

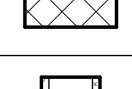
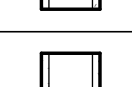
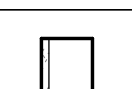
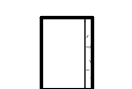
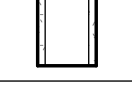
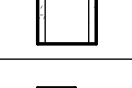
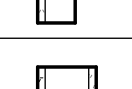
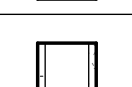
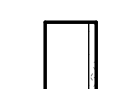
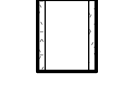
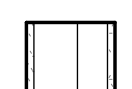
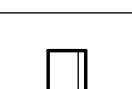




GENERAL NOTES	
1.	THESE CONTRACT DOCUMENTS (DRAWINGS AND PROJECT MANUAL/ SPECIFICATIONS) ARE TO BE CONSIDERED AS A "WHOLE" ENTITY. ANY CONTRACTOR, SUBCONTRACTOR, OR VENDOR THAT CHOOSES TO UTILIZE ONLY A "PORTION" OF THE DOCUMENTS TO BID, CONSTRUCT, OR SUPPLY MATERIAL FOR THE PROJECT SHALL ASSUME FULL RESPONSIBILITY FOR RELATED ITEMS THAT MAY BE CONTAINED ELSEWHERE IN THE DOCUMENTS. THE OWNER WILL NOT GRANT ADDITIONAL TIME OR COST FOR CONSEQUENCES THAT MAY RESULT. WHERE THERE IS A CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING. FOR BIDDING PURPOSES, USE THE MORE COSTLY OPTION.
2.	THE BUILDING DESIGN, AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS, INDICATES DESIGN INTENT WHICH INCLUDES, BUT IS NOT LIMITED TO, THESE "DRAWINGS" WITH GRAPHIC DEPICTIONS OF THE CONSTRUCTION NOTES, & DIMENSIONS; THE PROJECT MANUAL WHICH INCLUDES THE GENERAL & TECHNICAL SPECIFICATIONS; AND THE SCHEDULES (AND MAY ALSO BE REFERRED TO AS "THE SPECS" OR "THE SPECIFICATIONS"). THESE TWO DOCUMENTS ARE DEPENDENT ON EACH OTHER AND SHALL BE UTILIZED BY THE CONTRACTOR AS THE INITIAL SET OF CONSTRUCTION DOCUMENTS. ADDENDA, SUPPLEMENTARY DRAWINGS, FIELD REVISIONS, AND ALL OTHER DOCUMENTS PROVIDED DURING THE CONSTRUCTION PROCESS SHALL BE TRANSMITTED AS THEY BECOME RELEVANT. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK UNTIL HAVING A CLEAR UNDERSTANDING OF THE COMPLETE PACKAGE OF DRAWINGS AND SPECS AS LISTED IN THE PROJECT MANUAL.
3.	ALL CONSTRUCTION ACTIVATES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ("ADA") AND ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 36 CFR PARTS 1190 AND 1191, ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES; PROPOSED RULE, PUBLISHED IN THE FEDERAL REGISTER ON JULY 23, 2004, WHETHER SHOWN OR IMPLIED.
4.	ALL WORK PERFORMED UNDER THIS CONTRACT SHALL MEET ALL APPLICABLE BUILDING CODES, AND THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL WORK, MATERIALS, ACCESS, ETC. TO BE IN CONFORMANCE WITH CODE REQUIREMENTS, WHETHER SHOWN, SCHEDULE OR NOT. CONTACT THE BUILDING OFFICIALS AND FIRE DEPARTMENT FOR SCHEDULING OF ALL REQUIRED FIELD INSPECTIONS.
5.	THE GENERAL CONTRACTOR IS REQUIRED TO CAREFULLY REVIEW ALL SHOP DRAWINGS, COORDINATE DIFFERENT SUBMITTALS FROM DIFFERENT TRADES, VERIFY EACH FOR COMPLETE DIMENSIONS, DETAIL REFERENCES, AND COORDINATE WITH IN-FIELD CONDITIONS AND OTHER FACTORS THAT MAY IMPACT THE TOTAL PROJECT. THE CONTRACTOR IS REQUIRED TO "FILL-IN" AND CALCULATE MISSING SHOP DRAWING REQUESTED INFORMATION AND DIMENSIONS PER THEIR BEST UNDERSTANDING. THE ARCHITECTURAL AND CONSULTANT'S REVIEW WILL ONLY BE FOR "DESIGN INTENT" AND "VERIFICATION" OF THE SUPPLIED INFORMATION BY THE VENDOR, SUB AND GENERAL CONTRACTOR. SHOP DRAWINGS SUBMITTED BY THE GENERAL CONTRACTOR THAT INDICATE ONLY "ACKNOWLEDGMENT" OR SIMILAR LANGUAGE WILL BE REJECTED AND MARKED FOR RESUBMITTAL.
6.	CONTRACTING PARTIES SHALL APPROVE THE SUBSTRATES PREPARED FOR THEIR SYSTEM INSTALLATIONS PRIOR TO BEGINNING THE INSTALLATION OF THEIR SYSTEMS. THEY SHALL REPORT ALL DEFICIENCIES TO THE SUPERINTENDENT, THE GC, AND TO THE ARCHITECT; UPON COMMENCING WITH THE INSTALLATION OF THEIR SYSTEM OVER A SUBSTRATE PREPARED BY THEMSELVES, ANOTHER COMPANY, OR ANOTHER PERSON, (SUB)CONTRACTOR(S) SHALL, BY DEFINITION, BE DEEMED TO HAVE THOROUGHLY INSPECTED AND FORMALLY APPROVED AND ACCEPTED ALL SUBSTRATES OVER WHICH HE INSTALLS HIS SYSTEM(S). THE GC SHALL ALLOW THE NECESSARY TIME IN THE SCHEDULE FOR SUBCONTRACTORS TO INSPECT THESE SUBSTRATES.
7.	THE CONTRACTOR IS REQUIRED TO PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT TO "FULLY" CONSTRUCT THE PROJECT, WHETHER SPECIFICALLY DETAILED OR IMPLIED. IF THE CONTRACTOR, AFTER REVIEW OF THE DRAWINGS, DETERMINES ADDITIONAL INFORMATION OR CLARIFICATION IS NEEDED, CONTACT THE ARCHITECT BEFORE SUBMITTING CONSTRUCTION COST, SUBMITTING A BID, OR PROCEEDING WITH THE WORK. PROCEEDING WITH WORK WITHOUT APPROVAL IS AT RISK OF NOT BEING ACCEPTED, AND IS SUBJECT TO REPLACEMENT, TO THE SATISFACTION OF THE OWNER, AT CONTRACTOR'S EXPENSE.
8.	ALL MATERIALS PROVIDED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION AND AS PER CODE REQUIREMENTS. IF ARCHITECT'S RECOMMENDATIONS CONFLICT WITH THE MANUFACTURER'S, NOTIFY ARCHITECT BEFORE PROCEEDING.
9.	THE BUILDING LAYOUT SHALL BE BASED ON THE ARCHITECTURAL, STRUCTURAL, AND ALL ENGINEERING DRAWINGS, AND COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL GRADES AND FINAL DIMENSIONS "IN THE FIELD" AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
10.	DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
11.	THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY DURING CONSTRUCTION. ALL WORK TO BE IN CONFORMANCE WITH OSHA AND LOCAL REQUIREMENTS.
12.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SECURITY THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. ANY AND ALL DAMAGE INCURRED THAT IS A RESULT OF THE CONTRACTOR'S FAILURE TO PROPERLY SECURE THE SITE, INCLUDING BUT NOT LIMITED TO, VANDALISM, BROKEN OR DAMAGED ELEMENTS, OR THEFT OF TOOLS AND MATERIALS, WILL BE REPAIRED AND / OR REPLACED AT THE SOLE COST OF THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER.
13.	CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES CONCERNING SCHEDULING AND PLACEMENT OF UTILITIES AND PROVIDED ITEMS SUCH AS SEWER LINES, TRANSFORMERS, POWER POLES, FIRE HYDRANTS, BACK FLOW PREVENTERS, ETC. BEFORE STARTING CONSTRUCTION. COORDINATE ALL SERVICE INTERRUPTION WITH OWNER AT LEAST 3 DAYS PRIOR TO EVENT.
14.	DISPOSE OF WASTE MATERIAL IN A LEGALLY APPROVED DUMP SITE. ONCE WASTE MATERIAL LEAVES THE JOB SITE IT BECOMES THE PROPERTY OF THE CONTRACTOR. NO BURNING OF DEBRIS SHALL BE ALLOWED UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION AND OWNER. OWNER HAS FIRST RIGHT OF REFUSAL OF ANY AND ALL EXISTING MATERIAL AND EQUIPMENT.
15.	CONTRACTOR SHALL KEEP ALL ADJACENT STREETS FREE OF DEBRIS, MUD, GRAVEL, ETC. OR ANY ITEMS WHICH MAY CAUSE MOTORIST DIFFICULTIES. CONTRACTOR IS REQUIRED TO PERIODICALLY WASH ADJACENT STREET OF CONSTRUCTION DIRT AND DEBRIS.
16.	CONTRACTOR SHALL VERIFY LOCATION OF ALL EASEMENTS, SETBACKS, R.O.W. AND PROPERTY CORNERS BEFORE STARTING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS REGARDING THE USE OF THIS LAND FOR CONSTRUCTION, OPERATIONS AND GRADING. COORDINATE FURTHER WITH CIVIL DRAWING REQUIREMENTS.
17.	PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AT ALL WALKS, STEPS AND LANDINGS. THERE SHALL BE NO PONDING OF WATER.
18.	BUILDING MATERIALS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PROHIBITED ON THIS PROJECT.
19.	ITEMS REQUIRING FINISH SELECTIONS THAT DO NOT APPEAR IN THE DOCUMENTS SHALL BE SELECTED FROM MANUFACTURER'S PREMIUM COLOR SELECTIONS AND WILL BE SELECTED BY THE ARCHITECT OR OWNER AT A LATER DATE.
20.	ALL NEW INTERIOR FIRE RATED PARTITION WALLS SHALL EXTEND TIGHT TO STRUCTURE ABOVE AND SHALL TERMINATE TIGHT AT EXTERIOR SHEATHING. NON-FIRE RATED PARTITIONS SHALL BUTT INTO FACE OF FIRE RATED PARTITION SO THAT FIRE RATING INTEGRITY IS MAINTAINED. SEAL ALL PENETRATIONS WITH APPROPRIATE RATED ASSEMBLIES TO MAINTAIN THE FIRE RATING OF THE INDIVIDUAL PARTITIONS OR WALLS.
21.	ALL PARTITIONS ON THIS PROJECT EXTEND FROM THE FLOOR OR ROOF DECK ABOVE UNLESS INDICATED OTHERWISE. PROVIDE ADDITIONAL HORIZONTAL & LATERAL BRACING TO ALL STUD WALLS PER MANUFACTURER'S SPECIFICATIONS.
22.	ALL STUD SPACING TO BE MAXIMUM 16" O.C. UNLESS OTHERWISE INDICATED. INTERIOR DIMENSIONS ARE FROM FACE TO FACE OF FINISH AND FACE TO FACE OF CMU MASONRY WALLS, U.N.O.
23.	ALL MASONRY VENEER TO BE SUPPORTED BY NON-COMBUSTIBLE MATERIALS. PROVIDE CAVITY DRAINAGE, WEEPS, ETC. AS REQUIRED.
24.	SLOPE INTERIOR FLOOR AS SHOWN ON PLANS 1/8" PER FOOT MINIMUM, 1/4" PER FOOT MAXIMUM TO ALL INDICATED SPOT FLOOR AND TRENCH DRAINS (GENERALLY FULL ROOM FLOOR SLOPE). THIS INCLUDES BUT IS NOT LIMITED TO: ALL EPOXY FLOORING AND FLOOR TILE FINISHES.
25.	THE FLOOR LEVEL ON BOTH SIDES OF ALL DOORS SHALL BE LEVEL FOR THE WIDTH OF THE DOOR, AND SHALL BE FULLY ADA AND CODE COMPLIANT.
26.	ALL DOOR FRAMES, WHICH ARE INTENDED TO HAVE A DOOR WITH A SWING GREATER THAN 90 DEGREES, SHALL BE SET BACK 1/4" FROM THE EXTERIOR WALL FACE ON THE SWING SIDE. PROVIDE STOPS OR CLOSERS AS NECESSARY.
27.	ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC. LOCATED IN RATED GYPSUM BOARD PARTITIONS SHALL BE BACKED WITH TYPE-X DRYWALL ON FIVE SIDES TO MAINTAIN RATING.
28.	ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES MINIMUM FOR SOUND ATTENUATION.
29.	ROUGH FINISHING AND "OVER" CUTS AROUND ELECTRICAL OUTLETS WILL NOT BE ACCEPTED.
30.	ALL SINKS AND LAVATORIES SHALL BE MOUNTED TO ALLOW A MINIMUM 18" CLEARANCE BETWEEN CENTERLINE OF SINK AND ADJACENT WALL AS REQUIRED, U.N.O. PROVIDE ADA PIPE PROTECTION WHERE REQUIRED.
31.	ALL WATER CLOSETS SHALL BE MOUNTED TO ALLOW 18" BETWEEN ADJACENT SIDE WALL AND CENTER LINE OF WATER CLOSET IN INDIVIDUAL TOILET ROOMS, UNLESS NOTED OTHERWISE. IN TOILET STALLS, CENTER WATER CLOSET IN STALL. ANY FLUSH VALVE, WHEN PROVIDED, IS TO BE PLACED ON OPEN OR ACCESSIBLE SIDE OF TOILET.
32.	FOR ALL WOOD STUD FRAMING, SUCH AS: WOOD TO WOOD, WOOD TO METAL, OR WOOD TO CMU, USE SCREW FASTENERS TO PREVENT TWISTING & WARPING. NAILING ELEMENTS TOGETHER IS NOT ACCEPTABLE.
33.	ALL FRAMES AND FRAMING INSTALLED IN CONTACT WITH MASONRY ELEMENTS SHALL BE COATED WITH A BITUMINOUS BARRIER.
34.	PROVIDE AND INSTALL KNOXBOX AT BUILDING ENTRANCE PER LOCAL CODE OFFICIAL DIRECTIONS AND REQUIREMENTS. MODEL OF KNOXBOX TO BE APPROVED BY LOCAL CODE OFFICIALS. KNOXBOX B.O.D. TO BE MODEL 3200 - 10 KEY CAPACITY - COLOR BLACK, U.N.O. KNOXBOX TO BE RECESSED, MOUNTED ON BUILDING. PROVIDE SMOOTH FACE BLOCK BEHIND KNOXBOX AS REQUIRED TO MATCH ADJACENT BUILDING BLOCK
35.	PROVIDE FULL AND COMPLETE TERMITE PROTECTION TREATMENT IN AND AROUND THE TOTAL BUILDING AREA AS NECESSARY. INCLUDING BUT NOT LIMITED TO: SOIL TREATMENT APPLICATIONS, WOOD TREATMENT SYSTEMS, AND BAIT-STATION MONITORING SYSTEMS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
36.	INSTALL ALL REQUIRED FLASHING & WATERPROOFING MEMBRANES AT ALL OPENINGS TO MAINTAIN WATERPROOF BARRIER.
37.	PROVIDE CONTINUOUS 1/2" EXPANSION JOINT MATERIAL AT ALL TRANSITIONS BETWEEN INTERIOR AND EXTERIOR PAVING.
38.	INSTALL ALL VENEER SYSTEMS, FLASHING & ACCESSORIES PER VENEER MANUFACTURER'S INSTRUCTIONS. PROVIDE CORNER UNITS AT EXTERIOR WALL CORNERS, OPENINGS OR AS INDICATED IN DRAWINGS. NO SETTING MORTAR SHOULD BE EXPOSED OR VISIBLE AT COMPLETION OF CONSTRUCTION. SHAPE ALL VISIBLE MORTAR JOINTS WITH CONCAVE TOOL. REMOVE ALL EXCESS MORTAR THAT COULD BLOCK DRAINAGE OF WEEPS.
39.	COLOR MATCH ALL WALL FLASHING AND SEALANT WITH ADJACENT MATERIAL FINISH, U.N.O..
40.	ALL STRUCTURAL STEEL, SUPPORT ANGLES, HOLLOW METAL DOORS AND SIMILAR EXPOSED STEEL COMPONENTS TO BE SHOP PRIMED AND FIELD PAINTED, U.N.O..
41.	SLOPE INTERIOR FLOOR AS SHOWN ON PLANS 1/8" PER FOOT MINIMUM, 1/4" PER FOOT MAXIMUM TO ALL INDICATED SPOT FLOOR AND TRENCH DRAINS. THIS APPLIES TO ALL EPOXY FLOORING AND FLOOR TILE FINISHES.
42.	GENERAL CONTRACTOR TO PROVIDE COMBINED RE-BAR / CONDUIT / PLUMBING PIPE LAYOUT SUBMITTAL FOR COORDINATION INSIDE MASONRY WALLS PRIOR TO INSTALLATION OF ANY OF THESE ITEMS.
43.	ALL PIPING IN UNCONDITIONED ATTIC SPACES SHALL BE INSULATED.
44.	PROVIDE HEAVY DUTY WEATHER RESISTANT RECEPTACLE COVERS AT ALL EXTERIOR ELECTRICAL WALL OUTLETS. PROVIDE GROUND FAULT OUTLETS AT ALL WARMING KITCHEN OUTLETS. PROVIDE ELECTRICAL RECEPTACLES ON ROOFS FOR RTU UNITS.

