONDUIT.
   5.3. MAINTAIN SEPARATION BETWEEN LOW-VOLTAGE AND LINE-VOLTAGE WIRING PER MANUFACTURER AND NEC SPACING REQUIREMENTS.

6. NETWORK AND INTEGRATION:
   6.1. PROVIDE GATEWAYS/CONTROLLERS FOR INTEGRATION OF nLIGHT DEVICES WITH BUILDING NETWORK. PROVIDE DEDICATED 120V POWER FROM NEAREST PANELBOARD AS REQUIRED.
   6.2. COORDINATE IP ADDRESSING AND SECURITY REQUIREMENTS WITH OWNER'S IT DEPARTMENT.
   6.3. PROVIDE TIME-CLOCK SCHEDULING AND GLOBAL OVERRIDE CAPABILITY.

7. EMERGENCY LIGHTING INTEGRATION:
   7.1. ALL EMERGENCY LUMINAIRES CONTROLLED BY nLIGHT SHALL HAVE UL 924 EMERGENCY CONTROL RELAYS.
   7.2. RELAYS SHALL FORCE FIXTURES TO FULL OUTPUT UPON LOSS OF NORMAL POWER, REGARDLESS OF SWITCH/DIMMER STATE.

DRAWING E131A NOTES (CONT.)

8. COMMISSIONING AND STARTUP:
   8.1. ACUITY SHALL COORDINATE A PRE-INSTALLATION MEETING WITH CONTRACTOR AND ENGINEER PRIOR TO STARTING WORK.
   8.2. SYSTEM SHALL BE PROGRAMMED AND COMMISSIONED BY AN ACUITY CERTIFIED TECHNICIAN.
   8.3. PROVIDE LOAD SCHEDULES, ZONING MAPS, AND FINAL PROGRAMMING FILES TO OWNER AT TURNOVER.
   8.4. COORDINATE COMMISSIONING WITH ARCHITECT, ENGINEER, AND OWNER'S REP FOR ACCEPTANCE TESTING

9. TRAINING AND O&M:
   9.1. PROVIDE A MINIMUM OF TWO TRAINING SESSIONS FOR OWNER'S STAFF (FACILITIES AND ADMINISTRATION SEPARATELY)
   9.2. PROVIDE RECORDED TRAINING MATERIALS AND USER MANUALS.
   9.3. DELIVER ALL PASSWORDS, SOFTWARE, AND CONFIGURATION FILES AT PROJECT CLOSEOUT.

10. SUBMITTALS:
    10.1. SUBMIT SHOP DRAWINGS INDICATING DEVICE LOCATIONS, CONTROL ZONES, RISERS AND NETWORK TOPOLOGY.
    10.2. SUBMIT MANUFACTURER'S CUT SHEETS FOR ALL DEVICES, RELAYS, AND GATEWAYS.
    10.3. PROVIDE SEQUENCE OF OPERATIONS FOR EACH SPACE TYPE, COORDINATED WITH SPECIFICATIONS.

11. COORDINATE CONTROLS IN DETENTION WITH SECURITY SYSTEM CONTROLLED AT BOOKING.

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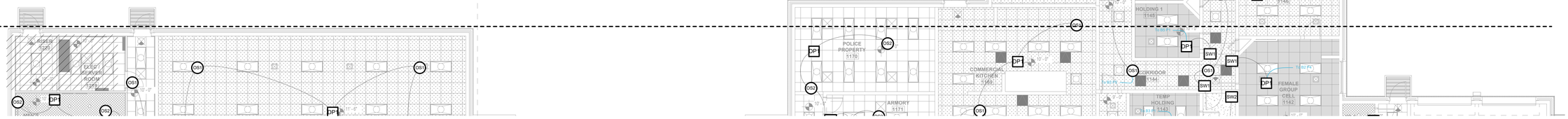
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ELECTRICAL LIGHTING PLAN - FIRST FLOOR - SECTION A

E131A

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1 ELECTRICAL LIGHTING CONTROLS PLAN - FIRST FLOOR - SECTION B
SCALE: 1/8" = 1'

DRAWING E131B NOTES

1. REFERENCE SHEET E121B FOR LIGHTING PLANS.

2. CONTROL SYSTEM BASIS OF DESIGN:
   - 2.1. LIGHTING CONTROL SYSTEM SHALL BE ACUITY nLIGHT (NETWORKED, DIGITAL).
   - 2.2. EQUIVALENT SUBSTITUTIONS MUST BE PRE-APPROVED BY ENGINEER PRIOR TO BID.

3. CODE COMPLIANCE:
   - 3.1. SYSTEM SHALL COMPLY WITH ASHRAE 90.1, IECC, AND LOCAL ENERGY CODES.
   - 3.2. PROVIDE AUTOMATIC SHUTOFF, OCCUPANCY/VACANCY SENSING, AND MANUAL CONTROL WHERE REQUIRED.
   - 3.3. EMERGENCY AND EGRESS LIGHTING SHALL COMPLY WITH NFPA 101 AND NEC REQUIREMENTS; UL 924 RELAYS SHALL BYPASS LOCAL CONTROLS UPON NORMAL POWER LOSS.

4. DEVICES AND ZONES:
   - 4.1. OCCUPANCY/VACANCY SENSORS, PHOTOCELLS, WALL STATIONS, AND DIMMERS SHALL BE nLIGHT COMPATIBLE AND FACTORY TESTED.
   - 4.2. EACH SPACE SHALL HAVE INDIVIDUAL CONTROL ZONES AS SHOWN ON PLANS; CONTRACTOR SHALL COORDINATE ACTUAL PARTITION LAYOUTS WITH FINAL ZONING.
   - 4.3. COORDINATE SWITCHES WITH DOOR SWING AND ADA REQUIREMENTS.

5. WIRING AND INFRASTRUCTURE:
   - 5.1. PROVIDE LOW-VOLTAGE CAT6 OR MANUFACTURER RECOMMENDED CONTROL CABLING.
   - 5.2. IN ACCESSIBLE CEILINGS, CONTRACTOR MAY ROUTE CABLE ON J-HOOKS (SPACED AT ≤ 5FT AND SIZED FOR ≤ 60% FILL). IN INACCESSIBLE CEILINGS OR WHERE EXPOSED, PROVIDE CONDUIT.
   - 5.3. MAINTAIN SEPARATION BETWEEN LOW-VOLTAGE AND LINE-VOLTAGE WIRING PER MANUFACTURER AND NEC SPACING REQUIREMENTS.

6. NETWORK AND INTEGRATION:
   - 6.1. PROVIDE GATEWAYS/CONTROLLERS FOR INTEGRATION OF nLIGHT DEVICES WITH BUILDING NETWORK. PROVIDE DEDICATED 120V POWER FROM NEAREST PANELBOARD AS REQUIRED.
   - 6.2. COORDINATE IP ADDRESSING AND SECURITY REQUIREMENTS WITH OWNER'S IT DEPARTMENT.
   - 6.3. PROVIDE TIME-CLOCK SCHEDULING AND GLOBAL OVERRIDE CAPABILITY.

7. EMERGENCY LIGHTING INTEGRATION:
   - 7.1. ALL EMERGENCY LUMINAIRES CONTROLLED BY nLIGHT SHALL HAVE UL 924 EMERGENCY CONTROL RELAYS.
   - 7.2. RELAYS SHALL FORCE FIXTURES TO FULL OUTPUT UPON LOSS OF NORMAL POWER, REGARDLESS OF SWITCH/DIMMER STATE.

DRAWING E131B NOTES (CONT.)

8. COMMISSIONING AND STARTUP:
   - 8.1. ACUITY SHALL COORDINATE A PRE-INSTALLATION MEETING WITH CONTRACTOR AND ENGINEER PRIOR TO STARTING WORK.
   - 8.2. SYSTEM SHALL BE PROGRAMMED AND COMMISSIONED BY AN ACUITY CERTIFIED TECHNICIAN.
   - 8.3. PROVIDE LOAD SCHEDULES, ZONING MAPS, AND FINAL PROGRAMMING FILES TO OWNER AT TURNOVER.
   - 8.4. COORDINATE COMMISSIONING WITH ARCHITECT, ENGINEER, AND OWNER'S REP FOR ACCEPTANCE TESTING

9. TRAINING AND O&M:
   - 9.1. PROVIDE A MINIMUM OF TWO TRAINING SESSIONS FOR OWNER'S STAFF (FACILITIES AND ADMINISTRATION SEPARATELY)
   - 9.2. PROVIDE RECORDED TRAINING MATERIALS AND USER MANUALS.
   - 9.3. DELIVER ALL PASSWORDS, SOFTWARE, AND CONFIGURATION FILES AT PROJECT CLOSEOUT.

10. SUBMITTALS:
    - 10.1. SUBMIT SHOP DRAWINGS INDICATING DEVICE LOCATIONS, CONTROL ZONES, RISERS AND NETWORK TOPOLOGY.
    - 10.2. SUBMIT MANUFACTURER'S CUT SHEETS FOR ALL DEVICES, RELAYS, AND GATEWAYS.
    - 10.3. PROVIDE SEQUENCE OF OPERATIONS FOR EACH SPACE TYPE, COORDINATED WITH SPECIFICATIONS.

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911 ROBERT BLVD, SLIDELL LA 70458

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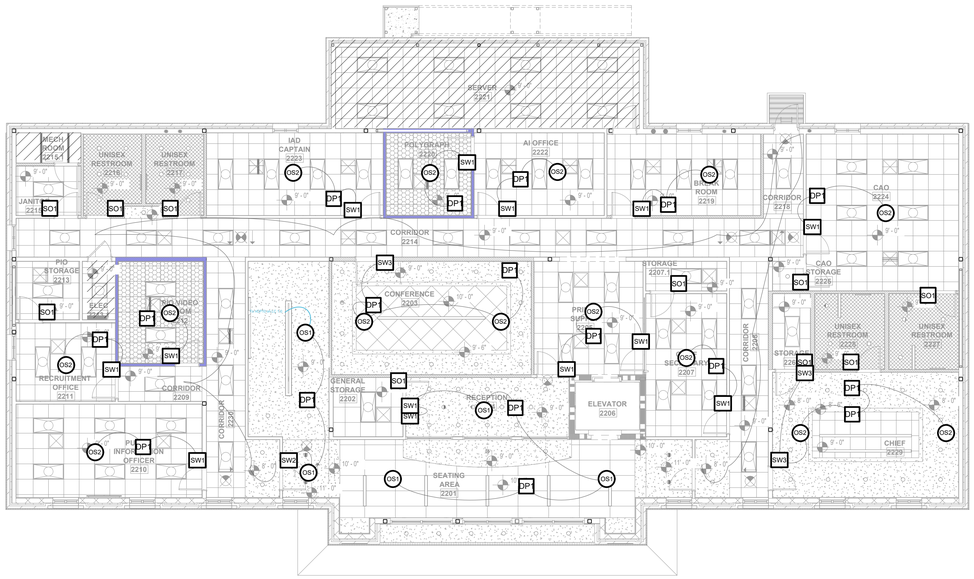
ELECTRICAL LIGHTING CONTROLS PLAN - FIRST FLOOR - SECTION B

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

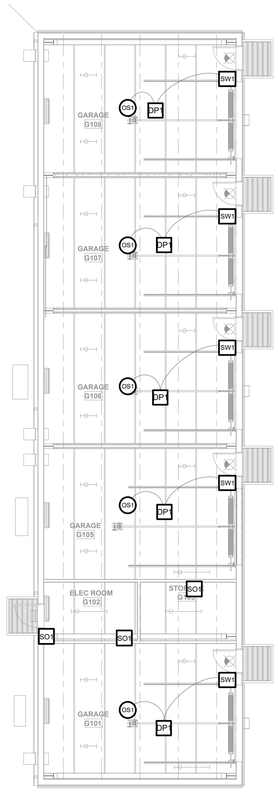
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1 ELECTRICAL LIGHTING CONTROLS PLAN - SECOND FLOOR
SCALE: 1/8" = 1'



1 ELECTRICAL LIGHTING CONTROLS PLAN - OUT BUILDING
SCALE: 1/8" = 1'

DRAWING E132 NOTES

1. REFERENCE SHEET E132 FOR LIGHTING PLANS.

2. CONTROL SYSTEM BASIS OF DESIGN:
   2.1. LIGHTING CONTROL SYSTEM SHALL BE ACUITY nLIGHT (NETWORKED, DIGITAL).
   2.2. EQUIVALENT SUBSTITUTIONS MUST BE PRE-APPROVED BY ENGINEER PRIOR TO BID.

3. CODE COMPLIANCE:
   3.1. SYSTEM SHALL COMPLY WITH ASHRAE 90.1, IECC, AND LOCAL ENERGY CODES.
   3.2. PROVIDE AUTOMATIC SHUTOFF, OCCUPANCY/VACANCY SENSING, AND MANUAL CONTROL WHERE REQUIRED.
   3.3. EMERGENCY AND EGRESS LIGHTING SHALL COMPLY WITH NFPA 101 AND NEC REQUIREMENTS; UL 924 RELAYS SHALL BYPASS LOCAL CONTROLS UPON NORMAL POWER LOSS.

4. DEVICES AND ZONES:
   4.1. OCCUPANCY/VACANCY SENSORS, PHOTOCELLS, WALL STATIONS, AND DIMMERS SHALL BE nLIGHT COMPATIBLE AND FACTORY TESTED.
   4.2. EACH SPACE SHALL HAVE INDIVIDUAL CONTROL ZONES AS SHOWN ON PLANS; CONTRACTOR SHALL COORDINATE ACTUAL PARTITION LAYOUTS WITH FINAL ZONING.
   4.3. COORDINATE SWITCHES WITH DOOR SWING AND ADA REQUIREMENTS.

5. WIRING AND INFRASTRUCTURE:
   5.1. PROVIDE LOW-VOLTAGE CAT6 OR MANUFACTURER RECOMMENDED CONTROL CABLING.
   5.2. IN ACCESSIBLE CEILINGS, CONTRACTOR MAY ROUTE CABLE ON J-HOOKS (SPACED AT ≤ 5FT AND SIZED FOR ≤ 60% FILL). IN INACCESSIBLE CEILINGS OR WHERE EXPOSED, PROVIDE CONDUIT.
   5.3. MAINTAIN SEPARATION BETWEEN LOW-VOLTAGE AND LINE-VOLTAGE WIRING PER MANUFACTURER AND NEC SPACING REQUIREMENTS.

6. NETWORK AND INTEGRATION:
   6.1. PROVIDE GATEWAYS/CONTROLLERS FOR INTEGRATION OF nLIGHT DEVICES WITH BUILDING NETWORK. PROVIDE DEDICATED 120V POWER FROM NEAREST PANELBOARD AS REQUIRED.
   6.2. COORDINATE IP ADDRESSING AND SECURITY REQUIREMENTS WITH OWNER'S IT DEPARTMENT.
   6.3. PROVIDE TIME-CLOCK SCHEDULING AND GLOBAL OVERRIDE CAPABILITY.

7. EMERGENCY LIGHTING INTEGRATION:
   7.1. ALL EMERGENCY LUMINAIRES CONTROLLED BY nLIGHT SHALL HAVE UL 924 EMERGENCY CONTROL RELAYS.
   7.2. RELAYS SHALL FORCE FIXTURES TO FULL OUTPUT UPON LOSS OF NORMAL POWER, REGARDLESS OF SWITCH/DIMMER STATE.

8. COMMISSIONING AND STARTUP:
   8.1. ACUITY SHALL COORDINATE A PRE-INSTALLATION MEETING WITH CONTRACTOR AND ENGINEER PRIOR TO STARTING WORK.
   8.2. SYSTEM SHALL BE PROGRAMMED AND COMMISSIONED BY AN ACUITY CERTIFIED TECHNICIAN.
   8.3. PROVIDE LOAD SCHEDULES, ZONING MAPS, AND FINAL PROGRAMMING FILES TO OWNER AT TURNOVER.
   8.4. COORDINATE COMMISSIONING WITH ARCHITECT, ENGINEER, AND OWNER'S REP FOR ACCEPTANCE TESTING

9. TRAINING AND O&M:
   9.1. PROVIDE A MINIMUM OF TWO TRAINING SESSIONS FOR OWNER'S STAFF (FACILITIES AND ADMINISTRATION SEPARATELY)
   9.2. PROVIDE RECORDED TRAINING MATERIALS AND USER MANUALS.
   9.3. DELIVER ALL PASSWORDS, SOFTWARE, AND CONFIGURATION FILES AT PROJECT CLOSEOUT.

10. SUBMITTALS:
    10.1. SUBMIT SHOP DRAWINGS INDICATING DEVICE LOCATIONS, CONTROL ZONES, RISERS AND NETWORK TOPOLOGY.
    10.2. SUBMIT MANUFACTURER'S CUT SHEETS FOR ALL DEVICES, RELAYS, AND GATEWAYS.
    10.3. PROVIDE SEQUENCE OF OPERATIONS FOR EACH SPACE TYPE, COORDINATED WITH SPECIFICATIONS.

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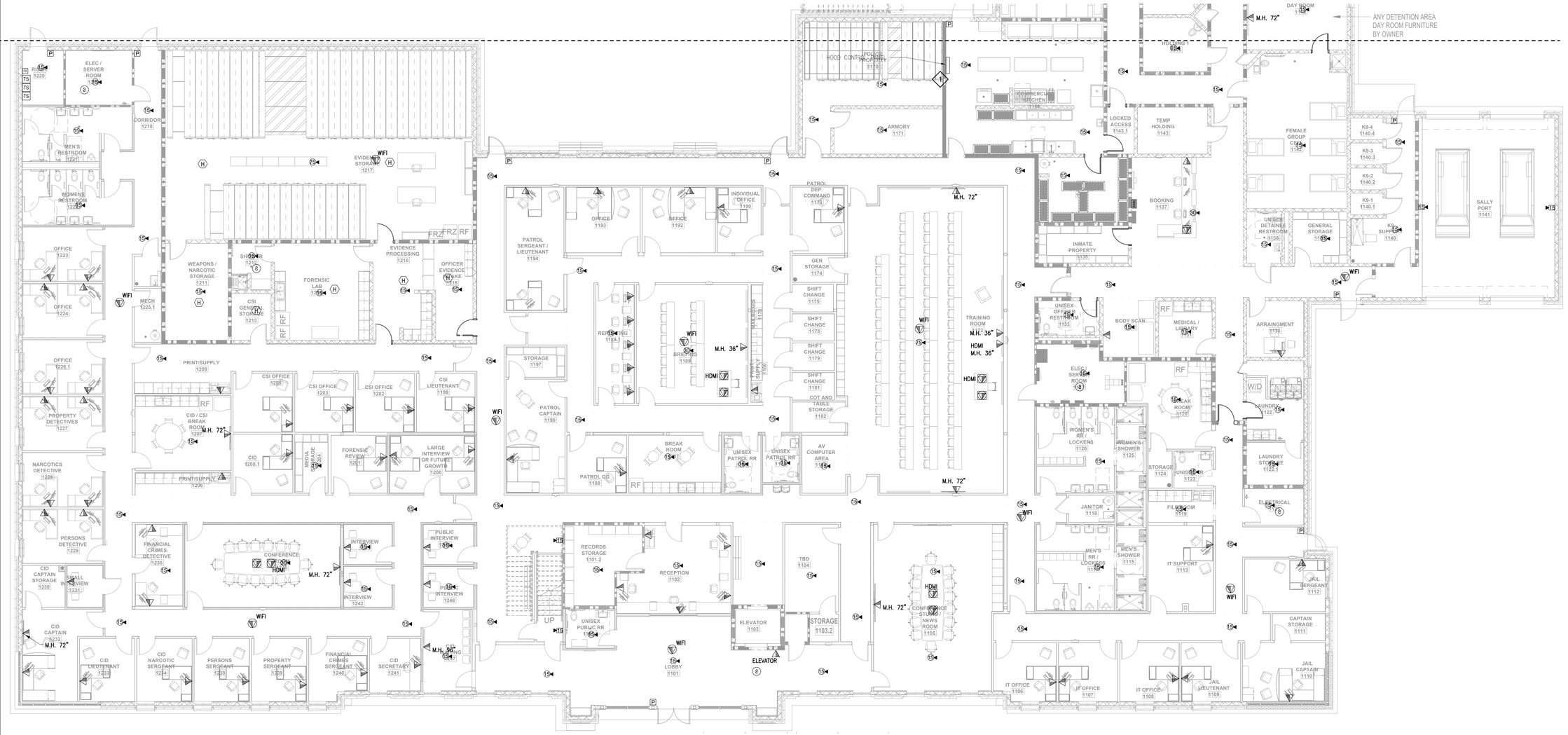
ELECTRICAL LIGHTING CONTROLS PLAN - SECOND FLOOR & OUT BUILDING

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REV 1	04.07.26	ISSUED FOR CONSTRUCTION

E132

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1 ELECTRICAL SPECIAL SYSTEMS PLAN - FIRST FLOOR - SECTION A
SCALE: 1/8" = 1'

DRAWING E141A NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL (2) CAT 6 CABLES FROM DATA OUTLET BACK TO THE TELECOMMUNICATION RACK. CABLE SHALL BE ROUTED TO TELECOMMUNICATION RACK AND TERMINATED. CABLE ROUTED ABOVE INACCESSIBLE CEILING SHALL BE ROUTED IN CONDUIT. CABLE ABOVE ACCESSIBLE CEILINGS MAY BE MOUNTED ON J-HOOKS. ALL CABLE SHALL BE PLENUM RATED. YELLOW IN COLOR FOR DATA, BLUE FOR PHONES AND GREEN FOR ACCESS POINTS
2. INSTALL PULL STRINGS IN ALL EMPTY CONDUITS.
3. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
4. CONTRACTOR SHALL REFERENCE SHEET E002 FOR GENERAL FIRE ALARM NOTES.
5. CONTRACTOR SHALL FIELD COORDINATE CEILING LOCATIONS FOR SPEAKERS WITH ENGINEER AND OWNER.
6. FOR TV'S. ALL POWER, DATA, HDMI AND COAXIAL SHALL BE LOCATED IN THE SAME BACKBOX AND UNDER THE SAME FACEPLATE. DO NOT USE MULTIPLE SINGLE FACEPLATES AND BACK BOXES. (SEE E111A FOR POWER INFORMATION).
7. SEE SHEET E143 FOR ACCESS CONTROLS AND CAMERA INFORMATION.

DRAWING E141A SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL (1) 1" CONDUIT FROM THE HOOD SUPPRESSION CONTROL PANEL TO THE FIRE ALARM CONTROL PANEL.

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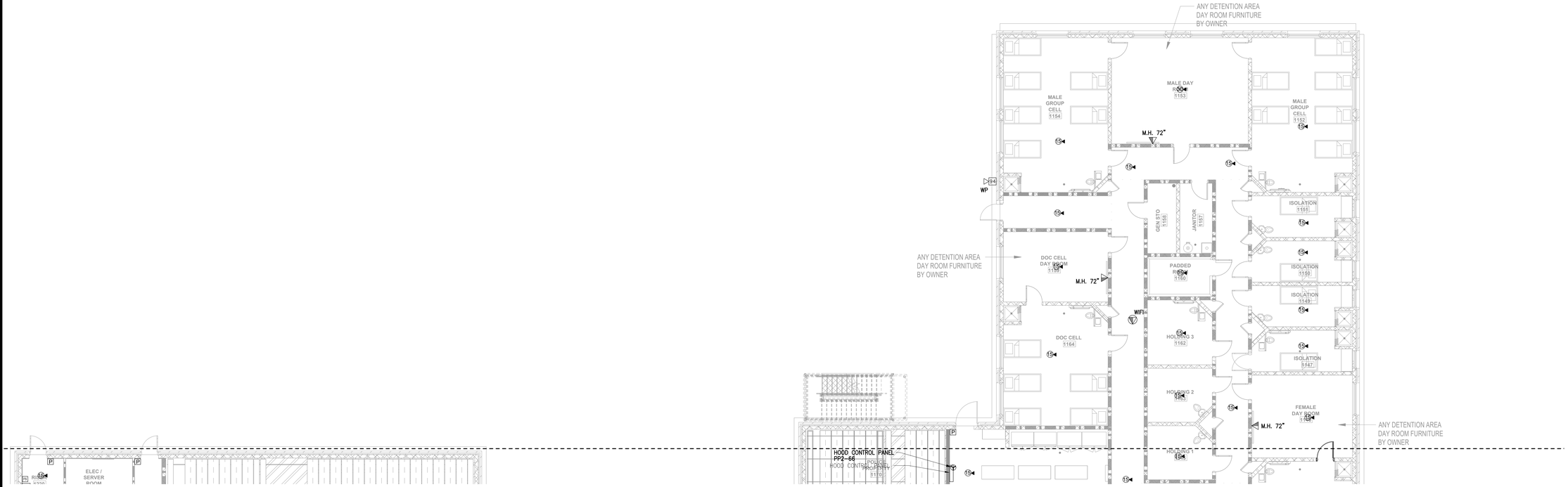
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ELECTRICAL SPECIAL SYSTEMS PLAN - FIRST FLOOR - SECTION A

E141A

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1 ELECTRICAL SPECIAL SYSTEMS PLAN - FIRST FLOOR - SECTION B
SCALE: 1/8" = 1'

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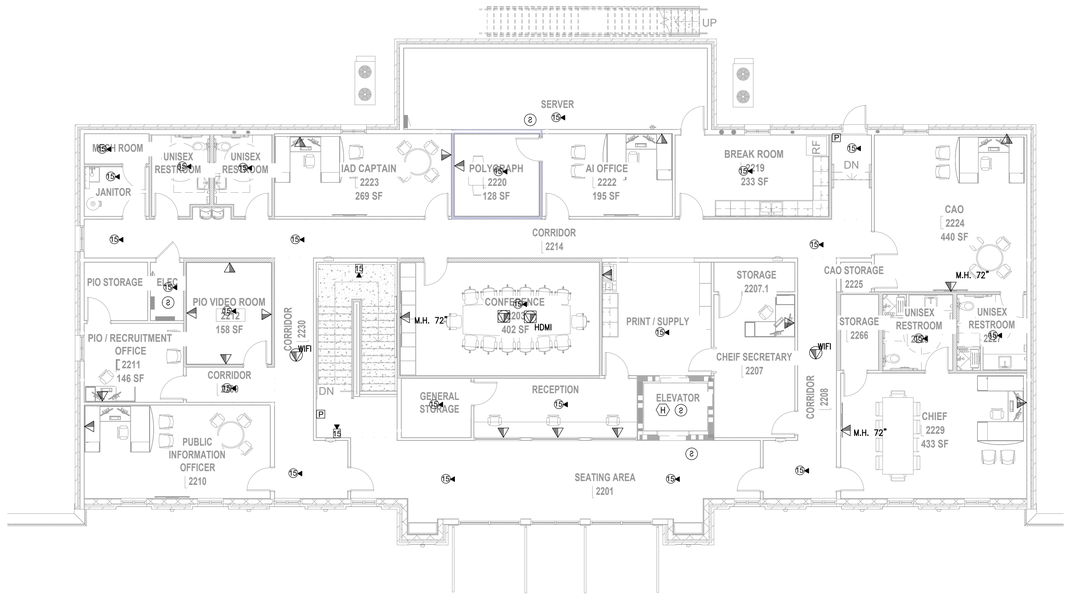
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3. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
4. CONTRACTOR SHALL REFERENCE SHEET E002 FOR GENERAL FIRE ALARM NOTES.
5. CONTRACTOR SHALL FIELD COORDINATE CEILING LOCATIONS FOR SPEAKERS WITH ENGINEER AND OWNER.
6. FOR TV'S. ALL POWER, DATA, HDMI AND COAXIAL SHALL BE LOCATED IN THE SAME BACKBOX AND UNDER THE SAME FACEPLATE. DO NOT USE MULTIPLE SINGLE FACEPLATES AND BACK BOXES. (SEE E111B FOR POWER INFORMATION).
7. SEE SHEET E143 FOR ACCESS CONTROLS AND CAMERA INFORMATION.

