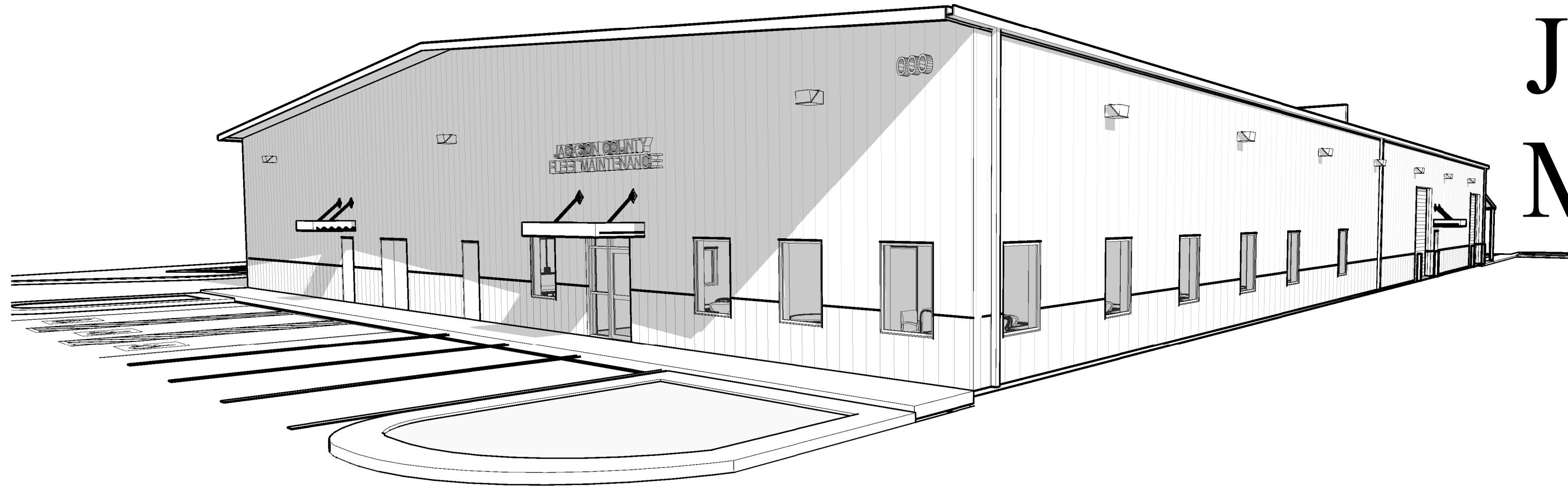


CONSTRUCTION DOCUMENTS FOR THE JACKSON COUNTY FLEET MAINT. & PUBLIC WORKS FACILITY HENDRIX DR, JEFFERSON, GA 30549



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**JACKSON COUNTY FLEET
MAINT. & PUBLIC WORKS
FACILITY**
HENDRIX DRIVE,
JEFFERSON, GA 30549

COVER SHEET
DESIGN PPI
DRAWN RGB
CHECKED KS

DATE	NO.	DESCRIPTION
07/18/24	01	30% CONSTRUCTION DOCS

07/18/24 DATE
A23-131 PROJ. NUMBER
FILE NAME
FILE NUMBER
CS

Project Directory	
OWNER:	JACKSON COUNTY BOARD OF COMMISSIONERS 67 ATHENS STREET JEFFERSON, GA. 30549
ARCHITECT:	PRECISION PLANNING INC. P.O. BOX 2210 400 PIKE BOULEVARD LAWRENCEVILLE, GEORGIA 30046-2210 CONTACT: B. KENT SNYDER II PHONE NUMBER: (770) 338-8000
STRUCTURAL ENGINEER:	WILLIAM J. PELTIER & ASSOCIATES INC. 270 LANGLEY DRIVE LAWRENCEVILLE, GA 30046
MECHANICAL/PLUMBING ENGINEER:	JOHNSON SPELLMAN & ASSOCIATES INC. 350 RESEARCH COURT PEACHTREE CORNERS, GA 30092
ELECTRICAL ENGINEER:	BARNETT CONSULTING ENGINEERS, INC. 655 ENGINEERING DRIVE, SUITE 150 PEACHTREE CORNERS, GA 30092
CIVIL ENGINEER:	PRECISION PLANNING INC. P.O. BOX 2210 400 PIKE BOULEVARD LAWRENCEVILLE, GEORGIA 30046-2210 CONTACT: TODD PARKER P.E. PHONE NUMBER: (770) 338-8116

Project Information	
PROJECT NAME:	JACKSON COUNTY FLEET MAINTENANCE & PUBLIC WORKS FACILITY
PROJECT ADDRESS:	HENDRIX DR, JEFFERSON, GA 30549
ZONING DISTRICT:	ZONE (CH)
OCCUPANCY GROUP:	STORAGE (S-1)
INCIDENTAL OCCUPANCY:	BUSINESS (B)
INCIDENTAL OCCUPANCY:	HIGH HAZARD (H-2)
CALCULATED OCCUPANCY LOAD:	113
TYPE OF CONSTRUCTION:	IIB
SPRINKLERED OR UNSPRINKLERED:	SPRINKLERED
CODE - BUILDING AREA LIMIT:	70,000 SQ. FT.
NEW BUILDING AREA:	21,975 SQ. FT.
CODE - HEIGHT LIMIT:	75'-0" (3 STORIES)
NEW BUILDING HEIGHT:	25'-2" (1 STORY)
FIRE ALARM:	YES

General Notes	
1.	CONTRACTOR SHALL VERIFY THAT THESE DRAWINGS CORRESPOND TO EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY THE ARCHITECT IMMEDIATELY OF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS THAT CANNOT BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS DUE TO EXISTING FIELD CONDITIONS.
2.	THE GENERAL CONTRACTOR SHALL VERIFY ALL CLEARANCES, DIMENSIONS AND SIZES PRIOR TO ORDERING OR PURCHASING ASSEMBLIES OR FIXTURES FOR CONSTRUCTION.
3.	ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES AND REGULATIONS.
4.	THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY CONSTRUCTION AND ALL STAGING, SCHEDULING, MATERIAL DELIVERIES AND OTHER ITEMS THAT AFFECT THE SEQUENCE OF CONSTRUCTION OR SCHEDULING THE CONSTRUCTION PROJECT.
5.	DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
6.	THE BUILDING AND SITE SHALL BE KEPT IN A CLEAN AND ORDERLY MANNER AT ALL TIMES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF DEBRIS IN A CONSISTENT AND LEGAL MANNER. REFER TO SPECIFICATIONS FOR WASTE MANAGEMENT PLAN REQUIREMENTS.
7.	CONTRACTORS ARE REQUIRED TO HAVE A VALID GEORGIA STATE GENERAL CONTRACTING LICENSE FOR COMMERCIAL PROJECTS. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO PROVIDE THE GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT AND THE RESIDENCY STATUS AFFIDAVIT. REFER TO DIVISION 0 OF THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8.	THE ARCHITECT DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THE ARCHITECTURAL WORK PERFORMED WHICH MEETS THE STANDARDS OF PROFESSIONAL CARE.
9.	THE GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
10.	PROVIDE SEPARATION BETWEEN ALL DISSIMILAR METALS.
11.	FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION.
12.	ALL CONSTRUCTION OFFICES SHALL BE PERMITTED SEPARATELY.
13.	THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION WASTE AND DEBRIS.
14.	THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING NECESSARY FENCING AND ALL SAFETY MEASURES REQUIRED TO PROTECT THE GENERAL PUBLIC FROM DEMOLITION AND CONSTRUCTION WORK FOR THE DURATION OF THE PROJECT.
15.	IN THE EVENT THE OWNER, THE OWNER'S CONTRACTORS OR SUBCONTRACTORS, OR ANYONE FOR WHOM THE OWNER IS LEGALLY LIABLE MAKES OR PERMITS TO BE MADE ANY CHANGES TO THE CONSTRUCTION DOCUMENTS PREPARED BY PRECISION PLANNING, INC. RELATING TO THIS PROJECT WITHOUT OBTAINING PRECISION PLANNING, INC.'S PRIOR WRITTEN CONSENT, THE OWNER SHALL ASSUME FULL RESPONSIBILITY FOR THE RESULTS OF SUCH CHANGES. THEREFORE THE OWNER AGREES TO WAIVE ANY CLAIM AGAINST PRECISION PLANNING, INC. AND TO RELEASE PRECISION PLANNING, INC. FROM ANY LIABILITY ARISING DIRECTLY OR INDIRECTLY FROM SUCH CHANGES.

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	LS1.2 LIFE SAFETY AND CODE NOTES
	LS2.1 LIFE SAFETY PLAN, NOTES AND DETAILS
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Symbol Legend	
	View Name 1/8" = 1'-0"
	ROOM NAME & NUMBER
	ENLARGED DETAIL REFERENCE
	SECTION REFERENCE
	INTERIOR ELEVATION MARK
	EXTERIOR ELEVATION MARK
	COLUMN REFERENCE
	INTERIOR FINISH TAG
	BREAK LINE
	DIMENSION LINE TO FACE OF STUD, MASONRY OR CONCRETE
	DIMENSION LINE TO COLUMN CENTERLINE
	DIMENSION LINE TO FINISH ASSEMBLIES
	NORTH ARROW
	TRUE NORTH PLAN NORTH
	ELEVATION MARKER
	WINDOW REFERENCE TYPE
	DOOR REFERENCE NUMBER
	PARTITION TYPE
	PLAN KEYNOTE
	CEILING TYPE TAG
	EXTERIOR FINISH TYPE
	REVISION NUMBER

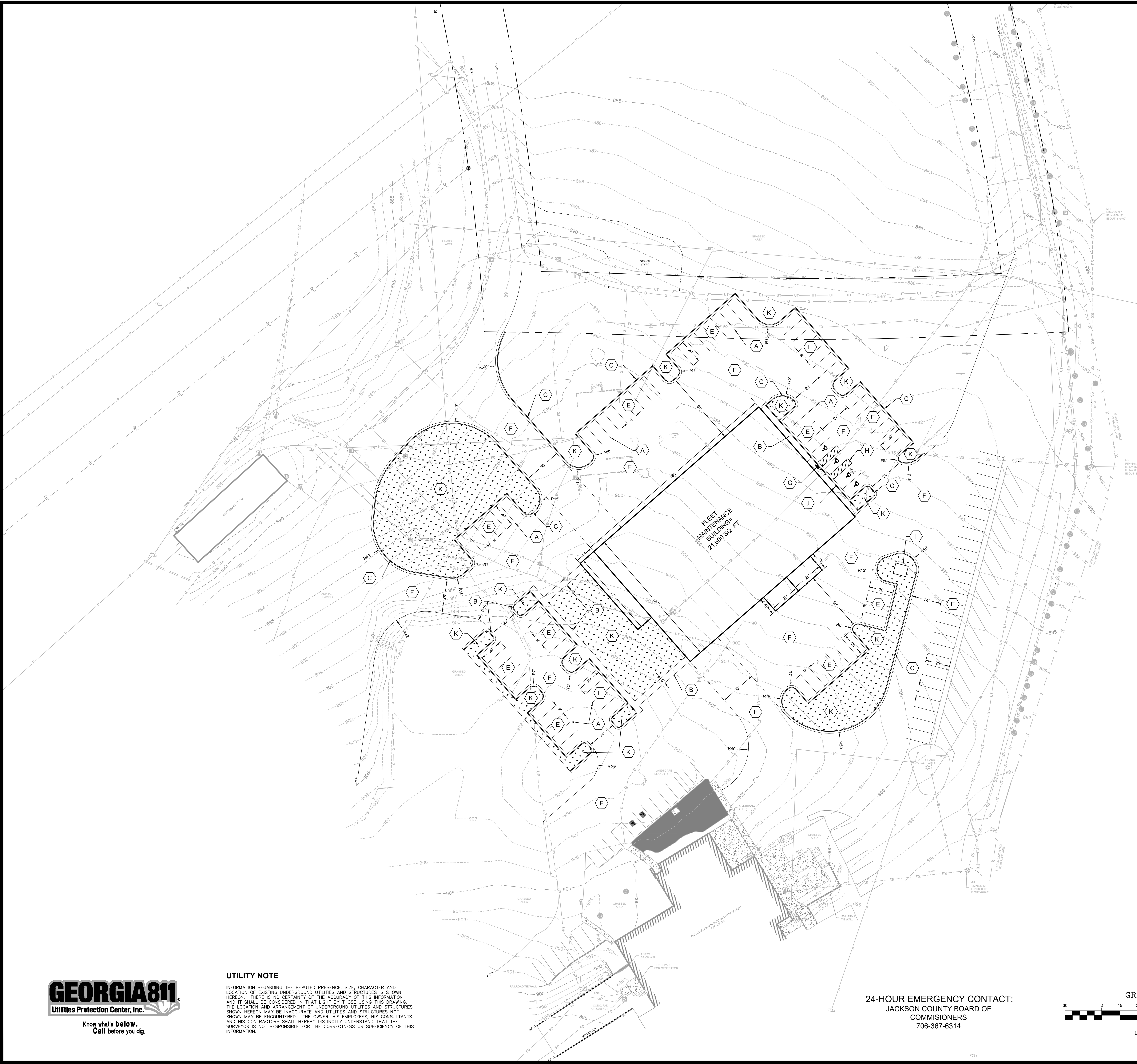
Applicable Codes	
THE FOLLOWING CODES SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT:	
INTERNATIONAL BUILDING CODE (IBC):	2018 EDITION WITH 2022 GEORGIA AMENDMENTS
INTERNATIONAL FIRE CODE (IFC):	2018 EDITION WITH 2022 GEORGIA AMENDMENTS
INTERNATIONAL PLUMBING CODE (IPC):	2018 EDITION WITH 2022 GEORGIA AMENDMENTS
INTERNATIONAL MECHANICAL CODE (IMC):	2018 EDITION WITH 2022 GEORGIA AMENDMENTS
INTERNATIONAL FUEL AND GAS CODE:	2018 EDITION WITH 2022 GEORGIA AMENDMENTS
NATIONAL ELECTRIC CODE (NEC):	2021 EDITION WITH NO GEORGIA AMENDMENTS
INTERNATIONAL ENERGY CONSERVATION CODE (IECC):	2015 EDITION WITH 2022 GEORGIA AMENDMENTS
DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN:	2010 EDITION WITH NO GEORGIA AMENDMENTS
NFPA 101 LIFE SAFETY CODE:	2018 EDITION WITH 2020 GEORGIA AMENDMENTS

DATE: 06/27/2024 10:52:27 AM FILE PATH: E:\PROJECTS\2023\21210-AR-JACKSON COUNTY FLEET MAINTENANCE\DWG\21210-AR-JACKSON COUNTY FLEET MAINTENANCE SITE PLAN.DWG - BORNE ROSSER



UTILITY NOTE

INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION.



SITE LEGEND

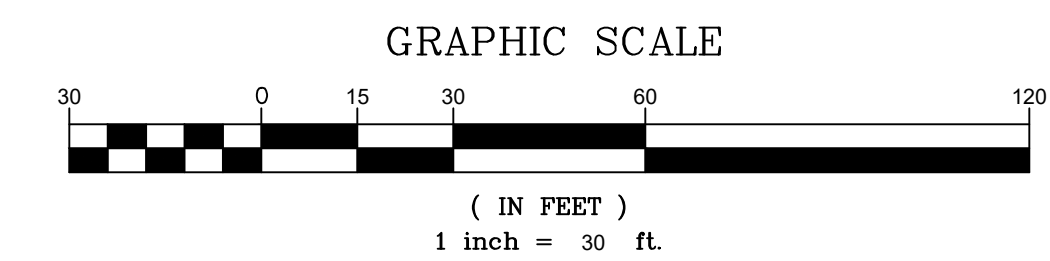
- A WHITE PARKING STRIPE
- B 4 INCH THICK CONCRETE SIDEWALK, WIDTH VARIES
- C 24 INCH WIDE CURB AND GUTTER
- D NOT USED
- E MEDIUM DUTY ASPHALT PAVEMENT (SEE DETAIL SHT C2.2)
- F HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL SHT C2.2)
- G ACCESSIBLE H/C RAMP, GOOT STD TYPE 'B'
- H HANDICAP PARKING STRIPING (SEE DETAIL SHEET C2.2)
- I TRANSFORMER PAD (REFER TO ARCHITECTURAL DRAWINGS)
- J HANDICAP SIGNAGE (SEE DETAIL SHT C2.2)
- K GRASSING

PROJECT SITE DATA:

OWNER/DEVELOPER:	JACKSON COUNTY BOARD OF COMMISSIONERS 67 ATHENS STREET JEFFERSON, GA 30649
SITE AREA:	137.70 AC ACRES
PROPOSED USE:	FLEET MAINTENANCE BUILDING
FLOOD NOTE:	THIS TRACT OF LAND DOES NOT LIE WITHIN THE 100 YEAR FLOOD INTERMEDIATE FLOOD ZONE AS PER FEMA COMMUNITY PANEL #1315100148C, LAST REVISED DECEMBER 17, 2010.
PARKING:	72 REGULAR SPACES 4 H/C SPACES 76 SPACES PROVIDED

- NOTES:**
- INTERSECTION RADIUS CURB RAMPS SHALL BE PROVIDED AT STREET INTERSECTIONS. STRAIGHT RAMPS MAY BE PROVIDED AT INTERSECTIONS OF CURBED DRIVEWAYS AND AT STREETS WITHOUT SIDEWALKS.
 - PARKING LOTS SHALL BE MAINTAINED IN GOOD CONDITION, FREE OF POTHOLES, WEEDS, DUST, TRASH AND DEBRIS.
 - APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY JACKSON COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND DISTURBANCE.
 - IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN ANY DETENTION FACILITY CONSTRUCTED ON THEIR PROPERTY AND TO ENSURE THE FACILITY IS FREE OF OBSTRUCTION, SILT, OR DEBRIS.

24-HOUR EMERGENCY CONTACT:
JACKSON COUNTY BOARD OF COMMISSIONERS
706-367-6314



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RELEASE OF CONSTRUCTION

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JACKSON COUNTY
FLEET MAINT.

JEFFERSON DRIVE
JEFFERSON, GA 30649
PARCEL 051 001G
JACKSON COUNTY, GA

PROJECT

SITE PLAN

CHECKED: MTP
DRAWN: BBR
DESIGN: BBR

DATE: 06/27/2024

DATE: 07/18/24

NO DESCRIPTION: 30% CD SET

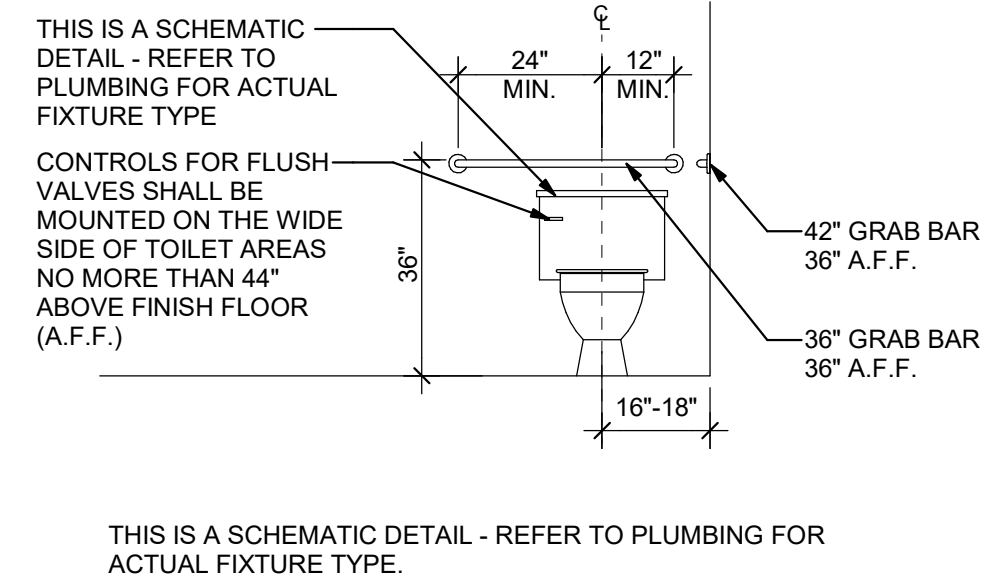
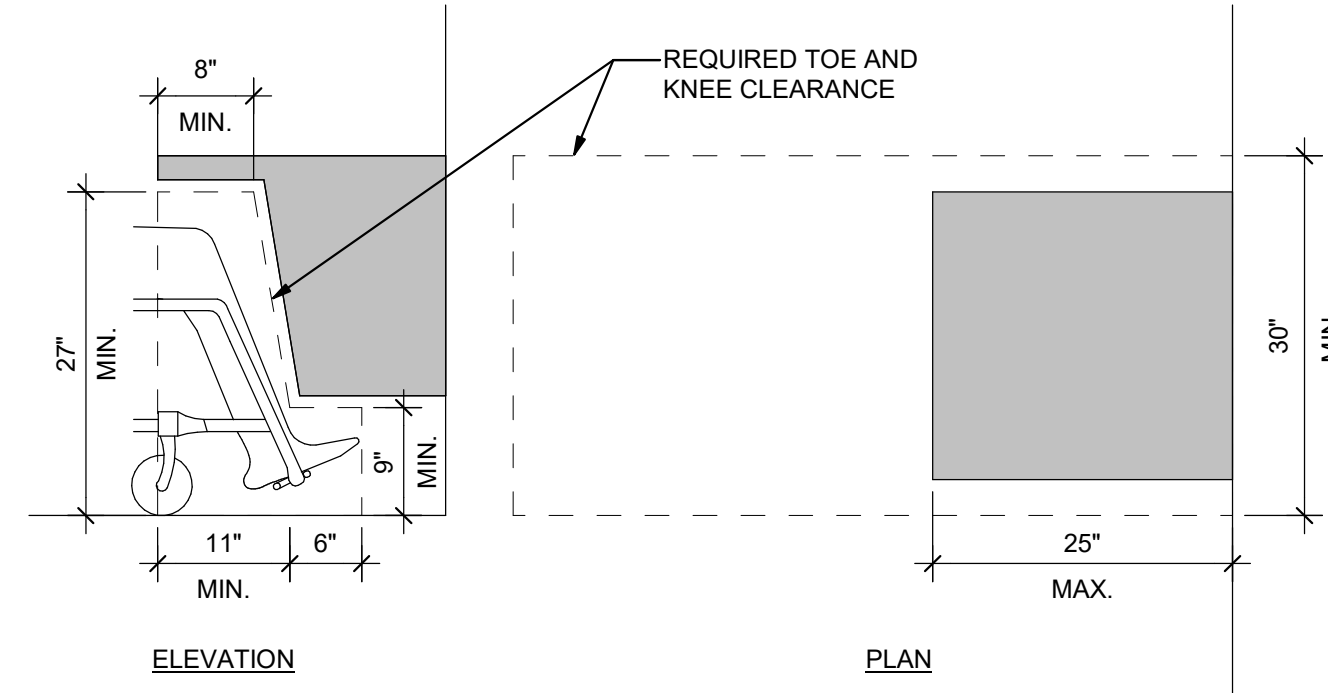
PROJ. NUMBER: A23-131

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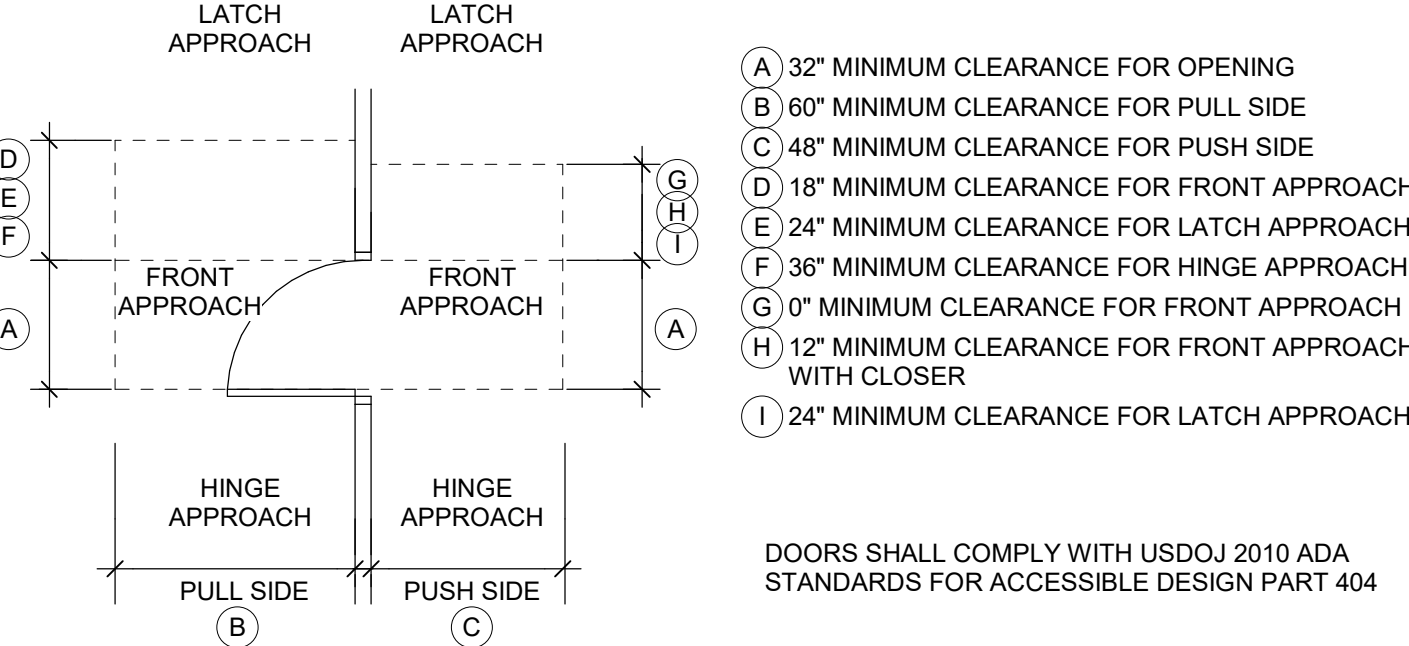
C2.1



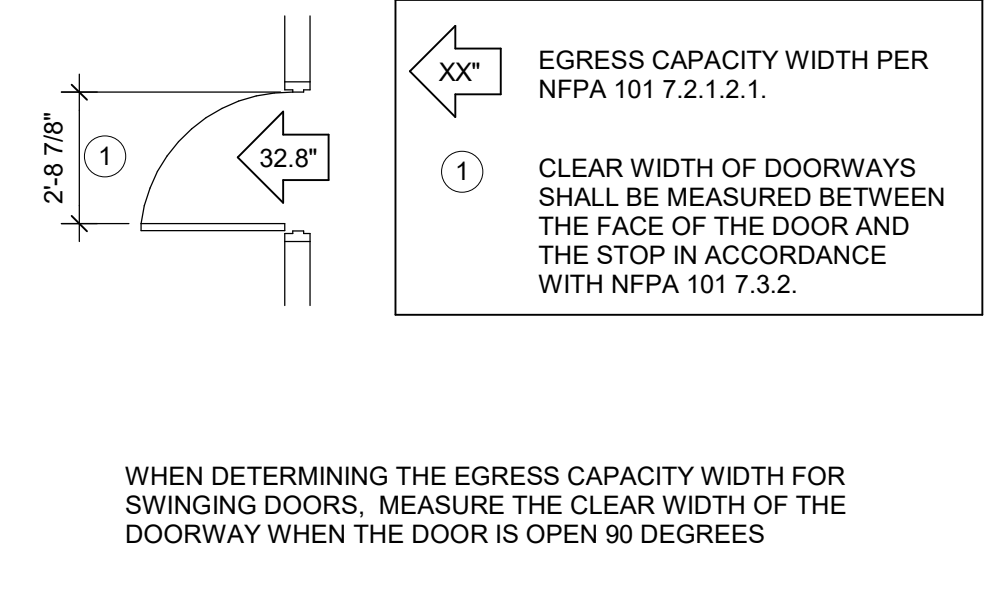
THIS IS A SCHEMATIC DETAIL - REFER TO PLUMBING FOR ACTUAL FIXTURE TYPE.

1 ADA Toe and Knee Clearance
LS1.1 NOT TO SCALE

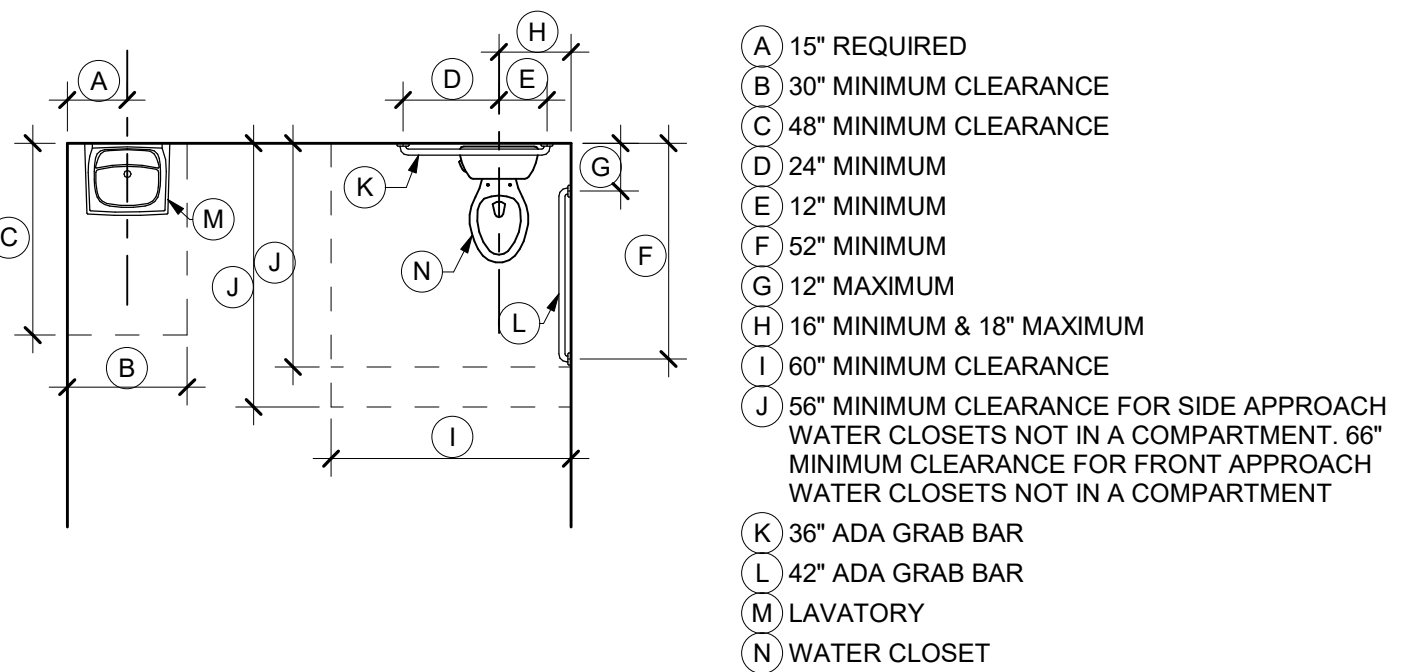
2 Water Closet Detail
LS1.1 NOT TO SCALE



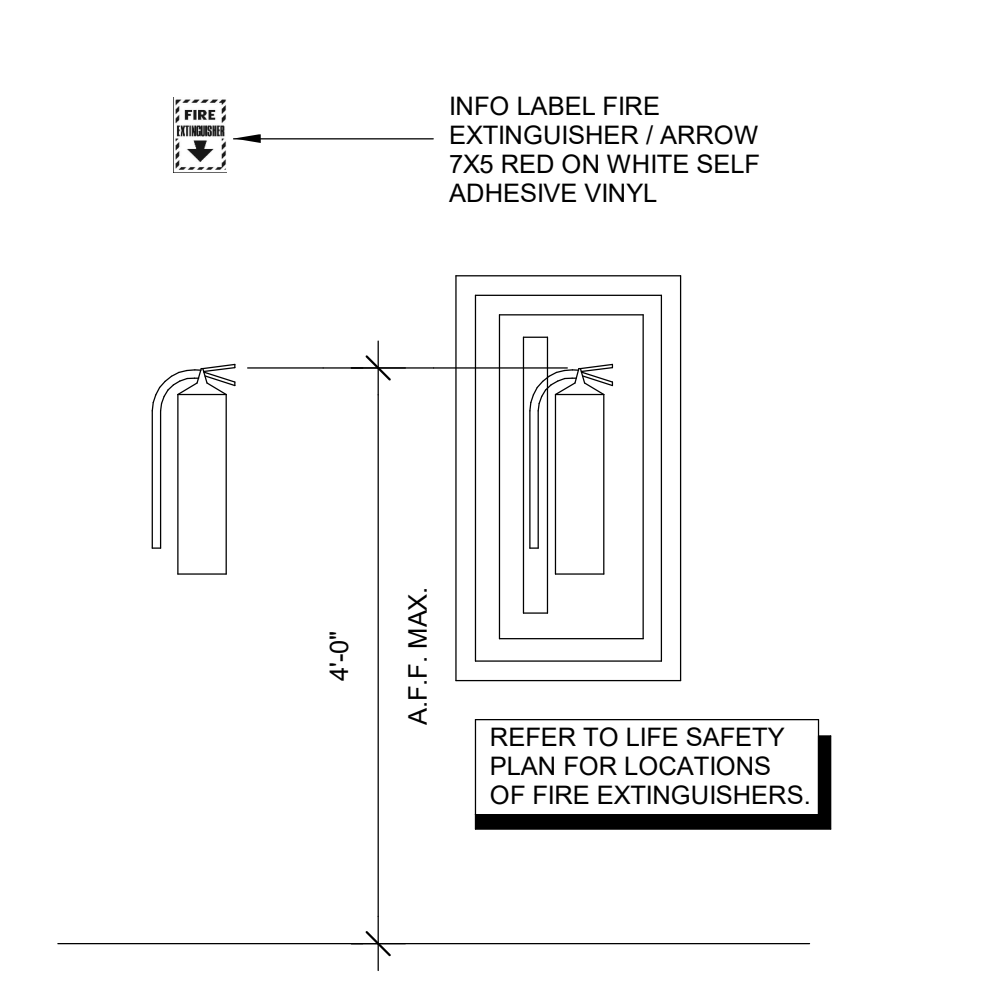
3 ADA Door Clearance
LS1.1 NOT TO SCALE



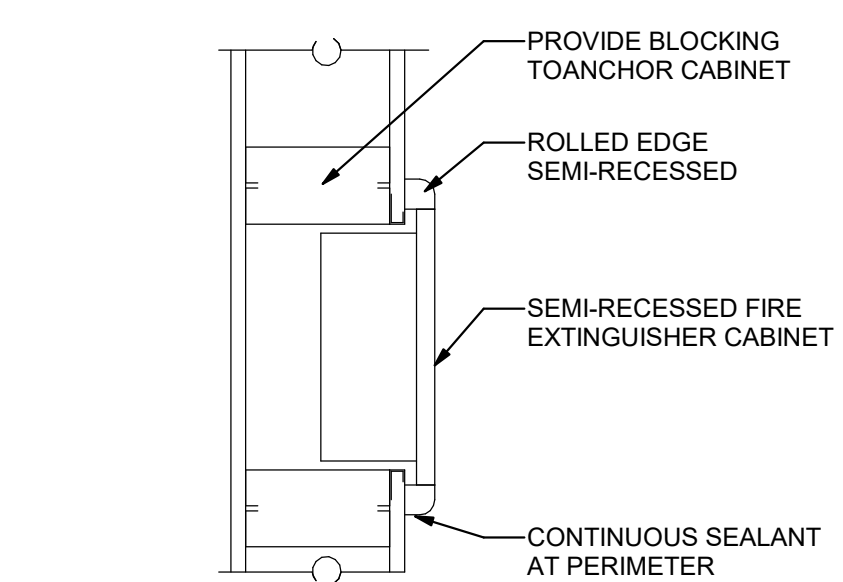
4 Door Egress Capacity
LS1.1 NOT TO SCALE



5 ADA Accessible Fixture Dimensions
LS1.1 NOT TO SCALE



7 Fire Extinguisher Detail
LS1.1 NOT TO SCALE



6 Fire Extinguisher Cabinet Detail
LS1.1 NOT TO SCALE

Code Review Summary

BUILDING OCCUPANCY:	STORAGE (S1),	(NFPA 101-6.1)
INCIDENTAL OCCUPANCIES:	BUSINESS (B) & INDUSTRIAL HIGH HAZARD (H-2)	(NFPA 101-6.1)
CHANGE OF OCCUPANCY:	NO	
ALLOWABLE HEIGHTS AND AREAS:	75 FT HEIGHT (3 STORIES) 70,000 SF	(IBC TABLE 504.3) (IBC TABLE 506.2)
CONSTRUCTION TYPE:	IIB, SPRINKLERED	(IBC TABLE 602.2 & 406.8.3)
REQUIRED PROTECTED ASSEMBLIES:	STRUCTURAL FRAME = 0 HOUR FLOOR CONSTRUCTION = 0 HOURS (INCLUDING SUPPORTING BEAMS AND JOISTS) ROOF CONSTRUCTION = 0 HOUR (INCLUDING SUPPORTING BEAMS AND JOISTS)	(IBC TABLE 601) (IBC TABLE 601)
RATING EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE:	LESS THAN 5 FT = 1 HOUR 5 FT TO LESS THAN 10 FT = 1 HOUR 10 FT TO LESS THAN 30 FT = 0 HOUR 30 FT OR GREATER = 0 HOUR	(IBC TABLE 602) (IBC TABLE 602) (IBC TABLE 602)
INTERIOR WALLS AND PARTITIONS:	OCCUPANCY SEPARATION = 1 HOUR STORAGE OCCUPANCY SEPARATION = 1 HOUR SHAFT ENCLOSURE = 1 HOUR (UP TO 3 STORIES) 2 HOUR (UP TO 4 STORIES)	(NFPA101 6.1.14.1) (NFPA101 6.1.14.1) (GDL 300-3-6.19)
INTERIOR FINISH REQUIREMENTS:	FLAME SPREAD INDEX EXIT PASSAGEWAYS EXIT ACCESS CORRIDORS ROOMS	B or C (IBC TABLE 803.5) B or C (IBC TABLE 803.5) A, B or C (NFPA101 38.3.3.2)
REQUIRED EXIT CAPACITIES:	0.2 INCHES PER PERSON (LEVEL COMPONENTS) 0.3 INCHES PER PERSON (STAIRS)	(NFPA101 7.3.3.1) (NFPA101 7.3.3.1)
REQUIRED NUMBER OF EXITS:	2 (GENERAL REQUIREMENT)	(NFPA101 7.11.4)
OCCUPANCY LOAD FACTORS:	STORAGE 300 SF/PERSON BUSINESS 150 SF/PERSON INDUSTRIAL 100 SF/PERSON	(NFPA101 7.3.1.2) (NFPA101 7.3.1.2) (NFPA101 7.3.1.2)
TRAVEL DISTANCE REQUIREMENTS:	COMMON PATH LIMIT = 100 FT (< 30 OCC. LOAD) DEAD-END LIMIT = 50 FT (< 30 OCC. LOAD) TRAVEL DISTANCE LIMIT = 300 FT (UNSPRINKLERED)	(NFPA101 38.2.5.3.1) (NFPA101 38.2.5.2.1) (NFPA101 38.2.6.3)
SEPARATION OF EXITS:	WHERE TWO EXIT ACCESS DOORS ARE REQUIRED, THEY SHALL BE PLACED AT A DISTANCE FROM ONE ANOTHER NOT LESS THAN ONE-HALF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED, MEASURED IN A STRAIGHT LINE BETWEEN THE NEAREST EDGE OF THE EXIT DOORS OR EXIT ACCESS DOORS.	
DOOR REQUIREMENTS:	MAXIMUM WIDTH = 48 IN. MINIMUM WIDTH = 32 IN. MINIMUM HEIGHT = 80 IN. CLEAR OPENING = 32 IN. FORCE TO OPEN = 15 LBF. (LATCH RELEASE) = 30 LBF. (SET IN MOTION) = 15 LBF. (SWING)	(IBC 1010.1.1) (NFPA101 7.2.1.2.3) (IBC 1010.1.1) (IBC 1010.1.1) (NFPA101 7.2.1.4.5.1) (NFPA101 7.2.1.4.5.1) (NFPA101 7.2.1.4.5.1)
CORRIDOR REQUIREMENTS:	WIDTH = 44 IN. MINIMUM HEIGHT = 80 IN. CLEAR RATING = NOT REQUIRED	(IBC 1017.2) (NFPA101 38.3.6.1)
PORTABLE FIRE EXTINGUISHERS:	75 FT TRAVEL DISTANCE MAX.	(NFPA101)
DETECTION AND NOTIFICATION:	INITIATION: MANUAL FIRE DETECTION SYSTEM NOTIFICATION: NOT REQUIRED	(NFPA101 40.3.4.3.4)
EMERGENCY EXIT LIGHTING REQUIREMENTS:	10 SECOND DELAY MAX. DURATION = 1 1/2 HOURS MIN.	(NFPA101 7.9.1.3) (NFPA101 7.9.2.1)

NOTE: THE DETAILS INDICATED ON THIS SHEET ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY CLEARANCE CHARACTERISTICS AND MOUNTING HEIGHTS TO COMPLY WITH 2010 ADA STANDARDS

Table 102.13 CODES REFERENCE GUIDE

Area	Primary	Supplement
Occupancy Classification	LSC	IBC
Building Construction Types including allowable height, allowable building areas, and the requirements for sprinkler protection related to minimum building construction types.	IBC	LSC
Means of Egress	LSC	NONE
Standpipes	IBC	IFC
Interior Finish	LSC	NONE
HVAC Systems	IMC	NONE
Vertical Openings	LSC	NONE
Sprinkler Systems minimum construction standard	LSC	NONE
Fire Alarm Systems	LSC	NONE
Smoke Alarms and Smoke Detection Systems	State Statute and LSC	NONE
Portable Fire Extinguishers	IFC	NONE
Cooking Equipment	LSC and NFPA 96	NONE
Fuel Fired Appliances	IFGC	NFPA 54
Liquid Petroleum Gas	NFPA 58	NFPA 54
Compressed Natural Gas	NFPA 52	NONE

Code Review Notes

- SWING AND FORCE TO OPEN DOORS SHALL MEET THE REQUIREMENTS OF THE NFPA 101 LIFE SAFETY CODE CHAPTER 7.2.1
- EXIT DOORS SHALL NOT BE SUBJECT TO THE USE OF A KEY OR REQUIRE SPECIAL KNOWLEDGE TO OPERATE PER NFPA 101 LIFE SAFETY CODE CHAPTER 7.2.1.5.1.
- SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH SIGN.
- ALL CONCEALED INSULATING MATERIALS WITHIN WALL, FLOORS, ROOF AND CEILING CAVITIES SHALL HAVE A FLAME SPREAD INDEX OF LESS THAN 25 AND A SMOKE DEVELOPED INDEX OF LESS THAN 450 AS DETERMINED IN ACCORDANCE WITH ASTM E84.
- SELF CLOSING DEVICES SHALL BE PROVIDED ON DOORS IN A MEANS OF EGRESS AND SHALL MEET THE REQUIREMENTS OF THE NFPA 101 LIFE SAFETY CODE CHAPTER 7.2.1.8.
- (FIRE EXTINGUISHERS) SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10, TABLE 3-2.1. (LOW HAZARD). THE SIZE SHALL BE A MINIMUM OF 2.1 A 10 BC (REFER TO PLANS) AND SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE. 1 REQUIRED PER 3,000 S.F. OR 75 FEET OF TRAVEL DISTANCE.
- PLANS FOR FIRE PROTECTION SPRINKLER PIPING, INCLUDING COMPLETE SEISMIC SUPPORT DETAILS, SHALL BE APPROVED BY THE CHEROKEE COUNTY FIRE MARSHALS OFFICE FOR COMPLIANCE WITH IBC SECTION 903 AND NFPA 13 PRIOR TO INSTALLATION. SPRINKLER SHOP DRAWINGS SHOWING PIPING LOCATIONS AND HEAD LAYOUT SHALL BE AVAILABLE ON JOB SITE AT ALL TIMES. ANY FIRE SPRINKLER PLAN INCLUDED IN THIS SET OF DOCUMENTS ARE FOR REFERENCE ONLY, NOT FOR PERMIT.
- (COMBUSTIBLE INTERIOR FINISH PRODUCTS) SHALL BE PROVIDED PER THE REQUIREMENTS OF THE RESPECTIVE OCCUPANCY CHAPTER OF THE NFPA 101 LIFE SAFETY CODE, PROVIDE VERIFICATION THE TIME OF FINAL INSPECTION THAT THE PRODUCTS COMPLY WITH THE REQUIREMENTS.
- (EXPOSED PIPES AND SURFACE) HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
- THE FLOOR LEVEL SHALL BE THE SAME ON BOTH SIDES OF THE DOOR. THE ELEVATION SHALL BE MAINTAINED FOR A DISTANCE EQUAL TO THE WIDTH OF THE WIDEST LEAF OF THE DOORS. NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SECTION 7.2.1.3.
- PANIC HARDWARE SHALL BE PROVIDED FOR ALL EXIT DOORS PER THE REQUIREMENTS OF NFPA 101 LIFE SAFETY CODE CHAPTER 7, SECTION 7.2.1.7.
- EXIT SIGNS COMPLYING WITH NFPA 101 LIFE SAFETY CODE CHAPTER 7, SECTION 7.10, SHALL BE INSTALLED. ADDITIONAL SIGNAGE MAY BE REQUIRED UPON FIELD INSPECTION.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 404.2.3: CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (815 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP. WITH THE DOOR OPEN TO 90 DEGREES, OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (915 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (865 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (865 MM) AND 80 INCHES (2030 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (100 MM), EXCEPTIONS: 1. IN ALTERATIONS, A PROJECTION OF 5/8 INCH (16 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 309.4: OPERATION. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 703.1: GENERAL. SIGNS SHALL COMPLY WITH 703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 211.2: MINIMUM NUMBER. NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE DRINKING FOUNTAIN SHALL COMPLY WITH 602.1 THROUGH 602.6 AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH 602.7. EXCEPTION: WHERE A SINGLE DRINKING FOUNTAIN COMPLIES WITH 602.1 THROUGH 602.6 AND 602.7, IT SHALL BE PERMITTED TO BE SUBSTITUTED FOR TWO SEPARATE DRINKING FOUNTAINS.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 307.1: GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH 307.307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (685 MM) AND NOT MORE THAN 80 INCHES (2030 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES (100 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 1/4 INCHES (115 MM) MAXIMUM.
- US DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN: SECTION 702.1: GENERAL. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (INCORPORATED BY REFERENCE, SEE "REFERENCED STANDARDS" IN CHAPTER 1), EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF AUDIBLE NOTIFICATION APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 SHALL HAVE A SOUND LEVEL NO MORE THAN 110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION, ALARMS IN GUEST ROOMS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4-4 OF NFPA 72 OR SECTIONS 7.4 AND 7.5 OF NFPA 72.
- PASSAGES OF PIPES, CONDUITS, BUS DUCTS, CABLES, WIRES, AIR DUCTS, PNEUMATIC DOORS, AND SIMILAR BUILDING SERVICE EQUIPMENT THROUGH FIRE OR SMOKE BARRIERS SHALL BE PROTECTED WITH A SYSTEM CAPABLE OF MAINTAINING THE FIRE OR SMOKE BARRIER. THIS SYSTEM MUST BE UL APPROVED.
- ALL PENETRATIONS OF A FIRE OR SMOKE BARRIER SHALL BE PROVIDED WITH A LISTED FIRE / SMOKE DAMPER OR THROUGH PENETRATION SYSTEM AS REQUIRED BY NFPA AND IN ACCORDANCE WITH APPROVED UL DESIGNS. ALL SUPPLY DUCTS WITHIN OR THROUGH A RATED ASSEMBLY SHALL BE METAL.
- DOORS SHALL MEET THE REQUIREMENTS OF THE NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SECTION 7.2.1.
- FIRE COMPARTMENTS SHALL BE FORMED WITH FIRE BARRIERS THAT ARE CONTINUOUS FROM OUTSIDE WALL TO OUTSIDE WALL, FROM ONE FIRE BARRIER TO ANOTHER, OR A COMBINATION THEREOF, INCLUDING CONTINUITY THROUGH ALL CONCEALED SPACES, SUCH AS THOSE FOUND ABOVE A CEILING, INCLUDING INTERSTITIAL SPACES. (NFPA 101 CHAPTER 8 SECTION 8.2.2.2)
- FIRE PARTITIONS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE OR TO THE FIRE-RESISTANCE RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLY ABOVE, AND SHALL BE SECURELY ATTACHED THERETO. IF THE PARTITIONS ARE NOT CONTINUOUS TO THE SHEATHING, DECK OR SLAB, AND WHERE CONSTRUCTED OF COMBUSTIBLE CONSTRUCTION, THE SPACE BETWEEN THE CEILING AND THE SHEATHING, DECK OR SLAB ABOVE SHALL BE FIREBLOCKED OR DRAFTSTOPPED IN ACCORDANCE WITH SECTIONS 717.2 AND 717.3 AT THE PARTITION LINE. (IBC CHAPTER 7 SECTION 708.4)
- SMOKE DETECTORS ARE TO BE INSTALLED PER THE REQUIREMENTS OF THE OCCUPANCY CHAPTER OF NFPA 101 LIFE SAFETY CODE.
- CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE-RESISTANT RATED WALLS (AND CORRESPONDING FIRE RESISTANCE RATING) INCLUDING FIRE BARRIER WALLS, SMOKE BARRIER WALLS, FIRE PARTITIONS, FIRE WALLS AND SHAFT ENCLOSURES EITHER BY INSTALLING SIGNS OR BY STENCILING IN CONCEALED SPACES THE FOLLOWING: () HOUR FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS. IDENTIFICATION SHALL BE SPACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND (IFC SECTION 703.5 OF THE GA STATE AMENDMENTS).
- AT ALL WALL TO CEILING/ROOF STRUCTURE JOINTS, AT FIRE RATED ASSEMBLIES PROVIDE ACRYLIC FIRE STOP SEALANT - REFER TO SPECIFICATIONS.
- MATERIALS EXPOSED WITHIN PLENUMS ARE REQUIRED TO BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E 84 EXCEPT FOR TESTED AND LABELED WIRING, FIRE SPRINKLER PIPING, PNEUMATIC TUBING, AND ELECTRICAL EQUIPMENT.
- RECESSED FIXTURES SHALL BE INSTALLED SUCH THAT THE REQUIRED FIRE-RESISTANCE RATING IS NOT REDUCED.
- DURING ITS SWING, ANY DOOR IN A MEANS OF EGRESS SHALL LEAVE NOT LESS THAN ONE-HALF OF THE REQUIRED WIDTH OF AN AISLE, CORRIDOR, PASSAGEWAY, OR LANDING UNOBSTRUCTED AND SHALL NOT PROJECT MORE THAN 7 IN. INTO THE REQUIRED WIDTH OF AN AISLE, PASSAGEWAY, OR LANDING, WHERE FULLY OPEN. DOORS SHALL NOT OPEN DIRECTLY ONTO A STAIR WITHOUT A LANDING. THE LANDING SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR. (NFPA 101 CHAPTER 7 SECTION 7.2.1.4.4)

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JACKSON COUNTY FLEET MAINT. & PUBLIC WORKS FACILITY

HENDRIX DRIVE,
JEFFERSON, GA 30549

PROJECT

LIFE SAFETY AND CODE NOTES

CHECKED BKS
DRAWN RGB
PPI

SHEET TITLE

DATE: 07/18/24
 30% CONSTRUCTION DOCS

07/18/24
 DATE
 A23-131
 PROJ. NUMBER
 FILE NAME
 FILE NUMBER

RELEASE

LS1.1

FIRE RESISTANCE PROVIDED BY
GYPSUM BOARD MEMBRANE PROTECTION
(GA-610-02)

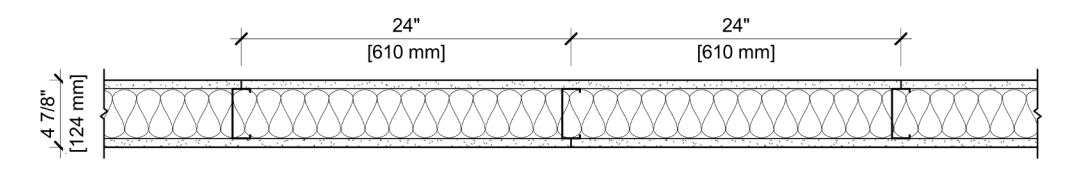
ONE-HOUR CEILING
(BASED ON GA FILE NO. FC 5406)



THE CEILING MEMBRANE CONSISTS OF TWO LAYERS OF 5/8" TYPE X GYPSUM BOARD DIRECTLY APPLIED TO FRAMING OR FURRING. THE BASE LAYER OF GYPSUM BOARD IS APPLIED AT RIGHT ANGLES TO CEILING FRAMING 24" O.C. AND ATTACHED WITH 1-1/4" TYPE W OR S DRYWALL SCREWS SPACED 24" O.C. THE FACE LAYER OF GYPSUM BOARD IS APPLIED AT RIGHT ANGLES TO THE FRAMING AND ATTACHED WITH 1-7/8" TYPE W OR S DRYWALL SCREWS 12" O.C. AT END JOINTS AND INTERMEDIATE JOINTS AND 1-1/2" TYPE G DRYWALL SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OF THE FACE LAYER ARE OFFSET 24" FROM THE BASE LAYER. FACE LAYER JOINTS AND FASTENERS ARE FINISHED TO LEVEL 1 AS SPECIFIED IN GA-214, LEVELS OF GYPSUM BOARD FINISH.

1 ONE HOUR CEILING DETAIL
LS1.2 12" = 1'-0"

DESIGN NO. UL U419
FIRE RATING: 1 HOUR
STC RATING: 49
SOUND TEST: USC-19K432
SYSTEM THICKNESS: 4.78" (124 MM)
LOCATION: INTERIOR
FRAMING TYPE: STEEL STUD (NONLOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSUM PANELS: ONE LAYER 5/8" (15.9 MM) SHEETROCK® GYPSUM PANEL (UL TYPE SCX)
STEEL STUDS: 3-5/8" (92 MM) STEEL STUDS, EQ25 (Ø 0.15"), 24" (610 MM) O.C.
INSULATION: 3-1/2" (89 MM) FIBERGLASS INSULATION
GYPSUM PANELS: ONE LAYER 5/8" (15.9 MM) SHEETROCK® GYPSUM PANEL (UL TYPE SCX)

GENERAL WALL NOTES:
1. REFER TO APPLICABLE CODES REQUIREMENTS TO ENSURE COMPLIANCE PRIOR TO CONSTRUCTION.
2. FOR THE MOST UP-TO-DATE DETAILS, INCLUDING CONSTRUCTION VARIATIONS, REFER TO THE PUBLISHED DESIGN.
3. WHERE DESIGN NO. INDICATES 'PER', THE FIRE RATING IS BASED ON LABORATORY TEST DATA OF THE REFERENCED SIMILARLY CONSTRUCTED ASSEMBLIES.
4. STUD SIZES AND INSULATION THICKNESS ARE MINIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
5. STUD AND FASTENER SPACINGS ARE MAXIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
6. PANEL ORIENTATION SHALL BE AS SPECIFIED IN THE PUBLISHED DESIGN.
7. FIRE RATINGS ARE FROM BOTH SIDES UNLESS OTHERWISE STATED.
8. FIRE RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, DECREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH.
9. WHERE ACOUSTICAL PERFORMANCE IS PROVIDED IN AN ESTIMATED RANGE, THE VALUES ARE BASED ON LABORATORY TEST DATA OF SIMILARLY CONSTRUCTED ASSEMBLIES.
10. SOUND RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, INCREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH. MODIFICATIONS MUST NOT EXCEED LIMITATIONS OF FIRE RATING.

UL U419

ISSUE RECORD:
Revision Date: 10/05/2021 11:49:22 PM
SHEET INFORMATION:
SN-P-1-02

2 UL U419
LS1.2 12" = 1'-0"

System No. C-AJ-2141
F Rating - 3 Hr
T Rating - 2 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft

1. Floor or Wall Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 6 in. (152 mm). See Concrete Blocks* (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrants - One nonmetallic pipe or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between the pipe or conduit and the periphery of the opening shall be min 1/2 in. (13 mm) to max 2 in. (51 mm). The pipe or conduit to be rigidly supported on both sides of floor or wall. The following types and sizes of pipes or conduits may be used:
A. Polyvinyl Chloride (PVC) Pipe - Nom 3 in. (76 mm) diam (or smaller) Schedule 40 PVC pipe for use in closed (process or supply) piping systems.
B. Chlorinated Polyvinyl Chloride (CPVC) Pipe - Nom 3 in. (76 mm) diam (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) piping systems.
3. Firestop System - The firestop system shall consist of the following:
A. Forming Material* - Min 2-1/2 in. (64 mm) thickness of forming material foamed into opening as a permanent form. Forming material to be recessed from top surface of floor or from both surfaces of wall to accommodate the required thickness of fill material. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CF812 or CF-AS CJP Foam Sealant
B. Fill, Void or Cavity Material* - Sealant - Min 2 in. (51 mm) thickness of fill material applied with annulus flush with top surface of floor or within both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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3 UL DETAIL: C-AJ-2141
LS1.2 NOT TO SCALE

System No. C-AJ-1609
ANSI/UL1479 (ASTM E814) CANULC S115
F Rating - 2 Hr
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft
W Rating - Class 1 (See Item 4)
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft

1. Floor or Wall Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*.
2. Nonmetallic Sleeves - Nom 6 in. (152 mm) diam (or smaller) Sch 40 polyvinyl chloride (PVC) pipe cast or grouted into floor or wall assembly, flush with floor or wall surface.
3. Through Penetrant - One metallic pipe or tube to be installed either concentrically or eccentrically within the firestop system. Pipe or tube to be rigidly supported on both sides of floor or wall assembly. The annular space shall be min 0 in. (point contact) to max 2-7/8 in. (73 mm). The following types and sizes of metallic pipes or tubing may be used:
A. Steel Pipe - Nom 4 in. (102 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
B. Iron Pipe - Nom 4 in. (102 mm) diam (or smaller) cast or ductile iron pipe.
C. Conduit - Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing or steel conduit.
D. Copper Tubing - Nom 3 in. (76 mm) diam (or smaller) Type L (or heavier) copper tubing.
E. Copper Pipe - Nom 3 in. (76 mm) diam (or smaller) Regular (or heavier) copper pipe.
4. Firestop System - The firestop system shall consist of the following:
A. Packing Material - Min 4 in. (102 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into sleeved opening as a permanent form. Packing material to be recessed from top end of sleeve for floors or from both ends of sleeve for walls to accommodate the required thickness of fill material.
B. Fill, Void or Cavity Material* - Sealant - Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with the top end of the sleeve for floors or with both ends of the sleeve for walls. Min 1/2 in. (13 mm) thick bead of sealant to be installed around pipe at interface with sleeve at point contact installations. W Rating applies only when FS-ONE MAX Intumescent Sealant is used. An additional film of sealant shall be applied over the sleeve lapping at least 1/2 in. (13 mm) onto top surface of floor or both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP606 Sealant, FS-ONE Sealant or FS-ONE MAX Intumescent Sealant.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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4 UL DETAIL: C-AJ-1609
LS1.2 NOT TO SCALE

System No. C-AJ-2109
F Ratings - 2 and 3 Hr (See Item 3)
T Ratings - 0, 2 and 3 Hr (See Items 2 and 3)
W Rating - Class 1 (See Items 2, 3 and 4)
L Rating At Ambient - Less Than 1 CFM/Sq Ft (See Item 4)
L Rating At 400 F - Less Than 1 CFM/Sq Ft (See Item 4)

1. Floor or Wall Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 12 in. (305 mm). See Concrete Blocks* (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Steel Sleeve - (Optional) - Nom 12 in. (305 mm) diam (or smaller) Schedule 40 (or heavier) steel pipe cast or grouted into floor or wall assembly, flush with floor or wall surface a max of 3 in. (76 mm) above the floor. If the steel sleeve extends above the floor, the T Rating of the firestop system is 0 Hr and a min 1/2 in. (13 mm) annular space is required between the through penetrant (Item 3) and the periphery of the opening. The W Rating does not apply when the steel sleeve is used.
3. Through Penetrants - One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. For max 6 in. (152 mm) diam pipes, the annular space between the pipe and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 1/2 in. (13 mm). For nom 8 in. (203 mm) and 10 in. (254 mm) diam pipes, the annular space between the pipe and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 1-1/4 in. (32 mm). If the steel sleeve extends above the floor (Item 2), a min 1/2 in. (13 mm) annular space is required between the through penetrant (Item 3) and the periphery of the opening. Pipe to be rigidly supported on both sides of floor or wall assembly. For systems with a W Rating, the max annular space is 1/2 in. (13 mm). The T Ratings are dependent on the size and/or type of pipe as shown in the table below. The following types and sizes of nonmetallic pipes may be used:
A. Polyvinyl Chloride (PVC) Pipe - Nom 10 in. (254 mm) diam (or smaller) Schedule 40 solid core or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. For systems with a W Rating, the nom diam of pipe shall not exceed 6 in. (152 mm).
B. Chlorinated Polyvinyl Chloride (CPVC) Pipe - Nom 10 in. (254 mm) diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems. For systems with a W Rating, the nom diam of pipe shall not exceed 6 in. (152 mm).
C. Acrylonitrile Butadiene Styrene (ABS) Pipe - Nom 6 in. (152 mm) diam (or smaller) Schedule 40 solid-core or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
D. Flame Retardant Polypropylene (FRPP) Pipe - Nom 6 in. (152 mm) diam (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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System No. C-AJ-2109

Pipe Type	Nom Pipe Diam, In. (mm)	F Rating Hr
PVC, CPVC	Greater than 6 (152)	2
PVC, CPVC, ABS, FRPP	6 (152) or smaller	3
Pipe Type	Nom Pipe Diam, In. (mm)	T Rating Hr
PVC, CPVC, ABS, FRPP	1-1/2, 2, 3 (38, 51, 76)	2
PVC, CPVC, ABS, FRPP	4 (102)	3
PVC, CPVC, ABS+, FRPP	6 (152)	3
PVC, CPVC	Greater than 6 (152)	0
ABS++	6 (152)	0

+ Indicates solid core ABS only
++ Indicates cellular core ABS only

4. Fill, Void or Cavity Material* - Sealant - Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top or bottom surface of floor or both surfaces of wall. Sealant is optional for pipes having a max diam of 6 in. (152 mm) in unseamed openings. For systems with W Rating and/or L Rating, min 1/2 in. (13 mm) thickness of CP 601S, CFS-S SIL GG, CFS-S SIL SL (floors only) Sealant shall be applied within the annulus, flush with top or bottom surface of floor. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE MAX Intumescent Sealant, CP 601S Sealant, CFS-S SIL GG, CFS-S SIL SL (floors only) Sealant
4A. Packing Material - (Not Shown) - Min 1/2 in. (13 mm) thickness of 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into annular space and recessed from the top surface of floor to accommodate the required thickness of fill material. Required only when CP 604 Sealant is used.
5. Firestop Device* - Firestop Collar - Firestop collar shall be installed in accordance with the accompanying installation instructions. Collar to be installed and latched around the pipe and secured to underside of floor or both sides of wall using the anchor hooks provided with the collar. Minimum two anchor hooks for nom 1-1/2 and 2 in. (38 and 51 mm) diam pipes. Minimum three anchor hooks required for nom 3 and 4 in. (76 and 102 mm) diam pipes. Minimum four anchor hooks required for nom 6 in. (152 mm) diam pipes. Minimum ten anchor hooks required for nom 8 in. (203 mm) diam pipes. Minimum twelve anchor hooks required for nom 10 in. (254 mm) diam pipes. The anchor hooks are to be secured with min 1/4 in. (6 mm) diam by min 1-1/4 in. (32 mm) long steel expansion bolts or min 0.145 in. (3.7 mm) diam by 1-1/4 in. (32 mm) long powder actuated fasteners utilizing a 1-7/16 in. (37 mm) diam by 1/16 in. (1.6 mm) thick steel washer. As alternatives to the anchors specified above, Hilti 1/4 in. (6 mm) diam by 1-1/4 in. (32 mm) long KWIK-CON-In concrete screw anchor, Hilti 1/4 in. (6 mm) diam by 1-3/4 in. (45 mm) long KWIK-BOLT 3 steel expansion anchor or Hilti X-DNI 27 P8 S15 powder actuated floor pin with integral nom 9/16 in. (15 mm) diam washer may be used. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 643N 501.5', CP 643N 632', CP 643N 903', CP 643N 1104', CP 643 1606', CP 644-200/8' US or CP 644-250/10' US Firestop Collar

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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5 UL DETAIL: C-AJ-2109
LS1.2 NOT TO SCALE

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LIFE SAFETY AND CODE NOTES

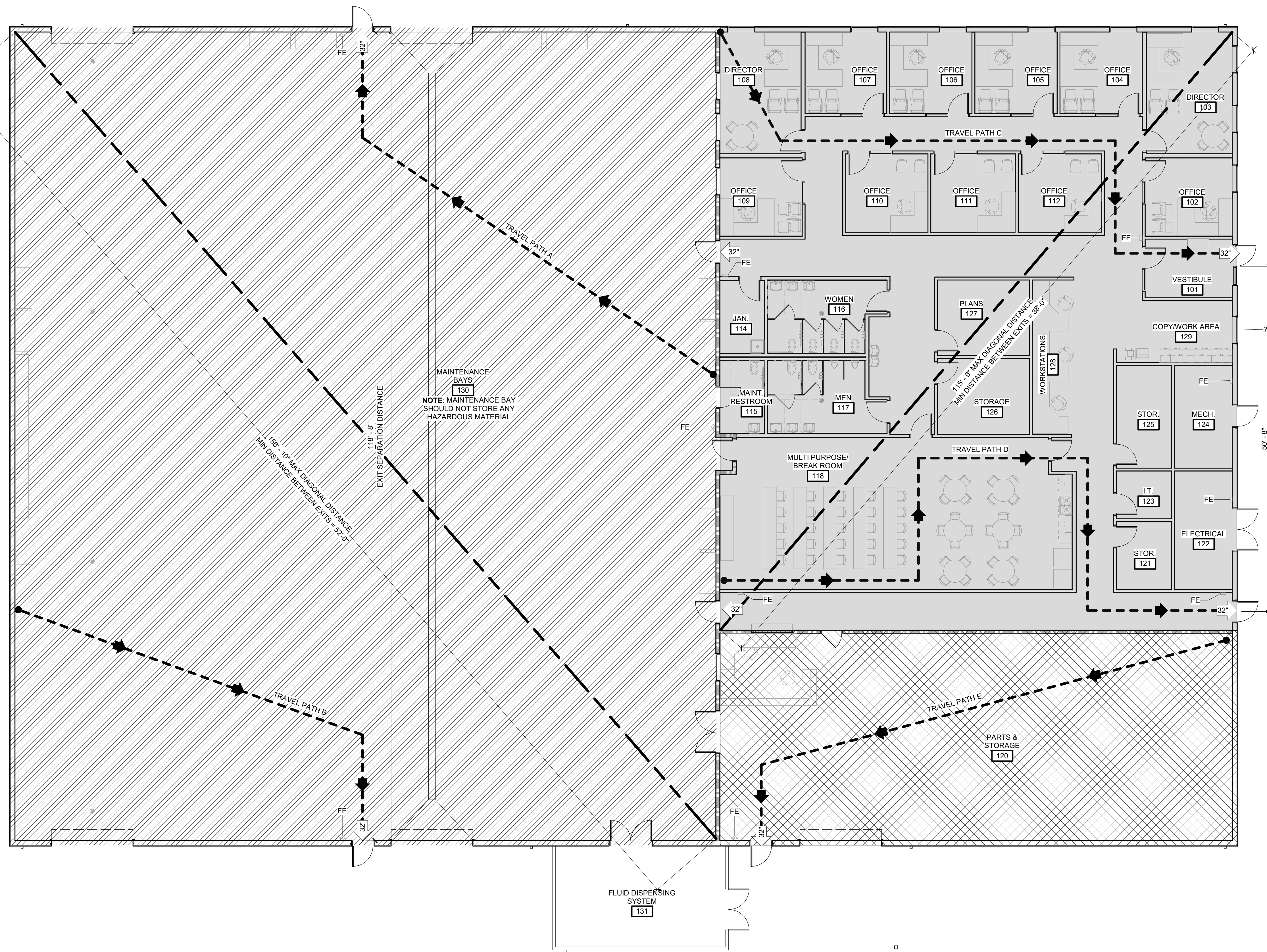
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DRAWN RBG
CHECKED BKS

DATE: 07/18/24
NO. DESCRIPTION: 30 % CONSTRUCTION DOCS

07/18/24 DATE
A23-131 PROJ. NUMBER
FILE NAME
FILE NUMBER

LS1.2

STAMP
PROJECT
SHEET TITLE
RELEASE



1 Life Safety Plan
LS2.1 1/8" = 1'-0"

Life Safety Legend and Notes

- DENOTES WIDTH OF EGRESS PROVIDED AT EXIT OPENING.
- F.E. DENOTES SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER. REFER TO LS2.1 FOR ADDITIONAL INFORMATION.
- F.E. DENOTES SEMI RECESSED FIRE EXTINGUISHER CABINET. REFER TO LS2.1 FOR ADDITIONAL INFORMATION.
- DENOTES EGRESS TRAVEL DIRECTION AND TOTAL DISTANCE.