GENERAL NOTES	
1.	PROVIDE IMPACT RESISTANT EIFS SYSTEM UP TO 10'-0" AFF TYPICAL.
2.	SEE ENLARGED PLANS FOR SIGNAGE.
3.	COORDINATE ALL OFCL. ITEMS W/ OWNER.
4.	SEAL ALL PENETRATIONS OF CONDUIT, MECHANICAL DUCT WORK, PIPING, IN ALL SUBSTRATES, INTERIOR AND EXTERIOR WALLS, CEILINGS FLOORS.
5.	ARCHITECTURAL BUILDING FEES. LISTED AS 0'-0", COORDINATE ACTUAL W/CIVIL.
6.	SEALANT AT EXPANSION JOINT TO MATCH ADJACENT WALL COLOR.
7.	ALL DOWN SPOUTS TO CONNECT UNDERGROUND UNLESS OTHERWISE NOTED, COORDINATE W/ CIVIL AS REQUIRED.
8.	ALL EXPOSED STEEL TO BE SHOP PRIMED AND FIELD PAINTED.
9.	INSTALL NECESSARY BLOCKING BEHIND DESIGNATED LOCATION OF SIGNAGE.
10.	PROVIDE HOSE-BIBBS WITH LOCKABLE BOX, PROVIDE FREEZEPROOF TYPE FOR EXTERIOR LOCATION, SEE PLUMBING.
11.	CAULK ALL DOOR & WINDOW FRAMES AT THE JOINT BETWEEN THE FRAME & THE ADJACENT SUBSTRATE.
12.	CAULK ALL JOINTS BETWEEN FIXED WOODWORK, PLUMBING FIXTURES, & BACKSPASH TO WALL TRANSITION JOINT.
13.	COORDINATE BUILDING SITE ORIENTATION/LAYOUT WITH CIVIL.
14.	FOR CONCRETE PAVING SEE SITE/CIVIL U.N.O.
15.	SEE SITE DRAWINGS FOR ALL EXT. SLAB JOINT DETAILS.
16.	SEE STRUCTURE FOR ALL FOOTING & SLAB REQUIREMENTS.
17.	AS REQUIRED PROVIDE AND INSTALL KNOXBOX AT BUILDING ENTRANCE PER LOCAL CODE OFFICIAL DIRECTIONS AND REQUIREMENTS. MODEL OF KNOXBOX. TO BE APPROVED BY LOCAL CODE OFFICIALS. KNOXBOX TO BE MODEL 3200 - 10 KEY CAPACITY - COLOR BLACK. VERIFY INSTALLATION LOCATION W/ ARCH. RECESSED MOUNTED ON BUILDINGS - PROVIDE SMOOTH FACE BLOCK. BEHIND KNOXBOX AS REQUIRED TO MATCH ADJACENT BUILDING BLOCK.
18.	PROVIDE ROUNDED CORNER ON ALL EXPOSED CMU CORNER, INCLUDING BUT NOT LIMITED TO DOOR JAMBS AND OTHER OPENINGS.
19.	SEE A7.01 FOR RESTROOM ACCESSORIES & PLUMBING FIXTURES LEGEND. SEE PLUMBING FOR FIXTURE SPEC. SEE A0.07 FOR GRAB BAR SIZES AND MOUNTING HEIGHTS.
20.	ALL PLUMBING IN UNCONDITIONED SPACES SHALL BE INSULATED.

PARTITION TYPES		M= MASONRY G= GYP. BD.				
TYPE	SYMBOL	ASSEMBLY	WALL THICKNESS	WALL HEIGHT	FIRE RATING	REMARKS
MA		12" CMU	11-5/8"	TO STRUCTURE	NONE	
MB		4" CMU	3-5/8"	VARIES	NONE	
MC		8" CMU	7-5/8"	TO STRUCTURE	NONE	
GA		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	TO UNDERSIDE OF CEILING GRID	NONE	BRACE AS REQUIRED
GB		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	TO STRUCTURE	NONE	FILL W/ 3" SOUND BATTS - 51 STC
GC		3-5/8" STUDS W/ 5/8" GYP. ONE SIDE	4-1/4"	MIN. 6" ABOVE CEILING	NONE	GYP. ON SIDE FACING ROOM
GD		3-5/8" STUDS W/ 5/8" GYP. ONE SIDE	4-1/4"	TO STRUCTURE	NONE	FILL W/ 3" SOUND BATTS - 51 STC
GE		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	TO STRUCTURE	NONE	5/8" GYP. BD. ONE SIDE & CEMENT BOARD ONE SIDE (TILED), FILL W/ 3" SOUNDS BATTS
GF		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	TO STRUCTURE	NONE	
GG		2-1/2" STUDS W/ 5/8" GYP. ONE SIDE	2-7/8"	MIN. 6" ABOVE CEILING	NONE	BRACE AS REQUIRED
GH		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	MIN. 6" ABOVE CEILING	NONE	5/8" GYP. BD. ONE SIDE & CEMENT BOARD ONE SIDE (TILED), FILL W/ 3" SOUNDS BATTS
GJ		3-5/8" STUDS W/ 5/8" GYP. BOTH SIDES	4-7/8"	MIN. 6" ABOVE CEILING	NONE	BRACE AS REQUIRED
GK		3-5/8" STUDS W/ 5/8" GYP. ONE SIDE	4-1/4"	TO STRUCTURE	NONE	
GL		3-5/8" STUDS W/ 5/8" TYPE X GYP. BOTH SIDES	4-7/8"	TO STRUCTURE	NONE	ADD 3/4" FIRE RETARDANT PLYWOOD 8' HIGH ON FACE TOWARDS ELECT. OR MDF ROOM
TA		3-5/8" STUDS & 2-1/2" STUDS W/ 5/8" GYP. BOTH SIDES	VARIES	TO STRUCTURE	NONE	
TB		PLUMBING CHASE WALL: 2-1/2" MTL. STUDS W/ TILE BACKER BD. @ WET WALL SIDES & MTL. CROSS BRACING AS NEEDED	VARIES	MIN. 6" ABOVE CEILING	NONE	FILL W/ 3" SOUND BATTS - 51 STC

GENERAL PARTITION NOTES:

- SEE INTERIOR FINISHES LEGEND FOR ADDITIONAL FINISH INFORMATION. ALL EXPOSED PARTITION FACES SHALL BE PAINTED UNLESS OTHERWISE NOTED.
- SEE STRUCTURAL FOR DETAILS OR REQUIREMENTS OF PARTITION BRACING. PROVIDE AS REQUIRED BY STRUCTURAL AND AS REQUIRED BY COLD FORMED FRAMING DESIGN OR MINIMUM REQUIREMENTS. PROVIDE PARTITION BRACING WHERE REQUIRED BY STRUCTURAL.
- SEE STRUCTURAL FOR DESIGN OF ALL LOAD BEARING PARTITIONS. CONTRACTOR SHALL MEET ALL STRUCTURAL REQUIREMENTS OR DETAILS REGARDLESS OF CONFLICTING INFORMATION IN THIS PARTITION LEGEND OR OTHER ARCHITECTURAL DOCUMENTS.
- PARTITIONS "TO STRUCT" SHALL EXTEND TIGHT UP TO BOTTOM OF ROOF TRUSSES OR BOTTOM OF METAL DECK UNLESS OTHERWISE NOTED OR DETAILED.
- "MIN 6" ABOVE CLG" SHALL EXTEND ABOVE HIGHEST CEILING ON EITHER SIDE OF PARTITION. PARTITIONS WITH NO CEILING IN EITHER SIDE SHALL MATCH THE HEIGHT OF THE HIGHEST PERPENDICULAR PARTITION CONNECTED TO IT.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECT ANY CONFLICTS BETWEEN PARTITION LEGEND AND OTHER DOCUMENTS SUCH AS FIRE RATING, HEIGHT, OR CONSTRUCTION. PROVIDE MOST RESTRICTIVE DESIGN UNLESS INSTRUCTED OTHERWISE.
- USE CEMENT BACKER BOARD OF EQUAL THICKNESS OF G.W.B. WHERE TILE FINISH IS SPECIFIED IN FINISH LEGEND OR SHOWN IN INTERIOR ELEVATIONS AS NEEDED.
- PREPARE FACE OF CMU PARTITIONS TO RECEIVE WALL TILE INSTALLATION TO MAKE SURE IT IS FREE OF STRUCTURAL CRACKS, CLEAN, AND PLUMB. PROVIDE SKIM COAT AND GROUT AS SPECIFIED FOR INTERIOR WALL TILE INSTALLATION.
- SEE ROOM FINISH SCHEDULE FOR GYP. BD. ABUSE RESISTANCE RATING. ROOMS OTHER THAN GYMS WILL HAVE ABUSE RESISTANT GYPSUM BD. UP TO 9'-0" AFF. WITH STANDARD GYP. BD. ABOVE WHERE REQUIRED.
- ALL EXPOSED CMU CORNERS TO BE ROUNDED.

NOT FOR CONSTRUCTION

FAYETTE MULTI-USE FACILITY

PLACE STAMP HERE

PLACE STAMP HERE

GEORGIA

PREPARED FOR:
FAYETTE COUNTY

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE
BUILDING NOTES

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE
CHECKED BY NR	As indicated
SHEET NO.	

A0.02

LOSE DESIGN

SPACES FOR LIFE.

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CODE REVIEW

I. APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL PLUMBING CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL MECHANICAL CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL RESIDENTIAL CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL FUEL GAS CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE WITH GEORGIA AMENDMENTS
2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH GEORGIA SUPPLEMENTS AND AMENDMENTS
2018 NFPA 101 LIFE SAFETY CODE
2020 NATIONAL ELECTRICAL CODE WITH GEORGIA AMENDMENTS
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE WITH GEORGIA AMENDMENTS
ASSESSABLE AND USABLE BUILDINGS AND FACILITIES ICC A117.1-2017, ANSI AMERICAN NATIONAL STANDARD

II. OCCUPANCY TYPES

- ASSEMBLY GROUP A-3 (IBC 303.4) SPRINKLER

III. CONSTRUCTION TYPE

- TYPE II-B (NONCOMBUSTIBLE, UNPROTECTED, SPRINKLERED), IBC 602.2.

IV. BUILDING HEIGHT (IBC TABLE 504.3), AREA (IBC TABLE 506.2) & STORIES (IBC TABLE 504.4)

Table with 3 columns: OCCUPANCY CLASSIFICATION, MAXIMUM ALLOWED, ACTUAL PROVIDED. Row: ASSEMBLY A-3, 75 FEET, 3 STORY, +/- 48'-0" FT, 1 STORY w/ MEZZANINE

2. ALLOWED BUILDING AREAS ASSEMBLY GROUP A-3 - UNLIMITED (PER IBC TABLE 507.6)

ACTUAL BUILDING AREAS ASSEMBLY GROUP A-3 = ± 38,445 SF ACTUAL MEZZANINE = 27,200 SF ACTUAL TOTAL AREA = 45,645 SF GROSS

V. CONSTRUCTION REQUIREMENTS

- STRUCTURAL FRAME (COLUMN, GIRDER, BEAM TRUSS & SPANREL): 0 HR.
EXTERIOR BEARING WALLS: 0 HR FOR FIRE SEPARATION DISTANCE GREATER THAN 30 FT (IBC TABLE 602).
INTERIOR BEARING WALLS: 0 HR.
EXTERIOR NON-BEARING, NON-COMBUSTIBLE WALL: 0 HR FOR FIRE SEPARATION DISTANCE GREATER THAN 30 FT (IBC TABLE 602).
INTERIOR NON-BEARING WALL: 0 HR
FLOORS & FLOOR/CEILING CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOIST: 0 HR.
ROOFS & ROOF/CEILING CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOIST: 0 HR.
UNPROTECTED EXTERIOR WALL OPENING = UNLIMITED FOR BUILDING WITH FIRE SEPARATION GREATER THAN 30 FEET (IBC TABLE 705.8)
FIRE RESISTANCE FOR OPENINGS IN EXTERIOR WALLS (IBC TABLE 705.8): TYPE II-B: FIRE SEPARATION DISTANCE GREATER THAN 30 FEET, DEGREE OF OPENING PROTECTION UNPROTECTED, SPRINKLERED, ALLOWABLE AREA NOT REQUIRED

VI. LIFE SAFETY CONSIDERATIONS (SEE LIFE SAFETY PLAN)

- ALLOWED OCCUPANT LOADS = NFPA - 101 (LSC TABLE 7.3.1.2) ASSEMBLY AREAS: 15 NET, BUSINESS AREAS: 150 NET, EDUCATIONAL CLASSROOM AREA: 20 NET, EXERCISE ROOMS: 50 NET, KITCHEN, COMMERCIAL: 200 NET, LOCKER ROOMS: 50 NET, ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM: 300 NET
EXIT DOOR CLEAR OPENING WIDTHS (LSC 7.2.1.2.3, IBC TABLE 1010.1): EXIT DOOR CLEAR OPENING WIDTH (IBC 1010.1.1) = 32 INCHES MINIMUM PROVIDED AT ALL EXIT DOORS.
SWINGING EXIT DOORS WITH PANIC BAR, WIDTH = 36"
DEAD END LIMITS = 20 FT (LSC TABLE A.7.6, IBC TABLE 1020.4), NO DEAD END CORRIDORS PROVIDED
TRAVEL DISTANCE LIMITS: SPRINKLED (IBC TABLE 1017.2) A-3 = 250 FT MAX, 149' - 2" FT MAX. PROVIDED
INTERIOR FINISHES: EXIT PASSAGEWAYS - CLASS "B" (IBC TABLE 803.5, LSC A.10.2.2 NOTE(1))
ROOMS AND ENCLOSED SPACES - CLASS "C" (SEE ABOVE REFERENCE)
CORRIDOR WIDTH: MINIMUM REQUIRED CORRIDOR WIDTH = 44" (2018 IBC 1018.2) ACTUAL MINIMUM CORRIDOR WIDTH PROVIDED IN FACILITY = 61".
THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES (2286 MM) (IBC 1003.2) ALL FACILITY CEILINGS ARE A MINIMUM OF 9' - 0" A.F.F.
FIRE PROTECTION: FIRE ALARM SYSTEM IS REQUIRED (LSC 38.3.4.1).
PORTABLE FIRE EXTINGUISHERS ARE REQUIRED AND PROVIDED IN NUMEROUS LOCATIONS THROUGHOUT THE FACILITY WITH A MAXIMUM OF 75 FT. RADIUS TRAVEL DISTANCE FROM ALL BUILDING AREAS.
SPRINKLERED.

VIII. INTERIOR FINISH (LSC 12.3.3)

Table with 3 columns: LSC 10.2.2 & IBC TABLE 803.11, REQUIRED, ACTUAL (ALL SPACES). Row: WALL & CEILING, CLASS B CORRIDORS / EXITS, CLASS C ROOMS & CEILINGS, ENCLOSED SPACES, PAINTED GYP WALL, ACT OR GYP. BD.

FLOORS CLASS II MIN. IN EXIT ENCLOSURE SEALED CONC., EPOXY

FLOORING NO REQUIREMENT IN OTHER SPACES

IX. ROOF COVERINGS

- CLASS C MIN. FOR CONSTRUCTION TYPE II-B (IBC TABLE 1505.1) ACTUAL = THERMOPLASTIC SINGLE-PLY ROOFING TO COMPLY WITH 1507.13

ROOM OCCUPANCY LOAD

Table with 6 columns: ROOM NUMBER, ROOM NAME, OCCUPANCY TYPE, AREA, S.F. PER OCCUPANT, OCCUPANT LOAD. Includes sections for FIRST FLR LEVEL, ACCESSORY STORAGE AREAS, BUSINESS AREAS, EDUCATIONAL CLASSROOM AREA, EXERCISE ROOMS, LOCKER ROOMS, MEZZANINE, and TOTAL OCCUPANCY LOAD.



Project Information

Energy Code: 2015 IECC
Project Title: Fayette County Rec. Multiuse Facility
Location: Fayetteville, Georgia
Climate Zone: 3a
Project Type: New Construction
Vertical Glazing / Wall Area: 5%

Construction Site:

980 Redwine Rd
Fayetteville, GA 30215

Owner/Agent:

Anita Godbee
Fayette County Parks and Recreation Department
140 W. Stonehill Ave.
Fayetteville, GA 30214

Designer/Contractor:

Sean Guth
LOSE Design
2809 Foster Avenue
Nashville, TN 37210
615.242.0040
sguth@lose.design

Additional Efficiency Package(s)

Credits: 1.0 Required, 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Table with 2 columns: Building Area, Floor Area. Row 1: 1-Gymnasium, Classes, Meeting Rooms (Gymnasium) : 42514. Row 2: 2-Administrative Office (Office) : Nonresidential 3080

Envelope Assemblies

Table with 6 columns: Assembly, Gross Area or Perimeter, Cavity R-Value, Cont. R-Value, Proposed U-Factor, Budget U-Factor. Includes sections for FLOOR, NORTH, and WEST.

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(c) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 2% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Signature: Amber Smith, Project Manager
Date: 8/10/24

Project Title: Fayette County Rec. Multiuse Facility
Data filename: N:\2021\21091_Fayette-Co_GA_Multiuse_Facility\ARCH\Comcheck\Fayette_County_Rec_Multiuse_Facility.cxl
Report date: 08/29/24
Page 2 of 10

NOTE: The COMCheck provided is for structural only; lighting and mechanical are required and designed per the selection of 2015 IECC by the architect.

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Table with 2 columns: NO, DATE, DESCRIPTION

CD PROGRESS

SHEET TITLE

CODE REVIEW, ROOM OCCUPANCY LOAD AND COMCHECK

PROJECT NO. 21091
DATE 06/21/2024
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SCALE 1/4" = 1'-0"
CHECKED BY NR
SHEET NO.

A0.04

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NO.	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE

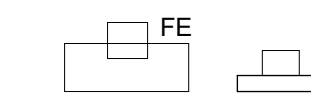
MEZZANINE LIFE SAFETY PLAN AND LEGEND

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE As indicated
CHECKED BY NR	
SHEET NO.	

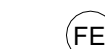
A0.04B

LIFE SAFETY LEGEND

FIRE EXTINGUISHERS



REFER TO LOCATIONS



FIRE EXTINGUISHERS WITH 75'-0" TRAVEL RADIUS



FIRE EXTINGUISHER



ROOM TRAVELING FROM MAXIMUM TRAVEL DIST.