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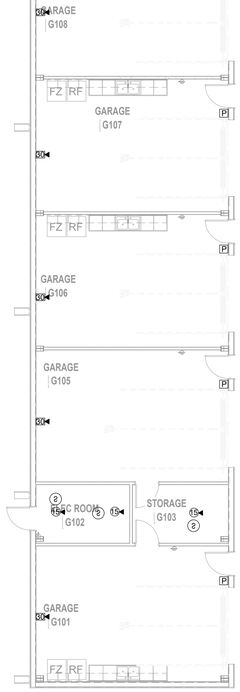
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1 ELECTRICAL SPECIAL SYSTEMS PLAN - SECOND FLOOR
SCALE: 1/8" = 1'



1 ELECTRICAL SPECIAL SYSTEMS PLAN - OUT BUILDING (ALTERNATE #1)
SCALE: 1/8" = 1'

DRAWING E142 NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL (2) CAT 6 CABLES FROM DATA OUTLET BACK TO THE TELECOMMUNICATION RACK. CABLE SHALL BE ROUTED TO TELECOMMUNICATION RACK AND TERMINATED. CABLE ROUTED ABOVE INACCESSIBLE CEILING SHALL BE ROUTED IN CONDUIT. CABLE ABOVE ACCESSIBLE CEILINGS MAY BE MOUNTED ON J-HOOKS. ALL CABLE SHALL BE PLENUM RATED. YELLOW IN COLOR FOR DATA, BLUE FOR PHONES AND GREEN FOR ACCESS POINTS
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4. CONTRACTOR SHALL REFERENCE SHEET E002 FOR GENERAL FIRE ALARM NOTES.
5. CONTRACTOR SHALL FIELD COORDINATE CEILING LOCATIONS FOR SPEAKERS WITH ENGINEER AND OWNER.
6. FOR TV'S. ALL POWER, DATA, HDMI AND COAXIAL SHALL BE LOCATED IN THE SAME BACKBOX AND UNDER THE SAME FACEPLATE. DO NOT USE MULTIPLE SINGLE FACEPLATES AND BACK BOXES. (SEE E112 FOR POWER INFORMATION).
7. SEE SHEET E146 FOR ACCESS CONTROLS AND CAMERA INFORMATION.

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CITY OF SLIDELL, LOUISIANA
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ELECTRICAL SPECIAL SYSTEMS PLAN - SECOND FLOOR & OUT BUILDING

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GENERAL NOTES:

1. COORDINATE WITH DIVISION 26 CONTRACTOR FOR INTEGRATION WITH LIGHTING RELAY CONTROL PANEL (LRCP). TOUCHSCREEN / PLC SYSTEM SHALL PROVIDE ON/OFF CONTROL FOR LIGHTS AND TELEVISIONS IN CELLS AND DAYROOMS. DIVISION 26 TO FURNISH AND INSTALL LRCP AND MAKE HIGH VOLTAGE CONNECTIONS. DIVISION 28 TO MAKE DATA / LOW VOLTAGE CONNECTIONS.
2. COORDINATE WITH DIVISION 22 CONTRACTOR FOR INTEGRATION WITH INMATE WATER VALVES. TOUCHSCREEN / PLC SYSTEM SHALL PROVIDE ON/OFF CONTROL FOR INMATE WATER VALVES. COORDINATE WITH DIVISION 26 FOR REQUIRED RACEWAY AND POWER.
3. DIVISION 28 CONTRACTOR TO FURNISH AND INSTALL A DEDICATED SECURITY NETWORK BACKBONE CONSISTING OF 12 STRAND OM3 FIBER OPTIC CABLE CONNECTING ELEC / SERVER 1127 WITH ELEC / SERVER 1219 AND SERVER 2221. CONNECT OUT BUILDING GARAGE ROOM G102 WITH ELEC / SERVER 1219. PROVIDE RACK MOUNT FIBER TRAYS IN EACH LOCATION AND TERMINATE ALL STRANDS TO LC TYPE PATCH PANELS.

SHEET NOTES:

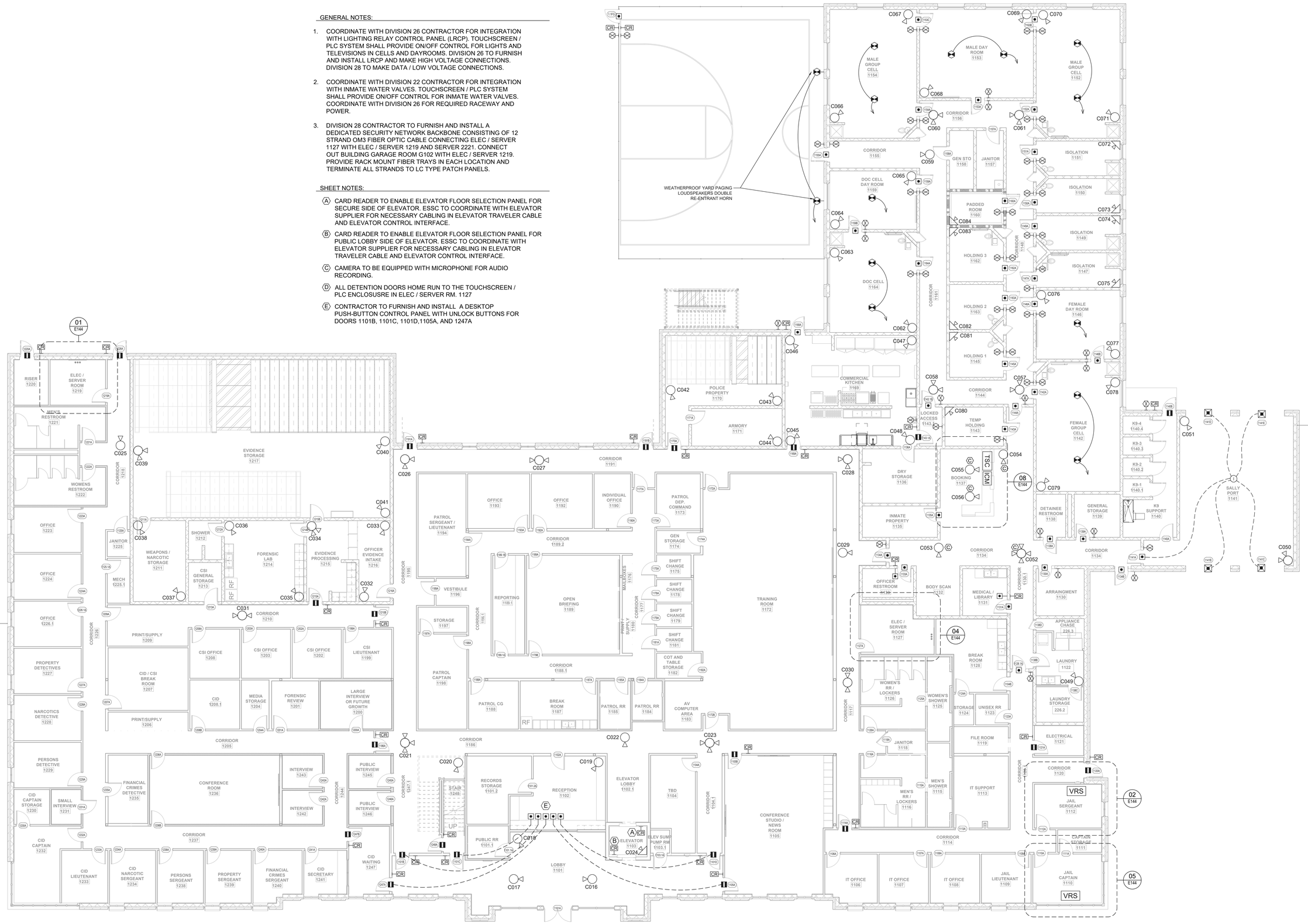
(A) CARD READER TO ENABLE ELEVATOR FLOOR SELECTION PANEL FOR SECURE SIDE OF ELEVATOR. ESSC TO COORDINATE WITH ELEVATOR SUPPLIER FOR NECESSARY CABLING IN ELEVATOR TRAVELER CABLE AND ELEVATOR CONTROL INTERFACE.

(B) CARD READER TO ENABLE ELEVATOR FLOOR SELECTION PANEL FOR PUBLIC LOBBY SIDE OF ELEVATOR. ESSC TO COORDINATE WITH ELEVATOR SUPPLIER FOR NECESSARY CABLING IN ELEVATOR TRAVELER CABLE AND ELEVATOR CONTROL INTERFACE.

(C) CAMERA TO BE EQUIPPED WITH MICROPHONE FOR AUDIO RECORDING.

(D) ALL DETENTION DOORS HOME RUN TO THE TOUCHSCREEN / PLC ENCLOSUSRE IN ELEC / SERVER RM. 1127

(E) CONTRACTOR TO FURNISH AND INSTALL A DESKTOP PUSH-BUTTON CONTROL PANEL WITH UNLOCK BUTTONS FOR DOORS 1101B, 1101C, 1101D,1105A, AND 1247A



01 SECURITY FIRST FLOOR PLAN

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

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SECURITY FIRST FLOOR PLAN

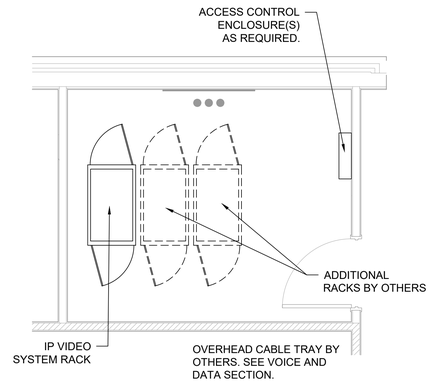
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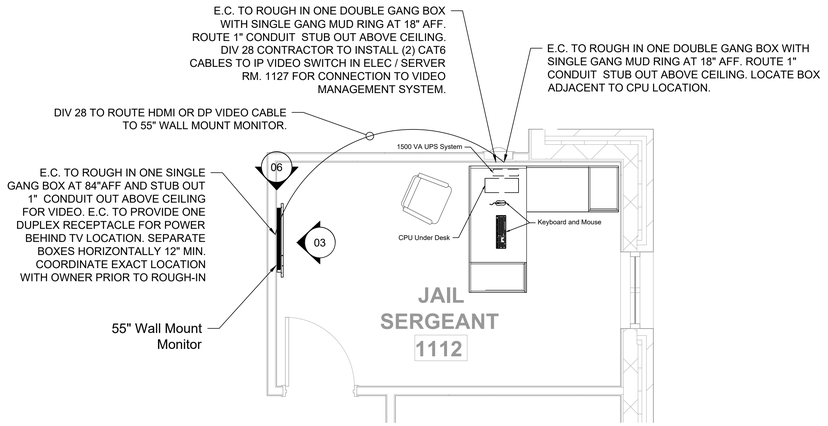
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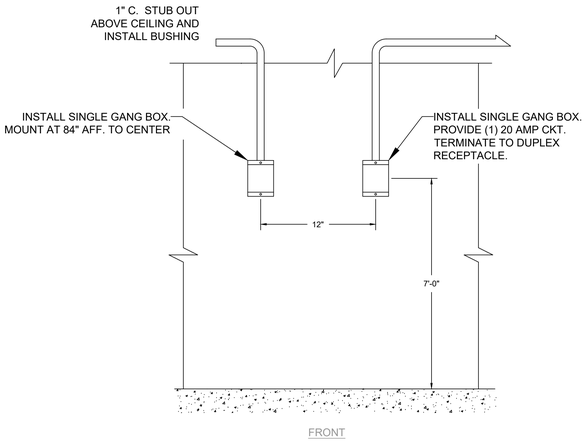
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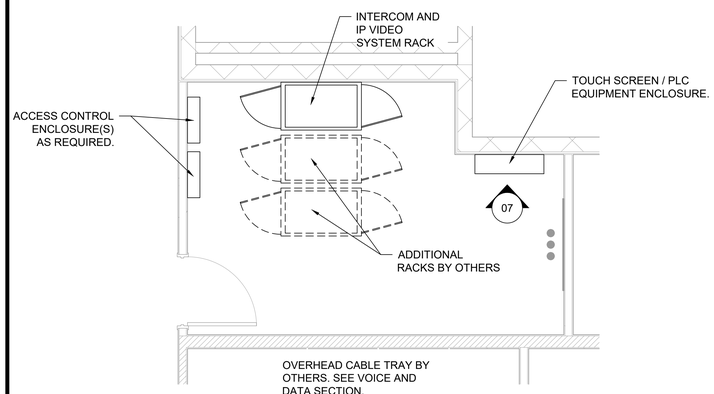
01 ELEC / SERVER ROOM 1219 EQUIPMENT LAYOUT
SCALE: 3/8"=1'-0"



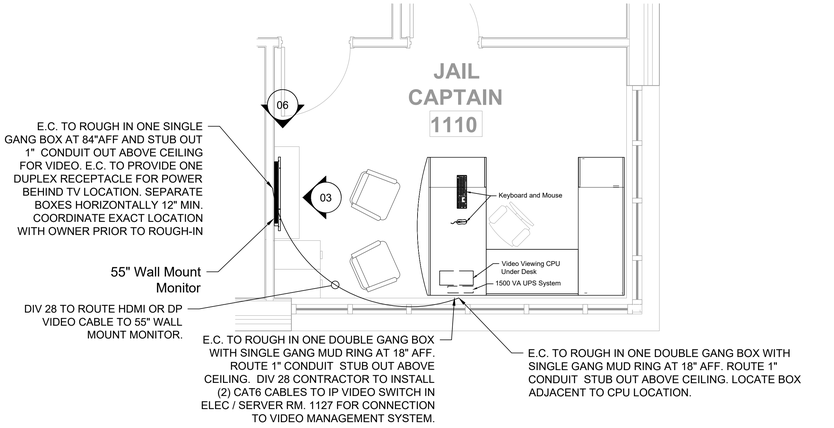
02 JAIL SERGEANT VIDEO VIEWING EQUIPMENT LAYOUT
SCALE: 3/8"=1'-0"



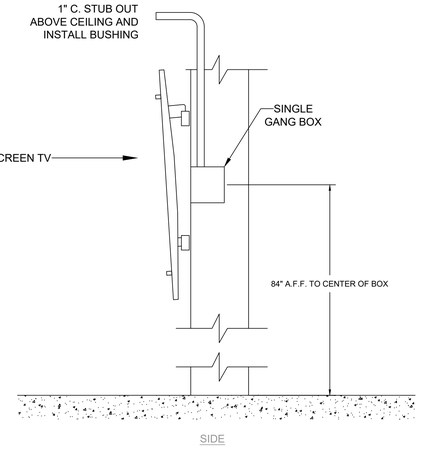
03 WALL MOUNT MONITOR ROUGH-IN
SCALE: NTS



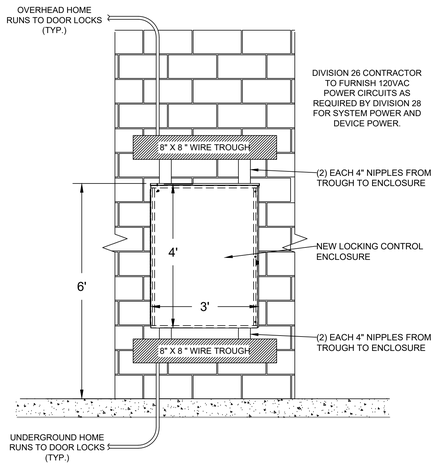
04 ELEC / SERVER ROOM 1127 EQUIPMENT LAYOUT
SCALE: 3/8"=1'-0"



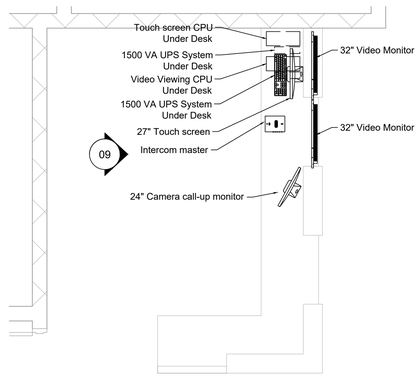
05 JAIL CAPTAIN 1110 VIDEO VIEWING EQUIPMENT LAYOUT
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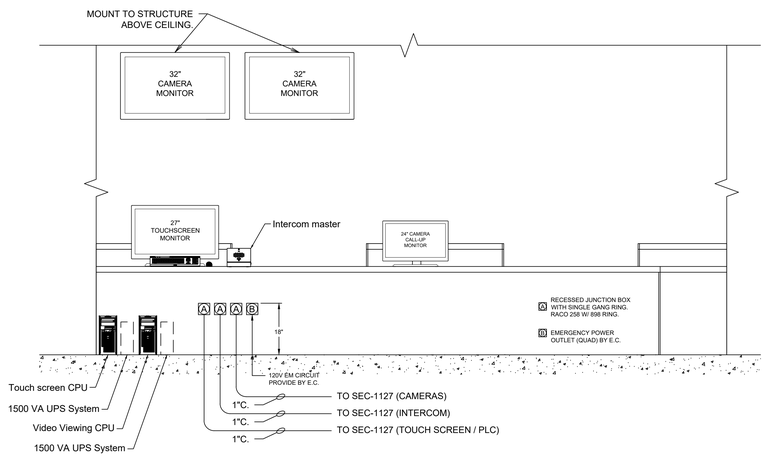
06 WALL MOUNT MONITOR ROUGH-IN
SCALE: NTS



07 PLC PANEL ELEVATION
SCALE: NTS



08 BOOKING DESK EQUIPMENT LAYOUT
SCALE: 3/8" = 1'-0"



09 BOOKING DESK EQUIPMENT ELEVATION
SCALE: NTS

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911 ROBERT BLVD, SLIDELL LA 70458

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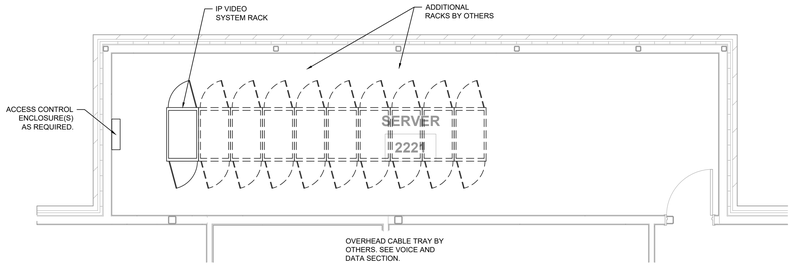
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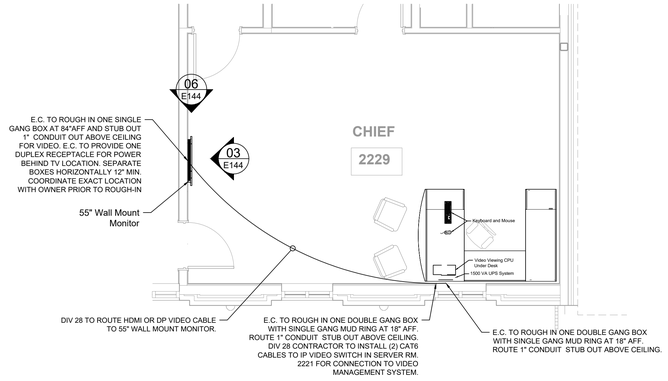
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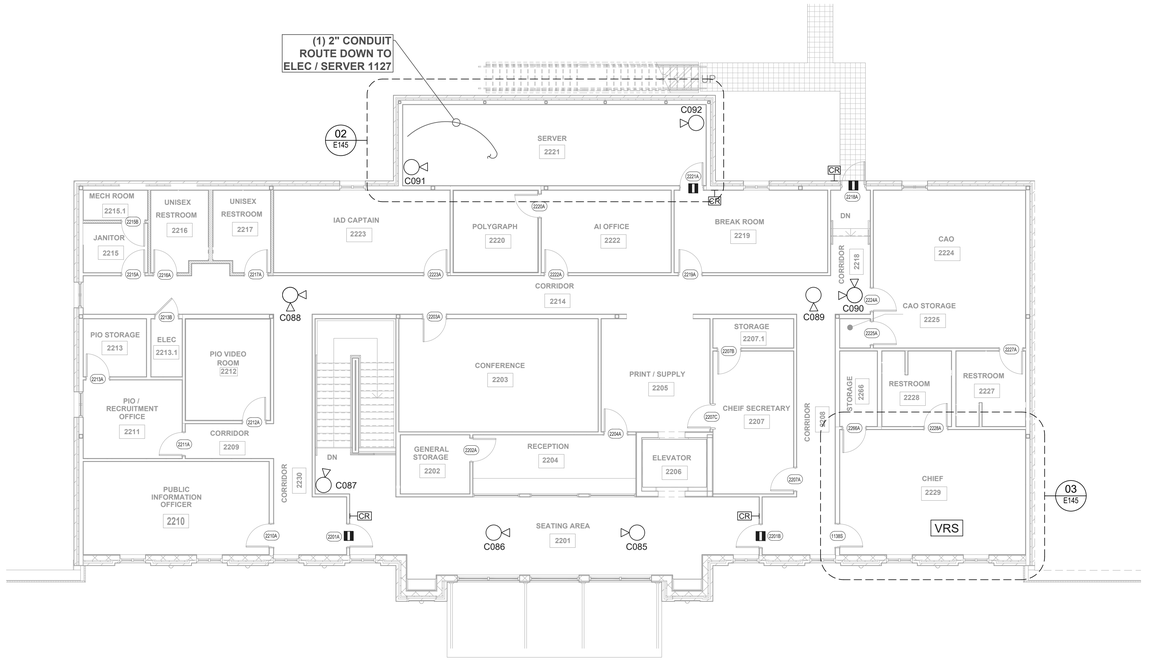
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02 SERVER ROOM 2221 EQUIPMENT LAYOUT
SCALE: 1/4"=1'-0"



03 CHIEF 2229 VIDEO VIEWING EQUIPMENT LAYOUT
SCALE: 1/4"=1'-0"



01 SECURITY SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

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SECURITY SECOND FLOOR PLAN

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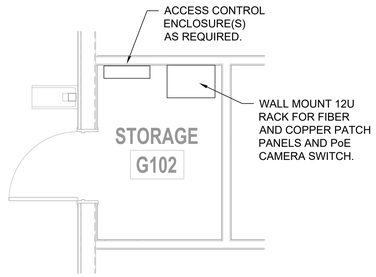
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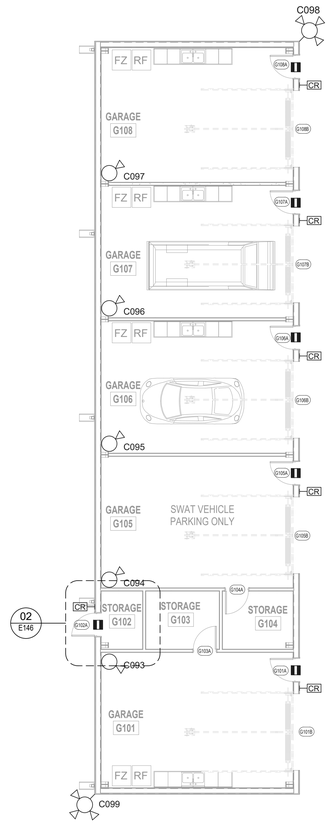
SLIDELL POLICE STATION

CONTROLLED DOOR SCHEDULE

LINE	DOOR NO.	PUSH SIDE INTERCOM	PULL SIDE INTERCOM	PUSH SIDE ACCESS CONTROL	PULL SIDE ACCESS CONTROL	TOUCHSCREEN CONTROL	REMARKS
1	1.1 FG	YES	YES	-	-	YES	REQUIRES POP-UP CONFIRMATION TO UNLOCK FROM TS
2	1101B	-	-	MANUAL EGRESS	CARD READER	-	REMOTE UNLOCK FROM RECEPTION 1102
3	1101C	-	-	MANUAL EGRESS	CARD READER	-	REMOTE UNLOCK FROM RECEPTION 1102
4	1101D	-	-	MANUAL EGRESS	CARD READER	-	REMOTE UNLOCK FROM RECEPTION 1102
5	1105A	-	-	CARD READER	MANUAL EGRESS	-	REMOTE UNLOCK FROM RECEPTION 1102
6	1105B	-	-	CARD READER	MANUAL EGRESS	-	-
7	1114A	-	-	MANUAL EGRESS	CARD READER	-	-
8	1120A	-	-	MANUAL EGRESS	CARD READER	-	-
9	1121A	-	-	CARD READER	MANUAL EGRESS	-	-
10	1128.1A	YES	-	-	-	YES	-
11	1130A	-	YES	-	-	YES	-
12	1131A	-	-	CARD READER	REX	YES	-
13	1133A	-	-	CARD READER	REX	YES	-
14	1134A	-	YES	-	-	YES	REQUIRES POP-UP CONFIRMATION TO UNLOCK FROM TS
15	1134B	-	YES	-	-	YES	REQUIRES POP-UP CONFIRMATION TO UNLOCK FROM TS
16	1135A	-	-	-	-	YES	-
17	1138A	YES	-	-	-	YES	-
18	1139A	-	YES	-	-	YES	-
19	1140B	-	YES	MANUAL EGRESS	CARD READER	YES	-
20	1141A	YES	-	-	-	YES	-
21	1141B	-	-	-	-	YES	RAISE - STOP - LOWER CONTROL FROM BOOKING TS
22	1141C	-	-	-	-	YES	RAISE - STOP - LOWER CONTROL FROM BOOKING TS
23	1141D	-	-	-	-	YES	RAISE - STOP - LOWER CONTROL FROM BOOKING TS
24	1141E	-	-	-	-	YES	RAISE - STOP - LOWER CONTROL FROM BOOKING TS
25	1142A	YES	YES	-	-	YES	-
26	1143A	YES	-	-	-	YES	-
27	1144A	YES	-	-	-	YES	-
28	1143.1A	YES	YES	CARD READER	TS EGRESS	YES	PULL SIDE INTERCOM SHARED WITH 1143.1B
29	1143.1B	YES	YES	-	-	YES	PULL SIDE INTERCOM SHARED WITH 1143.1A
30	1145A	YES	YES	-	-	YES	-
31	1146A	YES	YES	-	-	YES	-
32	1146B	YES	YES	-	-	YES	-
33	1147A	YES	YES	-	-	YES	-
34	1149A	YES	YES	-	-	YES	-
35	1150A	YES	YES	-	-	YES	-
36	1151A	YES	YES	-	-	YES	-
37	1152A	YES	YES	-	-	YES	-
38	1153A	YES	YES	-	-	YES	-
39	1153B	YES	YES	-	-	YES	-
40	1153C	YES	YES	-	-	YES	-
41	1154A	YES	YES	-	-	YES	-
42	1155A	YES	YES	-	-	YES	-
43	1159A	YES	YES	-	-	YES	-
44	1159B	YES	YES	-	-	YES	-
45	1160A	YES	YES	-	-	YES	-
46	1162A	YES	YES	-	-	YES	-
47	1163A	YES	YES	-	-	YES	-
48	1164A	YES	YES	-	-	YES	-
49	1168A	-	YES	MANUAL EGRESS	CARD READER	YES	-
50	1169A	-	-	CARD READER	MANUAL EGRESS	-	-
51	1170A	-	-	CARD READER	MANUAL EGRESS	-	-
52	1186A	-	-	MANUAL EGRESS	CARD READER	-	-
53	1191A	-	-	MANUAL EGRESS	CARD READER	-	-
54	1191B	-	-	MANUAL EGRESS	CARD READER	-	-
55	1210B	-	-	MANUAL EGRESS	CARD READER	-	-
56	1215A	-	-	CARD READER	MANUAL EGRESS	-	-
57	1220A	-	-	MANUAL EGRESS	CARD READER	-	-
58	1226A	-	-	MANUAL EGRESS	CARD READER	-	-
59	1247A	-	-	CARD READER	MANUAL EGRESS	-	REMOTE UNLOCK FROM RECEPTION 1102
60	1247B	-	-	MANUAL EGRESS	CARD READER	-	-
61	1248A	-	-	CARD READER	MANUAL EGRESS	-	-
62	2201A	-	-	MANUAL EGRESS	CARD READER	-	-
63	2201B	-	-	MANUAL EGRESS	CARD READER	-	-
64	2218A	-	-	MANUAL EGRESS	CARD READER	-	-
65	2221A	-	-	CARD READER	MANUAL EGRESS	-	-
66	G101A	-	-	CARD READER	MANUAL EGRESS	-	-
67	G102A	-	-	MANUAL EGRESS	CARD READER	-	-
68	G105A	-	-	CARD READER	MANUAL EGRESS	-	-
69	G106A	-	-	CARD READER	MANUAL EGRESS	-	-
70	G107A	-	-	CARD READER	MANUAL EGRESS	-	-
71	G108A	-	-	CARD READER	MANUAL EGRESS	-	-