- NOTES**
- REFER TO FIRE-RATED ASSEMBLY LEGEND THIS SHEET AND REFERENCE FLOOR PLANS FOR PARTITION ASSEMBLY AND HEIGHT REQUIREMENTS.
 - CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE-RESISTANT RATED WALLS (AND CORRESPONDING FIRE RESISTANCE RATING) INCLUDE FIRE BARRIER WALLS, SMOKE BARRIER WALLS, FIRE PARTITIONS, FIRE WALLS AND SHAFT ENCLOSURES EITHER BY INSTALLING SIGNS OR BY STENCILING IN CONCEALED SPACES THE FOLLOWING: () HOUR FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS, IDENTIFICATION SHALL BE SPACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND
 - THE PARTITION HATCH PATTERNS INDICATED ON THIS SHEET APPLY ONLY TO THIS SHEET.
 - REFER TO DOOR AND WINDOWS REFERENCE PLANS FOR RATED OPENING TYPES
 - REQUIRED FIRE EXTINGUISHERS
 BUSINESS = 1 PER 75 FEET OR 1 IN 3000 SF
 6,710 SF = 2 REQUIRED, **3 PROVIDED**
 STORAGE = 1 PER 75 FEET OR 1 IN 3000 SF
 12,435 SF = 4 REQUIRED, **6 PROVIDED**
 HAZARD = 1 PER 75 FEET OR 1 IN 3000
 2388 SF = 1 REQUIRED, **2 PROVIDED**

Fire-Rated Assembly Legend

SYMBOL	ASSEMBLY	FIRE RATING	UL LISTING
	REFER TO PARTITION SCHEDULE	(1) HOUR	REFER TO UL DETAIL U309

Occupancy Load Tabulation

CLASSIFICATION	AREA	NO. OF OCCS
STORAGE (S-1) 300 SQ FT PER OCC	12,435 SQ. FT.	41
BUSINESS (B) 150 SQ FT PER OCC	6,710 SQ. FT.	48
HAZARD (H-2) 100 SQ FT PER OCC	2,388 SQ. FT.	24
TOTAL OCCUPANT LOAD	21,533 SQ. FT.	113
TOTAL DOOR EGRESS WIDTH REQUIRED 2 X 118 = 22.6" MIN		
TOTAL DOOR EGRESS WIDTH PROVIDED 7 DOORS AT 32.8" EACH		

Code Review Notes

- PER 2018 IBC TABLE 508.4 THE REQUIRED SEPERATION OF A STORAGE OCCUPANCY IS 1 HOUR.
- REFER TO ELECTRICAL SET FOR EMERGENCY AND EXIT LIGHTING LOCATIONS.

Occupancy Legend

	BUSINESS (B)		STORAGE (S-1)
	INDUSTRIAL HIGH HAZARD (H-2)		

Path of Egress - Travel Distance

PATH	TOTAL DISTANCE
TRAVEL PATH A	77' - 7"
TRAVEL PATH B	69' - 3"
TRAVEL PATH C	101' - 5"
TRAVEL PATH D	115' - 3"
TRAVEL PATH E	82' - 6"

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**LIFE SAFETY
PLAN, NOTES
AND DETAILS**

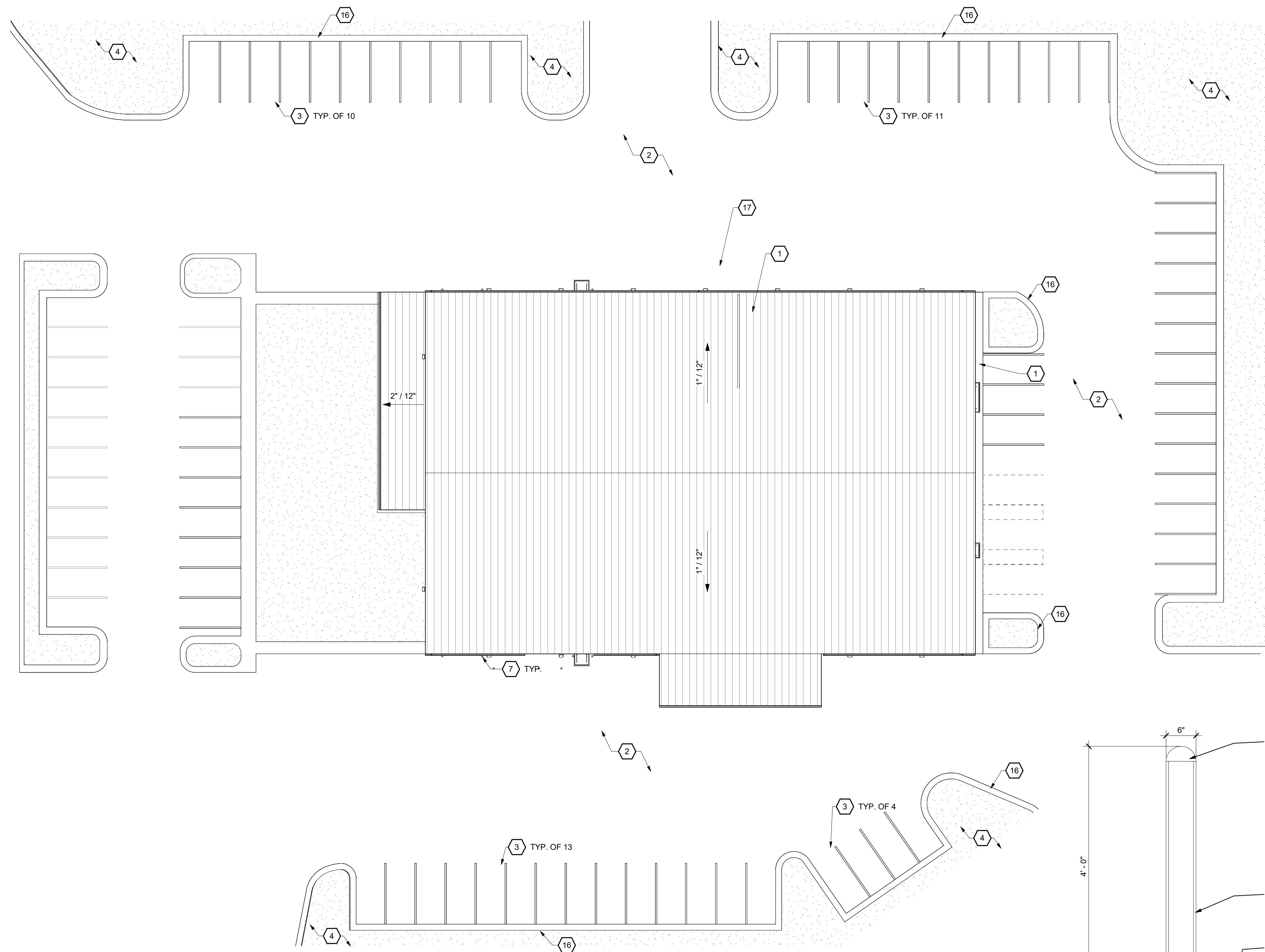
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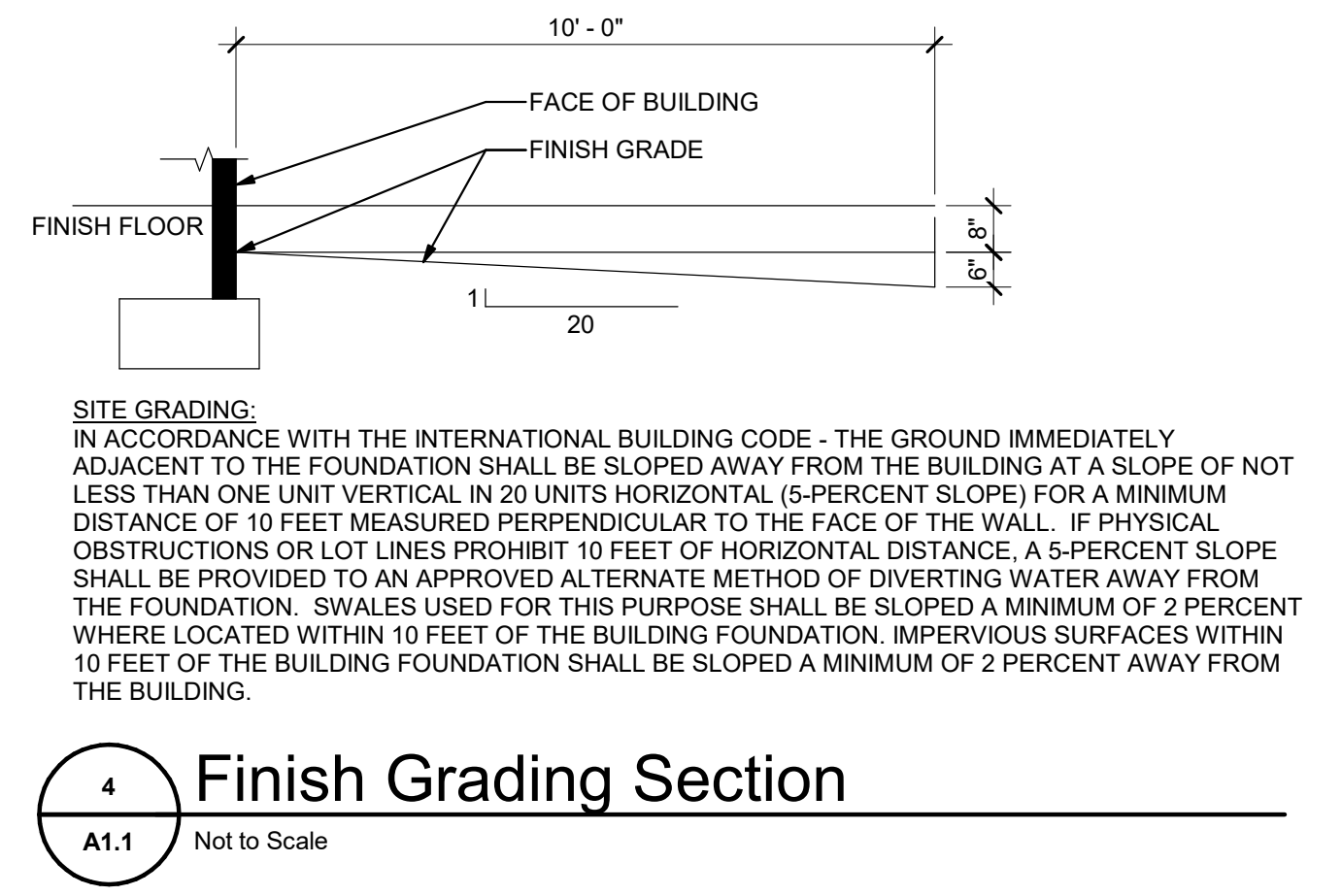
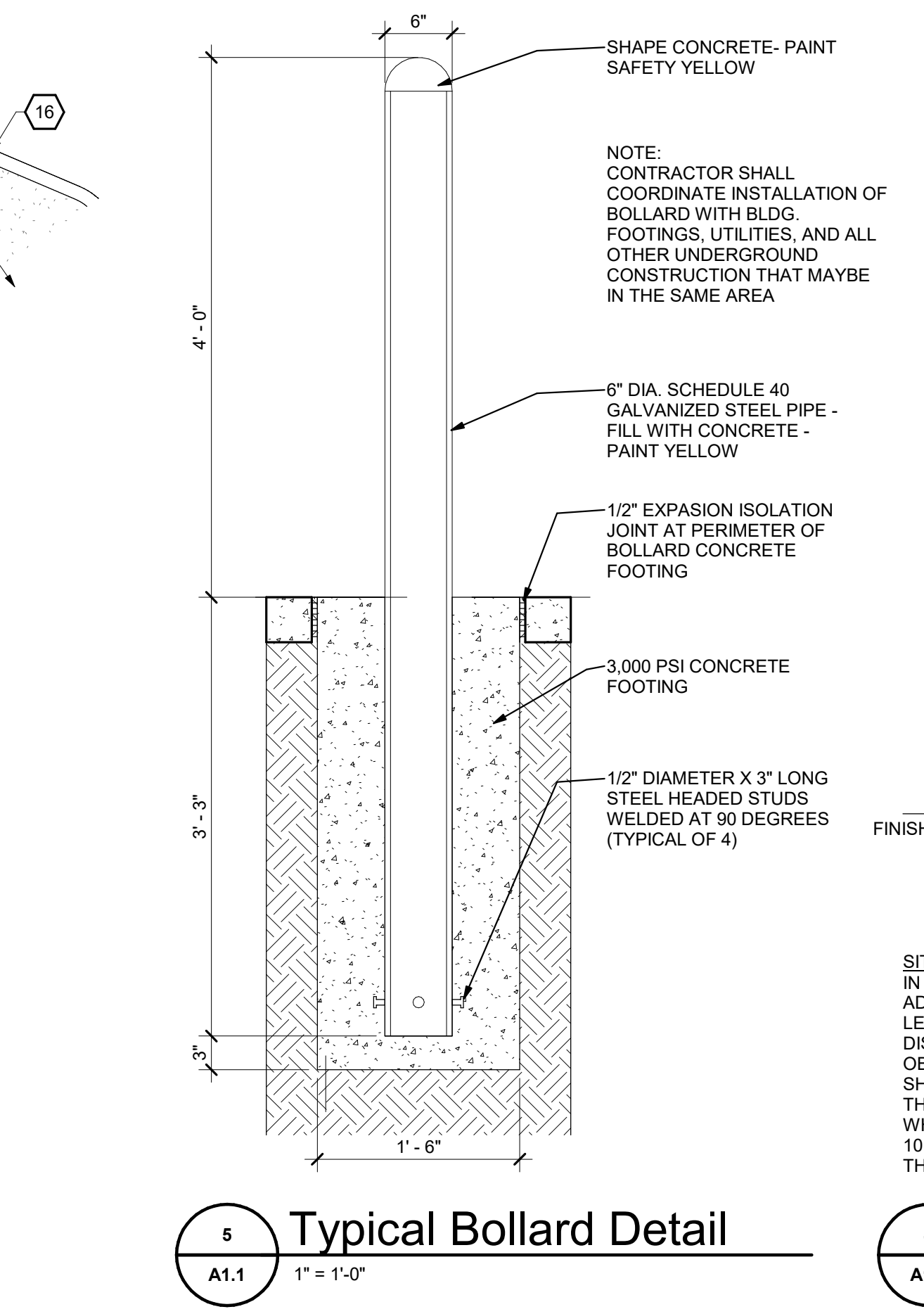
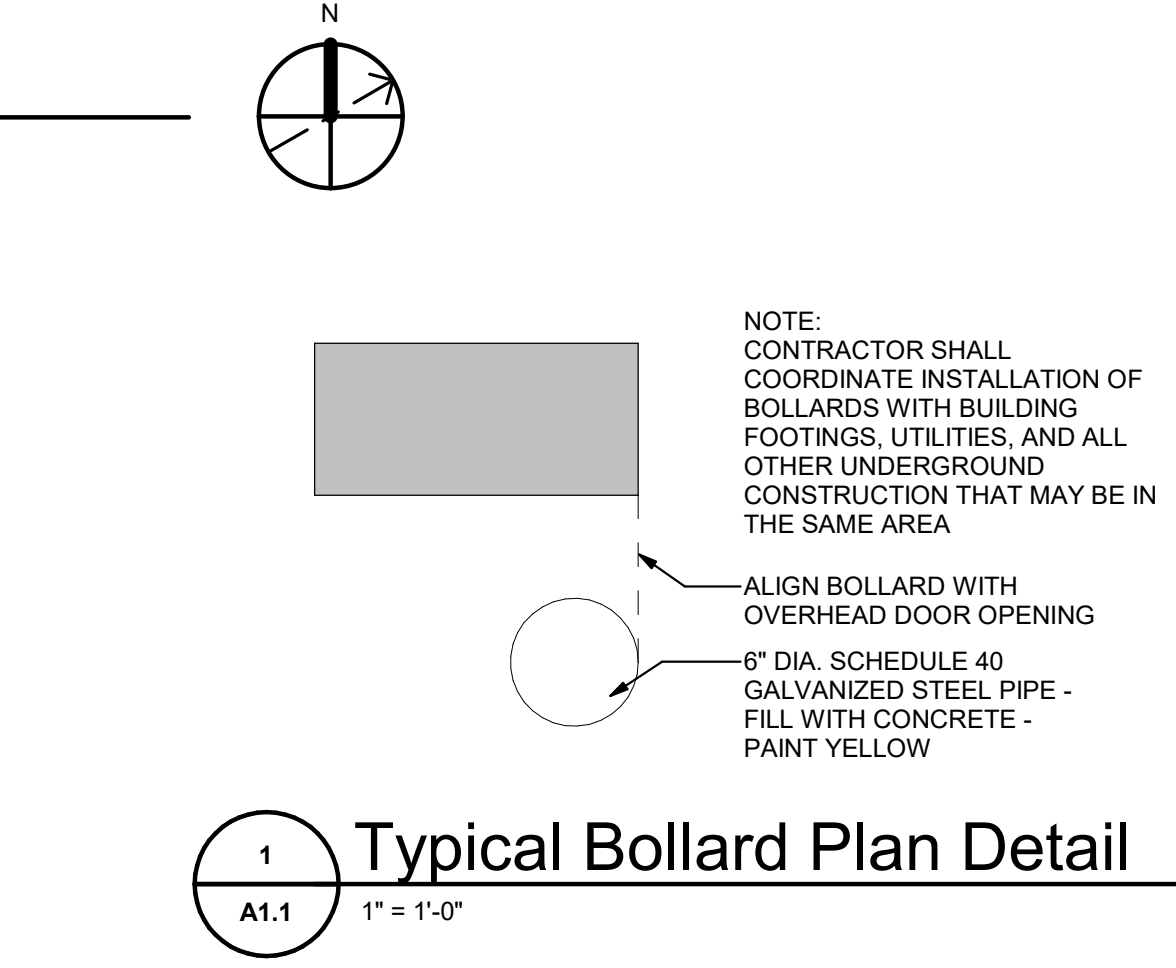
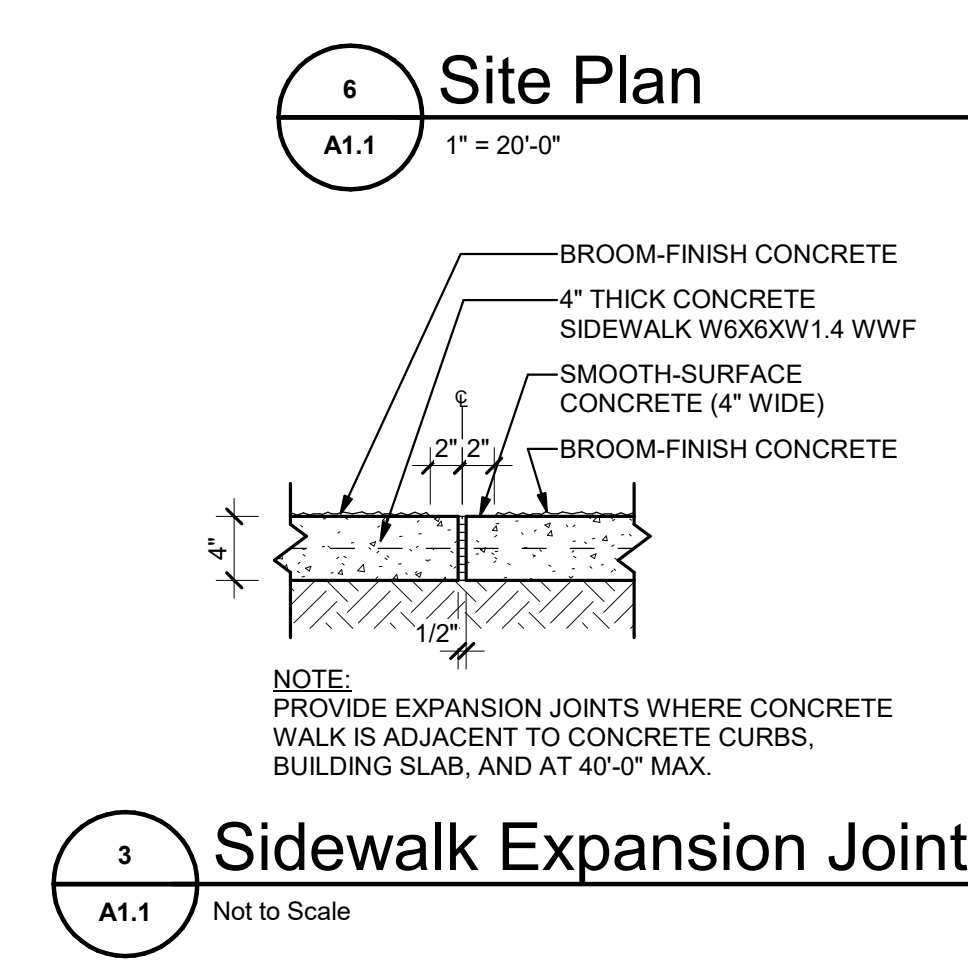
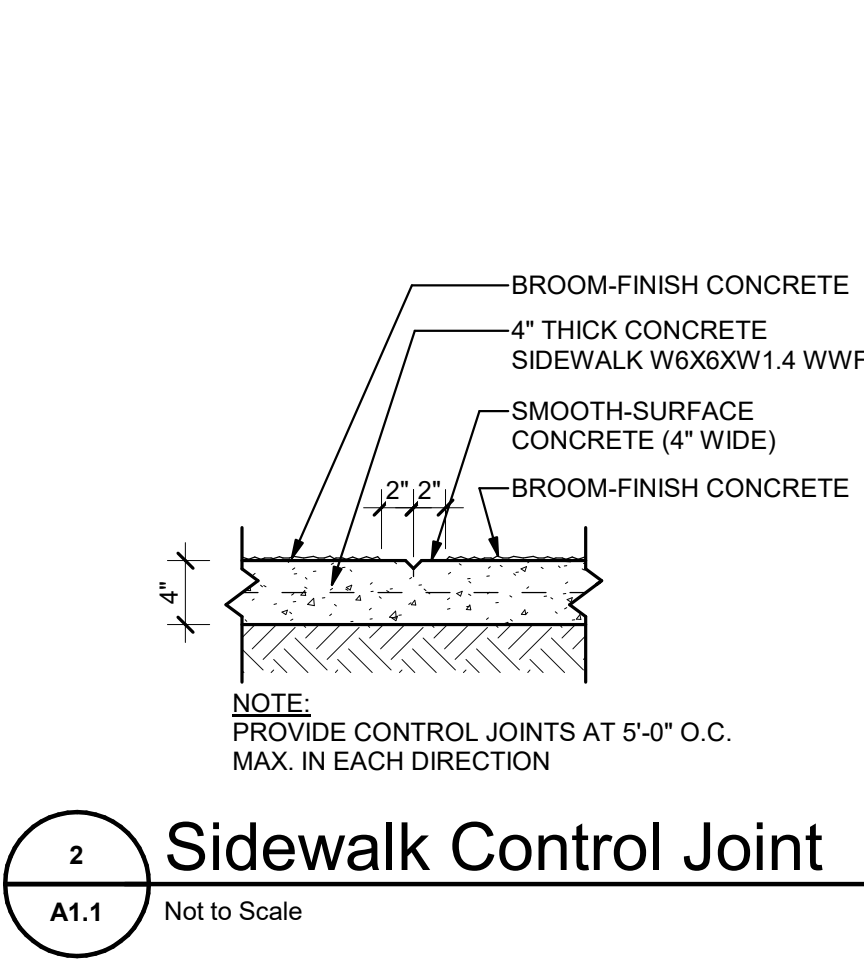
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LS2.1



- ### Plaza General Notes
- THE EXISTENCE AND LOCATION OF SITE IMPROVEMENTS, UTILITIES, AND OTHER CONSTRUCTION INDICATED AS EXISTING ARE NOT GUARANTEED. BEFORE BEGINNING WORK, INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF ITEMS AFFECTING THE WORK.
 - BEFORE CONSTRUCTION, VERIFY THE LOCATION AND POINTS OF CONNECTION OF ALL UTILITY SERVICES.
 - BEFORE CONSTRUCTION, VERIFY THE LOCATION AND INVERT ELEVATION AT POINTS OF CONNECTION OF SANITARY SEWER, STORM SEWER, AND WATER-SERVICE PIPING AND UNDERGROUND ELECTRICAL SERVICES.
 - REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS: IMMEDIATELY ON DISCOVERY OF THE NEED FOR CLARIFICATION OF THE CONTRACT DOCUMENTS, SUBMIT A REQUEST FOR INFORMATION TO ARCHITECT. INCLUDE A DETAILED DESCRIPTION OF PROBLEM ENCOUNTERED, TOGETHER WITH RECOMMENDATIONS FOR CHANGING THE CONTRACT DOCUMENTS.
 - CONTRACTOR SHALL COORDINATE ANY INTERFERENCES WITH NEW UNDERGROUND UTILITIES INCLUDING BUT NOT LIMITED TO: POWER, TELEPHONE, WATER, SEWER, GAS, STORM DRAINAGE, FUEL LINES, GREASE TRAPS, FUEL TANKS, FIBER OPTIC, CABLE TV, ETC.
 - CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO NEW AND EXISTING DISTURBED ITEMS TO MATCH FINAL OR FINISH GRADE OF PAVEMENT, SWALES, SIDEWALKS, OR LANDSCAPED AREAS. ITEMS INCLUDE BUT ARE NOT LIMITED TO: VALVE BOXES, MANHOLE CASTINGS, SEWER, POWER, TELEPHONE, DRAINAGE, FIBER OPTIC, ANTENNA CABLE, AND DRAINAGE INLETS, ETC.
 - CONTRACTOR SHALL COORDINATE DOWNSPOUTS WITH NEW CONSTRUCTION AND GRADES. DOWNSPOUTS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING, AND SHALL DISCHARGE ONTO SPLASHBLOCKS WHERE NOT PIPED INTO STORM LEADER.
 - ALL FINISH GRADES SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS. REFER TO DETAIL 5/A0.0.
 - PROVIDE EXPANSION JOINTS WHERE CONCRETE WALK IS ADJACENT TO CONCRETE CURBS, BUILDING SLAB, AND AT 40'-0" MAX.

- ### Plaza Plan Keynotes
- 1 4" THICK 3000 PSI CONCRETE SIDEWALK WITH 6X6XW1.4 WWF.
 - 2 ASPHALT PAVING - REFER TO CIVIL.
 - 3 4" WHITE PARKING STRIPING - REFER TO CIVIL.
 - 4 GRASSING, GROUND COVER, AND/OR LANDSCAPING - REFER TO CIVIL.
 - 5 CONCRETE WHEEL STOP
 - 6 ADA SIDEWALK RAMP - REFER TO CIVIL.
 - 7 8" STEEL BOLLARD FILLED WITH CONCRETE - PAINTED SAFETY YELLOW -REFER 4/A0.0 FOR TYPICAL BOLLARD DETAIL
 - 8 4" YELLOW SAFETY STRIPING.
 - 9 CONCRETE EQUIPMENT PAD FOR HVAC - REFER TO MECHANICAL AND DETAIL
 - 10 NOT USED
 - 11 NOT USED
 - 12 CONCRETE EQUIPMENT PAD FOR GATE CONTROLLER. GENERAL CONTRACTOR TO COORDINATE EQUIPMENT SIZE WITH OWNER. GENERAL CONTRACTOR TO PROVIDE 1" CONDUIT FROM PAD TO WAREHOUSE - REFER TO ELECTRICAL
 - 13 CONCRETE EQUIPMENT PAD FOR TRANSFORMER. GENERAL CONTRACTOR TO COORDINATE PAD SIZE AND LOCATION WITH LOCAL POWER COMPANY
 - 14 PAINTED TRAFFIC ARROW PER DEPARTMENT OF TRANSPORTATION TYPE I STANDARD
 - 15 CHAIN-LINK FENCE WITH PRIVACY SLATS IN PANELS PARALLEL TO ROADWAY - REFER TO CIVIL
 - 16 CONCRETE CURB AND GUTTER - REFER TO CIVIL
 - 17 ADA PARKING SPACE WITH WHITE STRIPING AND BLUE ADA PARKING GRAPHIC WITH WHITE SYMBOL - REFER TO CIVIL



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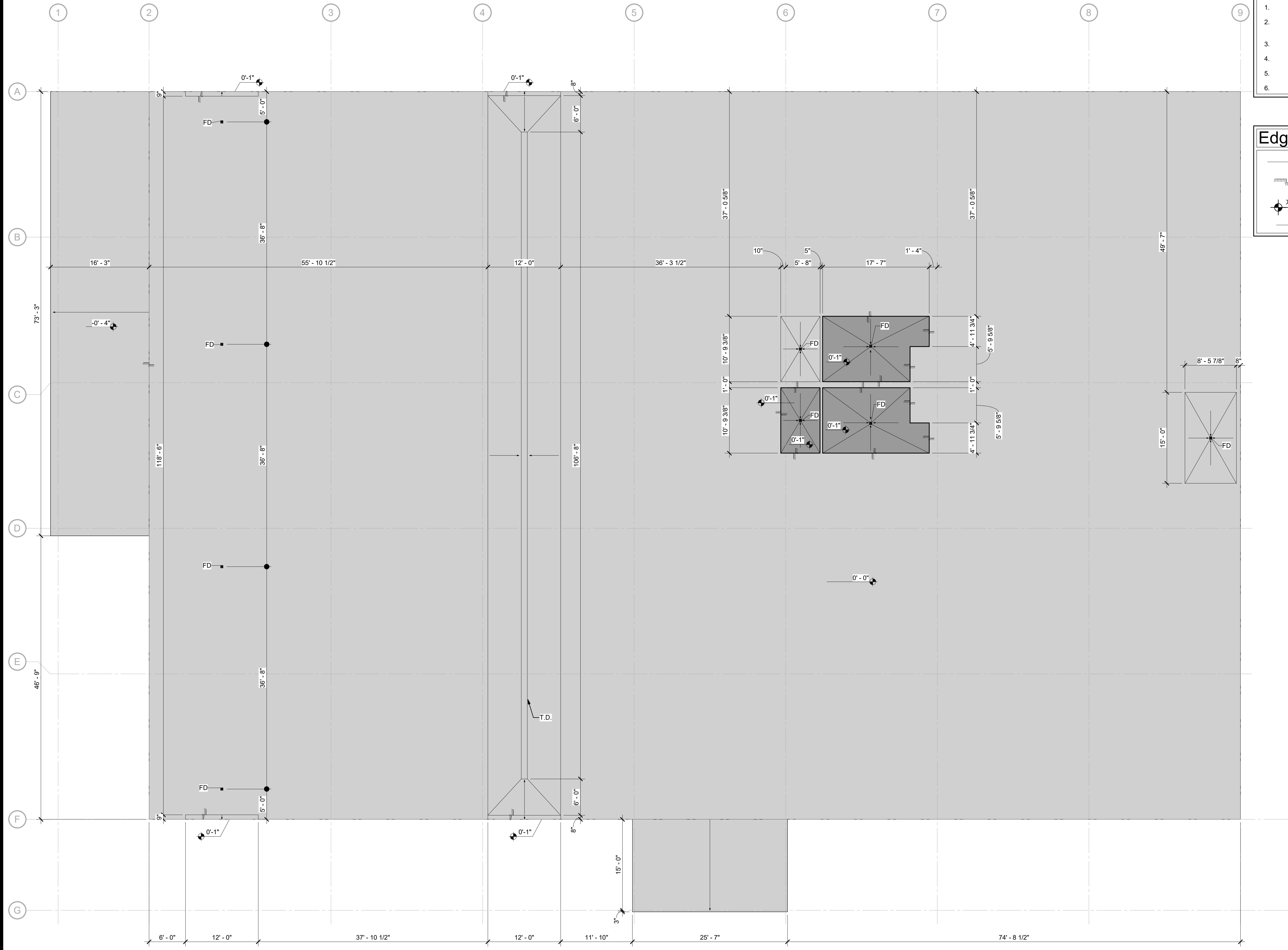
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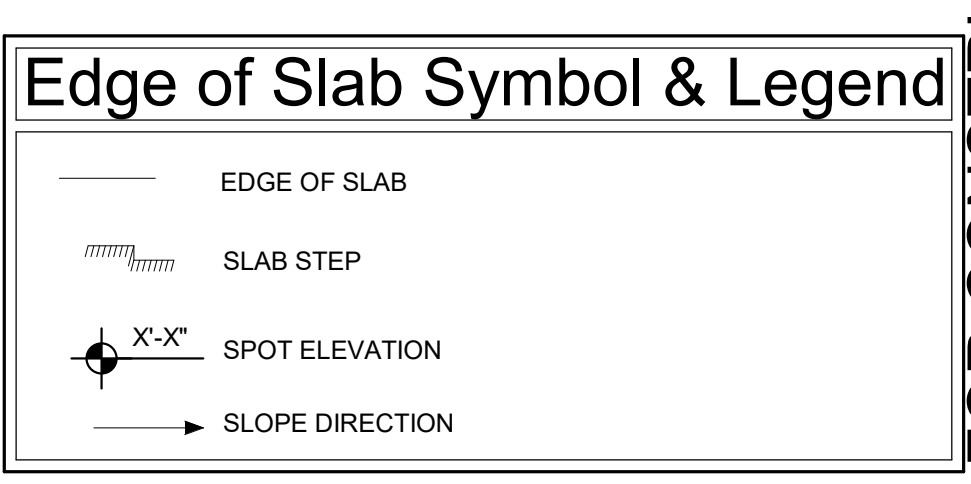
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A1.1



1 Edge of Slab Plan
 A2.0 1/8" = 1'-0"

- ### Edge of Slab General Notes
1. ALL SLOPES TO BE 1/4" PER FT U.N.O.
 2. GC TO COORDINATE WITH PLUMBING ALL PIPE SIZES, FLOOR DRAINS AND LOCATIONS PENETRATING CONCRETE SLABS
 3. REFER TO STRUCTURAL FOR COLUMN SIZES
 4. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE DETAILS
 5. F.D. = FLOOR DRAIN - REFER TO PLUMBING
 6. T.D. TRENCH DRAIN - REFER TO PLUMBING



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EDGE OF SLAB PLAN	DRAWN RGB	CHECKED BKS
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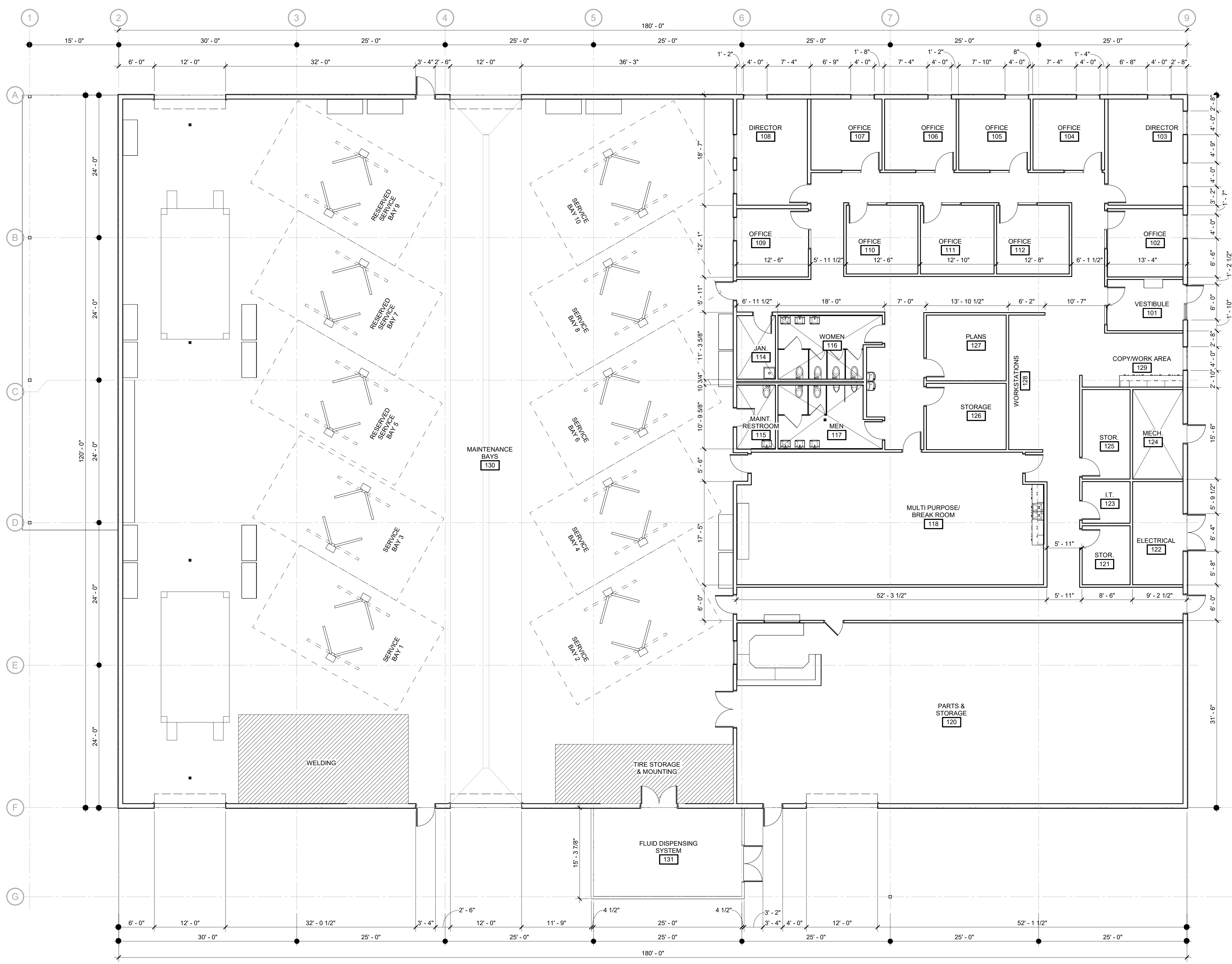
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Dimension Notes

- DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION IN WRITING FROM THE ARCHITECT PRIOR TO PROCEEDING.
- ALL DIMENSIONS SHOWN ARE REFERENCED TO FACE THE WOOD STUD, CMU, OR CONCRETE WALL.
- COLUMN LINES ARE REFERENCED TO CENTER OF COLUMNS.
- DOOR OPENINGS IN MASONRY WALLS SHALL BE LOCATED 8" FROM THE FACE OF THE PERPENDICULAR ADJACENT WALL. ALL OTHER DOORS SHALL BE LOCATED 4" FROM THE FACE OF THE PERPENDICULAR ADJACENT WALL, UNLESS OTHERWISE NOTED. DIMENSION TO OUTSIDE FACE OF FRAME.
- EXTERIOR DOORS AND WINDOWS ARE DIMENSIONED TO MASONRY OPENINGS.
- DEFINITION FOR DIMENSION PLAN ABBREVIATIONS:
E.O.S. = EDGE OF SLAB

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1 Dimension Plan
 A2.1 1/8" = 1'-0"

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DIMENSION PLAN

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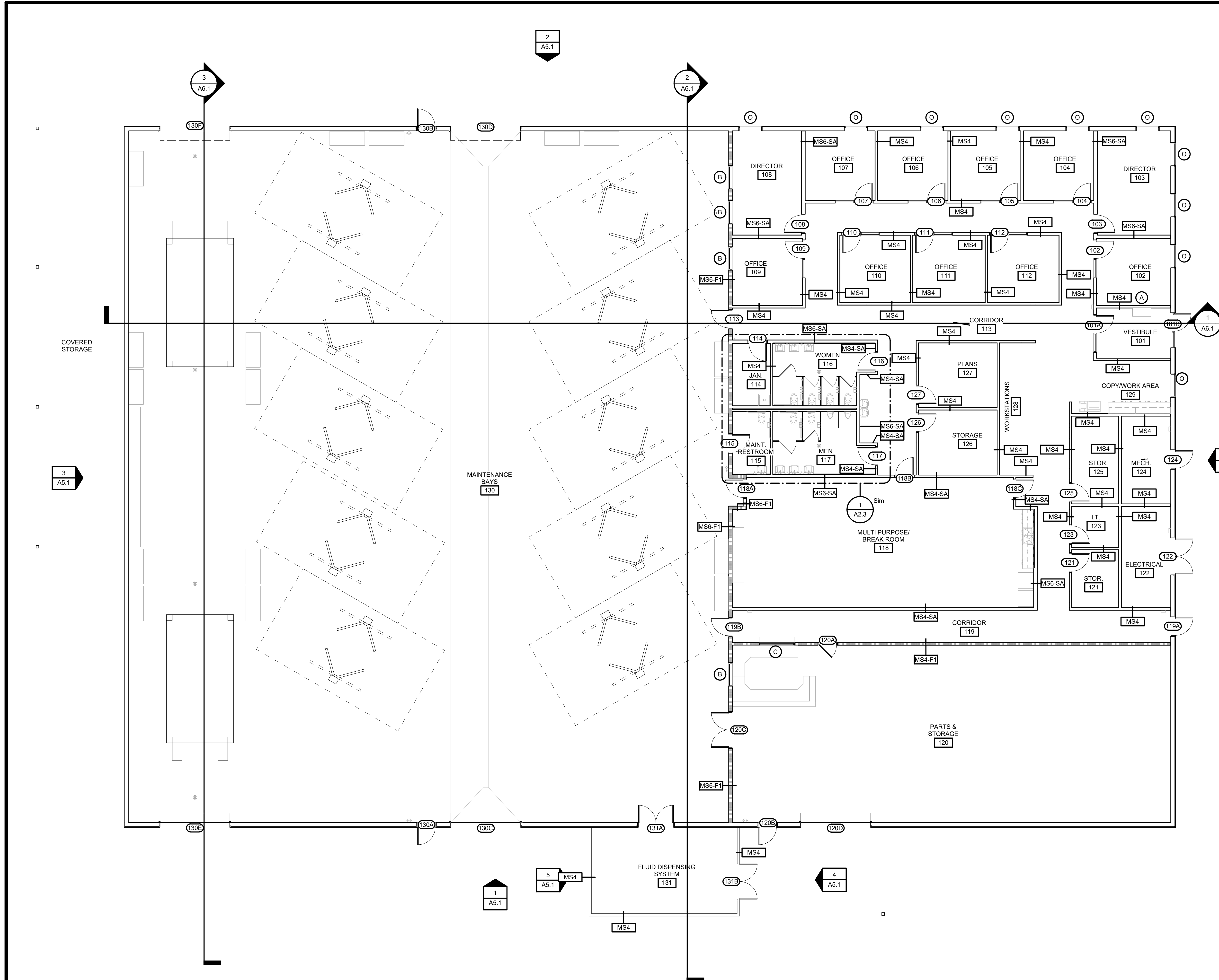
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Interior Partition Notes

- IT SHALL BE ASSUMED THAT THE PARTITION TYPE EXTENDS FROM CALLOUT THROUGH OPENINGS TO END OF PARTITION OR TO ANOTHER PARTITION TYPE.
- CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS CLEARLY INDICATING LATERAL BRACING OF WOOD STUD PARTITIONS EXCEEDING 9'-0" BUT DO NOT EXTEND TO STRUCTURE ABOVE. SHOP DRAWINGS SHALL BE PREPARED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA.
- INSTALL MOISTURE RESISTANT GYPSUM WALL BOARD IN ALL RESTROOMS, BREAK ROOMS AND JANITORIAL ROOMS.
- REFER TO SHEET A9.1 FOR DOOR AND WINDOW SCHEDULE, ELEVATIONS, AND DETAILS.
- ALL FIRE RATED WALLS SHALL EXTEND TO STRUCTURE ABOVE AND SEAL TIGHT PER UL DETAILS. REFER TO LIFE SAFETY DRAWINGS.
- FIRE RATED WALL SHALL EXTEND TO ADJACENT INTERIOR FIRE RATED WALLS OR EXTERIOR WALLS.
- REFER TO SHEETS LS.1.1 AND LS.1.2 FOR UL DETAILS.
- FLOOR SLOPES AS INDICATED IN PLAN SHALL HAVE A SLOPE 1/8" PER FOOT.
- ALL NON-RATED WALLS ENCLOSING OFFICES, CONFERENCE ROOMS, VAULT ROOMS OR RESTROOMS SHALL EXTEND TO STRUCTURE ABOVE AND SEAL TIGHT. ALL OTHER WALLS SHALL EXTEND 6" ABOVE THE SCHEDULED CEILING HEIGHT.
- ALL WOOD IN CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED.
- ALL GYPSUM BOARD SHALL BE APPLIED WITH SCREWS.
- ALL GYPSUM BOARD ABUTTING OTHER MATERIALS SHALL BE FINISHED WITH METAL EDGES.
- PROVIDE GYPSUM BOARD EXPANSION JOINTS 30" O.C. OR AS RECOMMENDED BY THE GYPSUM ASSOCIATION.
- PROVIDE TILE BACKER BOARD BEHIND ALL WALL TILES. REFER TO SPECIFICATIONS.

Partition Schedule

MS4	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.
MS4-SA	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS, WITH SOUND ATTENUATION INSULATION FILLED.
MS6-F1	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 6" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.
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MS4-F1	ONE (1) LAYER OF 5/8" FIRE RATED GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.

NOTE:
 1.) 1 HOUR RATED - REFER TO UL DETAIL U419.

1 Reference
 A2.2 1/8" = 1'-0"

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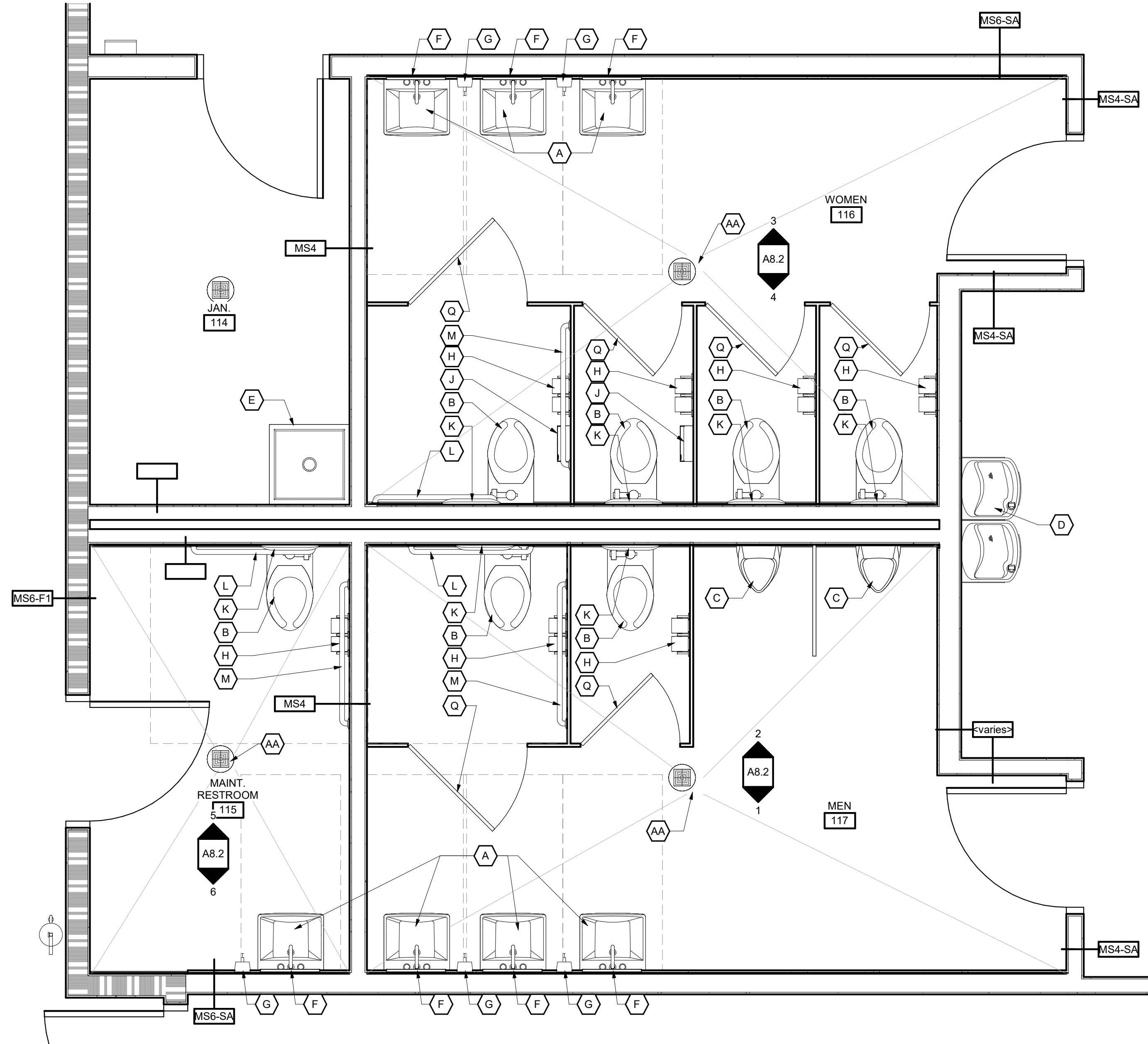
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PPI	RGB	BKS	RELEASE

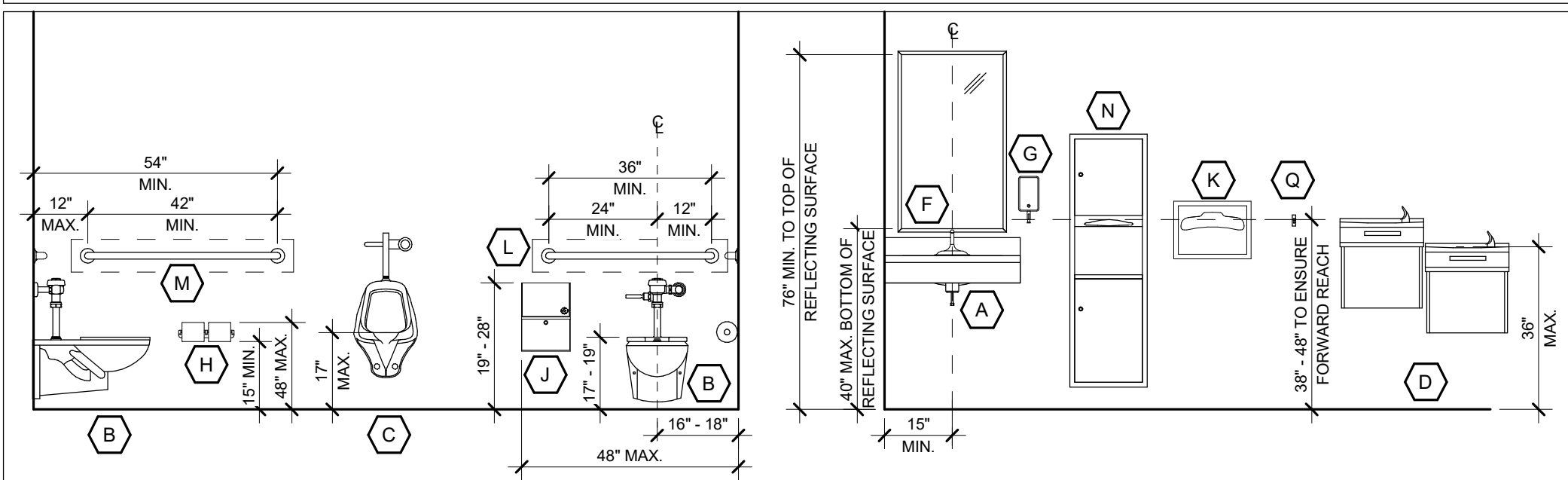
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A2.2



1 Enlarged Restroom Plan
 A2.3 1/2" = 1'-0"

Mounting Heights Legend



Keynote Legend

- A ADA COMPLIANT UNDER COUNTER MOUNTED LAVATORY - REFER TO PLUMBING DRAWINGS
- B WATER CLOSET - REFER TO PLUMBING DRAWINGS
- C WALL MOUNTED URINAL - REFER TO PLUMBING DRAWINGS
- D ADA COMPLIANT WALL HUNG HIGH-LOW WATER FOUNTAIN - REFER TO PLUMBING DRAWINGS
- E MOP SINK - REFER TO PLUMBING DRAWINGS
- F 24" X 36" MIRROR
- G LIQUID SOAP DISPENSER
- H TOILET TISSUE DISPENSER
- J NAPKIN DISPENSER
- K SURFACE MOUNTED TOILET SEAT COVER DISPENSER
- L 36" GRAB BAR
- M 42" GRAB BAR
- N SEMI-RECESSED TOWEL AND WASTE RECEPTACLE
- P FLOOR DRAIN - REFER TO PLUMBING
- Q WALL MOUNTED TOWEL HOOK TO BE PROVIDED AT TOILET PARTITION DOORS
- R ADA COMPLIANT SHOWER CONTROLS - STANDARD - REFER TO PLUMBING
- AA FLOOR DRAIN - REFER TO PLUMBING

General Notes

1. ALL EXPOSED PIPING (UNDER LAVATORIES) TO BE INSULATED OR PROTECTED.
2. PROVIDE BLOCKING IN WALLS FOR GRAB BARS AND TOILET ACCESSORIES. GRAB BARS SHALL WITHSTAND A LOAD OF 250 lbs. APPLIED IN ANY DIRECTION.
3. FIXTURE ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO PLUMBING FOR ACTUAL FIXTURE TYPES.
4. ALL ACCESSORIES SHALL BE KEYPED ALIKE.
5. ACCESSORIES SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER.
6. MOUNT SOAP DISPENSER TO DRIP ONTO COUNTER, LAVATORY, OR SOAP DISH, NOT ONTO FLOOR.
7. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBF.
8. MODEL NUMBERS FOR TOILET ROOM ACCESSORIES MANUFACTURED BY BRADLEY CORPORATION ARE LISTED TO ESTABLISH A STANDARD OF QUALITY FOR DESIGN, FUNCTION, MATERIALS, WORKMANSHIP AND APPEARANCE. OTHER MANUFACTURERS MAY BE SUBMITTED FOR EVALUATION BY THE ARCHITECT.

Partition Schedule

NO.	DESCRIPTION
MS4	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.
MS4-SA	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS, WITH SOUND ATTENUATION INSULATION FILLED
MS6-F1	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 6" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.
MS6-SA	ONE (1) LAYER OF 5/8" GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS, WITH SOUND ATTENUATION INSULATION FILLED
MS4-F1	ONE (1) LAYER OF 5/8" FIRE RATED GYPSUM WALL BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 4" METAL STUDS AT 16" O.C. WITH 1" TYPE "S" SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS.