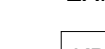
FIRE ALARM / SMOKE DETECTOR



CARBON MONOXIDE



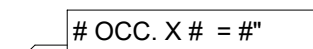
EXIT SIGN



KNOX BOX



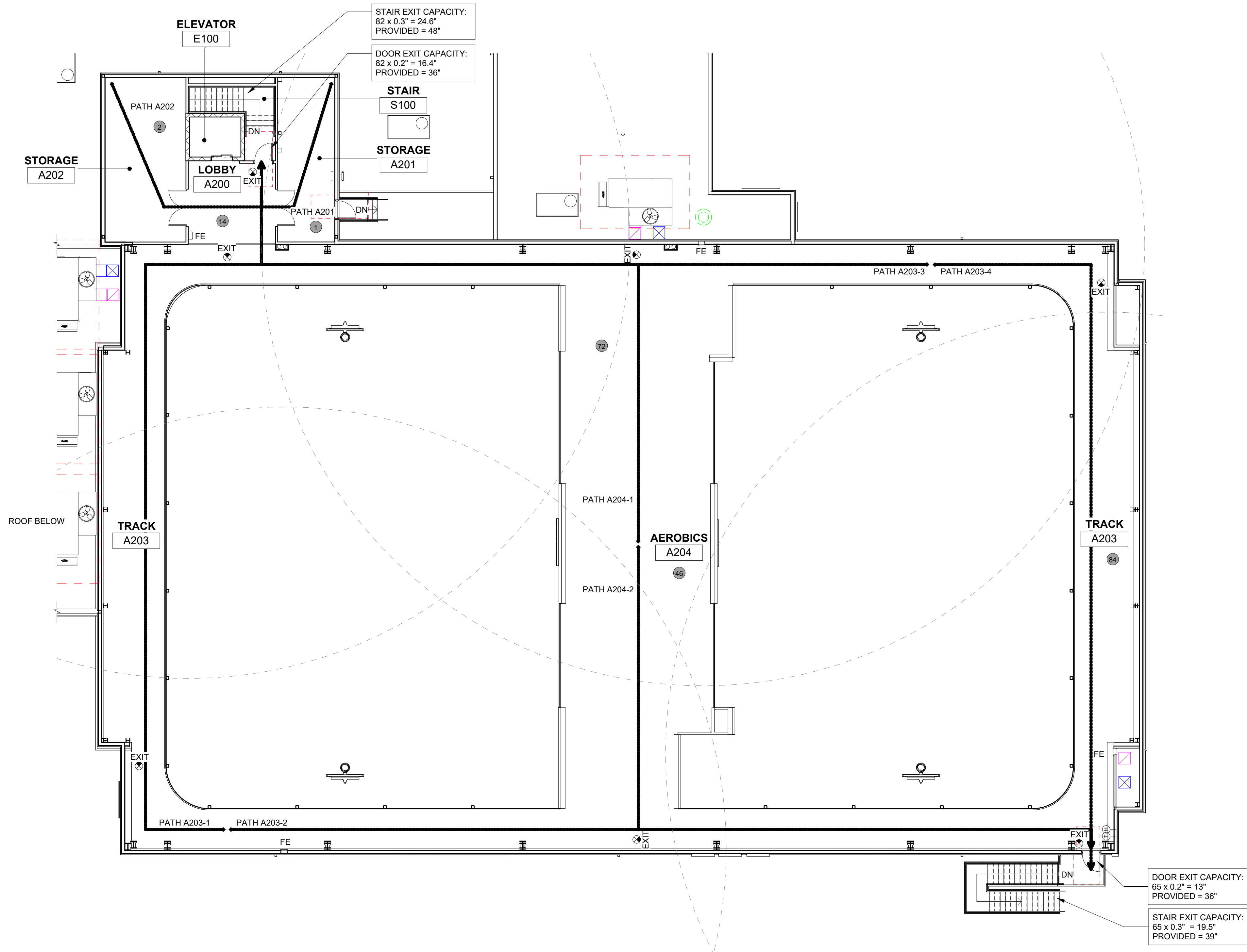
ROOM OCCUPANCY COUNT



WIDTH REQUIRED BY CODE DETERMINED BY OCCUPANT COUNT

TRAVEL DISTANCES

TRAVEL	TRAVEL DISTANCE
PATH A201	35' - 0"
PATH A202	46' - 11"
PATH A203-1	146' - 0"
PATH A203-2	149' - 2"
PATH A203-3	130' - 5"
PATH A203-4	129' - 3"
PATH A204-1	128' - 0"
PATH A204-2	128' - 0"



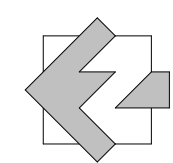
STAIR EXIT CAPACITY:
82 x 0.3" = 24.6"
PROVIDED = 48"

DOOR EXIT CAPACITY:
82 x 0.2" = 16.4"
PROVIDED = 36"

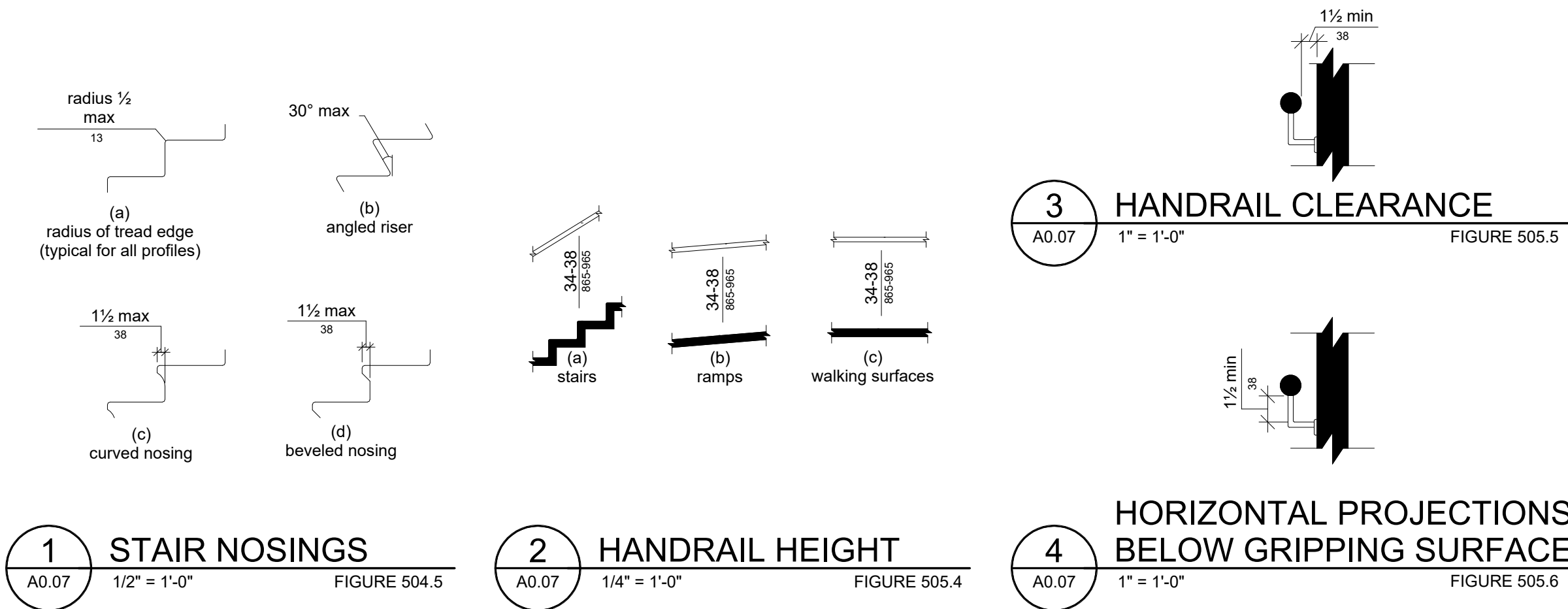
DOOR EXIT CAPACITY:
65 x 0.2" = 13"
PROVIDED = 36"

STAIR EXIT CAPACITY:
65 x 0.3" = 19.5"
PROVIDED = 39"

1 MEZZANINE LIFE SAFETY PLAN
A0.04B 3/32" = 1'-0"



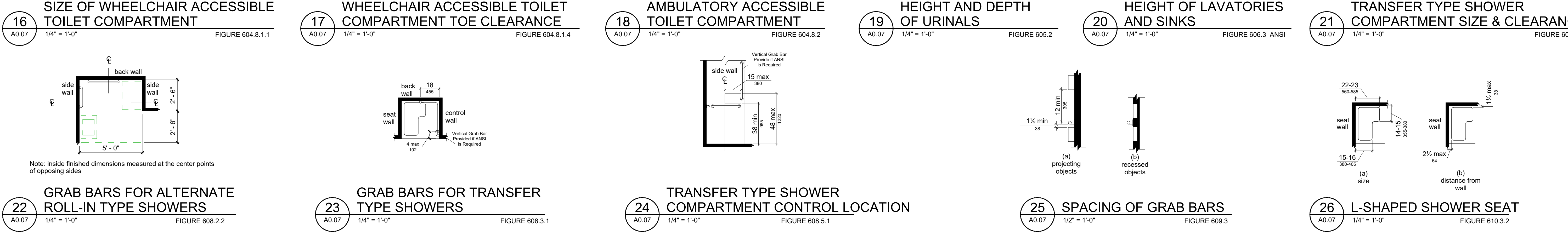
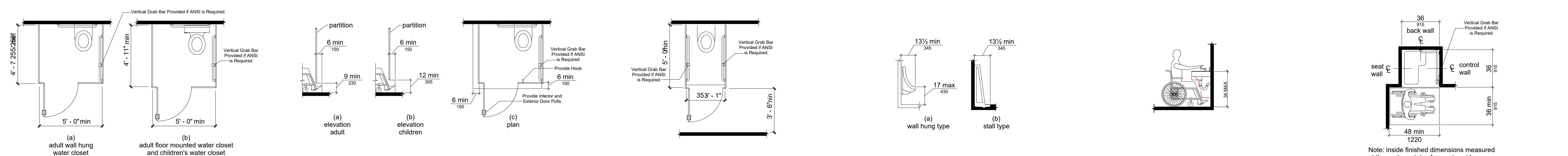
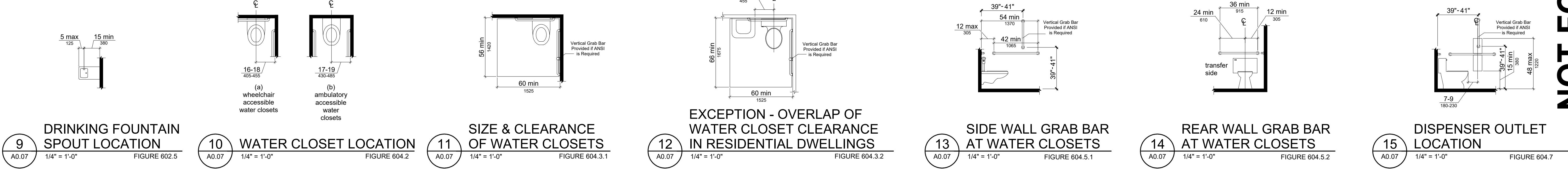
CHAPTER 5 2010 GENERAL SITE AND BUILDING ELEMENTS



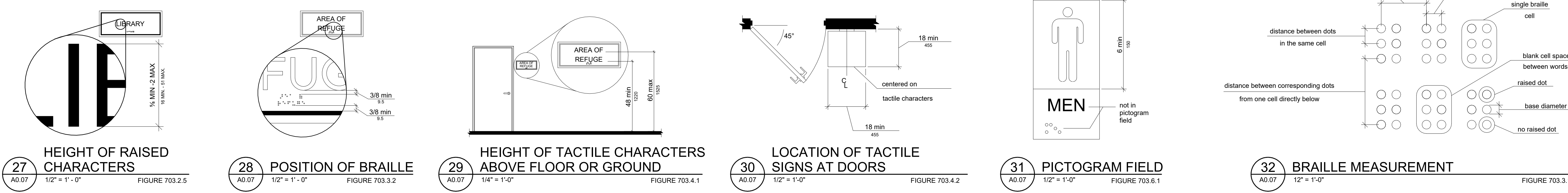
NOTES:

- ADA STANDARDS ARE PROVIDED AS REFERENCE ONLY.
- ALL BUILDING COMPONENTS MUST COMPLY WITH ALL ADA GUIDELINES.
- REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR ALL HANDRAILS, TYP.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR OTHER WALL MOUNTED ITEMS AS NEEDED, TYP.

CHAPTER 6 2010 PLUMBING ELEMENTS AND FACILITIES



CHAPTER 7 2010 COMMUNICATION ELEMENTS AND FEATURES



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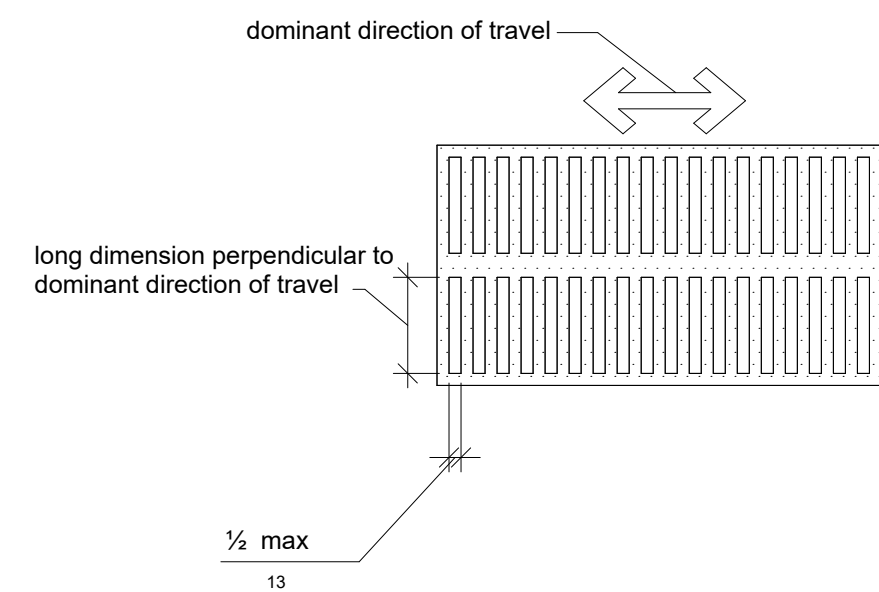
SHEET TITLE
ADA STANDARDS

PROJECT NO. 21091 DATE 06/21/2024
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SHEET NO. A0.07

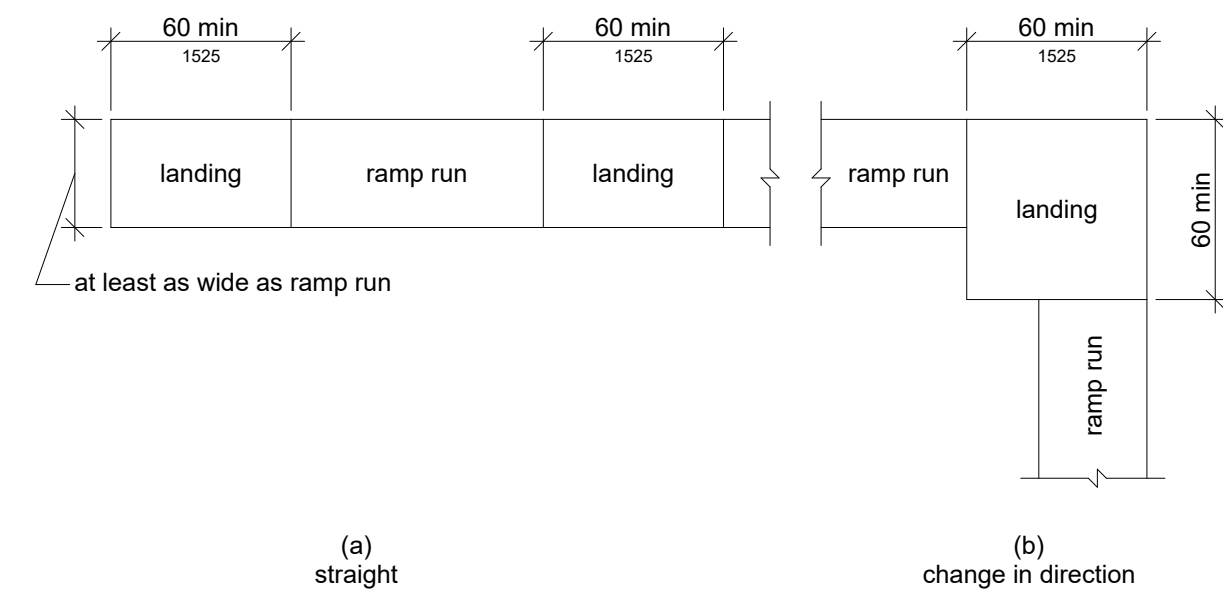
MISCELLANEOUS 2010 ADA

NOTES:

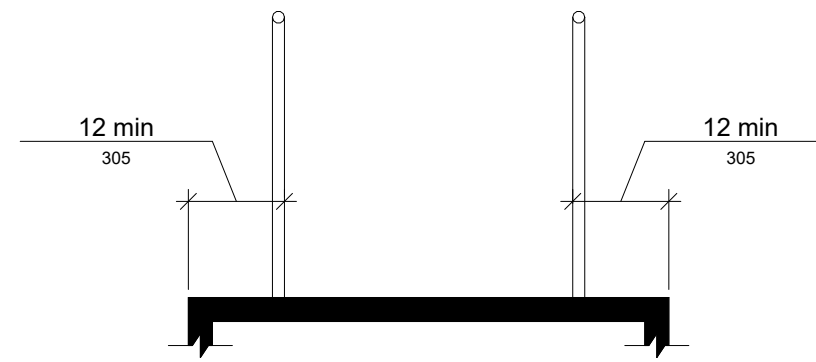
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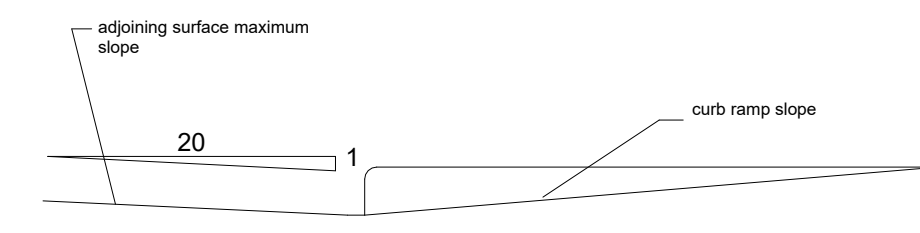
1 ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES
A0.08 1/2" = 1'-0" FIGURE 302.3 CH.3



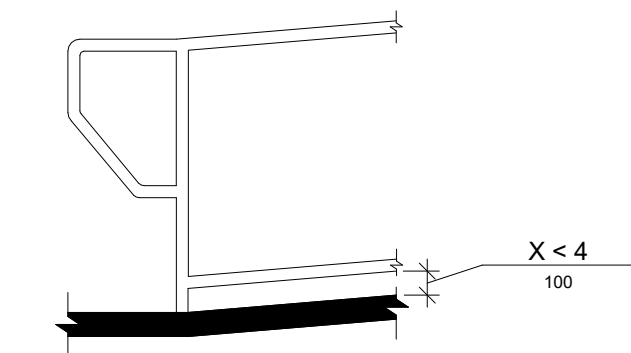
2 RAMP LANDINGS
A0.08 3/16" = 1'-0" FIGURE 405.7 CH.4