02 STORAGE G102 EQUIPMENT LAYOUT
SCALE: 3/8"=1'-0"



01 OUTBUILDING - GARAGE FLOOR PLAN
SCALE: 1/8"=1'-0"

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SECURITY - OUTBUILDING FLOOR PLAN & DETAILS

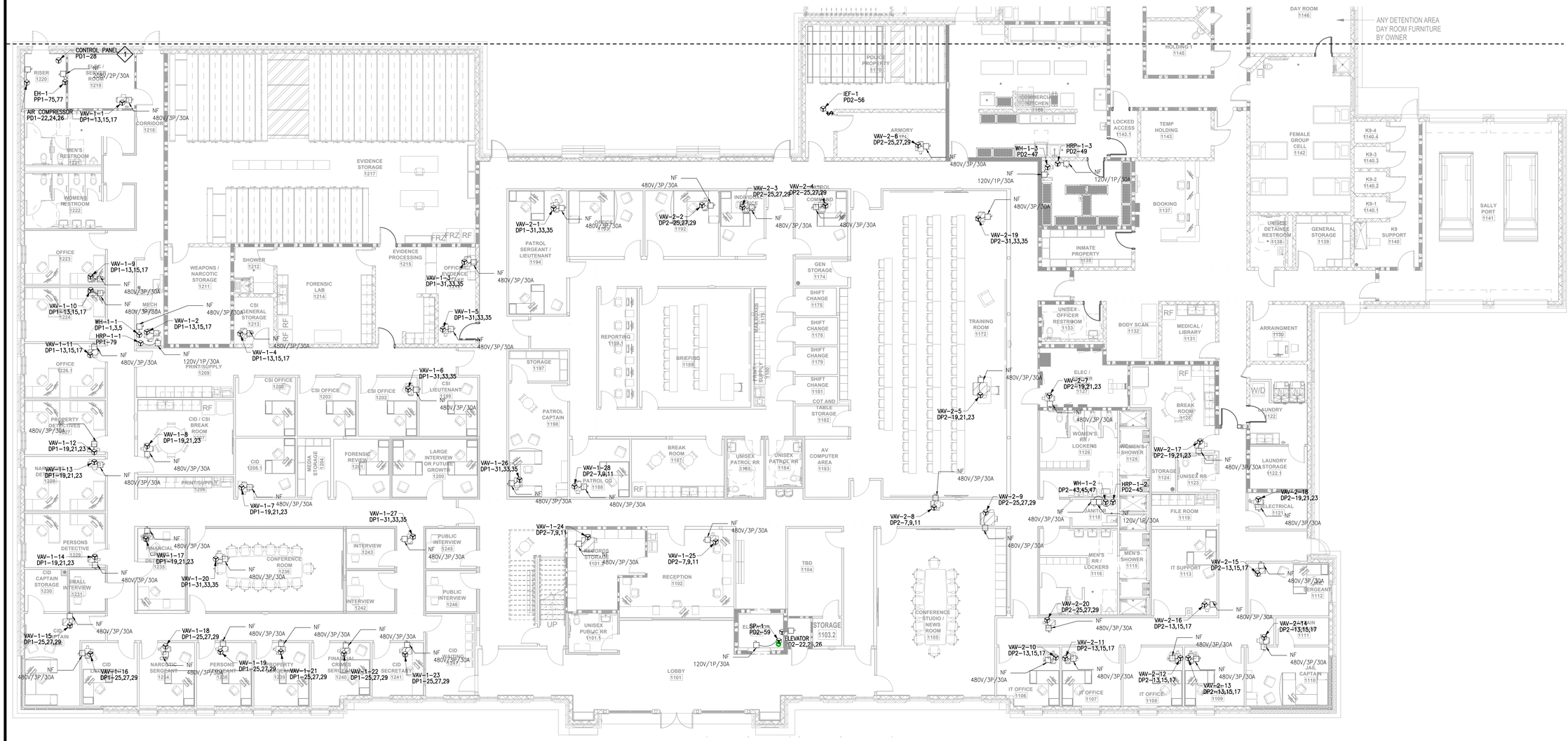
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1 EQUIPMENT POWER PLAN - FIRST FLOOR - SECTION A
SCALE: 1/8" = 1'

DRAWING E151A NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. ENCLOSURES SHALL BE INDOOR: NEMA 1, EXTERIOR: NEMA 3R.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL VAV BOXES, FAN COILS, HEAT PUMPS, HOT WATER RETURN PUMPS, SUMP PUMPS, CEILING EXHAUST FANS, SUPPLY FANS, ELECTRIC HEATERS, AND EXHAUST FANS SHALL BE #12 THHN–THWN UNLESS OTHERWISE NOTED ON SHEETS E621 AND E622.

DRAWING E151A SPECIFIC NOTES

1 CONTRACTOR SHALL PROVIDE AND INSTALL (1) 1" CONDUIT FROM THE RISER CONTROL PANEL TO THE FIRE ALARM CONTROL PANEL.

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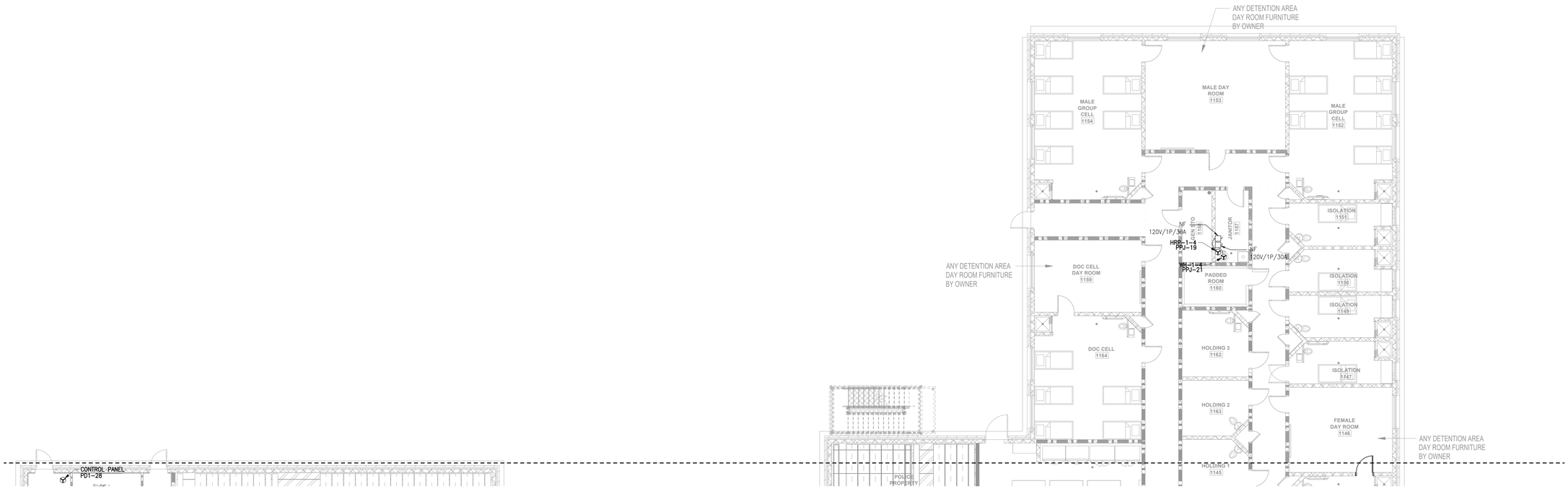
EQUIPMENT POWER PLAN - FIRST FLOOR - SECTION A

E151A

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1 EQUIPMENT POWER PLAN - FIRST FLOOR - SECTION B
SCALE: 1/8" = 1'

DRAWING E151B NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. ENCLOSURES SHALL BE INDOOR: NEMA 1, EXTERIOR: NEMA 3R.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL VAV BOXES, FAN COILS, HEAT PUMPS, HOT WATER RETURN PUMPS, SUMP PUMPS, CEILING EXHAUST FANS, SUPPLY FANS, ELECTRIC HEATERS, AND EXHAUST FANS SHALL BE #12 THHN-THWN UNLESS OTHERWISE NOTED ON SHEETS E621 AND E622.
4. COORDINATE HVAC CONTROLS IN DETENTION AREA WITH SECURITY SYSTEM CONTROLLED AT BOOKING.

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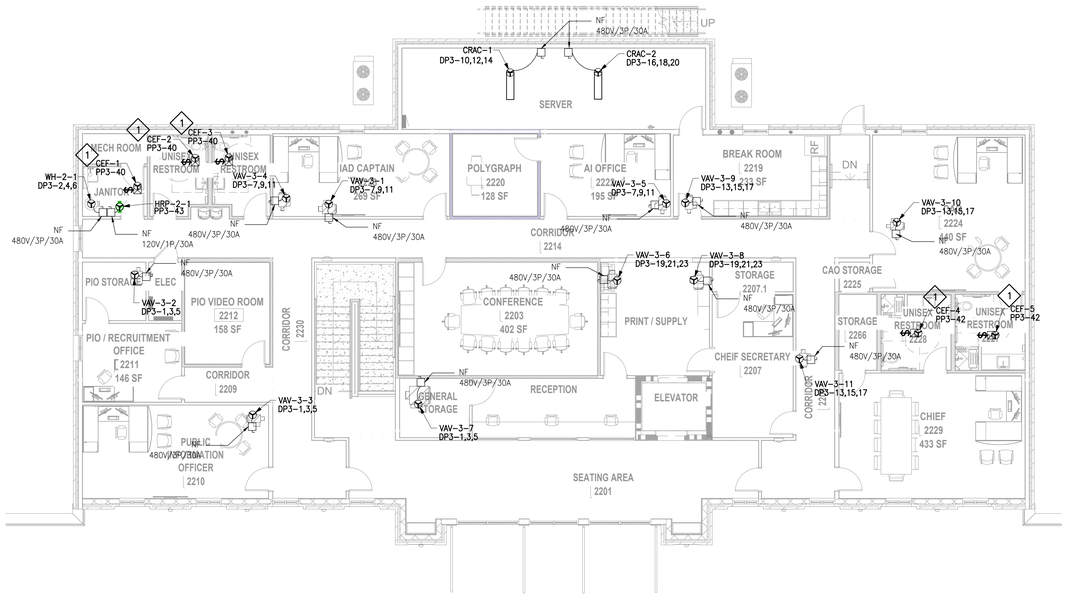
EQUIPMENT POWER PLAN - FIRST FLOOR - SECTION B

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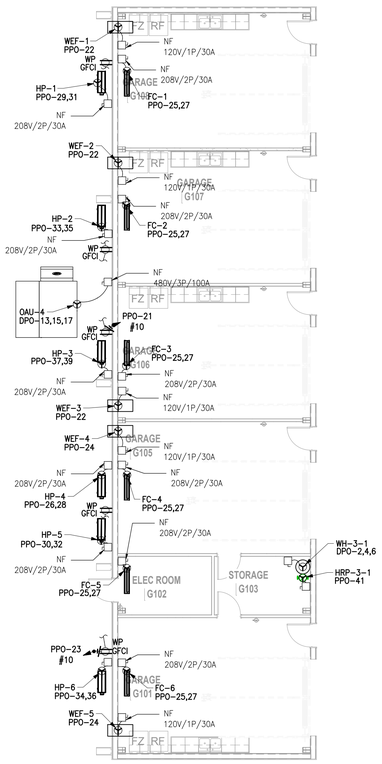
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1 EQUIPMENT POWER PLAN - SECOND FLOOR
SCALE: 1/8" = 1'



2 EQUIPMENT POWER PLAN - OUT BUILDING (ALTERNATE #1)
SCALE: 1/8" = 1'

DRAWING E152 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. ENCLOSURES SHALL BE INDOOR: NEMA 1, EXTERIOR: NEMA 3R.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL VAV BOXES, FAN COILS, HEAT PUMPS, HOT WATER RETURN PUMPS, SUMP PUMPS, CEILING EXHAUST FANS, SUPPLY FANS, ELECTRIC HEATERS, AND EXHAUST FANS SHALL BE #12 THHN-THWN UNLESS OTHERWISE NOTED ON SHEETS E621 AND E622.

DRAWING E152 SPECIFIC NOTES

1 CEILING EXHAUST FANS ARE PROVIDED WITH A CEILING MOUNTED MOTION SENSOR. SENSOR IS PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

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REV.1	04.07.26	ISSUED FOR CONSTRUCTION

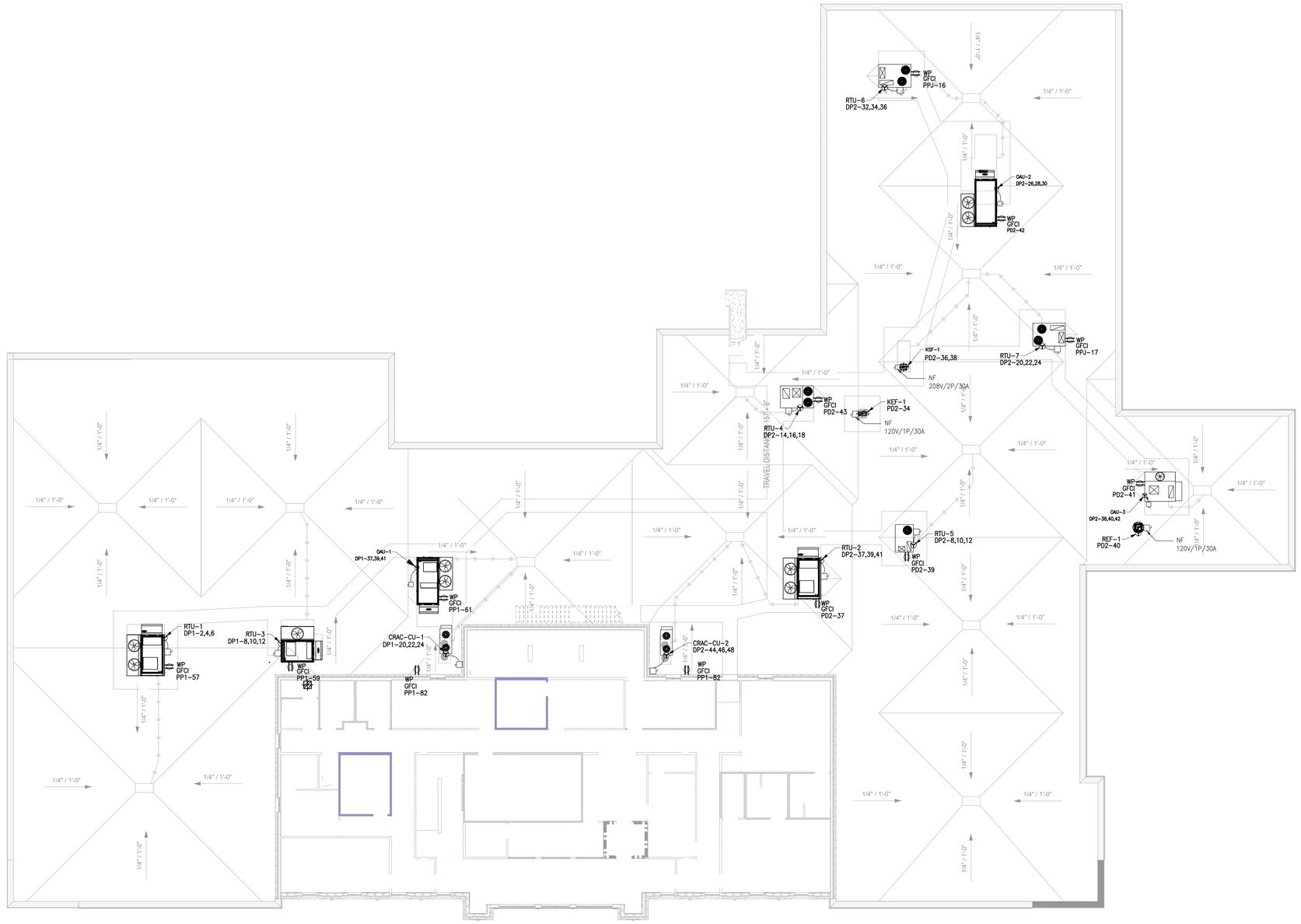
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EQUIPMENT POWER PLAN - SECOND FLOOR & OUT BUILDING

E152

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1 EQUIPMENT POWER PLAN - ROOFTOP
SCALE: 3/32" = 1'

DRAWING E153 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. ENCLOSURES SHALL BE INDOOR: NEMA 1, EXTERIOR: NEMA 3R.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL VAV BOXES, FAN COILS, HEAT PUMPS, HOT WATER RETURN PUMPS, SUMP PUMPS, CEILING EXHAUST FANS, SUPPLY FANS, ELECTRIC HEATERS, AND EXHAUST FANS SHALL BE #12 THHN-THWN UNLESS OTHERWISE NOTED ON SHEETS E621 AND E622.

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PROJECT NO:	0315.23.001
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EQUIPMENT POWER PLAN - ROOFTOP

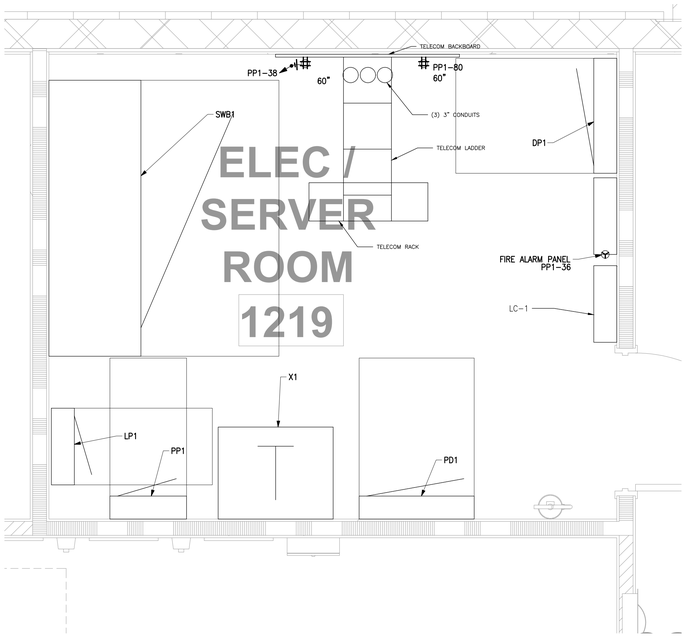
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E153

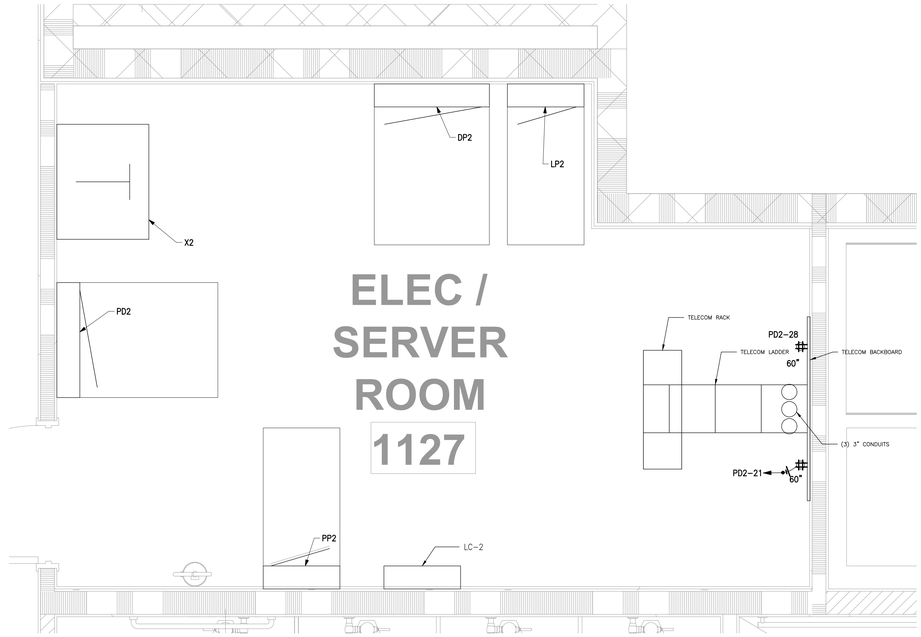
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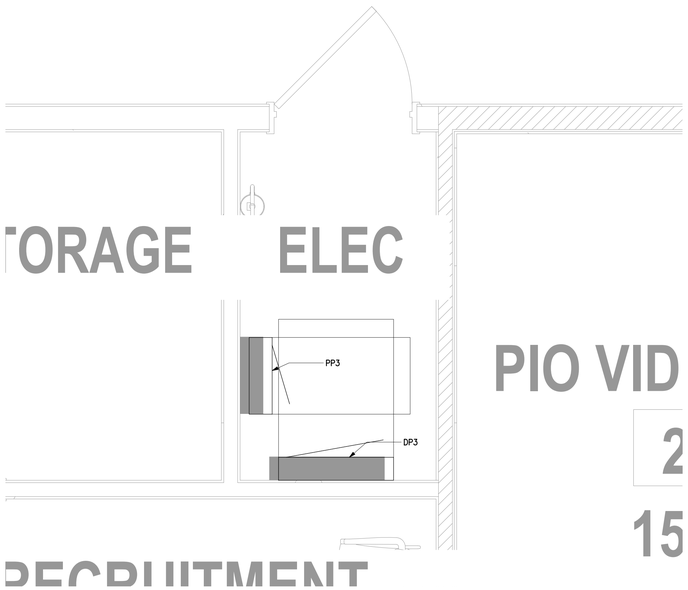
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1 ENLARGED ELECTRICAL ROOM - 1ST FLOOR
SCALE: 3/4" = 1'



2 ENLARGED ELECTRICAL ROOM 1ST FLOOR
SCALE: 3/4" = 1'



3 ENLARGED ELECTRICAL ROOM - 2ND FLOOR
SCALE: 3/4" = 1'



4 ENLARGED ELECTRICAL ROOM - OUT BUILDING (ALTERNATE #1)
SCALE: 3/4" = 1'

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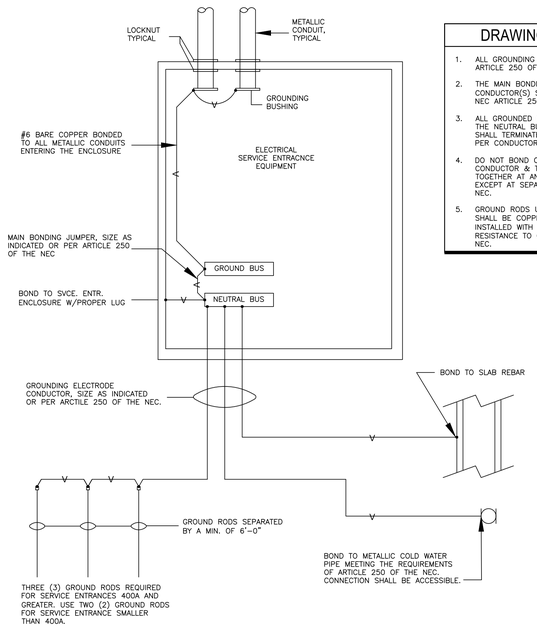
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SCALE: AS SHOWN
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ENLARGED POWER PLAN

E201

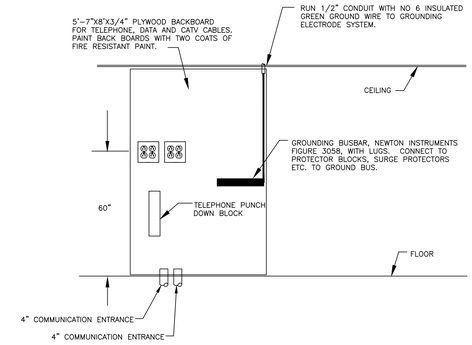
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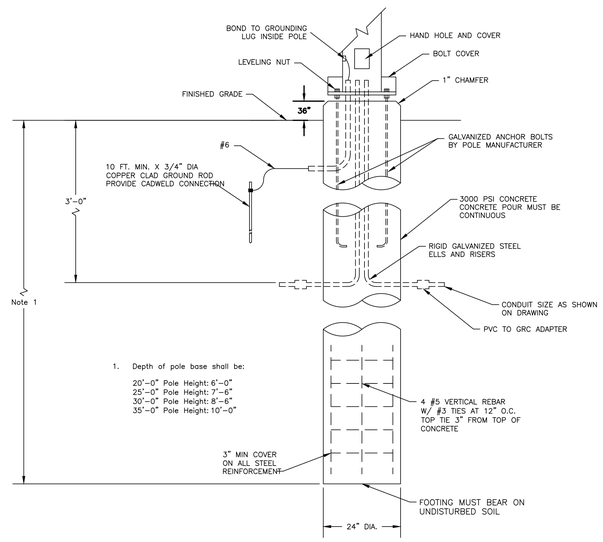
DRAWING E501 SPECIFIC NOTES

1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 OF THE NEC.
2. THE MAIN BONDING JUMPER & THE GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE SIZED AS INDICATED AND/OR PER NEC ARTICLE 250.
3. ALL GROUNDED (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THE NEUTRAL BUS & ALL EQUIPMENT GROUNDING CONDUCTOR SHALL TERMINATE ON THE GROUND BUS. ONE LUG OR TERMINAL PER CONDUCTOR.
4. DO NOT BOND OR CONNECT THE GROUNDED (NEUTRAL) CONDUCTOR & THE EQUIPMENT GROUNDING CONDUCTOR TOGETHER AT ANY OTHER POINT IN THE ELECTRICAL SYSTEM EXCEPT AT SEPARATELY DERIVED SYSTEMS AS DEFINED IN THE NEC.
5. GROUND RODS USED FOR GROUNDING ELECTRODE SYSTEMS SHALL BE COPPER CLAD, 3/4"x10' MIN. AND SHALL BE INSTALLED WITH TOP A MIN. OF 12" BELOW FINISHED GRADE. RESISTANCE TO GROUND SHALL NOT EXCEED 25 OHMS PER NEC.