NOTE:
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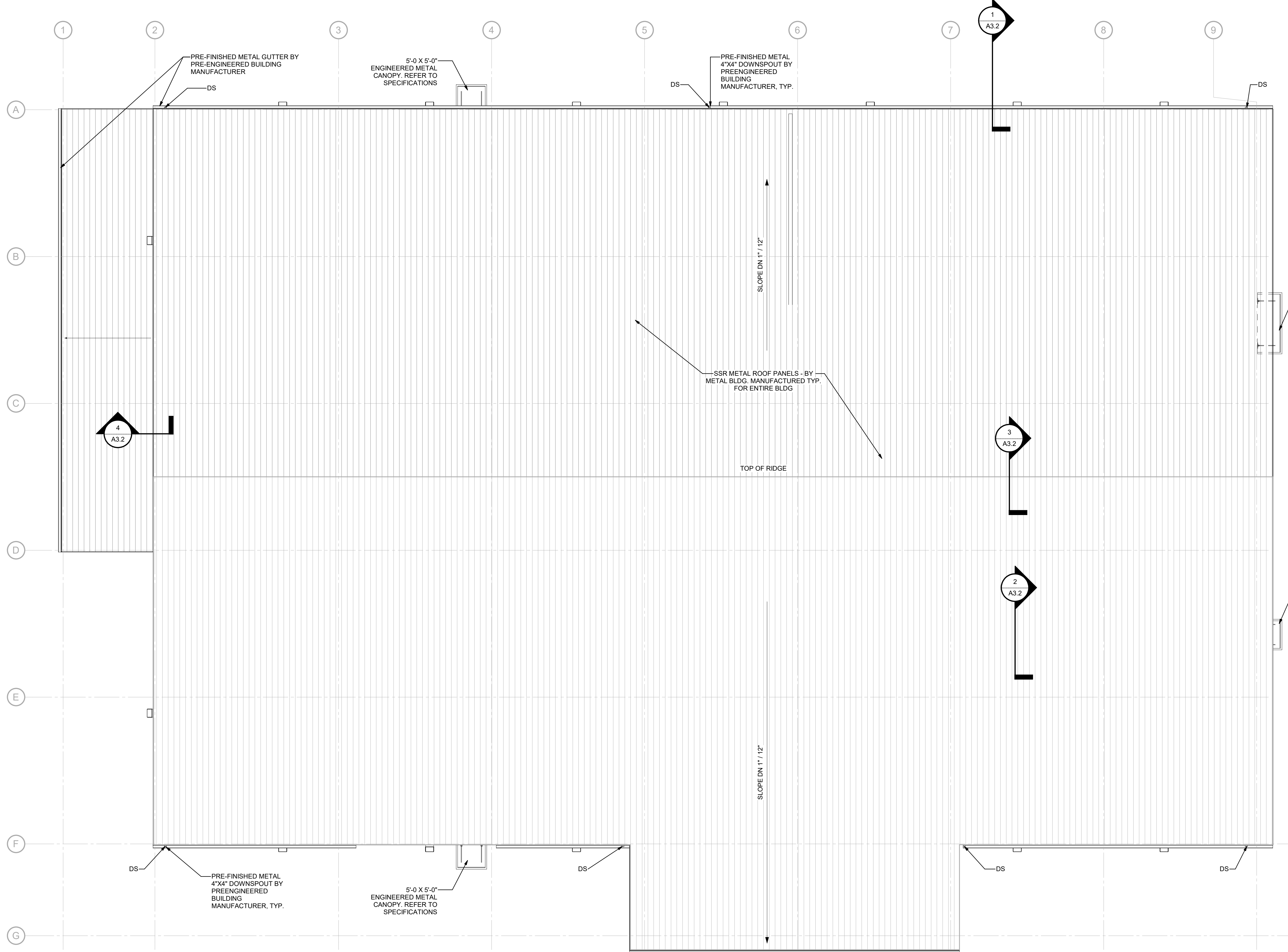
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- ### Roof Plan General Notes
1. ROOF PLAN DEPICTS INTENT OF ROOF SLOPES.
 2. NOT ALL ROOF PENETRATIONS ARE INDICATED ON ROOF PLAN. COORDINATE WITH ALL TRADES FOR NUMBER AND LOCATIONS OF ROOF PENETRATIONS.
 3. ALL ROOF PENETRATIONS SHALL BE WATER TIGHT AND SHALL NOT VOID ROOF WARRANTY.
 4. PROVIDE TAPERED INSULATION ROOF CRICKETS AT ALL EQUIPMENT AND ROOF ACCESS LOCATIONS.
 5. EXTEND ALL CONDENSATE LINES FROM RTU'S TO NEAREST SCUPPER. USE COLLECTOR LINES AS REQUIRED. USE ROOFING MANUFACTURER RECOMMENDED ADJUSTABLE SEATS AT 5'-0" O.C.
 6. ALL ROOF DETAILS SHALL BE APPROVED BY THE ROOF SYSTEM MANUFACTURER PRIOR TO COVERAGE.
 7. ANY NON-STANDARD DETAILS MUST BE APPROVED IN WRITING BY ROOF SYSTEM MANUFACTURER PRIOR TO INSTALLATION.
 8. ALL OVERFLOW SCUPPERS SHALL BE LOCATED 4" HIGHER THAN ADJACENT PRIMARY SCUPPER AND 2'-6" HORIZONTALLY.

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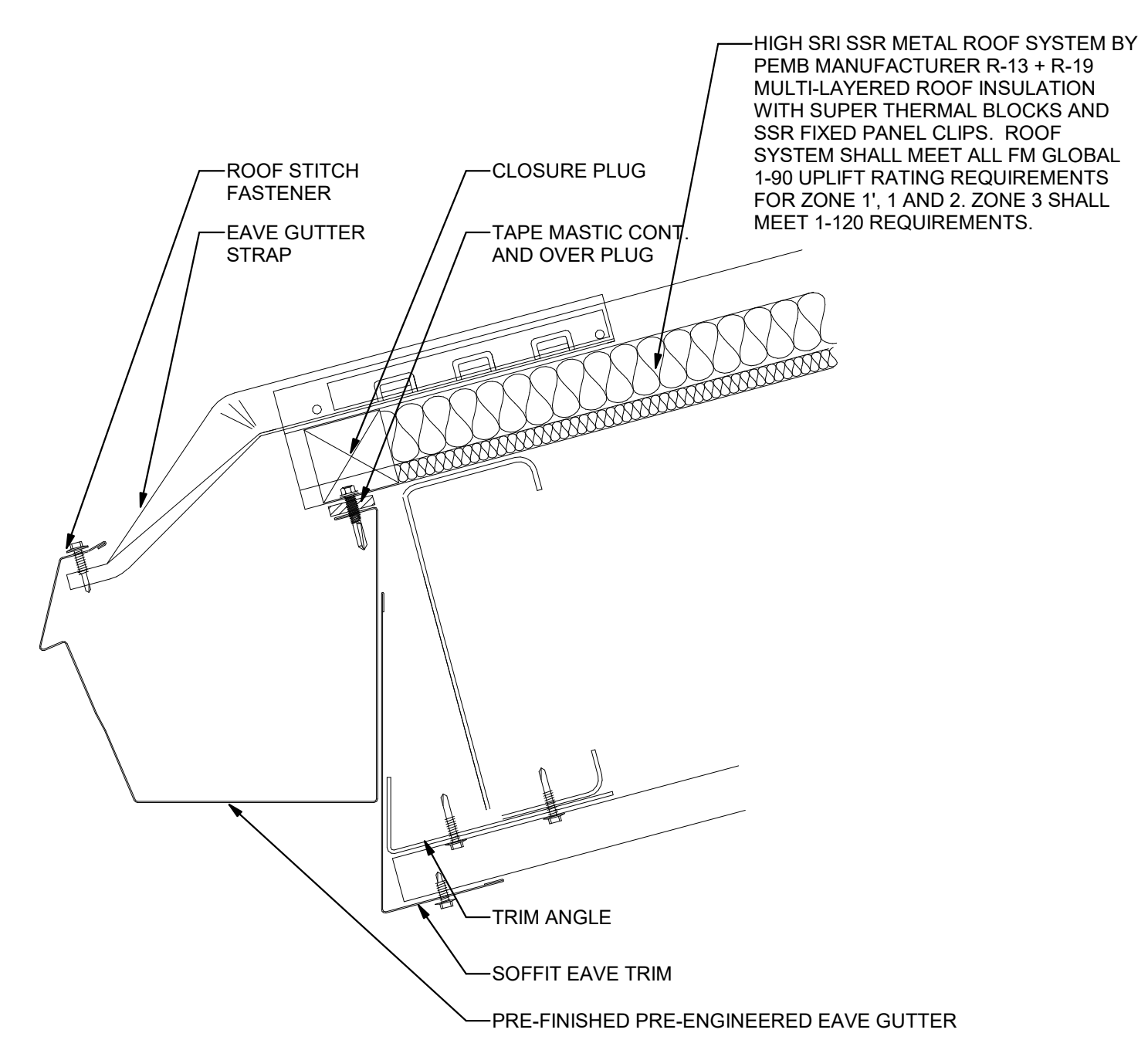
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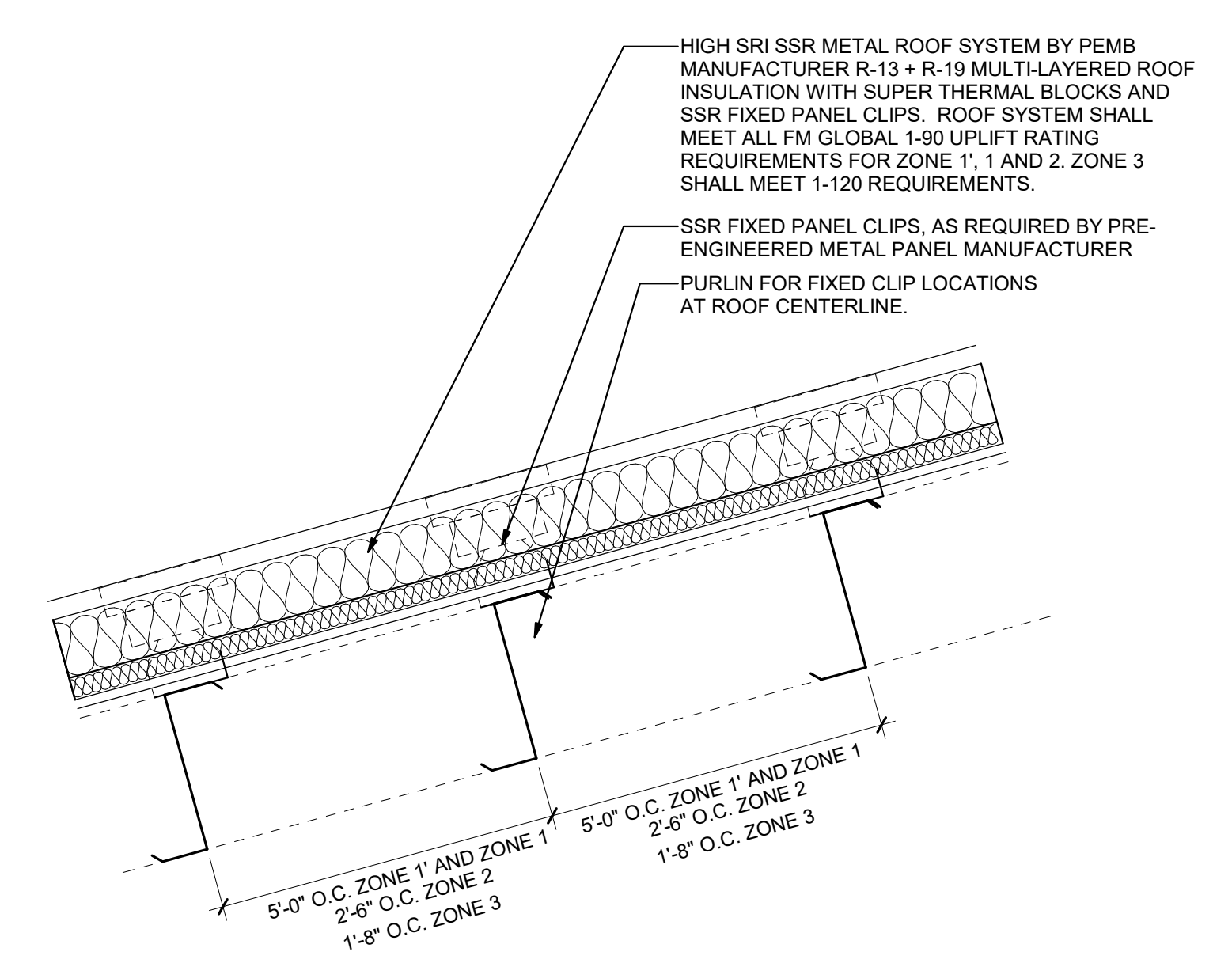
A3.1

1 Roof Plan
 A3.1 1/8" = 1'-0"

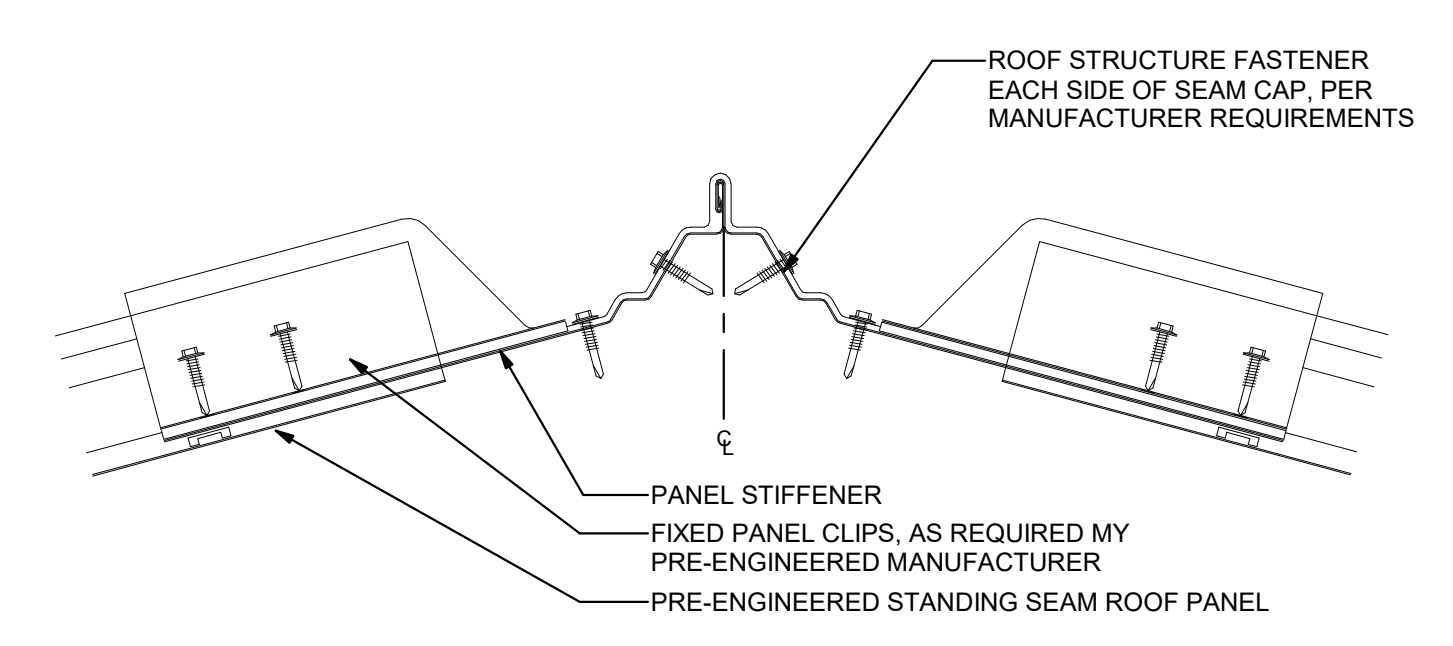
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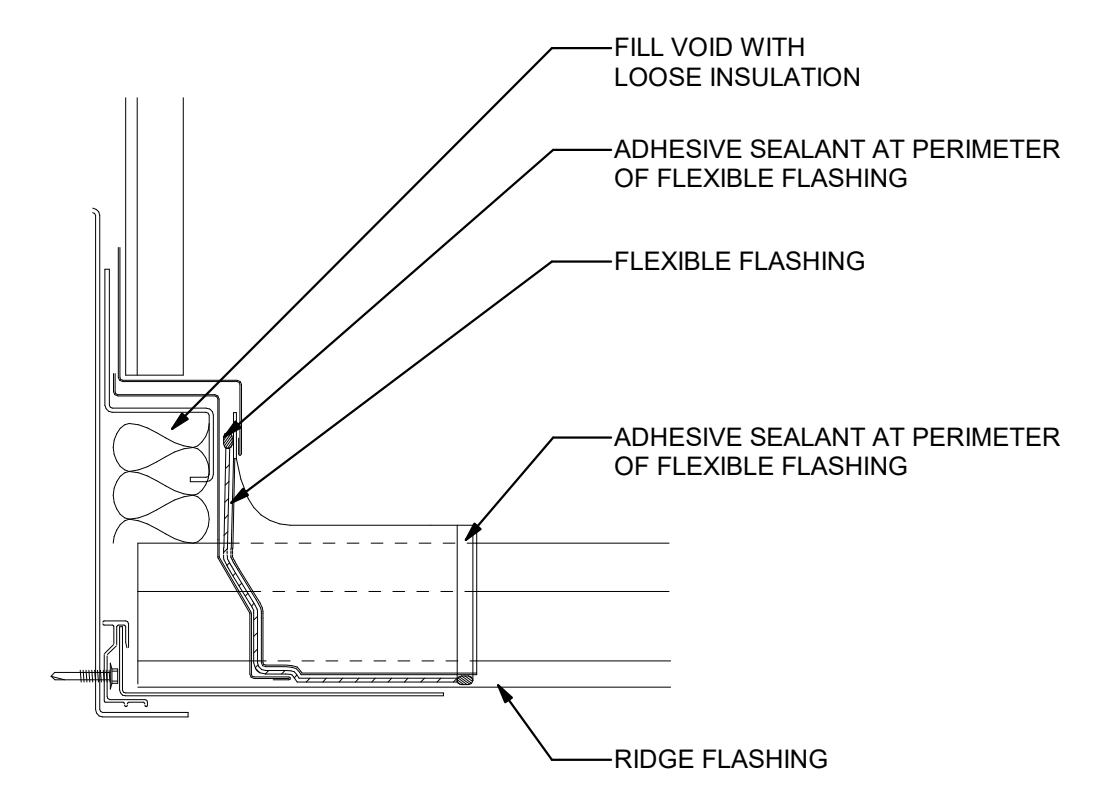
1 Gutter Detail
 A3.2 3" = 1'-0"



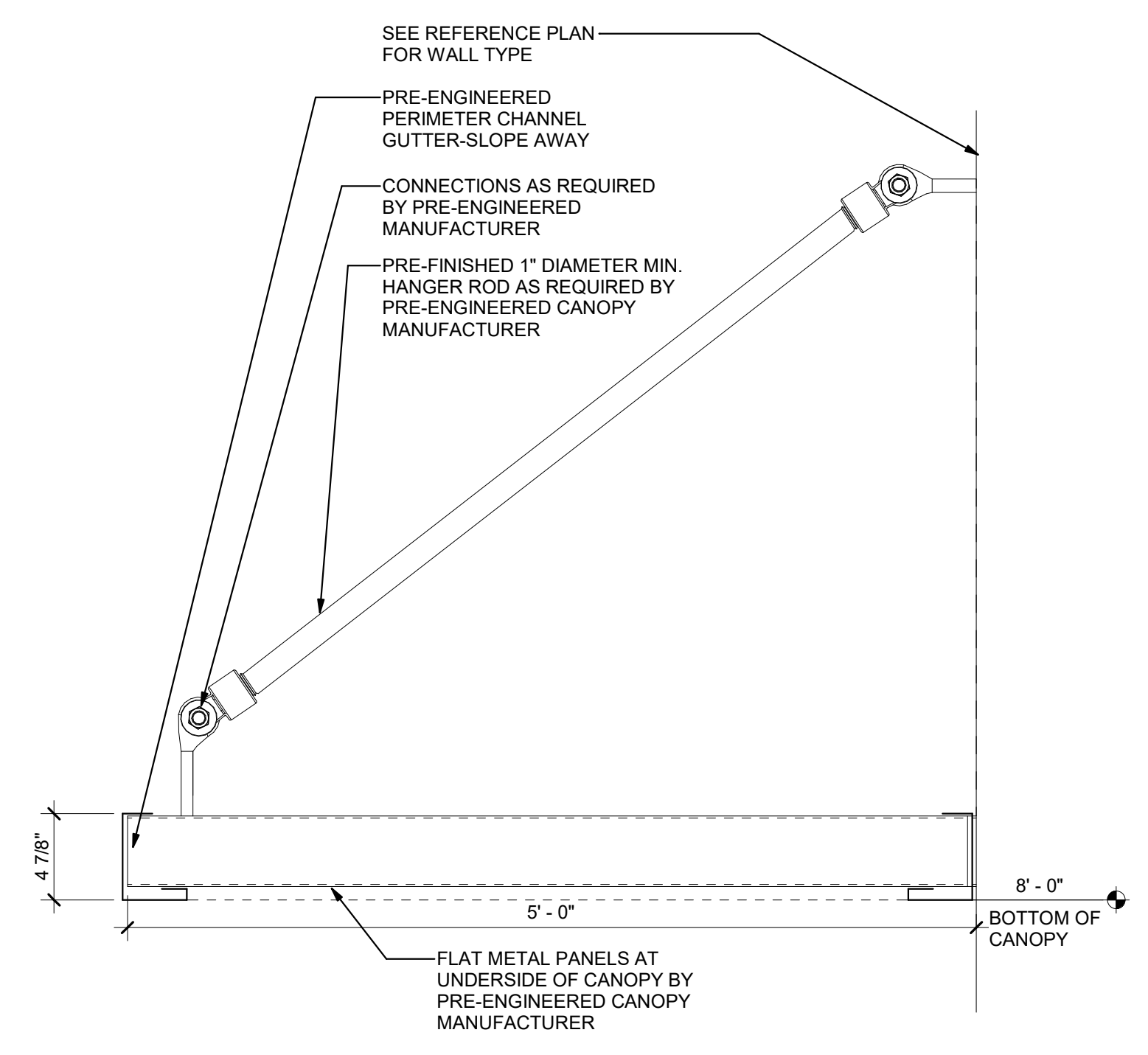
2 PEMB Roof By Manufacturer
 A3.2 1 1/2" = 1'-0"



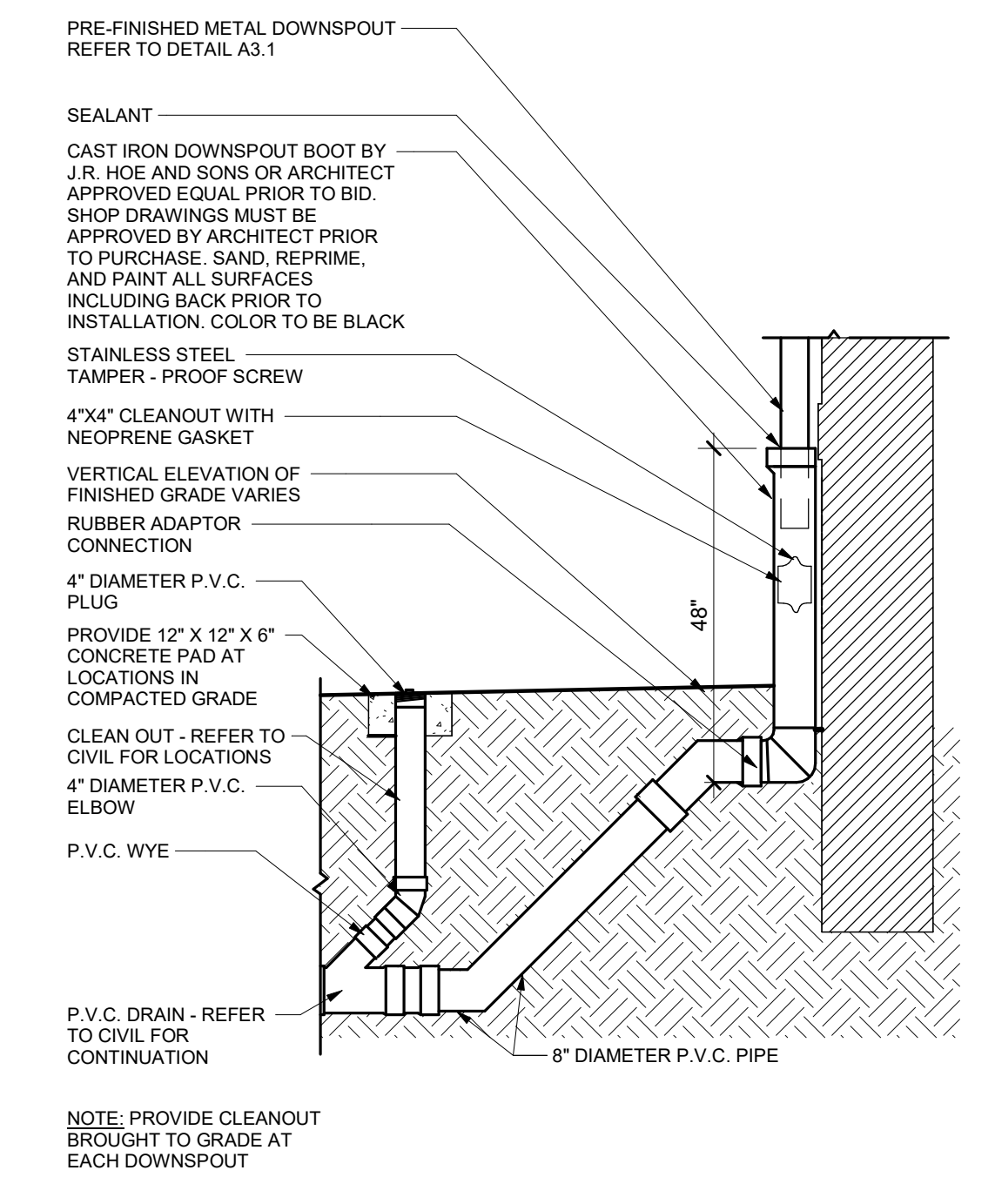
3 Roof Ridge Detail
 A3.2 3" = 1'-0"



4 Roof to Wall
 A3.2 3" = 1'-0"



5 Main door canopy detail
 A3.2 1 1/2" = 1'-0"



6 Typical Downspout Boot
 A3.2 1/2" = 1'-0"

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PROJECT

ROOF DETAILS

DESIGN PPI
 DRAWN RGB
 CHECKED BKS

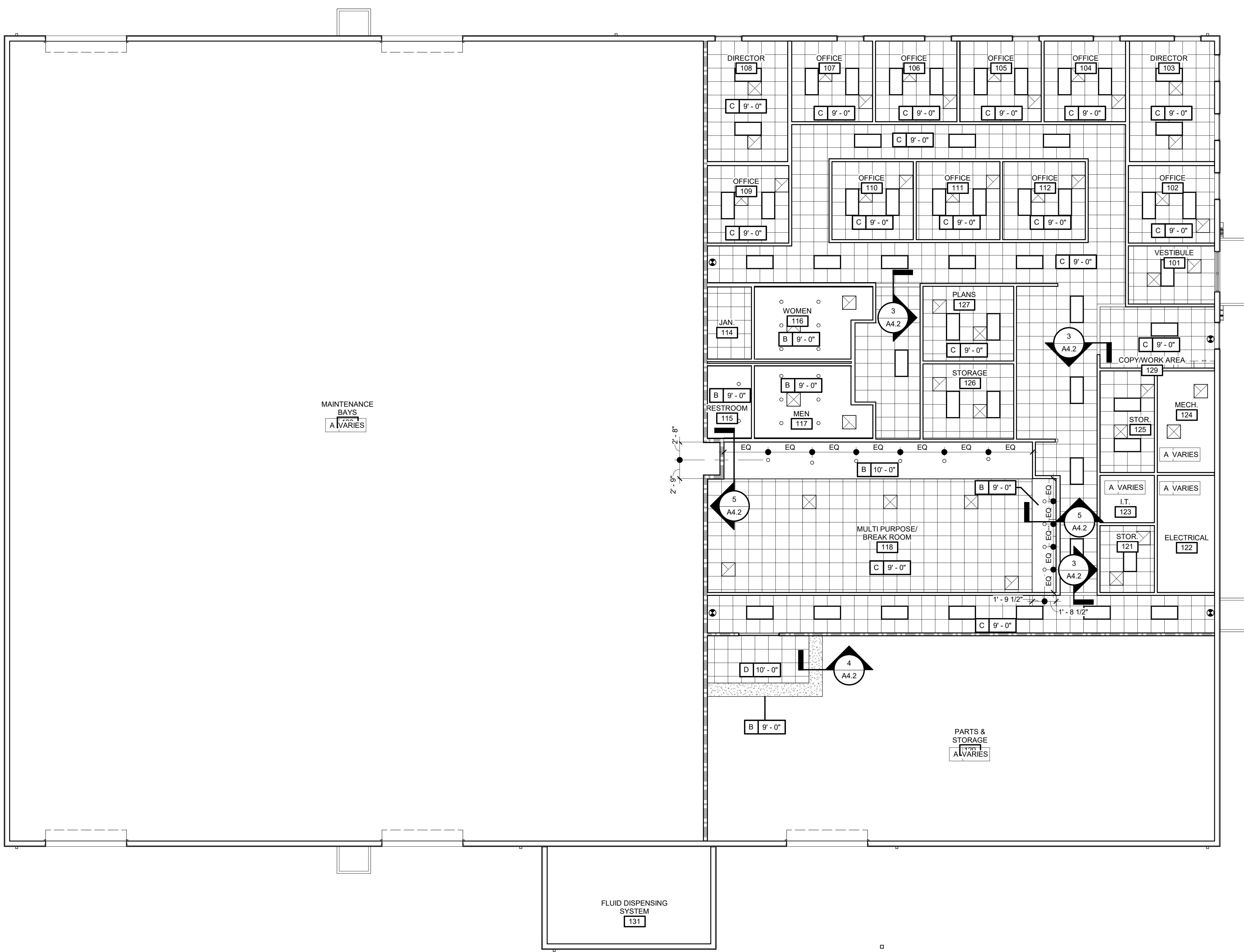
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 A23-131 PROJ. NUMBER
 FILE NAME
 FILE NUMBER

A3.2

RELEASE



1 Reflected Ceiling Plan
 1/8" = 1'-0"

- ### Ceiling General Notes
- CENTER CEILING GRIDS IN BOTH DIRECTIONS IN EACH ROOM WITH LAY-IN CEILINGS. INSTALL CEILING TRACKS MINIMUM 6" FROM WALL SURFACES IN ALL DIRECTIONS.
 - CENTER EXTERIOR DOWNLIGHTS IN BOTH DIRECTIONS. REFER TO ELECTRICAL FOR ADDITIONAL INFORMATION.
 - FOR SPECIFICATIONS OF EACH FIXTURE TYPE REFER TO ELECTRICAL DRAWINGS.
 - CENTER ALL SPRINKLER HEADS IN CEILING TILES WHERE APPLICABLE.
 - PRODUCT TYPES INDICATED ARE BASIS OF DESIGN. REFER TO SPECIFICATIONS.
 - COORDINATE CEILING LIGHT FIXTURE WITH HVAC GRILLS. CONTACT ARCHITECT IF CONFLICT OCCURS.
 - PROVIDE ADEQUATE ACCESS AND LABEL CEILING TRACKS FOR EQUIPMENT, FITTINGS, VALVES, ETC. THAT ARE NOT EXPOSED ABOVE CEILING AND BEHIND WALL FINISHES. OPENINGS SHALL BE PROTECTED AS APPROPRIATE FOR THE FIRE RESISTANCE RATING OF THE BARRIER PER NFPA 101 LIFE SAFETY CODE. REFER TO SIGNAGE SPECIFICATIONS.
 - HIGH BAY LIGHT FIXTURES IN MAINTENANCE BAYS SHALL BE MOUNTED AT 18'-0" A.F.F. TO BOTTOM OF FIXTURE.

RCP Legend

CEILING TYPE	CEILING HEIGHT
A 8'-6"	

LAY-IN LIGHT FIXTURE - REFER TO ELECTRICAL	SECURITY CAMERA - REFER TO ELECTRICAL
SURFACE MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL	MOTION SENSOR - REFER TO ELECTRICAL
STRIP LIGHT FIXTURE - REFER TO ELECTRICAL	SMOKE DETECTOR - REFER TO ELECTRICAL
RECESSED DOWNLIGHT FIXTURE - REFER TO ELECTRICAL	SPRINKLER HEAD - REFER TO PLUMBING
INTERIOR WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL	CEILING FAN - REFER TO ELECTRICAL
EXTERIOR WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL	HVAC SUPPLY DIFFUSER - REFER TO MECHANICAL
EXIT LIGHT FIXTURE - REFER TO ELECTRICAL	HVAC RETURN GRILLE - REFER TO MECHANICAL
WALL MOUNTED EMERGENCY LIGHT FIXTURE - REFER TO ELECTRICAL	EXHAUST GRILL - REFER TO MECHANICAL
OCCUPANCY SENSOR - REFER TO ELECTRICAL	UNIT HEATER - REFER TO MECHANICAL
PAGING SPEAKER - REFER TO ELECTRICAL	INFRARED HEATER - REFER TO MECHANICAL

Ceiling Schedule

A	OPEN TO STRUCTURE
B	5/8" MOISTURE RESISTANT GYPSUM BOARD ATTACHED TO LIGHT GAUGE METAL FRAMING USING TYPE "S" SCREWS @ 12" O.C. MAX. REFER TO DIVISION 09 "GYPSUM BOARD ASSEMBLIES" FOR ADDITIONAL INFORMATION. FINISH CEILING WITH A LEVEL 5 DRYWALL FINISH.
C	2' X 2' ACOUSTICAL CEILING TILE SYSTEM - REFER TO SPECIFICATIONS
D	2' X 2' VINYL COATED WET AREA ACOUSTICAL CEILING TILE SYSTEM

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DESIGN	DRAWN	CHECKED	BKS
PPI	ROB	BKS	

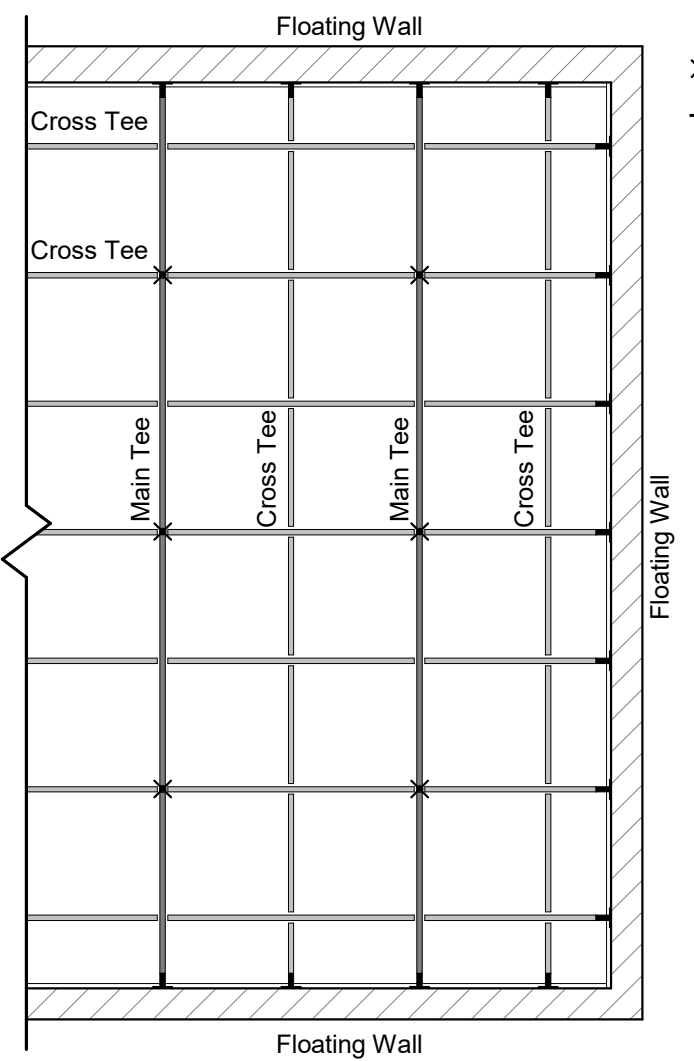
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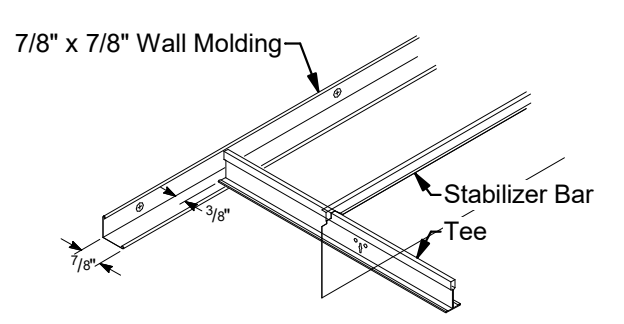
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DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

A4.1

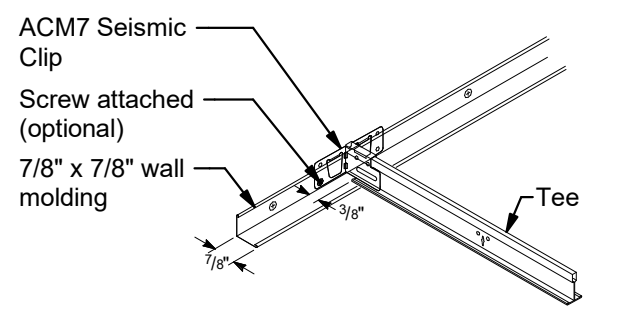


Seismic Clip Ceiling Layout CAT C

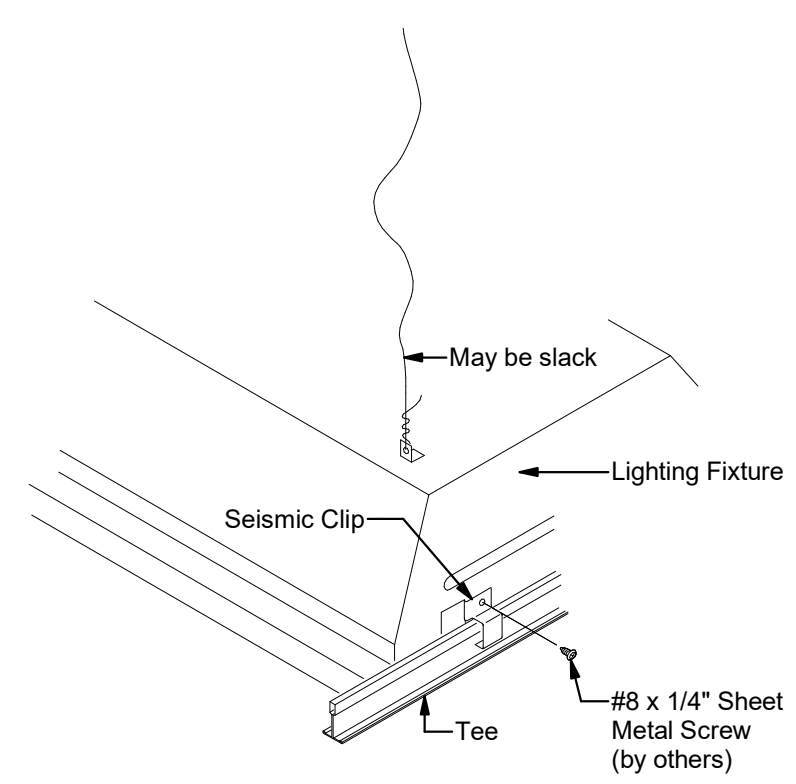
X 12 Gauge Hanger Wire
 T ACM7 Seismic Clip



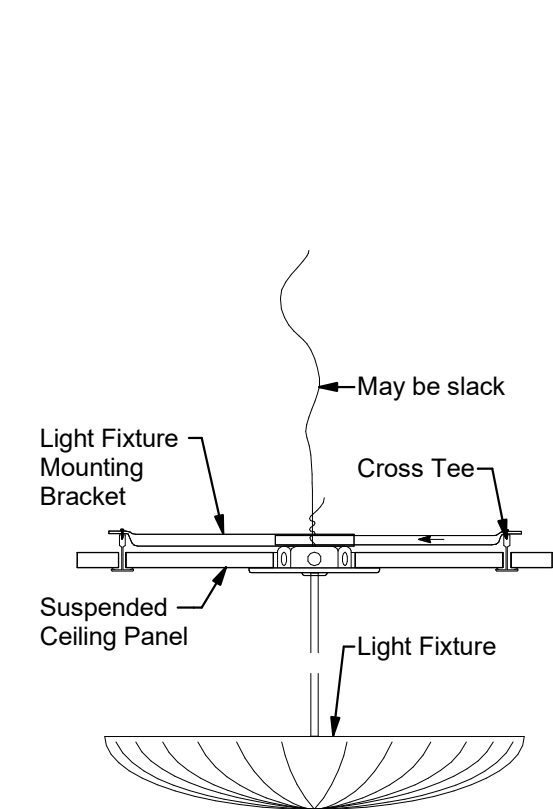
Perimeter Treatment CAT C



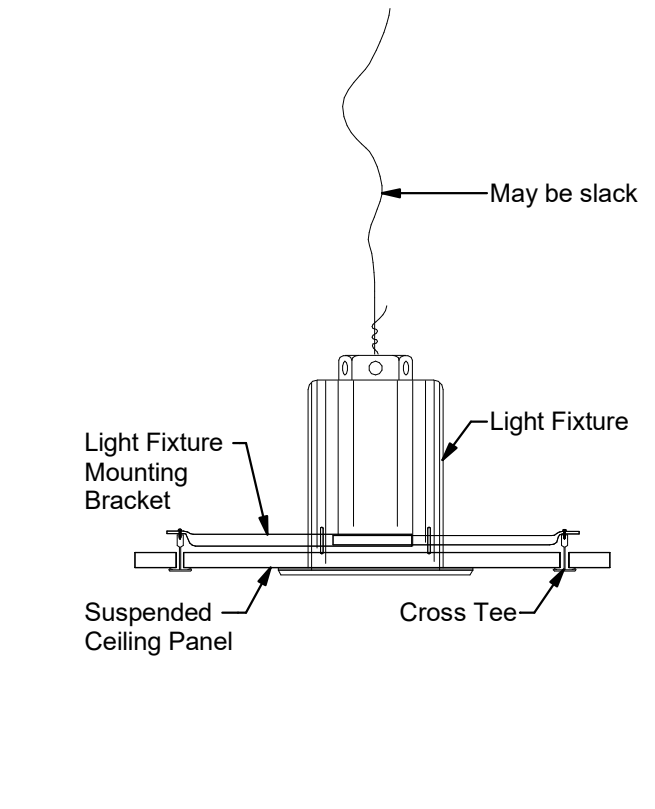
Perimeter Treatment ACM7 Seismic Clip CAT C



Type G Light Fixture Attached to Grid CAT C

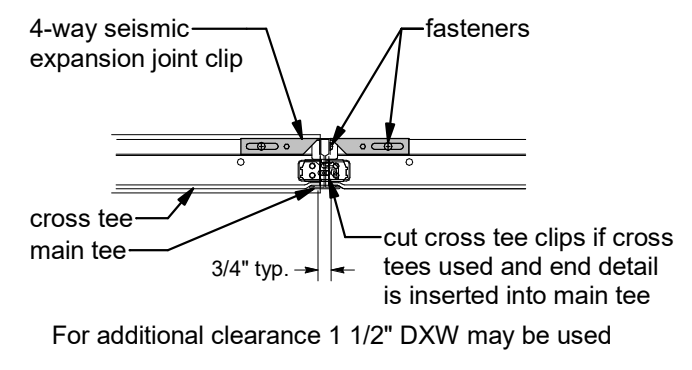


Pendant Hung Fixtures CAT C

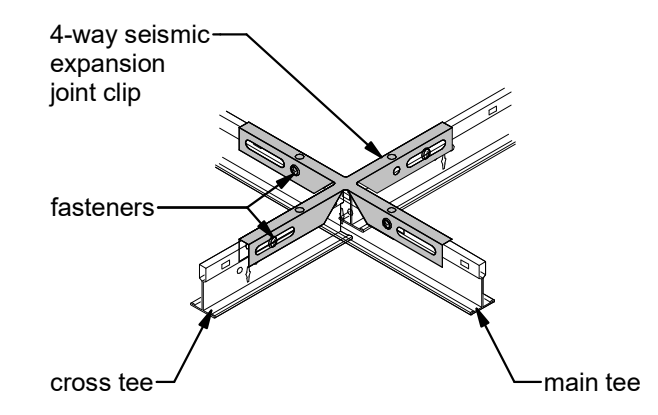


Can Light Fixture CAT C

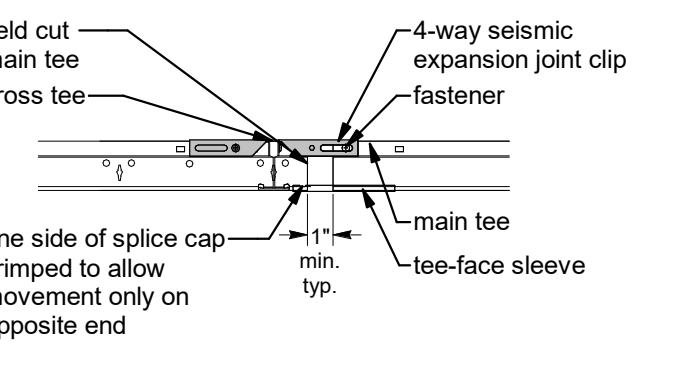
1 Seismic Design Category C
 A4.2 1 1/2" = 1'-0"



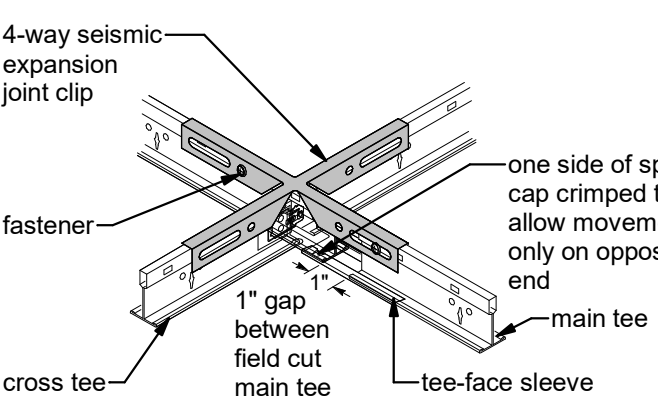
Seismic Expansion Joint Option A



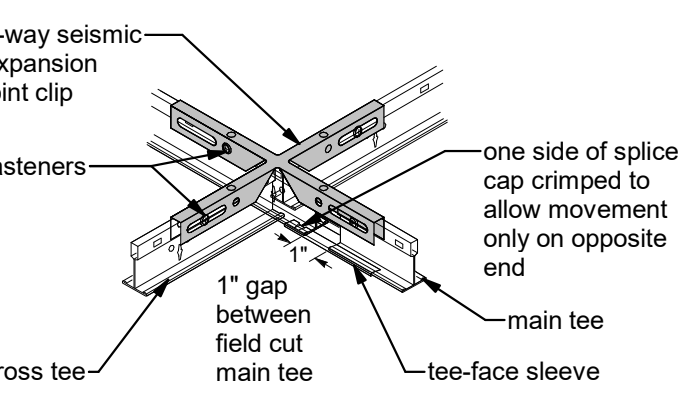
Seismic Expansion Joint Option A ISO



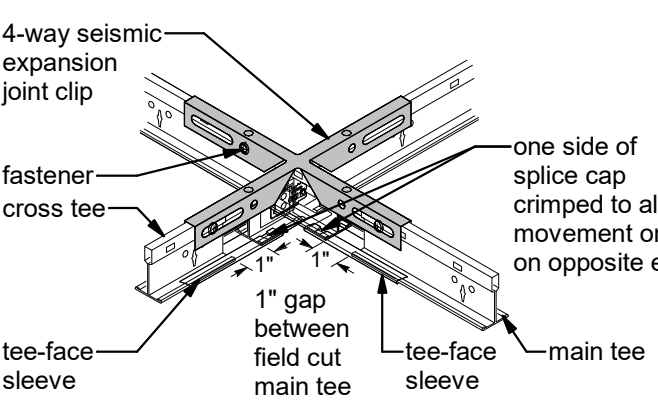
Seismic Expansion Joint Option B



Seismic Expansion Joint Option B ISO



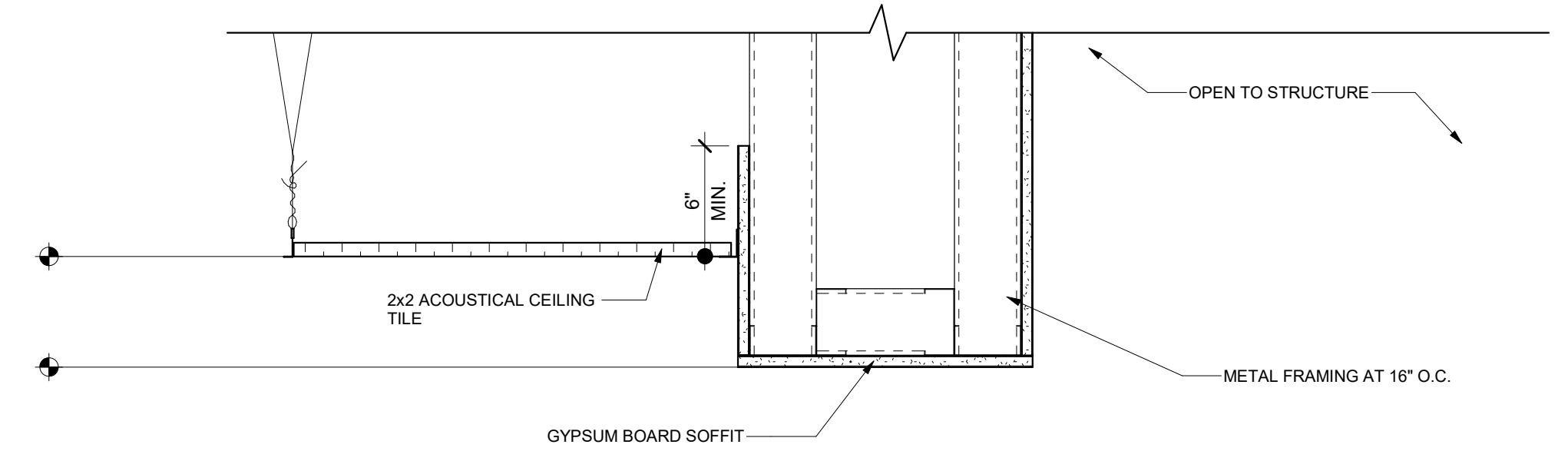
Adjacent Expansion Joints Option A



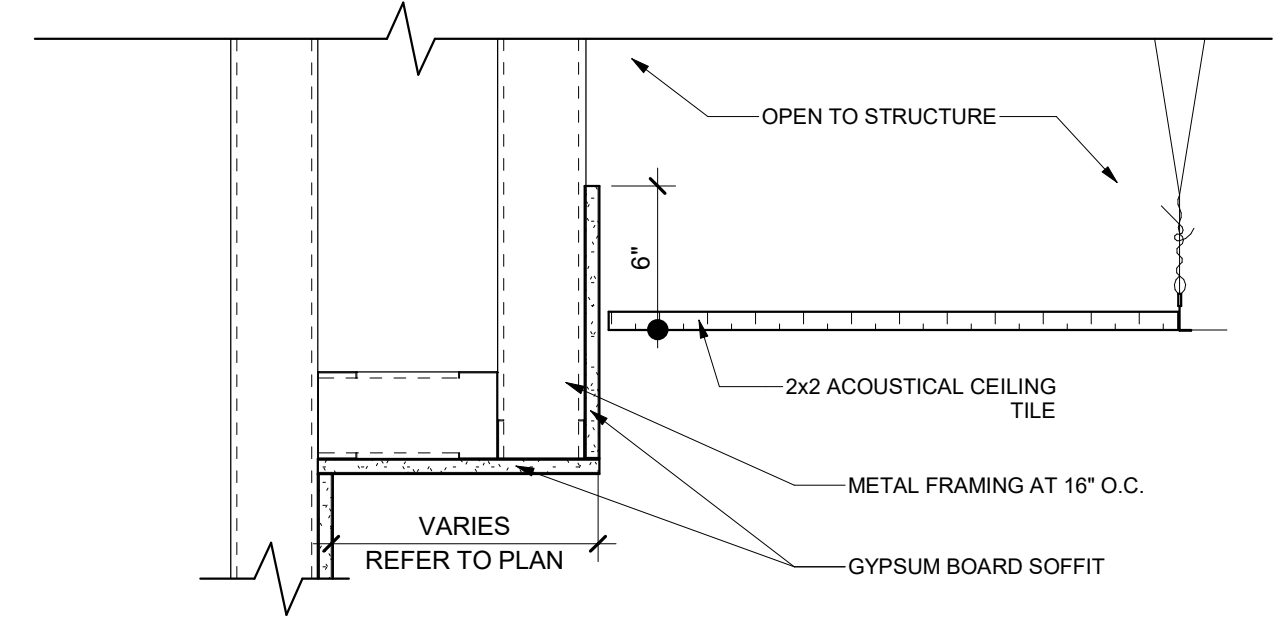
Adjacent Expansion Joints Option B

2 Seismic Expansion Joint Details
 A4.2 1 1/2" = 1'-0"

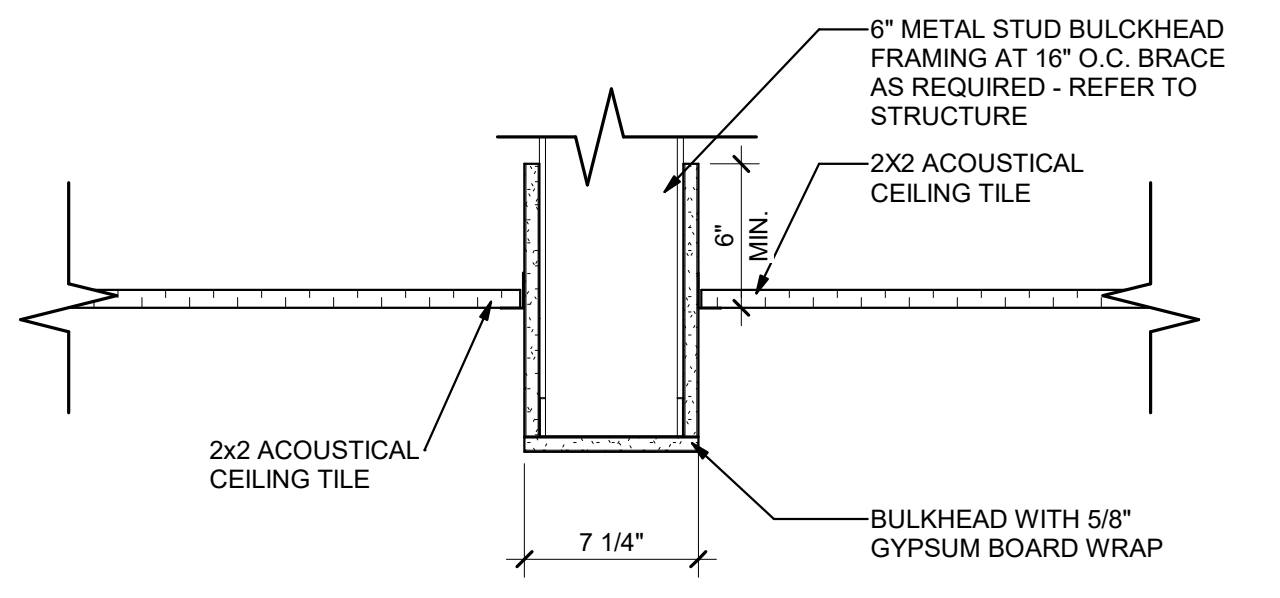
4 Typ. Soffit Detail
 A4.2 1 1/2" = 1'-0"



5 SOFFIT DETAIL
 A4.2 1 1/2" = 1'-0"



3 Bulkhead Detail
 A4.2 1 1/2" = 1'-0"



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CEILING DETAILS
 DESIGN PPI
 DRAWN RGB
 CHECKED BKS

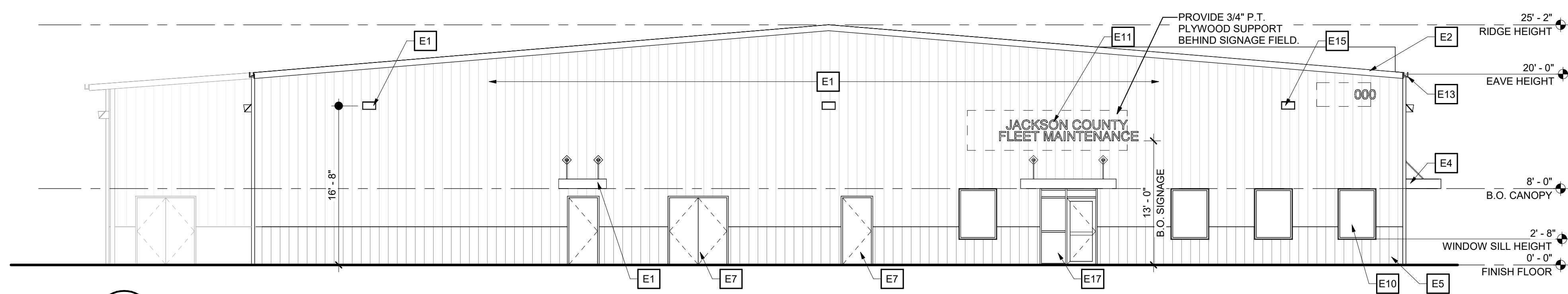
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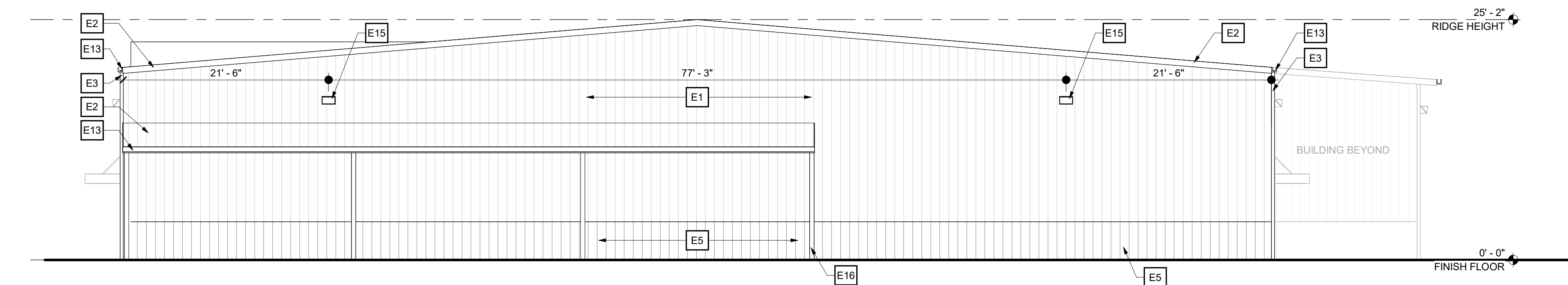
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Elevation Keynotes

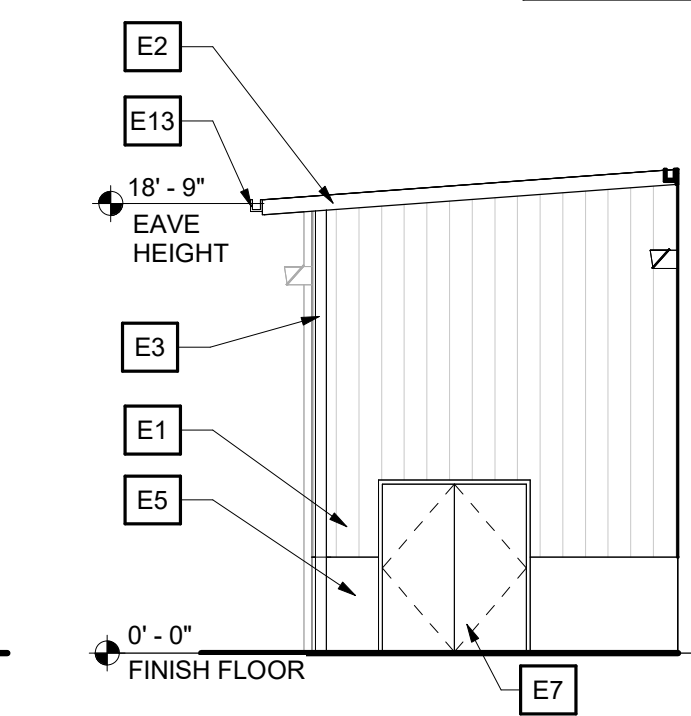
E1	EXTERIOR METAL WALL PANELS BY PRE-ENGINEERED METAL BUILDING MANUFACTURER - FACTORY FINISH TO MATCH EPT-1 - REFER TO FINISH LEGEND AND SPECIFICATIONS
E2	PREFINISHED STANDING SEAM METAL ROOFING SYSTEM BY METAL BUILDING MANUFACTURER - REFER TO SPECIFICATIONS
E3	PRE-FINISHED METAL DOWNSPOUT - REFER TO SPECIFICATIONS AND ROOF PLANS
E4	PRE-ENGINEERED METAL CANOPY
E5	EXTERIOR METAL WALL PANELS BY PRE-ENGINEERED METAL BUILDING MANUFACTURER - FACTORY FINISH TO MATCH EPT-2 - REFER TO SPECIFICATIONS
E6	INSULATED OVERHEAD COILING DOOR BY METAL BUILDING MANUFACTURER - REFER TO SPECIFICATIONS
E7	INSULATED HOLLOW METAL DOOR AND FRAME BY METAL BUILDING MANUFACTURER
E8	WALL LOUVER - REFER TO MECHANICAL
E9	DOWNSPOUT BOOT
E10	HOLLOW METAL WINDOW BY METAL BUILDING MANUFACTURER - REFER TO SPECIFICATIONS
E11	BUILDING ADDRESS SIGNAGE - REFER TO SPECIFICATIONS AND SIGNAGE DETAIL O-2/A10.1
E12	EXTERIOR LIGHT FIXTURE - REFER TO ELECTRICAL
E13	PREFINISHED METAL GUTTER BY PRE-ENGINEERED METAL BUILDING MANUFACTURER - REFER TO SPECIFICATIONS AND ROOF PLAN
E14	BOLLARD
E15	LED WALL PACK
E16	PAINTED METAL COLUMN, MATCH EPT-1 - REFER TO FINISH LEGEND AND SPECIFICATIONS.
E17	ALUMINUM STOREFRONT SYSTEM - REFER TO SPECIFICATIONS.