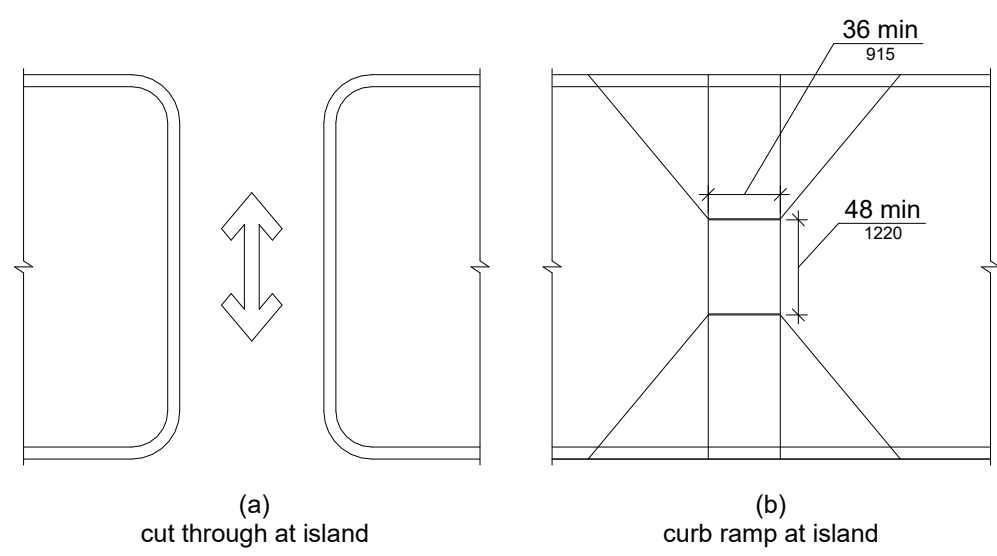
3 EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION
A0.08 1/2" = 1'-0" FIGURE 405.9.1 CH.4



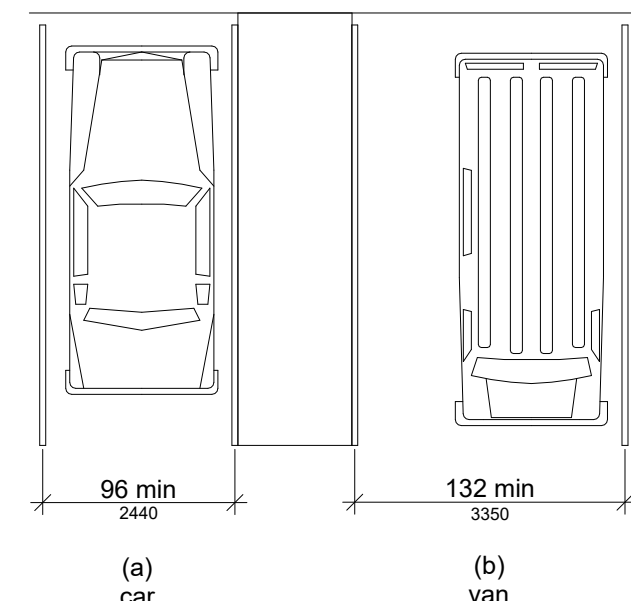
4 COUNTER SLOPE OF SURFACES ADJACENT TO CURB RAMP
A0.08 6" = 1'-0" FIGURE 405.6 CH.4



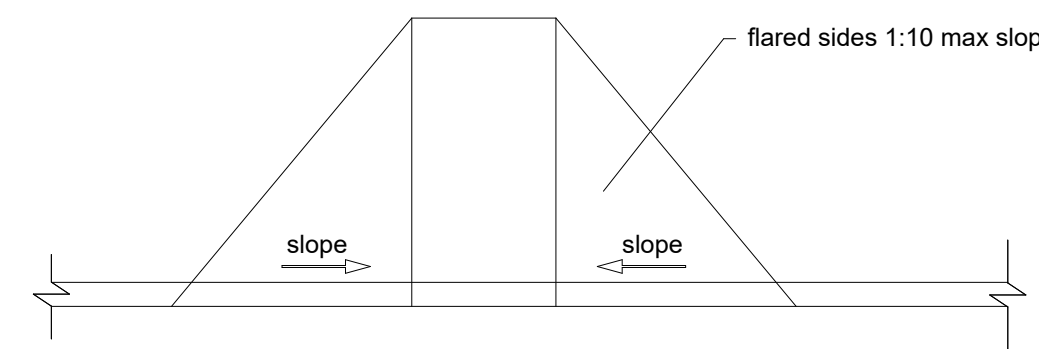
5 CURB OR BARRIER EDGE PROTECTION
A0.08 1/2" = 1'-0" FIGURE 405.9.2 CH.4



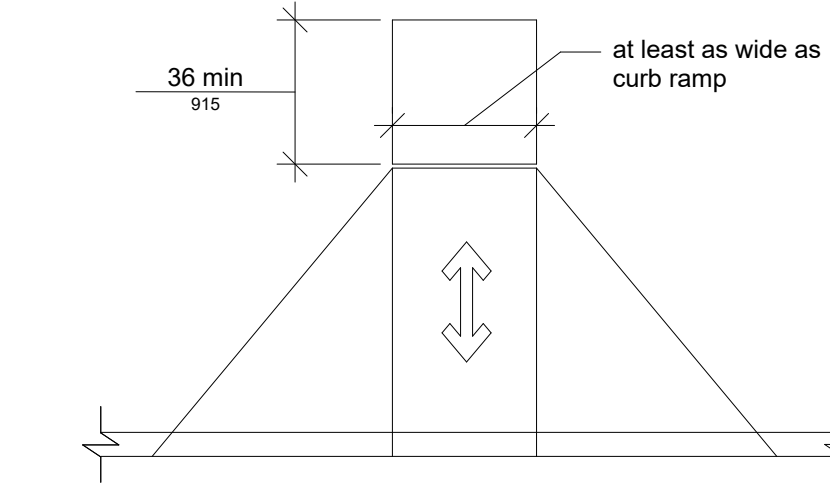
6 ISLANDS IN CROSSINGS
A0.08 1/8" = 1'-0" FIGURE 406.7 CH.4



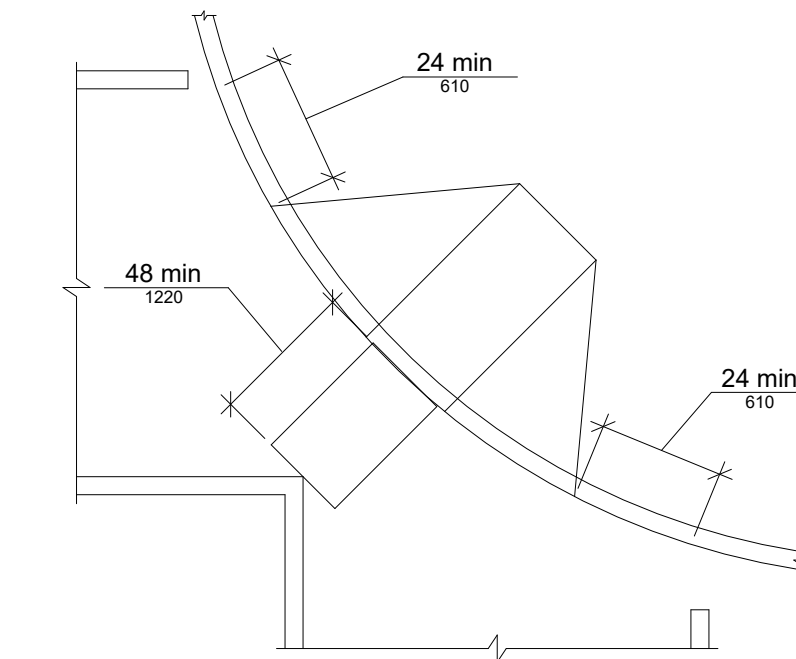
7 VEHICLE PARKING SPACES
A0.08 1/8" = 1'-0" FIGURE 502.2 CH.5



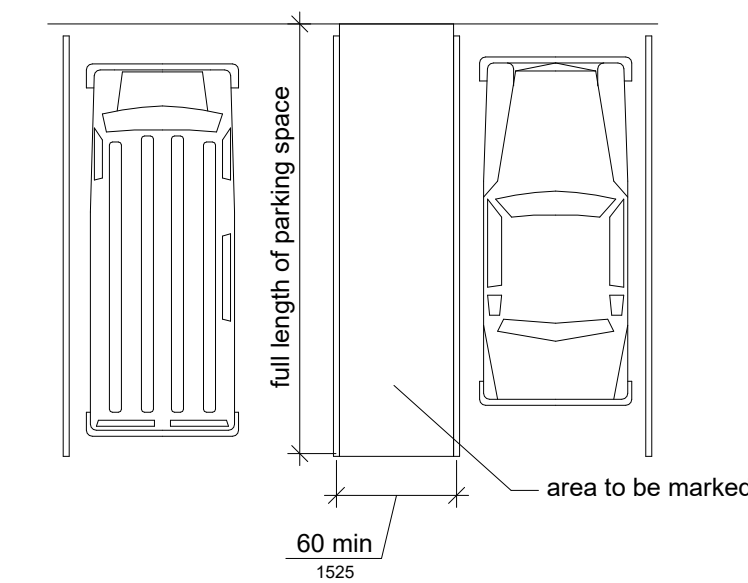
8 SIDES OF CURB RAMP
A0.08 1/4" = 1'-0" FIGURE 406.3 CH.4



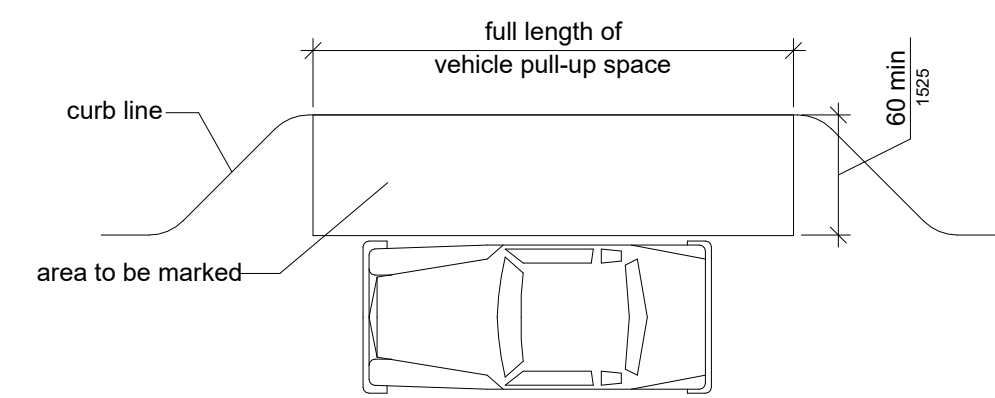
9 LANDINGS AT THE TOP OF CURB RAMP
A0.08 1/4" = 1'-0" FIGURE 406.4 CH.4



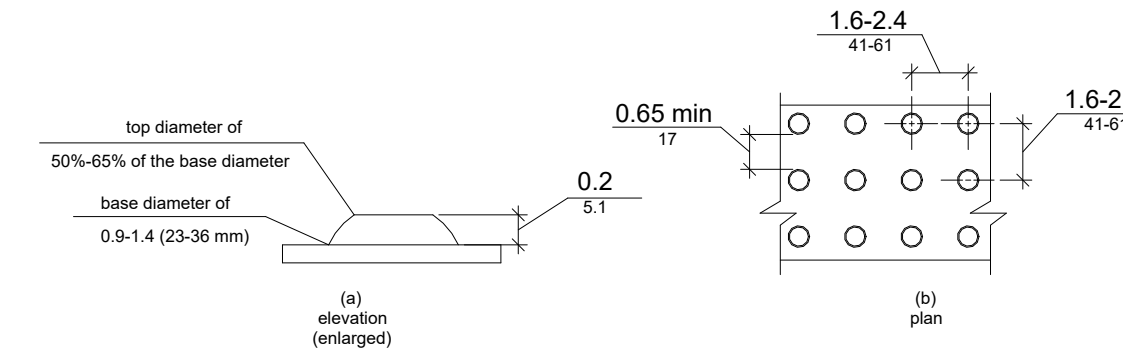
10 DIAGONAL OR CORNER TYPE CURB RAMP
A0.08 3/16" = 1'-0" FIGURE 406.6 CH.4



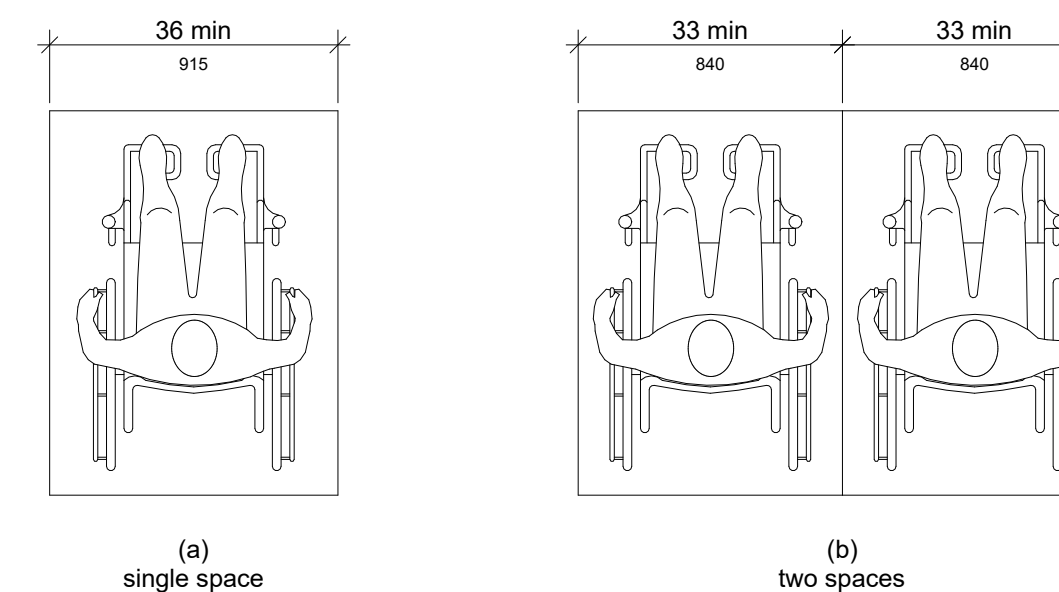
11 PARKING SPACE ACCESS AISLE
A0.08 1/8" = 1'-0" FIGURE 502.3 CH.5



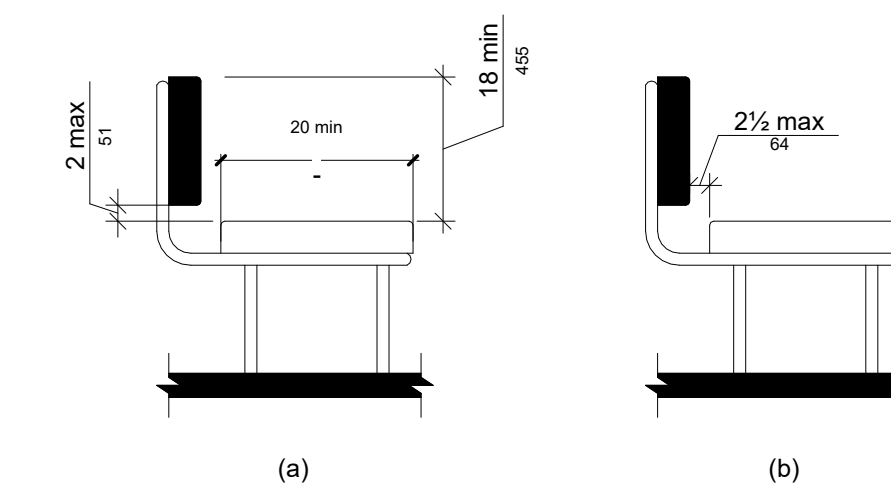
12 PASSENGER LOADING ZONE ACCESS AISLE
A0.08 1/8" = 1'-0" FIGURE 503.3 CH.5



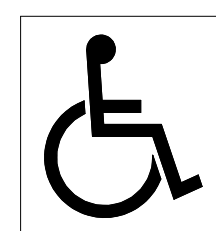
13 SIZE AND SPACING OF TRUNCATED DOMES
A0.08 1 1/2" = 1'-0" FIGURE 705.1 CH.7



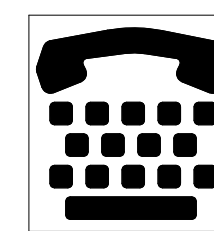
14 WIDTH OF WHEELCHAIR SPACES IN ASSEMBLY AREAS
A0.08 1/2" = 1'-0" FIGURE 802.1.2



15 BENCH BACK SUPPORT
A0.08 1/2" = 1'-0" FIGURE 903.4



16 INTERNATIONAL SYMBOL OF ACCESSIBILITY
A0.08 6" = 1'-0" FIGURE 703.7.2.1



17 INTERNATIONAL TTY SYMBOL
A0.08 6" = 1'-0" FIGURE 703.7.2.2



18 VOLUME-CONTROLLED TELEPHONE
A0.08 6" = 1'-0" FIGURE 703.7.2.3



19 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS
A0.08 6" = 1'-0" FIGURE 703.7.2.4