1 GROUNDING AND BONDING DETAIL
SCALE: NTS



2 TELEPHONE/DATA BACKBOARD
SCALE: NTS



3 LIGHT POLE BASE DETAIL
SCALE: NTS

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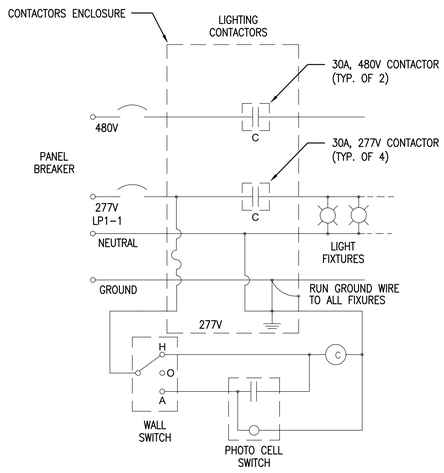
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DRAWN BY:	BDD
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ELECTRICAL DETAILS

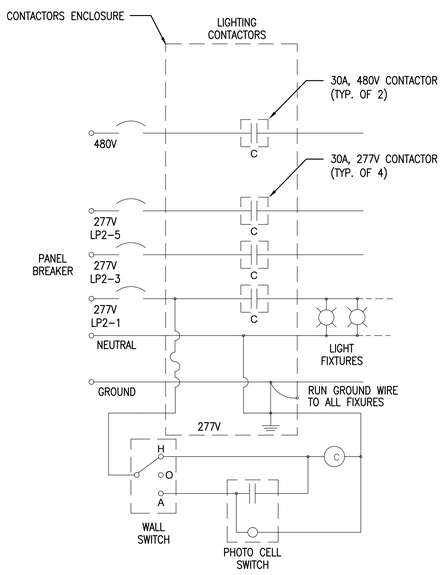
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E501

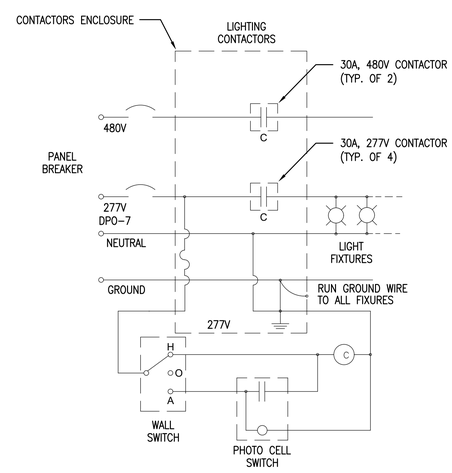
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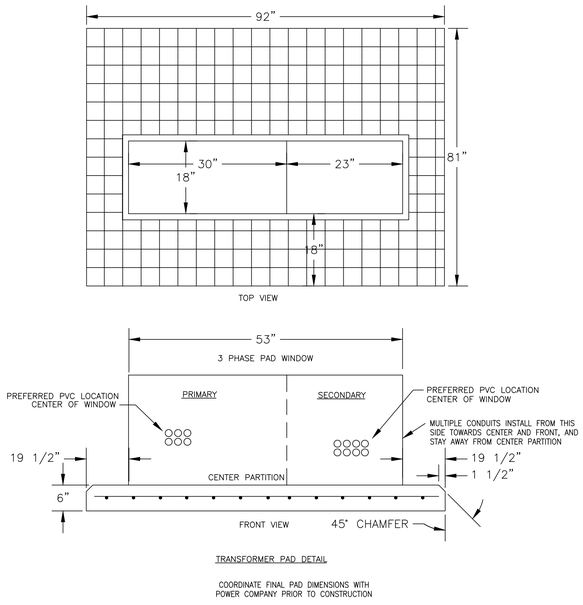
1 LIGHTING CONTACTOR LC-1 DETAIL
SCALE: NTS



2 LIGHTING CONTACTOR LC-2 DETAIL
SCALE: NTS



3 LIGHTING CONTACTOR LC-3 DETAIL
SCALE: NTS



4 UTILITY PAD MOUNT TRANSFORMER PAD DETAILS
SCALE: NTS

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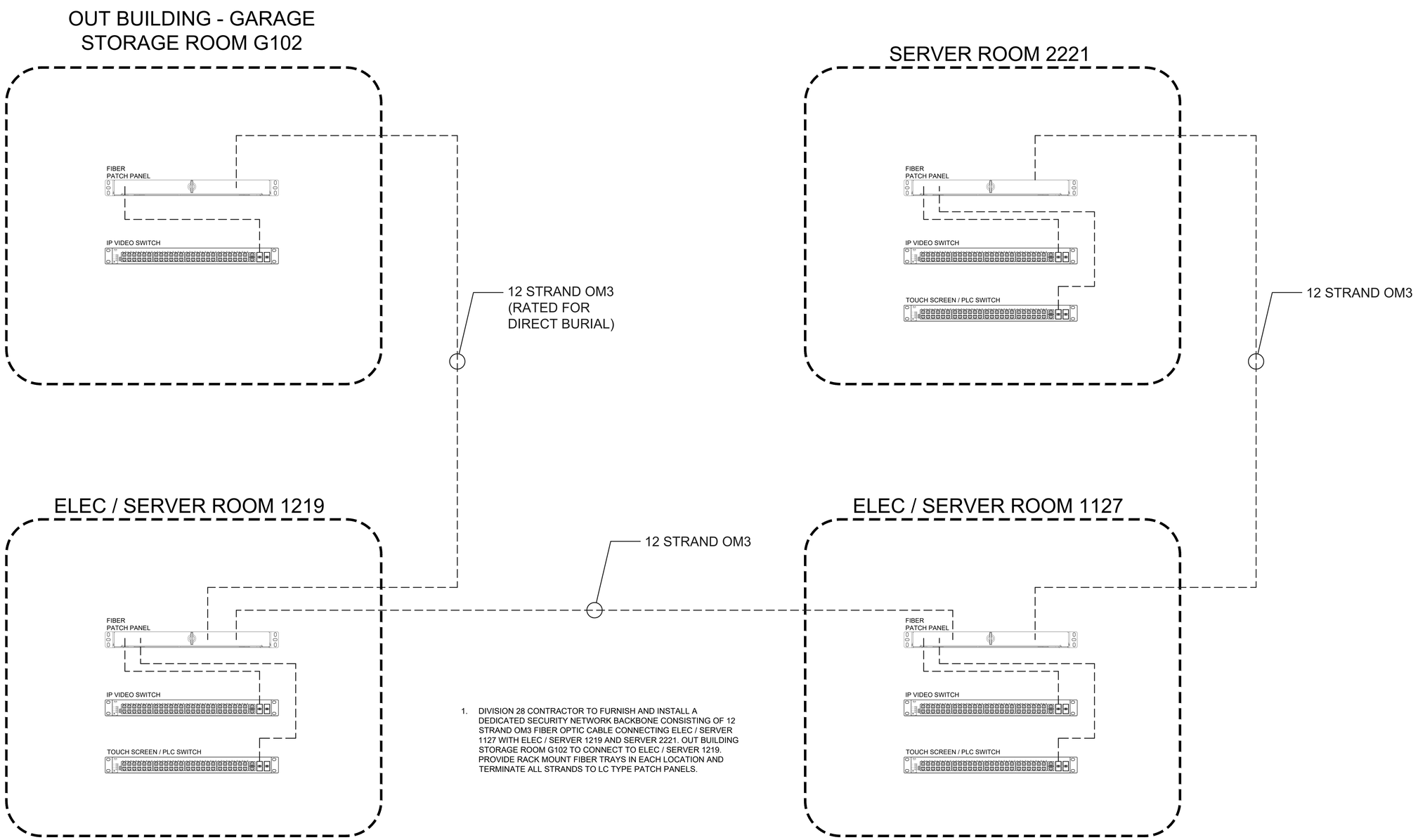
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1. DIVISION 28 CONTRACTOR TO FURNISH AND INSTALL A DEDICATED SECURITY NETWORK BACKBONE CONSISTING OF 12 STRAND OM3 FIBER OPTIC CABLE CONNECTING ELEC / SERVER 1127 WITH ELEC / SERVER 1219 AND SERVER 2221. OUT BUILDING STORAGE ROOM G102 TO CONNECT TO ELEC / SERVER 1219. PROVIDE RACK MOUNT FIBER TRAYS IN EACH LOCATION AND TERMINATE ALL STRANDS TO LC TYPE PATCH PANELS.

01 SECURITY NETWORK ONE-LINE
SCALE: NTS

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SECURITY - NETWORK RISER DIAGRAM

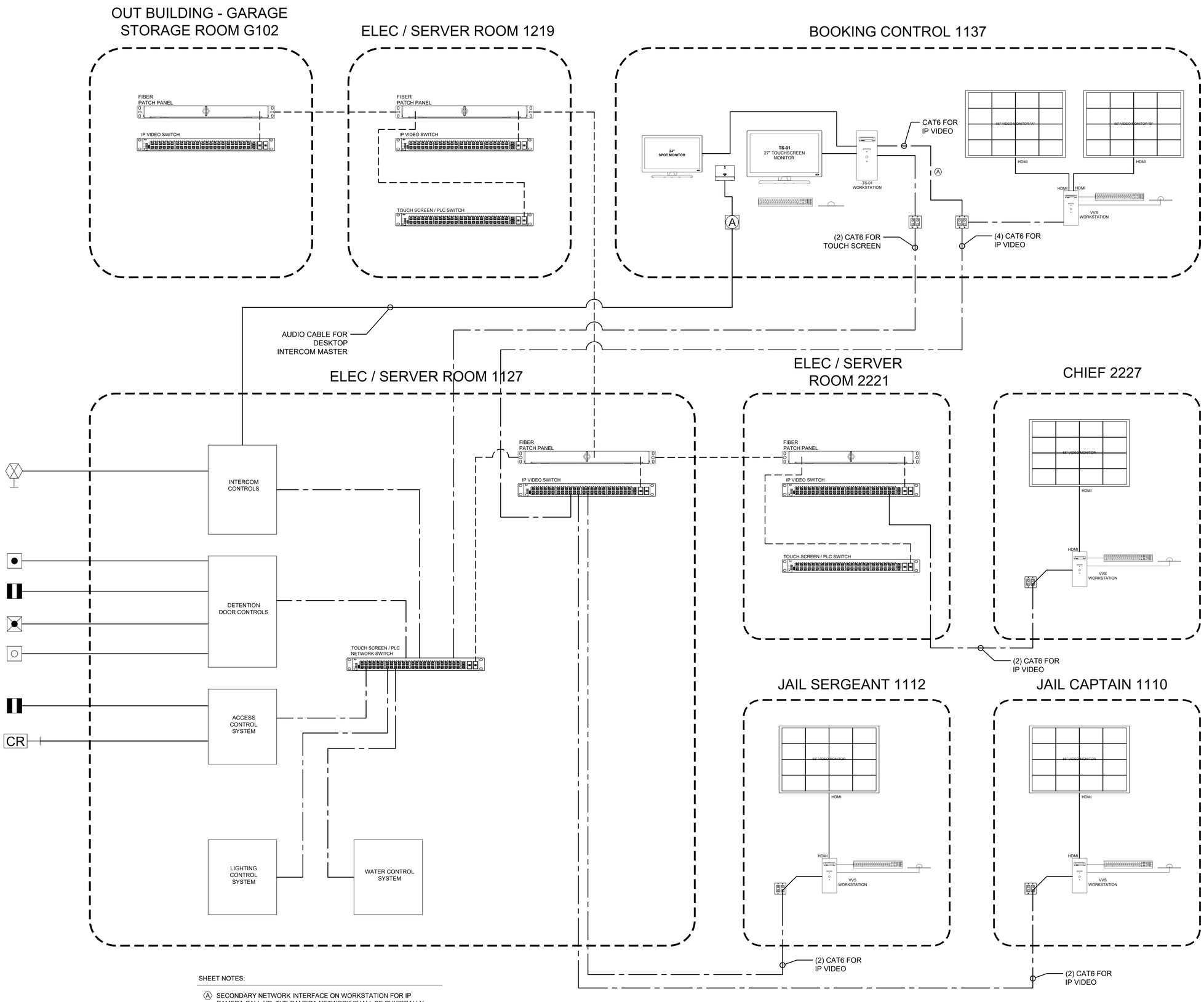
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E511

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SHEET NOTES:

Ⓐ SECONDARY NETWORK INTERFACE ON WORKSTATION FOR IP CAMERA CALL-UP. THE CAMERA NETWORK SHALL BE PHYSICALLY SEPARATE FROM THE TOUCH SCREEN / PLC / INTERCOM NETWORK. IT IS NOT PERMISSIBLE TO USE VLAN SEPARATION. TWO PHYSICALLY SEPARATE NETWORKS ARE REQUIRED.

01 SYSTEM INTERCONNECT ONE-LINE DIAGRAM
SCALE: NTS

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SECURITY - SYSTEM ONE-LINE DIAGRAM

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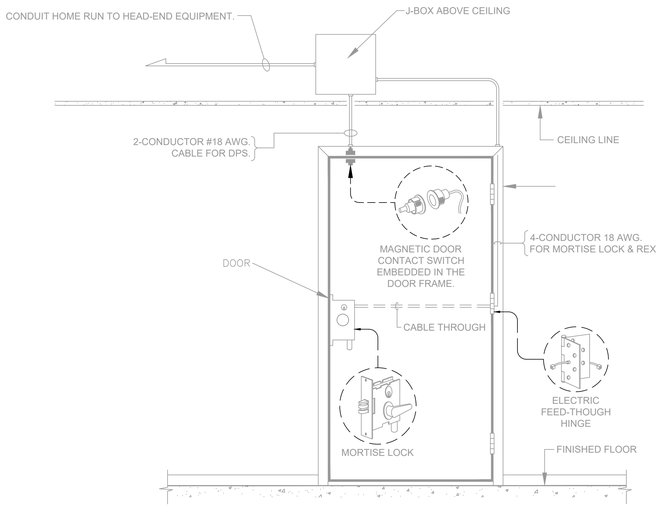
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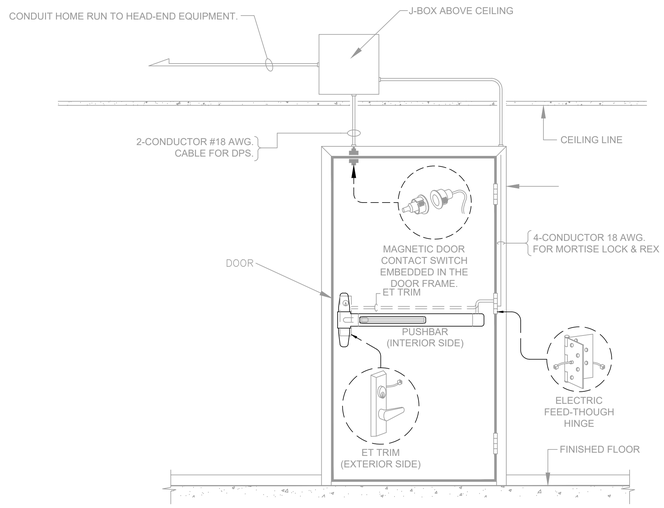
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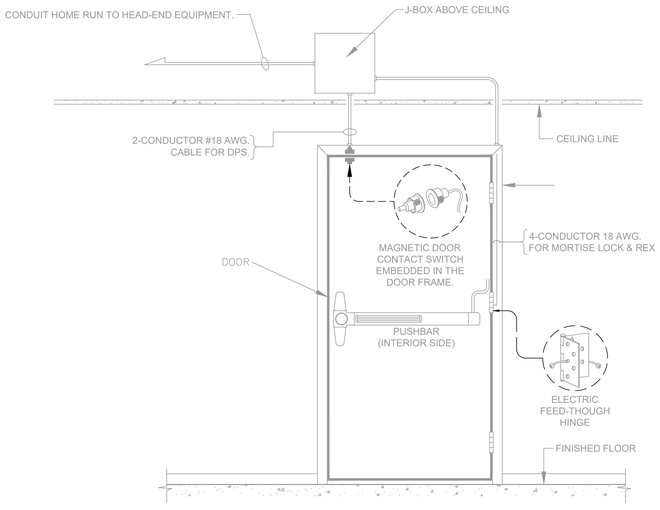
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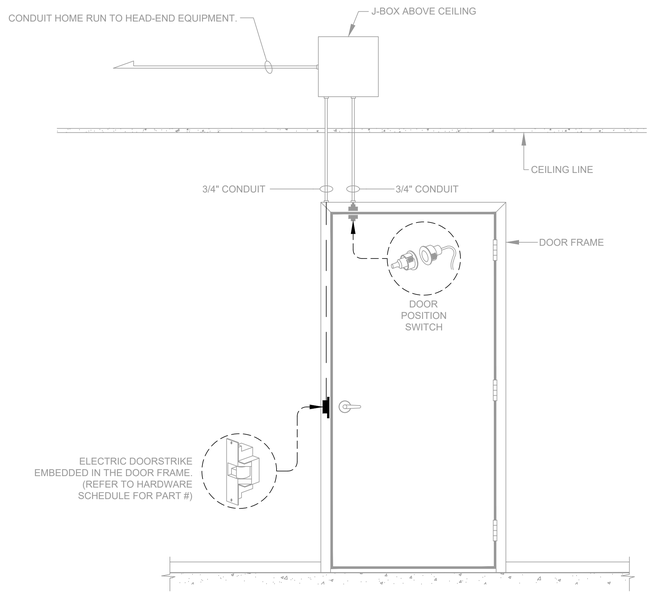
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SCALE: NTS



02 ELECTRIFIED CRASHBAR DETAIL
SCALE: NTS



03 ELECTRIFIED CRASHBAR DETAIL
SCALE: NTS



04 ELECTRIC STRIKE DETAIL
SCALE: NTS

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BRADLEY PATANO
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PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

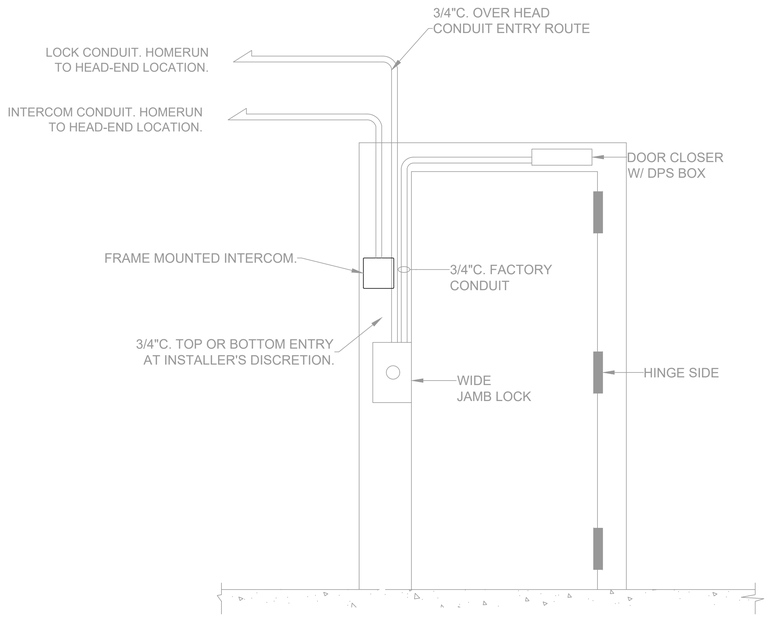
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ACCESS CONTROL DOOR DETAILS

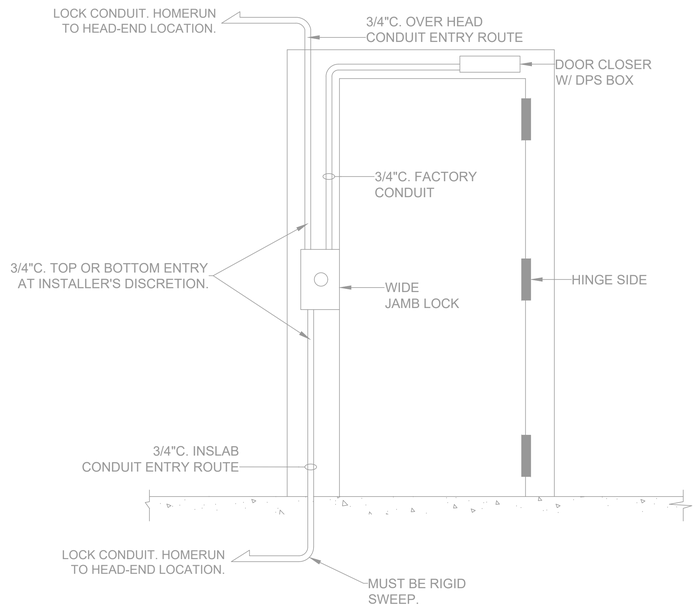
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PROJECT NO: 0315.23.001
DRAWN BY: KDB
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E513

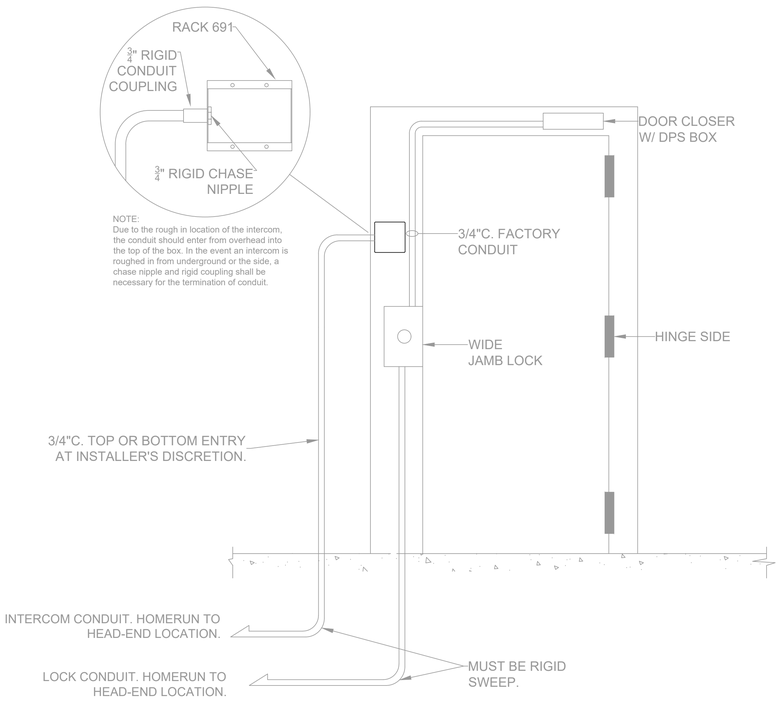
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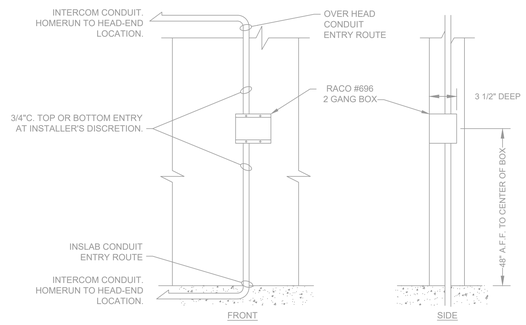
01 LOCK WITH FRAME MOUNTED INTERCOM - OVERHEAD CONDUIT
SCALE: NTS



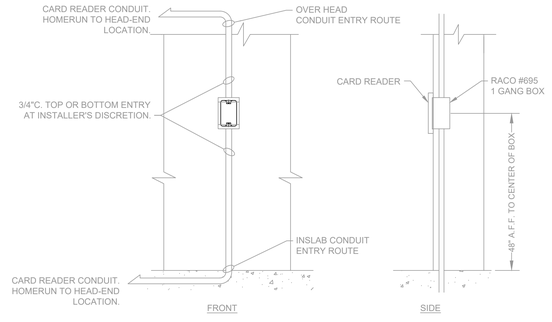
02 LOCK WITHOUT INTERCOM DETAIL
SCALE: NTS



03 LOCK WITH FRAME MOUNTED INTERCOM - UNDERGROUND CONDUIT
SCALE: NTS



04 2 GANG RECESSED WALL MOUNT INTERCOM DETAIL
SCALE: NTS



05 CARD READER DETAIL
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FUNCTIONAL DEPENDENT DESIGN
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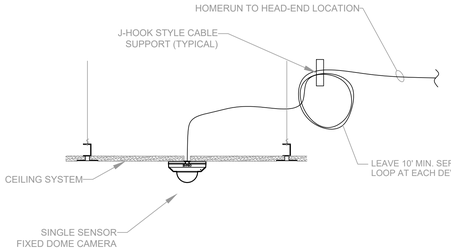
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ACCESS CONTROL DETENTION DOOR DETAILS

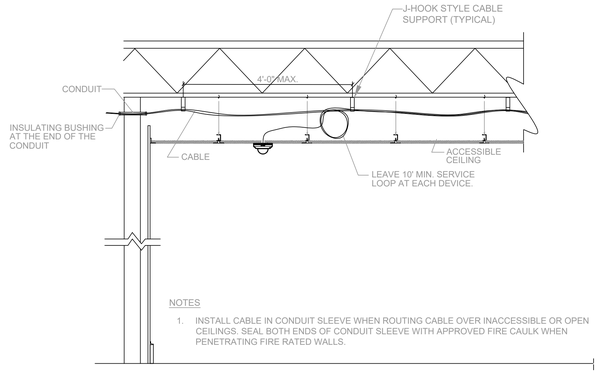
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PROJECT NO: 0315.23.001
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E514

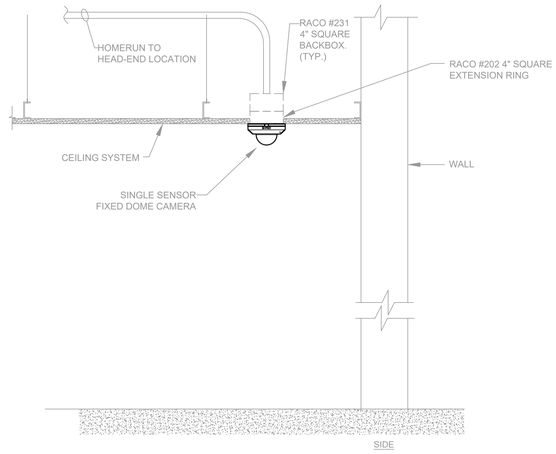
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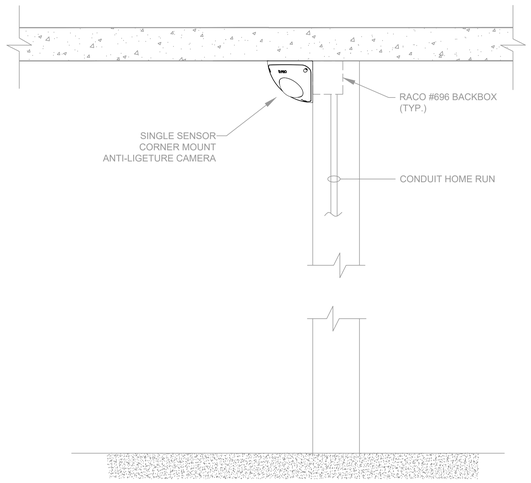
01 FIXED-DOME CAMERA LAY-IN CEILING MOUNT
SCALE: NTS



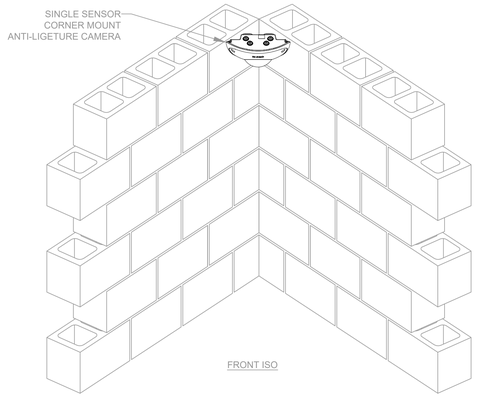
02 J-HOOK / CABLE ROUTING DETAIL
SCALE: NTS



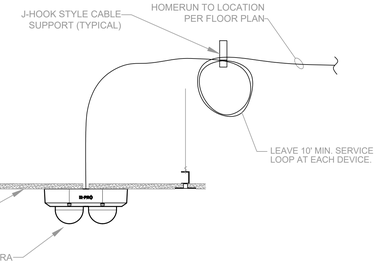
03 CAMERA DETAIL - INT. HARD CEILING MOUNT
SCALE: NTS



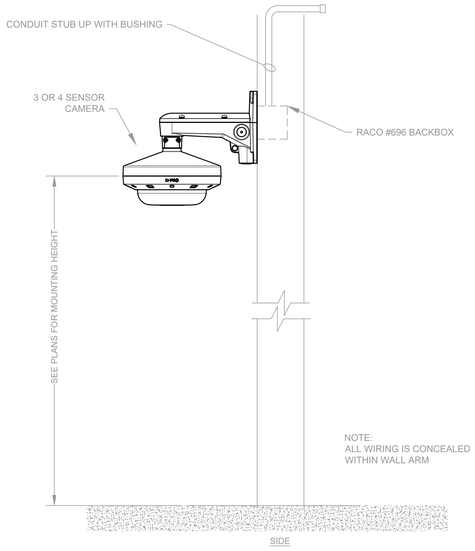
04 ANTI-LIGETURE CAMERA MOUNT
SCALE: NTS