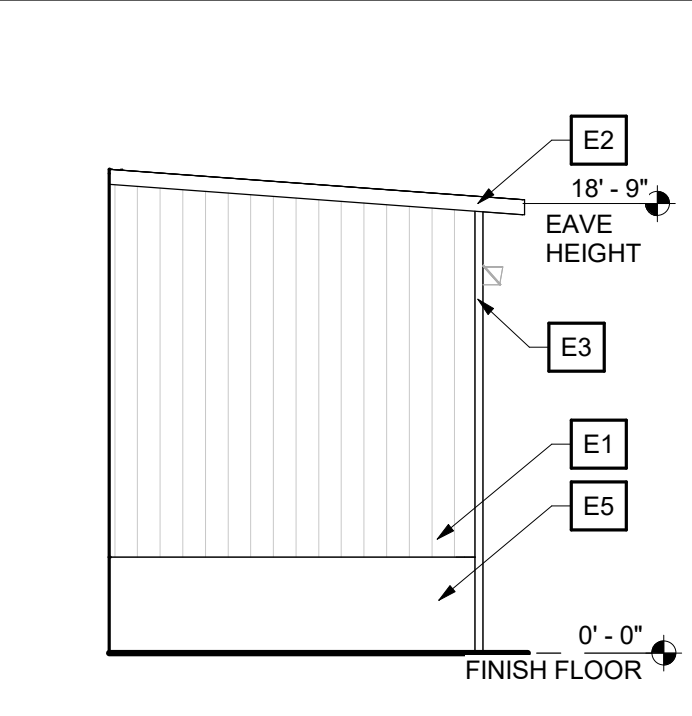
6 East Elevation
 A5.1 1/8" = 1'-0"



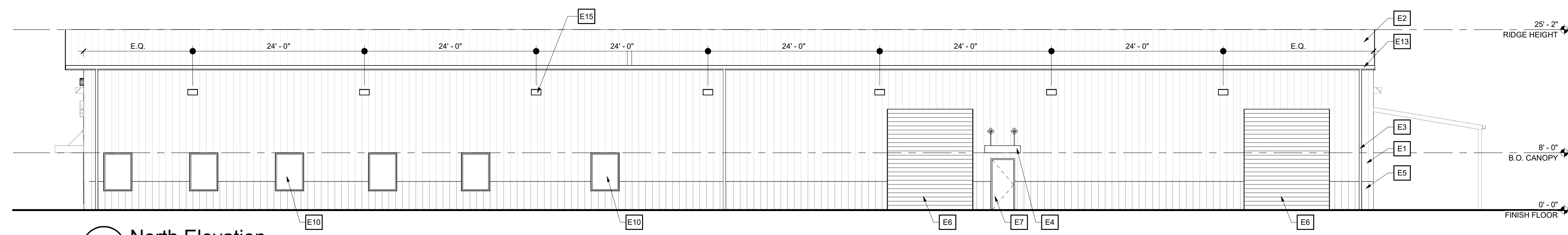
3 West Elevation
 A5.1 1/8" = 1'-0"



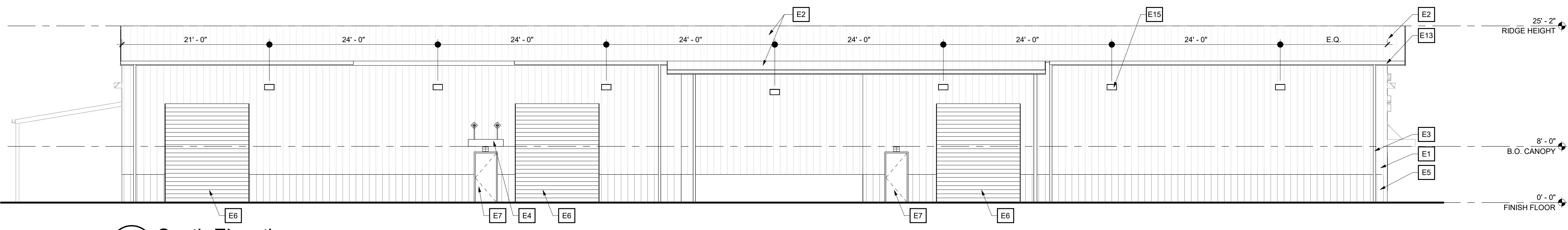
4 Elevation
 A5.1 1/8" = 1'-0"



5 Elevation
 A5.1 1/8" = 1'-0"



2 North Elevation
 A5.1 1/8" = 1'-0"



1 South Elevation
 A5.1 1/8" = 1'-0"

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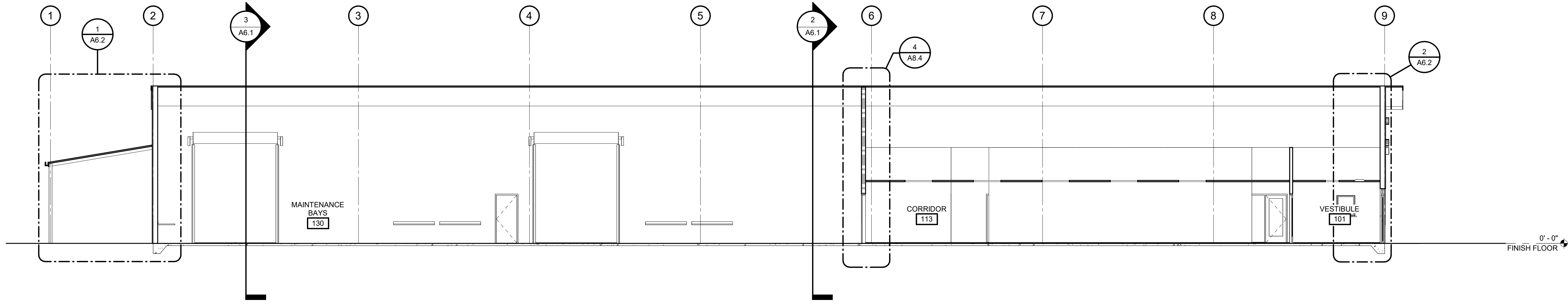
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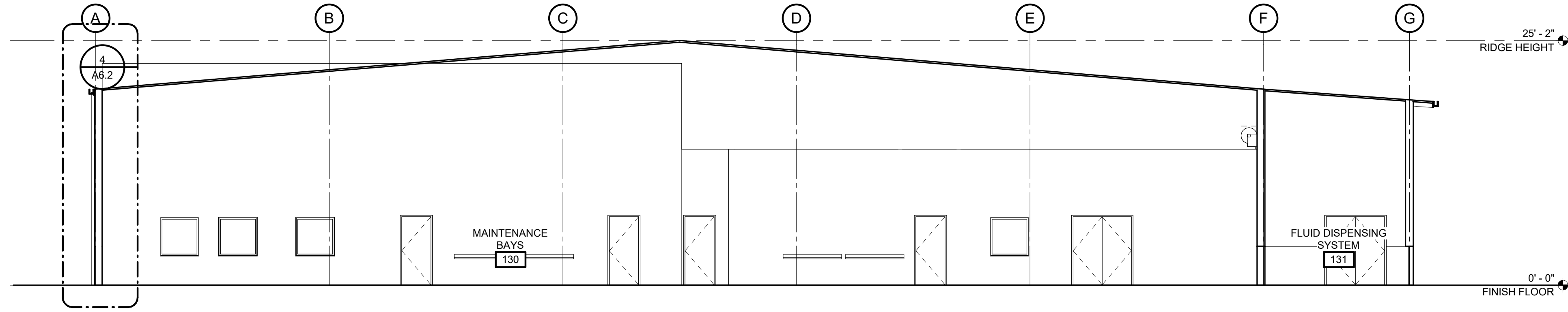
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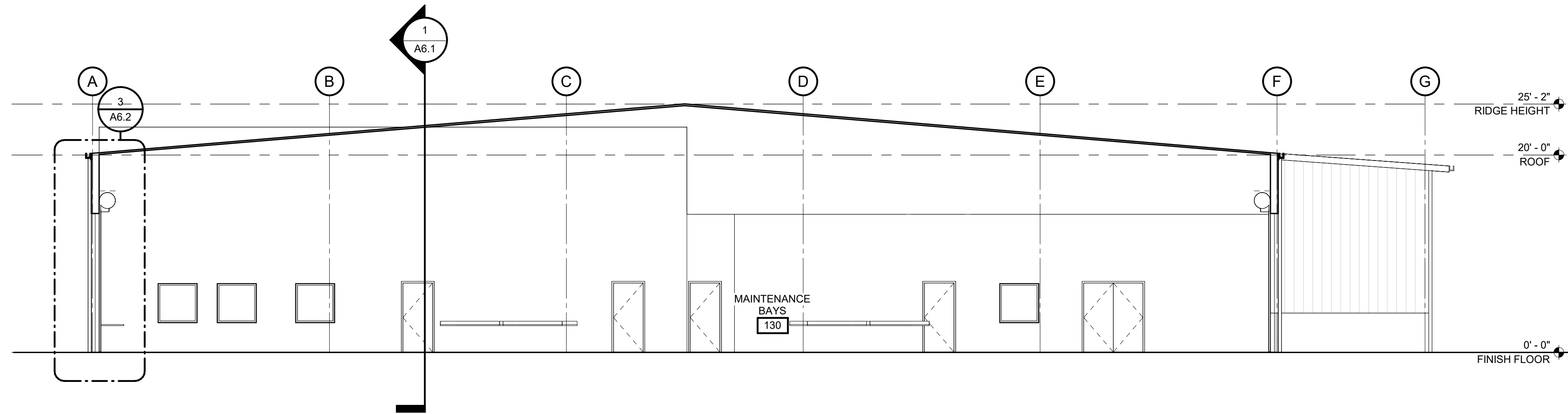
A5.1



1 Building Section (Longitudinal)
 A6.1 1/8" = 1'-0"



2 Building Section
 A6.1 1/8" = 1'-0"



3 Building Section
 A6.1 1/8" = 1'-0"

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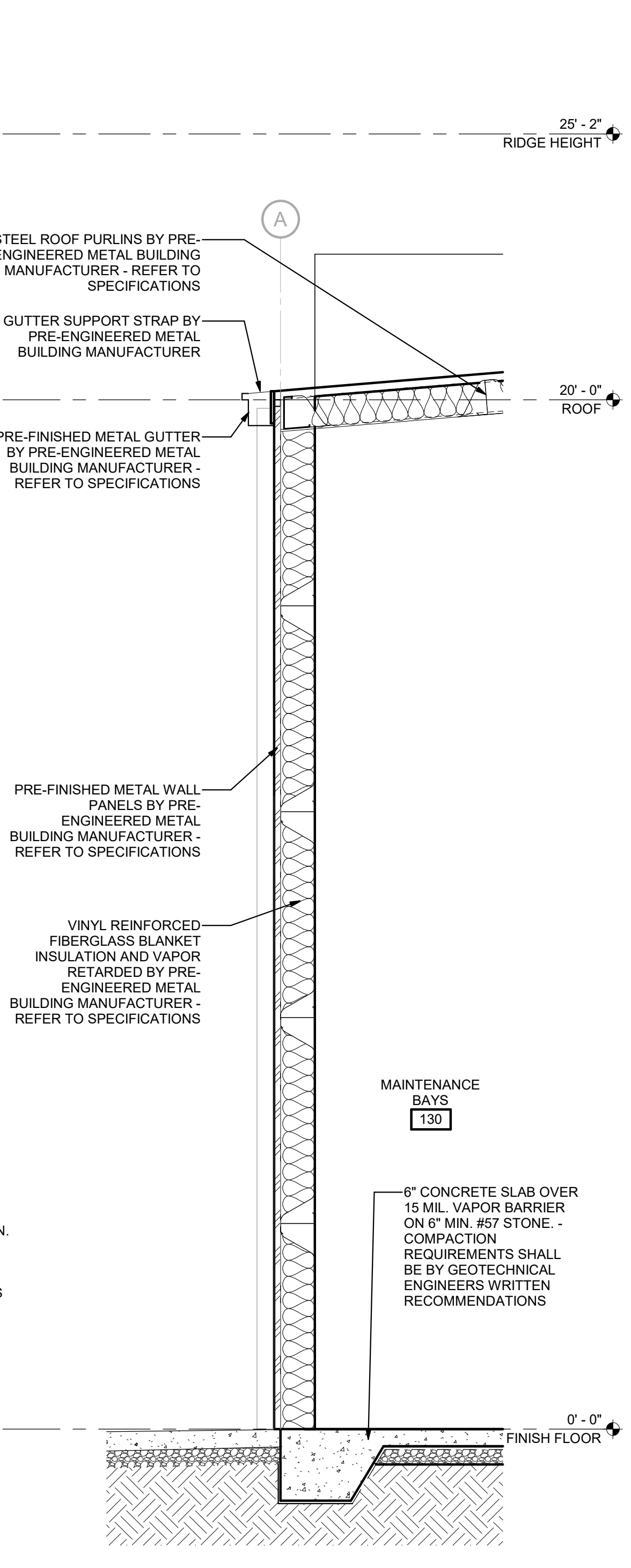
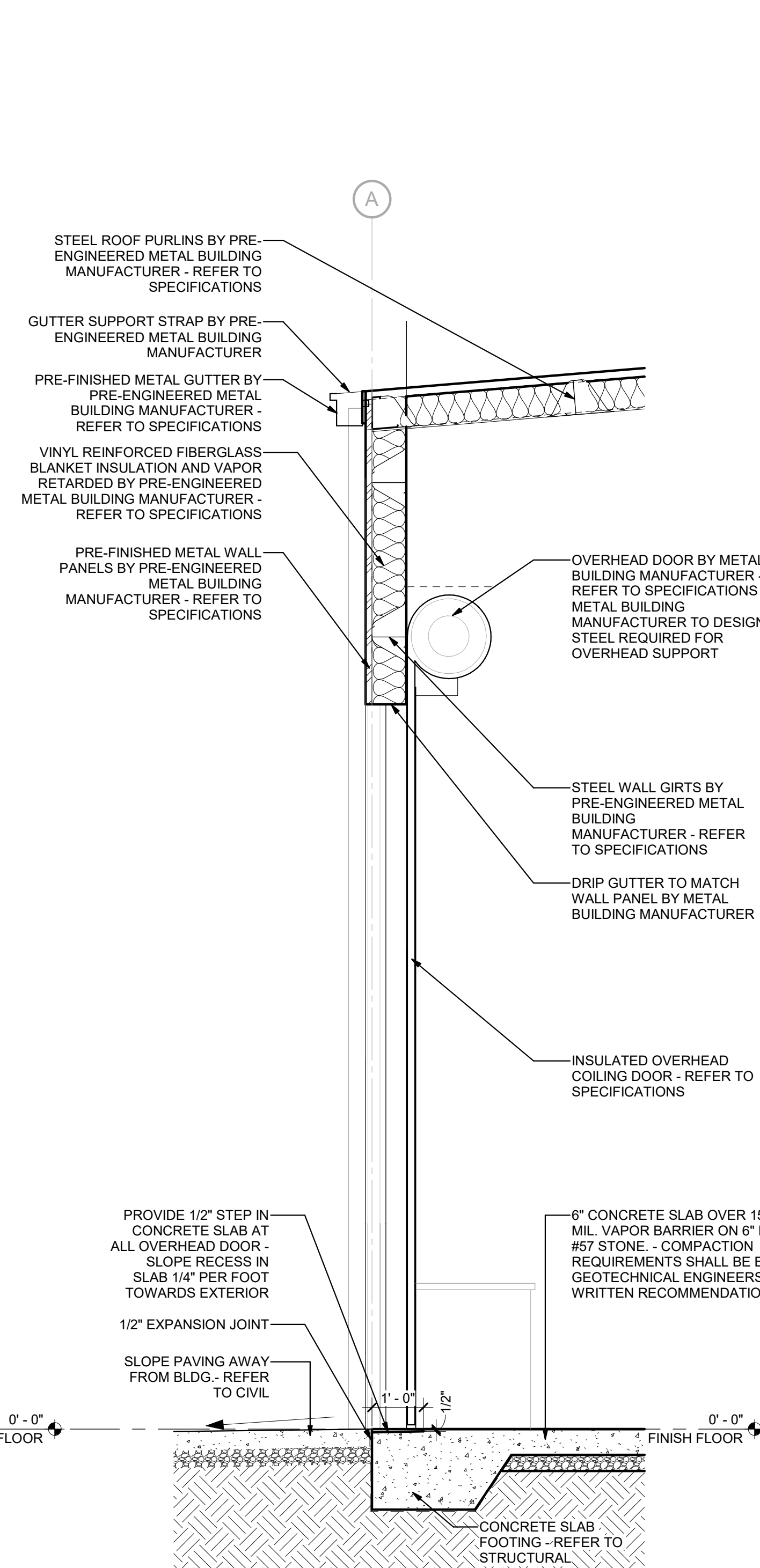
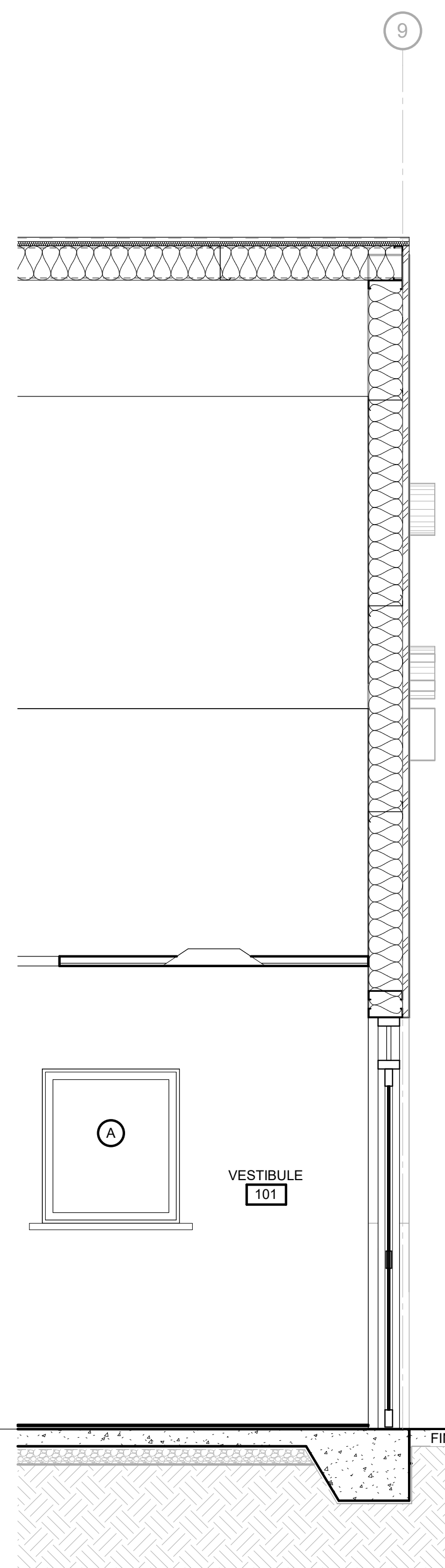
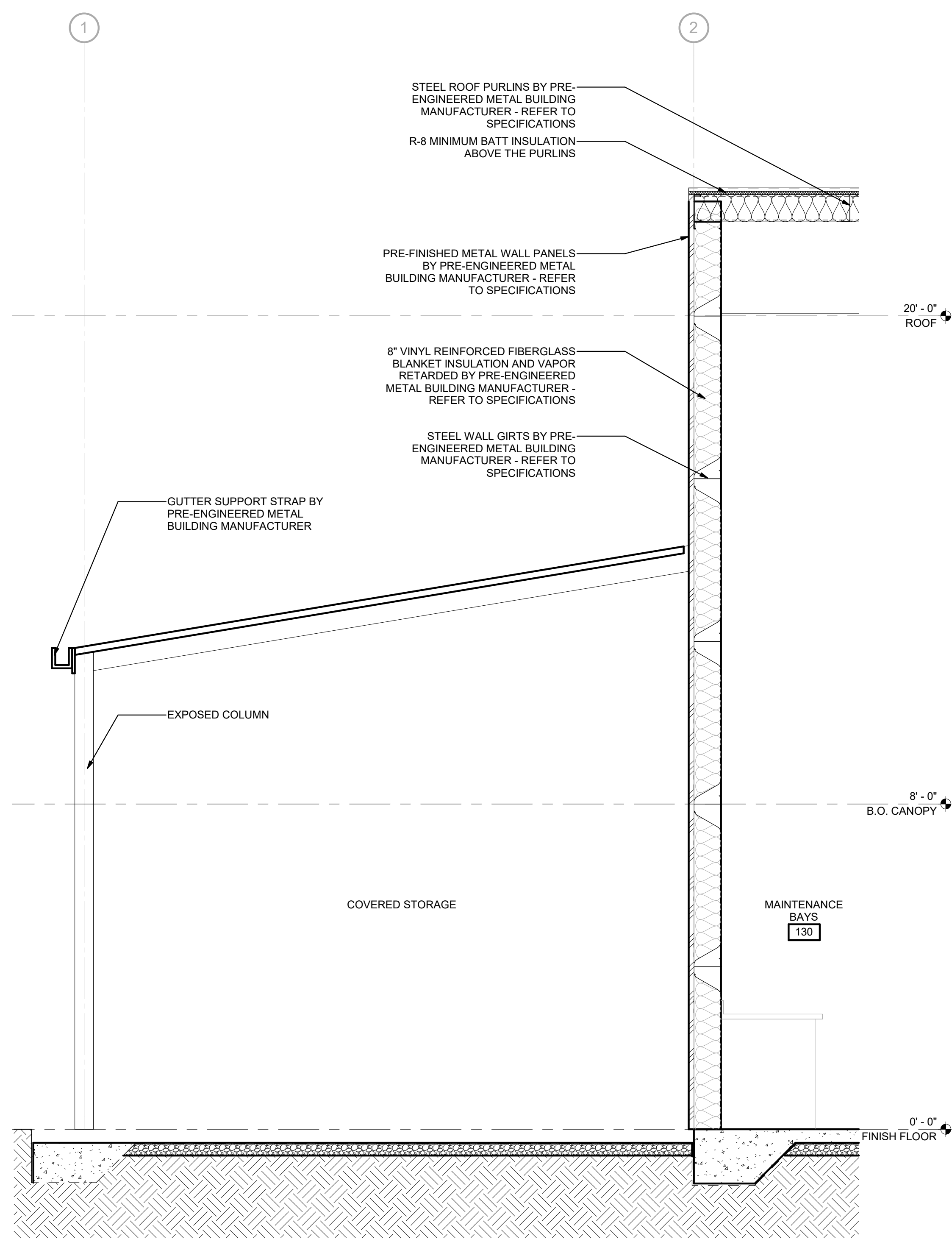
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WALL SECTIONS
 DESIGN PPI
 DRAWN CM
 CHECKED BKS

PROJECT SHEET TITLE

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 A23-131
 PROJ. NUMBER
 FILE NAME
 FILE NUMBER

A6.2

Finish Schedule

Room No.	Room Name	Floor Finish	Base Finish	Wall Finish	Door Frame Finish	Ceiling Finish	Millwork Finish	Counter Finish	Interior Finish Notes
101	VESTIBULE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
102	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
103	DIRECTOR	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
104	STORAGE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
104	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
105	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
106	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
107	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
108	DIRECTOR	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2
109	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2
110	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2

Finish Schedule

Room No.	Room Name	Floor Finish	Base Finish	Wall Finish	Door Frame Finish	Ceiling Finish	Millwork Finish	Counter Finish	Interior Finish Notes
111	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
112	OFFICE	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
113	CORRIDOR	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2
114	STO.	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
114	JAN.	SC	RB-2	PT-1	PT-2	PT-3	PL-1	SS-1	2
115	MAINT. RESTROOM	FT-1	CB-1	WT-2	PT-2	PT-3	PL-1	SS-1	2
116	WOMEN	FT-1	CB-1	WT-2	PT-2	PT-3	PL-1	SS-1	1
117	MEN	FT-1	CB-1	WT-2	PT-2	PT-3	PL-1	SS-1	1
118	MULTI PURPOSE/ BREAK ROOM	LVT-J/L	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2
119	CORRIDOR	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	2
120	PARTS & STORAGE	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	2

Finish Schedule

Room No.	Room Name	Floor Finish	Base Finish	Wall Finish	Door Frame Finish	Ceiling Finish	Millwork Finish	Counter Finish	Interior Finish Notes
121	STOR.	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
122	ELECTRICAL	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
123	I.T.	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
124	MECH.	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
125	STOR.	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
126	STORAGE	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
127	PLANS	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
128	WORKSTATIONS	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
129	COPYWORK AREA	LVT	RB-1	PT-1	PT-2	PT-3	PL-1	SS-1	
130	MAINTENANCE BAYS	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	
131	FLUID DISPENSING SYSTEM	SC	-	PT-1	PT-2	PT-3	PL-1	SS-1	

Interior Finish Legend

SYMBOLS:

TRANSITION STRIP - REFER TO SPECIFICATIONS

☒ SIGN TYPE - REFER TO A10.1

→ DIRECTION OF FLOOR FINISH

CABINETS:

PL-1 UPPER AND LOWER CABINET FACES
PAINT GRADE TIMBER
MANUFACTURER: WILSONART
TYPE: STANDARD LAMINATE
COLOR: BURNISHED CHESTNUT4796-60
FINISH: MATTE FINISH

TOILET PARTITIONS:

TP-1 TOILET PARTITIONS
MANUFACTURER: SCRANTON PRODUCTS
COLOR: STAINLESS HAMMERED

FLOOR FINISHES:

FT-1 RESTROOM FLOOR TILE
MANUFACTURER: DAL TILE
STYLE: PORTFOLIO
COLOR: CHARCOAL PF09 MATTE
SIZE: 12"x24"
GROUT: TBD
NOTES:

SOLID SURFACE:

SS-1 SOLID SURFACE COUNTERTOPS
MANUFACTURER: WILSONART
COLOR: AVALANCHE MELANGE 9175ML

WALL FINISHES:

PT-1 MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 6196 FROSTY WHITE
FINISH: EGGSHELL
NOTES: MAIN PAINT COLOR

PT-2 MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 6258 TRICORN BLACK
FINISH: EGGSHELL
NOTES: DOOR TRIM

PT-3 MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7007 CEILING BRIGHT
WHITE
FINISH: EGGSHELL
NOTES: CEILINGS

WT-1 RESTROOM ACCENT WALL TILE
MANUFACTURER: DAL TILE
STYLE: STAGECRAFT
COLOR: MATTE BLACK K711
SIZE: 6"x6"
GROUT: TBD

WT-2 RESTROOM TILE
MANUFACTURER: DAL TILE
STYLE: PERPETUO
COLOR: INFINITE BLACK PT24
SIZE: 1.5" HEX
GROUT: TBD

WT-3 WALL TILE - BACKSPLASH
MANUFACTURER: DAL TILE
STYLE: PERPETUO
COLOR: INFINITE BLACK PT24
SIZE: 1.5" HEX
GROUT: TBD

FTW 3/4" FIRE TREATED PLYWOOD
BACKBOARD - PAINT PT-5
FINISH: FLAT

WALL BASE:

RB-1 MANUFACTURER: ROPPE WALL BASE
STYLE: PINNACLE
SIZE: 4"
COLOR: 193 BLACK BROWN

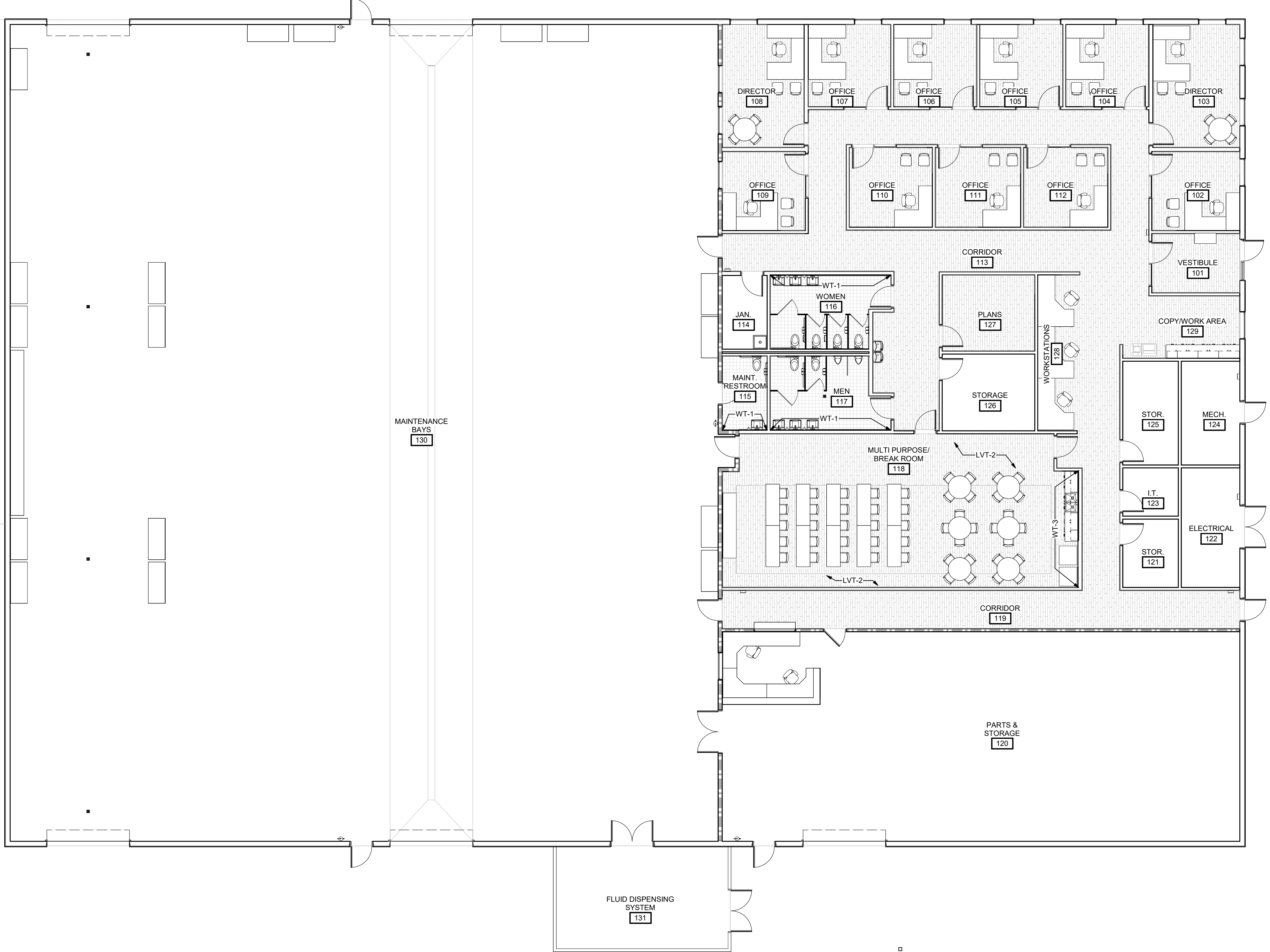
CB-1 MANUFACTURER: DAL TILE
STYLE: PORTFOLIO 6X12 COVE BASE
COLOR: MATCH WT-2
SIZE: 6"x12"
GROUT: TBD

General Finish Notes

- REFER TO A8.1 FINISH SCHEDULE FOR FINISH INFORMATION.
- ALL FINISH MATERIALS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL BEFORE PURCHASE AND INSTALLATION.
- ALL WALL PAINT SHALL BE PT-1 UNLESS OTHERWISE NOTED ON FINISH PLAN.
- ALL WALL PAINT SHALL BE IN EGGSHELL FINISH UNLESS OTHERWISE NOTED ON FINISH PLAN.
- ALL GYPSUM BOARD CEILINGS SHALL BE PAINTED PT-3 UNLESS NOTED OTHERWISE.
- AT ALL ROOMS WITHOUT CEILINGS THE ROOF STRUCTURE AND ALL EXPOSED DUCTWORK, CONDUIT AND PIPING SHALL BE PAINTED PT-5 UNLESS NOTED OTHERWISE.
- ALL HOLLOW METAL DOOR FRAMES AND SECURITY DOOR FRAMES SHALL BE PAINTED PT-2 IN SEMI GLOSS FINISH UNLESS OTHERWISE INDICATED ON WALL FINISH PLANS.
- INTERIOR WINDOW TRIM TO BE PT-2 SEMI-GLOSS.
- ALL EXTERIOR HOLLOW METAL FRAMES TO BE PAINTED PT-2
- ALL TOPS OF RESTROOM WALL TILE SHALL BE TRIMMED OUT WITH A BULLNOSE TRIM PIECE TO MATCH TILE.
- USE SCHLUTER JOLLY IN POLISHED CHROME FINISH TRANSITION STRIPS OR EQUAL WHERE INDICATED ON FINISH PLAN. HEIGHT TO BE DETERMINED BY INSTALLER.
- USE SCHLUTER TRANSITION STRIPS OR EQUAL WHERE DIFFERENT STYLE CARPET TILE ARE ADJACENT.
- INSTALL ALL PRODUCTS PER MANUFACTURERS INSTRUCTIONS.
- ALL WOOD DOOR FINISH TO BE NATURAL BIRCH IN ONYX ON18

Interior Finish Schedule Notes

- ON ALL WALLS PROVIDE WT-1 UP TO 7' - 0" WITH PT- X ABOVE
- PROVIDE FIRE TREATED PLYWOOD UP TO 8' - 0" PAINTED PT-X ON ALL WALLS



1 Interior Finish Floor Plan
A8.1 1/8" = 1'-0"

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JACKSON COUNTY FLEET MAINT. & PUBLIC WORKS FACILITY
HENDRIX DRIVE, JEFFERSON, GA 30549

PROJECT

INTERIOR FINISH PLAN

DATE	NO. DESCRIPTION	CHECKED
07/18/24	30 % CONSTRUCTION DOCS	BKS

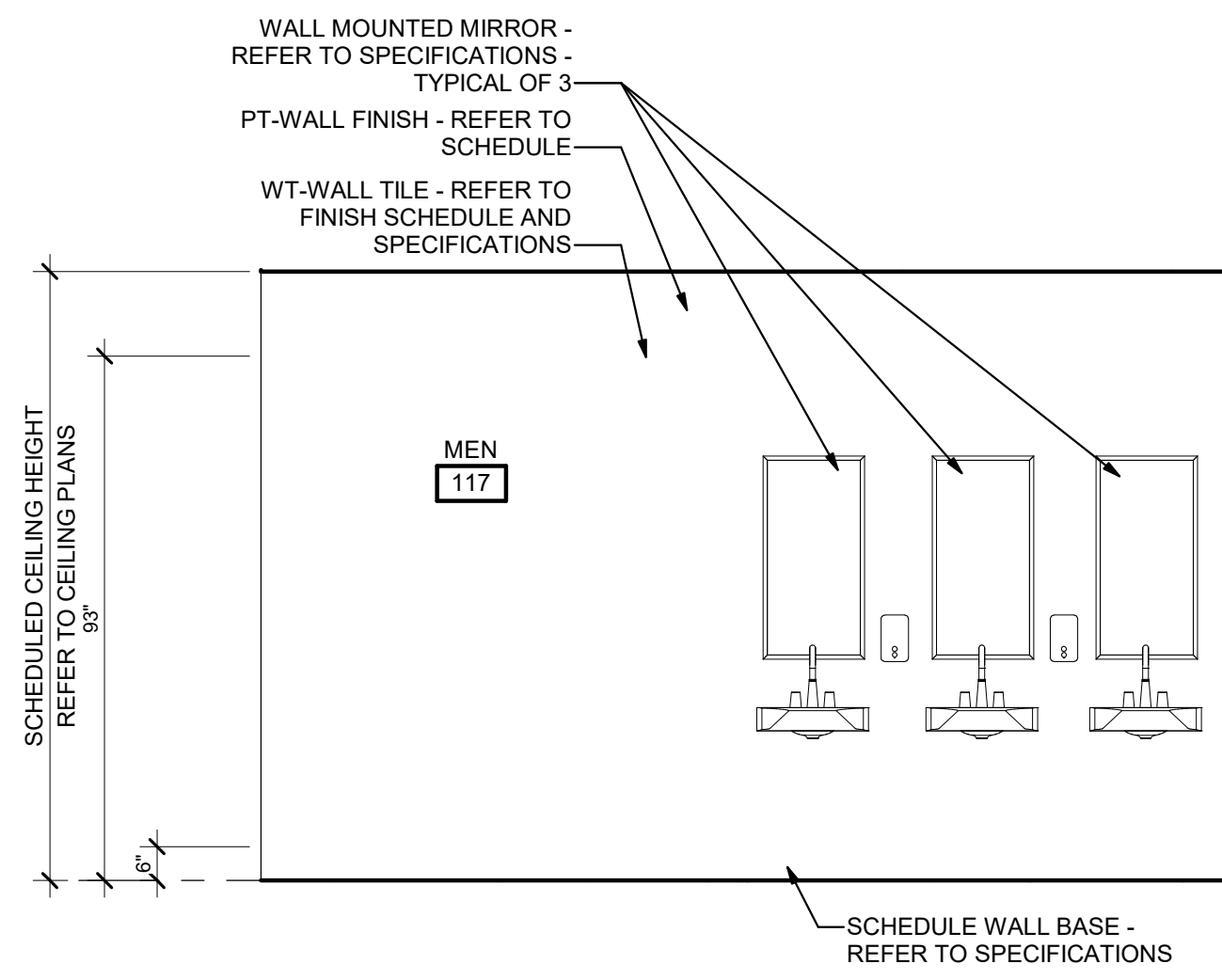
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PPI	RGB	BKS

SHEET TITLE

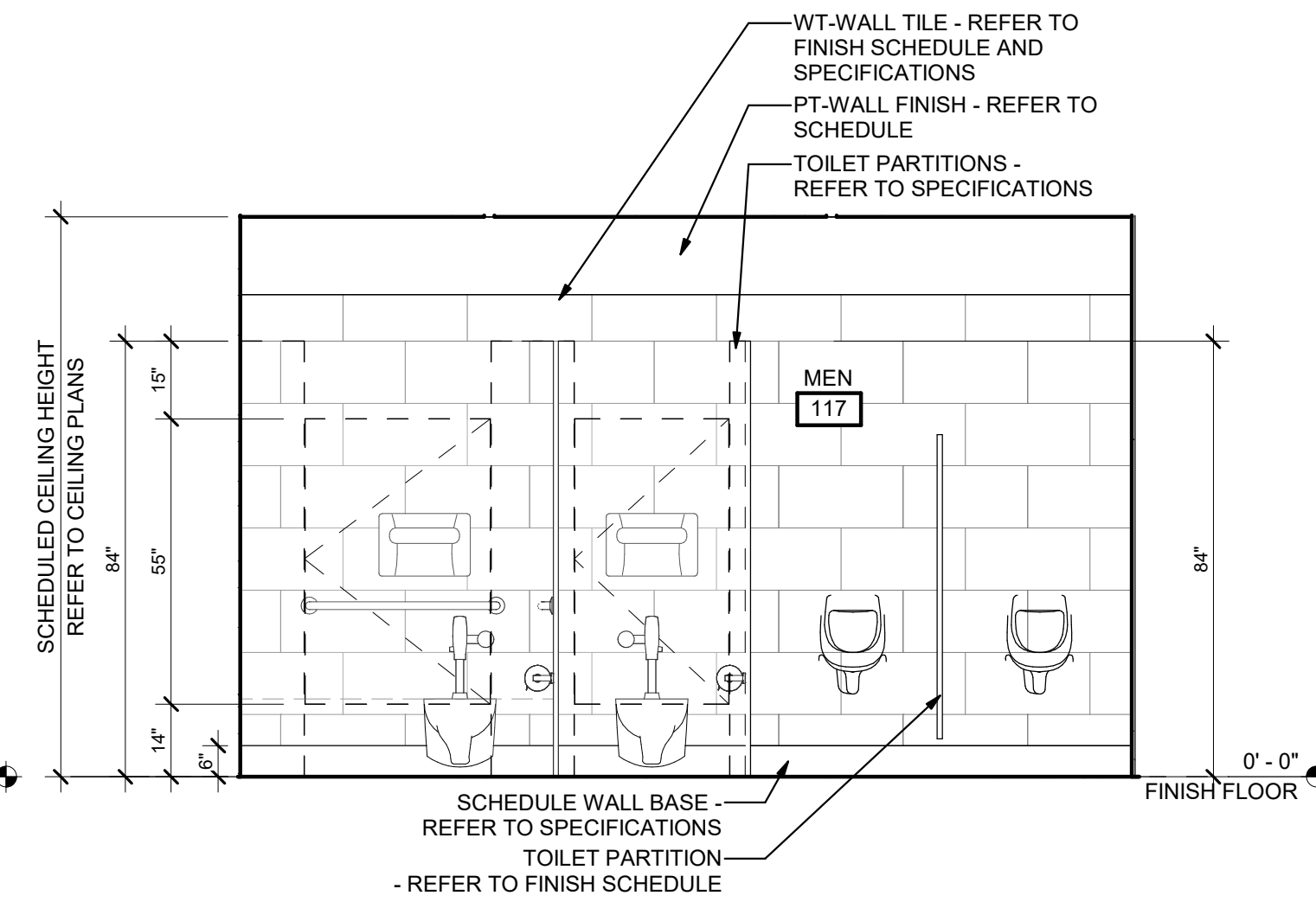
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A23-131 PROJ. NUMBER
FILE NAME
FILE NUMBER

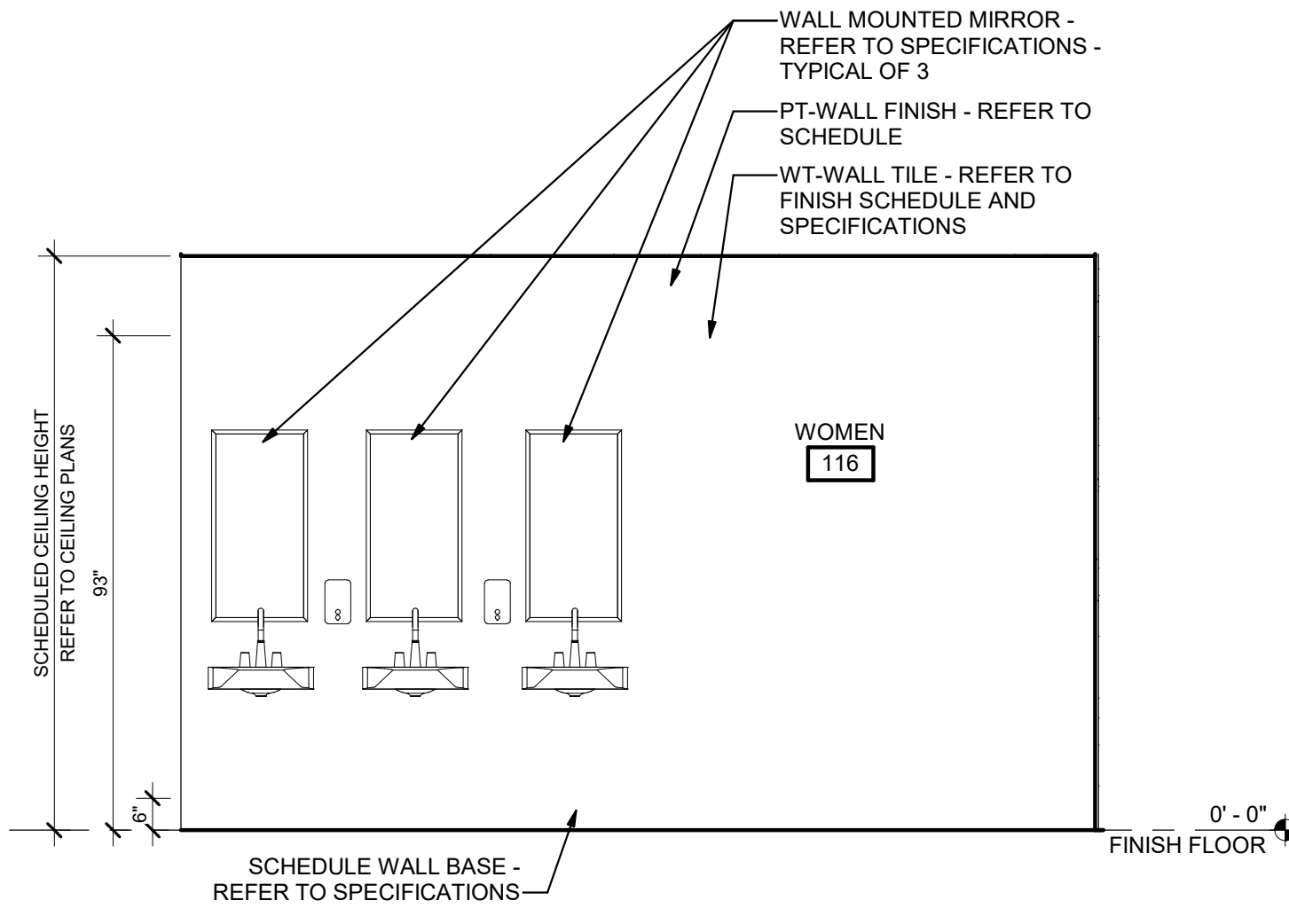
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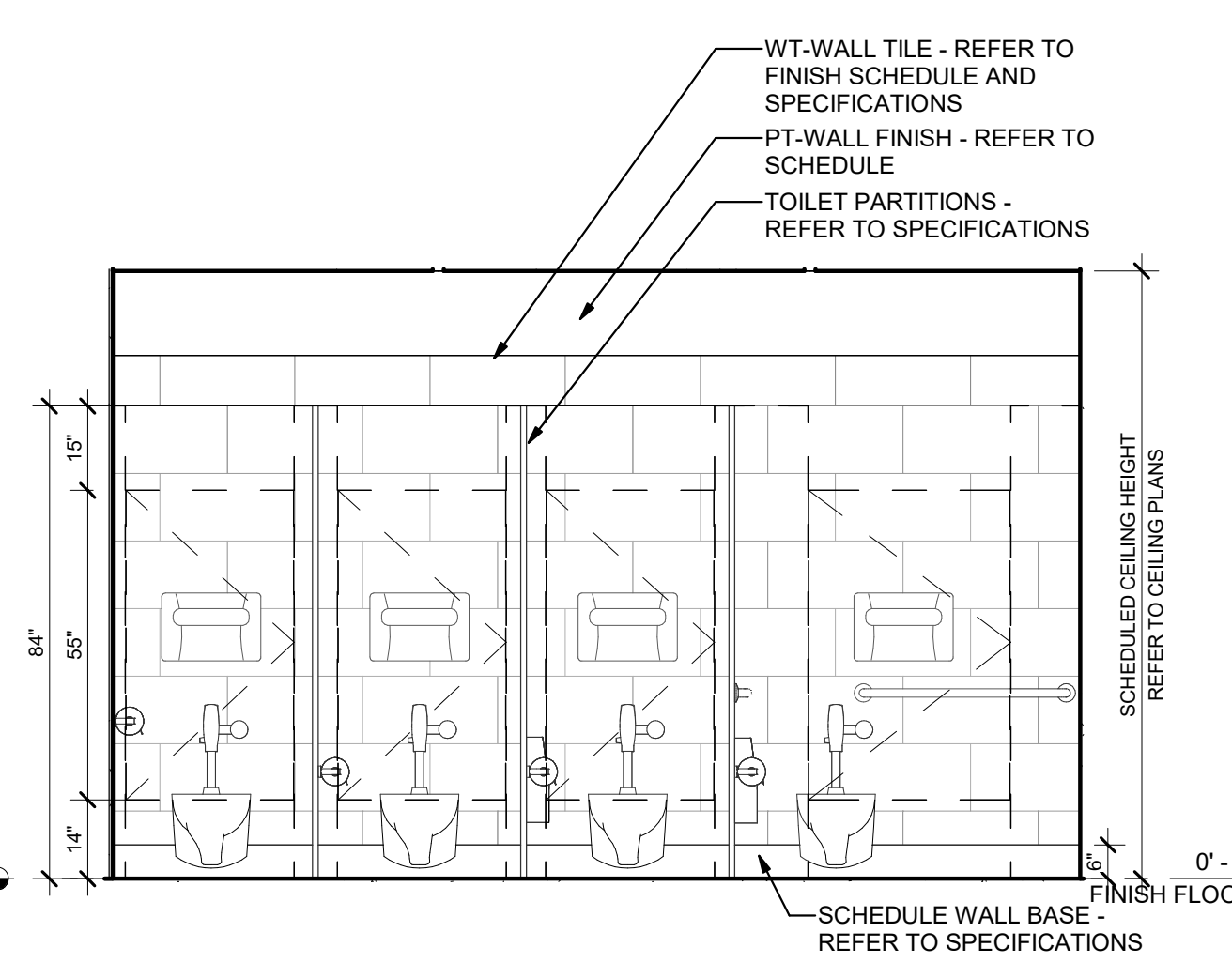
1 Men's Restroom - Elev 1
 A8.2 3/8" = 1'-0"



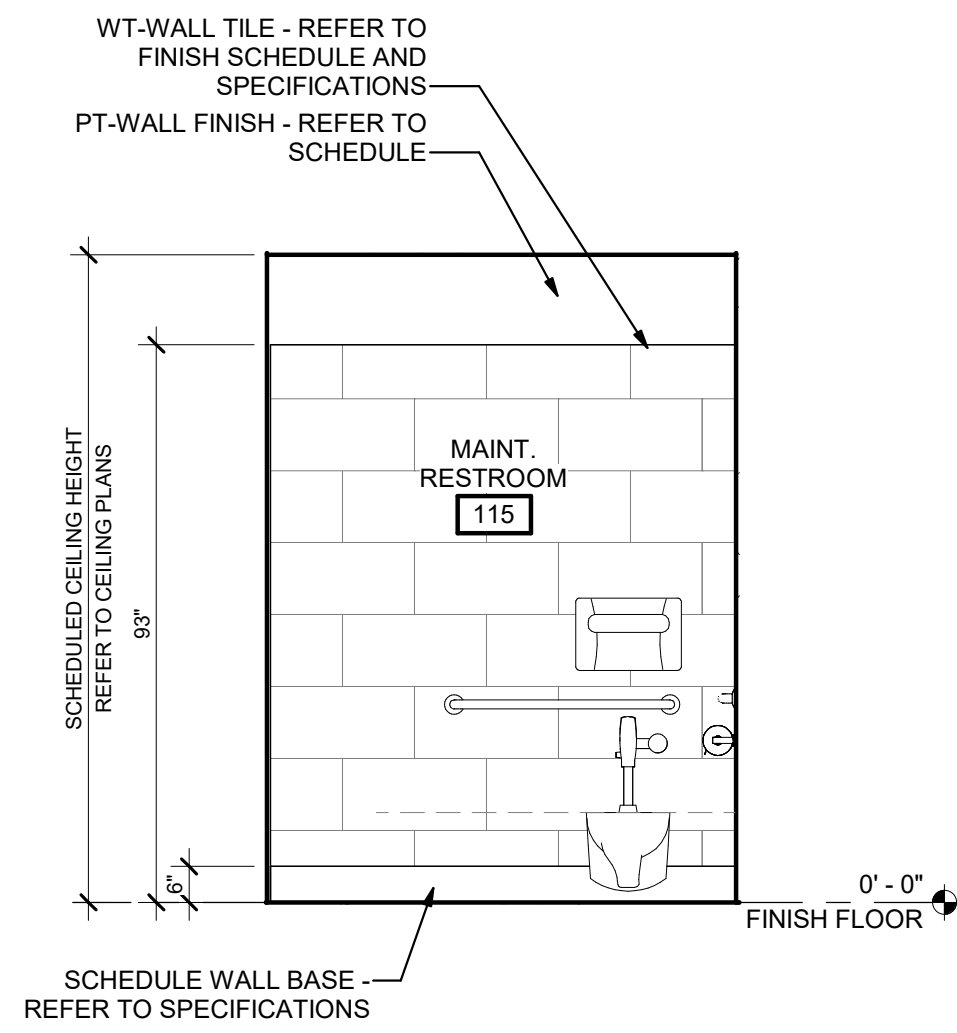
2 Men's Restroom - Elev 2
 A8.2 3/8" = 1'-0"



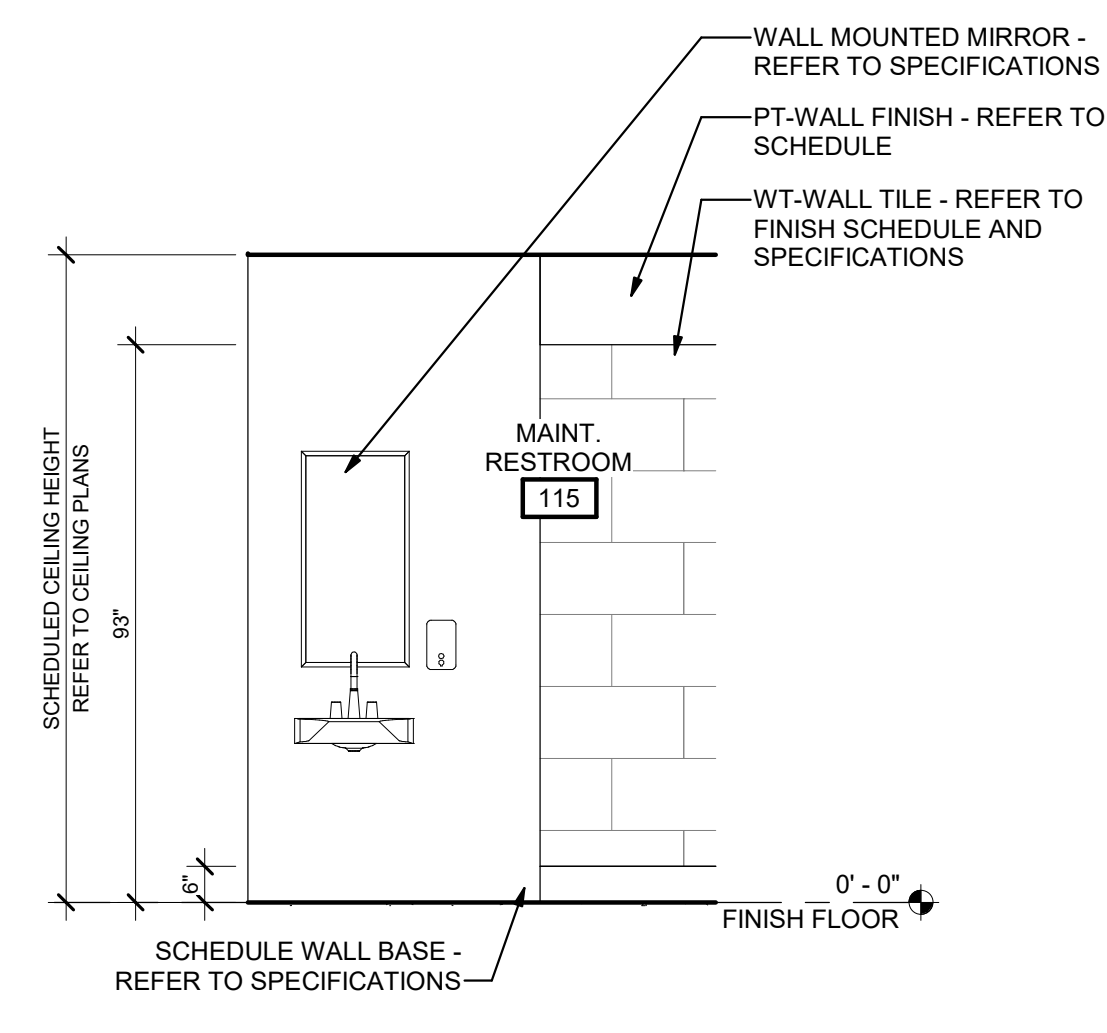
3 Women's Restroom - Elev 1
 A8.2 3/8" = 1'-0"



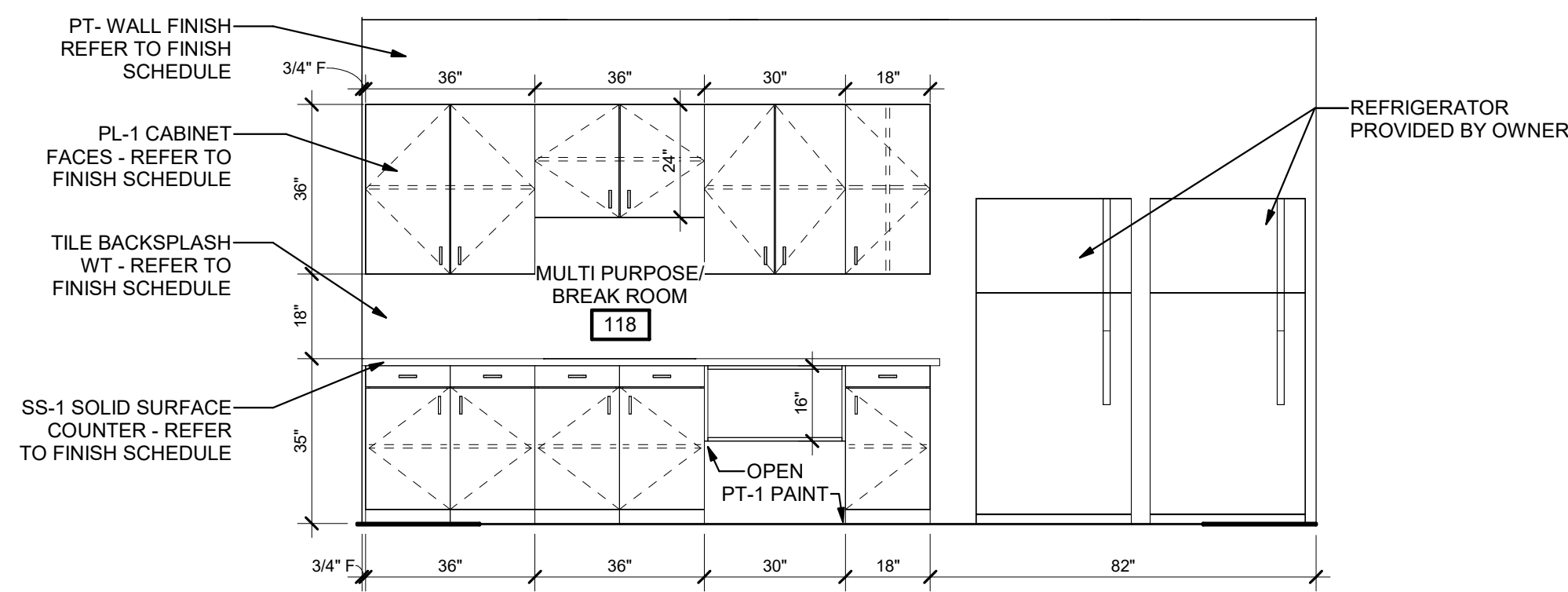
4 Women's Restroom - Elev 2
 A8.2 3/8" = 1'-0"



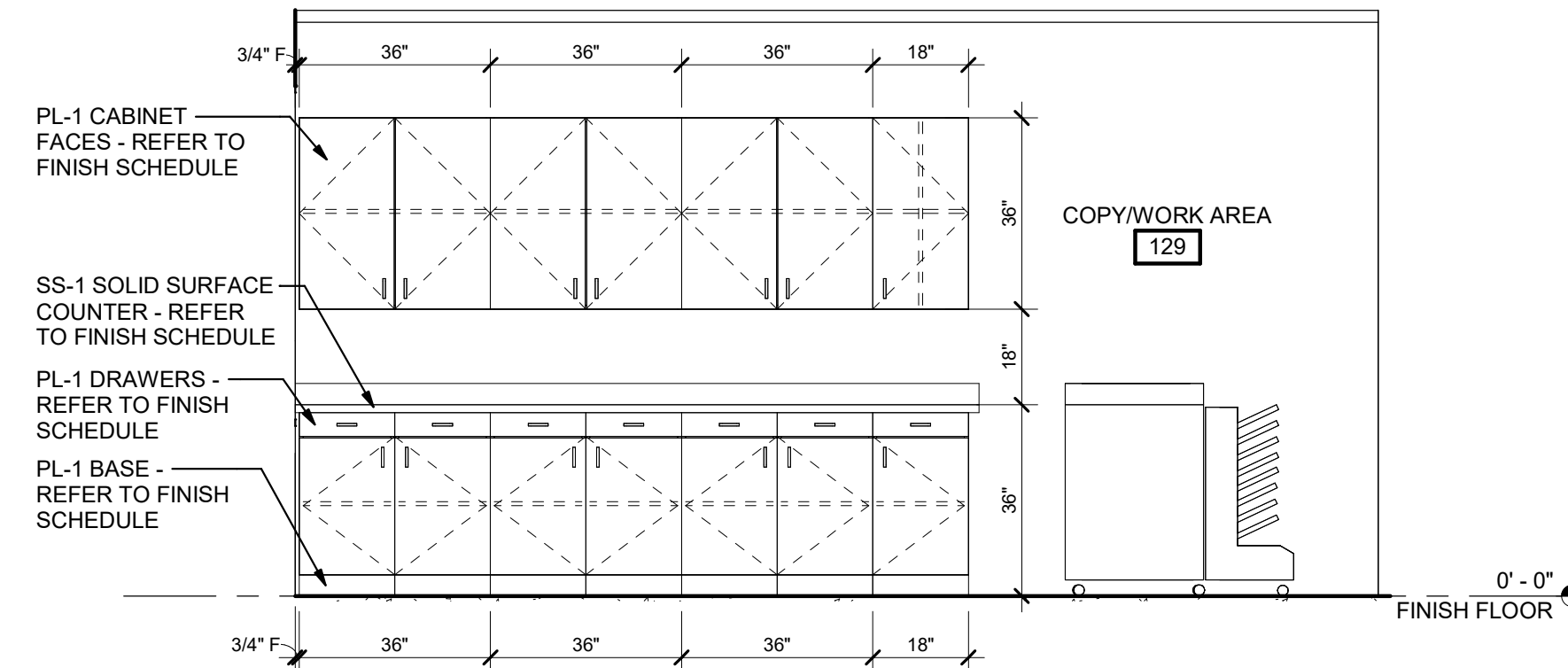
5 Maint. Restroom - Elev 1
 A8.2 3/8" = 1'-0"



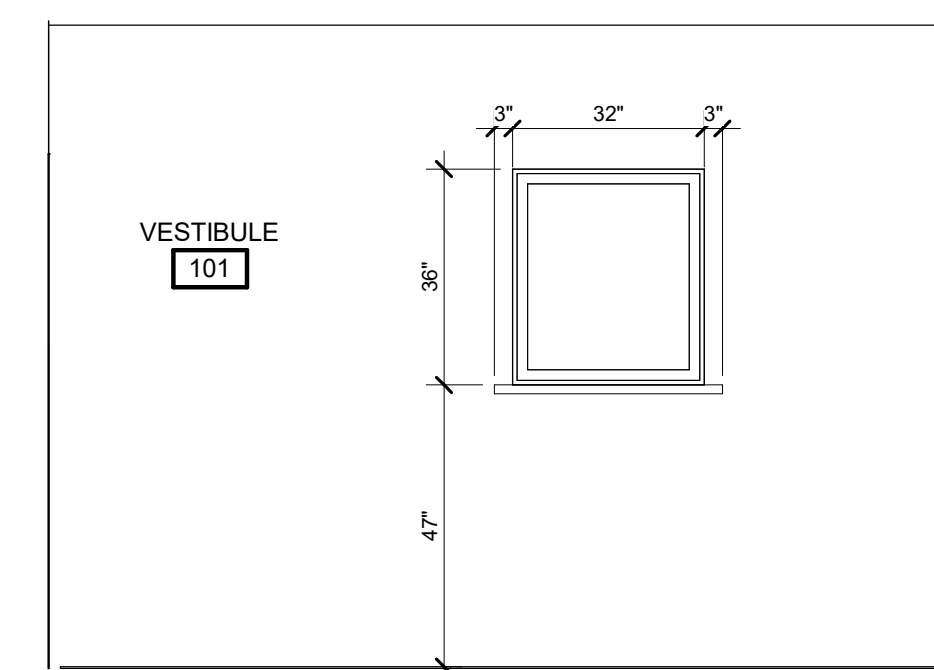
6 Maint. Restroom - Elev 2
 A8.2 3/8" = 1'-0"



7 Multi Purpose/ Break RM - Elevation
 A8.2 3/8" = 1'-0"



8 Copy/ Work Area
 A8.2 3/8" = 1'-0"



9 Vestibule
 A8.2 3/8" = 1'-0"

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INTERIOR ELEVATIONS
 DESIGN: PPI
 DRAWN: RGB
 CHECKED: BKS
 SHEET TITLE