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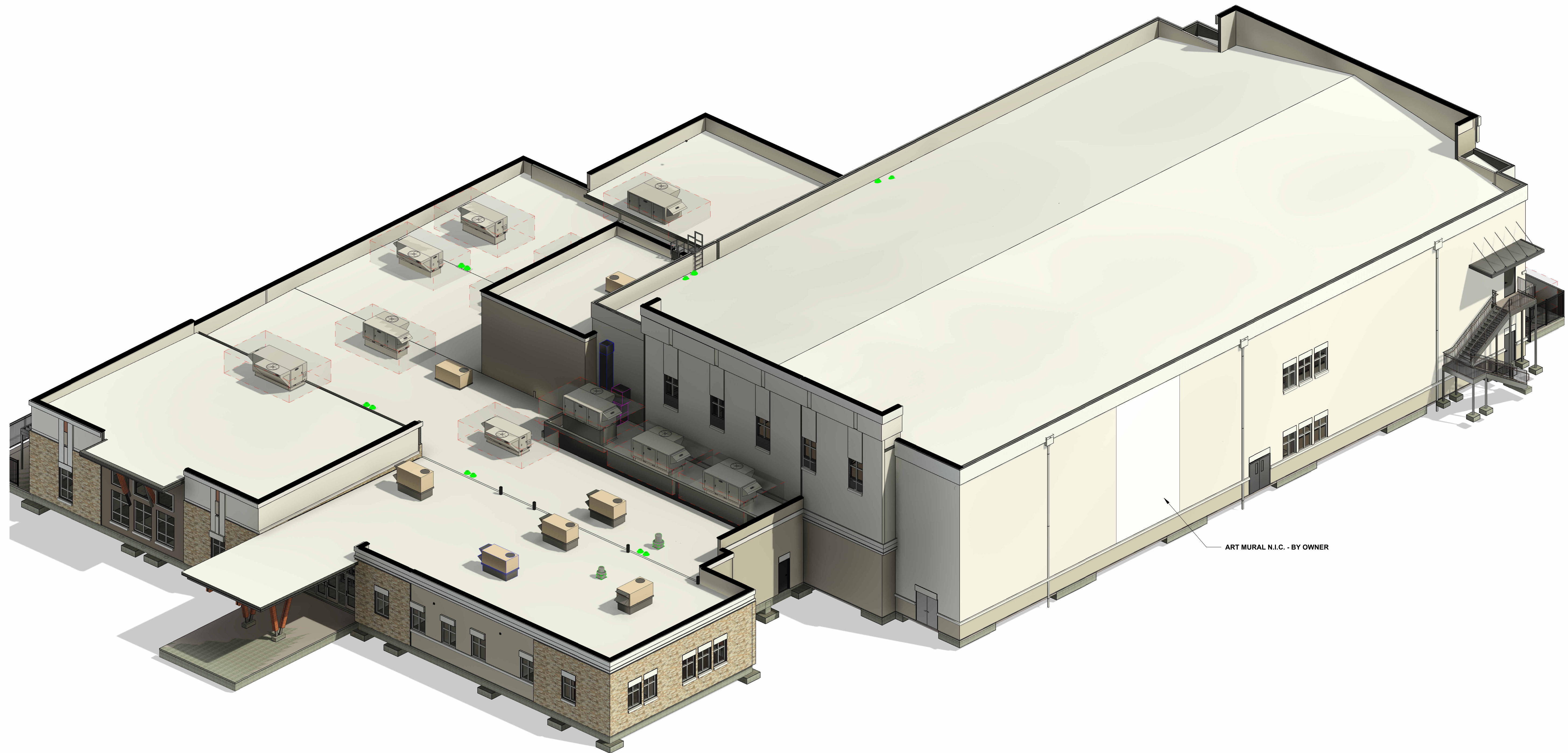
NO.	DATE	DESCRIPTION

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SHEET TITLE
ADA STANDARDS

PROJECT NO. 21091	DATE 06/21/2024
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ORTHOGRAPHIC
VIEW**

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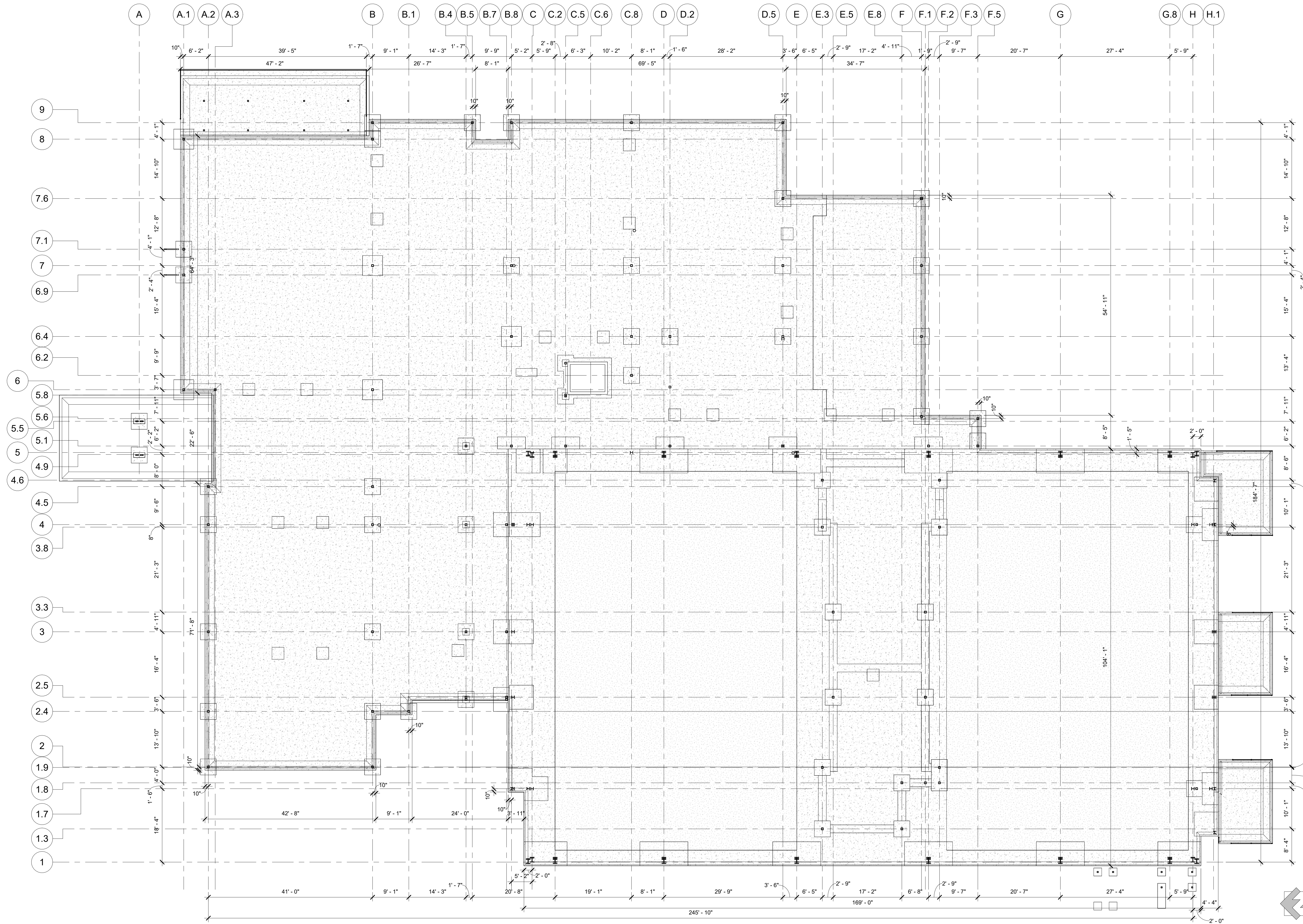
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**MULTIUSE FACILITY
EXTERIOR
PERSPECTIVES**

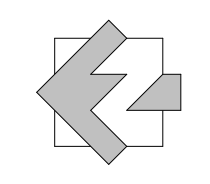
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A1.03



1 EDGE OF SLAB PLAN
A2.00 3/32" = 1'-0"



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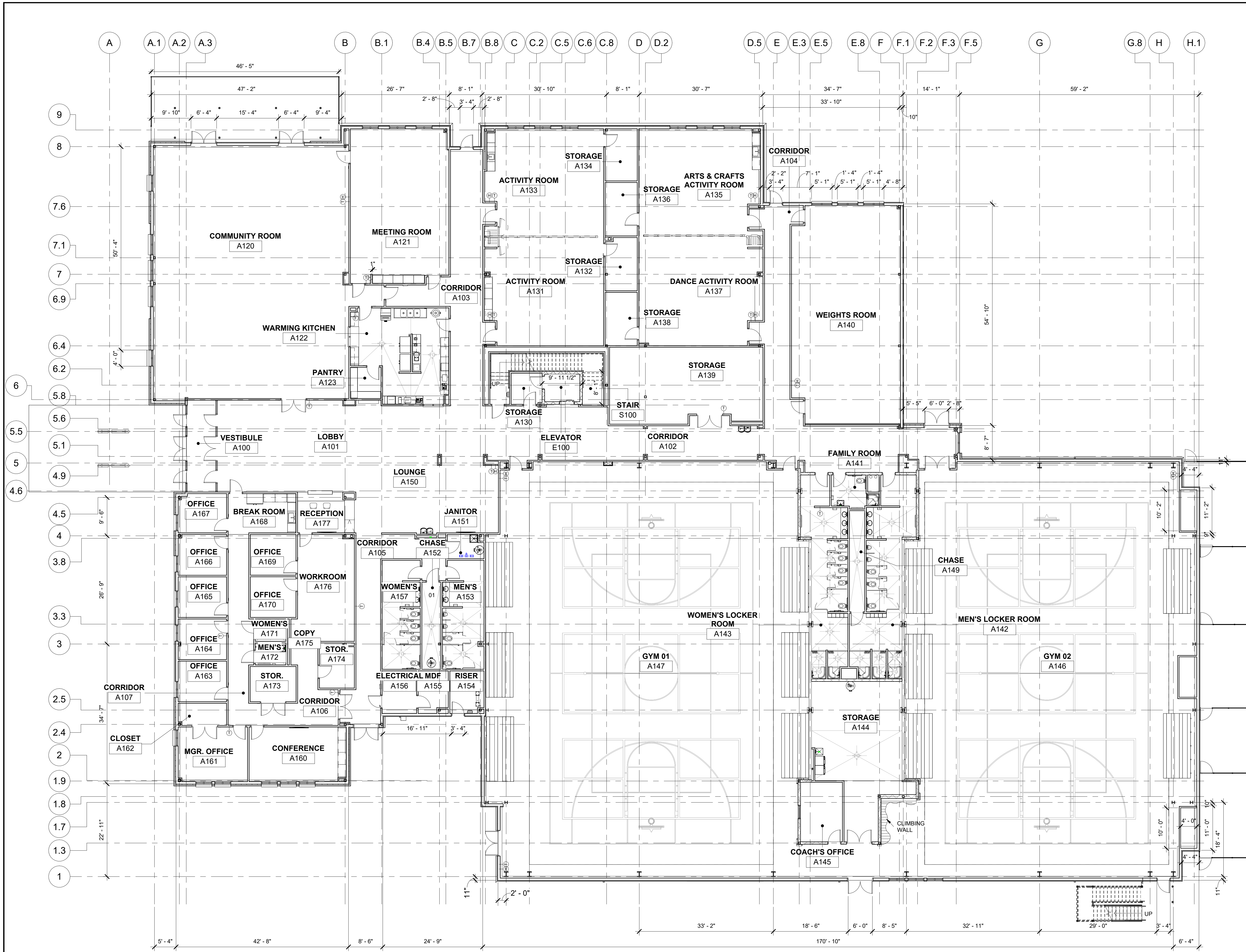
NO.	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE
EDGE OF SLAB PLAN

PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **STAFF** SCALE
 CHECKED BY **NR** 3/32" = 1'-0"
 SHEET NO.

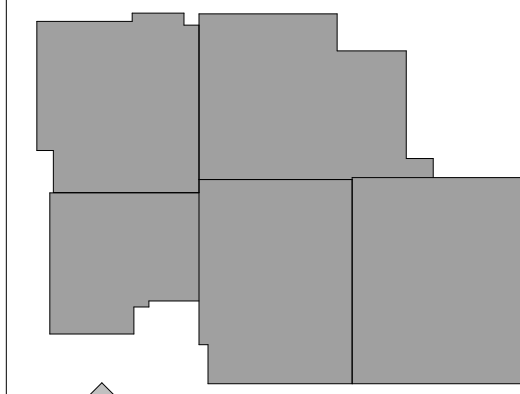
A2.00



1 FIRST FLOOR LEVEL
A2.01 3/32" = 1'-0"

NOTE:
SEE SHEET A2.09 FOR EXTENT OF ADDITIVE ALTERNATE

KEY PLAN



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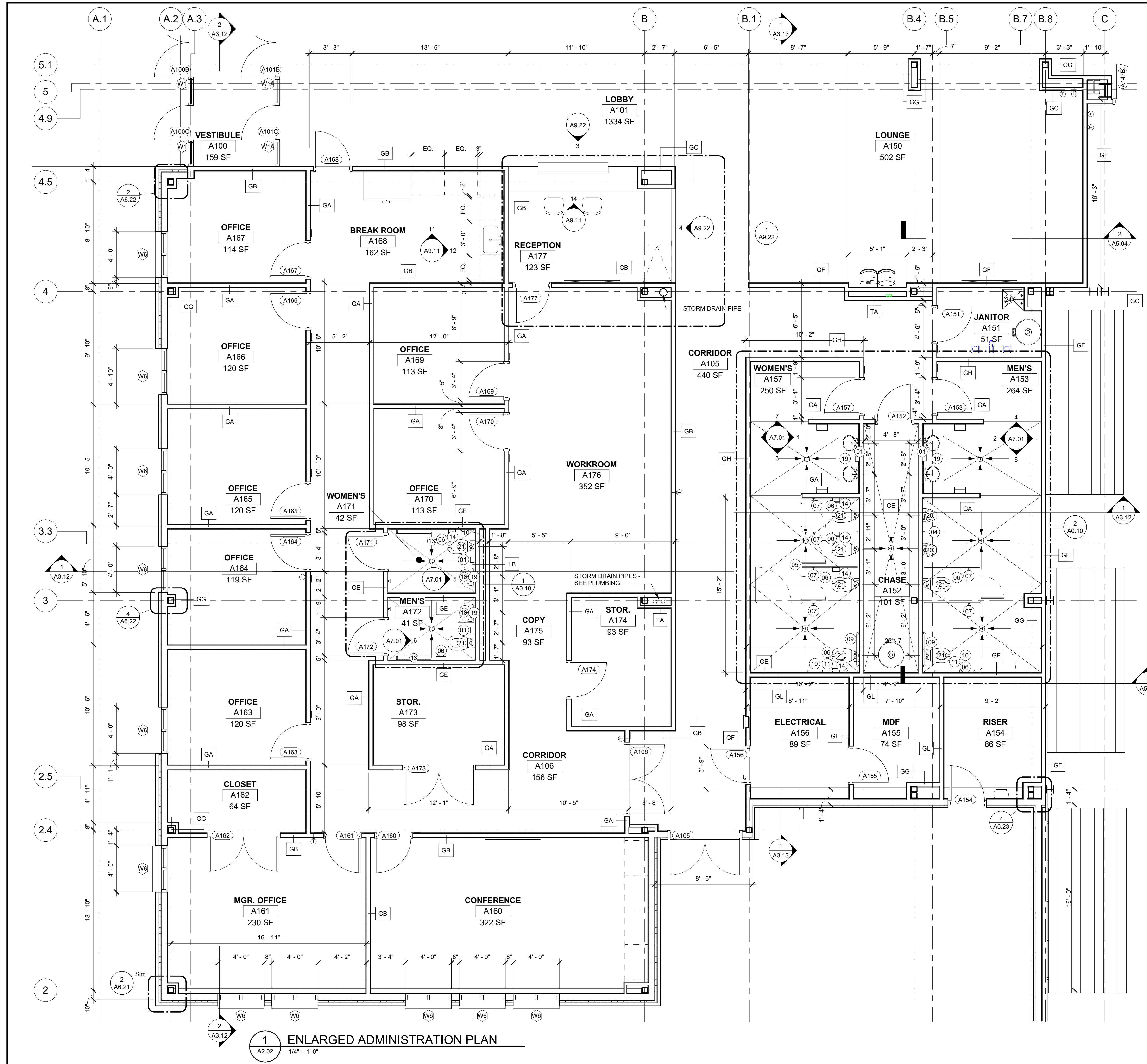
NO.	DATE	DESCRIPTION

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SHEET TITLE
OVERALL FLOOR PLAN

PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **STAFF** SCALE
CHECKED BY **NR** As indicated
SHEET NO.

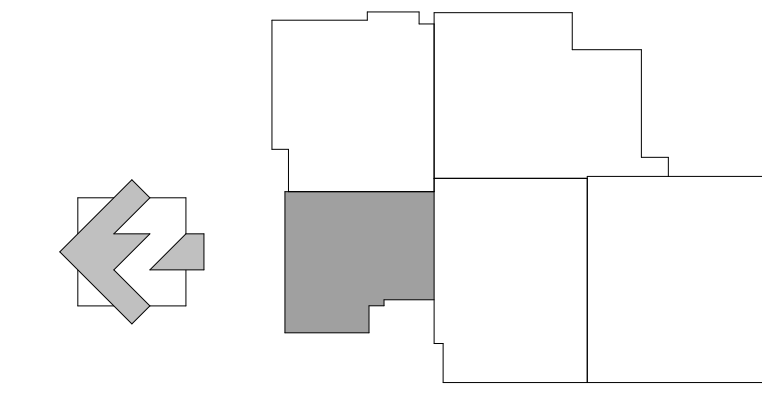
A2.01



1 ENLARGED ADMINISTRATION PLAN
A2.02 1/4" = 1'-0"

NOTE:
PROVIDE FRP PANELS AT ALL INTERIOR WALL SURFACES IN KITCHEN

KEY PLAN



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LOSE DESIGN
SPACES FOR LIFE.

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SHEET TITLE
ADMINISTRATION ENLARGED PLAN

PROJECT NO. 21091 DATE 06/21/2024
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A2.02

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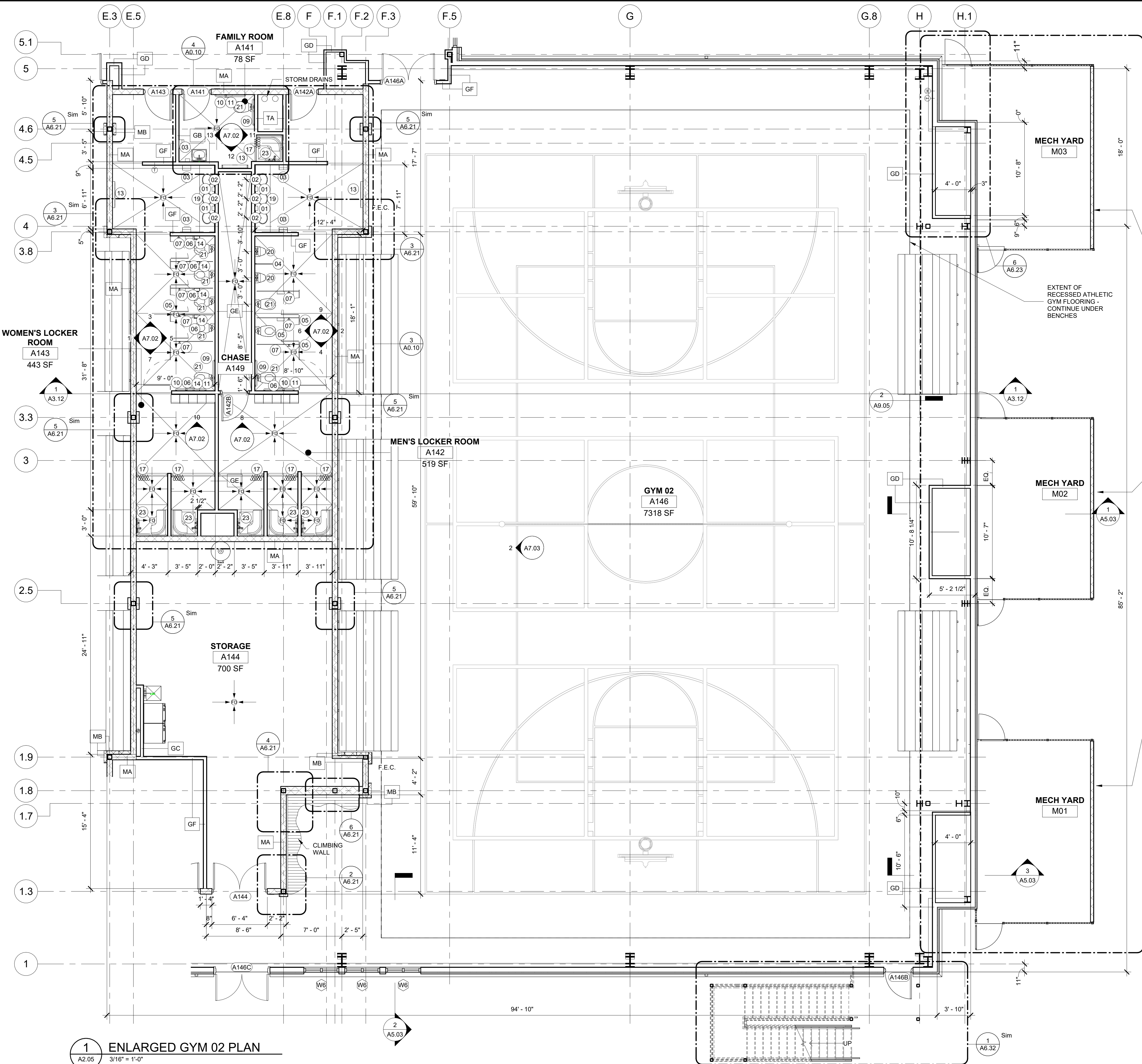
NO	DATE	DESCRIPTION

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SHEET TITLE
GYM 02 ENLARGED PLAN

PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE
CHECKED BY NR As indicated
SHEET NO.