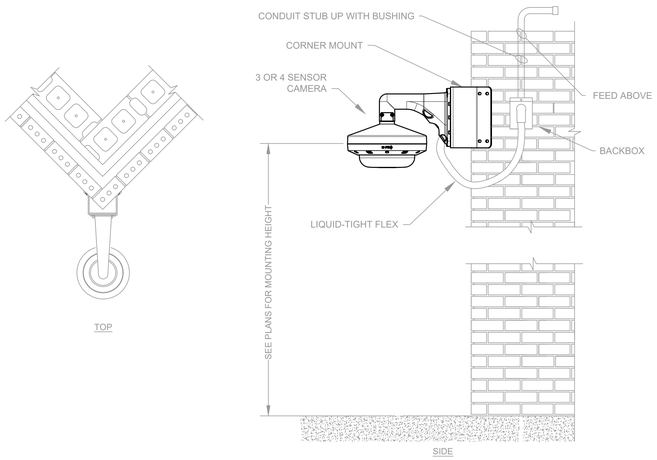
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SCALE: NTS



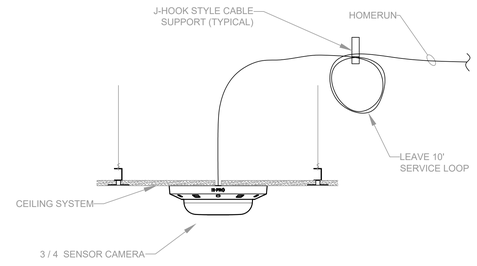
06 DUAL SENSOR LAY-IN CEILING MOUNT
SCALE: NTS



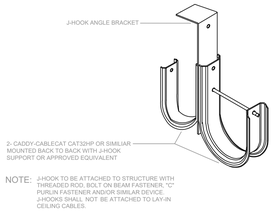
07 3 OR 4 SENSOR CAMERA EXTERIOR WALL MOUNT
SCALE: NTS



08 3 OR 4 SENSOR CAMERA EXTERIOR CORNER MOUNT
SCALE: NTS



09 3 OR 4 SENSOR CAMERA LAY-IN CEILING MOUNT
SCALE: NTS



10 J-HOOK CABLE MANAGEMENT DETAIL
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FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

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PROJECT NO:	0315.23.001
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CAMERA MOUNTING DETAILS

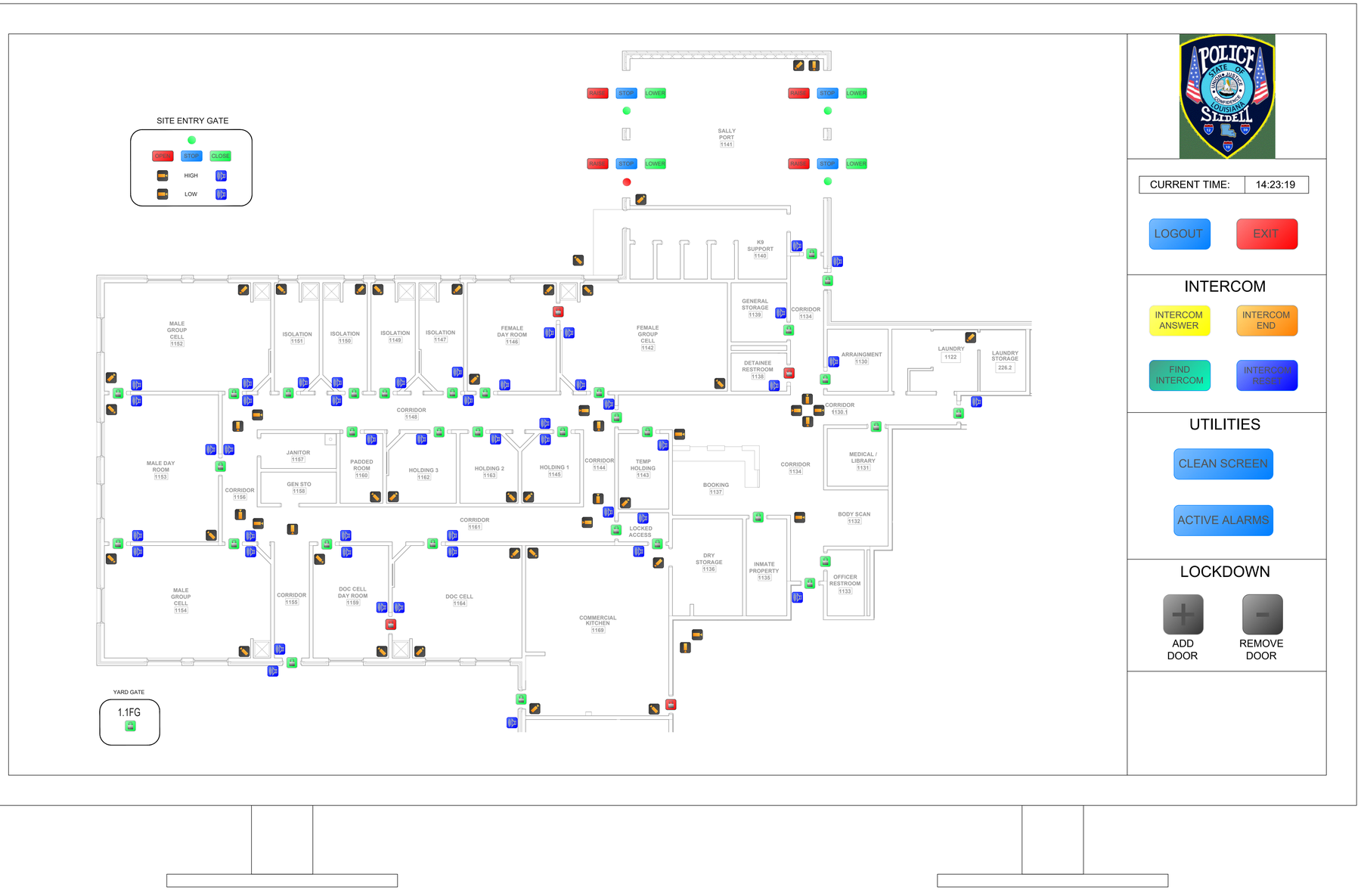
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E515

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SHEET NOTES:

1. THE ABOVE TOUCH SCREEN LAYOUT IS PROVIDED AS AN EXAMPLE, AND MAY NOT SHOW ALL REQUIRED FEATURES, FUNCTIONS OR CONTROLLED DEVICES.
2. REFER TO CONTRACT DOCUMENTS FOR REQUIRED SYSTEM FEATURES AND FUNCTIONS AND CONTROLLED AND / OR MONITORED EQUIPMENT.

01 BOOKING TOUCHSCREEN LAYOUT
SCALE: NTS

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
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SECURITY TOUCH SCREEN DETAILS

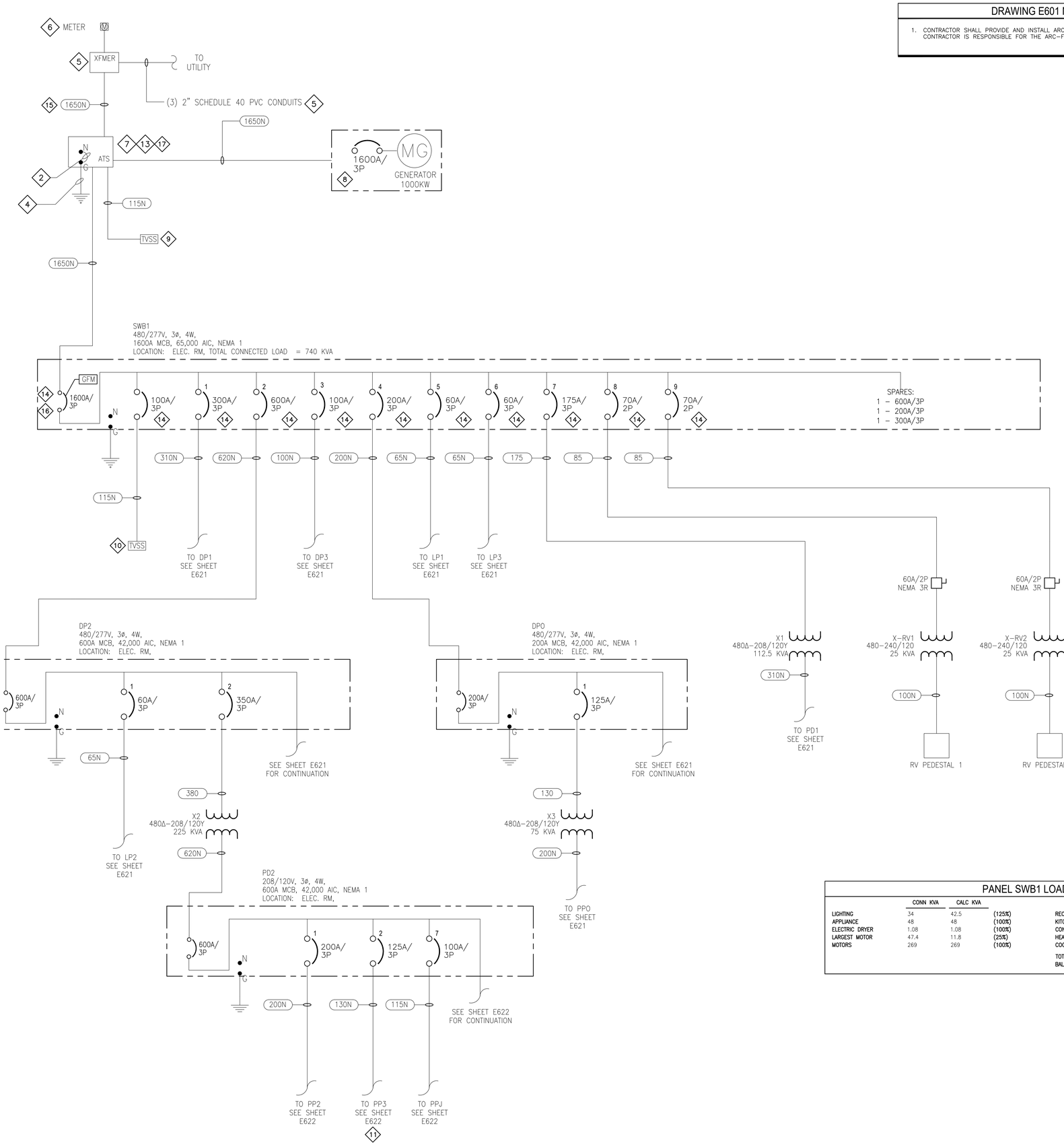
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DRAWING E601 NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL ARC–FLASH LABELS ON ALL EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR THE ARC–FLASH STUDY PER THE SPECIFICATIONS.

DRAWING E601 SPECIFIC NOTES

1. NOT USED.
2. MAIN BONDING JUMPER SHALL BE #250 OR COPPER BAR EQUIVALENT.
3. NOT USED.
4. 4/0 CU GROUND IN 3/4" CONDUIT. CONNECT TO THE BUILDING GROUNDING ELECTRODE SYSTEM. SEE DETAIL 1 ON E501.
5. UTILITY PAD MOUNT TRANSFORMER SHALL BE PROVIDED AND INSTALLED BY UTILITY. PRIMARY CABLE SHALL BE PROVIDED, INSTALLED AND TERMINATED BY UTILITY. PRIMARY CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. COORDINATE WITH UTILITY ON TURN UP AND TERMINATION POINTS. SECONDARY CONDUIT AND CABLE SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR, TERMINATED AT PAD MOUNT BY UTILITY. CT SHALL BE INTEGRAL TO THE PAD MOUNT TRANSFORMER.
6. METER SHALL BE PROVIDED BY UTILITY AND INSTALLED BY CONTRACTOR. METER PAN, UNI–STRUT MOUNTING, CONDUIT AND WIRING SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR. COORDINATE WITH UTILITY PRIOR TO ROUGHING IN.
7. 480/277V, 3–PHASE, 1600 AMP, NEMA 3R ENCLOSURE, OPEN TRANSITION, NON–SWITCHED NEUTRAL AUTOMATIC TRANSFER SWITCH. ASCO 300 SERIES OR EQUAL.
8. 480/277V, 3–PHASE, 750KW, DIESEL STAND BY GENERATOR WITH NEMA 3R SOUND ATTENUATING ENCLOSURE. GENERATOR BY KOHLER OR EQUAL. BREAKER SHALL HAVE ARC FAULT REDUCTION.
9. TVSS SHALL BE BY CURRENT TECHNOLOGY TRANSGUARD TG3 SURGE PROTECTION DEVICE. MODEL NUMBER TG3–200–208–3Y–MDB–M2–F OR APPROVED EQUAL. CONNECTION TO THE ATS SHALL BE BY DOUBLE BARREL LUGS AT THE MAIN CONNECTION. COORDINATE EXACT TERMINATION WITH THE ATS MANUFACTURER AND THE SPD MANUFACTURER. DEVICE MUST BE LOCATED WITHIN 10' OF AUTOMATIC TRANSFER SWITCH. NO INTERNAL TO THE ATS TVSS DEVICES ALLOWED.
10. TVSS SHALL BE BY CURRENT TECHNOLOGY TRANSGUARD TG3 SURGE PROTECTION DEVICE. MODEL NUMBER TG3–150–208–3Y–MNB–M2–F OR APPROVED EQUAL. DEVICE MUST BE LOCATED WITHIN 10' OF PANEL SWB1. NO INTERNAL TO THE PANEL TVSS ALLOWED.
11. CONTRACTOR SHALL PROVIDE AND INSTALL TVSS FOR PANEL PPJ. TVSS SHALL BE BY CURRENT TECHNOLOGY TRANSGUARD TG3 PROTECTION DEVICE. MODEL NUMBER TG3–050–208–3Y–MNB–M2–F OR APPROVED EQUAL. DEVICE MUST BE LOCATED WITHIN 10' OF THE PANEL. NO INTERNAL TO THE PANEL TVSS ALLOWED.
12. NOT USED
13. 1600A BREAKER LOCATED IN ATS SHALL BE 100% RATED.
14. BREAKER SHALL BE ELECTRONIC TRIP TYPE.
15. EQUIPMENT GROUND CONDUCTOR NOT REQUIRED BETWEEN UTILITY TRANSFORMER AND ATS.
16. BREAKER SHALL HAVE ARC FAULT REDUCTION MODE.
17. ATS SHALL HAVE MAINTENANCE BYPASS SWITCH.

PANEL SWB1 LOAD SCHEDULE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	34	42.5	(125%)	RECEPTACLES	165	87.6	(50%>10)
APPLIANCE	48	48	(100%)	KITCHEN EQUIPMENT	9	9	(100%)
ELECTRIC DRYER	1.08	1.08	(100%)	CONTINUOUS	0.34	0.425	(125%)
LARGEST MOTOR	47.4	11.8	(25%)	HEATING	291	291	(100%)
MOTORS	269	269	(100%)	COOLING	101	0	(0%)
				TOTAL LOAD		764	
				BALANCED 3–PHASE LOAD		919 A	

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DP1 ①

ROOM ELEC ROOM 1219 | VOLTS 480Y/277V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 300 | MAIN BKR 300
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/3	12.5	WH-1-1 (20)	a	2	70/3	47.4	RTU-1 (85)
3	|			b	4	|		
5	|			c	6	|		
7	20/2	0	SPARE	a	8	40/3	26.6	RTU-3 (50)
9	|			b	10	|		
11	20/1	0	SPARE	c	12	|		
13	20/3	10	VAV-1-1, VAV-1-2, VAV-1-4, VAV-1-9, VAV-1-10, VAV-1-11	a	14	20/3	4.16	GATE MOTOR
15	|			b	16	|		
17	|			c	18	|		
19	20/3	9	VAV-1-7, VAV-1-8, VAV-1-12, VAV-1-13, VAV-1-14, VAV-1-17	a	20	20/3	4.07	CRAC-CU-1 (20)
21	|			b	22	|		
23	|			c	24	|		
25	20/3	11.5	VAV-1-15, VAV-1-16, VAV-1-18, VAV-1-19, VAV-1-21, VAV-1-22, VAV-1-23	a	26	20/1	0	SPARE
27	|			b	28	20/1	0	SPARE
29	|			c	30	20/1	0	SPARE
31	20/3	12.5	VAV-1-3, VAV-1-5, VAV-1-6, VAV-1-20, VAV-1-26, VAV-1-27, VAV-2-1	a	32	20/1	0	SPARE
33	|			b	34	20/1	0	SPARE
35	|			c	36	20/1	0	SPARE
37	50/3	29.9	OAU-1 (50)	a	38	20/1	0	SPARE
39	|			b	40	20/1	0	SPARE
41	|			c	42	20/1	0	SPARE

	CONN KVA	CALC KVA			CALC KVA
LARGEST MOTOR	47.4	11.8	(25%)	TOTAL LOAD	179
MOTORS	82.2	82.2	(100%)	BALANCED 3-PHASE LOAD	216 A
HEATING	85.4	85.4	(100%)	PHASE A	100%
COOLING	29.9	0	(0%)	PHASE B	100%
				PHASE C	100%

LP1 ①

ROOM ELEC ROOM 1219 | VOLTS 480Y/277V 3P 4W | AIC 35,000
MOUNTING SURFACE | BUS AMPS 60 | MAIN BKR 60
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.867	LIGHTING	a	2	20/1	1.31	LIGHTING
3	20/1	1.34	LIGHTING	b	4	20/1	0.446	LIGHTING
5	20/1	1.15	LIGHTING	c	6	20/1	0	SPARE
7	20/1	1.18	LIGHTING	a	8	20/1	0	SPARE
9	20/1	2.27	LIGHTING	b	10	20/1	0	SPARE
11	20/1	0	SPARE	c	12	20/1	0	SPARE
13	20/1	0	SPARE	a	14	20/1	0	SPARE
15	20/1	0	SPARE	b	16	20/1	0	SPARE
17	20/1	0	SPARE	c	18	20/1	0	SPARE
19	20/1	0	SPARE	a	20	20/1	0	SPARE
21	20/1	0	SPARE	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA	
LIGHTING	8.56	10.7	(125%)

	CALC KVA
TOTAL LOAD	10.7
BALANCED 3-PHASE LOAD	12.9 A
PHASE A	118%
PHASE B	142%
PHASE C	40.3%

DRAWING E621 SPECIFIC NOTES

① CONTRACTOR SHALL PROVIDE AND INSTALL ARC-FLASH LABELS ON ALL EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR ARC-FLASH STUDY PER SPECIFICATION.

DP2 ①

ROOM ELEC ROOM 1127 | VOLTS 480Y/277V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 600 | MAIN BKR 600
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	350/3	131	XFMR X2	a	2	60/3	12	PANEL LP2
3	|			b	4	|		
5	|			c	6	|		
7	20/3	11.5	VAV-1-24, VAV-1-25, VAV-1-28, VAV-2-8	a	8	20/3	13	RTU-5 (20)
9	|			b	10	|		
11	|			c	12	|		
13	20/3	11	VAV-2-10, VAV-2-11, VAV-2-12, VAV-2-13, VAV-2-14, VAV-2-15, VAV-2-16	a	14	25/3	18.1	RTU-4 (30)
15	|			b	16	|		
17	|			c	18	|		
19	20/3	8.5	VAV-2-5, VAV-2-7, VAV-2-17, VAV-2-18	a	20	25/3	18.1	RTU-7 (30)
21	|			b	22	|		
23	|			c	24	|		
25	20/3	11.5	VAV-2-2, VAV-2-3, VAV-2-4, VAV-2-6, VAV-2-9, VAV-2-20	a	26	50/3	34.1	OAU-2 (50)
27	|			b	28	|		
29	|			c	30	|		
31	20/3	4	VAV-2-19	a	32	25/3	16.7	RTU-6 (30)
33	|			b	34	|		
35	|			c	36	|		
37	70/3	47.4	RTU-2 (85)	a	38	30/3	15	OAU-3 (30)
39	|			b	40	|		
41	|			c	42	|		
43	40/3	24	WH-1-2 (50)	a	44	20/3	4.07	CRAC-CU-2 (20)
45	|			b	46	|		
47	|			c	48	|		
49	20/3	7.98	ROLL UP DOOR (20)	a	50	20/1	0	SPARE
51	|			b	52	20/1	0	SPARE
53	|			c	54	20/1	0	SPARE
55	20/3	7.98	ROLL UP DOOR (20)	a	56	20/1	0	SPARE
57	|			b	58	20/1	0	SPARE
59	|			c	60	20/1	0	SPARE
61	20/1	0	SPARE	a	62	20/1	0	SPARE
63	20/1	0	SPARE	b	64	20/1	0	SPARE
65	20/1	0	SPARE	c	66	20/1	0	SPARE
67	20/1	0	SPARE	a	68	20/1	0	SPARE
69	20/1	0	SPARE	b	70	20/1	0	SPARE
71	20/1	0	SPARE	c	72	20/1	0	SPARE
73	20/1	0	SPARE	a	74	20/1	0	SPARE
75	20/1	0	SPARE	b	76	20/1	0	SPARE
77	20/1	0	SPARE	c	78	20/1	0	SPARE
79	20/1	0	SPARE	a	80	20/1	0	SPARE
81	20/1	0	SPARE	b	82	20/1	0	SPARE
83	20/1	0	SPARE	c	84	20/1	0	SPARE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	12	15	(125%)	RECEPTACLES	97.9	53.9	(50%>10)
ELECTRIC DRYER	1.08	1.08	(100%)	KITCHEN EQUIPMENT	9	9	(100%)
LARGEST MOTOR	47.4	11.8	(25%)	CONTINUOUS	0.006	0.008	(125%)
MOTORS	150	150	(100%)	HEATING	121	121	(100%)
				COOLING	49.1	0	(0%)
				TOTAL LOAD		366	
				BALANCED 3-PHASE LOAD		440 A	
				PHASE A		99%	
				PHASE B		99.6%	

LP2 ①

ROOM ELEC ROOM 1127 | VOLTS 480Y/277V 3P 4W | AIC 35,000
MOUNTING SURFACE | BUS AMPS 60 | MAIN BKR 60
FED FROM DP2 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.867	LIGHTING	a	2	20/1	1.14	LIGHTING
3	20/1	1.21	LIGHTING	b	4	20/1	0.506	LIGHTING
5	20/1	0.387	LIGHTING	c	6	20/1	1.78	LIGHTING
7	20/1	0.769	LIGHTING	a	8	20/1	0.628	LIGHTING
9	20/1	1.83	LIGHTING	b	10	20/1	0.256	LIGHTING
11	20/1	1.12	LIGHTING	c	12	20/1	0.363	LIGHTING
13	20/1	0.538	LIGHTING	a	14	20/1	0	SPARE
15	20/1	0.637	LIGHTING	b	16	20/1	0	SPARE
17	20/1	0	SPARE	c	18	20/1	0	SPARE
19	20/1	0	SPARE	a	20	20/1	0	SPARE
21	20/1	0	SPARE	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA	
LIGHTING	12	15	(125%)

	CALC KVA
TOTAL LOAD	15
BALANCED 3-PHASE LOAD	18.1 A
PHASE A	98.3%
PHASE B	111%
PHASE C	91%

DP3 ①

ROOM 2ND FLOOR ELEC ROOM | VOLTS 480Y/277V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 100 | MAIN BKR 100
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/3	10.5	VAV-3-2, VAV-3-3, VAV-3-7	a	2	20/3	12.5	WH-2-1 (20)
3	|			b	4	|		
5	|			c	6	|		
7	20/3	6	VAV-3-1, VAV-3-4, VAV-3-5	a	8	20/1	0.694	LIGHTING
9	|			b	10	30/3	15	CRAC-1 (30)
11	|			c	12	|		
13	20/3	4.5	VAV-3-9, VAV-3-10, VAV-3-11	a	14	|		
15	|			b	16	30/3	15	CRAC-2 (30)
17	|			c	18	|		
19	20/3	3	VAV-3-6, VAV-3-8	a	20	|		
21	|			b	22	20/1	0	SPARE
23	|			c	24	20/1	0	SPARE
25	20/1	0.844	LIGHTING	a	26	20/1	0	SPARE
27	20/1	0.631	LIGHTING	b	28	20/1	0	SPARE
29	20/1	0.953	LIGHTING	c	30	20/1	0	SPARE
31	20/1	0.719	LIGHTING	a	32	20/1	0	SPARE
33	20/1	0.429	LIGHTING	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	4.27	5.34	(125%)	MOTORS	8.48	8.48	(100%)
LARGEST MOTOR	10.8	2.7	(25%)	HEATING	36.5	36.5	(100%)
				COOLING	21.6	0	(0%)
				TOTAL LOAD		53	
				BALANCED 3-PHASE LOAD		63.7 A	
				PHASE A		104%	
				PHASE B		98.5%	
				PHASE C		98%	

LP3 ①

ROOM ELEC ROOM 1158 | VOLTS 480Y/277V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 60 | MAIN BKR 60
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.64	LIGHTING	a	2	20/1	0.32	LIGHTING
3	20/1	0.64	LIGHTING	b	4	20/1	0.48	LIGHTING
5	20/1	0.64	LIGHTING	c	6	20/1	0.582	LIGHTING
7	20/1	0.16	LIGHTING	a	8	20/1	0.16	LIGHTING
9	20/1	0.16	LIGHTING	b	10	20/1	0.849	LIGHTING
11	20/1	0.16	LIGHTING	c	12	20/1	0.16	LIGHTING
13	20/1	0.16	LIGHTING	a	14	20/1	0.16	LIGHTING
15	20/1	0.32	LIGHTING	b	16	20/1	0.16	LIGHTING
17	20/1	0.64	LIGHTING	c	18	20/1	0.16	LIGHTING
19	20/1	0.16	LIGHTING	a	20	20/1	0	SPARE
21	20/1	0	SPARE	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA	
LIGHTING	6.71	8.39	(125%)

	CALC KVA
TOTAL LOAD	8.39
BALANCED 3-PHASE LOAD	10.1 A
PHASE A	78.7%
PHASE B	117%
PHASE C	105%

DP0 ①

ROOM ELEC ROOM G102 | VOLTS 480Y/277V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 200 | MAIN BKR 200
FED FROM SWB1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	125/3	35.6	XFMR X3	a	2	20/3	12.5	WH-3-1 (20)
3	|			b	4	|		
5	|			c	6	|		
7	20/1	1.39	LIGHTING	a	8	20/1	0	SPARE
9	20/1	0.686	LIGHTING	b	10	20/1	0	SPARE
11	20/1	0.324	LIGHTING	c	12	20/1	0	SPARE
13	80/3	32.8	OAU-4 (85)	a	14	20/1	0	SPARE
15	|			b	16	20/1	0	SPARE
17	|			c	18	20/1	0	SPARE
19	20/1	0	SPARE	a	20	20/1	0	SPARE
21	20/1	0	SPARE	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	2.4	3	(125%)	MOTORS	24.6	24.6	(100%)
LARGEST MOTOR	3.12	0.78	(25%)	RECEPTACLES	13.9	11.9	(50%>10)
				HEATING	42.5	42.5	(100%)
				TOTAL LOAD		82.8	
				BALANCED 3-PHASE LOAD		99.6 A	
				PHASE A		100%	
				PHASE B		101%	
				PHASE C		99%	