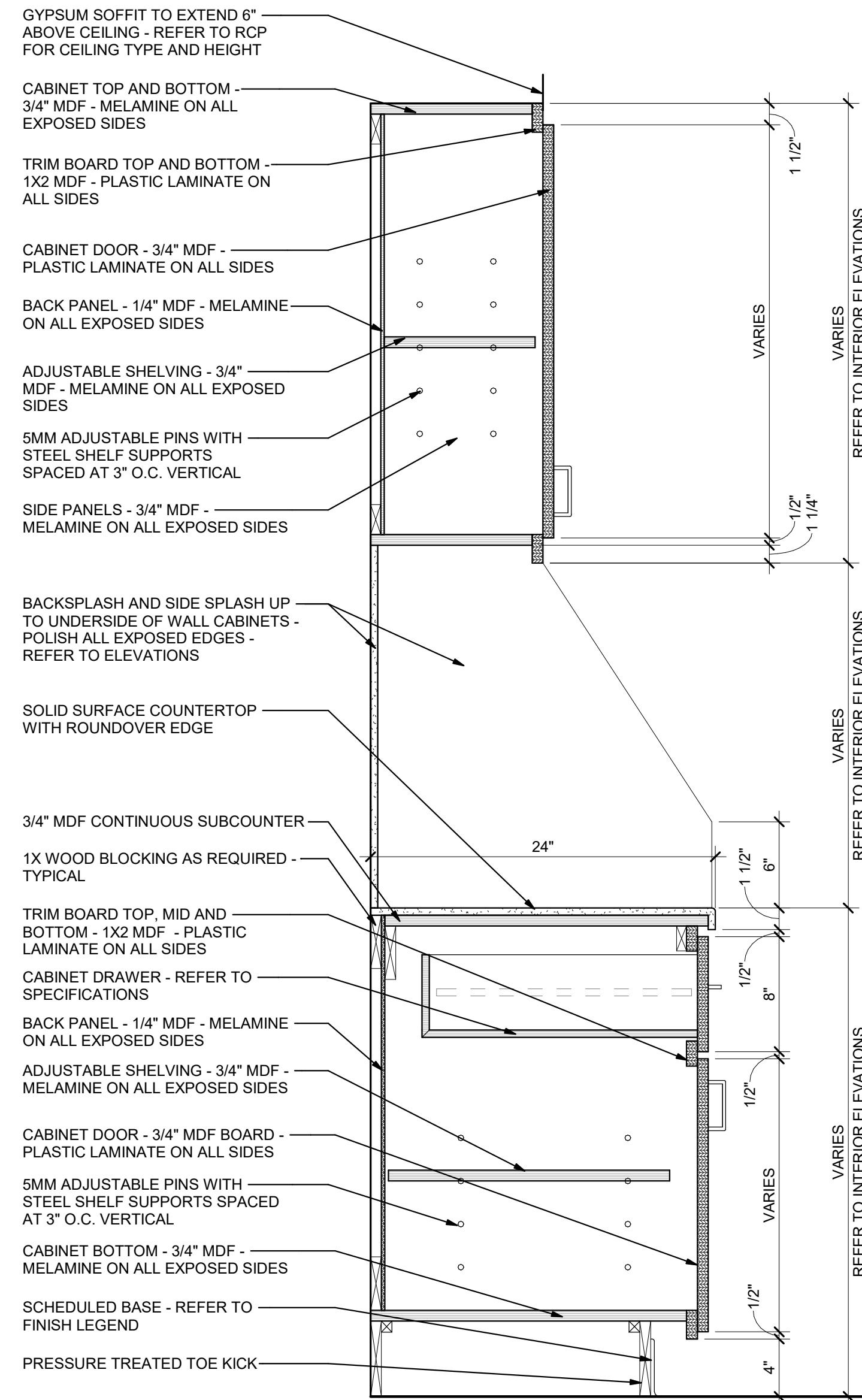
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 FILE NAME
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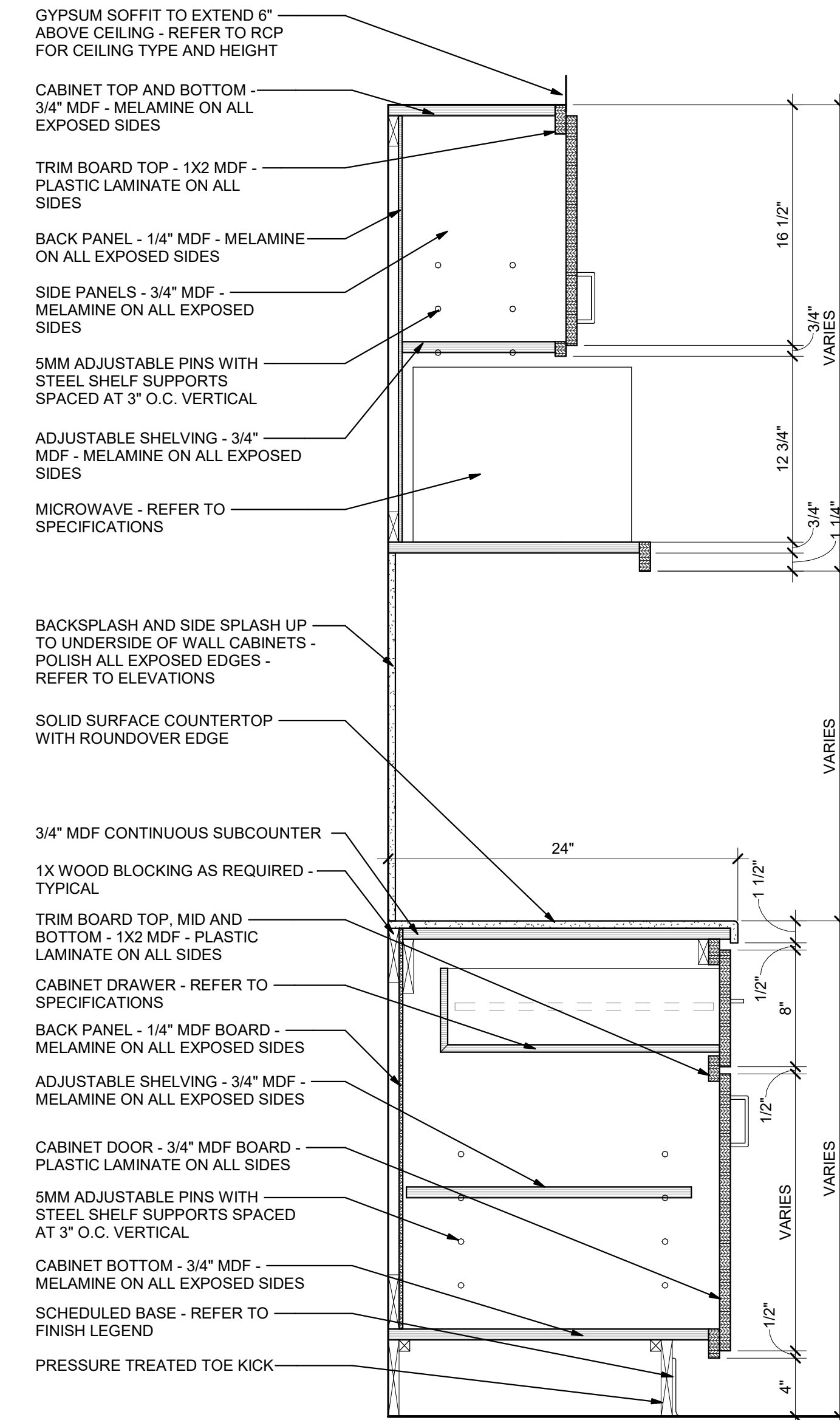
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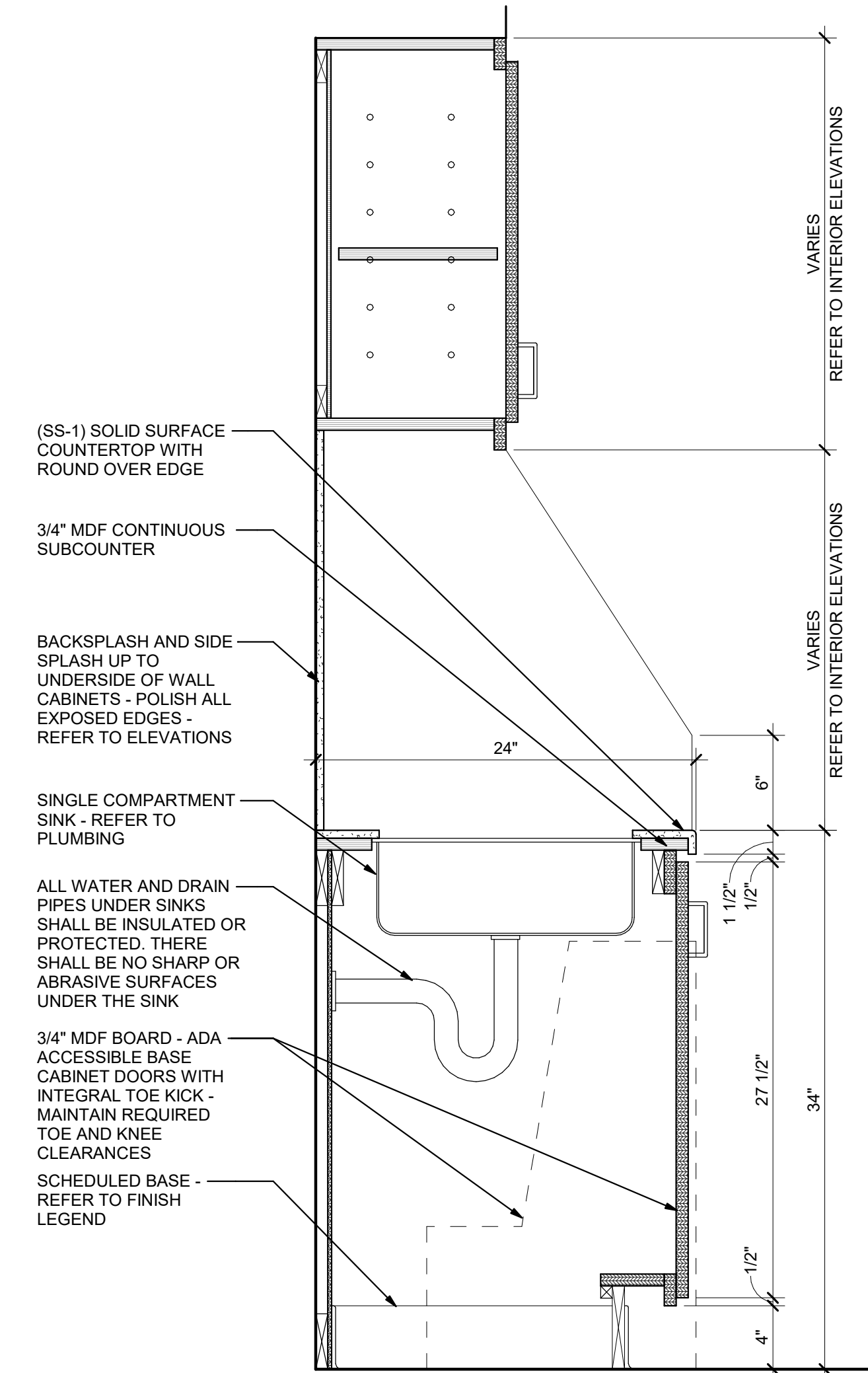
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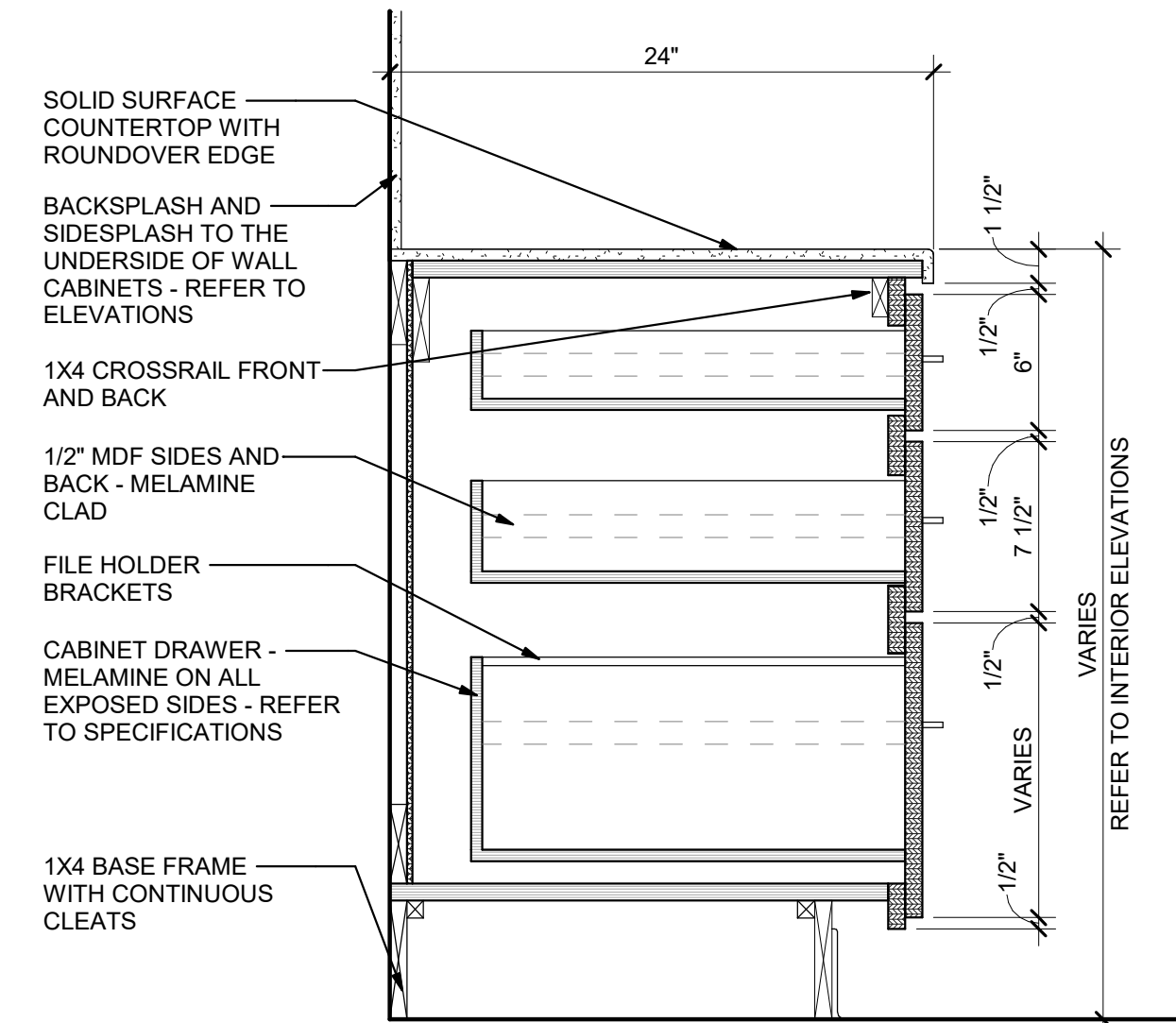
1 Typ. Millwork Section - MDF
A8.3 1 1/2" = 1'-0"



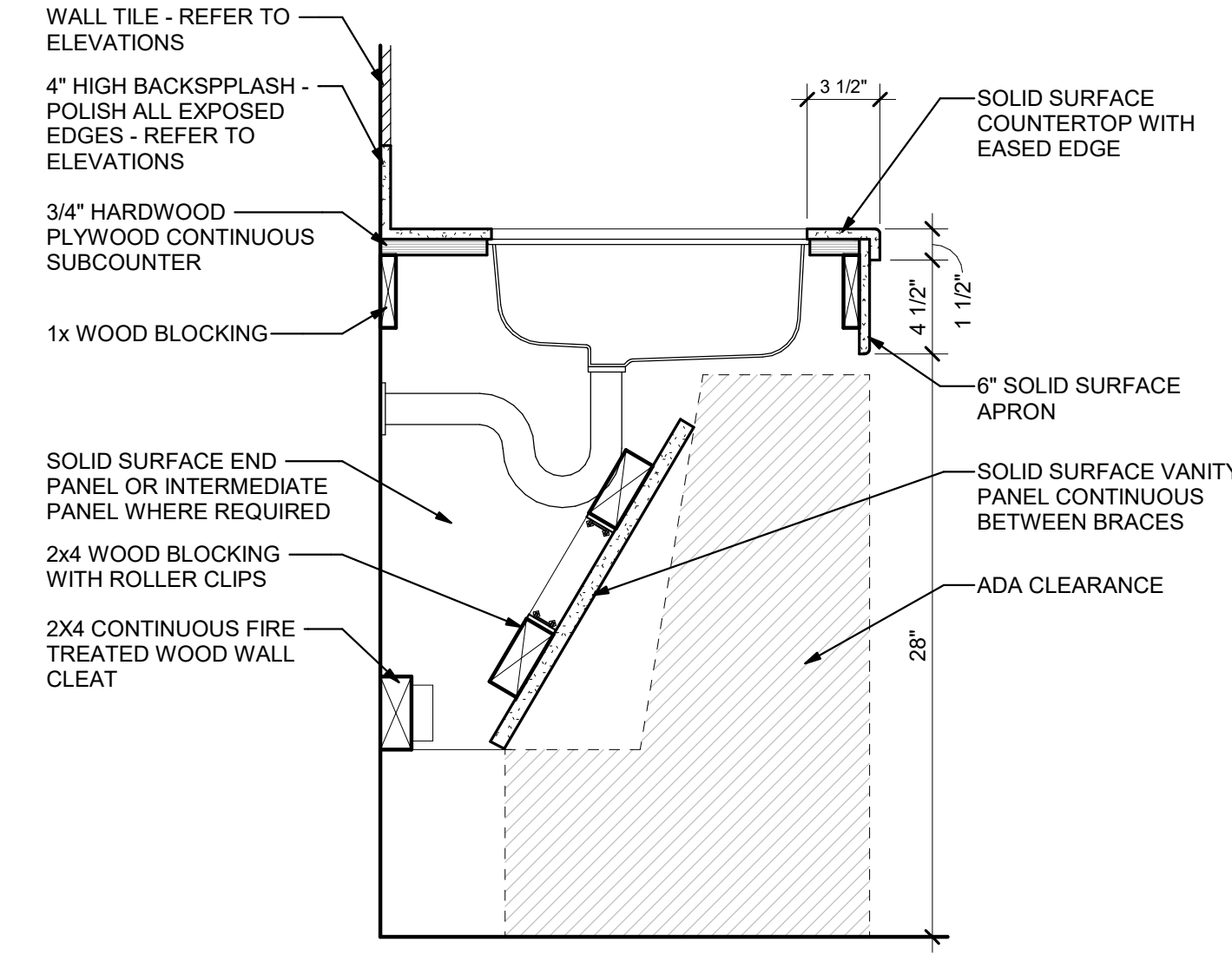
2 Typ. Millwork Section at Microwave - MDF
A8.3 1 1/2" = 1'-0"



3 Typ. Millwork Section at ADA Sink - MDF
A8.3 1 1/2" = 1'-0"



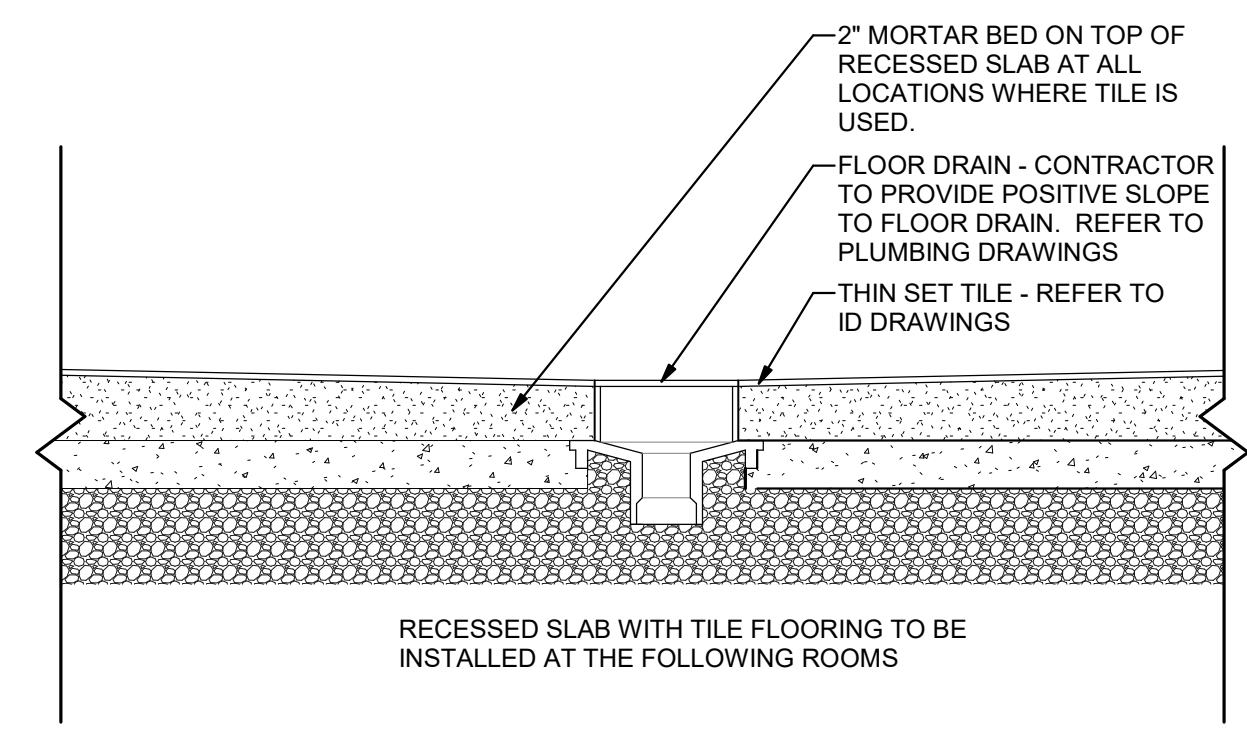
4 Typ. Drawer Millwork Section - MDF
A8.3 1 1/2" = 1'-0"



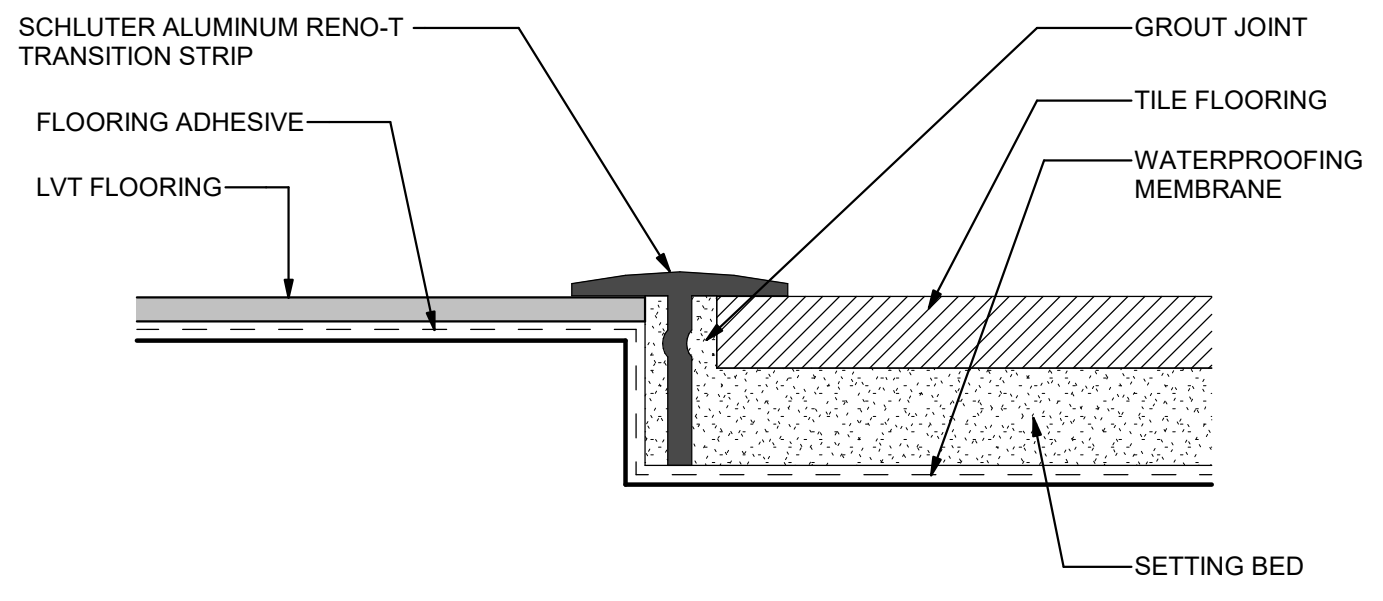
5 Typ. Millwork Section at Sink Apron - (Wood Blocking) HWPLYW
A8.3 1 1/2" = 1'-0"

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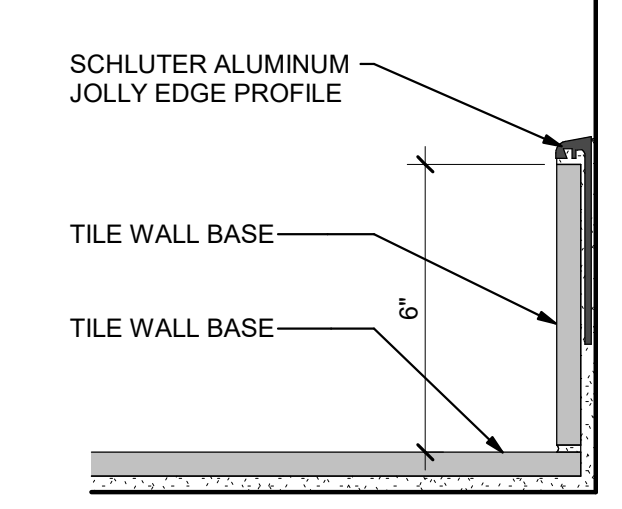
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<p>MILLWORK SECTIONS</p>	<p>SHEET TITLE</p>
<p>DATE: 07/18/24 NO. DESCRIPTION: 30 % CONSTRUCTION DOCS</p>	<p>DESIGN: PPI DRAWN: RGB CHECKED: BKS</p>
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<p>A8.3</p>	



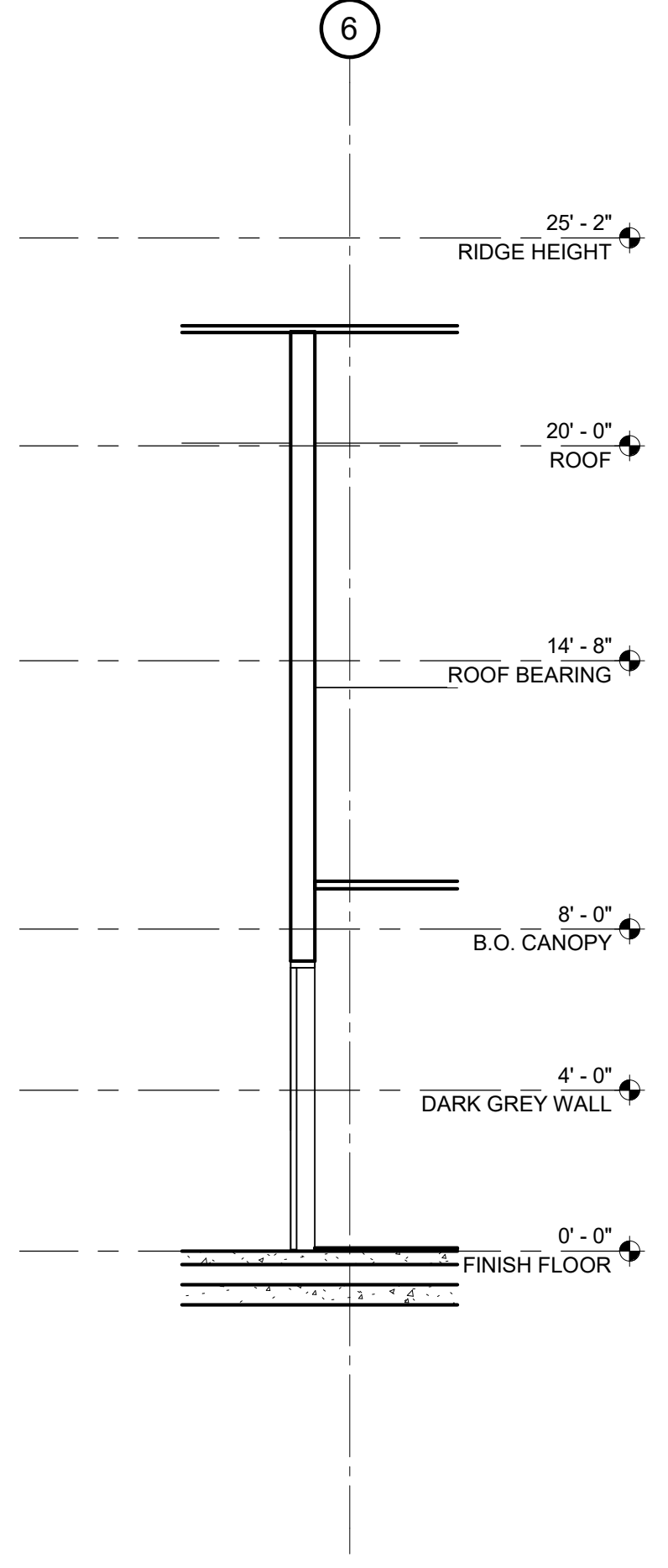
1 Recessed Slab at Tile Detail
 A8.4 1 1/2" = 1'-0"



2 LVT to Tile
 A8.4 12" = 1'-0"



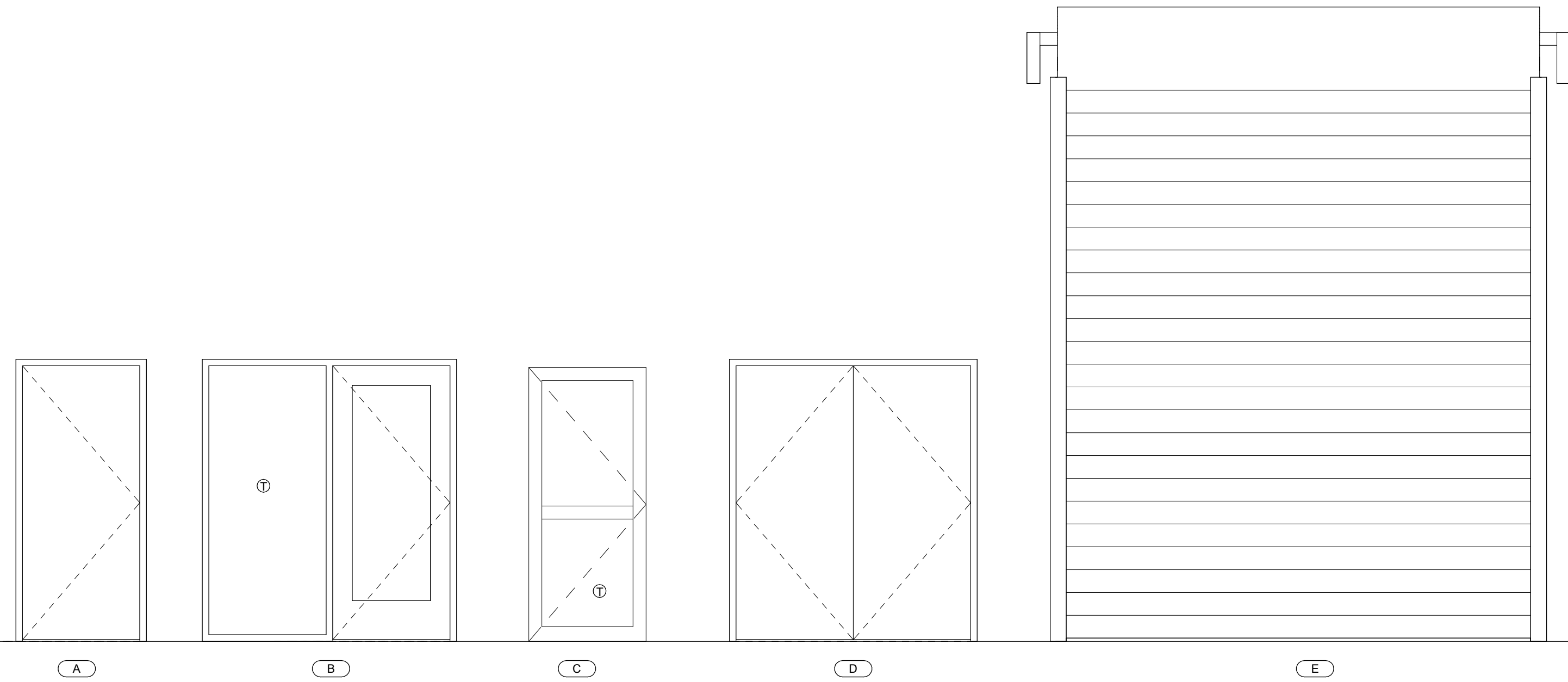
3 Wall Base - Tile
 A8.4 3" = 1'-0"



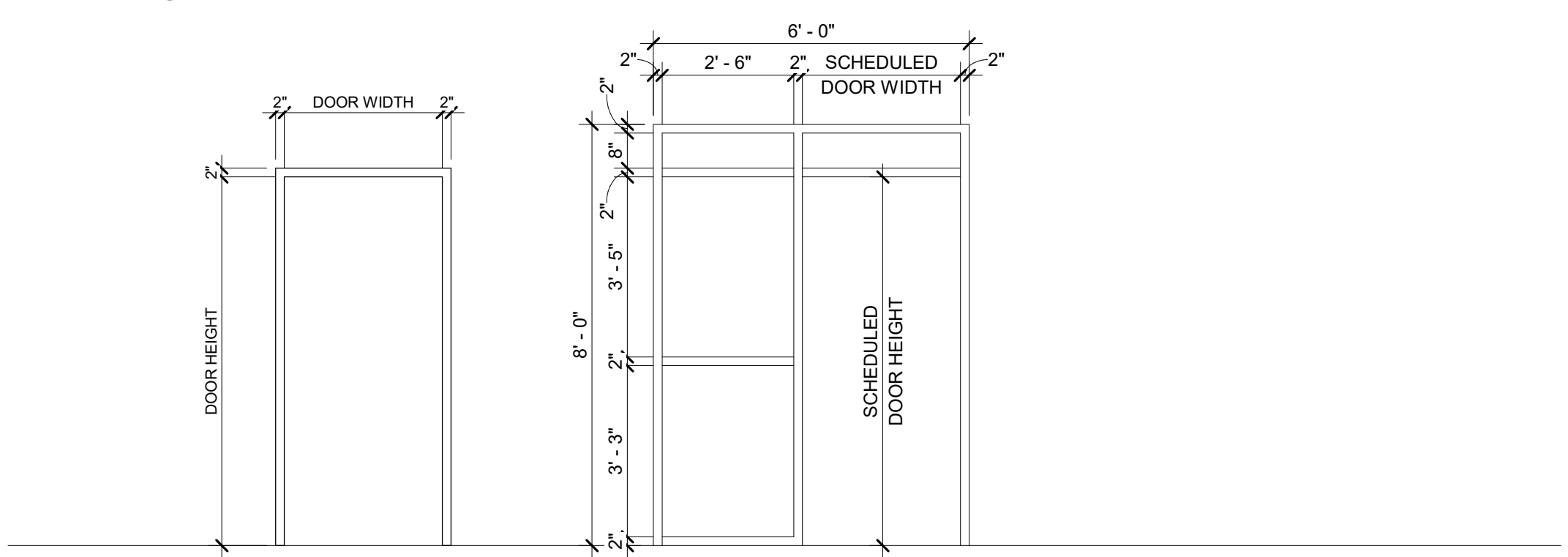
4 Detail
 A8.4 1/4" = 1'-0"

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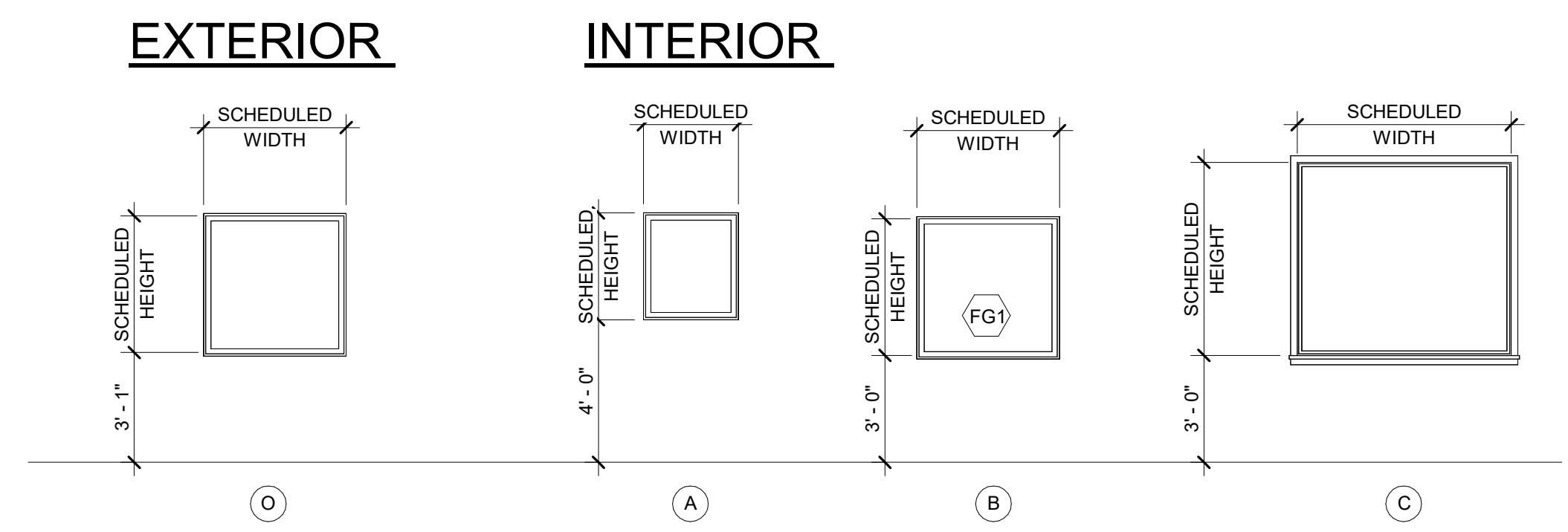
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<p>INTERIOR FINISH DETAILS</p>		<p>DESIGN: PPI</p>	<p>DRAWN: RGB</p>	<p>CHECKED: BKS</p>																								
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<p>07/18/24 DATE</p>	<p>A23-131 PROJ. NUMBER</p>	<p>FILE NAME</p>	<p>A8.4</p>																									
<p>FILE NUMBER</p>			<p>RELEASE</p>																									



Door Elevations
 3/8" = 1'-0"



1 Door Frame Elevations
 A9.1 3/8" = 1'-0"



Window Elevations
 1/4" = 1'-0"

Door Schedule

Door No.	Leaf Qty.	Door Width	Door Height	Door Thickness	Door Type	Door Mat.	Frame Type	Frame Mat.	Fire Rating	Glazing Type	Door Notes
101A	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
101B	1	3'-0"	6'-11 1/2"	0'-1 3/4"	C	AL	II	AL	-	G1	1,2,3,5,6,10
102	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
103	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	4
104	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
105	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
106	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
107	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
108	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	4
109	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
110	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
111	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
112	1	3'-0"	7'-0"	0'-1 3/4"	B	HM	I	HM	-	G2	4
113	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	45 MIN.	-	1,2,4,7,8,10
114	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	8,10
115	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	45 MIN.	-	1,2,10
116	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
117	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
118A	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	45 MIN.	-	1,2,4,7,8,10
118B	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	4,8,10
118C	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
119A	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	1,2,3,5,6,10
119B	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	45 MIN.	-	1,2,4,7,8,10
120A	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	4,10
120B	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	1,2,3,5,6,10
120C	2	3'-0"	7'-0"	0'-1 3/4"	D	HM	I	HM	45 MIN.	-	1,2,4,7,8,10
120D	N/A	12'-0"	14'-0"	0'-1 3/4"	E	STEEL	-	-	-	-	OVERHEAD
121	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
122	2	3'-0"	7'-0"	0'-1 3/4"	D	HM	I	HM	-	-	1,2,3,5,6,10
123	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
124	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	1,2,3,5,6,10
125	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
126	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
127	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
130A	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
130B	1	3'-0"	7'-0"	0'-1 3/4"	A	HM	I	HM	-	-	-
130C	N/A	12'-0"	14'-0"	0'-1 3/4"	E	STEEL	-	-	-	-	OVERHEAD
130D	N/A	12'-0"	14'-0"	0'-1 3/4"	E	STEEL	-	-	-	-	OVERHEAD
130E	N/A	12'-0"	14'-0"	0'-1 3/4"	E	STEEL	-	-	-	-	OVERHEAD
130F	N/A	12'-0"	14'-0"	0'-1 3/4"	E	STEEL	-	-	-	-	OVERHEAD
131A	2	3'-0"	7'-0"	0'-1 3/4"	D	HM	I	HM	-	-	-
131B	2	3'-0"	7'-0"	0'-1 3/4"	WT	HM	I	HM	-	-	1,2,3,5,6,10

Window Schedule

Window Type	Width	Height
A	2'-8"	3'-0"
B	4'-0"	4'-0"
C	6'-0"	5'-5"
O	4'-0"	5'-4"

Glazing Type Legend

(G1) INSULATED GLAZING:
 1" INSULATED HIGH PERFORMANCE TINTED FLOAT GLASS WITH ARGON GAS OR ARCHITECT APPROVED EQUAL. BASIS OF DESIGN IS 1" PPG SOLARBAN 60 (2) SOLARGRAY + CLEAR
 1. EXTERIOR LIGHT: 1/4" TINTED ANNEALED GLASS WITH LOW-E 366 COATING ON #2 SURFACE
 2. 1/2" AIRSPACE WITH ARGON GAS
 3. INTERIOR LIGHT: 1/4" CLEAR ANNEALED GLASS
 - U-VALUE (SUMMER) = 0.27
 - U-VALUE (WINTER) = 0.29
 - SHGC = 0.24

(G2) SPANDREL GLAZING:
 1" INSULATED HIGH PERFORMANCE TINTED SPANDREL GLASS OR ARCHITECT APPROVED EQUAL. BASIS OF DESIGN IS 1" PPG SOLARBAN 70XL STARFIRE
 1. EXTERIOR LIGHT: 1/4" PPG SOLARBAN 70XL STARFIRE
 2. 1/2" AIRSPACE WITH ARGON GAS
 3. INTERIOR LITE: 1/4" CLEAR HSW SOLEX PRIT

(FG1) FIRE RATED INTERIOR GLAZING:
 5/16" 1-HOUR RATED ASSEMBLY. BASIS OF THE DESIGN IS TGP FIRELITE PREMIUM PLUS ULTRA HD FIRE RATED GLAZING

(T) = TEMPERED GLASS

GLAZING NOTES:

- EACH WINDOW AND DOOR LOCATED IN WALLS WHICH SEPARATE CONDITIONED AND UNCONDITIONED SPACE SHALL BE LABELED BY THE MANUFACTURER TO CERTIFY COMPLIANCE WITH THE REQUIREMENTS OF NATIONAL FENESTRATION RATING COUNCIL.
- IN ACCORDANCE WITH TABLE 502.3 OF THE GEORGIA AMENDMENTS TO THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE MAXIMUM ASSEMBLY U-FACTOR SHALL BE 0.65, MAXIMUM SHGC SHALL BE 0.25.
- U-FACTOR, SHGC AND AIR LEAKAGE SHALL BE DETERMINED BY A LABORATORY ACCREDITED BY A NATIONALLY RECOGNIZED ACCREDITATION ORGANIZATION, SUCH AS THE NATIONAL FENESTRATION RATING COUNCIL, AND SHALL BE LABELED AND CERTIFIED BY THE MANUFACTURER.
- INTERIOR GLASS PANELS ADJACENT TO A WALKING SURFACE SHALL BE INSTALLED TO ADEQUATELY RESIST A HORIZONTAL DESIGN FORCE OF 50 POUNDS PER LINEAR FOOT APPLIED TO EACH PANEL AT ANY POINT UP TO 42 INCHES ABOVE THE WALKING SURFACE.

Door Schedule Notes

1. INSULATED DOOR	6. DRIP EDGE
2. CONTINUOUS HINGE	7. ARMOR PLATE
3. LATCH PROTECTOR	8. KICK PLATE
4. SOUND SEALS	9. GROUT FRAME SOLID
5. WEATHER SEALS	10. CLOSER

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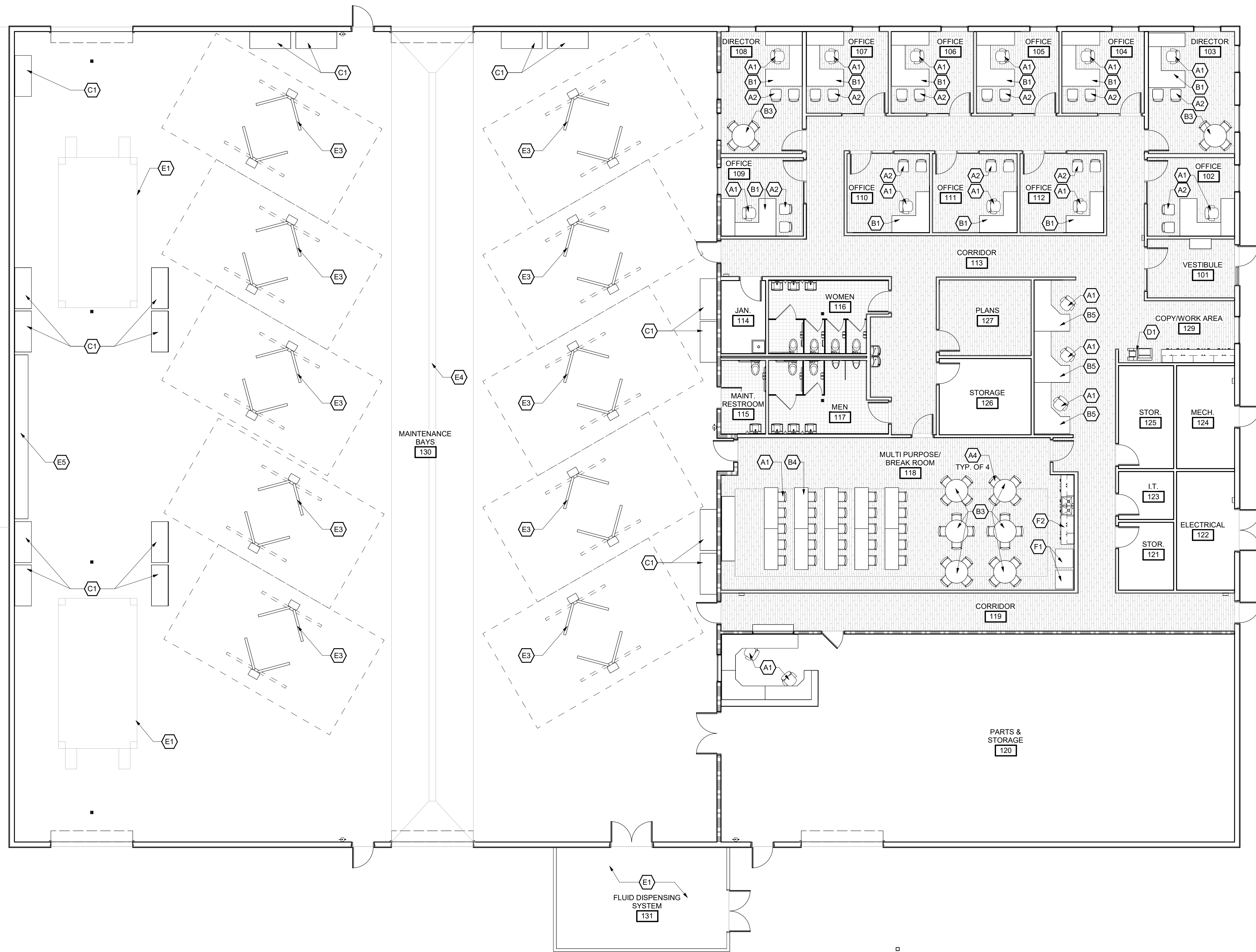
HENDRIX DRIVE,
 JEFFERSON, GA 30549

PROJECT

SHEET TITLE

RELEASE

A9.1



1 Finish Floor Plan
 A10.1 1/8" = 1'-0"

Fixtures, Furnishings and Equipment Plan Keynotes

SEATING

- A1 OWNER PROVIDED EXECUTIVE TASK CHAIR - N.I.C. SHOWN FOR REFERENCE ONLY
- A2 OWNER PROVIDED ARMLESS GUEST CHAIR - N.I.C. SHOWN FOR REFERENCE ONLY
- A3 OWNER PROVIDED CONFERENCE ARMLESS EXECUTIVE CHAIR - N.I.C. SHOWN FOR REFERENCE ONLY
- A4 OWNER PROVIDED STACKING/NESTING DINING CHAIR - N.I.C. SHOWN FOR REFERENCE ONLY

DESKS/TABLES

- B1 OWNER PROVIDED MODULAR EXECUTIVE 60" X 90" DESK - N.I.C. SHOWN FOR REFERENCE ONLY
- B2 OWNER PROVIDED 10 PERSON CONFERENCE TABLE - N.I.C. SHOWN FOR REFERENCE ONLY
- B3 OWNER PROVIDED 48" ROUND BREAK ROOM TABLE - N.I.C. SHOWN FOR REFERENCE ONLY
- B4 OWNER PROVIDED 72" X 24" DESK - N.I.C. SHOWN FOR REFERENCE ONLY
- B5 OWNER PROVIDED 60" X 30" WORK DESK STATION - N.I.C. SHOWN FOR REFERENCE ONLY

STORAGE/SHELVING

- C1 CONTRACTOR PROVIDED PARTS & STORAGE SHELVING UNIT
- C2 NOT USED
- C3 NOT USED

OFFICE EQUIPMENT

- D1 OWNER PROVIDED COMMERCIAL COPPIER/PRINTER - N.I.C. SHOWN FOR REFERENCE ONLY
- D2 OWNER PROVIDED COMPUTER - N.I.C. SHOWN FOR REFERENCE ONLY
- D3 NOT USED
- D3 NOT USED

MAINTENANCE BAY EQUIPMENT

- E1 CONTRACTOR PROVIDED TRUCK LIFT SYSTEM
- E2 CONTRACTOR PROVIDED FLUID DISPENSING SYSTEM
- E3 CONTRACTOR PROVIDED CAR LIFT SYSTEM
- E4 CONTRACTOR PROVIDED TRENCH DRAIN - REFER TO PLUMBING
- E5 WORK TABLE
- E6 50' AIR HOSE REEL
- E7 JET BAND SAW
- E8 200 GALLON NEW OIL TANK BY VENDOR
- E9 OWNER PROVIDED AIR COMPRESSOR
- E11 MIG WELDER
- E12 STICK WELDER
- E13 PLASMA CUTTER
- E14 TABLE VICE
- E15 HORIZONTAL BAND SAW
- E16 HOSE PRESS
- E17 SAND BLASTER
- E18 BRAKE LATHE
- E19 OIL HOSE DROP
- E20 TRUCK TIRE MACHINE
- E31 DRILL PRESS
- E32 BIG GRINDER
- E33 500 GALLON WASTE OIL TANK BY VENDOR

FOOD SERVICE EQUIPMENT

- F1 OWNER PROVIDED FULL SIZE REFRIGERATOR - N.I.C. SHOWN FOR REFERENCE ONLY
- F2 OWNER PROVIDED MICROWAVE - N.I.C. SHOWN FOR REFERENCE ONLY

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 HENDRIX DRIVE,
 JEFFERSON, GA 30549

FF&E PLAN AND
 NOTES
 DESIGN PPI
 DRAWN RGB
 CHECKED BKS

NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE
1	30 % CONSTRUCTION DOCS	07/18/24			

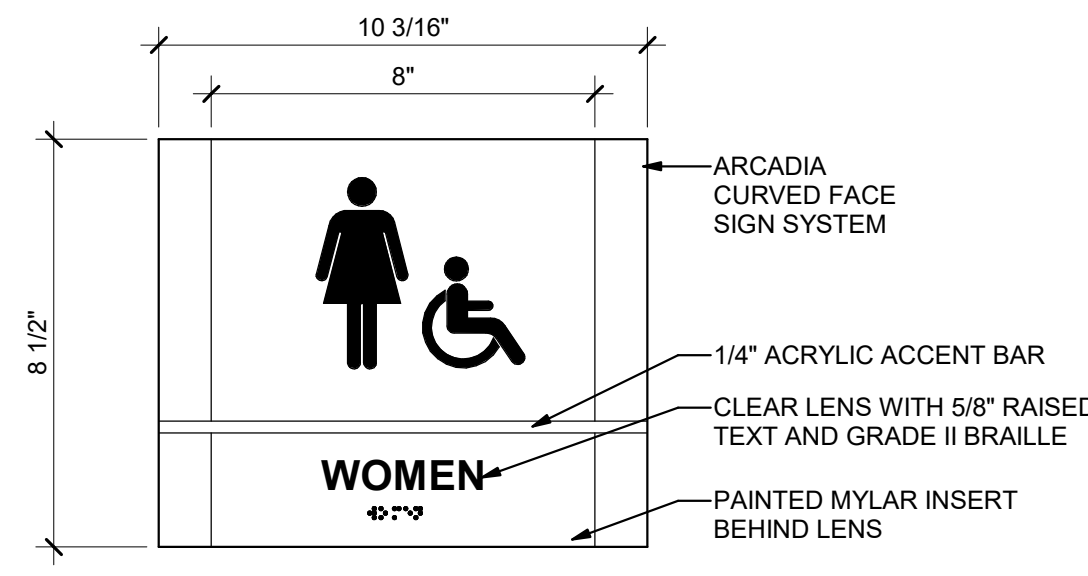
07/18/24
 DATE
 A23-131
 PROJ. NUMBER
 FILE NAME
 FILE NUMBER

A10.1

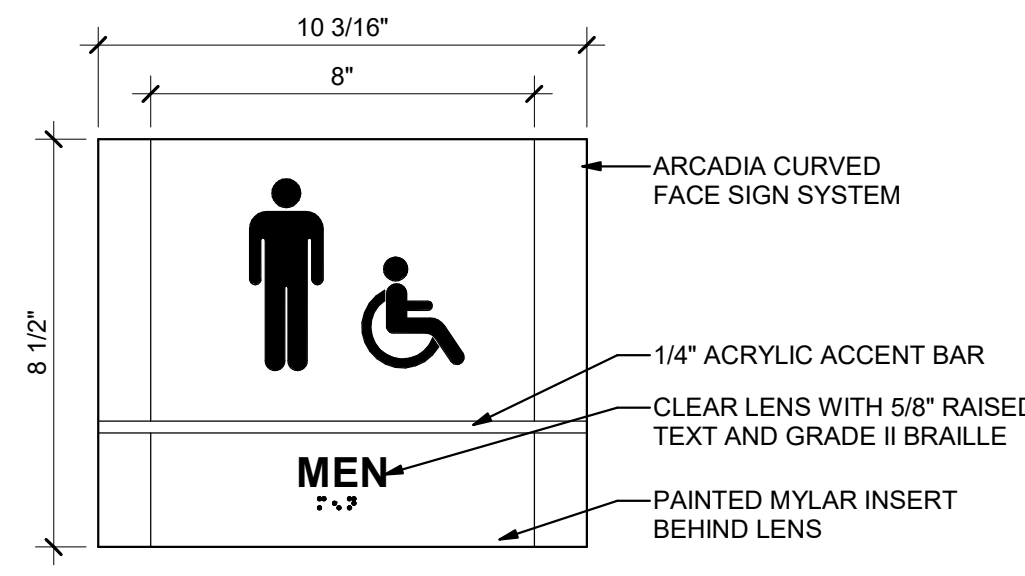
General Notes

- CONTRACTOR TO PROVIDE BLOCKING AS NEEDED

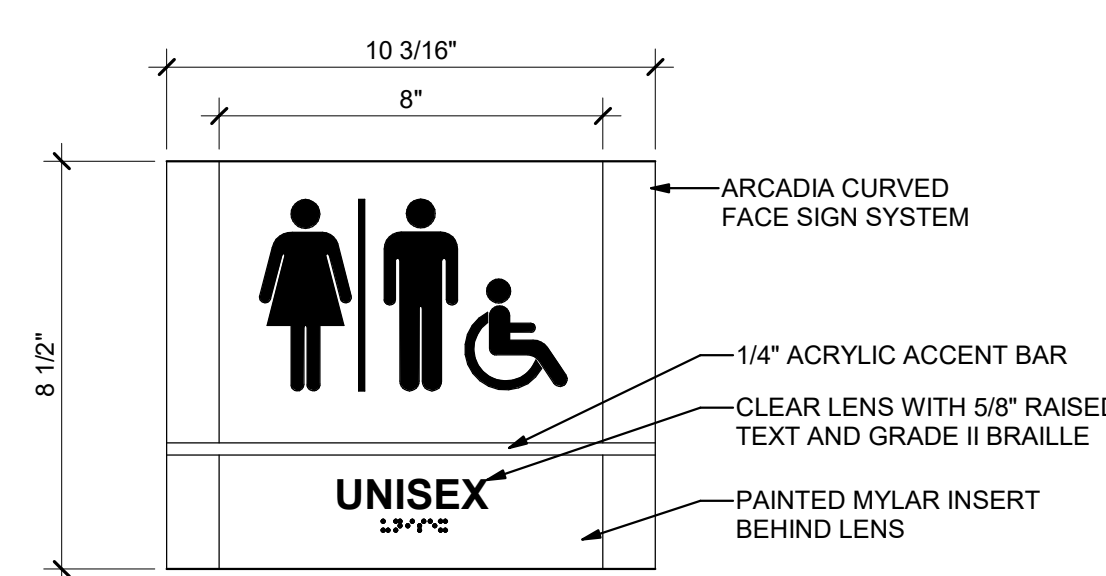
PROJECT SHEET TITLE RELEASE



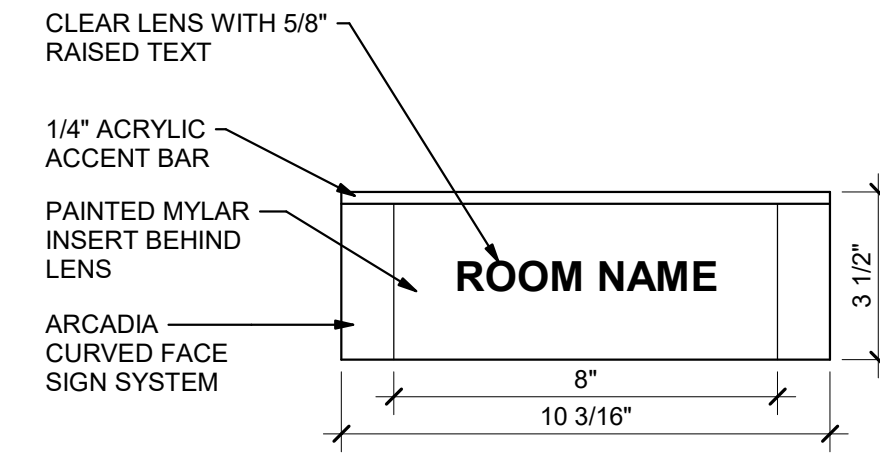
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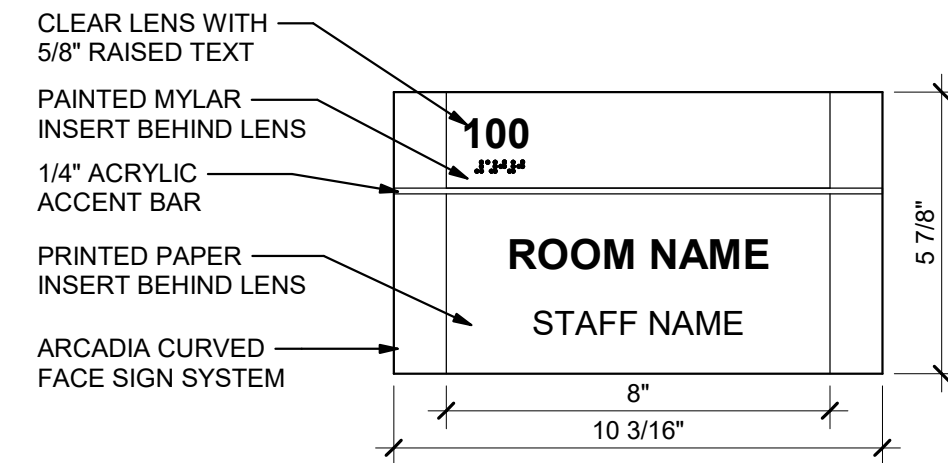
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D



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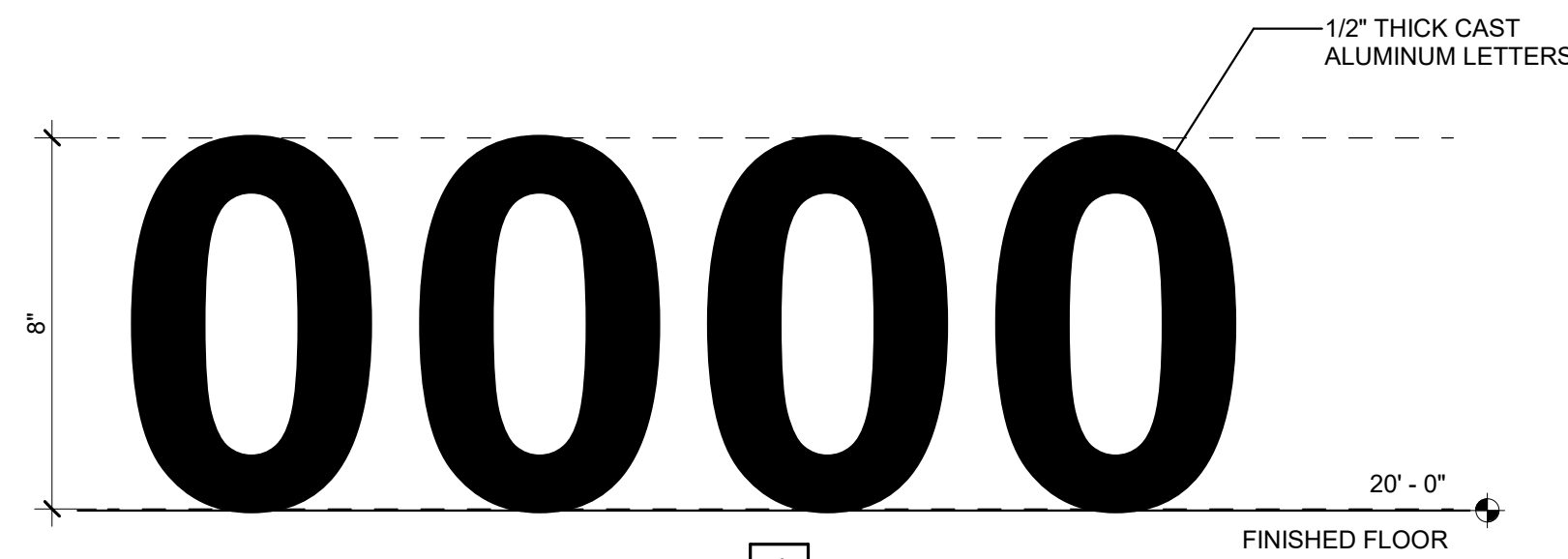


F

JACKSON COUNTY
FLEET MANAGEMENT
HOURS OF OPERATION
8:00am-5:00pm
TELEPHONE NUMBER
(000) 000-0000

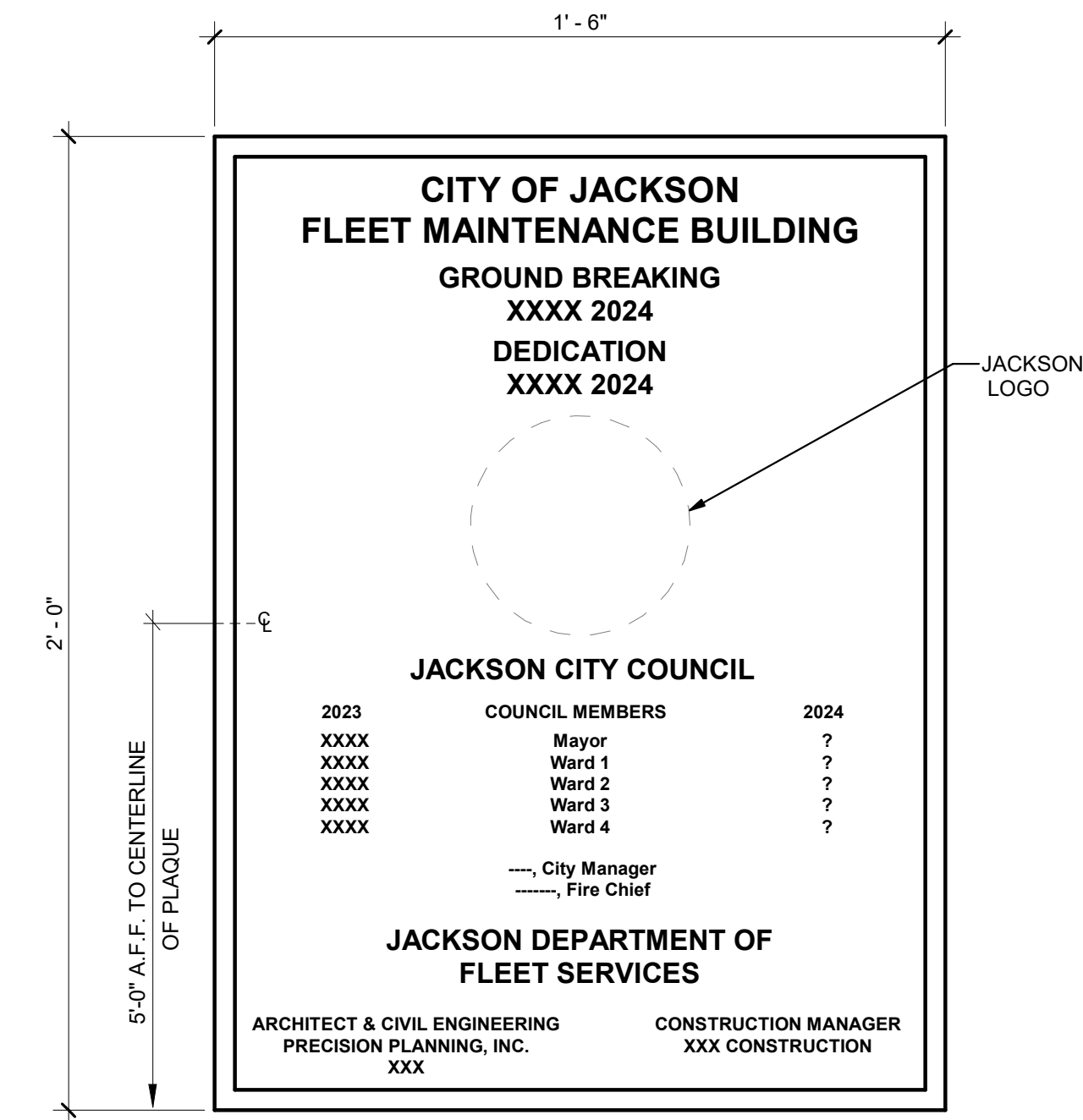
G

1 Interior Signage
A10.2 3" = 1'-0"



J

2 Building Number Signage
A10.2 3" = 1'-0"



N

3 Building Plaque
A10.2 3" = 1'-0"

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MAINT. & PUBLIC WORKS
FACILITY**
HENDRIX DRIVE,
JEFFERSON, GA 30549

SIGNAGE DETAILS	DESIGN PPI	DRAWN RGB	CHECKED BKS
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DATE	NO. DESCRIPTION
07/18/24	30 % CONSTRUCTION DOCS

07/18/24	A23-131		
DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

A10.2

STAMP

PROJECT

SHEET TITLE

RELEASE

DESIGN:
BUILDING CODE: INTERNATIONAL BUILDING CODE 2018 (IBC) W/ GEORGIA AMENDMENTS
RISK CATEGORY: II
WIND:
V_{max} = 107 MPH (3-SECOND GUST)
V_{avg} = 83 MPH (NOMINAL - ASD)
INTERNAL PRESSURE COEFFICIENT = 0.18 ENCLOSED OFFICE AREA PEMB
EXPOSURE CATEGORY C
COMPONENTS AND CLADDING: COMPONENTS AND CLADDING ELEMENTS NOT SPECIFICALLY DESIGNED ON THESE DRAWINGS SHALL BE DESIGNED ACCORDING TO THE WIND SPEEDS STIPULATED BY IBC 2018 FOR THE TRIBUTARY AREA OF THE SPECIFIC COMPONENT.
MIN DESIGN PRESSURE = 23.5 PSF (WALLS, 100 SQ FT, NON-END ZONE)
MAIN WIND RESISTING SYSTEM LOADS FOR BY SPECIALTY ENGINEER
LATERAL LOAD RESISTING SYSTEM FOR PRE-ENGINEERED METAL BUILDING IS BY SPECIALTY ENGINEER
SNOW:
GROUND SNOW LOAD = 5 PSF
S_g = 1.0
SNOW EXPOSURE FACTOR C_e = 1.0 SNOW THERMAL FACTOR C_t = 1.0
SEISMIC:
I_e = 1.0 I_p = 1.0
S_{ds} = 0.217 S_{d1} = 0.139
SITE CLASS = D
SEISMIC DESIGN CATEGORY = C
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
SEISMIC LATERAL LOAD RESISTING SYSTEM BY SPECIALTY ENGINEER
METAL BUILDING DESIGN CRITERIA:
ROOF LIVE LOAD: 20 PSF (REDUCABLE IN ACCORDANCE W/ THE BUILDING CODE)
ROOF DEAD LOAD: 10 PSF COLLATERAL LOAD PLUS TOTAL ACTUAL DEAD LOAD, ROOF FRAMING AND DECKING DEAD LOAD CONSTITUTES ACTUAL DEAD LOAD. ONLY THIS LOAD CAN BE USED TO RESIST UPLIFT LOADS
METAL BUILDING DEFLECTION DESIGN CRITERIA:
ROOF (PURLIN/JOIST) LIVE LOAD: L/240 TOTAL LOAD: L/180
MAIN FRAME (GRAVITY) LIVE LOAD: L/240 TOTAL LOAD: L/180
MAIN FRAME (SIDESWAY) LATERAL: H/300
WALL COMPONENTS (NON-MASONRY): L/360 (AT MID-SPAN)
WALL COMPONENTS (MASONRY): L/600 (AT MID-SPAN)

SHEET INDEX:

SHEET NUMBER	GENERAL NOTES	SHEET NAME
S1.1		GENERAL NOTES
S2.1		FOUNDATION PLAN
S2.3		ROOF FRAMING PLAN
S3.1		SECTIONS AND DETAILS
S4.1		TYPICAL SECTIONS AND DETAILS

MISCELLANEOUS:

- THE FOLLOWING NOTES APPLY TO ALL PROJECT RELATED STRUCTURAL DRAWINGS. THIS INCLUDES THESE DRAWINGS, FIELD SKETCHES AND RESPONSES TO REQUESTS FOR INFORMATION (RFIs), UNLESS OTHERWISE INDICATED.
- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PERTINENT ASPECTS OF ALL DISCIPLINES INTO THEIR SHOP DRAWINGS AND WORK, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS.
- NO OPENINGS OR MODIFICATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY BRACING AND SHORING THAT MAY BE REQUIRED AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. APPLIED CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF ANY STRUCTURAL BUILDING ELEMENT.
- THE CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION LIFECYCLE.
- DO NOT SCALE THESE DRAWINGS; USE DIMENSIONS. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS, SEE ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD. REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- WHERE A SECTION OR DETAIL IS CUT ON THE PLAN, IT IS UNDERSTOOD TO BE REPRESENTATIVE OF ALL LIKE OR SIMILAR CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECTS OR ENGINEERS' PRESENCE AT THE JOB SITE OR REVIEW OF WORK DOES NOT IMPLY CONFIRMATION OF THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLIANCE WITH OSHA REGULATIONS.
- CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION, SIZES, AND EXTENT OF CHASES, INSERTS, RECESSES, RIDGES, FINISHES, DEPRESSIONS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD IN WRITING OF ALL CONDITIONS ENCOUNTERED IN THE FIELD THAT ARE CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
- STRUCTURAL CONTRACT DOCUMENTS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR.

- REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AND PUBLISHED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPE, AND LOCATION OF DEPRESSED FLOOR AREAS. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATING OR INSTALLING STRUCTURAL MEMBERS.
- PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. OPENINGS 1'-4" IN WIDTH OR LENGTH (AND LESS) ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL ALL REQUIRED OPENINGS. ALL MECHANICAL OPENING LOCATIONS, UNIT OPERATING WEIGHTS, AND SIZES SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION. ANY DEVIATION FROM THE OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR APPROVAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.

SUBMITTALS:

- STRUCTURAL DRAWINGS GIVE REPRESENTATIVE DETAILS AND ARE NOT INTENDED TO SHOW ALL CONDITIONS THAT MAY BE PRESENT. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS AS INDICATED IN THE PROJECT DOCUMENTS.
- CONTRACTOR SHALL SUBMIT A SCHEDULE OF SHOP DRAWING SUBMITTAL DATES TO ARCHITECT AT LEAST 30 DAYS PRIOR TO FIRST SUBMITTAL. FAILURE TO SUBMIT DRAWINGS ON DESIGNATED DATE MAY IMPACT REVIEW SCHEDULE.
- ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIALS OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
A. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
B. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC-ES REPORT IS SUBMITTED WITH THE REQUEST. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.
- REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. 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.
- COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL FABRICATED AND SPECIALTY BUILDING COMPONENTS INCLUDING (BUT NOT LIMITED TO) WINDOW AND CASING SYSTEMS. SHOP DRAWINGS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA.
- ALL APPROVED SUBMITTALS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, SHALL BE MADE AVAILABLE ON THE JOBSITE FOR REVIEW BY THE INSPECTOR.
- REPRODUCTION OF CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT PERMITTED.

FOUNDATIONS:

- SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ASSUMED NET ALLOWABLE BEARING PRESSURE OF 1.5 KSF FOR INDIVIDUAL COLUMN FOOTINGS AND CONTINUOUS WALL FOOTINGS UNDER FULL SERVICE DEAD AND LIVE LOADS.
- THE SITE SHALL BE PREPARED IN ACCORDANCE WITH THE CIVIL DRAWINGS, PROJECT SPECIFICATIONS, A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED ON THIS SITE PRIOR TO THE ISSUANCE OF THESE DRAWINGS. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL ASSUMPTIONS AND REPORT ANY VARIATIONS OR DISCREPANCIES TO THE ENGINEER.
- THE FOOTINGS HAVE BEEN POSITIONED AT THE ESTIMATED ELEVATION WHICH WILL PROVIDE SUITABLE BEARING. HOWEVER, IF ADEQUATE BEARING CAPACITY IS NONEXISTENT AT THESE ESTIMATED ELEVATIONS, THE FOOTING SHALL BE LOWERED TO AN ELEVATION WHERE THE PRESCRIBED SAFE BEARING CAPACITY EXISTS (AS RECOMMENDED BY A QUALIFIED GEOTECHNICAL ENGINEER).
- FOOTINGS MAY BE CAST INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
- IN AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY FILL MATERIAL REQUIRED AT THE SITE SHALL BE OF A SIMILAR TYPE SOIL THAT IS PRESENT AT THIS SITE AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER. ROCKS GREATER THAN 6 IN. SHALL BE EXCLUDED FROM STRUCTURAL FILL LIFTS. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 8 INCHES IN DEPTH AND SHALL BE COMPACTED TO AT LEAST 98% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED COMPACTION TEST (ASTM D1557). THE UPPER 12" OF FILL BENEATH STRUCTURAL AREAS SHOULD BE COMPACTED TO 100% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED COMPACTION TEST (ASTM D1557). ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY TO ENSURE COMPLIANCE.
- FOOTING CONCRETE SHALL BE CAST ON THE SAME DAY THE EXCAVATION IS APPROVED. IF THE BEARING SURFACE IS ALLOWED TO BECOME DISRUPTED IN ANY WAY, IT SHALL BE REWORKED TO THE SATISFACTION OF AN INDEPENDENT TESTING AGENCY PRIOR TO CASTING OF THE CONCRETE.
- ALL EXCAVATIONS AND STRUCTURE BEARING PADS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL.
- BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 1'-6" BELOW FINAL GRADE FOR FROST PROTECTION.
- NO EXCAVATION SHALL BE CLOSER THAN A SLOPE OF 2:1 (2 HORIZONTAL TO 1 VERTICAL) TO A FOOTING. PROVIDE SHORING AND PROTECTION FOR EXCAVATION BANKS AS NECESSARY TO PRESERVE SAFETY AND PREVENT CAVING.
- ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE IS PLACED.
- BACKFILL AGAINST WALLS SHALL BE PLACED IN 8" LIFTS AND SHALL BE DEPOSITED EVENLY AGAINST EACH SIDE OF WALL UNTIL THE LOWER FINAL GRADE IS REACHED. BACKFILL SHALL NOT BE PLACED AGAINST WALLS DEPENDENT UPON TOP AND BOTTOM SLAB FOUNDATION FOR SUPPORT UNTIL SUCH SLABS HAVE ATTAINED MINIMUM SUFFICIENT BRACING AND SHORING FOR ALL WORK DURING THE CONSTRUCTION PROCESS. RETAINING WALLS ARE NOT DESIGNED TO CANTILEVER AT ANY TIME UNLESS EXPLICITLY NOTED ON DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE AN ADEQUATE DRAINAGE SYSTEM FOR ALL BACKFILL CONDITIONS PER CIVIL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- COLUMN FOOTINGS AND WALL FOOTINGS SHALL BE POURED MONOLITHIC WITH TOPS OF ADJACENT FOOTINGS AT THE SAME ELEVATION.
- THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN ANY FOOTING WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER.

CONCRETE:

- ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14 AND ACI 301-16.
- CEMENT USED SHALL BE TYPE I OR II CONFORMING TO ASTM C-150. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY STRENGTH AND DENSITY AS FOLLOWS:

	STRENGTH (PSI)	DENSITY (PCF)
FOOTINGS	3000	145 - 150
INTERIOR 4" SLAB ON GRADE	3000	145 - 150
8" SLAB ON GRADE	4000	145 - 150
ELEVATED SLAB	3000	115 - 120
GENERATOR PAD	4000	145 - 150
- AGGREGATE SHALL BE WELL GRADATED AND SHALL CONFORM TO THE FOLLOWING:
ALL ELEMENTS, UNO
ELEVATED SLAB 3/4" COARSE AGGREGATE (ASTM C-330)
INTERIOR 4" SLAB ON GRADE 3000 145 - 150
8" SLAB ON GRADE 4000 145 - 150
ELEVATED SLAB 3000 115 - 120
GENERATOR PAD 4000 145 - 150
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS BY EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA. RESULTS OF ALL COMPRESSIVE STRENGTH TEST SHALL BE MADE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR.
- ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
- NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
- MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:

A. #11 BARS AND SMALLER	3/4 INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND:	3 INCHES
C. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#6 BARS AND LARGER:	2 INCHES
#5 BARS AND SMALLER:	1 1/2 INCHES
D. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:	
BEAMS, GIRDERS AND COLUMNS:	1 1/2 INCHES
SLABS, WALLS, AND JOISTS:	3/4 INCHES
- SLAB-ON-GRADE SHALL BE SAW CUT NO MORE THAN 12 HOURS AFTER CONCRETE HAS BEEN FINISHED. CONTRACTOR TO SUBMIT LAYOUT AND CONSTRUCTION SCHEDULE ("SOFT-CUT" INTERNATIONAL OR SIM.)
- PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-14.
- REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS.
- PIPES AND CONDUITS EMBEDDED IN CONCRETE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
A. NO MATERIAL HARMFUL TO CONCRETE (SUCH AS, BUT NOT LIMITED TO, ALUMINUM) IS PERMITTED.
B. NO EMBEDMENT OR PENETRATION WHICH IMPAIRS THE STRUCTURAL STRENGTH OR INTEGRITY IS PERMITTED.
C. CONDUITS AND PIPES SHALL NOT HAVE A DIAMETER THAT EXCEEDS 1/3 THE OVERALL THICKNESS OF THE STRUCTURAL ELEMENT IN WHICH THEY ARE EMBEDDED.
D. MINIMUM CENTER TO CENTER SPACING SHALL NOT BE CLOSER THAN 3 DIAMETERS OR WIDTHS.
E. PLACEMENT SHALL OCCUR ABOVE BOTTOM LAYER OF REINFORCEMENT AND BELOW TOP LAYER OF REINFORCEMENT AND SHALL NOT CAUSE REINFORCEMENT TO BE CUT, BENT OR DISPLACED IN ANY MANNER.
F. PLACEMENT SHALL MAINTAIN A MINIMUM CLEARANCE FROM REINFORCEMENT OF 3 REINFORCING BAR DIAMETERS OR 3/4" FROM WELDED WIRE FABRIC REINFORCEMENT.
G. PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW SLAB ON GRADE.

- NO AD MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
- NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
- MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:

A. #11 BARS AND SMALLER	3/4 INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND:	3 INCHES
C. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#6 BARS AND LARGER:	2 INCHES
#5 BARS AND SMALLER:	1 1/2 INCHES
D. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:	
BEAMS, GIRDERS AND COLUMNS:	1 1/2 INCHES
SLABS, WALLS, AND JOISTS:	3/4 INCHES
- SLAB-ON-GRADE SHALL BE SAW CUT NO MORE THAN 12 HOURS AFTER CONCRETE HAS BEEN FINISHED. CONTRACTOR TO SUBMIT LAYOUT AND CONSTRUCTION SCHEDULE ("SOFT-CUT" INTERNATIONAL OR SIM.)
- PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-14.
- REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS.
- PIPES AND CONDUITS EMBEDDED IN CONCRETE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
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D. MINIMUM CENTER TO CENTER SPACING SHALL NOT BE CLOSER THAN 3 DIAMETERS OR WIDTHS.
E. PLACEMENT SHALL OCCUR ABOVE BOTTOM LAYER OF REINFORCEMENT AND BELOW TOP LAYER OF REINFORCEMENT AND SHALL NOT CAUSE REINFORCEMENT TO BE CUT, BENT OR DISPLACED IN ANY MANNER.
F. PLACEMENT SHALL MAINTAIN A MINIMUM CLEARANCE FROM REINFORCEMENT OF 3 REINFORCING BAR DIAMETERS OR 3/4" FROM WELDED WIRE FABRIC REINFORCEMENT.
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F. PLACEMENT SHALL MAINTAIN A MINIMUM CLEARANCE FROM REINFORCEMENT OF 3 REINFORCING BAR DIAMETERS OR 3/4" FROM WELDED WIRE FABRIC REINFORCEMENT.
G. PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW SLAB ON GRADE.

- NO AD MIXTURES SHALL BE ADDED TO THE CONCRETE UNLESS APPROVED BY THE ENGINEER.
- REINFORCING SHALL CONFORM TO ASTM A615, G60 UNLESS NOTED OTHERWISE.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 GRADE 60.
- REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI MSP-1 (MANUAL OF STANDARD PRACTICE), LATEST EDITION.
- "CONTINUOUS" REINFORCEMENT SHALL HAVE MINIMUM LAP OF "B" TYPE (ACI 318-14, SECTION 25.5) AT SPLICES UNLESS NOTED OTHERWISE.
- PROVIDE REINFORCING CHAIRS FOR ALL SLAB-ON-GRADE REINFORCING.
- SUBMIT REINFORCING PLACEMENT AND DETAIL (SHOP) DRAWINGS FOR REVIEW. NO REINFORCING BARS SHALL BE INSTALLED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED.
- ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI 'MANUAL OF STANDARD PRACTICE' (27TH EDITION).
- WHERE WELDED WIRE FABRIC REINFORCEMENT IS SPECIFIED IN SLABS ON GRADE, PLACEMENT SHALL BE 1" BELOW TOP OF SLAB @ INTERIOR CONDITIONS AND 1 1/2" BELOW TOP OF SLAB AT EXTERIOR CONDITIONS. OVERLAP EACH REINFORCING SHEET TWO FULL PANELS AND THE CROSS WIRES ON EACH SIDE.
- SCHEDULED OR DETAILED REINFORCING STEEL SHALL NOT BE TACK WELDED FOR ANY REASON. WELDED REINFORCING STEEL AND/OR SPLICES ARE PERMITTED ONLY WHEN SHOWN ON DRAWINGS. WHERE WELDING IS PERMITTED IT SHALL CONFORM TO AWS D1.4, STRUCTURAL WELDING CODE - REINFORCING STEEL.
- BASE PLATES, ANCHOR RODS, SUPPORT ANGLES, ETC. BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 4" OF CONCRETE.
- WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 2" MINIMUM ON CONCRETE OR MASONRY. ANCHOR BEAMS TO MASONRY WITH TWO 5/8" DIAMETER ANCHOR RODS WITH 1'-0" EMBEDMENT INTO GROUT FILLED MASONRY.

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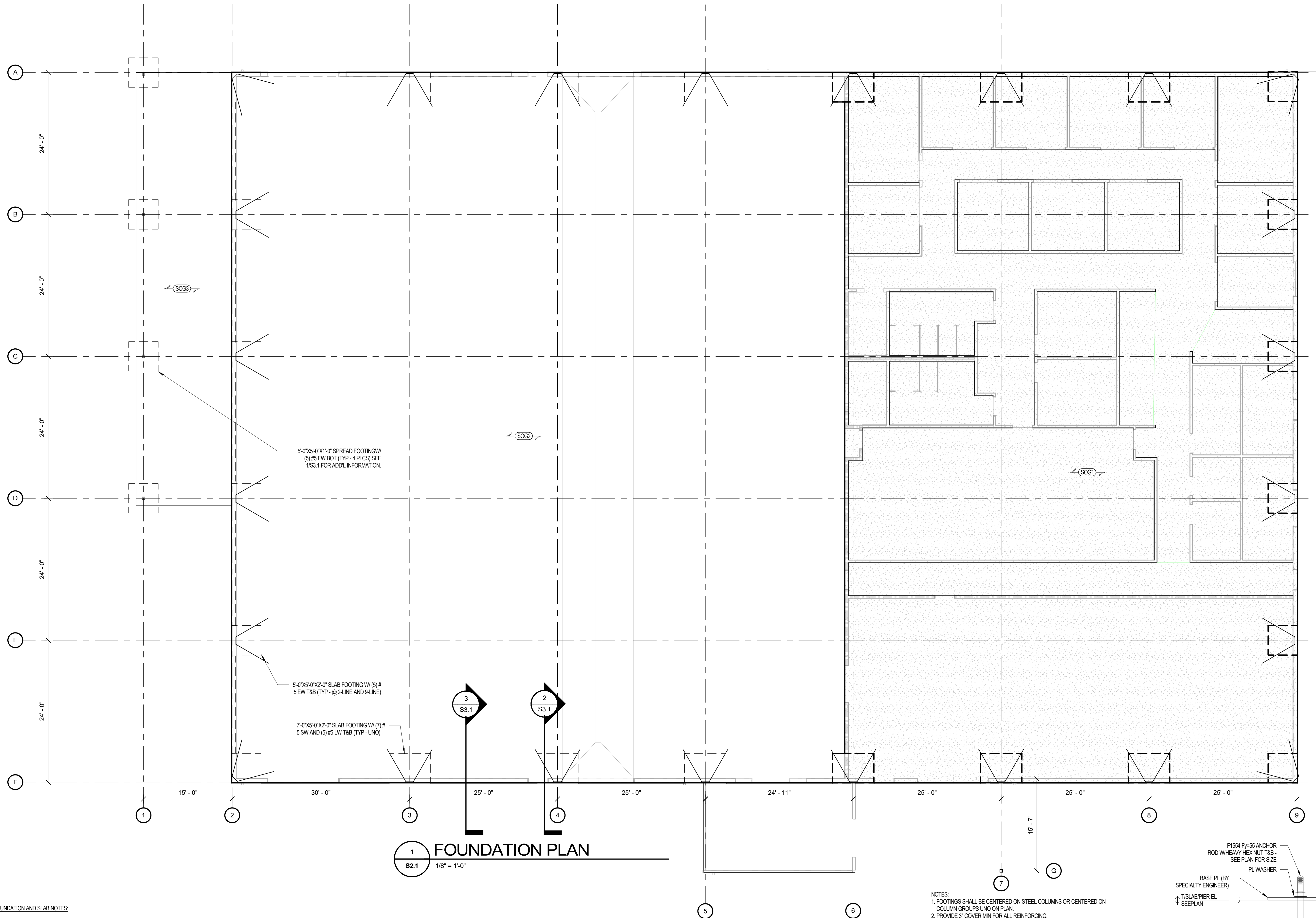
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COLD FORM METAL FRAMING (METAL STUDS):

- METAL STUDS SHALL BE FABRICATED AND ERECTED PER 2016 AISI "NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
- UNLESS NOTED OTHERWISE, TRACKS SHALL BE SAME DEPTH AS STUDS AND EQUAL OR THICKER GAUGE THAN STUDS. TRACKS SHALL BE CONNECTED TO SUPPORTS AT 16" OC MAX.
- ALL 43 MIL MATERIAL (AND LESS) SHALL HAVE A MINIMUM YIELD OF 33,000 PSI (UNLESS NOTED OTHERWISE). ALL 54 MIL MATERIAL (AND GREATER) SHALL HAVE A MINIMUM YIELD OF 50,000 PSI (UNLESS NOTED OTHERWISE).
- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING:
A. SHOP DRAWINGS FOR ALL COMPONENTS AND INSTALLATIONS NOT FULLY DIMENSIONED OR DETAILED IN MANUFACTURER'S PRODUCT DATA.
B. PRODUCT CATALOG WITH SECTION AND MATERIAL PROPERTIES OF ALL MATERIAL.
- ALL STUDS AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A HOT-DIPPED, GALVANIZED COATING MEETING ASTM A653 G60 AND C655, U.N.O.
- INSTALLATION:
A. TRACKS:
INSTALL CONTINUOUS TRACKS SIZED TO MATCH STUDS. ALIGN TRACKS ACCURATELY TO LAYOUT AT BASE AND TOPS OF STUDS. PROVIDE FASTENERS AT CORNERS AND END OF TRACKS. ALL TRACK BUTT JOINTS SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT WELDED OR SPLICED TOGETHER.
B. WALL STUDS:
SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES. ATTACH STUDS WITH SLIP-TRACK CONNECTION TO UNDERSIDE OF BEAMS TO ALLOW 1" VERTICAL DEFLECTION OF STEEL BEAM (NOT APPLICABLE IN LOAD BEARING APPLICATIONS). AT LOAD BEARING APPLICATIONS, SLIP-TRACK CONNECTION SHALL ACCOMMODATE A DEFLECTION OF BEAM SPAN DIVIDED BY 240.
C. SUPPLEMENTARY FRAMING:
PROVIDE BLOCKING AND BRACING IN METAL FRAMING SYSTEM WHEREVER WALL OR PARTITIONS ARE INDICATED TO SUPPORT FIXTURES, EQUIPMENT, SERVICE CASEWORK, HEAVY TRIM AND FURNISHINGS, AND SIMILAR WORK REQUIRING ATTACHMENT TO THE WALL OR PARTITION WHERE TYPE OF SUPPLEMENTARY SUPPORT IS NOT OTHERWISE INDICATED. COMPLY WITH STUD MANUFACTURER'S RECOMMENDATIONS AND INDUSTRY STANDARDS IN EACH CASE, CONSIDERING WEIGHT OR LOADING RESULTING FROM ITEM SUPPORTED.
D. WALL OPENINGS:
OPENINGS LARGER THAN 2 FEET SQUARE TO BE FRAMED WITH A MINIMUM OF DOUBLE STUDS AT EACH JAMB OR FRAME EXCEPT WHERE MORE ARE REQUIRED.
E. ALL MEMBERS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO SUPPORTING MEMBERS.

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B. PRODUCT CATALOG WITH SECTION AND



1
S2.1
 1/8" = 1'-0"

FOUNDATION AND SLAB NOTES:

1. SLAB ON GRADE SHALL BE 4" CONC SLAB (3000 PSI) ON 15 MIL (MIN) VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/ (1) LAYER 6x6-W1 4x1.4 WWF 1" FROM TOP OF SLAB, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE A/S3.1). FFE = + + 0'-0"
2. SLAB ON GRADE SHALL BE 6" CONC SLAB (4000 PSI) ON 15 MIL (MIN) VAPOR RETARDER ON 8" FLOOR SLAB BASE MATERIAL W/ #4 EW @ 12" OC 1 1/2" BELOW FFE, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE A/S3.1). FFE = + + 0'-0"
3. EXTERIOR SLAB ON GRADE SHALL BE 4" CONC SLAB (3000 PSI) ON 15 MIL (MIN) VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/ (1) LAYER 6x6-W1 4x1.4 WWF 1" FROM TOP OF SLAB, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE A/S3.1). FFE = + + 0'-0"

5. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
6. "CJ" INDICATES CONTROL/CONSTRUCTION JOINTS IN SLAB ON GRADE. SEE D/S3.1 FOR ADDL INFORMATION WITH REGARD TO CONTROL JOINT REQUIREMENTS
7. INDICATES FLOOR DRAIN - SEE A/S3.1 FOR ADDL INFORMATION. COORDINATE FINAL LOCATIONS WITH ARCHL DRAWINGS AND PLUMBING DRAWINGS.
8. INDICATES STEP IN STRIP FOOTING - SEE C/S3.1 FOR MORE INFORMATION.
9. "SFx" INDICATES THICKENED SLAB FOOTING - SEE SCHEDULE
10. INDICATES SLAB STEP - SEE DETAIL H/S3.1 OR SECTION WHERE APPLICABLE.

NOTES TO CONTRACTOR:

1. THE CONTRACTOR SHALL REFER TO THE PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS AND NOTE THE LOCATION OF ALL UNDERGROUND OR UNDER FLOOR PIPING & CONDUITS. THE CONTRACTOR SHALL INCORPORATE ALL FOOTING STEPS NECESSARY PER THE REQUIREMENTS OF ALL UNDERGROUND OR UNDER FLOOR PLUMBING, MECHANICAL, AND ELECTRICAL PIPING. THE CONTRACTOR SHALL REFER TO THE TYPICAL FOUNDATION DETAILS E.F. AND G.S3.1 WHEN PERFORMING THIS WORK. LOCATION OF ALL STEPPED FOOTINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STEP FOOTING LOCATIONS SHALL BE SHOWN ON THE FOUNDATION SHOP DRAWINGS AND REVIEWED BY THE SEOR PRIOR TO INSTALLATION.

NOTES:

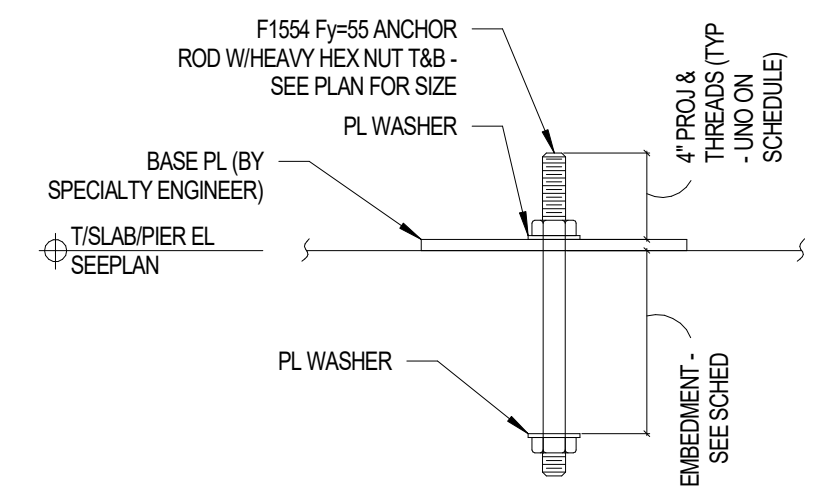
1. FOOTINGS SHALL BE CENTERED ON STEEL COLUMNS OR CENTERED ON COLUMN GROUPS UNO ON PLAN.
2. PROVIDE 3" COVER MIN FOR ALL REINFORCING.
3. GC COORD NUMBER OF ANCHOR BOLTS W/ FINAL PEMB BLDG DWGS.

ANCHOR ROD SCHEDULE

SIZE	SIZE
1" Ø	20"
3/4" Ø	20"
5/8" Ø	12"
1/2" Ø	8"

NOTES:

1. PRE-ENGINEERED METAL BUILDING TO BE DESIGNED TO MEET THE REQUIREMENTS OF FM GLOBAL INSURANCE.
2. MAX BUILDING DEFLECTION (L/300) FOR BRITTLE FINISHES (TYP BOTH DIRECTIONS) MAXIMUM WALL GIRT DEFLECTION WITH BRITTLE FINISHES (L/600)
3. SEE PRE-ENGINEERED BUILDING DRAWINGS FOR BASE PLATE AND ANCHOR ROD SIZE & SPACINGS



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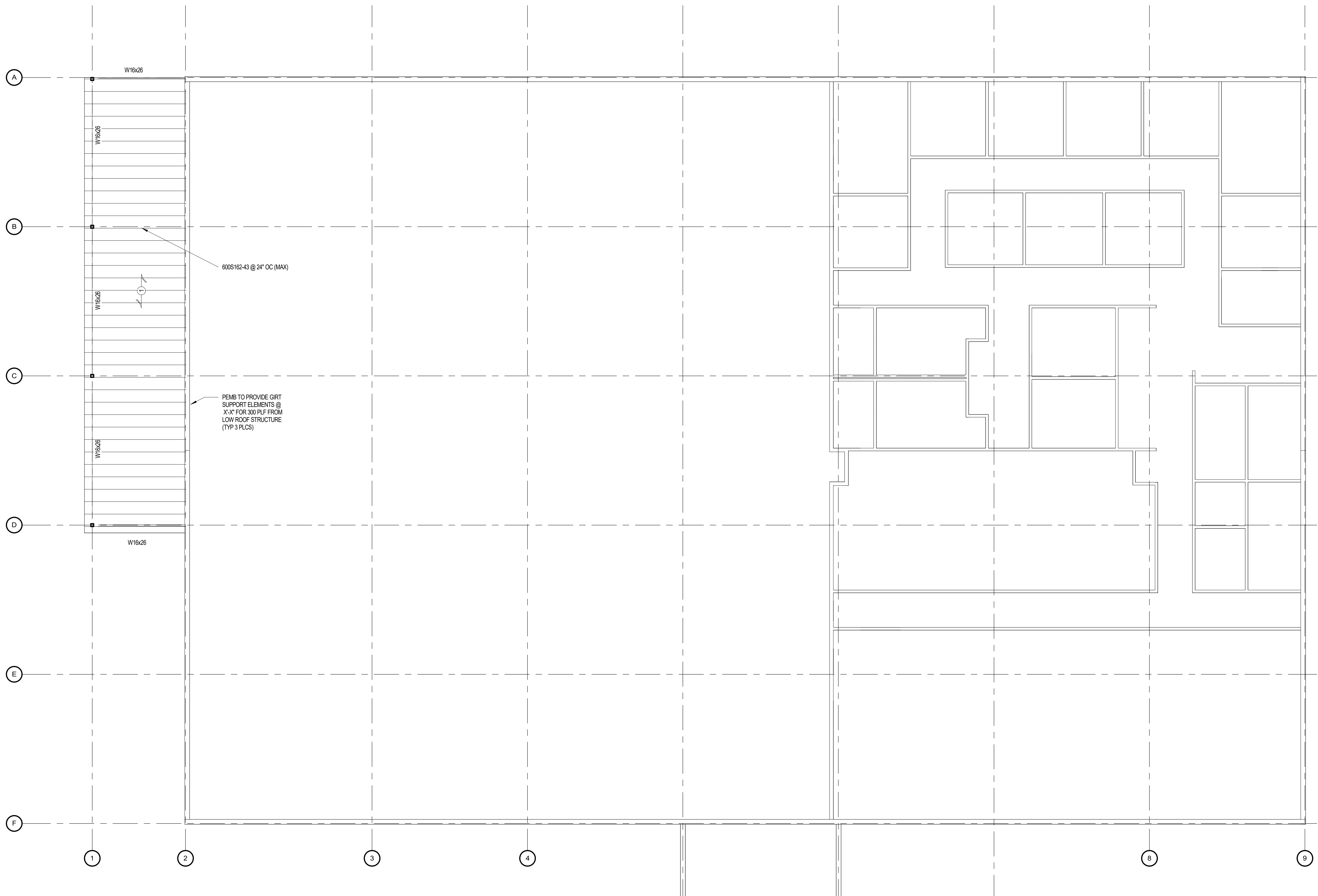
JACKSON COUNTY
FLEET
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FOUNDATION PLAN
 DESIGN: MJL
 DRAWN: BIL
 CHECKED: WJP

DATE	NO. DESCRIPTION
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7/18/24 DATE
 A23-131 PROJ. NUMBER
 FILE NAME
 FILE NUMBER

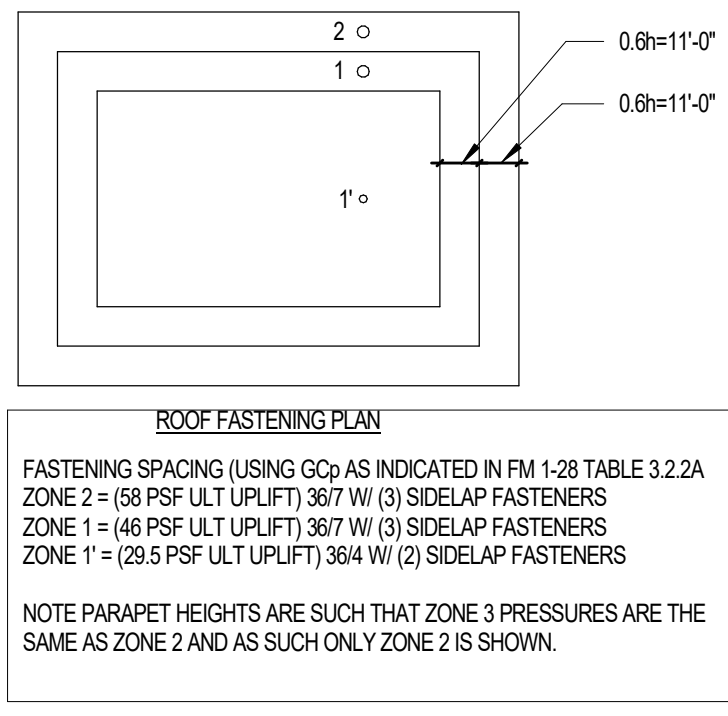
RELEASE
 SHEET TITLE
S2.1



- TYPICAL ROOF FRAMING NOTES:**
- INDICATES SPAN OF 1' 1/2", 22 GA GALVANIZED WIDE RIB METAL ROOF DECK. FASTEN TO ALL SUPPORTS WITH 5/8" DIAMETER PUDDLE WELDS AT PATTERN INDICATED ON FASTENING PLAN BELOW. FASTEN WITH TEK SCREWS EVENLY SPACED BETWEEN SUPPORTS FOR SIDE LAP AS INDICATED ON FASTENING PLAN. FASTEN AT PERIMETER WITH 5/8" DIAMETER PUDDLE WELDS AT 6" OC.
 - T/STL EL - TOP OF STEEL ELEVATION ABOVE FFE. T/STL EL AS SHOWN IS A NOMINAL ELEVATION. CONTRACTOR SHALL DETERMINE PRECISE T/STL ELEVATION BY COORDINATING WITH ARCHITECTURAL HEAD ELEVATIONS.
 - (+) INDICATES T/STL EL SHALL MATCH T/BEAM ELEVATION.
 (S) INDICATES SLOPED STEEL.
 - CONTRACTOR SHALL COORDINATE THE LOCATIONS AND SIZES OF ALL ROOF OPENINGS.
 - CONTRACTOR SHALL COORDINATE LOCATION, SIZE, AND OPERATING WEIGHT OF ALL MECHANICAL UNITS W/ ARCHT. AND MEP DWGS.
 - SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL PLANS.
 - INDICATES PARTIALLY GROUTED, MASONRY, SHEARWALLS. SEE S-4.1 FOR TYPICAL DETAILS.

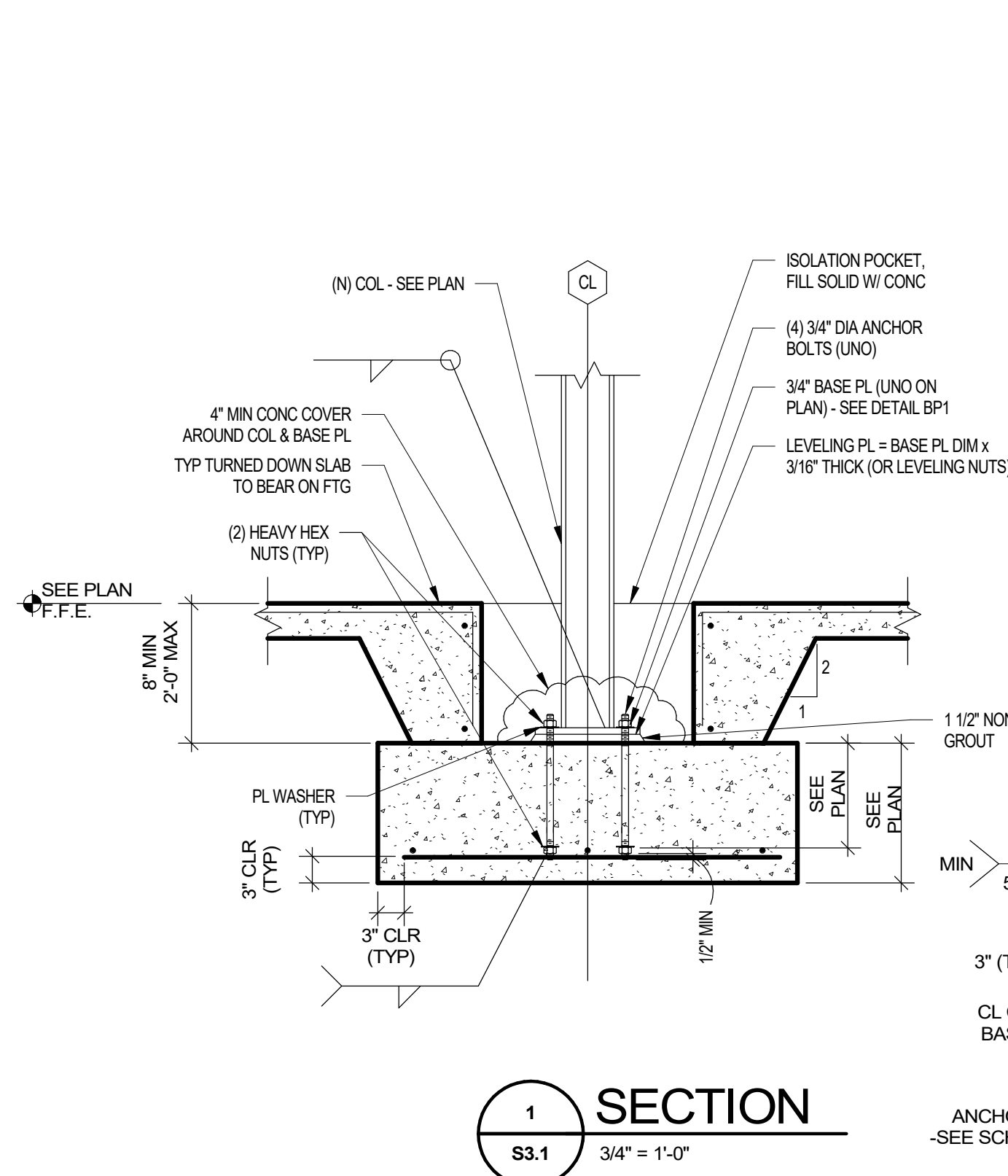
1
S2.2
 1/8" = 1'-0"

ROOF LOADS:	
ROOFING	2.5PSF
DECK	1.7PSF
FRAMING	2.1PSF
INSULATION	1.8PSF
SOFFIT CEILING	1.0PSF
MEP	2.0PSF
MISC	1.9PSF
TOTAL DEAD LOAD =	15 PSF
LIVE LOAD:	20 PSF

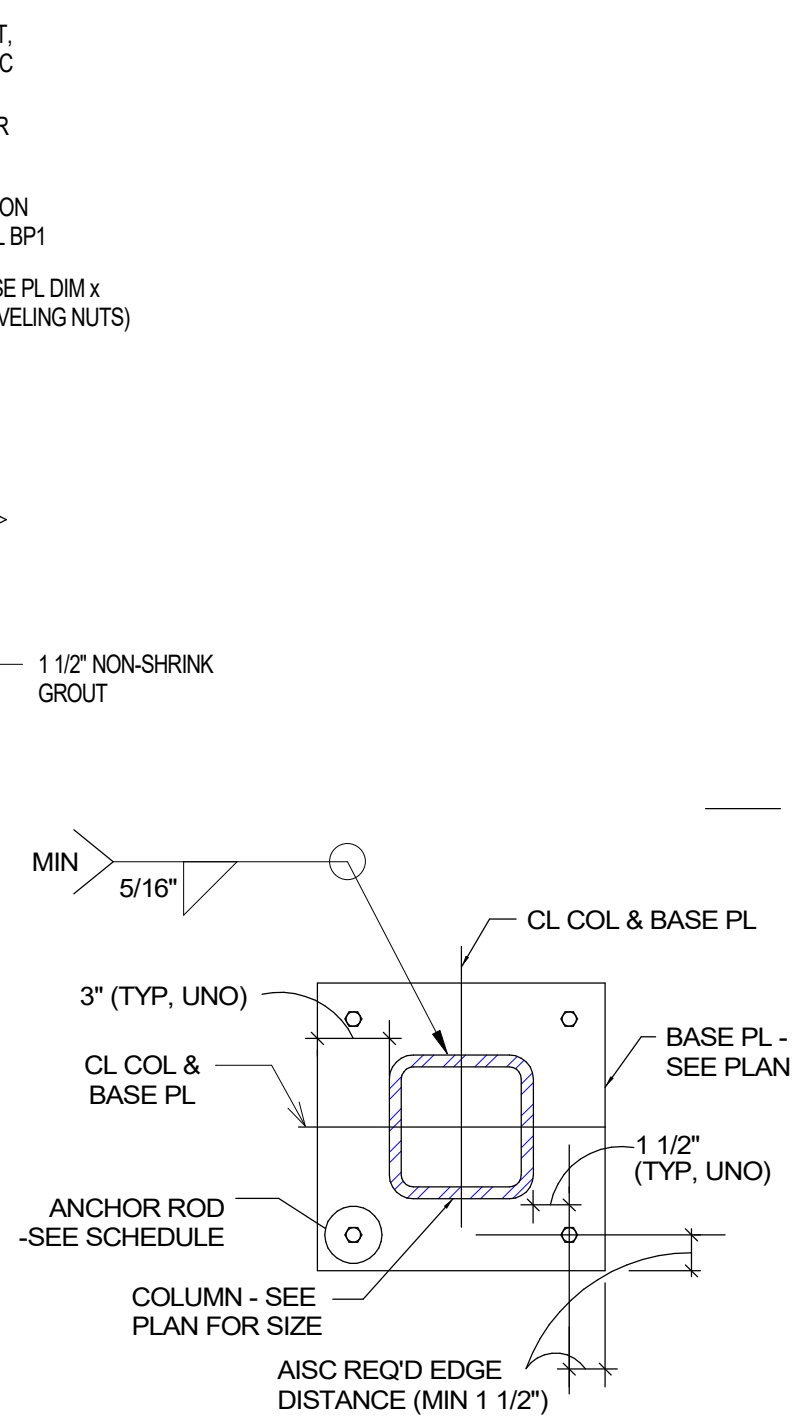


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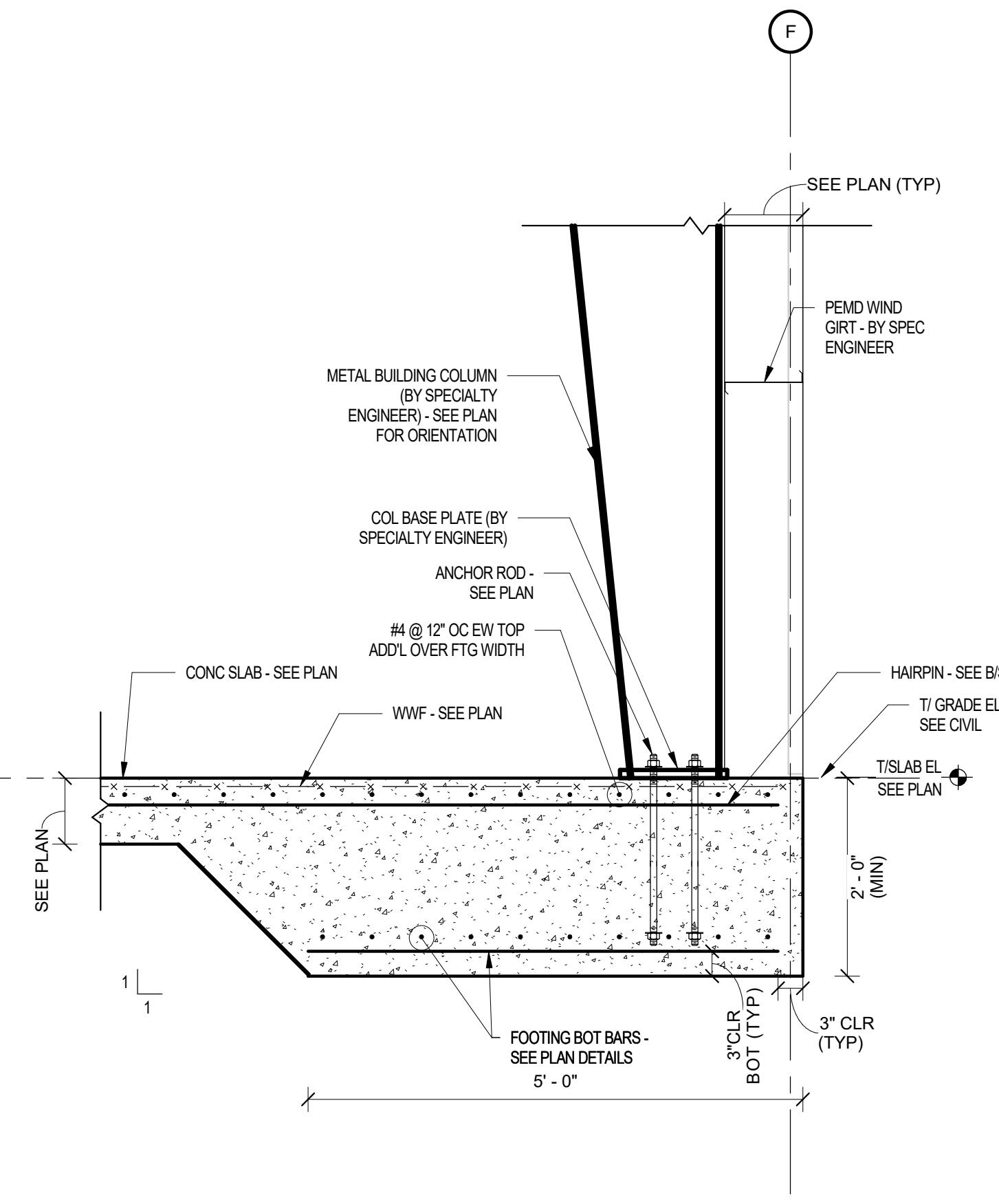
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<p>JACKSON COUNTY FLEET HENDRIX DR., JEFFERSON, GA 30549</p>	PROJECT	
ROOF FRAMING PLAN	CHECKED WJP	
DESIGN MJL	DRAWN BIL	SHEET TITLE
DATE 7/18/24	NO. DESCRIPTION 30% Construction Documents	RELEASE
DATE 7/18/24	DATE 7/18/24	FILE NUMBER A23-131
FILE NUMBER A23-131	FILE NAME	FILE NUMBER
S2.2		



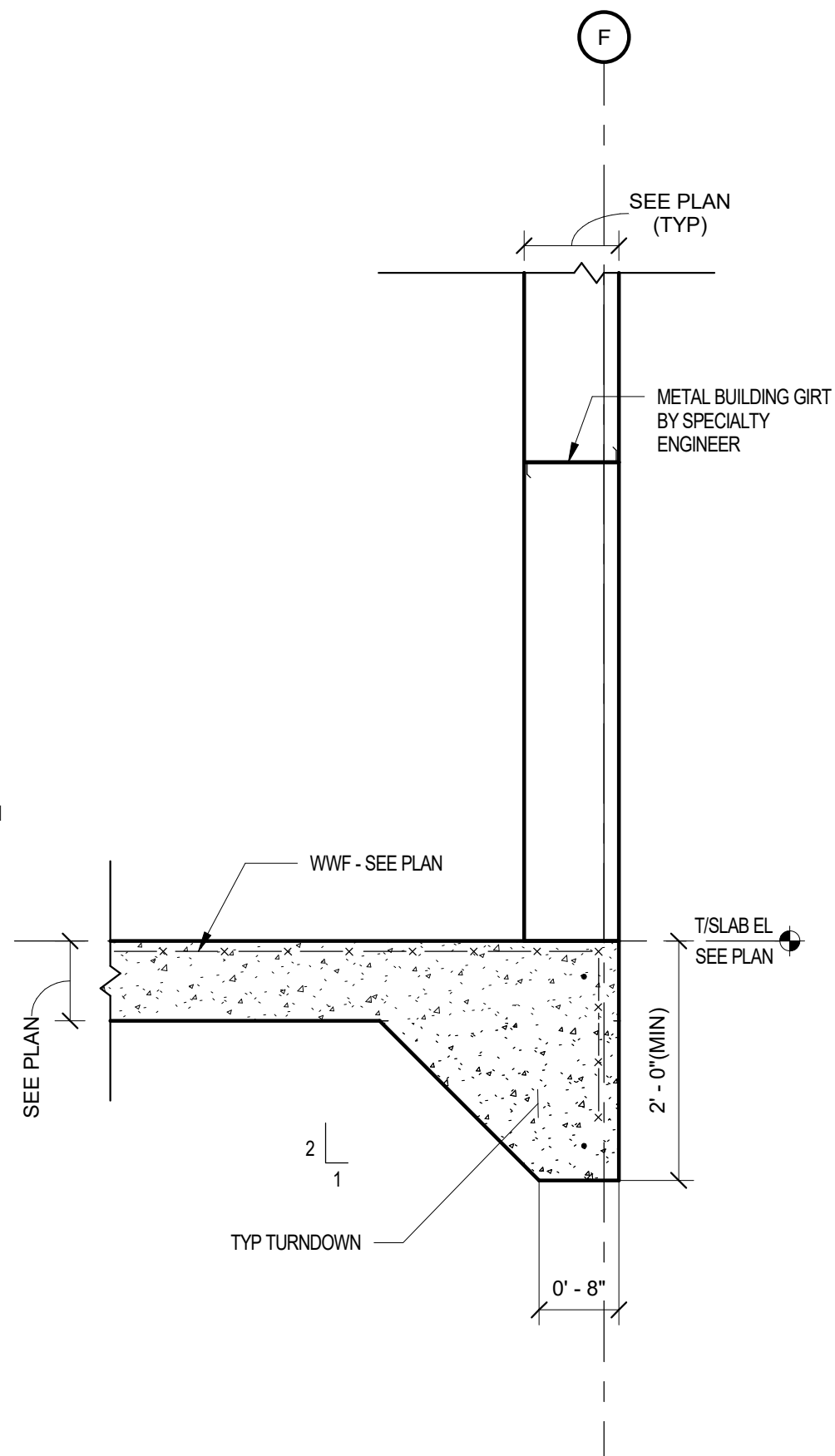
1 SECTION
S3.1 3/4" = 1'-0"



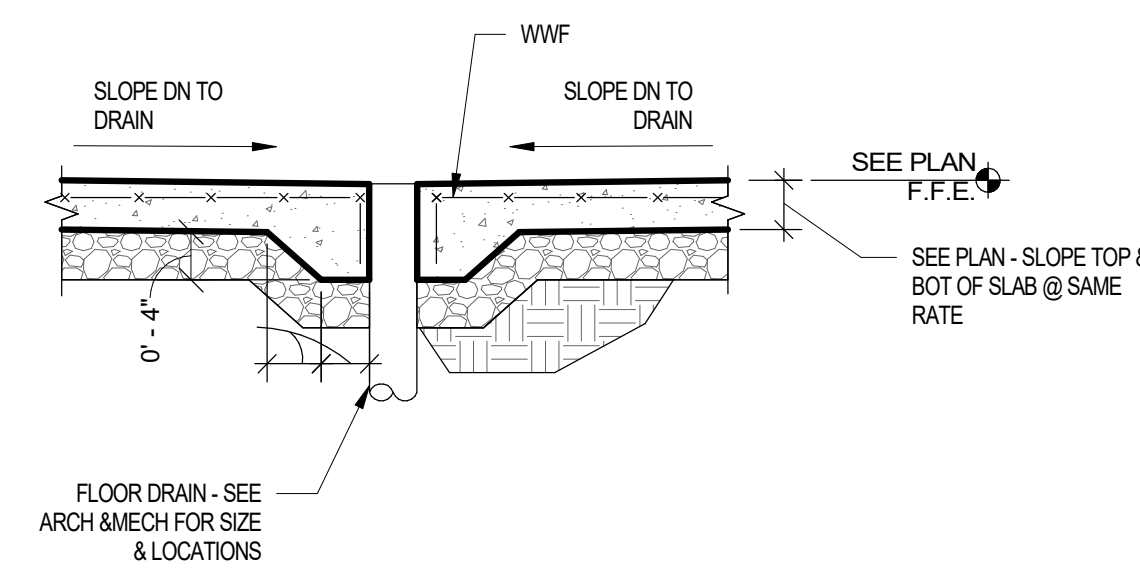
DETAIL BP1



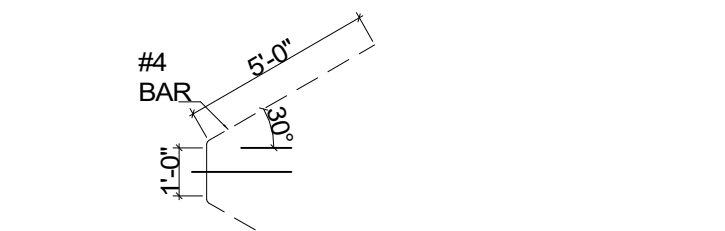
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S3.1 3/4" = 1'-0"



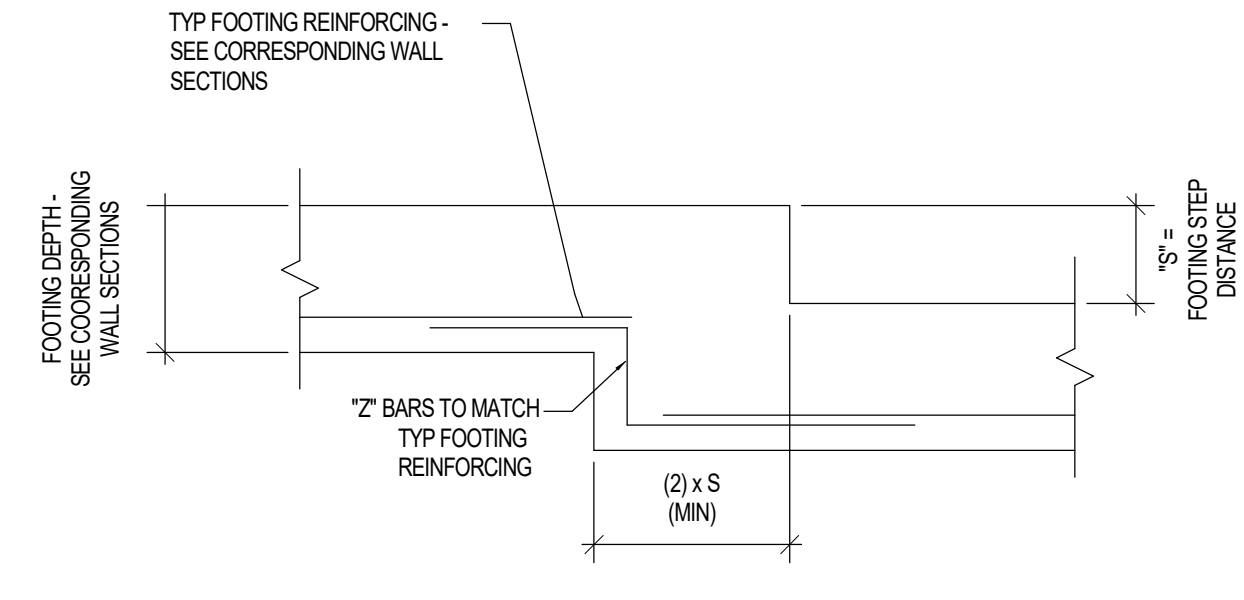
3 SECTION
S3.1 3/4" = 1'-0"



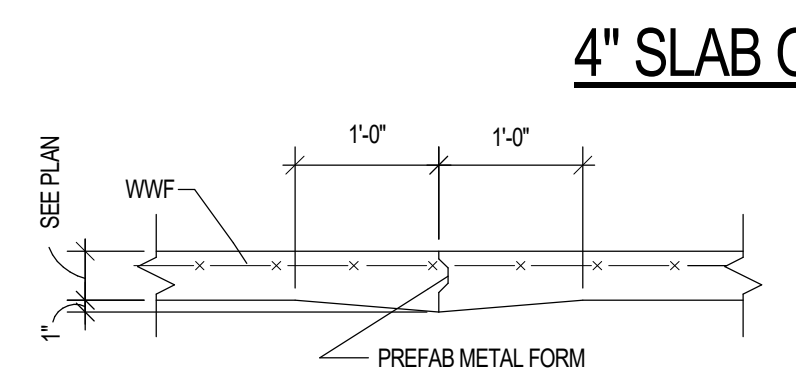
A DETAIL
S3.1 3/4" = 1'-0"



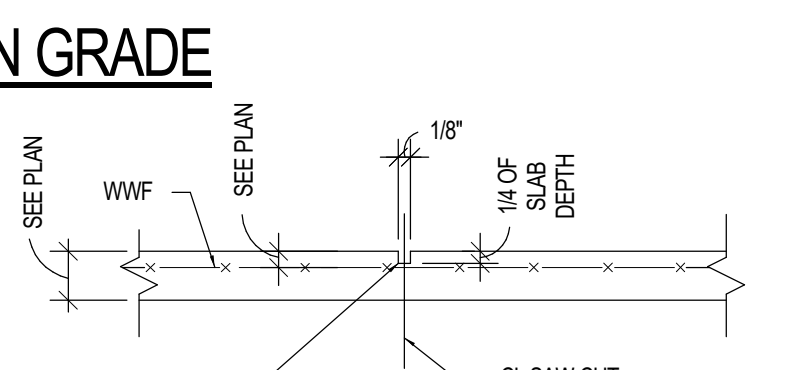
B HAIRPIN DETAIL
S3.1 1/4" = 1'-0"



C STEPPED CONTINUOUS FOOTING DETAIL
S3.1 3/4" = 1'-0"

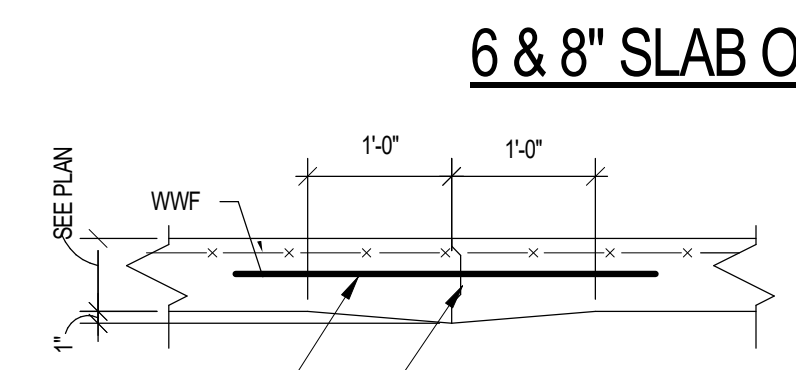


TYP CONSTRUCTION JOINTS

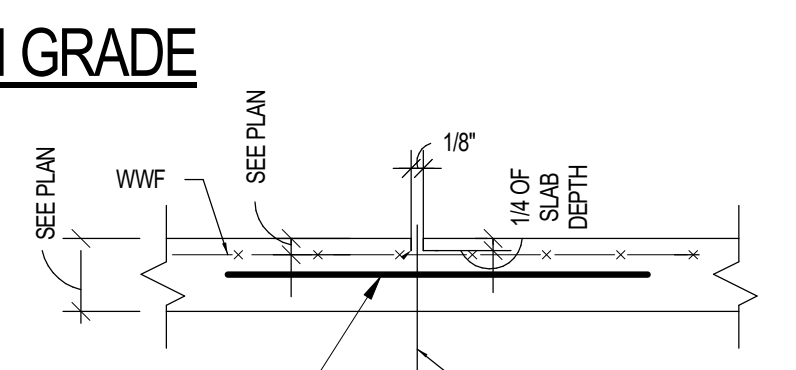


TYP SAWED CONTROL JOINT

NOTE: USE CONSTRUCTION JOINT IN LIEU OF CONTROL JOINT WHENEVER A POUR STOP IS REQUIRED OR WHERE INDICATED ON THE PLAN.