A2.05

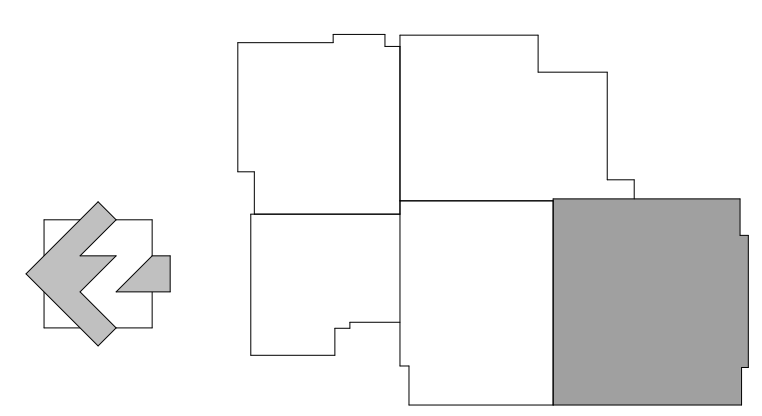


SEE MECHANICAL DRAWINGS FOR EQUIPMENT

NOTES:

- SEE SHEET A2.09 FOR ADDITIVE ALTERNATE EXTENT.
- PROVIDE COLUMN PADDING AT ALL EXPOSED GYM COLUMNS, TYP.
- FAYETTE COUNTY DOES NOT REGULATE THE INSTALLATION OF ANY EQUIPMENT, COURTS, NETS, MARKINGS, OR SPORTS-RELATED ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ITEMS MEET THE REGULATIONS OF THE SPORT BEING SERVED.
- PROVIDE ALL PLATES AND/OR SLEEVERS REQUIRED FOR THE INSTALLATION OF VOLLEYBALL OR PICKLEBALL NETS AND EQUIPMENT.

KEY PLAN



1 ENLARGED GYM 02 PLAN
A2.05 3/16" = 1'-0"

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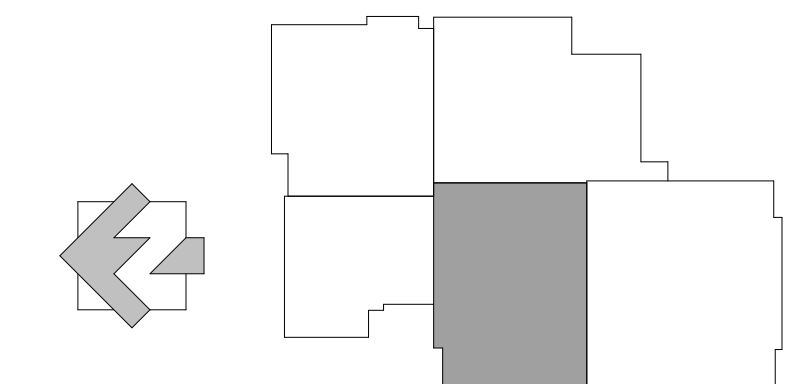
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

NO. DATE DESCRIPTION

NOTE:
PROVIDE FRP PANELS AT ALL INTERIOR WALL SURFACES IN KITCHEN.
PROVIDE COLUMN PADDING AT ALL EXPOSED GYM COLUMNS, TYP.

KEY PLAN



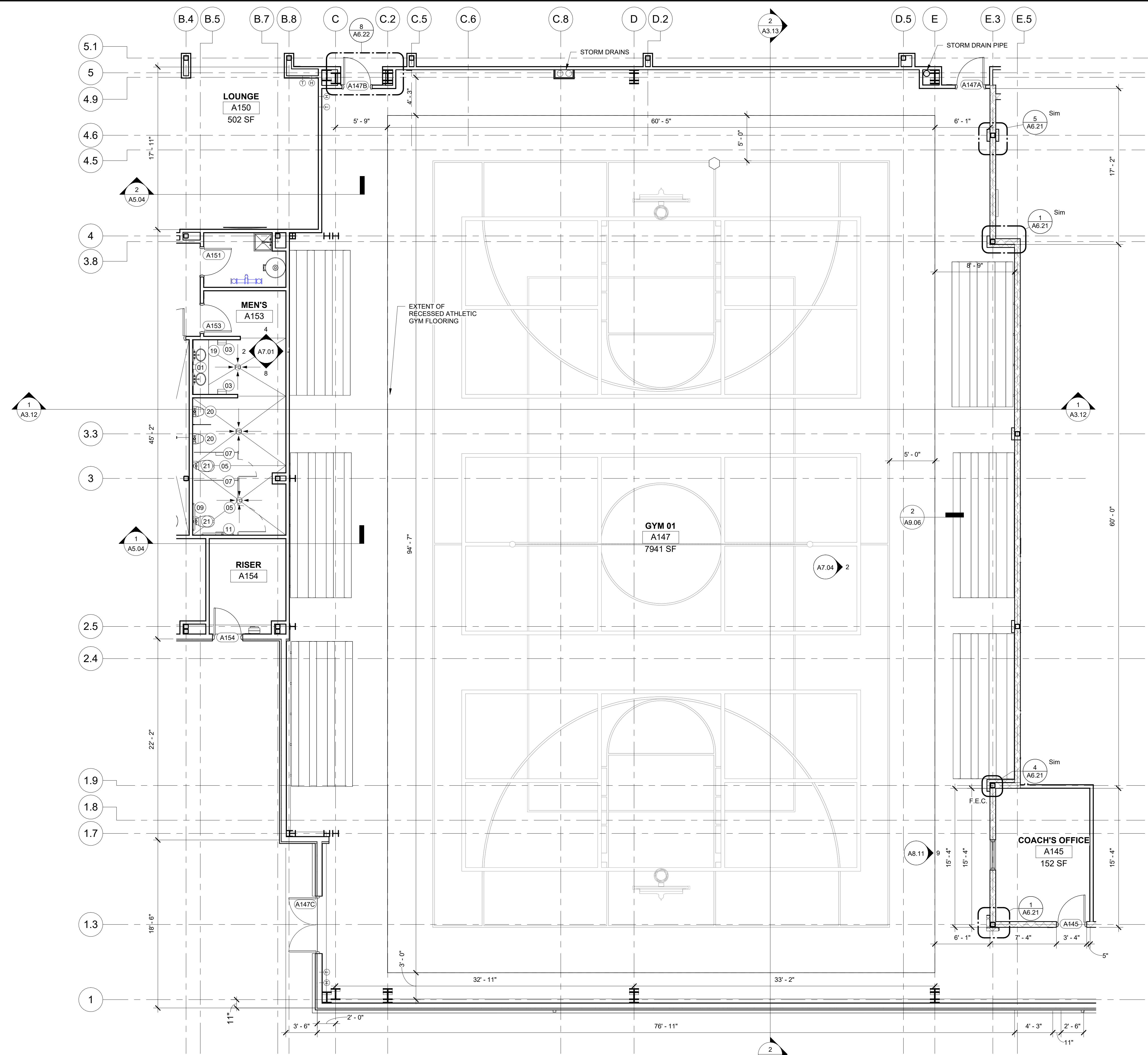
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SHEET TITLE
GYM 01 ENLARGED PLAN

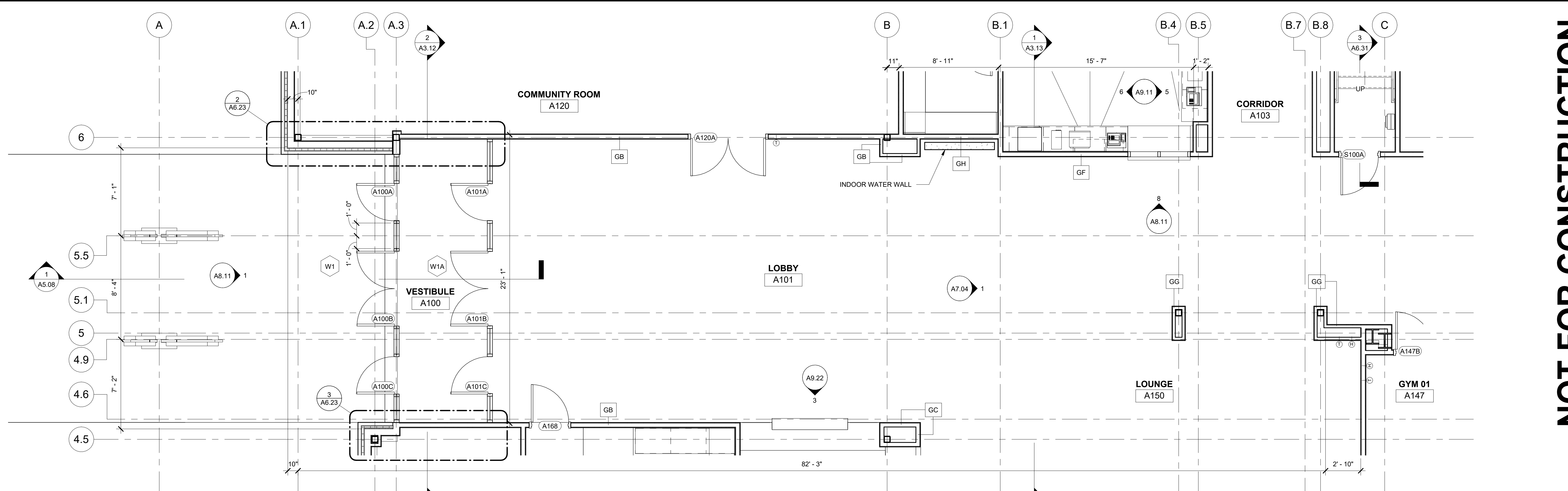
PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE
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SHEET NO.

A2.06

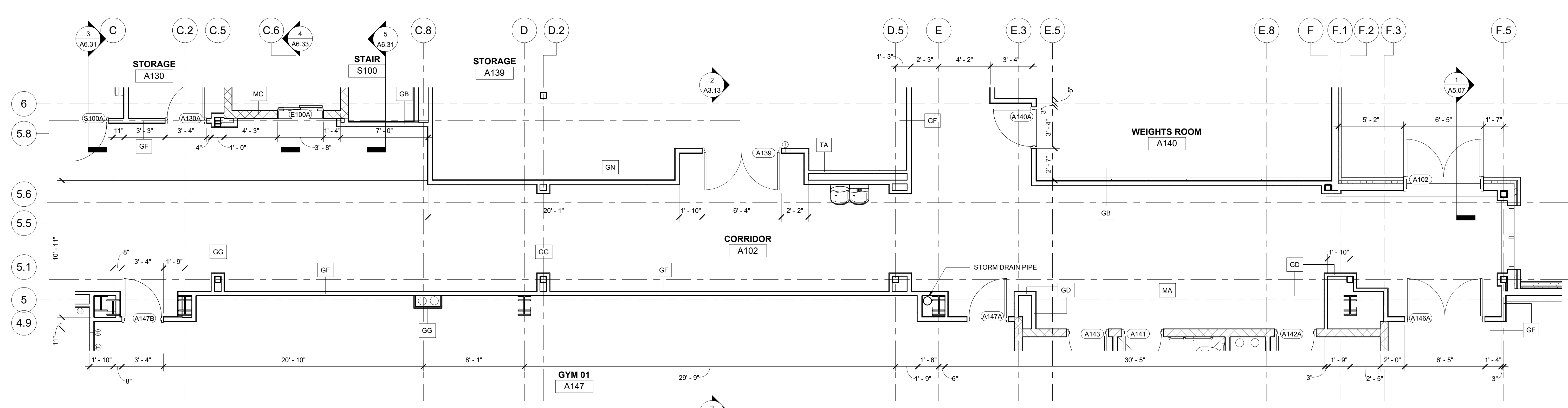
NOT FOR CONSTRUCTION



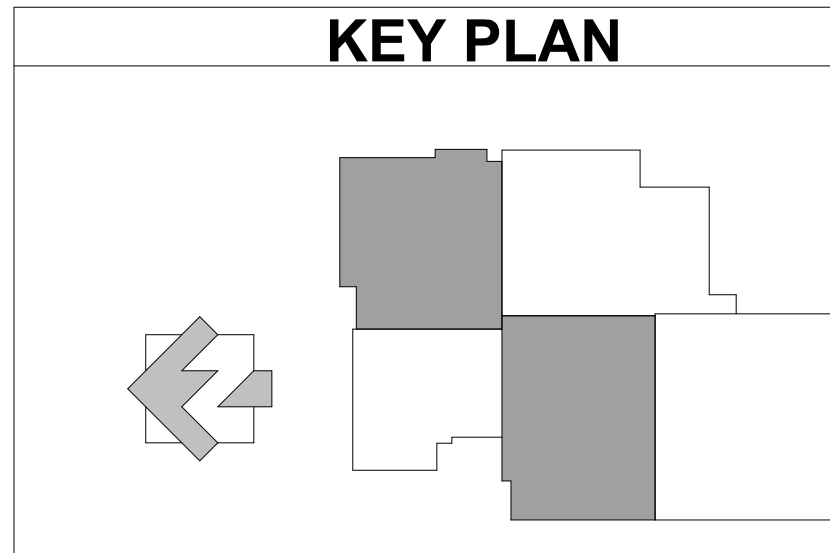
1 ENLARGED GYM 01 PLAN
A2.06 3/16" = 1'-0"



1 ENLARGED LOBBY PLAN
A2.07 1/4" = 1'-0"



2 ENLARGED CORRIDOR PLAN
A2.07 1/4" = 1'-0"



KEY PLAN

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LOSE DESIGN
SPACES FOR LIFE.

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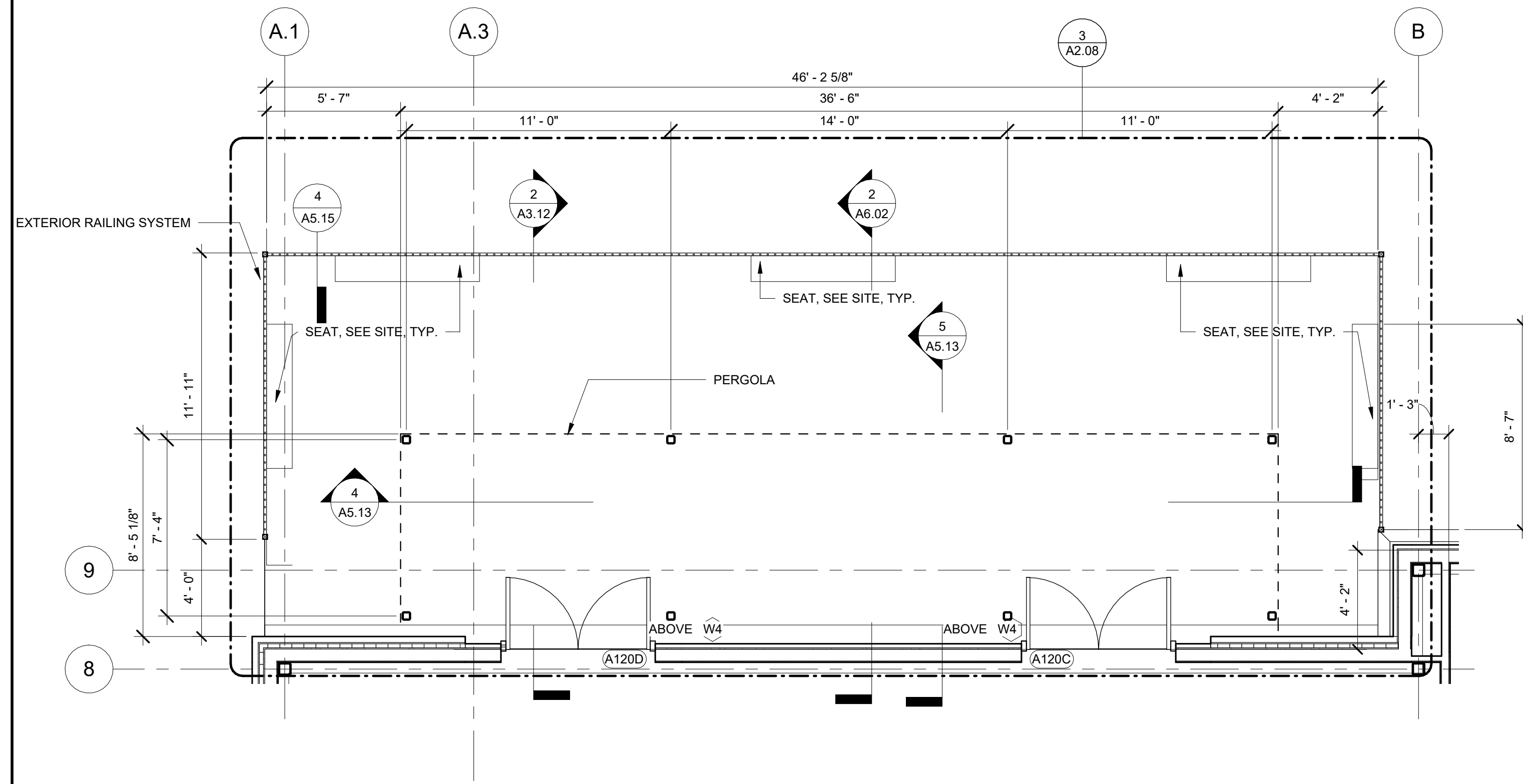
CD PROGRESS