PD1 ①

ROOM ELEC ROOM 1219 | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 300 | MAIN BKR 300
FED FROM X1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	200/3	46.2	PANEL PP1 (200N)	a	2	20/1	0.76	RECEPTACLE
3	|			b	4	20/1	0.36	RECEPTACLE
5	|			c	6	20/1	1	RECEPTACLE
7	20/1	0.72	RECEPTACLE	a	8	20/1	0.36	RECEPTACLE
9	20/1	0.54	RECEPTACLE	b	10	20/1	0.36	RECEPTACLE
11	20/1	0.36	RECEPTACLE	c	12	20/1	0.54	RECEPTACLE
13	20/1	0.36	RECEPTACLE	a	14	20/1	0.54	RECEPTACLE
15	20/1	0.36	RECEPTACLE	b	16	20/1	0.36	RECEPTACLE
17	20/1	0.36	RECEPTACLE	c	18	20/1	0.36	RECEPTACLE
19	20/1	0.54	RECEPTACLE	a	20	20/1	0.54	RECEPTACLE
21	20/1	0.54	RECEPTACLE	b	22	20/3	2.83	AIR COMPRESSOR
23	20/1	0.36	RECEPTACLE	c	24	|		
25	20/1	0.36	RECEPTACLE	a	26	|		
27	20/1	0.36	RECEPTACLE	b	28	20/1	0.18	CONTROL PANEL
29	20/1	0.36	RECEPTACLE	c	30	20/1	0	SPARE
31	20/1	0.54	RECEPTACLE	a	32	20/1	0	SPARE
33	20/1	0.54	RECEPTACLE	b	34	20/1	0	SPARE
35	20/1	0.36	RECEPTACLE	c	36	20/1	0	SPARE
37	20/1	0.36	RECEPTACLE	a	38	20/1	0	SPARE
39	20/1	0.36	RECEPTACLE	b	40	20/1	0	SPARE
41	20/1	0.36	RECEPTACLE	c	42	20/1	0	SPARE
43	20/1	0.54	RECEPTACLE	a	44	20/1	0	SPARE
45	20/1	0	SPARE	b	46	20/1	0	SPARE
47	20/1	0	SPARE	c	48	20/1	0	SPARE
49	20/1	0	SPARE	a	50	20/1	0	SPARE
51	20/1	0	SPARE	b	52	20/1	0	SPARE
53	20/1	0	SPARE	c	54	20/1	0	SPARE
55	20/1	0	SPARE	a	56	20/1	0	SPARE
57	20/1	0	SPARE	b	58	20/1	0	SPARE
59	20/1	0	SPARE	c	60	20/1	0	SPARE
61	20/1	0	SPARE	a	62	20/1	0	SPARE
63	20/1	0	SPARE	b	64	20/1	0	SPARE
65	20/1	0	SPARE	c	66	20/1	0	SPARE
67	20/1	0	SPARE	a	68	20/1	0	SPARE
69	20/1	0	SPARE	b	70	20/1	0	SPARE
71	20/1	0	SPARE	c	72	20/1	0	SPARE
73	20/1	0	SPARE	a	74	20/1	0	SPARE
75	20/1	0	SPARE	b	76	20/1	0	SPARE
77	20/1	0	SPARE	c	78	20/1	0	SPARE
79	20/1	0	SPARE	a	80	20/1	0	SPARE
81	20/1	0	SPARE	b	82	20/1	0	SPARE
83	20/1	0	SPARE	c	84	20/1	0	SPARE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LARGEST MOTOR	2.83	0.707	(25%)	RECEPTACLES	53.5	31.7	(50%>10)
MOTORS	2.85	2.85	(100%)	CONTINUOUS	0.334	0.417	(125%)
				HEATING	6	6	(100%)
				TOTAL LOAD		41.7	
				BALANCED 3-PHASE LOAD		116 A	
				PHASE A		97%	
				PHASE B		108%	
				PHASE C		95.1%	

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: NTS
PROJECT NO: 0315.23.001
DRAWN BY: BDD
CHECKED BY: KDB

ELECTRICAL PANEL SCHEDULES

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

E621

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PD2 ①

ROOM ELEC ROOM 1127 | VOLTS 208Y/120V 3P 4W | AIC 42,000
MOUNTING SURFACE | BUS AMPS 600 | MAIN BKR 600
FED FROM X2 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	200/3	48.2	PANEL PP2	a	2	100/3	6.51	PANEL PPJ
3	|			b	4	|		
5	|			c	6	|		
7	200/3	28.9	PANEL PP3	a	8	20/1	0.36	RECEPTACLE
9	|			b	10	20/1	0.36	RECEPTACLE
11	|			c	12	20/1	0.36	RECEPTACLE
13	20/1	0.36	RECEPTACLE	a	14	20/1	0.54	RECEPTACLE
15	20/1	0.36	RECEPTACLE	b	16	60/2	9	DISHWASHER
17	20/1	1	RECEPTACLE	c	18	|		
19	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	a	20	20/1	0.4	RECEPTACLE
21	20/1	0.4	TELECOMMUNICATION RACK	b	22	50/3	12.6	ELEVATOR (50)
23	20/1	1.1	ICE MAKER (GFCI BREAKER)	c	24	|		
25	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	a	26	|		
27	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	b	28	20/1	0.4	TELECOMMUNICATION RACK
29	20/1	1.44	FREEZER (GFCI BREAKER)	c	30	20/1	0	SPARE
31	20/1	1.44	FREEZER (GFCI BREAKER)	a	32	20/1	0	SPARE
33	20/1	0.8	VENDING MACHINE (GFCI BREAKER)	b	34	20/1	1.06	KEF-1
35	20/1	0.8	VENDING MACHINE (GFCI BREAKER)	c	36	20/2	1.18	KSF-1(SHUNT TRIP BREAKER)
37	20/1	0.18	RECEPTACLE	a	38	|		
39	20/1	0.18	RECEPTACLE	b	40	20/1	0.456	REF-1
41	20/1	0.18	RECEPTACLE	c	42	20/1	0.18	RECEPTACLE
43	20/1	0.18	RECEPTACLE	a	44	20/3	4.5	COMMERCIAL WASHER (20)
45	20/1	0.028	HRP-1-2	b	46	|		
47	20/1	0.6	WH-1-3	c	48	|		
49	20/1	0.028	HRP-1-3	a	50	20/3	1.08	COMMERCIAL DRYER (20)
51	20/1	0.54	RECEPTACLE	b	52	|		
53	20/1	0.36	RECEPTACLE	c	54	|		
55	20/1	0.4	RECEPTACLE	a	56	20/1	0.18	IEF-1
57	20/1	0.4	RECEPTACLE	b	58	20/1	0	SPARE
59	20/1	1.18	SP-1	c	60	20/1	0	SPARE
61	20/1	0	SPARE	a	62	20/1	0	SPARE
63	20/1	0	SPARE	b	64	20/1	0	SPARE
65	20/1	0	SPARE	c	66	20/1	0	SPARE
67	20/1	0	SPARE	a	68	20/1	0	SPARE
69	20/1	0	SPARE	b	70	20/1	0	SPARE
71	20/1	0	SPARE	c	72	20/1	0	SPARE
73	20/1	0	SPARE	a	74	20/1	0	SPARE
75	20/1	0	SPARE	b	76	20/1	0	SPARE
77	20/1	0	SPARE	c	78	20/1	0	SPARE
79	20/1	0	SPARE	a	80	20/1	0	SPARE
81	20/1	0	SPARE	b	82	20/1	0	SPARE
83	20/1	0	SPARE	c	84	20/1	0	SPARE

	CONN KVA	CALC KVA	
ELECTRIC DRYER	1.08	1.08	(100%)
LARGEST MOTOR	12.6	3.15	(25%)
MOTORS	17	17	(100%)

	CONN KVA	CALC KVA	
RECEPTACLES	97.9	53.9	(50%>10)
KITCHEN EQUIPMENT	9	9	(100%)
CONTINUOUS	0.006	0.008	(125%)
HEATING	1.2	1.2	(100%)
TOTAL LOAD		88.9	
BALANCED 3-PHASE LOAD		247 A	
PHASE A		89.2%	

PP1 ①

ROOM ELEC ROOM 1219 | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 200 | MAIN BKR 200
FED FROM PD1 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.9	RECEPTACLE	a	2	20/1	0.36	RECEPTACLE
3	20/1	0.94	RECEPTACLE	b	4	20/1	0.54	RECEPTACLE
5	20/1	0.36	RECEPTACLE	c	6	20/1	0.36	RECEPTACLE
7	20/1	0.54	RECEPTACLE	a	8	20/1	0.54	RECEPTACLE
9	20/1	0.36	RECEPTACLE	b	10	20/1	0.36	RECEPTACLE
11	20/1	0.54	RECEPTACLE	c	12	20/1	0.54	RECEPTACLE
13	20/1	0.72	RECEPTACLE	a	14	20/1	0.36	RECEPTACLE
15	20/1	0.54	RECEPTACLE	b	16	20/1	0.94	RECEPTACLE
17	20/1	0.72	RECEPTACLE	c	18	20/1	0.36	RECEPTACLE
19	20/1	0.18	RECEPTACLE	a	20	20/1	0.36	RECEPTACLE
21	20/1	0.54	RECEPTACLE	b	22	20/1	0.54	RECEPTACLE
23	20/1	0.54	RECEPTACLE	c	24	20/1	0.72	RECEPTACLE
25	20/1	0.36	RECEPTACLE	a	26	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
27	20/1	0.36	RECEPTACLE	b	28	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
29	20/1	0.54	RECEPTACLE	c	30	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
31	20/1	0.36	RECEPTACLE	a	32	20/1	0.36	RECEPTACLE
33	20/1	0.54	RECEPTACLE	b	34	20/1	0.72	RECEPTACLE
35	20/1	0.36	RECEPTACLE	c	36	20/1	0.1	FIRE ALARM PANEL (20)
37	20/1	0.36	RECEPTACLE	a	38	20/1	0.4	TELECOMMUNICATION RACK
39	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	b	40	20/1	0.72	RECEPTACLE
41	20/1	0.9	RECEPTACLE	c	42	20/1	0.54	RECEPTACLE
43	20/1	0.36	RECEPTACLE	a	44	20/1	0.54	RECEPTACLE
45	20/1	0.36	RECEPTACLE	b	46	20/1	0.54	RECEPTACLE
47	20/1	0.18	RECEPTACLE	c	48	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
49	20/1	0.36	RECEPTACLE	a	50	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
51	20/1	0.9	RECEPTACLE	b	52	20/1	0.72	RECEPTACLE
53	20/1	0.36	RECEPTACLE	c	54	20/1	0.9	RECEPTACLE
55	20/1	0.8	VENDING MACHINE (GFCI BREAKER)	a	56	20/1	0.76	RECEPTACLE
57	20/1	0.18	RECEPTACLE	b	58	20/1	0.4	RECEPTACLE
59	20/1	0.18	RECEPTACLE	c	60	20/1	0.72	RECEPTACLE
61	20/1	0.18	RECEPTACLE	a	62	20/1	0.9	RECEPTACLE
63	20/1	1	BLOCK HEATER	b	64	20/1	0.54	RECEPTACLE
65	20/1	1	ENCLOSURE HEATER	c	66	20/1	0.72	RECEPTACLE
67	20/1	0.36	RECEPTACLE	a	68	20/1	0.9	RECEPTACLE
69	20/1	0.042	LASER SCANNER	b	70	20/1	0.36	RECEPTACLE
71	20/1	0.012	CARD READER, TAG READER	c	72	20/1	0.72	RECEPTACLE
73	20/1	0.36	RECEPTACLE	a	74	20/1	0.36	RECEPTACLE
75	30/2	2	EH-1 (30)	b	76	20/1	0.54	RECEPTACLE
77	|			c	78	20/1	0.54	RECEPTACLE
79	20/1	0.028	HRP-1-1	a	80	20/1	0.4	TELECOMMUNICATION RACK
81	30/1	2	BACKFLOW PREVENTER HEATER	b	82	20/1	0.36	RECEPTACLE
83	20/1	0.36	RECEPTACLE	c	84	20/1	0	SPARE

	CONN KVA	CALC KVA	
LARGEST MOTOR	0.028	0.007	(25%)
MOTORS	0.028	0.028	(100%)

	CONN KVA	CALC KVA	
RECEPTACLES	40	25	(50%>10)
CONTINUOUS	0.154	0.192	(125%)
HEATING	6	6	(100%)
TOTAL LOAD		31.2	
BALANCED 3-PHASE LOAD		86.7 A	
PHASE A		88.9%	
PHASE B		115%	
PHASE C		96.6%	

PP2 ①

ROOM ELEC ROOM 1127 | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 200 | MAIN BKR 200
FED FROM PD2 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.36	RECEPTACLE	a	2	20/1	0.54	RECEPTACLE
3	20/1	0.9	RECEPTACLE	b	4	20/1	0.72	RECEPTACLE
5	20/1	0.72	RECEPTACLE	c	6	20/1	0.36	RECEPTACLE
7	20/1	0.36	RECEPTACLE	a	8	20/1	0.36	RECEPTACLE
9	20/1	0.54	RECEPTACLE	b	10	20/1	1	RECEPTACLE
11	20/1	0.36	RECEPTACLE	c	12	20/1	0.54	RECEPTACLE
13	20/1	0.36	RECEPTACLE	a	14	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
15	20/1	0.54	RECEPTACLE	b	16	20/1	0.36	RECEPTACLE
17	20/1	0.54	RECEPTACLE	c	18	20/1	0.18	RECEPTACLE
19	20/1	0.36	RECEPTACLE	a	20	20/1	0.36	RECEPTACLE
21	20/1	0.36	RECEPTACLE	b	22	20/1	0.36	RECEPTACLE
23	20/1	0.54	RECEPTACLE	c	24	20/1	0.36	RECEPTACLE
25	20/1	0.9	RECEPTACLE	a	26	20/1	1.4	WASHER RECEPTACLE (GFCI BREAKER) (20)
27	20/1	0.9	RECEPTACLE	b	28	40/2	5	DRYER RECEPTACLE (GFCI BREAKER) (50)
29	20/1	1.16	RECEPTACLE	c	30	|		
31	20/1	0.4	RECEPTACLE	a	32	20/1	0.36	RECEPTACLE
33	20/1	0.9	RECEPTACLE	b	34	20/1	1	RECEPTACLE
35	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	c	36	20/1	0.54	RECEPTACLE
37	20/1	0.36	RECEPTACLE	a	38	20/1	0.54	RECEPTACLE
39	20/1	0.36	RECEPTACLE	b	40	20/1	0.36	RECEPTACLE
41	20/1	0.54	RECEPTACLE	c	42	20/1	0.36	RECEPTACLE
43	20/1	0.36	RECEPTACLE	a	44	20/1	0.36	RECEPTACLE
45	20/1	0.36	RECEPTACLE	b	46	20/1	0.54	RECEPTACLE
47	20/1	0.36	RECEPTACLE	c	48	20/1	0.54	RECEPTACLE
49	20/1	0.72	RECEPTACLE	a	50	20/1	0.36	RECEPTACLE
51	20/1	0.72	RECEPTACLE	b	52	20/1	0.36	RECEPTACLE
53	20/1	0.18	RECEPTACLE	c	54	20/1	0.54	RECEPTACLE
55	20/1	0.8	WATER FOUNTAIN (GFCI BREAKER)	a	56	20/1	0.72	RECEPTACLE
57	20/1	0.36	RECEPTACLE	b	58	20/1	0.72	RECEPTACLE
59	20/1	0.58	RECEPTACLE	c	60	20/1	0.58	RECEPTACLE
61	20/1	0.9	RECEPTACLE	a	62	20/1	0.58	RECEPTACLE
63	20/1	0.54	RECEPTACLE	b	64	20/1	1.16	RECEPTACLE
65	20/1	0.36	RECEPTACLE	c	66	20/1	0.1	HOOD CONTROL PANEL
67	20/1	0.54	RECEPTACLE	a	68	20/1	0.36	RECEPTACLE
69	20/1	0.18	RECEPTACLE	b	70	20/1	0.4	RECEPTACLE
71	20/1	0.36	RECEPTACLE	c	72	20/1	0.72	RECEPTACLE
73	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	a	74	20/1	0.18	RECEPTACLE
75	20/1	0.36	RECEPTACLE	b	76	20/1	0.54	RECEPTACLE
77	20/1	0.54	RECEPTACLE	c	78	20/1	0.36	RECEPTACLE
79	20/1	0.36	RECEPTACLE	a	80	20/1	0.36	RECEPTACLE
81	20/1	0.36	RECEPTACLE	b	82	20/1	0.54	RECEPTACLE
83	20/1	0.36	RECEPTACLE	c	84	20/1	0.36	RECEPTACLE

	CONN KVA	CALC KVA	
LARGEST MOTOR	0.1	0.025	(25%)

	CONN KVA	CALC KVA	
MOTORS	0.1	0.1	(100%)
RECEPTACLES	48.1	29.1	(50%>10)
TOTAL LOAD		29.2	
BALANCED 3-PHASE LOAD		81 A	
PHASE A		92.2%	
PHASE B		112%	
PHASE C		96.2%	

PP3 ①②

ROOM 2ND FLOOR ELEC ROOM | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 200 | MAIN BKR 200
FED FROM PD2 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	a	2	20/1	0.36	RECEPTACLE
3	20/1	0.36	RECEPTACLE	b	4	20/1	0.76	RECEPTACLE
5	20/1	0.54	RECEPTACLE	c	6	20/1	0.72	RECEPTACLE
7	20/1	0.36	RECEPTACLE	a	8	20/1	0.72	RECEPTACLE
9	20/1	0.36	RECEPTACLE	b	10	20/1	1.12	RECEPTACLE
11	20/1	0.54	RECEPTACLE	c	12	20/1	0.94	RECEPTACLE
13	20/1	0.8	WATER FOUNTAIN (GFCI BREAKER)	a	14	20/1	1	RECEPTACLE
15	20/1	0.72	RECEPTACLE	b	16	20/1	0.72	RECEPTACLE
17	20/1	0.76	RECEPTACLE	c	18	20/1	0.8	TELECOMMUNICATION RACK
19	20/1	0.36	RECEPTACLE	a	20	20/1	0.54	RECEPTACLE
21	20/1	0.58	RECEPTACLE	b	22	20/1	0.36	RECEPTACLE
23	20/1	0.36	RECEPTACLE	c	24	20/1	0.36	RECEPTACLE
25	20/1	0.18	RECEPTACLE	a	26	20/1	0.36	RECEPTACLE
27	20/1	0.18	RECEPTACLE	b	28	60/3	7.08	PANEL PPS (100N)
29	20/1	0.94	RECEPTACLE	c	30	|		
31	20/1	0.36	RECEPTACLE	a	32	|		
33	20/1	0.36	RECEPTACLE	b	34	20/1	0.54	RECEPTACLE
35	20/1	0.36	RECEPTACLE	c	36	20/1	0.8	RECEPTACLE
37	20/1	0.94	RECEPTACLE	a	38	20/1	0.8	RECEPTACLE
39	20/1	0.54	RECEPTACLE	b	40	20/1	0.104	CEF-1, CEF-2, CEF-3
41	20/1	0.36	RECEPTACLE	c	42	20/1	0.07	CEF-4, CEF-5
43	20/1	0.028	HRP-2-1	a	44	20/1	0	SPARE
45	20/3	0	SPARE (65)	b	46	20/1	0	SPARE
47	|			c	48	20/1	0	SPARE
49	|			a	50	20/1	0	SPARE
51	20/3	0	SPARE (65)	b	52	20/1	0	SPARE
53	|			c	54	20/1	0	SPARE
55	|			a	56	20/1	0	SPARE
57	20/1	0	SPARE	b	58	20/1	0	SPARE
59	20/1	0	SPARE	c	60	20/1	0	SPARE
61	20/1	0	SPARE	a	62	20/1	0	SPARE
63	20/1	0	SPARE	b	64	20/1	0	SPARE
65	20/1	0	SPARE	c	66	20/1	0	SPARE
67	20/1	0	SPARE	a	68	20/1	0	SPARE
69	20/1	0	SPARE	b	70	20/1	0	SPARE
71	20/1	0	SPARE	c	72	20/1	0	SPARE
73	20/1	0	SPARE	a	74	20/1	0	SPARE
75	20/1	0	SPARE	b	76	20/1	0	SPARE
77	20/1	0	SPARE	c	78	20/1	0	SPARE
79	20/1	0	SPARE	a	80	20/1	0	SPARE
81	20/1	0	SPARE	b	82	20/1	0	SPARE
83	20/1	0	SPARE	c	84	20/1	0	SPARE

	CONN KVA	CALC KVA	
LARGEST MOTOR	0.035	0.009	(25%)

	CONN KVA	CALC KVA	
MOTORS	0.202	0.202	(100%)
RECEPTACLES	28.7	19.4	(50%>10)
TOTAL LOAD		19.6	
BALANCED 3-PHASE LOAD		54.3 A	
PHASE A		101%	
PHASE B		94.4%	
PHASE C		105%	

PPJ ①

ROOM ELEC ROOM 1158 | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 100 | MAIN BKR 100
FED FROM PD2 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.36	RECEPTACLE	a	2	20/1	0.54	RECEPTACLE
3	20/1	0.58	RECEPTACLE	b	4	20/1	0	SPARE
5	20/1	0.36	RECEPTACLE	c	6	20/1	0.94	RECEPTACLE
7	20/1	0.4	RECEPTACLE	a	8	20/1	0.36	RECEPTACLE
9	20/1	0.54	RECEPTACLE	b	10	20/1	0.54	RECEPTACLE
11	20/1	0	SPARE	c	12	20/1	0.18	RECEPTACLE
13	20/1	0.18	RECEPTACLE	a	14	20/1	0.18	RECEPTACLE
15	20/1	0.36	RECEPTACLE	b	16	20/1	0.18	RECEPTACLE
17	20/1	0.18	RECEPTACLE	c	18	20/1	0.006	GEN ANN PANEL
19	20/1	0.028	HRP-1-4	a	20	20/1	0	SPARE
21	20/1	0.6	WH-1-4 (20)	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE
37	20/1	0	SPARE	a	38	20/1	0	SPARE
39	20/1	0	SPARE	b	40	20/1	0	SPARE
41	20/1	0	SPARE	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA	
LARGEST MOTOR	0.028	0.007	(25%)
MOTORS	0.028	0.028	(100%)

	CONN KVA	CALC KVA	
RECEPTACLES	5.88	5.88	(50%>10)
CONTINUOUS	0.006	0.008	(125%)
HEATING	0.6	0.6	(100%)
TOTAL LOAD		6.52	
BALANCED 3-PHASE LOAD		18.1 A	
PHASE A		94.3%	
PHASE B		129%	
PHASE C		76.7%	

PP0 ①

ROOM ELEC ROOM G102 | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 200 | MAIN BKR 200
FED FROM X3 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	a	2	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
3	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	b	4	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
5	20/1	0.54	RECEPTACLE	c	6	20/1	0.54	RECEPTACLE
7	20/1	0.54	RECEPTACLE	a	8	20/1	0.54	RECEPTACLE
9	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	b	10	20/1	0.36	RECEPTACLE
11	20/1	0.8	REFRIGERATOR (GFCI BREAKER)	c	12	20/1	0.36	RECEPTACLE
13	20/1	0.54	RECEPTACLE	a	14	20/1	0.54	RECEPTACLE
15	20/1	0.54	RECEPTACLE	b	16	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
17	20/1	0.54	RECEPTACLE	c	18	20/1	0.8	REFRIGERATOR (GFCI BREAKER)
19	20/1	0.4	TELECOMMUNICATION RACK	a	20	20/1	0.54	RECEPTACLE
21	20/1	0.54	RECEPTACLE	b	22	20/1	1.37	WEF-1, WEF-2, WEF-3
23	20/1	0.36	RECEPTACLE	c	24	20/1	0.912	WEF-4, WEF-5
25	20/2	0.749	FC-1, FC-2, FC-3, FC-4, FC-5, FC-6	a	26	20/2	3.12	HP-4
27	|			b	28	|		
29	20/2	3.12	HP-1	c	30	20/2	3.12	HP-5
31	|			a	32	|		
33	20/2	3.12	HP-2	b	34	20/2	3.12	HP-6
35	|			c	36	|		
37	20/2	3.12	HP-3	a	38	20/1	0.18	RECEPTACLE
39	|			b	40	20/1	0.4	TELECOMMUNICATION RACK
41	20/1	0.028	HRP-3-1	c	42	20/1	0	SPARE

	CONN KVA	CALC KVA	
LARGEST MOTOR	3.12	0.78	(25%)

	CONN KVA	CALC KVA	
MOTORS	21.8	21.8	(100%)
RECEPTACLES	13.9	11.9	(50%>10)
TOTAL LOAD		34.5	
BALANCED 3-PHASE LOAD		95.7 A	
PHASE A		96.8%	
PHASE B		110%	
PHASE C		93.6%	

PPS ①

ROOM 2ND FLOOR SERVER ROOM | VOLTS 208Y/120V 3P 4W | AIC 22,000
MOUNTING SURFACE | BUS AMPS 100 | MAIN BKR 60
FED FROM PP3 | NEUTRAL 100% | LUGS STANDARD
NOTE NEMA 1

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.4	RECEPTACLE	a	2	20/1	0.4	RECEPTACLE
3	20/1	0.4	RECEPTACLE	b	4	20/1	0.4	RECEPTACLE
5	20/1	0.4	RECEPTACLE	c	6	20/1	0.4	RECEPTACLE
7	20/1	0.4	RECEPTACLE	a	8	20/1	0.4	RECEPTACLE
9	20/1	0.4	RECEPTACLE	b	10	20/1	0.4	RECEPTACLE
11	20/1	0.4	RECEPTACLE	c	12	20/1	0.4	RECEPTACLE
13	20/1	0.4	RECEPTACLE	a	14	20/1	0.4	RECEPTACLE
15	20/1	0.54	RECEPTACLE	b	16	20/1	0.4	RECEPTACLE
17	20/1	0.54	RECEPTACLE	c	18	20/1	0	SPARE
19	20/1	0	SPARE	a	20	20/1	0	SPARE
21	20/1	0	SPARE	b	22	20/1	0	SPARE
23	20/1	0	SPARE	c	24	20/1	0	SPARE
25	20/1	0	SPARE	a	26	20/1	0	SPARE
27	20/1	0	SPARE	b	28	20/1	0	SPARE
29	20/1	0	SPARE	c	30	20/1	0	SPARE
31	20/1	0	SPARE	a	32	20/1	0	SPARE
33	20/1	0	SPARE	b	34	20/1	0	SPARE
35	20/1	0	SPARE	c	36	20/1	0	SPARE

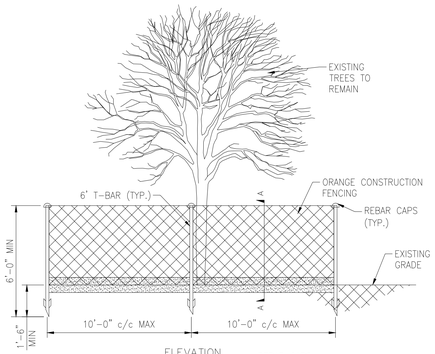
	CONN KVA	CALC KVA	
RECEPTACLES	7.08	7.08	(50%>10)
TOTAL LOAD		7.08	
BALANCED 3-PHASE LOAD		19.7 A	
PHASE A		102%	
PHASE B		108%	
PHASE C		90.7%	

DRAWING E622 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL ARC-FLASH LABELS ON ALL EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR ARC-FLASH STUDY PER SPECIFICATION.
2. CONTRACTOR SHALL REFERENCE SHEET E601 FOR TVSS INFORMATION.