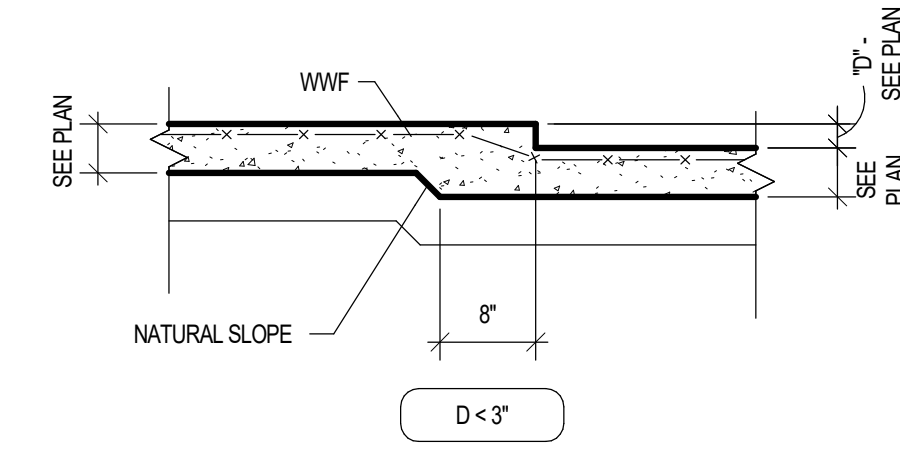


CONSTRUCTION JOINTS

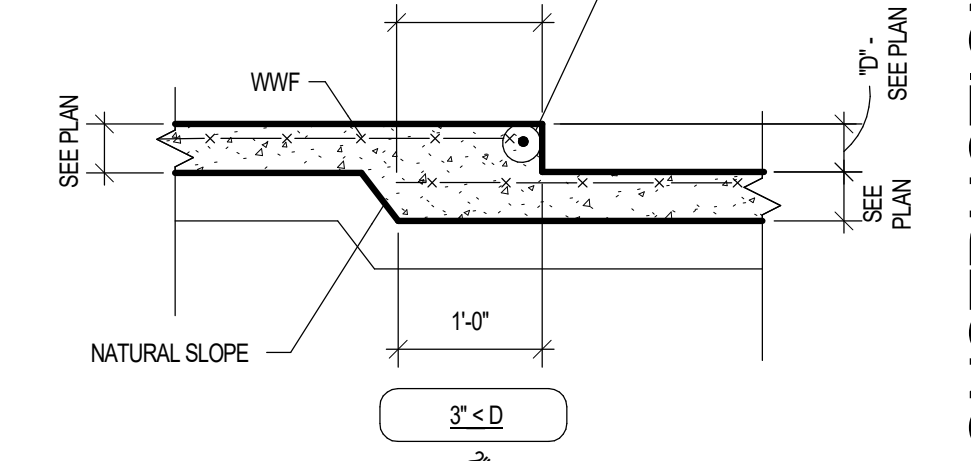


SAWED CONTROL JOINT

NOTE: USE CONSTRUCTION JOINT IN LIEU OF CONTROL JOINT WHENEVER A POUR STOP IS REQUIRED OR WHERE INDICATED ON THE PLAN.



- NOTE:
1. WWF TO BE POSITIONED WITHIN SLAB DEPTH W/ PREFABRICATED CHAIRS.
 2. COORDINATE "D" DEPTHS AND LOCATIONS OF ALL FLOOR DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
 3. PROVIDE (1) #4 x 4'-0" TOP AT INTERIOR CORNERS OF ALL SLAB DEPRESSIONS ARE TYPICALLY SHOWN ON PLAN.
 4. DEPRESSIONS THUS.



E DEPRESSED SLAB-ON-GRADE
S3.1 3/4" = 1'-0"

D SLAB-ON-GRADE JOINT DETAILS
S3.1 3/4" = 1'-0"

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SECTIONS AND DETAILS		SHEET TITLE	
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DATE	NO. DESCRIPTION
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7/18/24	A23-131		
DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

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APPLICABLE CODES

Local Authority: CITY OF COMMERCE | JACKSON COUNTY | GEORGIA
 International Building Code (IBC): 2018 Edition with 2020 Georgia Amendments
 International Fire Code (IFC): 2018 Edition with 2020 Georgia Amendments
 Georgia Rules and Regulations Chapter 120-3-3 State Minimum Fire Safety Standards
 NFPA 101 Life Safety Code: 2018 Edition
 NFPA 13 Standard for the Installation of Sprinkler Systems: 2019 Edition
 NFPA 24 Standard for the Installation of Private Service Mains: 2019 Edition
 NFPA 25 Standard for the Inspection, Testing & Maintenance of Water-Based Fire Protection Systems: 2017 Edition
 NFPA 30 Flammable and Combustible Liquids Code: 2018 Edition

CODE REVIEW SUMMARY

NFPA 101 shall establish minimum requirements for Occupancy Classification, overruling IBC [GA 120-3-3.01(h)]

BUILDING OCCUPANCY:	B - Business S-1 - Storage (Moderate-hazard) S-2 - Storage (Low-hazard)	(IBC 304.1) (IBC 311.2) (IBC 311.3)
TYPE OF CONSTRUCTION:	TYPE ##, sprinklered	(IBC Table 504) (IBC 903.2.11)
BUILDING HEIGHT:	29 FT, 1 STORY	
BUILDING AREA:	27,860 SQFT	
FIRE FLOW**:	1500 GPM	(IFC Table B105.1)
FIRE FLOW DURATION:	3 HOURS	(IFC Table B105.1)
STANDPIPE:	N/A	(IBC 905.3)

**Minimum flow rate of a water supply, measured at 20 psi, available for fire fighting.

SEISMIC CODE REQUIREMENTS

Site Class: D | Seismic Design Category: C | Seismic Coefficient C_s: ##

American Society of Civil Engineers (ASCE) Structural Engineering Institute (SEI)
 ASCE/SEI 7, Minimum Design Loads for Buildings and Other Structures, 2016
 Chapter 13 - Seismic Design Requirements for Nonstructural Components

13.6.7.2 Fire Protection Sprinkler Piping Systems. Fire protection sprinkler piping, pipe hangers, and bracing designed and constructed in accordance with NFPA 13 shall be deemed to meet the force and displacement requirements of this section. Clearances for sprinkler drops and springs and other equipment shall conform to 13.2.3.1.

13.2.3.1 Clearances between Equipment, Distribution Systems, Supports, and Sprinkler System Drops and Springs. The installed clearance between any sprinkler drop or sprig and the following items shall be at least 3 in. in all directions:

- permanently attached equipment including their structural supports and bracing; and
- other distribution systems, including their structural supports and bracing.

HAZARD OCCUPANCY

HATCHING	OCCUPANCY
	LIGHT HAZARD
	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2
	EARLY SUPPRESSION FAST RESPONSE (ESFR)
	EXTRA HAZARD GROUP 1 STANDARD RESPONSE SPRINKLERS ONLY [NFPA 13: 11.2.3.2.2.2 (2013 & 2016) 10.2.3 (2019)]

SPRINKLER TYPES/FINISH

Location	Ceiling Material	Sprinkler Type/Finish
Various locations	ACP tiles	Concealed, white cover
Various locations	Sidewalls	Horizontal sidewall, white
Mechanical Rooms	Open structure	Upright, brass
Exterior	MCM ceilings	Concealed, custom color to match ceiling
Various locations	Drywall ceiling (white)	Concealed, white cover
Various locations	Drywall ceiling (non-white)	Concealed, custom color to match ceiling
Various locations	Metal ceiling	Concealed, custom color to match ceiling



1 FIRE PROTECTION FIRST FLOOR NEW WORK PLAN
 SCALE: 3/32" = 1'-0"
 3/32" = 1'-0"
 SCALE FEET

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FIRE PROTECTION FIRST FLOOR NEW WORK PLAN
 DESIGN: Designer
 DRAWN: Author
 CHECKED: Checker

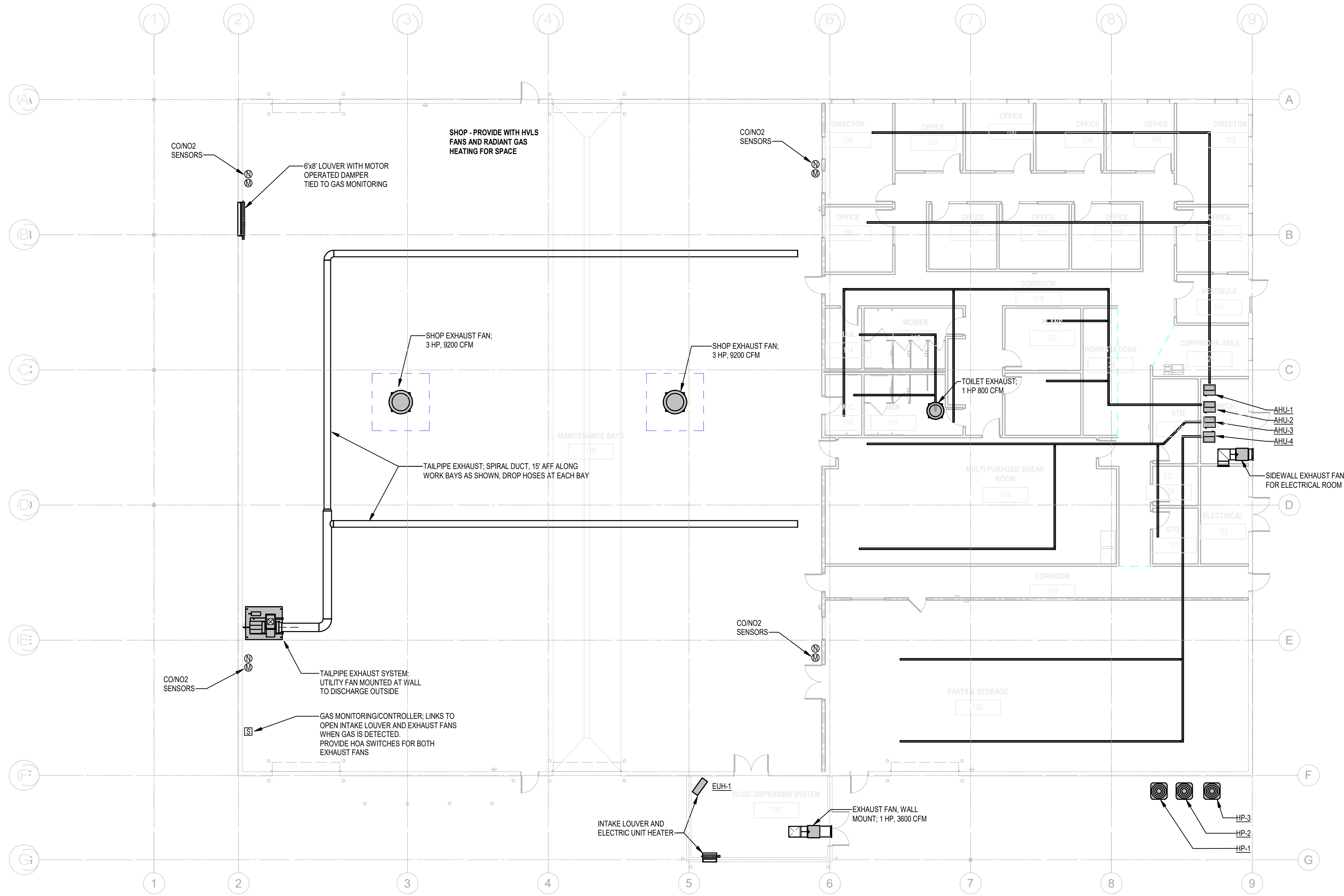
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 800 RESEARCH COURT, SUITE 100
 FAYETTE COUNTY, GA 30202
 770.447.4000 WWW.JCAE.COM



1 HVAC FIRST FLOOR NEW WORK PLAN
 SCALE: 3/32" = 1'-0"
 5 0 5 10 20 25 30
 3/32" = 1'-0" SCALE FEET

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**HVAC FIRST
 FLOOR NEW
 WORK PLAN**

DESIGN	CRS	DRAWN	ETP	CHECKED	BSW
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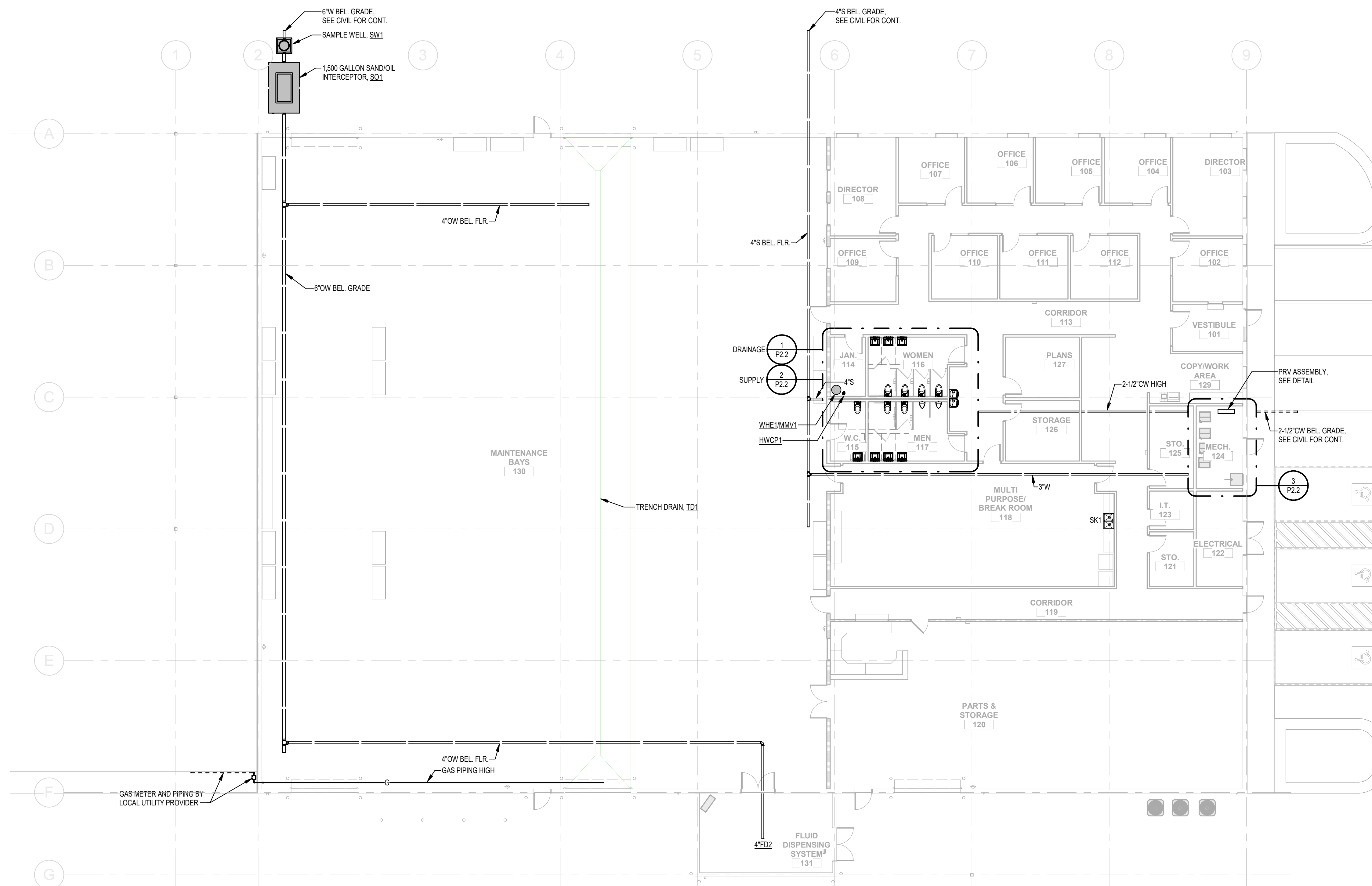
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RELEASE

SHEET TITLE

PROJECT



1 FIRST FLOOR PLUMBING PLAN
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 3/32" = 1'-0" SCALE FEET

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**FIRST FLOOR
 PLUMBING PLAN**

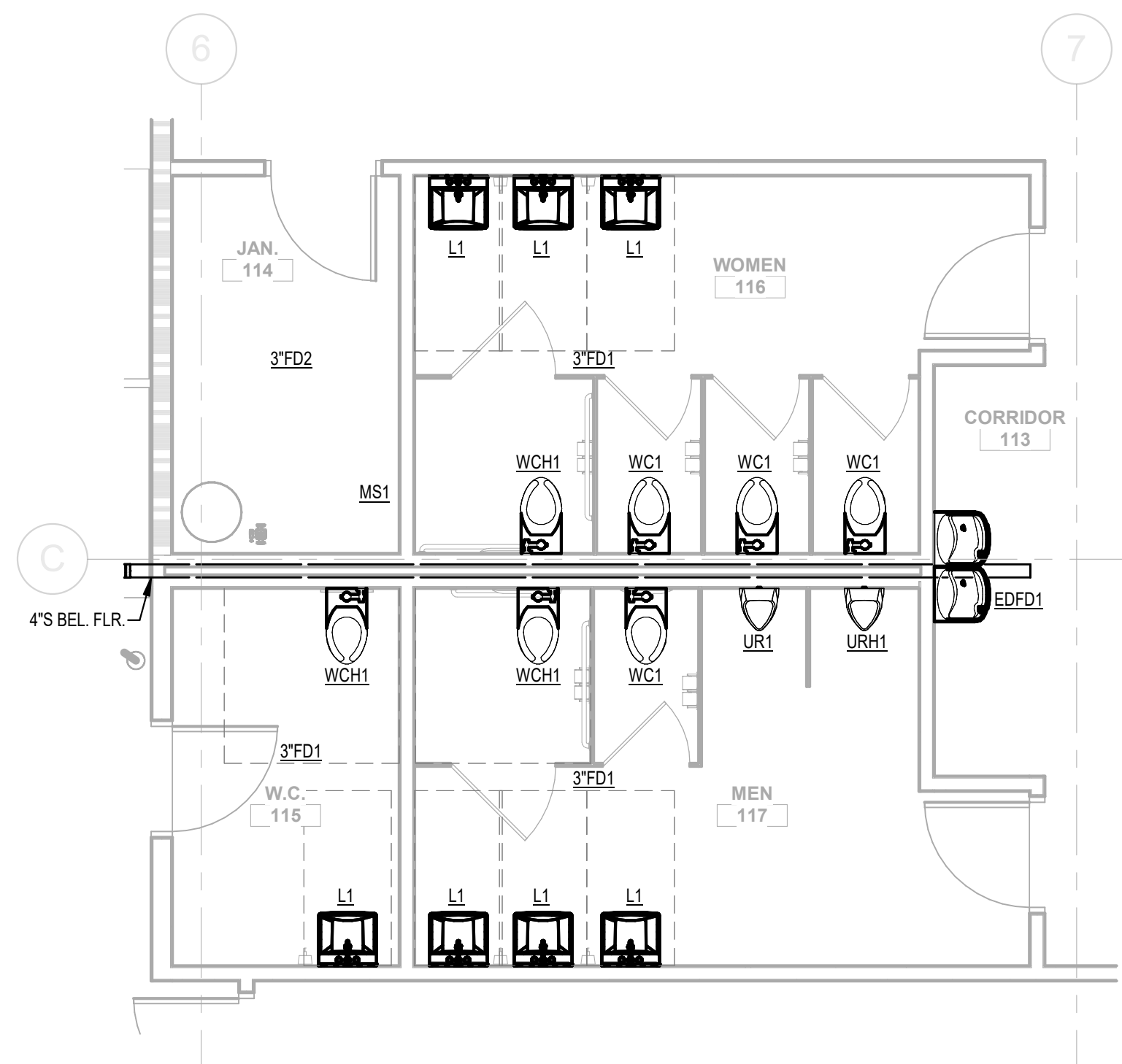
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DRAWN	Author		

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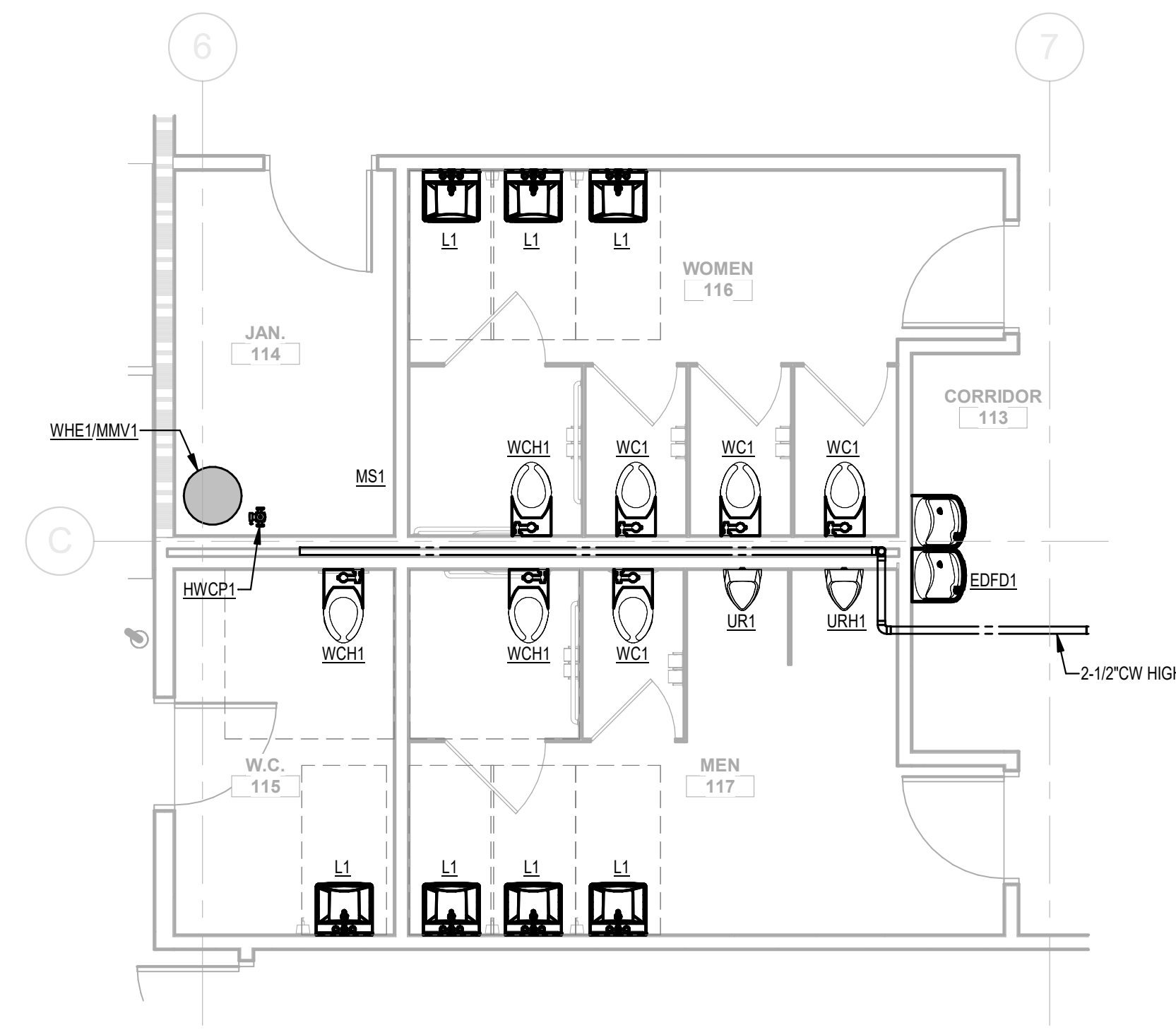
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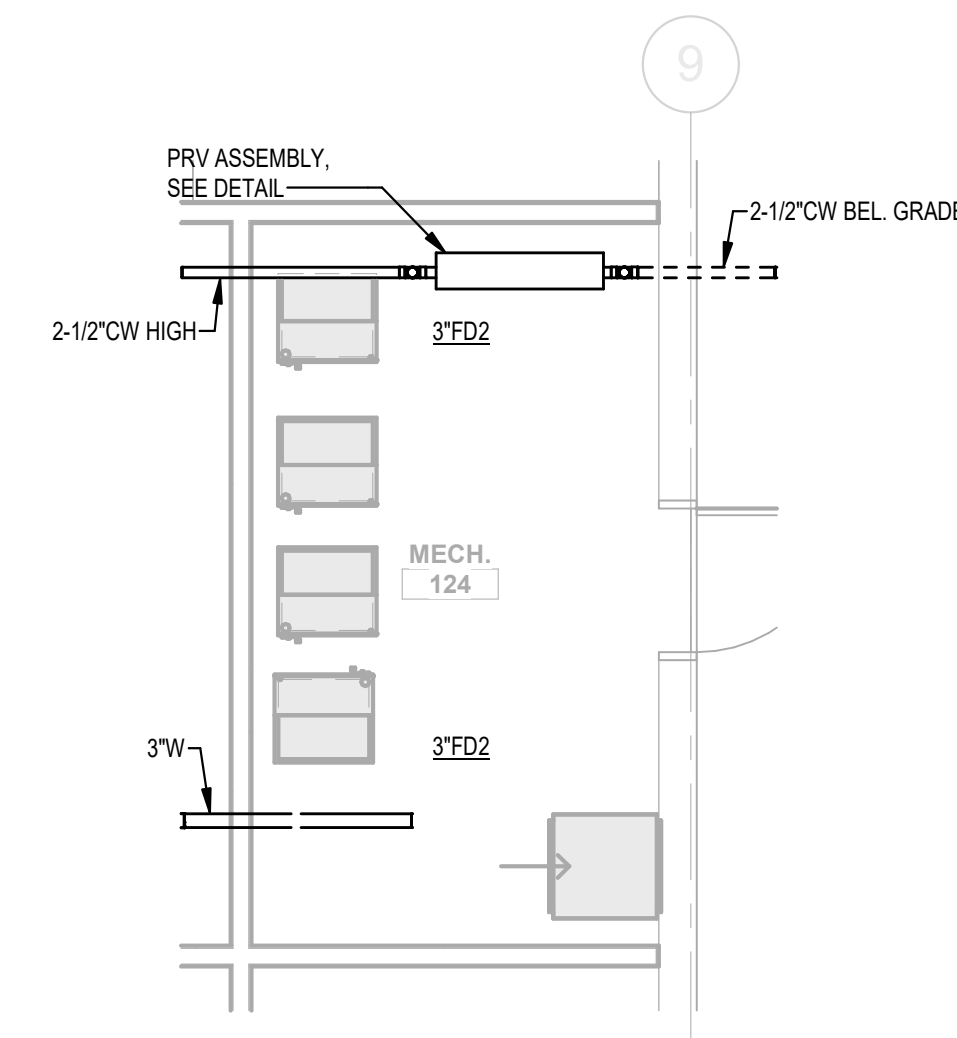




1 RESTROOM PLUMBING PART PLAN - DRAINAGE
 SCALE: 1/4" = 1'-0"
 1/4" = 1'-0" SCALE FEET



2 RESTROOM PLUMBING PART PLAN - SUPPLY
 SCALE: 1/4" = 1'-0"
 1/4" = 1'-0" SCALE FEET



3 MECHANICAL ROOM PLUMBING PART PLAN
 SCALE: 1/4" = 1'-0"
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**PLUMBING PART
 PLANS**

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DRAWN	Author		

DATE	NO.	DESCRIPTION
07/18/24		30% CONSTRUCTION DOCS

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DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

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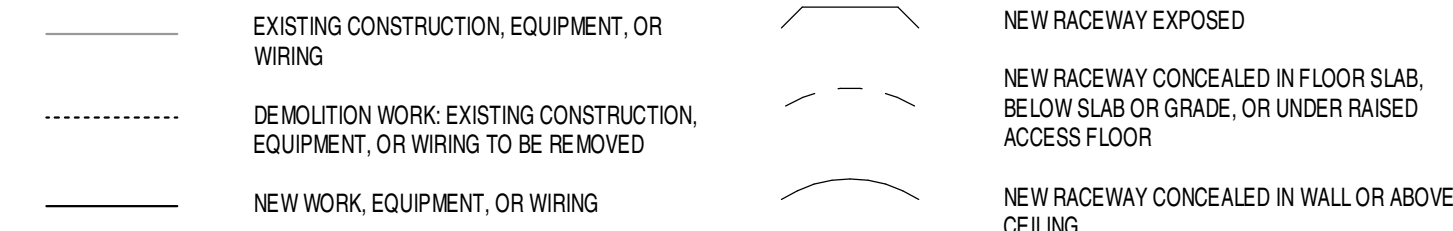


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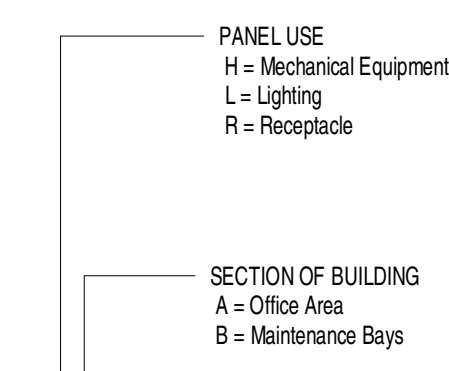
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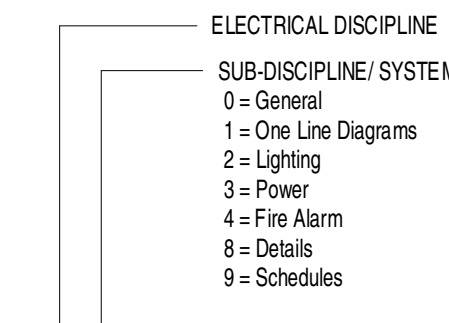
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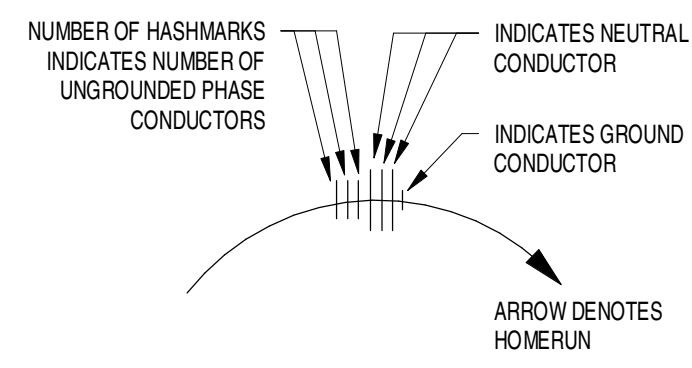
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 2 Electrical Line Types - Wiring NOT TO SCALE



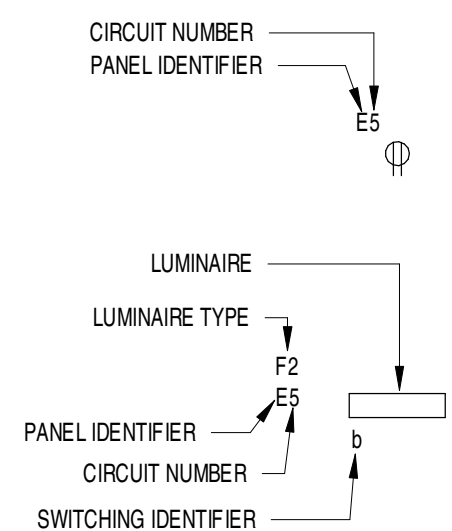
3 Panel Numbering System NOT TO SCALE



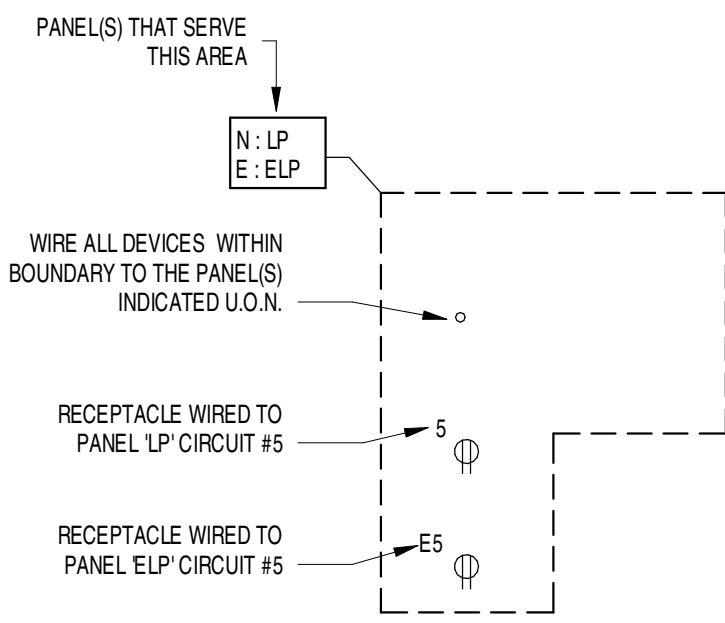
4 Sheet Numbering System NOT TO SCALE



5 Wiring Annotation NOT TO SCALE



6 Device/Equip Identification NOT TO SCALE



7 Electrical Plan Annotation NOT TO SCALE

ABBREVIATIONS

A AMPERES	DWG DRAWING	IR PASSIVE INFRARED	REFR REFRIGERATOR
AB ABOVE	EA EACH	JB, J-BOX JUNCTION BOX	RGS RIGID GALVANIZED STEEL CONDUIT
AC ALTERNATING CURRENT	EF EXHAUST FAN	JCT JUNCTION	RHW RIGID INSULATED WIRE
AF AMPERE FRAME	EG EQUIPMENT GROUND	KA KILAMPERES	RM ROOM
AFCI ARC FAULT CIRCUIT INTERRUPTER	EL ELEVATION	KCMIL THOUSAND CIRCULAR MILS	SB SWITCHBOARD
AFB ABOVE FINISHED FLOOR	ELEC ELECTRICAL	KILO THOUSAND	SCH SCHEDULE
AFG ABOVE FINISHED GRADE	ELU EMERGENCY LIGHT UNIT	KV KILOVOLTS	SEC SECONDARY
AHC ABOVE HUNG CEILING	EMER EMERGENCY	KVA KILOVOLT-AMPERES	SFL SUB-FEED LUGS
AHU AIR HANDLING UNIT	EMT ELECTRICAL METALLIC TUBING	KVAR KILOVAR	SHT SHEET
AIC AMPERE INTERRUPTING CAPACITY	ENCL ENCLOSURE	KW KILOWATTS	SPC SPACE
ANN ANNUNCIATOR	EO ELECTRONICALLY OPERATED	LT(S) LIGHT(S)	SPKR SPEAKER
ASSD AIR SAMPLING SMOKE DETECTION	EPO EMERGENCY POWER OFF	LTG LIGHTING	SPR SPARE
ASTS AUTOMATIC STATIC TRANSFER SWITCH	EPR ETHYLENE PROPYLENE RUBBER INSULATION	MA MILLIAMPERE	SQ SQUARE
AT AMPERE TRIP	EQ EQUAL	MAINT MAINTAINED	SS STAINLESS STEEL
ATS AUTOMATIC TRANSFER SWITCH	EQUIP EQUIPMENT	MAN MANUAL	SSRVS SOLID STATE REDUCED VOLTAGE STARTER
AUTO AUTOMATIC	ELH ELECTRIC UNIT HEATER	MAX MAXIMUM	ST SHUNT TRIP
AUX AUXILIARY	EWC ELECTRIC WATER COOLER	MC METAL CLAD CABLE	STP SHIELDED TWISTED PAIR
AWG AMERICAN WIRE GAUGE	EWL ELECTRIC WALL HEATER	MCB MAIN CIRCUIT BREAKER	STS STATIC TRANSFER SWITCH
BAS BUILDING AUTOMATION SYSTEM	EX EXIST	MCC MOTOR CONTROL CENTER	SUSP SUSPENDED
BATT BATTERY	EXR EXISTING RELOCATED TO LOCATION ON PLAN	MCM THOUSAND CIRCULAR MILS	SW SWITCH
BB BACKBOARD	EXT EXTERIOR	MCP MAIN DISTRIBUTION PANEL	SWBD SWITCHBOARD
BC BARE COPPER	F FUSE(D)	MEGA MILLION	SWGR SWITCHGEAR
BC/BF DEVICES MOUNTED BELOW SUSPENDED CEILING AND BELOW RAISED FLOOR	FA FIRE ALARM	MFR MANUFACTURER	T, TEL, TELE TELEPHONE
BFF BELOW FINISHED FLOOR	FACP FIRE ALARM CONTROL PAEL	MGB MAIN GROUND BUS	T-STAT THERMOSTAT
BKR BREAKER	FCU FAN COIL UNIT	MH METAL HALIDE	TB TAP BOX
BLDG BUILDING	FIXT FIXTURE	MIN MINIMUM	TBB TELECOMMUNICATIONS BACKBOARD
BRF BELOW RAISED FLOOR	FL FLOOR	MLO MAIN LUGS ONLY	TBD TO BE DETERMINED
BTM BOTTOM	FLA FULL LOAD AMPERES	MO MANUALLY OPERATED	TC TIME CLOCK
BW BOTH WAYS	FLEX FLEXIBLE	MTD MOUNT(ED)	TEMP TEMPORARY
C CONDUIT	FLR FLOOR	MTR MOTOR CONTROL CENTER	TERM TERMINAL TERMINATE
CAB CABINET	FLUOR FLUORESCENT	MTS MANUAL TRANSFER SWITCH	THW THINW
CATV CABLE TELEVISION	FO FIBER OPTIC	MV MEDIUM VOLTAGE	THN THIN
CB CIRCUIT BREAKER	FRA FIRE ALARM REMOTE ANNUNCIATOR	MW MEGA WATTS	TSS TWO SPEED STARTER
CC CCTV CAMERA	FURN FURNISH	N NORTH	TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR
CKT CIRCUIT	FUT FUTURE	NC NORMALLY CLOSED	TWU THROUGH-THE-WALL UNIT
CL CENTERLINE	FVNR FULL VOLTAGE NON-REVERSING	NEC NATIONAL ELECTRIC CODE	TYP TYPICAL
CLG CEILING	G, GND GROUND	NF NON-FUSED	U ULTRASONIC
CO COMPANY	GALV GALVANIZE(D)	NIC NOT IN CONTRACT	UC UNDER COUNTER
COL COLUMN	GEN GENERATOR	NL NIGHT LIGHT	UG UNDERGROUND
COMM COMMUNICATIONS	GFCI GROUND FAULT CIRCUIT INTERRUPTER	NO NORMALLY OPEN	UH UNIT HEATER
CONC CONCRETE	GFP GROUND FAULT PROTECTION	NTS NOT TO SCALE	UON, UNO UNLESS OTHERWISE NOTED
CONN CONNECTION, CONNECT	HD HEAVY DUTY	OH OVERHEAD	UPS UNINTERRUPTIBLE POWER SUPPLY
CONTR CONTRACTOR	HGT, HT HEIGHT	OHD OVERHEAD DOOR OPERATOR	UTIL UTILITY
COORD COORDINATE	HH HAND HOLE	OL OVERLOAD	UTP UNSHIELDED TWISTED PAIR
CT CURRENT TRANSFORMER	HID HIGH INTENSITY DISCHARGE	P POLE(S)	V VOLT(S)
CUH CABINET UNIT HEATER	HO HIGH OUTPUT	P/T/Z PAN TILT ZOOM	VA VOLT-AMPERES
CW COOL WHITE	HOA HAND-OFF-AUTOMATIC	PB PUSHBUTTON	VAR REACTIVE VOLT AMPS
D DEEP	HP HORSEPOWER	PB PULLBOX	VAV VARIABLE AIR VOLUME
D, Δ DELTA CONNECTION	HPF HIGH POWER FACTOR	PC PHOTOCELL	VFD VARIABLE FREQUENCY DRIVE
DB DECIBEL	HPS HIGH PRESSURE SODIUM	PF POWER FACTOR	W WIRE
DC DIRECT CURRENT	HTR HEATER	PH PHASE	W WATTS
DET DETECTOR	HV HIGH VOLTAGE	PL PILOT LIGHT	W WITH
DIA DIAMETER	I INTERCOMMUNICATION	PNL PANEL	WP WEATHERPROOF
DISC DISCONNECT	ID IDENTIFY, IDENTIFICATION	PR PAIR	WT WATERTIGHT
DIST DISTRIBUTION	IMC INTERMEDIATE METAL CONDUIT	PRI PRIMARY	XFMR TRANSFORMER
DIV DIVISION	INCAND INCANDESCENT	PVC POLYVINYL CHLORIDE	XHHW CROSS LINKED POLYETHYLENE INSULATED WIRE
DN DOWN	INSUL INSULATION	PWR POWER	XP EXPLOSION PROOF
DP DISTRIBUTION PANEL	IPS INTERRUPTIBLE POWER SUPPLY	REC RECEPTACLE	Y WYE CONNECTION
		RECT RECTIFIER	

GENERAL

GENERAL ELECTRICAL NOTES

- PROVIDE A NEW ELECTRICAL SERVICE CONSISTING OF ALL REQUIRED CONDUITS, CONDUCTORS, EQUIPMENT, METERING PROVISIONS, SUPPORTS, ACCESSORIES, ETC. AS NECESSARY FOR CONNECTION BETWEEN UTILITY COMPANY POINT OF SUPPLY AND SERVICE ENTRANCE EQUIPMENT.
- ELECTRICAL SERVICE CHARACTERISTICS: SERVICE TYPE - UNDERGROUND; SERVICE VOLTAGE - 480Y/277V, 3PH, 2 WIRE + GND.
- PROVIDE A TIME-CURRENT COORDINATION AND SHORT CIRCUIT STUDY, PREPARED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF GEORGIA.
- PROVIDE AN ARC FLASH STUDY, PREPARED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF GEORGIA, PROVIDE & APPLY ARC FLASH LABELS WITH CALCULATED INCIDENT ENERGY TO ALL ELECTRICAL EQUIPMENT.
- TRANSFORMERS SHALL BE PROVIDED WITH COPPER WINDINGS & 115 DEGREE TEMPERATURE RISE.
- WHERE CONDUIT IS ROUTED EXPOSED, MINIMIZE BENDS AND ROUTE CONDUIT PATHS TOGETHER BACK TO PANEL. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN.
- RECEPTACLES LOCATED WITHIN 6FT OF SINKS SHALL BE PROVIDED WITH GFCI PROTECTION.
- MINIMUM CONDUIT SIZE IS 0.75"
- PANELBOARDS SHALL BE PROVIDED WITH COPPER BUSSING.

CODES & STANDARDS

- THE ELECTRICAL SYSTEMS WILL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING LOCAL AND NATIONAL CODES AND STANDARDS.
- INTERNATIONAL BUILDING CODE (IBC) - 2018 EDITION WITH GEORGIA STATE AMENDMENTS (2020).
 - INTERNATIONAL FIRE CODE (IFC) - 2018 EDITION WITH GEORGIA STATE AMENDMENTS (2020).
 - NFPA 101: LIFE SAFETY CODE (LSC) - 2018 EDITION WITH GEORGIA AMENDMENTS.
 - NFPA 70: NATIONAL ELECTRICAL CODE (NEC) - 2020 EDITION WITH 2021 GA AMENDMENTS.
 - NFPA 72: 2019 EDITION NATIONAL FIRE ALARM CODE.
 - STATE OF GEORGIA - CHAPTER 120-3-20: GEORGIA ACCESSIBILITY CODE FOR BUILDINGS AND FACILITIES.
 - STATE OF GEORGIA - CHAPTER 120-3-3: GEORGIA RULES AND REGULATIONS FOR THE STATE MINIMUM FIRE SAFETY STANDARDS.
 - INTERNATIONAL ENERGY CONSERVATION CODE (IECC) - 2015 EDITION WITH GEORGIA AMENDMENTS.

SYMBOLS LEGEND

DEVICE SYMBOL LEGEND

FLOOR	CEILING	STANDARD HEIGHT	NON-STANDARD HEIGHT	DESCRIPTION
[Symbol]	[Symbol]	[Symbol]	[Symbol]	DUPLX RECEPTACLE
[Symbol]	[Symbol]	[Symbol]	[Symbol]	DOUBLE DUPLX RECEPTACLE
[Symbol]	[Symbol]	[Symbol]	[Symbol]	GFCI DUPLX RECEPTACLE
[Symbol]	[Symbol]	[Symbol]	[Symbol]	JUNCTION BOX

POWER SYMBOL LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EQUIPMENT AS NOTED. DOUBLE LINE INDICATES FRONT OF EQUIPMENT.
[Symbol]	SURFACE MOUNTED PANELBOARD

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
[Symbol]	COMBINATION SPEAKER AND VISUAL DEVICE. "C" INDICATES CEILING MOUNTED
[Symbol]	ADDRESSABLE INPUT MODULE
[Symbol]	MANUAL PULL STATION
[Symbol]	KNOX BOX
[Symbol]	SMOKE DETECTOR
[Symbol]	HEAT DETECTOR
[Symbol]	FIRE ALARM ANNUNCIATOR
[Symbol]	FIRE ALARM CONTROL PANEL

MISCELLANEOUS SYMBOLS

SYMBOL	DESCRIPTION
[Symbol]	NOTE REFERENCE SYMBOL

SHEET INDEX

NUMBER	NAME
E0.0	GENERAL INFORMATION
E0.1	ELECTRICAL SITE PLAN
E1.0	ELECTRICAL ONE-LINE DIAGRAMS & SCHEDULES
E2.1	FLOOR PLAN - LIGHTING
E3.1	FLOOR PLAN - POWER
E4.1	FLOOR PLAN - FIRE ALARM
E8.1	DETAILS
E8.2	DETAILS
E9.1	SCHEDULES
E9.2	SCHEDULES
E9.3	PANEL SCHEDULES
E9.4	PANEL SCHEDULES
12	

LUMINAIRE MOUNTING AND WIRING

SWITCHED NORMAL	SWITCHED EMERGENCY	UNSWITCHED EMERGENCY	DESCRIPTION
[Symbol]	[Symbol]	[Symbol]	RECESSED
[Symbol]	[Symbol]	[Symbol]	WALL MOUNTED
[Symbol]	[Symbol]	[Symbol]	PENDANT

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
[Symbol]	EMERGENCY LIGHTING UNIT
[Symbol]	COMBINATION EMERGENCY LIGHTING UNIT / EXIT SIGN
[Symbol]	EXIT SIGN; WALL MOUNTED / CEILING MOUNTED; ARROWS INDICATE DIRECTION OF EGRESS
[Symbol]	SINGLE POLE SWITCH
[Symbol]	DIGITAL TIME SWITCH
[Symbol]	LIGHTING CONTROL STATION
[Symbol]	WALL MOUNTED OCCUPANCY / VACANCY SENSOR
[Symbol]	360 DEGREE OCCUPANCY / VACANCY SENSOR



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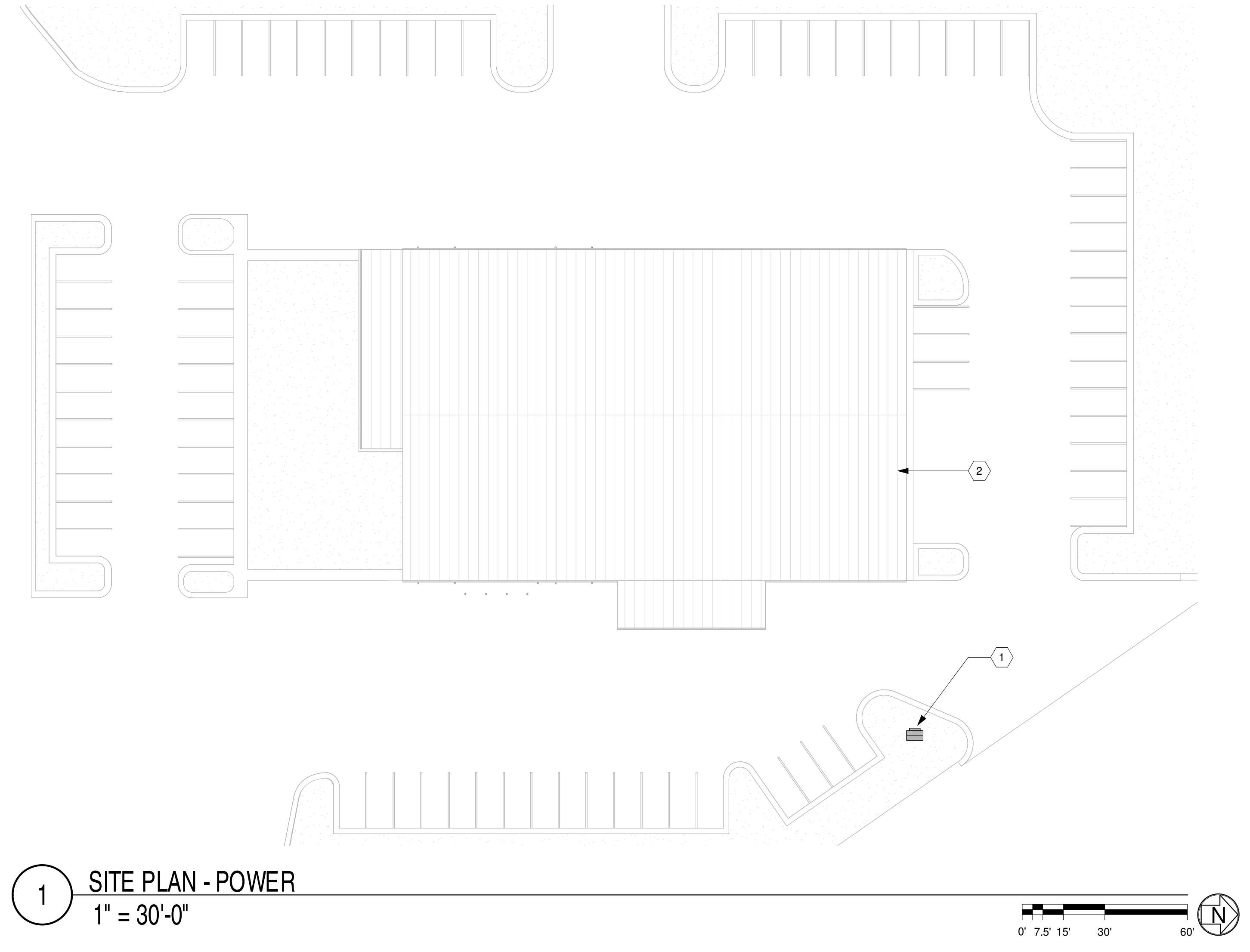
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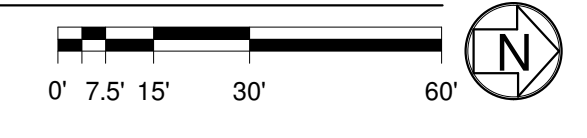
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1 SITE PLAN - POWER
1" = 30'-0"



GENERAL SHEET NOTES

- A FIELD VERIFY EXACT LOCATION OF ALL EXISTING BURIED UTILITIES AND EQUIPMENT PRIOR TO ANY EXCAVATING FOR NEW WORK. HAND EXCAVATE AROUND EXISTING UTILITIES AND AVOID DAMAGE OR INTERRUPTION OF SERVICES.
- B CONTACT LOCAL UTILITIES FOR INFORMATION REGARDING LOCATE REQUEST. SUBMIT COMPLETED LOCATE REQUEST AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION.
- C REFER TO CIVIL DRAWINGS FOR LIMITS OF DISTURBANCE AND ADDITIONAL UTILITY INFORMATION.
- D REFER TO LOW VOLTAGE DRAWINGS FOR TELECOM SERVICE ENTRANCE REQUIREMENTS.

SHEET KEYNOTES

- 1 COORDINATE EXACT LOCATION OF UTILITY PAD MOUNTED TRANSFORMER WITH ARCHITECT & ELECTRIC UTILITY. MAINTAIN 10FT CLEARANCE FROM BUILDING & 4FT CLEARANCE FROM DOORS & WINDOWS.
- 2 APPROXIMATE LOCATION OF MAIN SERVICE SWITCHBOARD.



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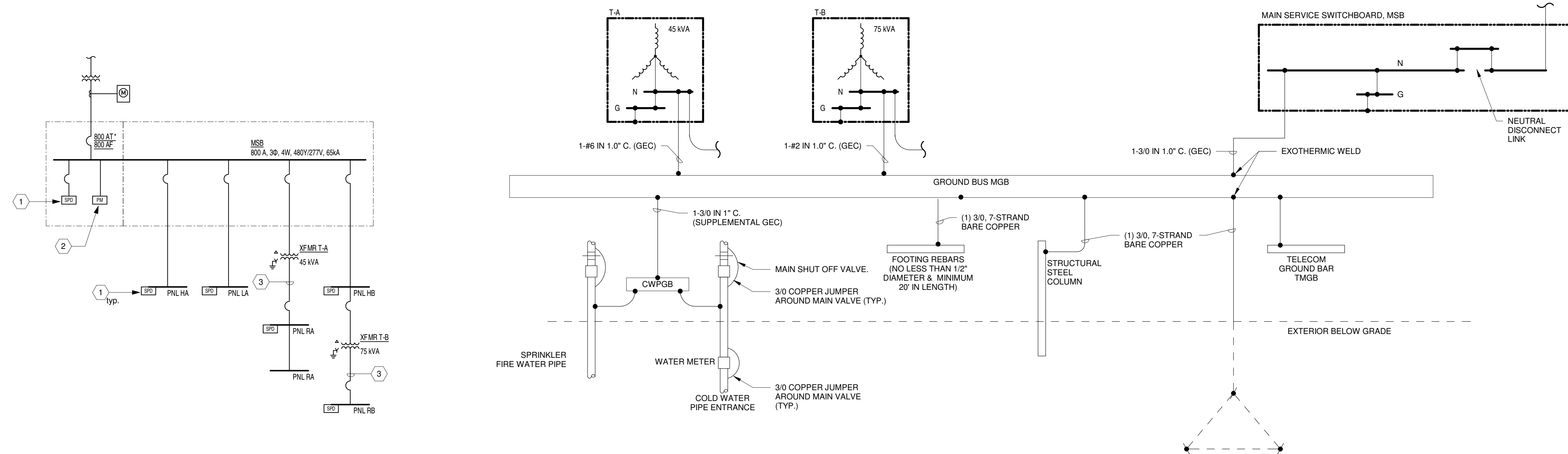
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PROJECT

MSB														
NOTES					ACCESSORIES					RATING:				
1					1	100% RATED MAIN BREAKER.				VOLTAGE:	800 A - MCB			
2					2	COPPER BUSSING				VOLTAGE:	480/277V, 3PH, 4W			
3					3	INTEGRAL SPD				SCCR:	65,000 AIC			
4					4	POWER METER				ENCLOSURE:	ELECTRICAL 122			
5					5					LOCATION:				
										FED FROM:				
#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1						1.6	1.3							2
3	XFRM T-A	3-#2, 1-#6G IN 1.50" C		90 A	3		0.0	1.3		3	150 A	3-#1/0, 1-#1/0, 1-#6G IN 2.50" C	PANEL HA	4
5														6
7						0.0	8.5							8
9	PANEL LA	3-#1, 1-#1, 1-#6G IN 1.50" C		100 A	3		0.0	8.5		3	225 A	3-#4/0, 1-#4/0, 1-#4G IN 2.50" C	PANEL HB	10
11														12
13						0.0	0.0							14
15	SPD	--	--	30 A	3		0.0	0.0		3	225 A	--	SPARE	16
17														18
19						--	--							20
21	SPACE	--	--	--	3		--	--		3	--	--	SPACE	22
23														24
TOTAL (KVA):						11.4 KVA	9.87 KVA	9.87 KVA						
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS							
Motor				26.17 KVA	106.04%	27.75 KVA	TOTAL CONNECTED LOAD: 31.17 KVA							
HVAC - Heating				5.00 KVA	100.00%	5.00 KVA	CONNECTED CURRENT: 37 A							
							TOTAL DEMAND LOAD: 32.75 KVA							
							TOTAL DEMAND CURRENT: 39 A							

TRANSFORMER CONNECTION SCHEDULE									
NAME	RATING	MOUNTING	PRIMARY VOLTAGE	PRIMARY OVERCURRENT PROTECTION	PRIMARY FEEDER	SECONDARY VOLTAGE	SECONDARY OVERCURRENT PROTECTION	SECONDARY FEEDER	GROUNDING ELECTRODE CONDUCTOR
T-A	45.00 KVA	FLOOR	480 V	90 A	3#2, 1#6G - 1.00" C	208Y/120V	150 A	4#1/0, 1#6G - 2.00" C	1#6G - 0.75" C
T-B	75.00 KVA	FLOOR	480 V	150 A	3#1/0, 1#6G - 1.50"	208Y/120V	250 A	4#250 1#2G - 2.50" C	1#2G - 0.75" C

ELECTRICAL DISTRIBUTION EQUIPMENT SCHEDULE																
NAME	LOCATION	ELECTRICAL INFO			FED FROM	MAINS		ACCESSORIES		CONNECTED LOAD		MOUNTING	# OF POLES	SCCR	AVAILABLE FAULT CURRENT	SCHEDULE LOCATION (SHEET)
		VOLTAGE	PHASE	# OF WIRES		TYPE	RATING	FT LUGS	SPD	KVA	AMPS					
FINISH FLOOR																
LA	ELECTRICAL 122	480 V	3	4	MSB	MLO	100 A	Yes	0.00 KVA	0 A	Surface	30				E9.3
RA	ELECTRICAL 122	208 V	3	4	T-A	MCB	150 A	Yes	1.56 KVA	4 A	Surface	42				E9.3
RA	ELECTRICAL 122	208 V	3	4	RA	MLO	150 A		0.00 KVA	0 A	Surface	30				E9.3
HA	ELECTRICAL 122	480 V	3	4	MSB	MLO	225 A	Yes	3.99 KVA	5 A	Surface	30				E9.3
RB	MAINTENANCE BAYS 130	208 V	3	4	T-B	MCB	250 A	Yes	0.00 KVA	0 A	Surface	42				E9.4
HB	MAINTENANCE BAYS 130	480 V	3	4	MSB	MLO	225 A	Yes	25.62 KVA	31 A	Surface	42				E9.4



1 ELECTRICAL ONE-LINE DIAGRAM - POWER
NOT TO SCALE

2 ELECTRICAL ONE-LINE DIAGRM - GROUNDING
NOT TO SCALE

GENERAL SHEET NOTES

- A ALL PANELBOARDS SHALL BE PROVIDED WITH COPPER BUSSING.
- B DRY-TYPE TRANSFORMERS SHALL BE PROVIDED WITH COPPER WINDINGS; 115 DEGREE TEMPERATURE RISE.
- C PROVIDE A TIME-CURRENT COORDINATION AND SHORT CIRCUIT STUDY, PREPARED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF GEORGIA.
- D PROVIDE AN ARC FLASH STUDY, PREPARED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF GEORGIA, PROVIDE & APPLY ARC FLASH LABELS WITH CALCULATED INCIDENT ENERGY TO ALL ELECTRICAL EQUIPMENT.
- E EACH TRANSFORMER/SEPARATELY DERIVED SYSTEM SHALL BE BONDED TO THE NEAREST AVAILABLE POINT OF THE INTERIOR METAL WATER PIPING SYSTEM AND STRUCTURAL STEEL IN THE AREA SERVED BY EACH SEPARATELY DERIVED SYSTEM PER NEC 250.

SHEET KEYNOTES

- 1 PROVIDE FACTORY INSTALLED SURGE PROTECTION DEVICE AS AN INTEGRAL PART OF INDICATED PANELBOARDS, COMPLYING WITH UL 1449 SPD TYPE 1 OR TYPE 2. LENGTH OF CONDUCTORS SHALL NOT EXCEED 3'-0".
- 2 PROVIDE FACTORY INSTALLED POWER METER AS AN INTEGRAL PART OF SWITCHBOARD.
- 3 LENGTH OF TRANSFORMER SECONDARY CONDUCTORS SHALL NOT EXCEED 10'-0" PER NEC ARTICLE 240-21(C)(2).