SHEET TITLE
ENLARGED PLAN DETAILS

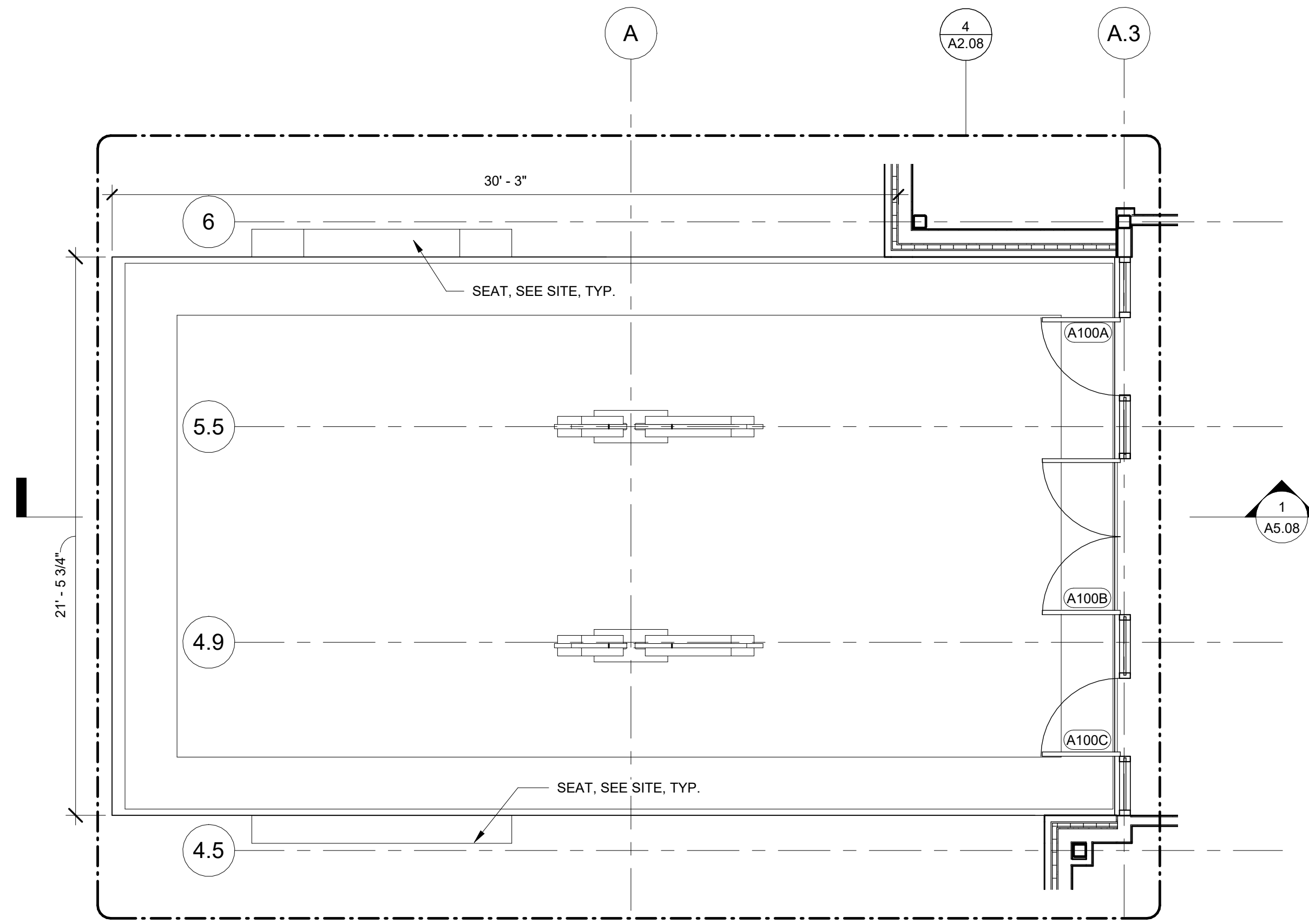
PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **STAFF** SCALE
CHECKED BY **NR** As indicated
SHEET NO.

A2.07

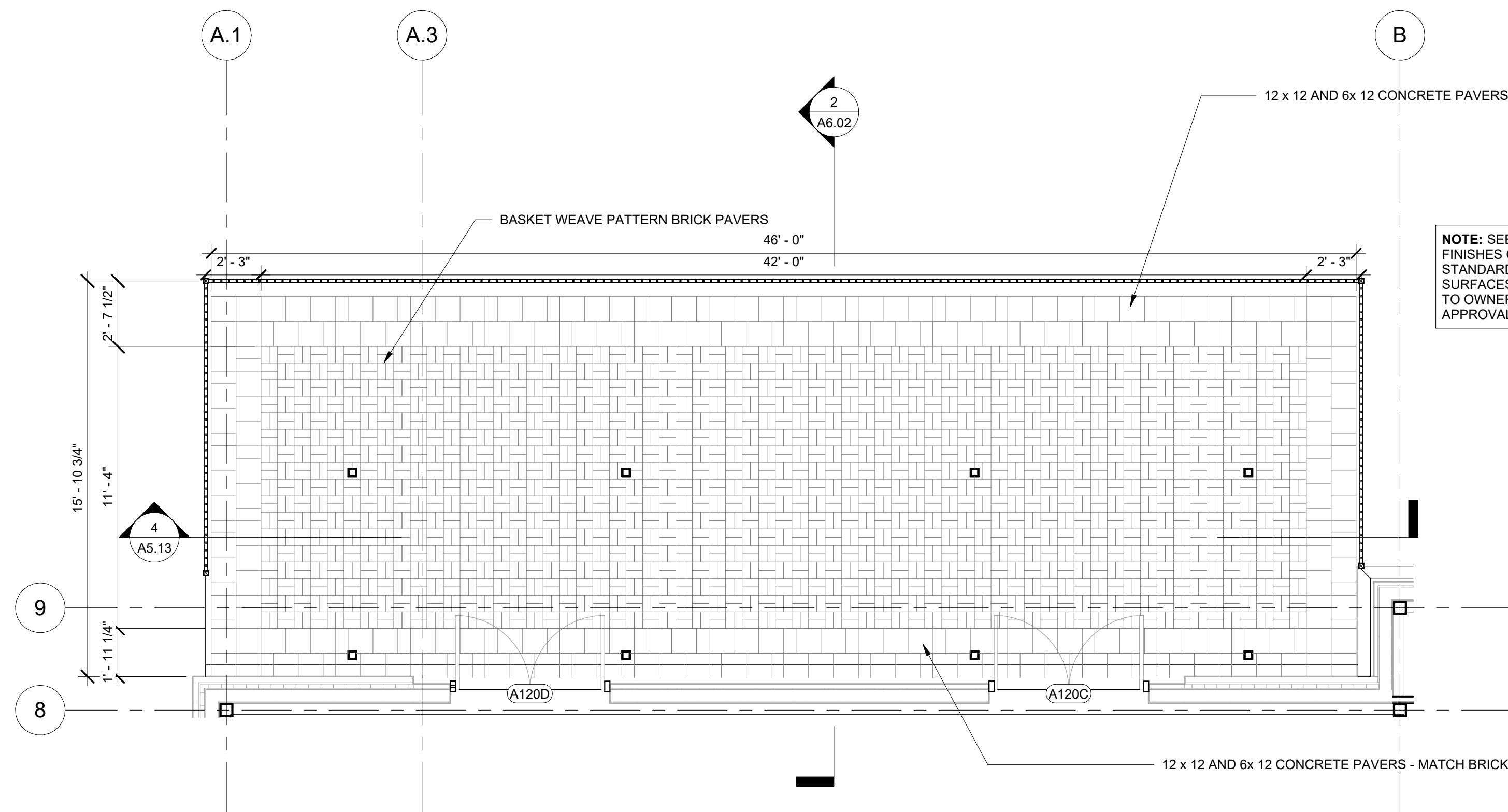
NOTE: SEE SHEET C4.02 FOR SEAT DETAILS



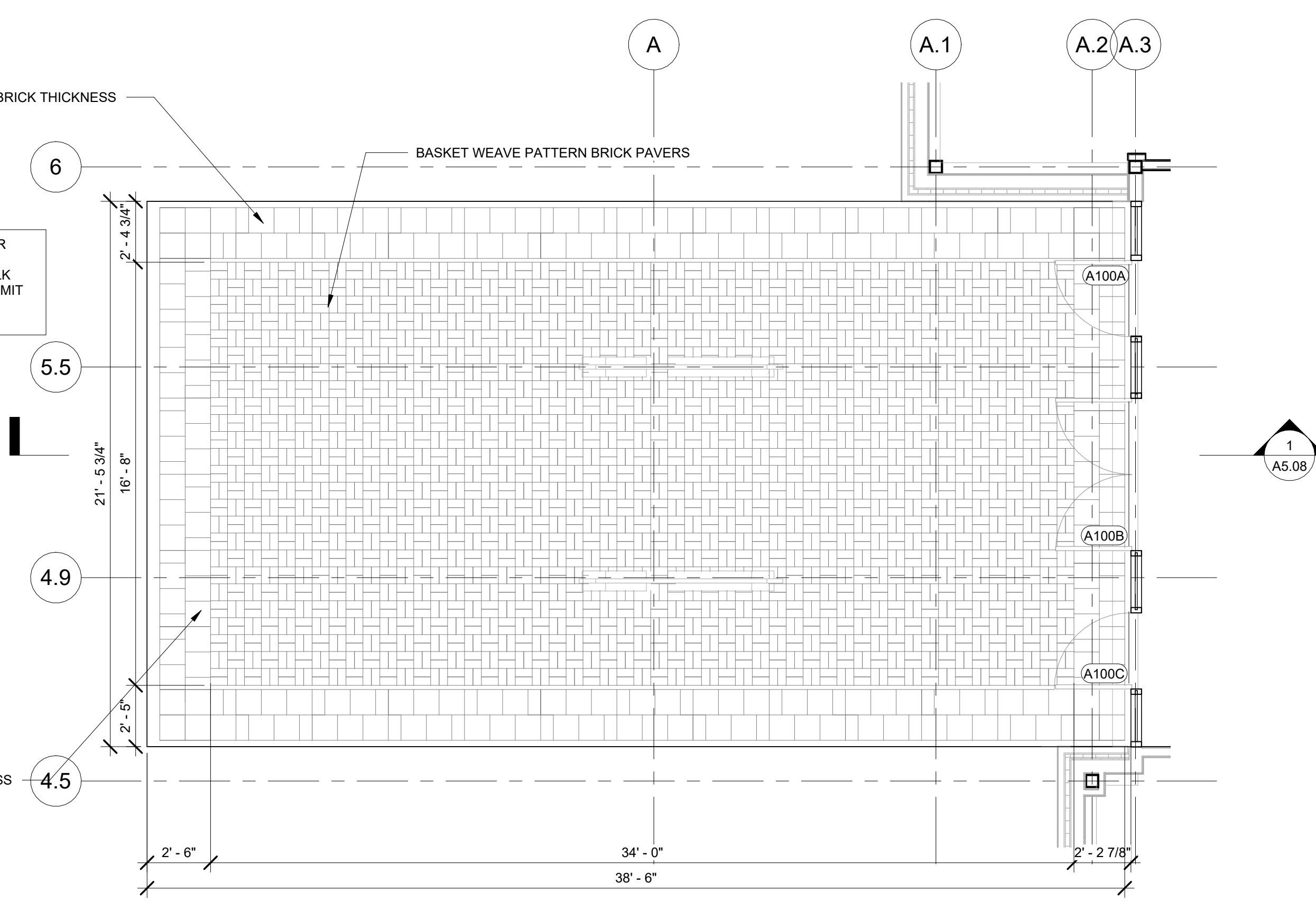
1 EAST PATIO ENLARGED PLAN
A2.08 1/4" = 1'-0"



2 ENTRANCE ENLARGED PLAN
A2.08 1/4" = 1'-0"



3 EAST PATIO PAVING PLAN
A2.08 1/4" = 1'-0"



4 ENTRANCE PAVING PLAN
A2.08 1/4" = 1'-0"

NOTE: SEE CIVIL FOR FINISHES OF ALL STANDARD SIDEWALK SURFACES AND SUBMIT TO OWNER FOR APPROVAL

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SHEET TITLE
PATIO SPACE ENLARGED PLAN

PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE 1/4" = 1'-0"
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A2.08

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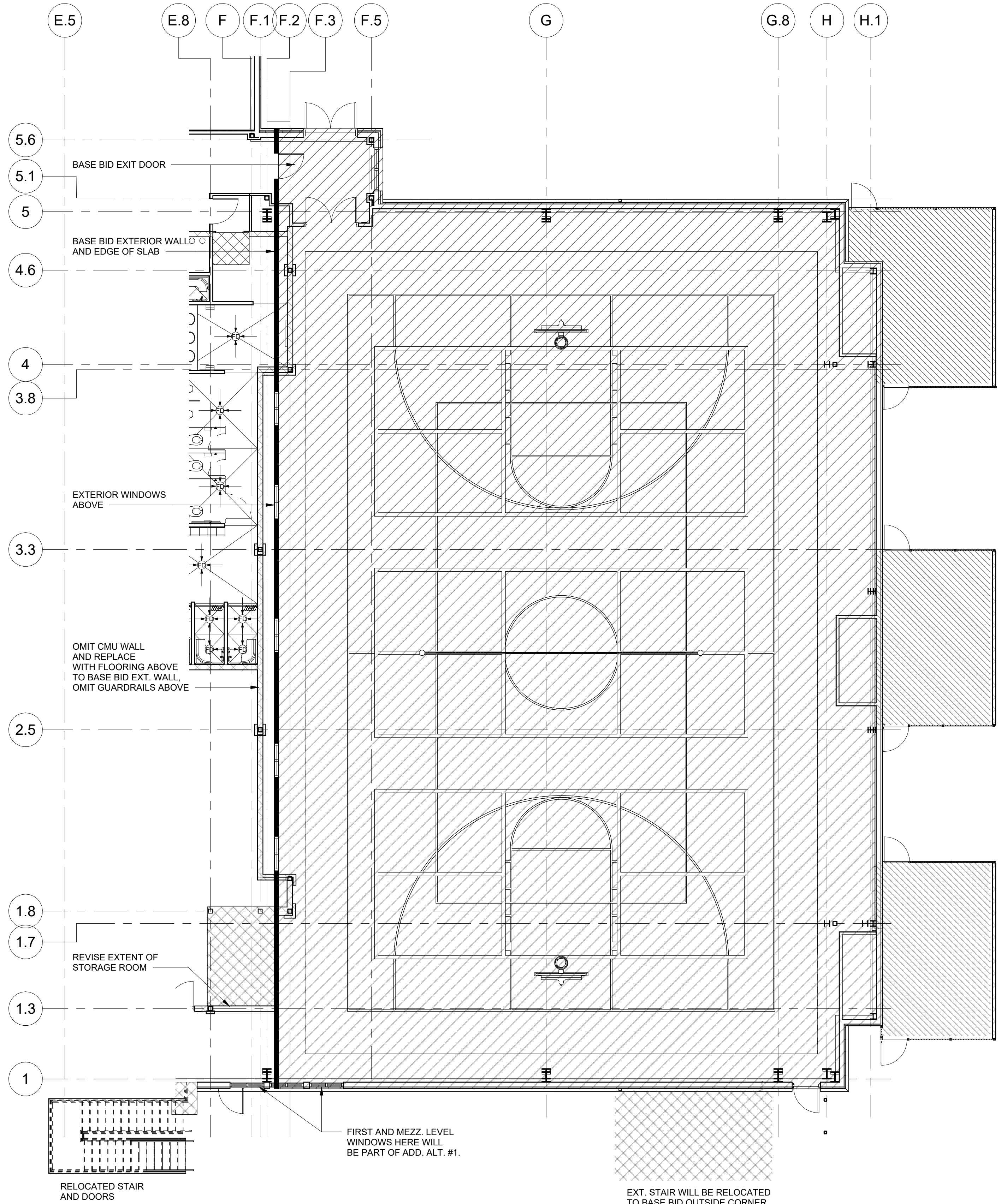
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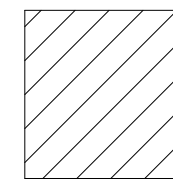

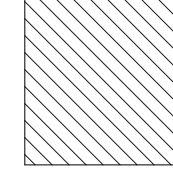
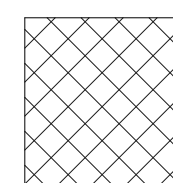
**ADDITIVE
ALTERNATE #1
EXTENT PLAN**

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE As indicated
CHECKED BY NR
SHEET NO.

A2.09

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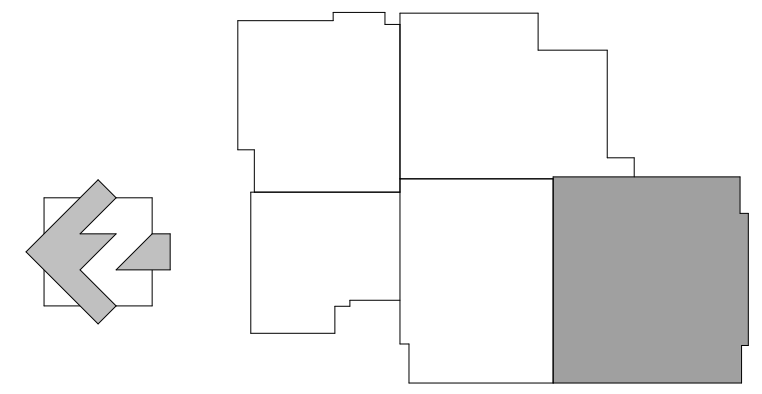


-  ADDITIVE ALTERNATE #1 SCOPE INCLUDING ROOF, SLAB AND FOUNDATION, EXTERIOR STRUCTURE AND WALLS, AND ALL INTERIOR EQUIPMENT INCLUDING BLEACHERS AND SCOREBOARD.
-  TEMPORARY EXTERIOR WALL
-  ADDITIVE ALTERNATIVE EXTERIOR YARDS
-  ADDITIVE ALTERNATE REVISIONS TO PLANNED STORAGE ROOM AND EXT. STAIRS

NOTES:

1. TYPICAL DRAWINGS INCLUDE THE COMBINED EXTENT OF BOTH THE BASE BID AND ADDITIVE ALTERNATES U.N.O.
2. EXTENT OF CONSTRUCTION INDICATED AS PART OF ADDITIVE ALTERNATE #1 SHALL BE BID AS A SEPARATE LINE ITEM FROM REMAINING BASE BID CONSTRUCTION.
3. CONTRACTOR SHALL INCLUDE IN THE CONTRACT ALL WORK NECESSARY AND REQUIRED TO PROVIDE EXTENT INDICATED AS BASE BID.
4. CONTRACTOR SHALL INCLUDE IN THE CONTRACT ADDITIVE ALTERNATE ALL WORK AND COSTS NECESSARY AND REQUIRED TO PROVIDE ADDITIONAL EXTENT NOT INCLUDED IN BASE BID.
5. CLIMBING WALL WILL ONLY BE PROVIDED AS PART OF ADD. ALT #1.