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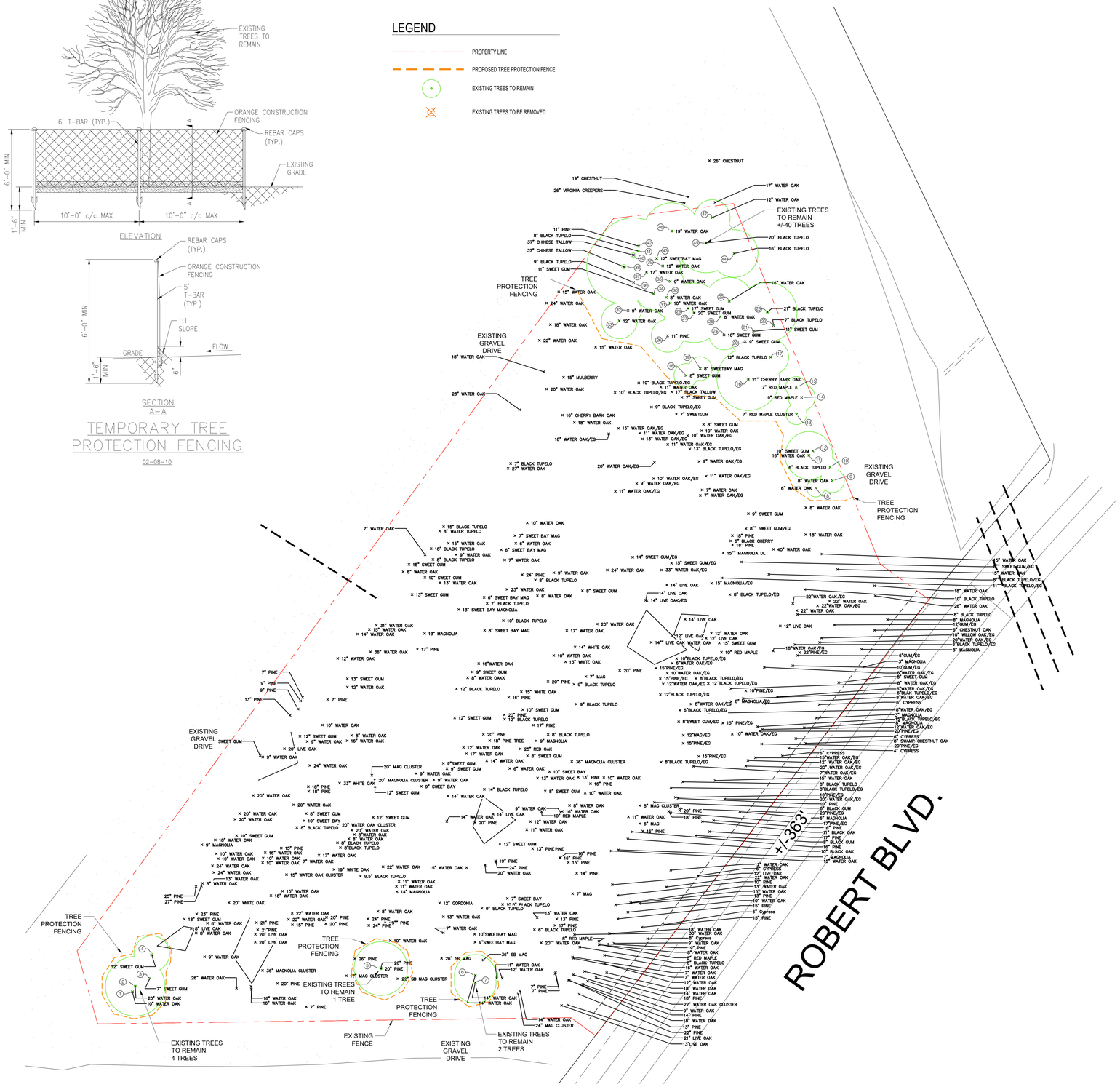


TEMPORARY TREE PROTECTION FENCING

02-08-10

LEGEND

- PROPERTY LINE
- PROPOSED TREE PROTECTION FENCE
- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED



N

TREE REMOVAL AN PROTECTION PLAN

0 30 60 90 feet

SCALE: 1" = 30'

EXISTING TREES

10" BLACK OAK
10" BLACK TUPELO
10" BLACK TUPELO
10" PINE
10" PINE
10" RED MAPLE
10" RED MAPLE
10" SWEET GUM
10" SWEET GUM
10" SWEET GUM
10" SWEET GUM
10" SWEET GUM
10" WATER OAK
10" WATER OAK
10" WATER OAK
10" WATER OAK
10" WATER OAK
10" WATER OAK
10" WATER OAK
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10" WATER OAK
10" WATER OAK
10" WATER OAK
10" WATER OAK/EG
10" WILLOWOAK/EG
10" BLACKTUPELO/EG
10" GUM/EG
10" PINE/EG
10" PINE/EG
10" SWEETBAYMAG
10" WATER OAK/EG
11" BLACK OAK
11" PINE
11" PINE
11" SWEET GUM
11" SWEET GUM
11" WATER OAK
11" WATER OAK
11" WATER OAK
11" WATER OAK
12" BLACK TUPELO
12" BLACK TUPELO
12" LIVE OAK
12" LIVE OAK
12" LIVE OAK
12" LIVE OAK DRIPLINE
12" LIVE OAK DRIPLINE
12" LIVE OAK DRIPLINE
12" LIVE OAK DRIPLINE
12" SWEET GUM
12" SWEET GUM
12" SWEET GUM
12" SWEET GUM
12" SWEETBAY MAG
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK
12" WATER OAK/EG
12" WATER PIPE
12" WATER PIPE
12" BLACKTUPELO/EG
12" BLACKTUPELO/EG
12" GUM/EG
12" MAG DRIPLINE
12" MAG DRIPLINE
12" MAG DRIPLINE
12" MAG/EG
12" WATER OAK/EG
13" MAGNOLIA
13" PINE
13" PINE
13" PINE
13" SWEET BAY MAGNOLIA
13" SWEET GUM
13" SWEET GUM
13" WATER OAK
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15" LIVE OAK DRIPLINE
15" BLACK TUPELO
15" MULBERRY
15" PINE
15" PINE
15" PINE
15" PINE
15" PINE
15" PINE/EG
15" SWEET GUM
15" SWEET GUM
15" WATER OAK
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15" WATER OAK CLUSTER
15" BLACK TUPELO/EG
15" PINE/EG
15"PINE/EG
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15"PINE/EG
15"WATER OAK/EG
16" BLACK TUPELO
16" CHERRY BARK OAK
16" PINE
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16" WATER OAK
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17" BLACK TALLOW
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17" PINE
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18" PINE TREE
18" SWEET GUM
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20" WATER OAK/EG
21" BLACK TUPELO
21" CHERRY BARK OAK
21" LIVE OAK
21" PINE
22" PINE
22" S.B MAG CLUSTER
22" SB MAG CLUSTER
22" WATER OAK
22" WATER OAK
22" WATER OAK
22" WATER OAK
22" WATER OAK CLUSTER
22" PINE/EG
22" WATER OAK/EG
22" WATER OAK/EG
23" PINE
23" WATER OAK
24" MAG CLUSTER
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24" WATER OAK
25" PINE
25" PINE
26" CHESTNUT
26" PINE
26" PINE
26" SB MAG
26" SB MAG
26" VIRGINIA CREEPERS
26" WATER OAK
26" WATER OAK
27" PINE
27" WATER OAK
28" PINE
3" MAGNOLIA
3" MAGNOLIA
31" WATER OA
K33" WHITE OAK
36" MAGNOLIA CLUSTER
36" MAGNOLIA CLUSTER
36" MAGNOLIA CLUSTER DRIPLINE
36" MAGNOLIA CLUSTER DRIPLINE
36" MAGNOLIA CLUSTER DRIPLINE
36" MAGNOLIACLUSTERDRIPLINE
36" SB MAG
36" WATER OAK
37" CHINESE TALLOW
37" CHINESE TALLOW
4" CYPRESS
40" WATER OAK
6" BLACK CHERRY
6" BLACK GUM
6" BLACK TUPELO
6" CHESTNUT OAK
6" CYPRESS
6" CYPRESS
6" CYPRESS
6" CYPRESS
6" CYPRESS
6" MAG
6" MAGNOLIA
6" SWEET BAY MAG
6" SWEET BAY MAG
6" WATER OAK
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6"BLACK TUPELO/EG
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6"GUM/EG
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7" RED MAPLE CLUSTER
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7"WATER OAK/EG
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8" MAGNOLIA DRIPLINE
8" BLACK GUM
8" BLACK TUPELO
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8" BLACK TUPELO
8" CYPRESS
8" LIVE OAK
8" MAG CLUSTER
8" MAGNOLIA
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8" MAGNOLIA
8" MAGNOLIA/EG
8" RED MAPLE
8" SWAMP CHESTNUT OAK
8" SWEET BAY MAG
8" SWEET GUM
8" SWEET GUM
8" SWEET GUM
8" SWEET GUM
8" SWEETBAY MAG
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8" WATER OAK
8" WATER OAK/EG
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8" WATER TUPELO
8"BLACK TUPELO
8"BLACK TUPELO/EG
8"BLACK TUPELO/EG
8"BLACK TUPELO/EG
8"SWEET GUM/EG
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9" WATER OAK
9"SWEET GUM
9"SWEETBAY MAGT
12 LIVE OAKT.
10 BLACK TUPELO/EGT.
10 BLACK TUPELO/EGT.
10 SWEET BAY MAGNOLIAT.
10 SWEET BAY MAGNOLIAT.
10 WATER OAKT.
10 WATER OAKT.
10 WATER OAK/EGT.
10 WATER OAK/EGT.
10.5 BLACK TUPELOT.
11 WATER OAKT.
11 WATER OAK CLUSTER/EGT.
11 WATER OAK/EGT.
11 WATER OAK/EGT.
11 WATER OAK/EGT.
11" BLACK TUPELO/EGT.
12 BLACK TUPELOT.
12 GORDONIAT.
12 SWEET GUMT.
12 SWEET GUMT.
12 SWEET GUMT.
13 BLACK TUPELO/EGT.
13 PINET.
13 PINET.
13 WATER OAKT.
13 WATER OAKT.
13 WATER OAKT.
13 WATER OAK/EGT.
14 LIVE OAK DLT.
14 LIVE OAK DLT.
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14 LIVE OAK/EGT.
14 MAGNOLIAT.
14 SWEET GUM/EGT.
14 WATER OAKT.
14 WATER OAKT.
14" LIVE OAK DLT.
14" PINET.
15 MAGNOLIA/EGT.
15 SWEET GUM/EGT.
15 WATER OAKT.
15 WATER OAK/EGT.
15 WHITE OAKT.
15" MAGNOLIA DLT.
15" MAGNOLIA DLT.
15" MAGNOLIA DLT.
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17 PINET. 17 PINET.
17 WATER OAK CLUSTERT.
18 PINET.
18 WATER OAKT.
18 WATER OAK/EGT.
20 LIVE OAKT.
20 MAGNOLIA CLUSTERT.
20 PINET.
20 WATER OAKT.
20 WATER OAKT.
20 WATER OAK/EGT.
20" WATER OAKT.
21 PINET.
22 WATER OAKT.
22 WATER OAKT.
24 PINET.
25 RED OAKT.
28" PINET.
30 WATER OAKT.
33 WATER OAK/EGT.
36 MAGNOLIA CLUSTERT.
6 BLACK TUPELOT.
6 WATER OAKT.
6" SWEET GUM/EGT.
7 SWEET BAY MAGNOLIAT.
7 WATER OAKT.
7 WATER OAKT.
7 WATER OAK/EGT.
8 BLACK TUPELOT.
8 BLACK TUPELOT.
8 BLACK TUPELOT.
8 BLACK TUPELO/EGT.
8 RED MAPLET.
8 SWEET GUMT.
8 SWEET GUMT.
8 WATER OAKT.
8 WATER OAKT.
8" BLACK TUPELO/EGT.
8" SWEET GUM/EGT.
9 BLACK TUPELOT.
9 BLACK TUPELO/EGT.
9 MAGNOLIAT.
9 SWEET BAY MAGNOLIAT.
9 SWEET GUMT.
9 WATER OAKT.
9 WATER OAK/EGT.
9 WATER OAK/EGT.
9.5 BLACK TUPELO

SUMMERY
488 TOTAL TREES
47 TREES TO REMAIN

ALPHONSE BARCIA III
LANDSCAPE ARCHITECT LLC.

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BARCIADESIGNS@GMAIL.COM
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MP DESIGN GROUP
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918 Howard Ave Suite F
Biloxi, Mississippi 39530

STATE OF LOUISIANA
ALPHONSE BARCIA III
REG. NO. 5,867
LICENSED LANDSCAPE ARCHITECT

4-7-2026

SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: AB3
CHECKED BY: AB3

TREE REMOVAL AND PROTECTION PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

LS-0

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
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LANDSCAPE CALCULATIONS

LANDSCAPE PERCENTAGE		REQUIRED	PROVIDED
170,709 SF TOTAL PROPERTY (3.92 ACRES)		10% MINIMUM OPEN SPACE SF REQUIRED	+/-66,567 SF
SF BASED OFF RED LIMIT OF WORK LINE		17,709 SF REQUIRED	
SEE PLAN)			
OPEN SPACE	PER	REQUIRED	PROVIDED
4 LARGE TREES REQUIRED	1000 SF	4 LARGE TREES + 5 SMALL TREES 15 SHRUBS/1000	34 LARGE TREES
5 SMALL TREES REQUIRED	X17.70	71 LARGE TREES & 89 SMALL TREES	95 SMALL TREES
15 SHRUBS		266 SHRUBS REQUIRED	196 SHRUBS
ROBERT BOULEVARD	LENGTH	REQUIRED	PROVIDED
10' DEPTH REQUIRED	362'	1 LARGE TREE+1 SMALL TREE / 30LF = 12.06	11 SMALL TREES
1 LARGE TREE & 1 SMALL TREE		13 LARGE TREES & 13 SMALL TREES REQUIRED	107 SHRUBS
1 SHRUBS PER 10LF		37 SHRUBS REQUIRED	
PARKING LOT		REQUIRED	PROVIDED
LANDSCAPE ISLANDS		PROVIDE END CAP ISLANDS	21 END CAP ISLANDS
1 LARGE TREE PER ISLAND		1 TREE PER 12 SPACES	18 LARGE TREES
5 SHRUBS PER ISLAND		96 SPACES PROPOSED	2 PALM TREES
			100 SHRUBS
		REQUIRED	PROVIDED
		105 LARGE TREES/PALMS	54 LARGE TREES/PALMS
		102 SMALL TREES	95 SMALL TREES/PALMS
		403 SHRUBS	344 SHRUBS



LANDSCAPE PLANTING PLAN

0 30 60 90 feet

SCALE: 1" = 30'



LANDSCAPE AREAS

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
LARGE TREES							
	MS	7	Magnolia virginiana / Sweetbay Magnolia	Gallon or B&B	2"-Cal.	10' - 12' Ht.	
	QN	7	Quercus nuttallii / Nuttall Oak	Gallon or B&B	2"-Cal.	10' - 12' Ht.	
	QP	11	Quercus phellos / Willow Oak	Gallon or B&B	2"-Cal.	10' - 12' Ht.	
	TA	26	Taxodium ascendens / Pond Cypress	Gallon or B&B	2"-Cal.	10' - 12' Ht.	
PALM							
	SS	2	Sabal palmetto / Cabbage Palmetto	B&B	8' C.T.		
SMALL TREES							
	IV	19	Ilex vomitoria / Yaupon Holly	Gallon or B&B	1.25" Cal.	6' Min. Ht	
	IX	20	Ilex x 'Magland' / Oakland™ Holly	Gallon or B&B	1.25" Cal.	6' Min. Ht	
	IE	33	Ilex x attenuata 'Eagleston' / Eagleston Holly	Gallon or B&B	1.25" Cal.	6'-8' ht.	
	LL	22	Lagerstroemia indica 'Lavender' / Lavender Crape Myrtle Multi-Trunk	Gallon or B&B	1.25" Cal.	8'-10' ht.	
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SIZE		
SHRUBS							
	CK	11	Camellia sasanqua 'Kanjiro' / Kanjiro Camellia	7-Gal.			
	CG	75	Camellia sasanqua 'Shishi Gashira' / Shishi Gashira Camellia	7-Gal.		18"ht. 18"spd.	
	DT	6	Dianella tasmanica / Flax Lily	3-Gal.			
	LS	44	Loropetalum chinense rubrum 'Suzanne' / Suzanne Fringe Flower	3-Gal.			
	RF	199	Rhododendron obtusum 'Fashion' / Fashion Azalea	3-Gal.			
	RH	26	Rhododendron x 'Hardy Gardenia' / Hardy Gardenia Azalea	3-Gal.			
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	REMARKS		SPACING
GROUND COVERS							
	SOD	28,641 sf	Eremochloa ophiuroides / Centipede Sod	Squares or Mini Rolls	Class `A`		
	GRAVEL	926 sf	Limestone Gravel / Gravel Mulch	#57 Limestone	3" Deep w/Filter Fabric		
	MULCH	5,165 sf	Mulch Area / Pine Straw Mulch	Cut Pine Straw	4" Depth		
	MULCH2	31,705 sf	Mulch Area / Pine Straw Mulch	Pine Straw Bales	4" Depth		

ALPHONSE BARCIA III
LANDSCAPE ARCHITECT LLC.

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Biloxi, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us

STATE OF LOUISIANA
ALPHONSE BARCIA III
REG. NO. 5-5857
LICENSED LANDSCAPE ARCHITECT

4-7-2026

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: AB3
CHECKED BY: AB3

LANDSCAPE PLANTING PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

LS-1

VERIFY SCALES
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PRINTED: 4/16/2026 1:59 PM BY: Al Barcia LAST SAVED: 4/16/2026 1:58 PM BY: Barci
G:\my drive\06 architects engineers and developers\mp design group\slidell police department\slidell police department landscape plan 4-7-2026.dwg

SECTION 02900 - LANDSCAPING

1.1 GENERAL

A. Submittals: In addition to product certificates, submit the following:

1. Certification of grass seed from seed vendor for each seed mixture.
2. Planting schedule indicating anticipated dates and locations for each type of planting.

B. Quality Assurance: Provide trees, shrubs, ground covers, and plants of quality, size, genus, species, and variety indicated, complying with applicable requirements of ANSI Z60.1 "American Standard for Nursery Stock."

C. Special Warranty: Warrant trees, shrubs and ground covers for a period of one year after date of Substantial Completion, against defects including death and unsatisfactory growth, except for defects resulting from lack of adequate maintenance, neglect, or abuse by Owner, abnormal weather conditions unusual for warranty period, or incidents which are beyond Contractor's control.

1. Remove and replace unhealthy and dead trees and shrubs within the warranty period.

D. Maintain and establish lawns by watering, fertilizing, weeding, mowing, trimming, replanting, and other operations to produce a uniformly smooth lawn for not less than the following:

1. Seeded Lawns: 60 days after date of Substantial Completion.
2. Sodded Lawns: 30 days after date of Substantial Completion.

1.2 PRODUCTS

A. Trees and Shrubs: Well-shaped, fully branched, healthy, vigorous nursery-grown stock of sizes and grades indicated, free of disease, insects, eggs, larvae, and defects, conforming to ANSI Z60.1.

1. Provide balled and burlapped trees and shrubs.
2. Provide container grown trees and shrubs.

B. Ground Covers and Plants: Established and well rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size indicated.

C. Grass Seed: Fresh, clean, dry, new-crop seed complying with the Association of Official Seed Analysts' "Rules for Testing Seeds" for purity and germination tolerances.

1. Seed Mixture: Provide seed of grass species and varieties, proportions by weight, and minimum percentages of purity, germination, and maximum percentage of weed seed as indicated.

D. Sod: Certified turfgrass sod complying with ASPA specifications for machine-cut thickness, size, strength, moisture content, and mowed height, and free of weeds and undesirable native grasses. Provide viable sod of uniform density, color, and texture, strongly rooted, and capable of vigorous growth and development when planted.

1. Species: Provide sod of grass species and varieties, proportions by weight, and minimum percentages of purity, germination, and maximum percentage of weed seed as indicated.

E. Topsoil: ASTM D 5268, pH range of 5.5 to 7, 4 percent organic material minimum, free of stones 1 inch (25 mm) or larger in any dimension, and other extraneous materials harmful to plant growth.

1. Topsoil Source: Amend existing surface soil to produce topsoil. Supplement with imported topsoil when required.
2. Imported topsoil: Equal parts of sharp sand, peat moss and composted bark.

F. Lime: ASTM C 602, Class T, agricultural limestone.

G. Peat Humus: Finely divided or granular texture, with a pH range of 6 to 7.5, composed of partially decomposed moss peat (other than sphagnum), peat humus, or reed-sedge peat.

H. Sawdust or Ground-Bark Humus: Decomposed, nitrogen-treated, of uniform texture, free of chips, stones, sticks, soil, or toxic materials.

I. Bonemeal: Commercial, raw, finely ground; minimum of 4 percent nitrogen and 20 percent phosphoric acid.

J. Superphosphate: Commercial, phosphate mixture, soluble; minimum of 20 percent available phosphoric acid.

K. Commercial Fertilizer: Commercial-grade complete fertilizer of neutral character, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea-form, phosphorous, and potassium in the following composition:

1. Composition: 1 lb per 1000 sq. ft. (0.5 kg per 100 sq. m) of actual nitrogen, 4 percent phosphorous, and 2 percent potassium, by weight.

L. Slow-Release Fertilizer: Granular fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium in the following composition:

1. Composition: 5 percent nitrogen, 10 percent phosphorous, and 5 percent potassium, by weight.

M. Organic Mulch: Organic mulch, free from deleterious materials and suitable as a top dressing, consisting of ground or shredded bark, wood or bark chips, salt hay or threshed straw, or shredded hardwood.

N. Peat Mulch: Provide peat moss in natural, shredded, or granulated form, of fine texture, with a pH range of 4 to 6.

O. Mineral Mulch: Hard, durable riverbed gravel or crushed stone, washed free of loam, sand, clay, and other foreign substances.

1. Size Range: 1-1/2 inches (38 mm) maximum, 3/4 inch (19 mm) minimum.

P. Steel Edging: ASTM A 569 (ASTM A 569M), rolled edge, standard painted steel edging and accessories, fabricated in sections with loops stamped from or welded to face of sections approximately 30 inches (760 mm) apart to receive stakes.

1. Edging Size: 3/16 inch (4.8 mm) wide by 4 inches (102 mm) deep.

1.3 EXECUTION

A. Planting Soil Preparation: Before mixing, clean topsoil of roots, plants, sods, stones, clay lumps, and other extraneous materials harmful to plant growth. Mix soil amendments and fertilizers with topsoil at rates indicated.

B. Lawn Planting Preparation: Loosen subgrade to a minimum depth of 4 inches (100 mm). Remove stones larger than 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.

1. Spread planting soil mixture to depth required to meet thickness, grades, and elevations shown, after light rolling and natural settlement. Do not spread if planting soil or subgrade is frozen.
2. Place approximately 1/2 the thickness of planting soil mixture required. Work into top of loosened subgrade to create a transition layer and then place remainder of planting soil mixture.

C. Lawn Planting Preparation: Where lawns are to be planted in areas unaltered or undisturbed by excavating, grading, or surface soil stripping operations, remove and dispose of existing grass, vegetation, and turf.

1. Till surface soil to a depth of at least 6 inches (150 mm). Apply soil amendments and initial fertilizers and mix thoroughly into top 4 inches (100 mm) of soil. Trim high areas and fill in depressions. Till soil to a homogenous mixture of fine texture.

D. Grade lawn areas to a smooth, even surface with loose, uniformly fine texture. Remove trash, debris, stones larger than 1-1/2 inches (38 mm) in any dimension, and other objects that may interfere with planting or maintenance operations.

E. Moisten prepared lawn areas before planting when soil is dry and allow surface to dry before planting.

F. Ground Cover and Plant Bed Preparation: Loosen subgrade of planting bed areas to a minimum depth of 6 inches (150 mm). Remove stones larger than 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.

1. Spread planting soil mixture to depth required to meet thickness, grades, and elevations shown, after light rolling and natural settlement. Place approximately 1/2 the thickness of planting soil mixture required. Work into top of loosened subgrade to create a transition layer and then place remainder of planting soil mixture.

G. Ground Cover and Plant Bed Preparation: Till soil in beds to a minimum depth of 8 inches (200 mm) and mix with specified soil amendments and fertilizers.

H. Excavation for Trees and Shrubs: Excavate pits with vertical sides and with bottom of excavation slightly raised at center to assist drainage. Excavate approximately 1-1/2 times as wide as ball diameter and deep enough to allow placing of root ball on a setting layer of planting soil. Loosen hard subsoil in bottom of excavation.

I. Planting Trees and Shrubs: Set stock plumb and in center of pit or trench with top of ball raised above adjacent finish grades.

1. Place a setting layer of compacted planting soil.
2. Remove burlap and wire baskets from tops of balls and partially from sides, but do not remove from under balls. Do not use planting stock if ball is cracked or broken before or during planting operation.
3. Place backfill around ball in layers, tamping to settle backfill and eliminate voids and air pockets.
4. Dish and tamp top of backfill to form a 3-inch- (75-mm-) high mound around the rim of the pit. Do not cover top of root ball with backfill.

J. Tree and Shrub Pruning: Prune, thin, and shape trees and shrubs according to standard horticultural practice. Prune trees to retain required height and spread. Do not cut tree leaders; remove only injured or dead branches from flowering trees. Prune shrubs to retain natural character. Shrub sizes indicated are size after pruning.

K. Planting Ground Cover and Plants: Space 24 inches (600 mm) apart, unless otherwise indicated. Dig holes large enough to allow spreading of roots, and backfill with planting soil. Work soil around roots to eliminate air pockets and leave a slight saucer indentation around plants to hold water. Water thoroughly after planting, taking care not to cover plant crowns with wet soil.

L. Mulching: Completely cover area to be mulched. Apply mulch and finish level with adjacent finish grades. Do not place mulch against trunks or stems.

1. Mulch Type and Thickness: Pine Straw (Cut/Bales see plan), 4 inches (75 mm) thick as indicated on drawings.

M. Seeding Lawns: Sow seed with a spreader or a seeding machine. Do not broadcast or drop seed when wind velocity exceeds 5 mph (8 km/h). Evenly distribute seed by sowing equal quantities in 2 directions at right angles to each other. Rake seed lightly into top 1/8 inch (3 mm) of topsoil, roll lightly, and water with fine spray.

1. Seeding Rate: 3 to 4 lb per 1000 sq. ft. (1.5 to 2 kg per 100 sq. m).
2. Protect seeded areas with slopes less than 1:6 against erosion by spreading straw mulch after completion of seeding operations and anchor by crimping into topsoil. Spread uniformly at a minimum rate of 2 tons per acre (45 kg per 100 sq. m).

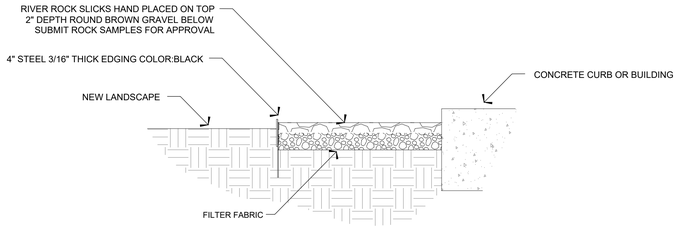
N. Sodding Lawns: Lay sod to form a solid mass with tightly fitted joints within 24 hours of stripping. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to subgrade or sod during installation. Tamp and roll lightly to ensure contact with subgrade, eliminate air pockets, and form a smooth surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.

1. Anchor sod on slopes exceeding 1:6 with wood pegs spaced as recommended by sod manufacturer.
2. Saturate sod with fine water spray within 2 hours of planting. During first week, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 1-1/2 inches (38 mm) below the sod.

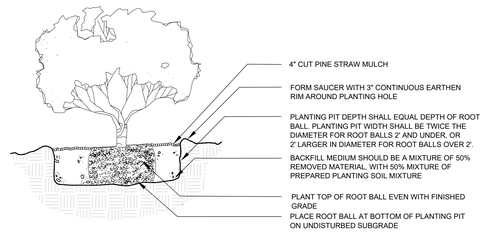
O. Edgings: Install edgings where indicated and anchor with stakes driven below top elevation of edging according to manufacturer's recommendations.