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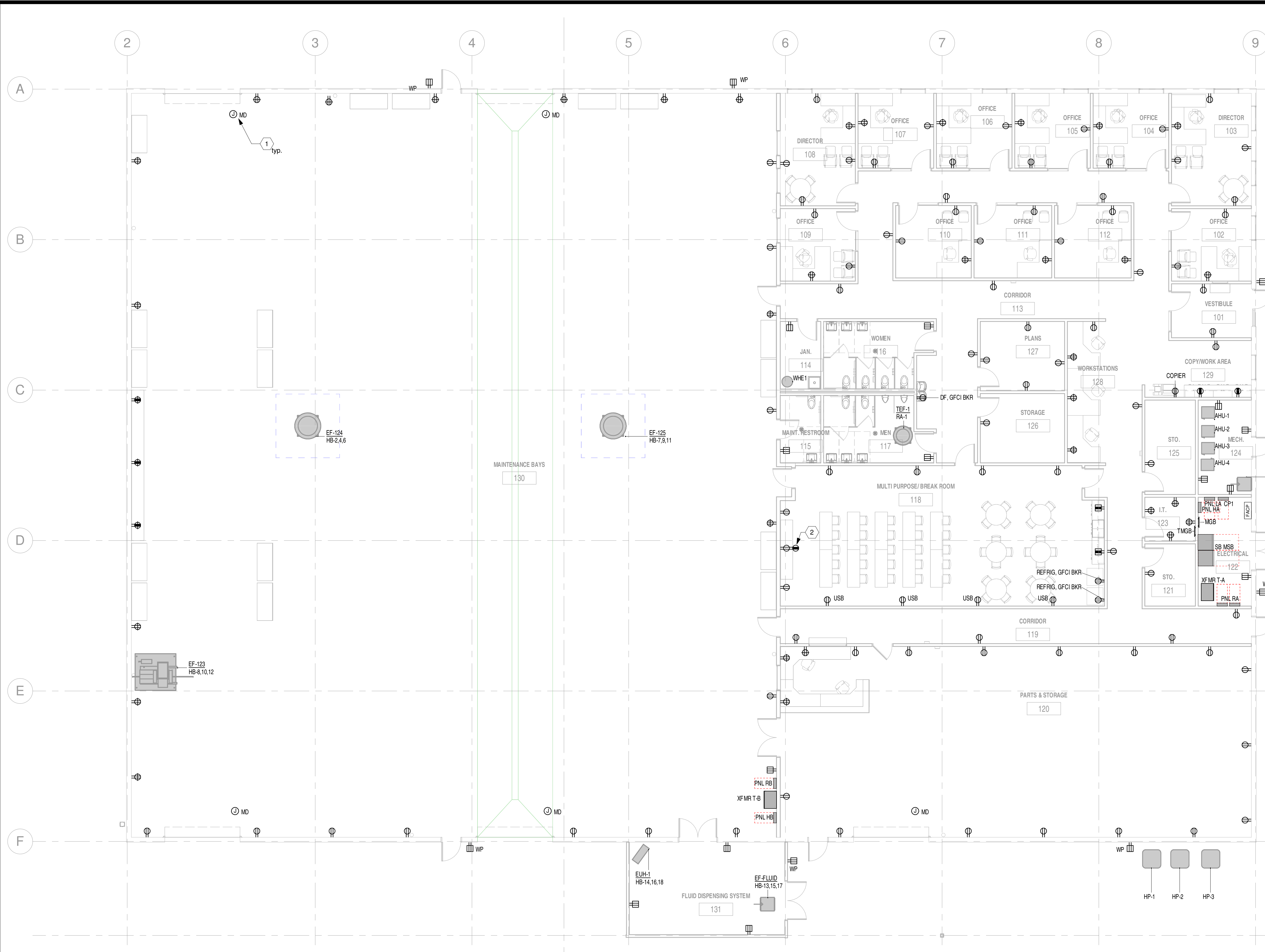
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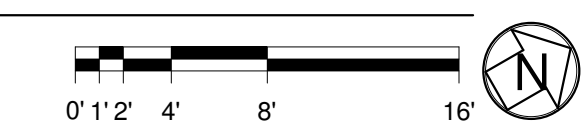
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GENERAL SHEET NOTES

- A PROVIDE 120V POWER AS REQUIRED FOR SECURITY EQUIPMENT.
 - B PROVIDE 120V POWER AS REQUIRED FOR A/V EQUIPMENT. COORDINATE EXACT HEIGHTS AND LOCATIONS WITH A/V DRAWINGS. REFER TO A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS.
 - C PROVIDE POWER FOR OWNERS SPECIAL EQUIPMENT.
 - D REFER TO HVAC EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE FOR POWER REQUIREMENTS FOR HVAC EQUIPMENT.
 - E REFER TO PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE FOR POWER REQUIREMENTS FOR PLUMBING EQUIPMENT.
- SHEET KEYNOTES**
- 1 PROVIDE POWER FOR MOTORIZED DOOR. (TYPICAL)
 - 2 PROVIDE RECEPTACLE FOR WALL DISPLAY. COORDINATE WITH LOW VOLTAGE DRAWINGS.

1 FLOOR PLAN - POWER
 1/8" = 1'-0"



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**FLOOR PLAN -
 POWER**

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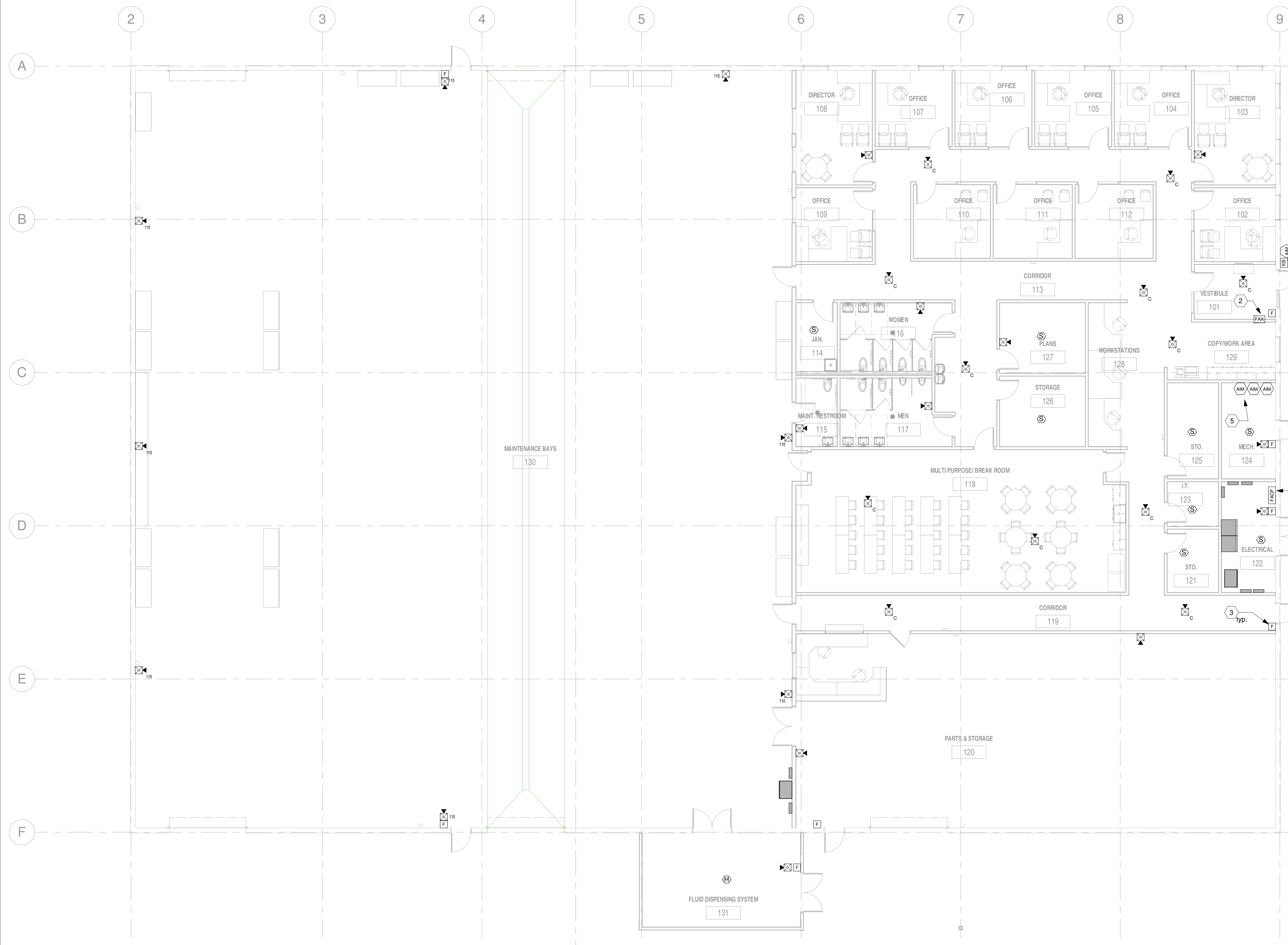
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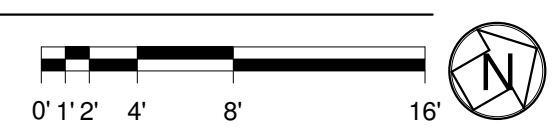
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- ### GENERAL SHEET NOTES
- A PROVIDE A NEW NFPA CODE-COMPLIANT MICROPROCESSOR CONTROLLED, INTELLIGENT, ADDRESSABLE FIRE ALARM CONTROL SYSTEM WITH VOICE EVACUATION & CELLULAR COMMUNICATIONS.
 - B PROVIDE FIRE DETECTION AND ALARM SYSTEM DESIGN DRAWINGS AND SUBMIT TO ARCHITECT FOR REVIEW. AFTER REVIEW BY DESIGN TEAM, SUBMIT TO THE AUTHORITY HAVING JURISDICTION.
 - C ALL FIRE ALARM CABLING SHALL BE INSTALLED IN CONDUIT.
 - D COORDINATE EXACT LOCATION OF FIRE ALARM APPLIANCES WITH ARCHITECT, TYPICAL.
 - E PROVIDE FIRE ALARM INTERFACE TO RELEASE DOORS UPON FIRE ALARM CONDITION. MOUNT FIRE ALARM INTERFACE DEVICE ABOVE NEAREST ACCESSIBLE CEILING.
 - F FIRE ALARM CONTROL PANEL, COMPLY WITH NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2019 EDITION, CHAPTER 10 - REFERENCE PARAGRAPHS 10.6.5.2.2, 10.6.5.2.3, 10.6.5.2.4, 10.6.5.4 - DEDICATED BRANCH CIRCUIT SHALL BE PERMANENTLY IDENTIFIED AS TO ITS PURPOSE. HAVE A RED MARKING THAT DOES NOT DAMAGE THE OVERCURRENT PROTECTIVE DEVICE OR OBSCURE THE MANUFACTURER'S MARKINGS, AND SHALL HAVE A LISTED BREAKER LOCKING DEVICE INSTALLED. REFERENCE PARAGRAPH 10.6.5.2.1 - LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY LABELED ON THE FIRE ALARM CONTROL UNIT. COMPLY WITH PARAGRAPH 10.6.10.1.2 - BATTERIES SHALL BE PERMANENTLY MARKED WITH THE MONTH AND YEAR OF MANUFACTURE.
 - G WALL MOUNTED FIRE ALARM NOTIFICATION APPLIANCES SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80 INCHES AND NOT GREATER THAN 96 INCHES ABOVE THE FINISHED FLOOR. TYPICAL FOR ALL LOCATIONS.
 - H SMOKE DETECTORS SHALL BE INSTALLED MINIMUM 3' FROM DIFFUSERS AND MINIMUM 5' FROM CEILING FANS.
 - I NOTIFY THE STATE FIRE MARSHALS OFFICE, VIA SFM FORM 354A, AT LEAST 30 WORKING DAYS PRIOR TO BEGINNING OF INSTALLATION OF FIRE ALARM SYSTEM (INCLUDING ROUGH-IN), AND SUBMIT THREE COPIES OF COMPLETE INFORMATION REGARDING SYSTEM, IN COMPLIANCE WITH NFPA 72, NATIONAL FIRE ALARM SIGNALING CODE, 2019 EDITION (WITH 2020 GA AMENDMENTS), CHAPTERS 7 AND 10.
 - J PROVIDE A DOCUMENTATION CABINET AT THE SYSTEM CONTROL UNIT OR ANOTHER APPROVED LOCATION AT THE PROTECTED PREMISES. THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTATION". WHERE THE DOCUMENTATION CABINET IS NOT IN THE SAME ROOM AS THE SYSTEM CONTROL UNIT, ITS LOCATION SHALL BE IDENTIFIED AT THE SYSTEM CONTROL UNIT.

- ### SHEET KEYNOTES
- 1 FIRE ALARM CONTROL PANEL. PROVIDE LABEL ON PANEL IDENTIFYING CIRCUIT FED FROM INFORMATION PER NFPA 72, 2013 EDITION, CHAPTER 10, PARAGRAPH 10.6.5.2.1.
 - 2 PROVIDE RECESSED REMOTE ANNUNCIATOR PANEL. MOUNT AT 5'-0" (CENTER LINE) ABOVE FINISHED FLOOR.
 - 3 MOUNT FIRE ALARM MANUAL STATION MAXIMUM 5FT FROM DOOR. (TYPICAL)
 - 4 PROVIDE KNOX BOX WITH TAMPER SWITCH. COORDINATE EXACT LOCATION WITH ARCHITECT & AHJ.
 - 5 FIELD COORDINATE EXACT LOCATION FOR EQUIPMENT FURNISHED UNDER ANOTHER DIVISION OF WORK FOR NET AND DRY SPRINKLER SYSTEM MONITORING BY FIRE ALARM SYSTEM. CONNECT TO VALVE TAMPER AND FLOW SWITCHES. REFER TO FIRE PROTECTION SHOP DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF ALL FLOW AND TAMPER SWITCHES.

1 FLOOR PLAN - FIRE ALARM
 1/8" = 1'-0"



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 PROJECT

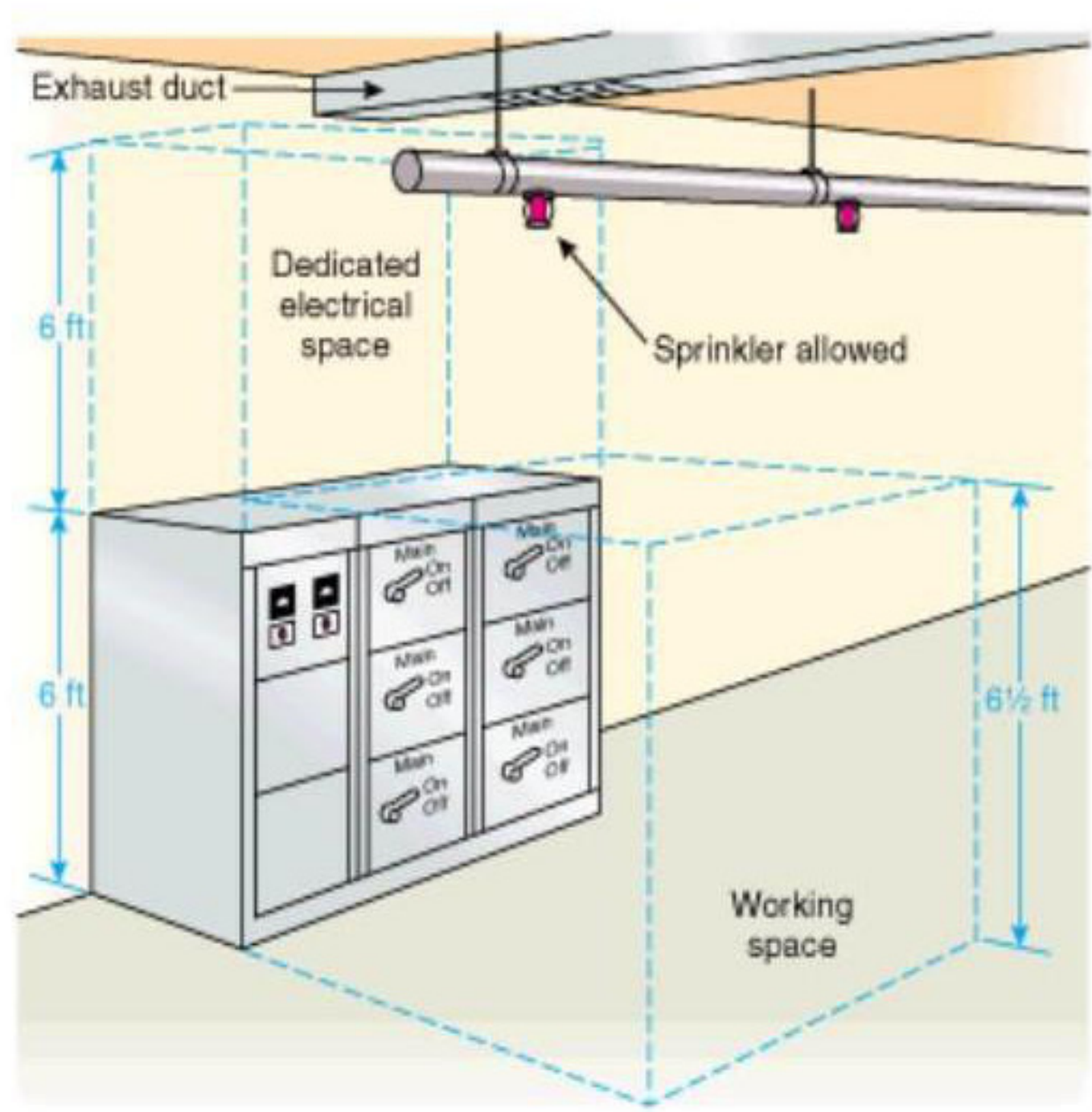
FLOOR PLAN - FIRE ALARM		CHECKED
DESIGN	BCE	BCE
DRAWN	BCE	BCE
SHEET TITLE		BCE

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1 DETAIL - DEDICATED ELECTRICAL & WORKING SPACE
 NOT TO SCALE

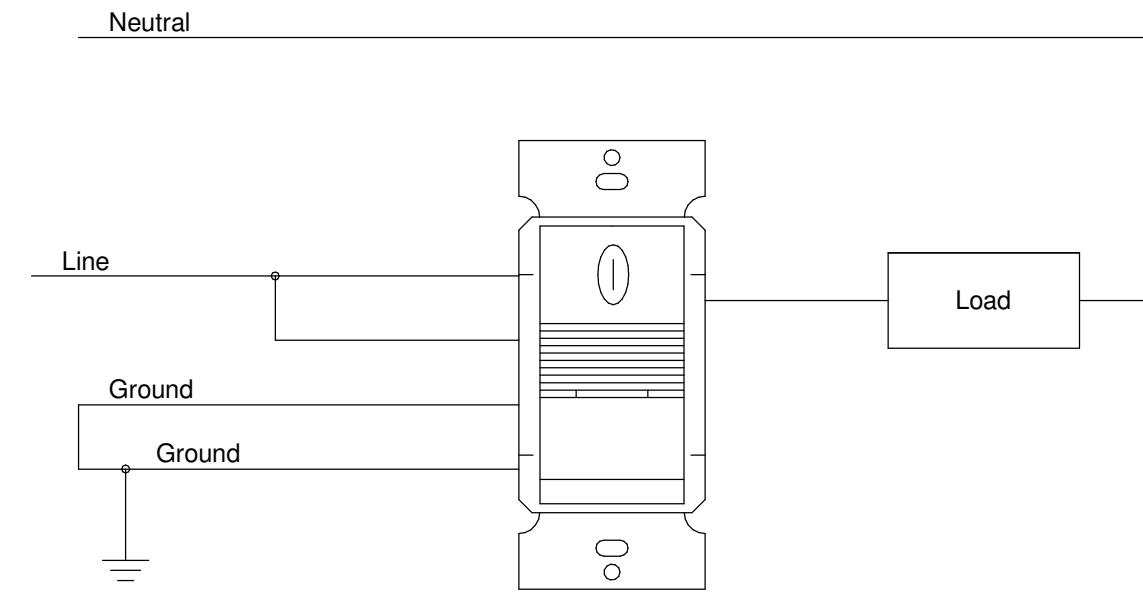
XFMR T-P4
 480V PRIM // 208Y/120V SEC
 75kVA
 FED FROM PNL DP

PANEL P4
 208Y/120V-3PH, 4W
 250A MCB
 FED FROM XFMR T-P4

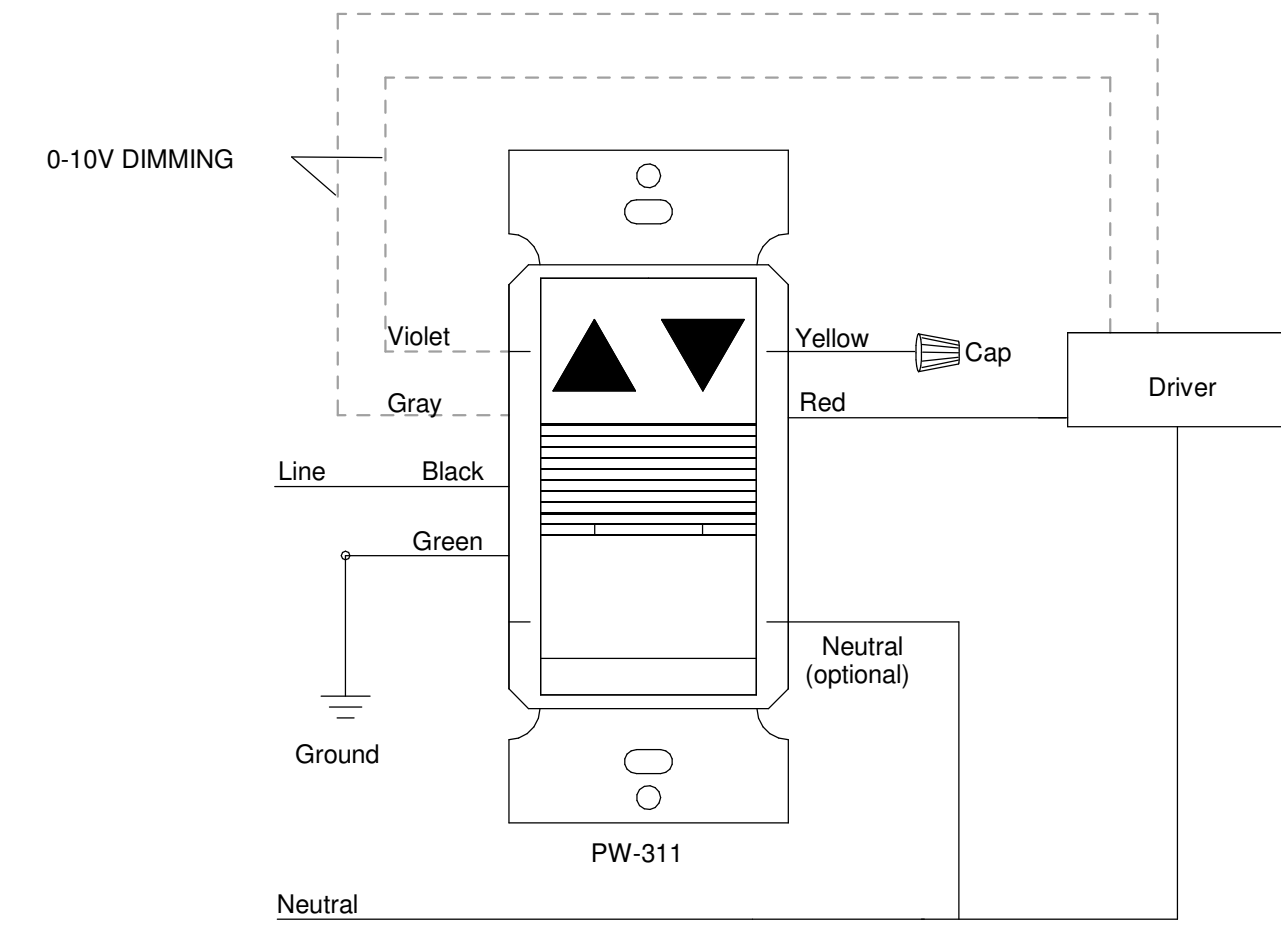
2 DETAIL - TYPICAL NAMEPLATES
 12" = 1'-0"

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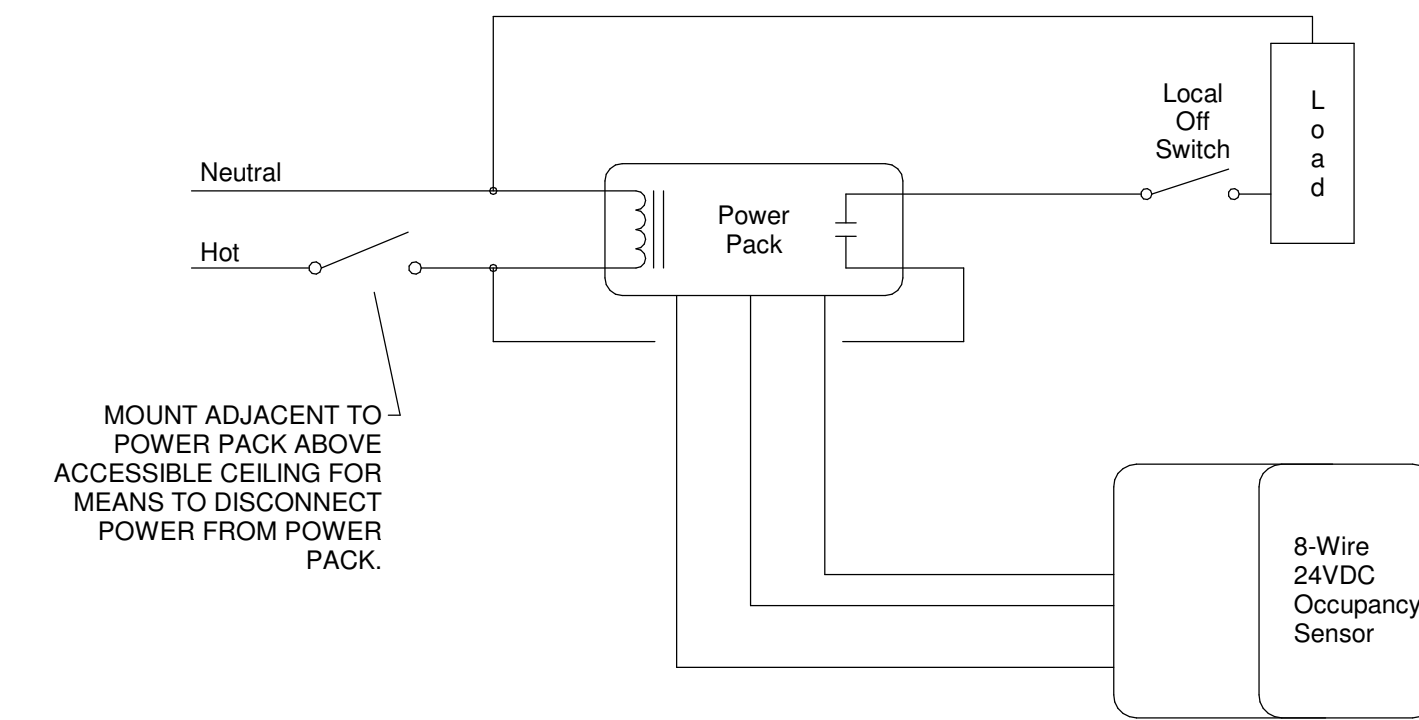
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<p>DETAILS</p>		<p>DESIGN BCE</p>		<p>CHECKED BCE</p>	
<p>DATE 07/18/24</p>		<p>NO. DESCRIPTION 30% CONSTRUCTION DOCS</p>		<p>RELEASE</p>	
<p>DATE 07/18/24</p>		<p>PROJ. NUMBER 24301</p>		<p>SHEET TITLE PROJECT</p>	
<p>FILE NUMBER</p>		<p>FILE NAME</p>		<p>FILE NUMBER</p>	
<p>E8.1</p>					



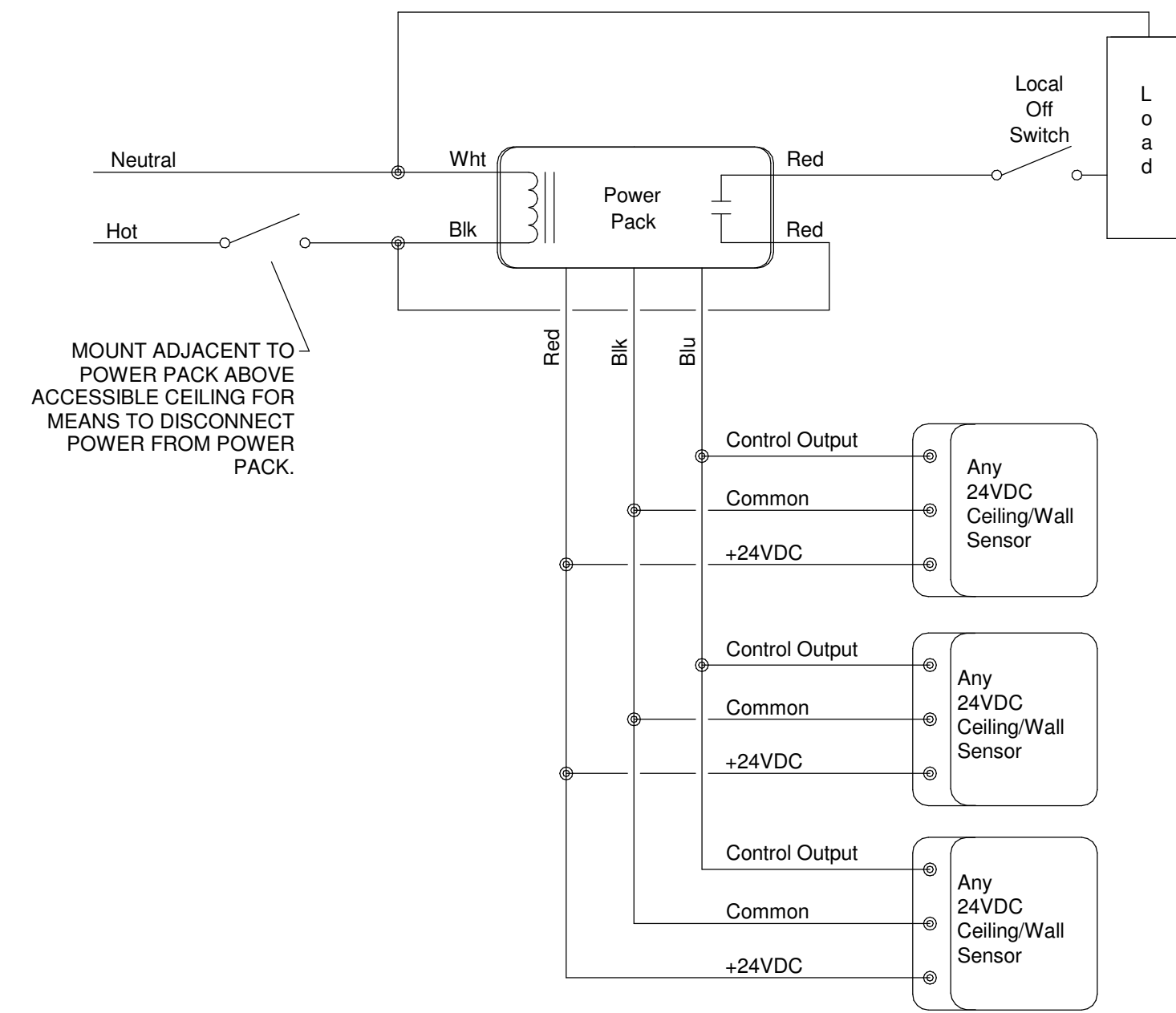
1 WIRING DIAGRAM - OCCUPANCY SENSOR TYPE A
 NOT TO SCALE



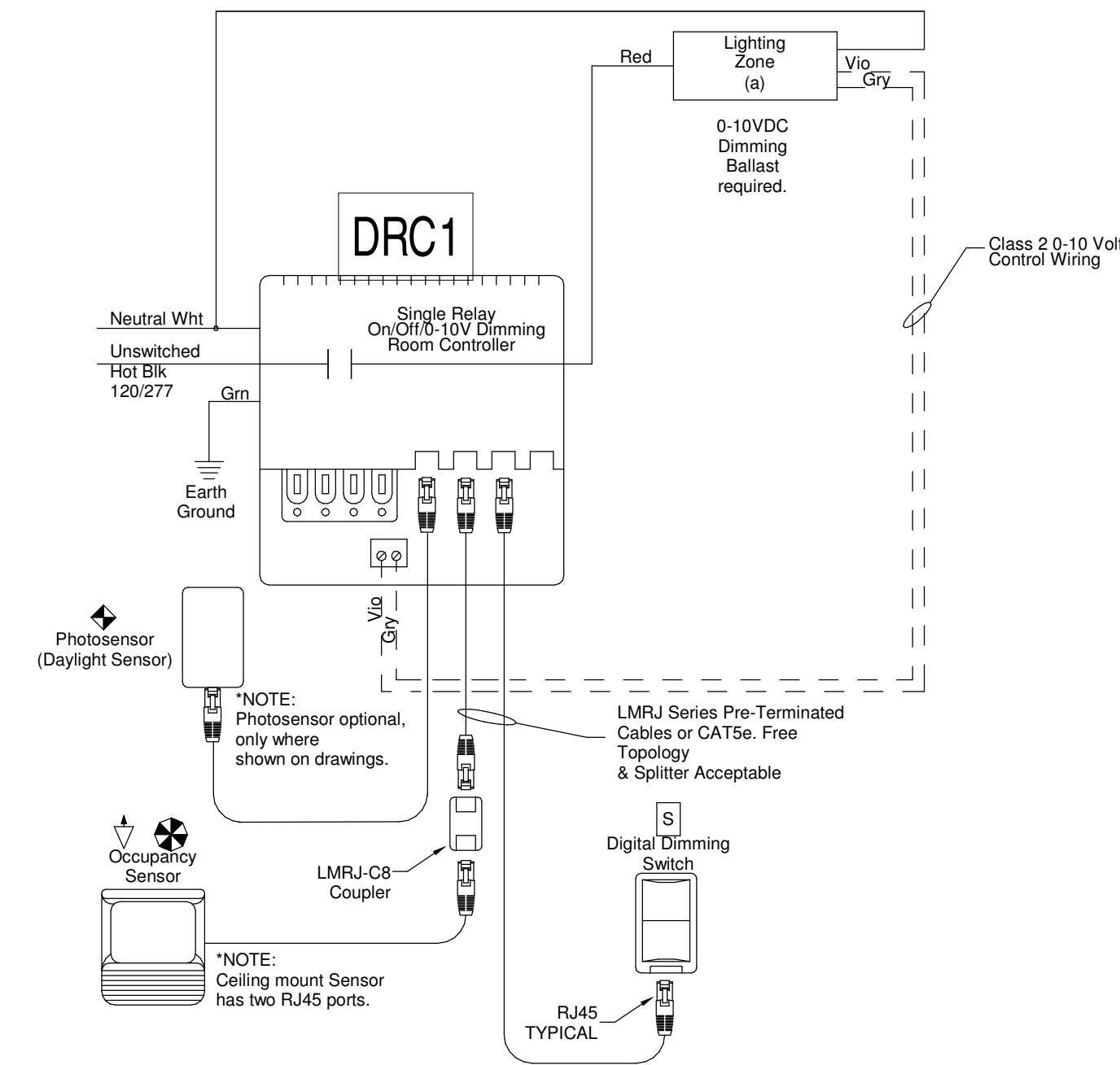
2 WIRING DIAGRAM - 0-10V DIMMING OCCUPANCY SENSOR TYPE D
 NOT TO SCALE



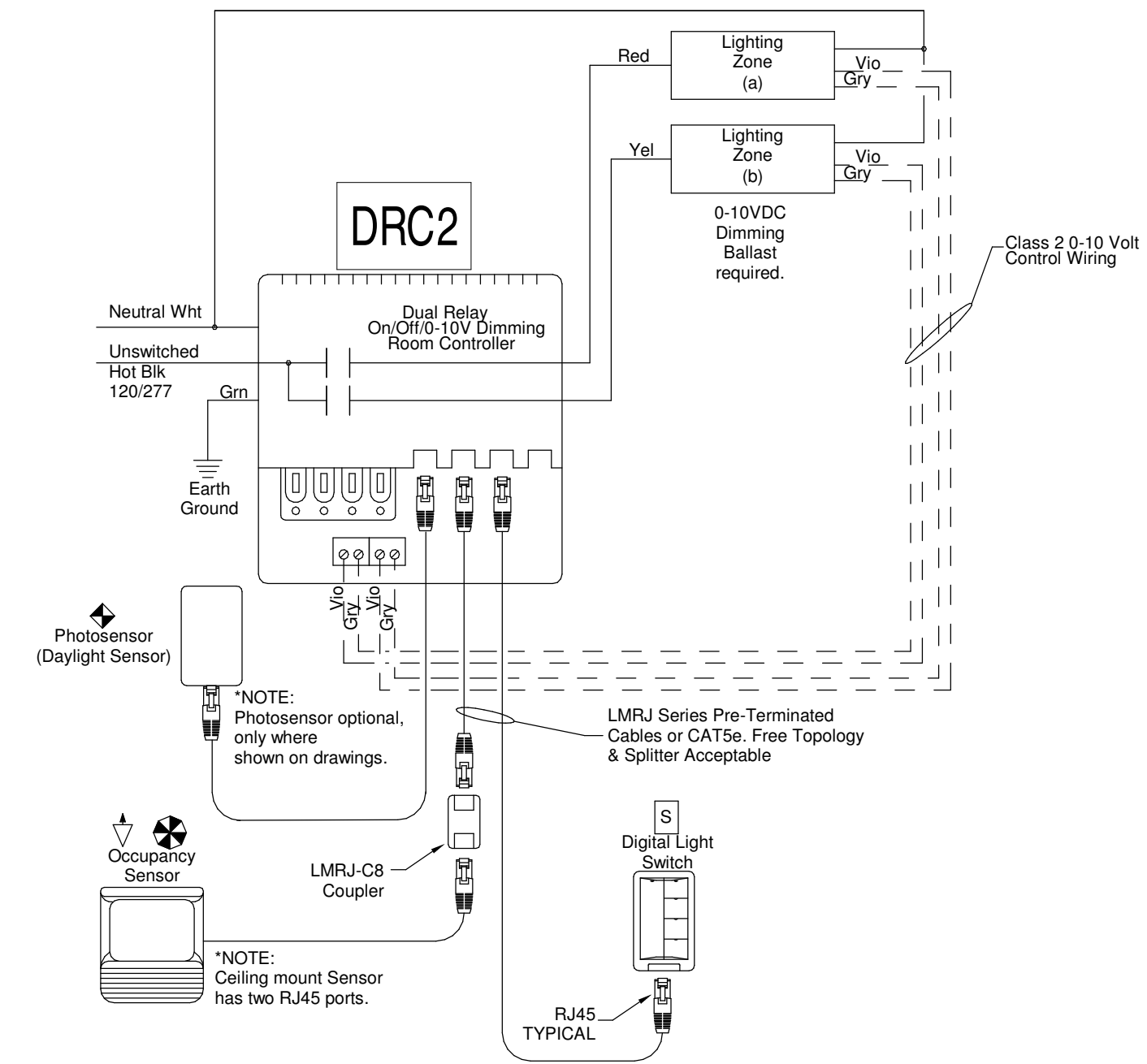
3 WIRING DIAGRAM - TYPICAL CEILING MOUNTED OCCUPANCY SENSOR
 NOT TO SCALE



4 WIRING DIAGRAM - MULTIPLE OCCUPANCY SENSORS WITH ONE POWER PACK
 NOT TO SCALE



5 WIRING DIAGRAM - DIGITAL ROOM CONTROLLER W/ ONE ZONE DIMMING (TYPE DRC1)
 NOT TO SCALE



6 WIRING DIAGRAM - DIGITAL ROOM CONTROLLER W/ TWO ZONE DIMMING (TYPE DRC2)
 NOT TO SCALE

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PROJECT

SHEET TITLE

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LUMINAIRE SCHEDULE												
TYPE	DESCRIPTION	LIGHT SOURCE	CRI	COLOR TEMP.	LUMINOUS FLUX	INPUT POWER	VOLTAGE	DRIVER	MOUNTING	MANUFACTURER	BASIS OF DESIGN	SERIES
D6R	6IN LED ROUND RECESSED OPEN DOWNLIGHT WITH ALUMINUM REFLECTOR AND MEDIUM BEAM SPREAD.	LED	80	4000K	1500 lm	22 VA	277 V	0-10V, 1% DIMMING	RECESSED	PORTFOLIO		LD6815
ELU	LED THERMOPLASTIC EMERGENCY LIGHTING UNIT; PROVIDE WITH ROUND HEADS AND WHITE FINISH; PROVIDE WITH SELF DIAGNOSTICS AND MAINTENANCE FREE NICKEL-CADMIUM BATTERY.	LED				0 VA	277 V		SURFACE - WALL	SURE LITE		APEL
HB1	1FT X 2FT SELECTABLE LUMEN/CCT LED HIGHBAY	LED	80	4000K	31,000 lm	209 VA	277 V	0-10V DIMMING	CHAIN	METALUX		SPHB
HB1E	1FT X 2FT SELECTABLE LUMEN/CCT LED HIGHBAY; INTEGRAL BATTERY BALLAST.	LED	80	4000K	31,000 lm	209 VA	277 V	0-10V DIMMING	CHAIN	METALUX		SPHB
HB2S	1FT X 2FT SELECTABLE LUMEN/CCT LED HIGHBAY; ONBOARD SENSOR	LED	80	4000K	12,853 lm	82 VA	277 V	0-10V DIMMING	CHAIN	METALUX		SPHB
HB2SE	1FT X 2FT SELECTABLE LUMEN/CCT LED HIGHBAY; ONBOARD SENSOR; INTEGRAL BATTERY BALLAST.	LED	80	4000K	12,853 lm	82 VA	277 V	0-10V DIMMING	CHAIN	METALUX		SPHB
IS4	4FT INDUSTRIAL LENSED STRIP; PROVIDE WITH FULL FROST LENS; CHAIN HUNG OR SURFACE MOUNTED DEPENDING ON LOCATION; DAMP LOCATION LISTED;	LED	80	4000K	4000 lm	30 VA	277 V	0-10V DIMMING	SURFACE OR CHAIN	METALUX		SNLED
IS4E	4FT INDUSTRIAL LENSED STRIP; PROVIDE WITH FULL FROST LENS; CHAIN HUNG OR SURFACE MOUNTED DEPENDING ON LOCATION; DAMP LOCATION LISTED; INTEGRAL BATTERY BALLAST	LED	80	4000K	4000 lm	30 VA	277 V	0-10V DIMMING	SURFACE OR CHAIN	METALUX		SNLED
IS4S	4FT INDUSTRIAL LENSED STRIP; PROVIDE WITH FULL FROST LENS; CHAIN HUNG OR SURFACE MOUNTED DEPENDING ON LOCATION; DAMP LOCATION LISTED; INTEGRAL OCCUPANCY SENSOR	LED	80	4000K	4000 lm	30 VA	277 V	0-10V DIMMING	SURFACE OR CHAIN	METALUX		SNLED
OWE	EXTERIOR WALLMOUNTED, SLIM PROFILE; INTEGRAL COLD WEATHER BATTERY PACK	LED	80	4000K	2000 lm	18 VA	277 V		WALL	COOPER LUMARK		AXCENT
OWH	EXTERIOR WALLMOUNTED, HIGH OUTPUT; INTEGRAL PHOTOCELL	LED	80	4000K	5000 lm	45 VA	277 V		WALL	COOPER LUMARK		AXCENT
RT4	2FT X 4FT LED RECESSED ARCHITECTURAL TROFFER;	LED	90	4000K	4800 lm	32 VA	277 V	0-10V, 1% DIMMING	RECESSED	METALUX		ENCOUNTER
RT4E	2FT X 4FT LED RECESSED ARCHITECTURAL TROFFER;	LED	90	4000K	4800 lm	32 VA	277 V	0-10V, 1% DIMMING	RECESSED	METALUX		ENCOUNTER
X	EDGE-LIT LED EMERGENCY EXIT SIGN; RED LETTERS; RECESSED HOUSING; PROVIDE MAINTENANCE FREE NICKEL CADMIUM BATTERY AND SELF DIAGNOSTICS; PROVIDE MIRROR BACKGROUND. PROVIDE ARROW CONFIGURATION AS SHOWN ON DRAWINGS.						277 V		CEILING	SURE LITE		EUX
XC	LED THERMOPLASTIC COMBINATION EXIT SIGN AND EMERGENCY LIGHTING UNIT WITH TWO ROUND HEADS, WHITE FINISH, RED LETTERS. PROVIDE WITH SELF DIAGNOSTICS AND MAINTENANCE FREE NICKEL CADMIUM BATTERY. PROVIDE ARROW CONFIGURATION AS SHOWN ON DRAWINGS.	LED				0 VA	277 V		WALL	SURE LITE		APC
XW	WALL MOUNTED THERMOPLASTIC LED EMERGENCY EXIT SIGN, RED LETTERS, WHITE FINISH; PROVIDE SELF DIAGNOSTICS AND MAINTENANCE FREE NICKEL-CADMIUM BATTERY. PROVIDE ARROW CONFIGURATION AS SHOWN ON THE DRAWINGS.						277 V		WALL - BACK MOUNT	SURE LITE		CX

LIGHTING DEVICES				
TYPE MARK/ID	DESCRIPTION	MOUNTING	BASIS OF DESIGN MANUFACTURER	ALTERNATE(S) MANUFACTURER(S)
[S]	DIGITAL WALL CONTROL STATION; COORDINATE WITH DIGITAL ROOM CONTROLLER (DRC); REFER TO SWITCH SCHEDULES FOR DIMMING REQUIREMENTS.	WALL MOUNTED	WATTSTOPPER	ACUTY, ILC
A	SINGLE BUTTON PIR WALL SWITCH; LINE VOLTAGE; 1000SF COVERAGE AREA; MANUAL ON/AUTO OFF.	WALL MOUNTED @ 48 IN. A.F.F.	WATTSTOPPER	ACUTY, ILC
D	DUAL TECHNOLOGY WALL SWITCH WITH 0-10V LED DIMMING; LINE VOLTAGE; 1000SF COVERAGE AREA; MANUAL ON/AUTO OFF.	WALL MOUNTED @ 48 IN. A.F.F.	WATTSTOPPER	ACUTY, ILC
H	360 DEGREE 2000SF COVERAGE DUAL TECHNOLOGY CEILING SENSOR. PROVIDE WITH SWITCHPACK; AUTO ON/AUTO OFF	CEILING	WATTSTOPPER	ACUTY, ILC
T	DIGITAL TIME SWITCH; LINE VOLTAGE, WITH VISUAL AND AUDIO WARNING PRIOR TO TIME-OUT.	WALL MOUNTED @ 48 IN. A.F.F.	WATTSTOPPER	ACUTY, ILC
V	360 DEGREE DUAL TECHNOLOGY CEILING VACANCY SENSOR; 2000SF COVERAGE AREA; COORDINATE WITH DIGITAL ROOM CONTROLLER (DRC).	CEILING	WATTSTOPPER	ACUTY, ILC

OCCUPANCY SENSOR SCHEDULE NOTES:
SET ALL OCCUPANCY SENSORS ON MAXIMUM SENSITIVITY, MAX TIME DELAY THAT AVOIDS THE WALK-THROUGH MODE. DISABLE PHOTO-ELECTRIC MODE. AND DISABLE WALK-THROUGH MODE. CONTRACTOR SHALL REVIEW PROPOSED SETTINGS WITH OWNER PRIOR TO INSTALLATION.

LIGHTING COMPLIANCE REPORT

CONTROL INTENT SCHEDULES			
NO.	DESCRIPTION	DATE	NO.
07/18/24	30% CONSTRUCTION DOCS		

MAINTENANCE BAYS: NETWORK LIGHTING CONTROL PANEL PROVIDES TIMELOCK CONTROL OF FIXTURES WITH MANUAL WALL SWITCH OVERRIDE DURING UNOCCUPIED HOURS. CONTROL SEQUENCE OF OPERATION: • DURING BUSINESS HOURS, TIMELOCK WILL TURN LIGHTS ON AND REMAIN ON UNTIL AFTER BUSINESS HOURS. • AFTER BUSINESS HOURS, MANUAL WALL SWITCH WILL PROVIDE OVERRIDE OF LIGHTS FOR A PRESET TIME. • UPON LOSS OF NORMAL POWER, SWITCHED EGRESS LUMINAIRES WILL TURN ON TO 100% VIA FIXTURE BATTERY. • UNSWITCHED EGRESS LUMINAIRES REMAIN ON AT ALL TIMES.	MEETING ROOM/BREAK, LARGE PRIVATE OFFICES, PARTS OFFICE: DIGITAL ROOM CONTROLLER (DRC) PROVIDES DIMMING OF FIXTURES WITH SWITCH OVERRIDE. CONTROL SEQUENCE OF OPERATION: • OCCUPANCY SENSOR TURNS LIGHTS ON AUTOMATICALLY TO 50%. • VACANCY SENSOR TURNS LIGHTS OFF AUTOMATICALLY BASED ON OCCUPANCY. • DIMMED BY ZONE(S) (SHOWN ON DRAWINGS) • WALL MOUNTED SWITCHES, PROVIDES ON, OFF, DIM TO 1% AND RAISE TO 100% BASED ON ZONES. • UPON LOSS OF NORMAL POWER, EGRESS LUMINAIRES WILL TURN ON TO 100% VIA BATTERY BACKUP.	PRIVATE OFFICES: DIMMING WALL SWITCH OCCUPANCY SENSOR (TYPE D) PROVIDES CONTROL OF FIXTURES. CONTROL SEQUENCE OF OPERATION: • WALL SWITCH MANUALLY TURNS LIGHTS ON AND DIMS • OCCUPANCY SENSOR TURNS LIGHTS OFF AUTOMATICALLY BASED ON OCCUPANCY.	MECHANICAL/JANITOR ROOMS: LIGHTING IS CONTROLLED BY DIGITAL TIMER WALL SWITCH. CONTROL SEQUENCE OF OPERATION: • WALL MOUNTED SWITCH MANUALLY TURNS LIGHTS ON. • TIMER AUTOMATICALLY TURNS LIGHTS OFF AFTER PRESET TIME (MAXIMUM OF 30MIN).
PARTS WAREHOUSE: LIGHTING IS CONTROLLED INDIVIDUALLY VIA INTEGRAL OCCUPANCY SENSOR. CONTROL SEQUENCE OF OPERATION: • OCCUPANCY SENSOR TURNS LIGHTS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY. • WHEN UNOCCUPIED FOR 5 MIN, FIXTURE AUTOMATICALLY DIMS DOWN TO 30%. • WHEN UNOCCUPIED FOR 30 MIN, FIXTURE AUTOMATICALLY TURNS OFF. • UPON LOSS OF NORMAL POWER, SWITCHED EGRESS LUMINAIRES WILL TURN ON TO 100% VIA FIXTURE BATTERY. • UNSWITCHED EGRESS LUMINAIRES REMAIN ON AT ALL TIMES.	EXTERIOR SECURITY WALL PACKS: LIGHTING IS CONTROLLED BY INTEGRAL PHOTOSENSOR. CONTROL SEQUENCE OF OPERATION: • PHOTOSENSOR AUTOMATICALLY TURNS LIGHTS ON AT DUSK AND OFF AT DAWN.	OFFICE CORRIDORS: CEILING MOUNTED OCCUPANCY SENSOR (TYPE H) PROVIDES CONTROL OF FIXTURES. CONTROL SEQUENCE OF OPERATION: • OCCUPANCY SENSOR TURNS LIGHTS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY.	ELECTRICAL ROOM: LIGHTING IS CONTROLLED BY WALL SWITCH. CONTROL SEQUENCE OF OPERATION: • WALL MOUNTED SWITCH MANUALLY TURNS LIGHTS ON AND OFF.
	EXTERIOR EGRESS WALL PACKS: LIGHTING IS CONTROLLED BY INTEGRAL PHOTOSENSOR. CONTROL SEQUENCE OF OPERATION: • BUILDING MOUNTED PHOTOSENSOR AUTOMATICALLY TURNS LIGHTS ON AT DUSK AND OFF AT DAWN. • UPON LOSS OF NORMAL POWER, EGRESS LUMINAIRES WILL TURN ON TO 100% VIA BATTERY BACKUP.	FLUID DISPENSING ROOM: LIGHTING IS CONTROLLED INDIVIDUALLY VIA INTEGRAL OCCUPANCY SENSOR. CONTROL SEQUENCE OF OPERATION: • OCCUPANCY SENSOR TURNS LIGHTS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY.	SINGLE TOILETS/STORAGE ROOMS: WALL SWITCH OCCUPANCY SENSOR (TYPE A) PROVIDES CONTROL OF FIXTURES. CONTROL SEQUENCE OF OPERATION: • WALL SWITCH MANUALLY TURNS LIGHTS ON • OCCUPANCY SENSOR TURNS LIGHTS OFF AUTOMATICALLY BASED ON OCCUPANCY.
		UNSWITCHED EGRESS INTERIOR LIGHTING: UNSWITCHED INTERIOR EGRESS LIGHTING SHALL NOT BE CONNECTED THROUGH THE LIGHTING CONTROL PANEL, DIGITAL ROOM CONTROLLER, OR SWITCH. CONTROL SEQUENCE OF OPERATION: • FIXTURES REMAIN ON AT ALL TIMES. • UPON LOSS OF NORMAL POWER, THE LIGHTS WILL TURN ON VIA BATTERY BACKUP.	GROUP RESTROOMS: CEILING MOUNTED OCCUPANCY SENSOR (TYPE H) PROVIDES CONTROL OF FIXTURES. CONTROL SEQUENCE OF OPERATION: • OCCUPANCY SENSOR TURNS LIGHTS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY.

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FILE NAME
FILE NUMBER
E9.1

RELEASE

LIGHTING CONTROL PANEL CP1

NOTES												ACCESSORIES												RATING:		
1												1												277V, 1PH, 2W		
2												2												SCCR:		
3												3												ENCLOSURE: Type 1 - Surface		
4												4												LOCATION: ELECTRICAL 122		
5												5												FED FROM:		
#	DESCRIPTION	RELAY	NOTE	AMP	P	A	P	AMP	NOTE	RELAY	DESCRIPTION	#														
1												2														
3												4														
5												6														
7												8														
9												10														
11												12														
13												14														
15												16														
17												18														
19												20														
21												22														
23												24														
				TOTAL (kVA):		0.0 kVA																				

PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE

EQUIPMENT ID	FED FROM	LOAD	VOLTAGE	POLES	MOTOR (hp)	HEAT (kW)	DISCONNECTING MEANS
WHE1		0.00 kVA	480 V	2			60A/3NF

HVAC EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE

EQUIPMENT ID	FED FROM	LOAD	VOLTAGE	POLES	MOTOR (hp)	HEAT (kW)	DISCONNECTING MEANS
ELECTRIC HEATERS							
EUH-1	HB - 14,16,18	5.00 kVA	480 V	3		5	30A/3NF
FANS							
EF-123	HB - 8,10,12	3.99 kVA	480 V	3			30A/3NF/WP
EF-124	HB - 2,4,6	6.32 kVA	480 V	3			30A/3NF/WP
EF-125	HB - 7,9,11	6.32 kVA	480 V	3			30A/3NF/WP
EF-ELEC	HA - 1,3,5	3.99 kVA	480 V	3			30A/3NF/WP
EF-FLUID	HB - 13,15,17	3.99 kVA	480 V	3			30A/3NF/WP
TEF-1	RA - 1	1.56 kVA	120 V	1	1		
SPLIT SYSTEMS							
AHU-1		0.00 kVA	480 V	3			
AHU-2		0.00 kVA	480 V	3			
AHU-3		0.00 kVA	480 V	3			
AHU-4		0.00 kVA	480 V	3			
HP-1		0.00 kVA	208 V	1			
HP-2		0.00 kVA	208 V	1			
HP-3		0.00 kVA	208 V	1			



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DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

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PANELBOARD HA

NOTES		ACCESSORIES										RATING:	
1		1	INTERNAL SURGE PROTECTION DEVICE.										225 A - MLO
2		2	COPPER BUSSING.										VOLTAGE: 480/277V, 3PH, 4W
3		3											SCCR: Type 1 - Surface
4		4											LOCATION: ELECTRICAL 122
5		5											FED FROM: MSB

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1						1.3								2
3	EF-ELEC	3#12, 1#12G IN 0.75°C		15 A	3		1.3							4
5								1.3						6
7														8
9														10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27	SPD	-		30 A	3	0.0	0.0	0.0						28
29														30
TOTAL (kVA):						1.3 kVA	1.33 kVA	1.33 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS	
Motor	3.99 kVA	125.00%	4.99 kVA	TOTAL CONNECTED LOAD:	3.99 kVA
				CONNECTED CURRENT:	5 A
				TOTAL DEMAND LOAD:	4.99 kVA
				TOTAL DEMAND CURRENT:	6 A

PANELBOARD RA

NOTES		ACCESSORIES										RATING:	
1		1	INTERNAL SURGE PROTECTION DEVICE.										150 A - MCB
2		2	COPPER BUSSING.										VOLTAGE: 120/208, 3PH, 4W
3		3	FEED THROUGH LUGS FOR SECTION 2.										SCCR: Type 1 - Surface
4		4											LOCATION: ELECTRICAL 122
5		5											FED FROM: T-A

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1	FAN TEF-1, MEN 117	1-#8, 1-#8, 1-#8G IN 0.75°C		25 A	1	1.6								2
3														4
5														6
7														8
9														10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39	SPD	-		30 A	3	0.0	0.0	0.0						40
41														42
TOTAL (kVA):						1.6 kVA	0.00 kVA	0.00 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS	
Motor	1.56 kVA	125.00%	1.95 kVA	TOTAL CONNECTED LOAD:	1.56 kVA
				CONNECTED CURRENT:	4 A
				TOTAL DEMAND LOAD:	1.95 kVA
				TOTAL DEMAND CURRENT:	5 A

PANELBOARD LA

NOTES		ACCESSORIES										RATING:	
1		1	INTERNAL SURGE PROTECTION DEVICE.										100 A - MLO
2		2	COPPER BUSSING.										VOLTAGE: 480/277V, 3PH, 4W
3		3											SCCR: Type 1 - Surface
4		4											LOCATION: ELECTRICAL 122
5		5											FED FROM: MSB

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1														2
3														4
5														6
7														8
9														10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27	SPD	-		30 A	3	0.0	0.0	0.0						28
29														30
TOTAL (kVA):						0.0 kVA	0.00 kVA	0.00 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS	
				TOTAL CONNECTED LOAD:	0.00 kVA
				CONNECTED CURRENT:	0 A
				TOTAL DEMAND LOAD:	0.00 kVA
				TOTAL DEMAND CURRENT:	0 A

PANELBOARD RA

NOTES		ACCESSORIES										RATING:	
1		1	COPPER BUSSING.										150 A - MLO
2		2											VOLTAGE: 120/208, 3PH, 4W
3		3											SCCR: Type 1 - Surface
4		4											LOCATION: ELECTRICAL 122
5		5											FED FROM: RA

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
43														44
45														46
47														48
49														50
51														52
53														54
55														56
57														58
59														60
61														62
63														64
65														66
67														68
69														70
71														72
TOTAL (kVA):						0.0 kVA	0.00 kVA	0.00 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS	
				TOTAL CONNECTED LOAD:	0.00 kVA
				CONNECTED CURRENT:	0 A
				TOTAL DEMAND LOAD:	0.00 kVA
				TOTAL DEMAND CURRENT:	0 A



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PANEL SCHEDULES

JACKSON COUNTY FLEET MAINT. & PUBLIC WORKS FACILITY

PRECISION Planning Inc.

planners • engineers • architects • surveyors
400 Pike Boulevard, Lawrenceville, GA 30046
770.338.8000 • www.ppi.us

DATE: 07/18/24
NO. DESCRIPTION: 24301
30% CONSTRUCTION DOCS

DATE: 07/18/24
PROJ. NUMBER: 24301
FILE NAME: E9.3
FILE NUMBER: 24301

PANELBOARD HB

NOTES		ACCESSORIES										RATING:	
1		1	INTERNAL SURGE PROTECTION DEVICE.										225 A - MLO
2		2	COPPER BUSSING.										480/277V, 3PH, 4W
3													SCCR:
4													ENCLOSURE: Type 1 - Surface
5													LOCATION: MAINTENANCE BAYS 130
													FED FROM: MSB

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1						0.0	2.1							2
3	XFMR T-B	3-#1/0, 1-#6G IN		150 A	3		0.0	2.1		3	15 A	3-#12, 1-#12G IN 0.75°C	EF-124	4
5								0.0	2.1					6
7						2.1	1.3							8
9	EF-125	3-#12, 1-#12G IN 0.75°C		15 A	3		2.1	1.3		3	15 A	3-#12, 1-#12G IN 0.75°C	EF-123 TAILPIPE EXH	10
11								2.1	1.3					12
13						1.3	1.7							14
15	EF-FLUID DISP	3-#12, 1-#12G IN 0.75°C		15 A	3		1.3	1.7		3	15 A	3-#12, 1-#12G IN 0.75°C	EUH-1 FLUID DISP	16
17								1.3	1.7					18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37						0.0								38
39	SPD	--	--	30 A	3									40
41														42
TOTAL (kVA):						8.5 kVA	8.54 kVA	8.54 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS
Motor	20.62 kVA	107.66%	22.20 kVA	TOTAL CONNECTED LOAD: 25.62 kVA CONNECTED CURRENT: 31 A TOTAL DEMAND LOAD: 27.20 kVA TOTAL DEMAND CURRENT: 33 A
HVAC - Heating	5.00 kVA	100.00%	5.00 kVA	

PANELBOARD RB

NOTES		ACCESSORIES										RATING:	
1		1	INTERNAL SURGE PROTECTION DEVICE.										250 A - MCB
2		2	COPPER BUSSING.										120/208,3PH, 4W
3													SCCR:
4													ENCLOSURE: Type 1 - Surface
5													LOCATION: MAINTENANCE BAYS 130
													FED FROM: T-B

#	DESCRIPTION	WIRING	NOTE	AMP	P	A	B	C	P	AMP	NOTE	WIRING	DESCRIPTION	#
1														2
3														4
5														6
7														8
9														10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37						0.0								38
39	SPD	--	--	30 A	3		0.0							40
41								0.0						42
TOTAL (kVA):						0.0 kVA	0.00 kVA	0.00 kVA						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	DESIGN LOAD	PANEL TOTALS
				TOTAL CONNECTED LOAD: 0.00 kVA CONNECTED CURRENT: 0 A TOTAL DEMAND LOAD: 0.00 kVA TOTAL DEMAND CURRENT: 0 A

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**JACKSON COUNTY FLEET
 MAINT. & PUBLIC WORKS
 FACILITY**
 HENDRIX DRIVE
 JEFFERSON, GA 30549

PANEL SCHEDULES

DESIGN	BCE	DRAWN	BCE	CHECKED	BCE
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DATE	NO.	DESCRIPTION
07/18/24		30% CONSTRUCTION DOCS

07/18/24	24301		
DATE	PROJ. NUMBER	FILE NAME	FILE NUMBER

E9.4

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