P. Disposal: Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris, and legally dispose of it off the Owner's property.

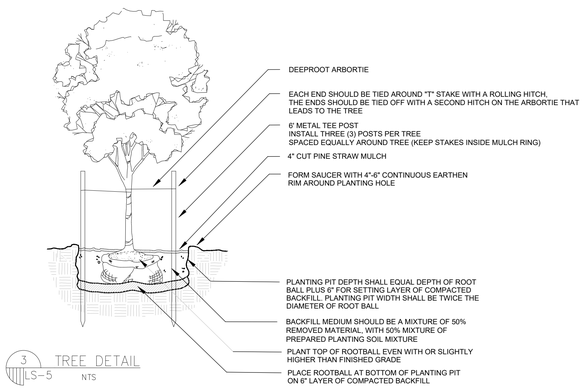
END OF SECTION 02900



1 LS-5 GRAVEL MULCH WITH STEEL EDGING NTS



2 LS-5 SHRUB DETAIL NTS



3 LS-5 TREE DETAIL NTS

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STATE OF LOUISIANA
ALPHONSE BARCIA III
REG. NO. 5-5-2007
LICENSED LANDSCAPE ARCHITECT
4-7-2026

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: AB3
CHECKED BY: AB3

LANDSCAPE SPECIFICATIONS AND DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.25.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

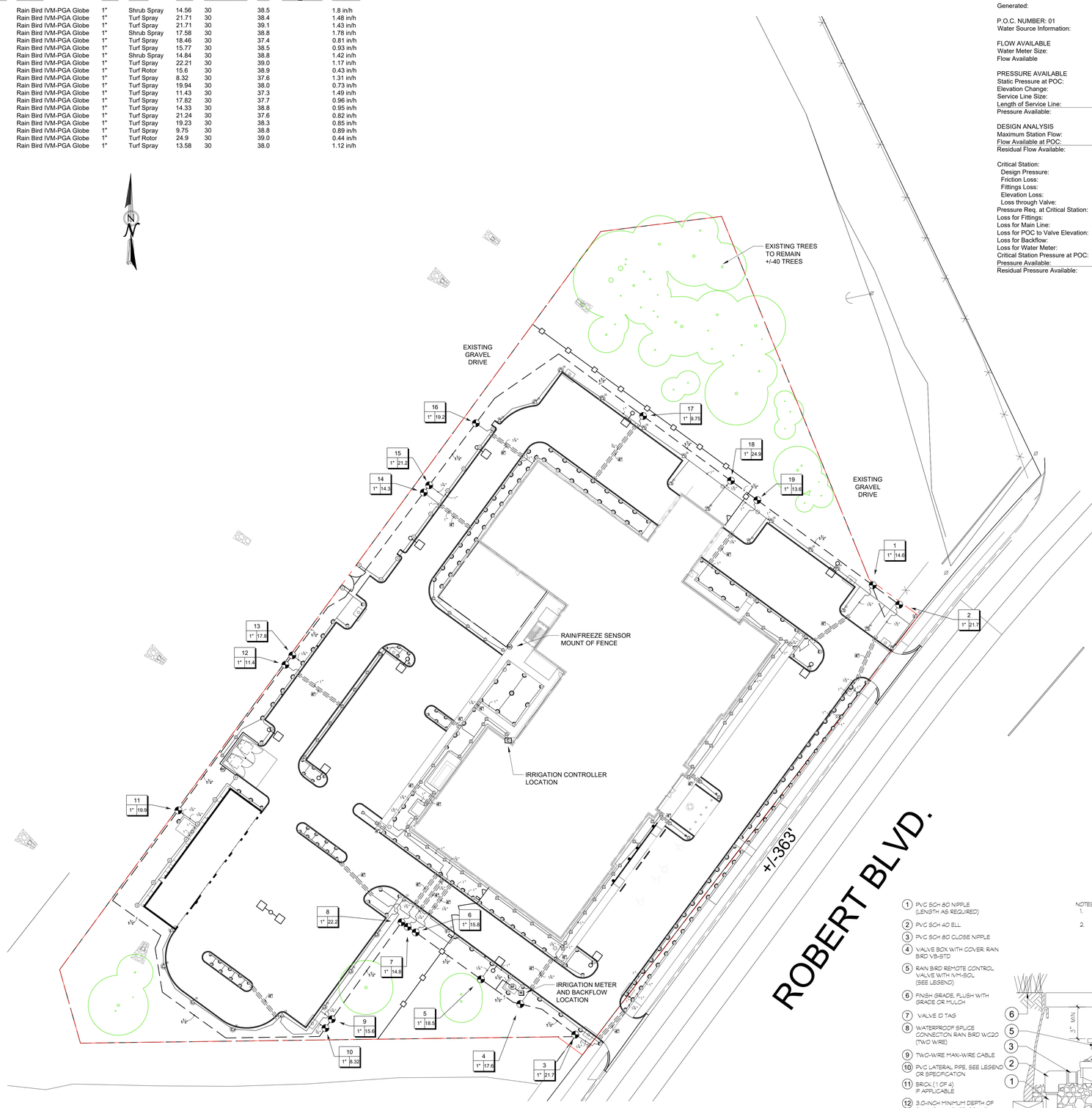
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G:\My Drive\00 Architects engineers and developers\mp design group\slidell police department\slidell police department landscape plan 4-7-2026.dwg

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	DESIGN PSI	PSI	PSI @ POC	PRECIP
1	Rain Bird IVM-PGA Globe	1"	Shrub Spray	14.56	30	38.5		1.8 in/h
2	Rain Bird IVM-PGA Globe	1"	Turf Spray	21.71	30	38.4		1.48 in/h
3	Rain Bird IVM-PGA Globe	1"	Turf Spray	21.71	30	39.1		1.43 in/h
4	Rain Bird IVM-PGA Globe	1"	Shrub Spray	17.58	30	38.8		1.78 in/h
5	Rain Bird IVM-PGA Globe	1"	Turf Spray	18.46	30	37.4		0.81 in/h
6	Rain Bird IVM-PGA Globe	1"	Turf Spray	15.77	30	38.5		0.93 in/h
7	Rain Bird IVM-PGA Globe	1"	Shrub Spray	14.84	30	38.8		1.42 in/h
8	Rain Bird IVM-PGA Globe	1"	Turf Spray	22.21	30	39.0		1.17 in/h
9	Rain Bird IVM-PGA Globe	1"	Turf Rotor	15.6	30	38.9		0.43 in/h
10	Rain Bird IVM-PGA Globe	1"	Turf Spray	8.32	30	37.6		1.31 in/h
11	Rain Bird IVM-PGA Globe	1"	Turf Spray	19.94	30	38.0		0.73 in/h
12	Rain Bird IVM-PGA Globe	1"	Turf Spray	11.43	30	37.3		1.49 in/h
13	Rain Bird IVM-PGA Globe	1"	Turf Spray	17.82	30	37.7		0.96 in/h
14	Rain Bird IVM-PGA Globe	1"	Turf Spray	14.33	30	38.8		0.95 in/h
15	Rain Bird IVM-PGA Globe	1"	Turf Spray	21.24	30	37.6		0.82 in/h
16	Rain Bird IVM-PGA Globe	1"	Turf Spray	19.23	30	38.3		0.85 in/h
17	Rain Bird IVM-PGA Globe	1"	Turf Spray	9.75	30	38.8		0.89 in/h
18	Rain Bird IVM-PGA Globe	1"	Turf Rotor	24.9	30	39.0		0.44 in/h
19	Rain Bird IVM-PGA Globe	1"	Turf Spray	13.58	30	38.0		1.12 in/h



IRRIGATION PLAN

CRITICAL ANALYSIS

Generated:	2026-04-16 13:48
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	1"
Flow Available	37.5 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	55 PSI
Elevation Change:	5.00 ft
Service Line Size:	4"
Length of Service Line:	20 ft
Pressure Available:	53 PSI
DESIGN ANALYSIS	
Maximum Station Flow:	24.9 GPM
Flow Available at POC:	37.5 GPM
Residual Flow Available:	12.6 GPM
Critical Station:	18
Design Pressure:	30 PSI
Friction Loss:	2.55 PSI
Fittings Loss:	0.25 PSI
Elevation Loss:	0 PSI
Loss through Valve:	6.2 PSI
Pressure Req. at Critical Station:	39.0 PSI
Loss for Fittings:	0.5 PSI
Loss for Main Line:	5.02 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	2.55 PSI
Loss for Water Meter:	3.67 PSI
Critical Station Pressure at POC:	50.7 PSI
Pressure Available:	53 PSI
Residual Pressure Available:	2.26 PSI

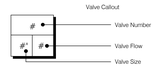
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
EST LCS RCS CST SST	Rain Bird 1806 15 Strip Series Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	19	30
Q T H F	Rain Bird 1806 8 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	33	30
Q T H F	Rain Bird 1806 10 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	111	30
Q T H F TQ F	Rain Bird 1806 12 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	35	30
Q T H F TQ F	Rain Bird 1806 15 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	35	30
4 6 8 10 12 15 18	Rain Bird 1806 ADJ Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	17	30
EST LCS RCS CST SST	Rain Bird 1812 15 Strip Series Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	48	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
03	Hunter PGP-ADJ 03 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle. Standard Angle Red Nozzle. Lower Precipitation Rate.	9	30	0.9	30'
04	Hunter PGP-ADJ 04 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle. Standard Angle Red Nozzle. Lower Precipitation Rate.	2	30	1.2	32'
06	Hunter PGP-ADJ 06 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle. Standard Angle Red Nozzle. Lower Precipitation Rate.	15	30	2	34'

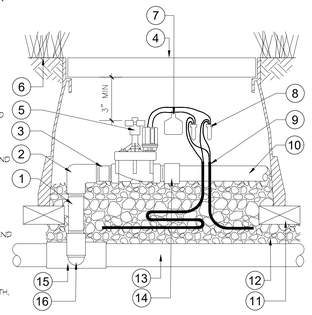
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird IVM-PGA Globe 1in., 1-1/2in., 2in. Electric Remote Control Smart Valve, Globe. w/ Factory Installed IVM-SOL	19
BF	Febco 765 1-1/2" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12in. above highest downstream outlet and the highest point in the downstream piping.	1
C	Rain Bird ESP-2WIRE (120VAC) 50 Station 2-Wire, Indoor/ Outdoor Controller w/ decoder auto-address. For Residential or Light Commercial Use. LNK WiFi Module and Flow Sensor Ready. Use with 2W-1 single station decoders and standard direct burial wire.	1
RC	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	2
M	Water Meter 1"	1
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,994 lf
	Irrigation Mainline: PVC Schedule 40	1,206 lf
	Pipe Sleeve: PVC Schedule 40	487.2 lf

Valve Callout

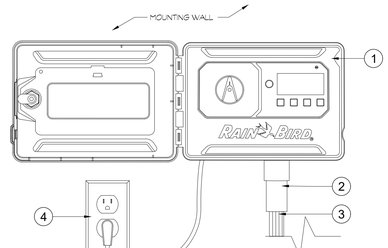


1. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
2. PVC SCH 40 ELL
3. PVC SCH 80 CLOSE NIPPLE
4. VALVE BOX WITH COVER RAIN BIRD VB-STD
5. RAIN BIRD REMOTE CONTROL VALVE WITH IVM-SOL (SEE LEGEND)
6. FINISH GRADE, FLUSH WITH GRADE OR MULCH
7. VALVE ID TAG
8. WATERPROOF SPLICE CONNECTION RAIN BIRD WC2O (TWO WIRE)
9. TWO-WIRE MAX-WIRE CABLE
10. PVC LATERAL PIPE, SEE LEGEND OR SPECIFICATION
11. BRICK (1 OF 4) IF APPLICABLE
12. 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
13. PVC MAINLINE PIPE, SEE LEGEND OR SPECIFICATION
14. PVC SCH 40 MALE ADAPTER
15. PVC SCH 40 TEE OR ELL
16. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 80 ELL

NOTES:
1. COIL AN ADDITIONAL 3-FEET OF TWO-WIRE CABLE IN VALVE BOX FOR EASY SCREENING
2. RAIN BIRD VB SERIES VALVE BOXES DO NOT REQUIRE BRICK SUPPORTS



1 RAIN BIRD REMOTE CONTROL VALVE WITH IVM-SOL
3" = 1'-0" FX-RRS-RAIN-RCV-04



1. TWO-WIRE CONTROLLER, RAIN BIRD ESP-2WIRE WALL MOUNT
2. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS
3. STANDARD DIRECT BURIAL WIRES TO CONTROL VALVES, SUPPORTS UP TO TWO 2-WIRE PATHS
4. STANDARD 120 V PLUG

NOTES:
1. VALVES TO BE INSTALLED WITH 2W-1 DECODERS.
2. FOR DECODER AUTO-ADDRESS, DECODERS SHALL BE INSTALLED IN CONSECUTIVE ORDER. MASTER VALVE WILL TAKE FIRST DECODER ADDRESS.
3. FOR REMOTE MANAGEMENT, INSTALL WITH LNK2 WIFI MODULE.
4. COMPATIBLE WITH STANDARD DIRECT BURIAL IRRIGATION WIRE AND STANDARD IRRIGATION WIRE CONNECTORS.
5. WATER SENSE CERTIFIED WHEN INSTALLED WITH LNK2 WIFI MODULE AND WR2 RAIN/FREEZE SENSOR.

2 ESP-2WIRE CONTROLLER
3" = 1'-0" FX-RRS-RAIN-CONT-14

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STATE OF LOUISIANA — ALPHONSE BARCIA III — REG. NO. 5-8-2021 — LICENSED LANDSCAPE ARCHITECT

4-7-2026

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: AB3
CHECKED BY: AB3

IRRIGATION PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

IR-1

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SECTION 02810- LANDSCAPE IRRIGATION

1.0 GENERAL

1.1 DESCRIPTION OF WORK:

A. Furnish all labor, materials, equipment and services necessary for the complete installation of a landscape irrigation system to provide 100% coverage of the landscape areas identified on the plans as specified. The work includes, but is not limited to:
1. Trenching, backfill and compaction for irrigation lines.
2. Automatically controlled landscape irrigation system: Backflow prevention; water tap; water meter; pressure regulator; drain valves and isolation gate valves; piping and sleeves under paving and sidewalks, repair of paving, main and lateral lines; electrical valves and wiring, valve boxes and controllers; sprinklers, couplings, connectors and fittings.
3. Test all systems and make operative.
4. Submit Record Drawings.
5. One-year Guarantee Period.

1.2 QUALITY CONTROL:

A. Installer Qualifications: Firms experienced in the successful installation of a minimum of five projects within the past five years similar in scope, quality, and contract value to that indicated for this project. Firm shall have sufficient manpower, equipment and financial resources to complete the Work of the Section.
B. The Owner and the Landscape Architect reserve the right to reject any and all materials and workmanship which they deem to be not in accordance with the Specifications. Rejected materials and work shall be removed from site immediately and replaced with that of the specified quality.
C. Applicable Standards:

D2241-Poly (Vinyl Chloride) (PVC) Plastic Pipe, SDR/PR, Class 200 and 160.
D1785-Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedule 40.
D2464-Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Threaded, Schedule 40.
D2466-Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Socket Type, Schedule 40.
D2564-Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings.

D. Applicable Codes:
1. Most current edition of Uniform Plumbing Code.
2. Applicable Building Code.
3. All applicable local codes and ordinances.
4. National Electrical Code.
5. Should Specification's requirements differ from local requirements, consider Contract Document requirements to be minimum acceptable and comply with any more stringent local requirements.

E. Permits and Fees:
1. Obtain all permits and pay required fees to any agency having jurisdiction over the work.
2. Arrange inspections required by local ordinances during the course of construction.
3. Upon completion of the work, furnish satisfactory evidence to show that all work has been installed in accordance with the ordinances and code requirements.
F. Testing:
1. Perform testing and inspections required by specifications and by regulating authorities.
2. Give 24 hours notice that such tests are to be conducted.

1.3 SUBMITTALS:

A. Product Data: Include pressure rating, rated capacity, settings, and electrical data of selected models for the following:
1. Valves. Include above ground and underground; general-duty, manual and automatic control, and quick-coupler types.
2. Valve boxes.
3. Sprinklers.
4. Specialties. Include emitters, drip tubes, and other devices.
5. Controllers. Include wiring diagrams.
B. Record Drawings:
1. Prepare and submit a reproducible Record Drawing showing the complete layout of the main line pipe, controller location, valve locations, and all sprinkler head locations. Record Drawings shall also indicate and show all materials, and manufacturer's name and catalog number and name.

1.5 SITE INSPECTION

A. Become familiar with all site conditions.
B. Locate all existing utilities prior to start of construction.
C. Make necessary adjustments in the layout as may be required, 1) to connect to existing stubouts (should such stubs not be located exactly as shown) or 2) to work around existing work. Such adjustments shall be make with no increase in cost to the Owner.

1.6 PROTECTION OF EXISTING CONDITIONS:

A. Take necessary precautions to protect site conditions to remain.
B. Should damage be incurred, repair the work to its original condition at no additional cost to the Owner.

2.0 PRODUCTS

2.1 PIPE AND FITTINGS:

A. Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes will be permitted, but substitutions of larger size may be approved. All pipe damaged or rejected because of defects shall be removed or the site at the time of said rejection.

B. All Piping three inch (3") and larger will be equipped with gaskets.
C. All fittings for pipes three inches (3") or larger will be equipped with gaskets.
D. All piping downstream of electric valves, sizes (3) inches and smaller, shall be rigid unplasticized PVC-Class 200 PSI working pressure extruded from virgin parent material of the type specified on the drawings. The pipe shall be homogenous throughout and free from visible cracks, holes, foreign materials, blisters, wrinkles and permanently marked with the manufacturer's name, material size, and schedule type. Pipe must bear the NFS seal.
E. All mainline piping and underground piping under continuous pressure shall be rigid unplasticized PVC-SCH40 PSI working pressure extruded from virgin parent material of the type specified on the drawings. The pipe shall be homogenous throughout and free from visible cracks, holes, and foreign materials, blisters, wrinkles and dents.
F. All plastic fittings to be installed shall be molded fittings manufactured of the same material as the pipe and shall be suitable for solvent weld, slip joint ring tight seal, or screwed connections NO fitting made of other material shall be used except as hereinafter specified.
G. Slip fitting socket tapers shall be so sized that a dry unsoftened pipe end conforming to these special provisions can be inserted no more than halfway into the socket. Plastic saddle and flange fittings will not be permitted. Only schedule 80 pipe may be threaded.

2.2 SLEEVES:

A. All sleeves shall be Schedule 40 PVC or stronger. All sleeves are required at every crossing indicated on drawings. (Size Noted)
B. All sleeves shall be installed under proposed pavement areas prior to subgrade and base. construction.
C. Sleeves shall have a minimum horizontal separation of 18" and a maximum of twenty-four (24) inch clearance below bottom of curb.
D. The location of all sleeves shown on the plans is schematic. The contractor shall make any adjustments necessary to accommodate existing vegetation, utilities, or other existing conditions.
E. If the road crossings are designated as being bore locations the bore must be ample size to accommodate the size sleeve specified.

2.3 CONTROL SYSTEM:

A. The automatic controllers shall be made by the same manufacturer as valves.
B. Install Rain Check or Mini-Click type shut off device to override the control timer in the event of rain.
C. 120-volt power shall be supplied by General Contractor as part of the electrical panel installation.

2.4 CONTROL WIRE:

A. Control wire shall be type UF, UL approved, for direct burial and shall be gauge 14 or larger for the control wire and gauge 14 or larger for common wire.
B. Joining of underground wires shall be made with watertight connectors in valve boxes. No splicing between boxes is acceptable. Only use 3M DBR/Y-6 waterproof connectors.
C. All wire connections in valve boxes.

2.5 IRRIGATION VALVES:

A. Zone Control Valves
1. Globe-type diaphragm valves of normally closed design, with PVC bodies and covers. Operation accomplished by means of an integrally mounted heavy-duty 24 volt AC solenoid complying with National Electrical Code, Class II Circuit, solenoid coil potted in epoxy resin within a plastic-coated stainless steel housing: Solenoids shall be completely waterproof, suitable for direct underground burial. Provide a flow stem adjustment in each valve.

2.6 VALVE BOXES:

A. All valves shall be installed in thermoplastic valve access boxes of the size required to permit access to the valve. Valve boxes shall include black thermoplastic locking covers. Manufacturer- Ametek or approved equal.
B. All valve boxes shall be installed on at least a two (2) cubic foot gravel base to provide foundation and drainage.
C. All valve box elevations shall be 1/2" below finished grade.

2.7 THRUST BLOCKS:

A. Place one cubic ft. of concrete for each inch of pipe diameter for thrust block. Thrust shall not allow vertical or horizontal movement of pipe in any direction unless otherwise noted on design. Thrust blocking shall be provided on all piping three (3) inch diameter and larger.

2.8 SURGE PROTECTION: Contractor to provide electrical surge protection for the system controller.

2.9 BACKFLOW PREVENTION: As determined by Municipality/Local regulations.

2.10 PRESSURE REGULATOR: As determined by Contractor.

3.0 EXECUTION

3.1 EXCAVATION AND BACKFILL:

A. Trenches for pipe sprinkler lines shall be excavated of sufficient depth and width to permit proper handling and installation by any other method the Contractor may desire if approved by the Owner, pipe manufacturer, and Designer. The backfill shall be thoroughly compacted and evened off with the adjacent soil level. Selected fill dirt or sand shall be used if soil conditions are rocky. In rocky areas the trenching depth shall be two (2) inches below normal trenching depth to allow for this bedding. The fill dirt or sand shall be used in filling (4) inches above the pipe. The remainder of the backfill shall contain no lumps or rocks larger than three (3) inches. The top twelve (12) inches of backfill shall be topsoil, free of rocks, subsoil, or trash. Any open trenches or partially backfilled trenches left overnight or left unsupervised shall be barricaded to prevent undue hazard to the public space.
B. The Contractor shall backfill in six (6) inch compacted lifts as needed to bring the soil to its original density.

3.2 INSTALLATION OF PLASTIC PIPE:

A. Plastic pipe shall be installed in a manner that permits expansion and contraction as recommended by the manufacturer.
B. Plastic pipe shall be cut with a handsaw or hacksaw with the assistance of a square in sawing vice or in a manner so as to ensure a square cut. Burrs at cut ends shall be removed prior to installation so that a smooth unobstructed flow will be obtained.
C. All plastic-to-plastic joints shall be solvent weld joints or slip seal joints. Only the solvent recommended for the pipe and fittings shall be installed as outlined and instructed by the pipe manufacturer. The Contractor shall assume full responsibility for the correct installation.
D. The joints shall be allowed to set at least twenty-four (24) hours before pressure is applied to the system on PVC pipe.

3.3 CONTROLLER AND ELECTRICAL CONNECTIONS:

A. All electrical connections shall conform to the National Electrical Code, latest edition.
B. Control wires installed beneath walks, drives, or other permanent surfaces shall be placed in sleeves.
C. Wires shall be spliced only at valve boxes.
D. Leave twenty-four (24) inch loop of wire at each valve for expansion/contraction and servicing.
E. Controllers and valves shall be from the same company e.g. (Rain Bird, Toro or approved equal).
F. 120 VAC electrical power supply to the controller location shall be supplied by others.

3.4 FLUSHING AND TESTING:

A. After all new sprinkler piping and risers are in place and connected for a given section and all necessary division work has been completed and prior to the installation of sprinkler heads all control valves shall be opened and a full head of water used to flush out the system.
B. Sprinkler main shall be tested under normal water pressure for a period of twelve (12) hours. If leaks occur, repair and repeat the test. Give Landscape Architect forty-eight hours notice prior to testing.
C. Testing of the system shall be performed after completion of the entire installation and any necessary repairs shall be made at the Contractor's expense to put the system in good working order before final payment by the Owner.
D. Adjustment of the sprinkler heads and automatic equipment will be done by the Contractor upon completion of installation to provide optimum performance. Minor adjustments during the guarantee period will be made by the Owner.
E. After completion, testing, and acceptance of the system, the Contractor will instruct the Owner's personnel in the operation and maintenance of the system.

4.0 ACCEPTANCE AND GUARANTEE

4.1 SUBSTANTIAL COMPLETION:

A. Submit request for inspection for Substantial completion to the Landscape Architect at least forty-eight hours prior to anticipated date of inspection and testing (refer to Paragraph 3.3 TESTING, herein).
B. Submit Record Drawings and Maintenance Manual to the Landscape Architect with request for inspection (refer to Paragraph 3.4 FLUSHING AND TESTING, herein).
C. Review the work jointly with the Owner and Landscape Architect for Substantial Completion.
D. Upon completion of repairs and replacements found necessary at time of review, the Owner and Landscape Architect will confirm the date of Substantial Completion of the work.
E. The date of Substantial Completion will constitute the beginning date of the One-Year Guarantee.

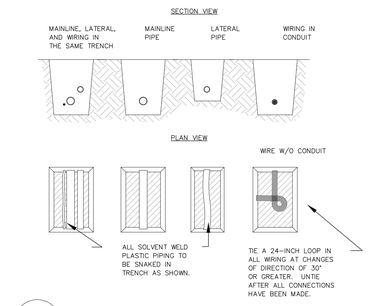
4.2 GUARANTEE:

A. Guarantee all work, products, equipment, and materials for one(1) year, beginning at Date of Substantial Completion.
B. During the period of the Guarantee, replace immediately, with no additional compensation, all work not functioning correctly; make adjustments as necessary to maintain complete coverage; make good any other damage, loss, destruction, or failure. Repairs and replacements shall be done promptly and at no additional cost to the Owner.
C. Repair damage to grade, plants, and other work or property as necessitated due to irrigation defects, repairs, replacement or adjustment.
D. If the replacement is not acceptable during or at the end of the Guarantee Period, the owner may elect either subsequent replacement or credit. Replacement products shall have a similar one-year guarantee from time of replacement.
E. Guarantee applies to all losses with the exception of those due to Acts of God, vandalism, or Owner neglect, as determined by the Landscape Architect.

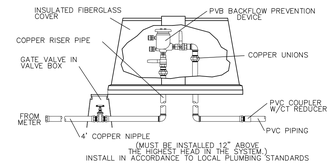
4.3 FINAL INSPECTION AND ACCEPTANCE:

A. At end of Guarantee Period and upon request for inspection, jointly review all guaranteed work for Final Acceptance.
B. Submit written request for inspection for Final Acceptance to the Landscape Architect at least two weeks prior to anticipated date of inspection; include list of work provisionally accepted and list of work replace during Guarantee Period.
C. Upon completion by the Contractor of all required repairs and replacements, the Owner

END OF SECTION 02810.



1 PIPING DIAGRAM
N.T.S.



2 BACKFLOW DETAIL
N.T.S.

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STATE OF LOUISIANA
ALPHONSE BARCIA III
REG. NO. 5-8
LICENSED LANDSCAPE ARCHITECT
4-7-2026

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SLIDELL POLICE DEPARTMENT FACILITY
FUNCTIONAL DEPENDENT DESIGN
CITY OF SLIDELL, LOUISIANA
911 ROBERT BLVD, SLIDELL LA 70458

SCALE: AS SHOWN
PROJECT NO: 0315.23.001
DRAWN BY: AB3
CHECKED BY: AB3

IRRIGATION SPECS AND DETAILS

NO.	DATE	REVISION / SUBMITTAL
REV 0	11.26.25	ISSUED FOR CONSTRUCTION
REV 1	04.07.26	ISSUED FOR CONSTRUCTION

IR-2

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEER PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS SHALL GOVERN. ALL CONTRACTORS SHALL EXAMINE ALL SITE CONDITIONS AND VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. THE DRAWINGS SET FORTH THE MINIMUM REQUIREMENTS FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE PLANS AND SPECIFICATIONS.

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