KEY PLAN



1 ADDITIVE ALTERNATE EXTENTS PLAN
A2.09 1/8" = 1'-0"

FIRST AND MEZZ. LEVEL
WINDOWS HERE WILL
BE PART OF ADD. ALT. #1.

EXT. STAIR WILL BE RELOCATED
TO BASE BID OUTSIDE CORNER

RELOCATED STAIR
AND DOORS

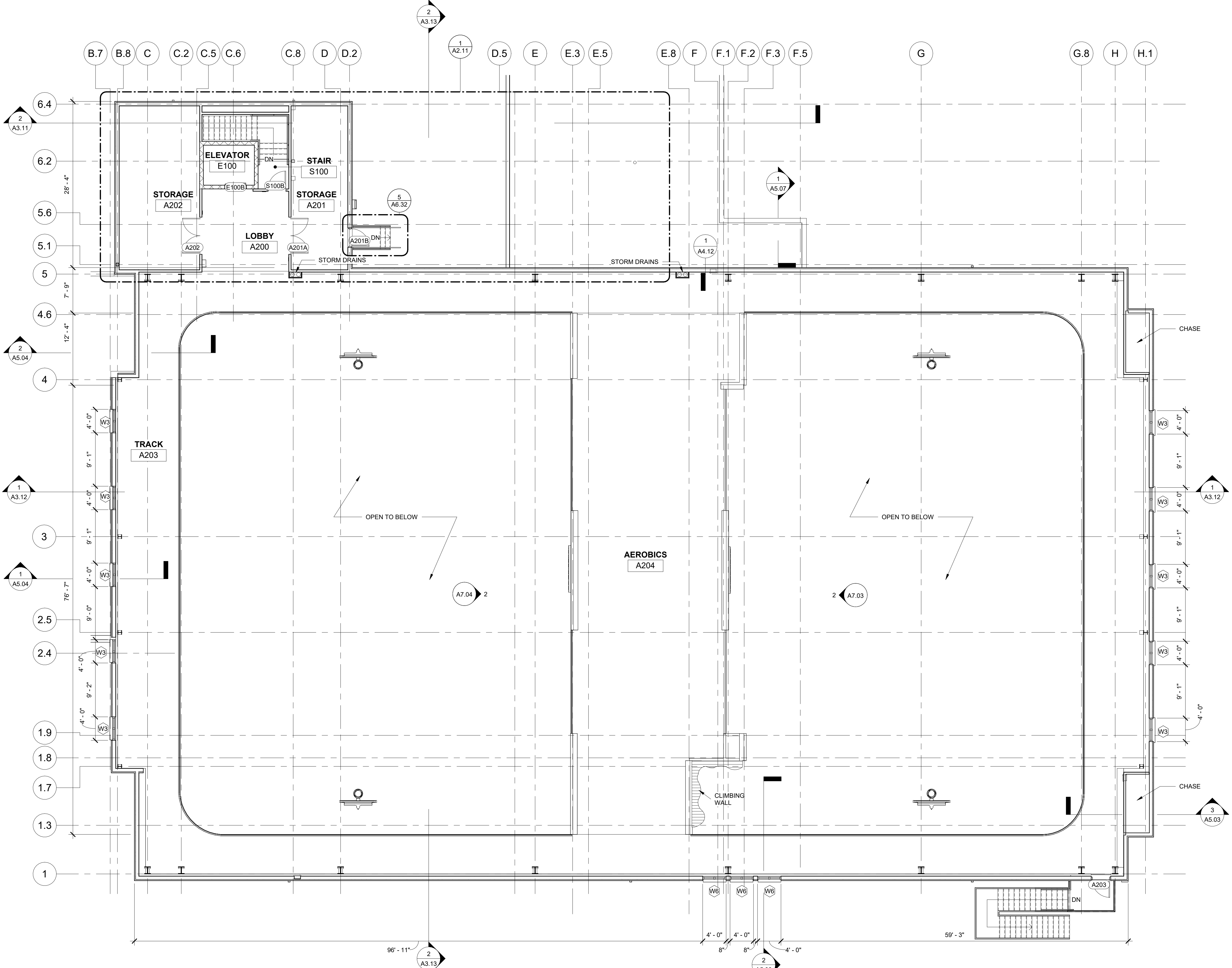
REVISE EXTENT OF
STORAGE ROOM

OMIT CMU WALL
AND REPLACE
WITH FLOORING ABOVE
TO BASE BID EXT. WALL.
OMIT GUARDRAILS ABOVE

EXTERIOR WINDOWS
ABOVE

BASE BID EXTERIOR WALLS
AND EDGE OF SLAB

BASE BID EXIT DOOR



1 MEZZANINE RUNNING TRACK PLAN
 A2.10 1/8" = 1'-0"

- GENERAL NOTES**
1. PROVIDE IMPACT RESISTANT EIFS SYSTEM UP TO 10' AFF TYPICAL.
 2. SEE ENLARGED PLANS FOR SIGNAGE.
 3. COORDINATE ALL OFCI. ITEMS W/ OWNER.
 4. SEAL ALL PENETRATIONS OF CONDUIT, MECHANICAL DUCT WORK, PIPING, IN ALL SUBSTRATES, INTERIOR AND EXTERIOR WALLS, CEILINGS FLOORS.
 5. ARCHITECTURAL BUILDING FFE. LISTED AS 0'-0" COORDINATE ACTUAL W/CIVIL.
 6. SEALANT AT EXPANSION JOINT TO MATCH ADJACENT WALL COLOR.
 7. ALL DOWN SPOUTS TO CONNECT UNDERGROUND UNLESS OTHERWISE NOTED, COORDINATE W/CIVIL REQUIRED.
 8. ALL EXPOSED STEEL TO BE SHOP PRIMED AND PAINTED.
 9. INSTALL NECESSARY BLOCKING BEHIND DESIGNER LOCATION OF SIGNAGE.
 10. PROVIDE HOSE-BIBBS WITH LOCKABLE BOX, PROVIDE FREEZEPROOF TYPE FOR EXTERIOR LOCATION, SEE PLUMBING.
 11. CAULK ALL DOOR & WINDOW FRAMES AT THE JOINT BETWEEN THE FRAME & THE ADJACENT SUBSTRATE.
 12. CAULK ALL JOINTS BETWEEN FIXED WOODWORK PLUMBING FIXTURES, & BACKSPLASH TO WALL TRANSITION JOINT.
 13. COORDINATE BUILDING SITE ORIENTATION/LAYOUT WITH CIVIL.
 14. FOR CONCRETE PAVING SEE SITE/CIVIL U.N.O.
 15. SEE SITE DRAWINGS FOR ALL EXT. SLAB JOINT DETAILS.
 16. SEE STRUCTURE FOR ALL FOOTING & SLAB REQUIREMENTS.
 17. AS REQUIRED PROVIDE AND INSTALL KNOXBOX AT BUILDING ENTRANCE PER LOCAL CODE OFFICIAL DIRECTIONS AND REQUIREMENTS. MODEL OF KNOXBOX. TO BE APPROVED BY LOCAL CODE OFFICIALS. KNOXBOX TO BE MODEL 3200 - 10 KEY CAPACITY - COLOR BLACK. VERIFY INSTALLATION LOCATION W/ ARCH. RECESSED MOUNTED ON BUILDING. PROVIDE SMOOTH FACE BLOCK BEHIND KNOXBOX AS REQUIRED TO MATCH ADJACENT BUILDING BLOCK.
 18. PROVIDE ROUNDED CORNER ON ALL EXPOSED CMU CORNER, INCLUDING BUT NOT LIMITED TO DOOR JAMBS AND OTHER OPENINGS.
 19. SEE A7.01 FOR RESTROOM ACCESSORIES & PLUMBING FIXTURES LEGEND. SEE PLUMBING FOR FIXTURE SPEC. SEE A0.07 FOR GRAB BAR SIZES AND MOUNTING HEIGHTS.
 20. ALL PLUMBING IN UNCONDITIONED SPACES SHALL BE INSULATED.

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LOSE DESIGN
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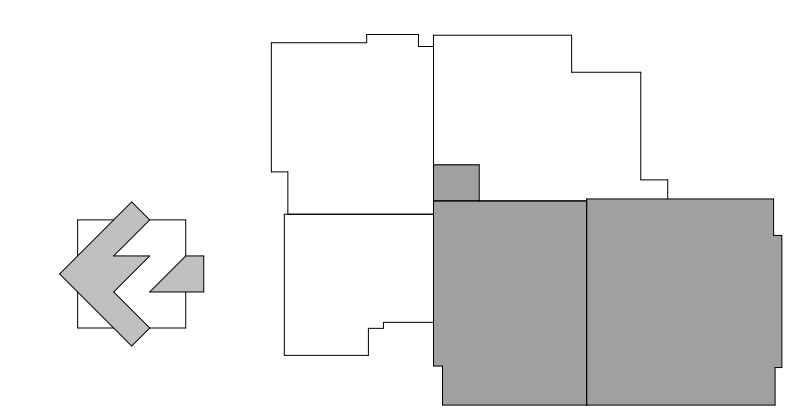
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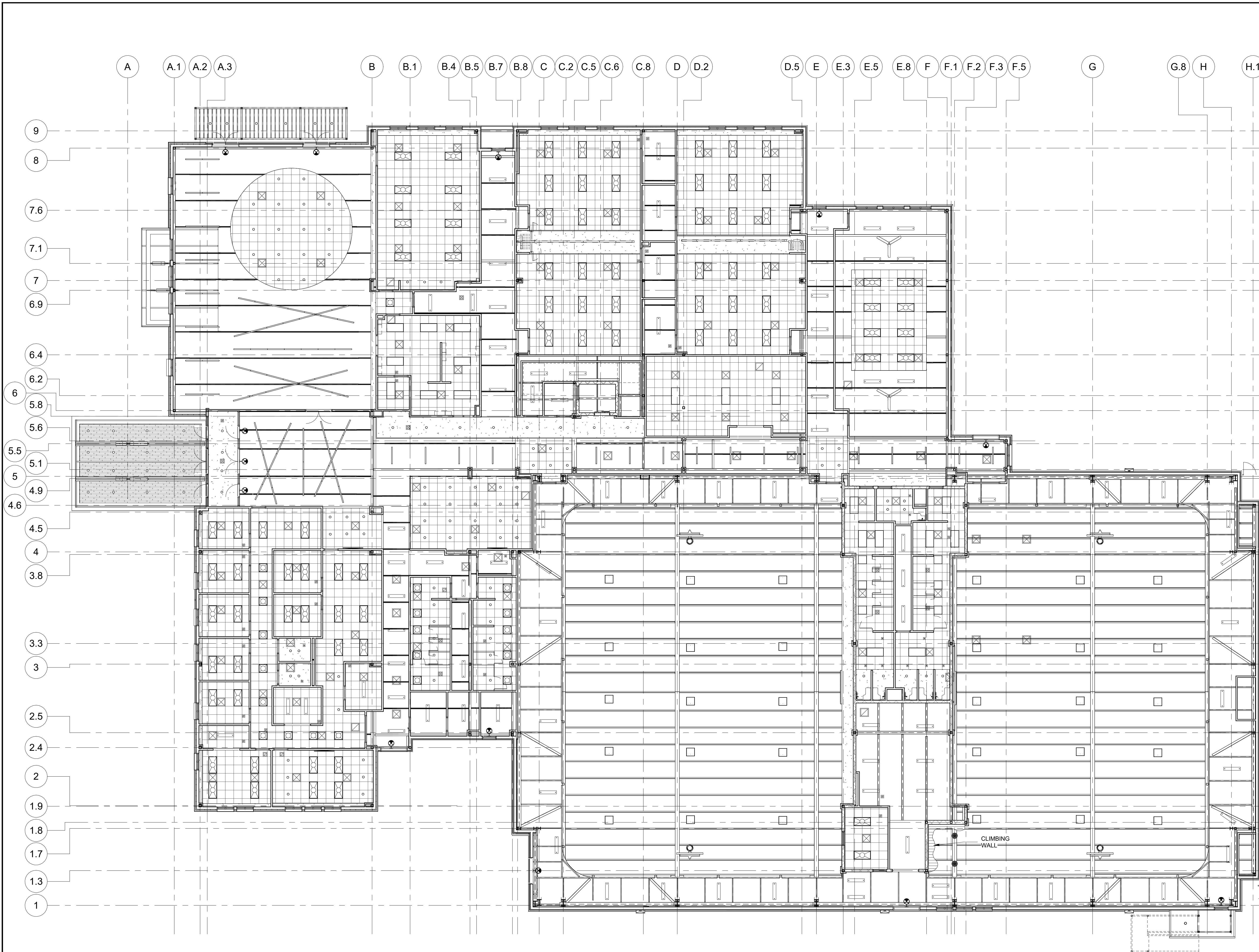
SHEET TITLE
MEZZANINE OVERALL PLAN

PROJECT NO. 21091 DATE 06/21/2024
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 CHECKED BY NR As indicated
 SHEET NO.

A2.10

KEY PLAN





1 OVERALL FIRST FLOOR RCP
A2.20 3/32" = 1'-0"

- REFLECTED CEILING NOTES**
1. PROVIDE ALL ADDITIONAL SUPPORT REQUIRED FOR EQUIPMENT. COORDINATE W/ EQUIPMENT INSTALLER FOR REQUIREMENTS.
 2. COORDINATE W/ MECHANICAL TO PROVIDE REQUIRED CLEARANCE FOR DUCTS/HANGERS.
 3. COORDINATE LIGHTING W/ EQUIPMENT BRACKETS. SEE ELEC. FOR CLEARANCE REQUIREMENTS.
 4. SEE MECH. AND ELEC. FOR EQUIPMENT FIXTURES AND ADDITIONAL CEILING MOUNTED ITEMS NOT SHOWN.
 5. PROVIDE WEATHER SEALANTS AND FLASHING AS REQUIRED FOR ALL TRUSS WALL ELEMENTS.
 6. COORDINATE ALL CEILING ITEMS WITH EXISTING PRE-ENG. ROOF TRUSSES. ALL ITEMS MUST BE INSTALLED IN BETWEEN TRUSSES.
- REFLECTED CEILING PLAN LEGEND**
- 2' x 4' CEILING LAY-IN LIGHT
 - 2' x 4' CEILING RECESSED PARABOLIC TROFFER LAY-IN LIGHT
 - 2' x 2' CEILING RECESSED TROFFER LAY-IN LIGHT
 - 2' x 2' CEILING LAY-IN LIGHT
 - 1' x 4' CEILING MOUNTED
 - 3' x 48" DIRECT SUSPENDED LINEAR STRIP FIXTURE
 - SUSPENDED STRIP FIXTURE
 - RECESSED WALL WASHER
 - RECESSED SPOTLIGHT
 - SUPPLY AIR
 - RETURN AIR
 - EXHAUST GRILLE
 - SECURITY CAMERA
 - SUSPENDED PENDANT LIGHT FIXTURE
 - SUSPENDED FIXTURE
 - INDOOR CEILING FAN, 84" BIG ASS FAN HAIKU
- CEILING TYPES**
- 2' x 2' ACOUSTICAL CEILING (ACT-1)
 - 2' x 2' KITCHEN MOISTURE RESISTANT PANELS (ACT-2)
 - GYPSUM BOARD CEILING (GWB)
 - T&G CEILING (WD)
 - NO CEILING - EXPOSED TO STRUCTURE (E/S)
- NOTE:** ALL SUSPENDED LIGHT FIXTURE SYSTEMS TO HANG 10'-0" A.F.F. U.N.O. BY ELECTRICAL

KEY PLAN

CD PROGRESS

NO.	DATE	DESCRIPTION

SHEET TITLE
OVERALL FIRST FLOOR RCP

PROJECT NO. **21091** DATE **06/21/2024**
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SHEET NO. **A2.20**

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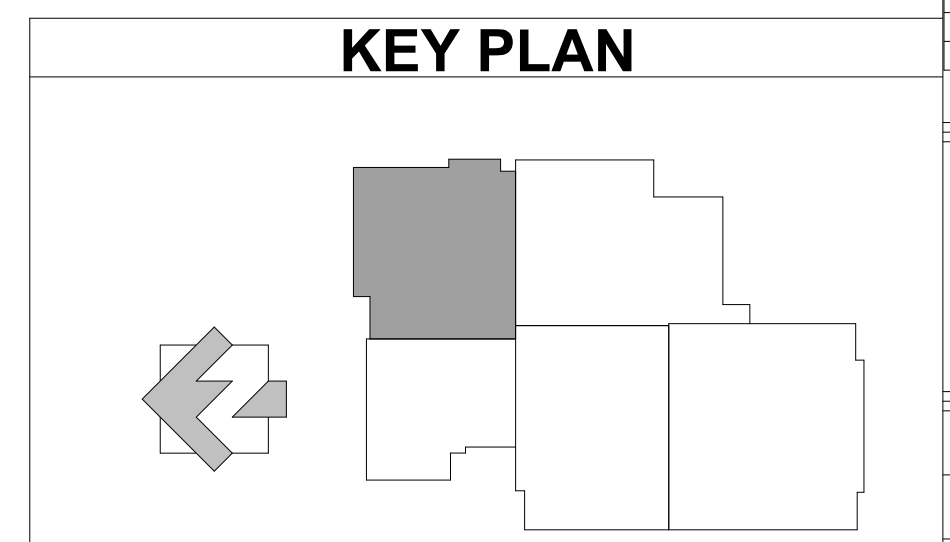
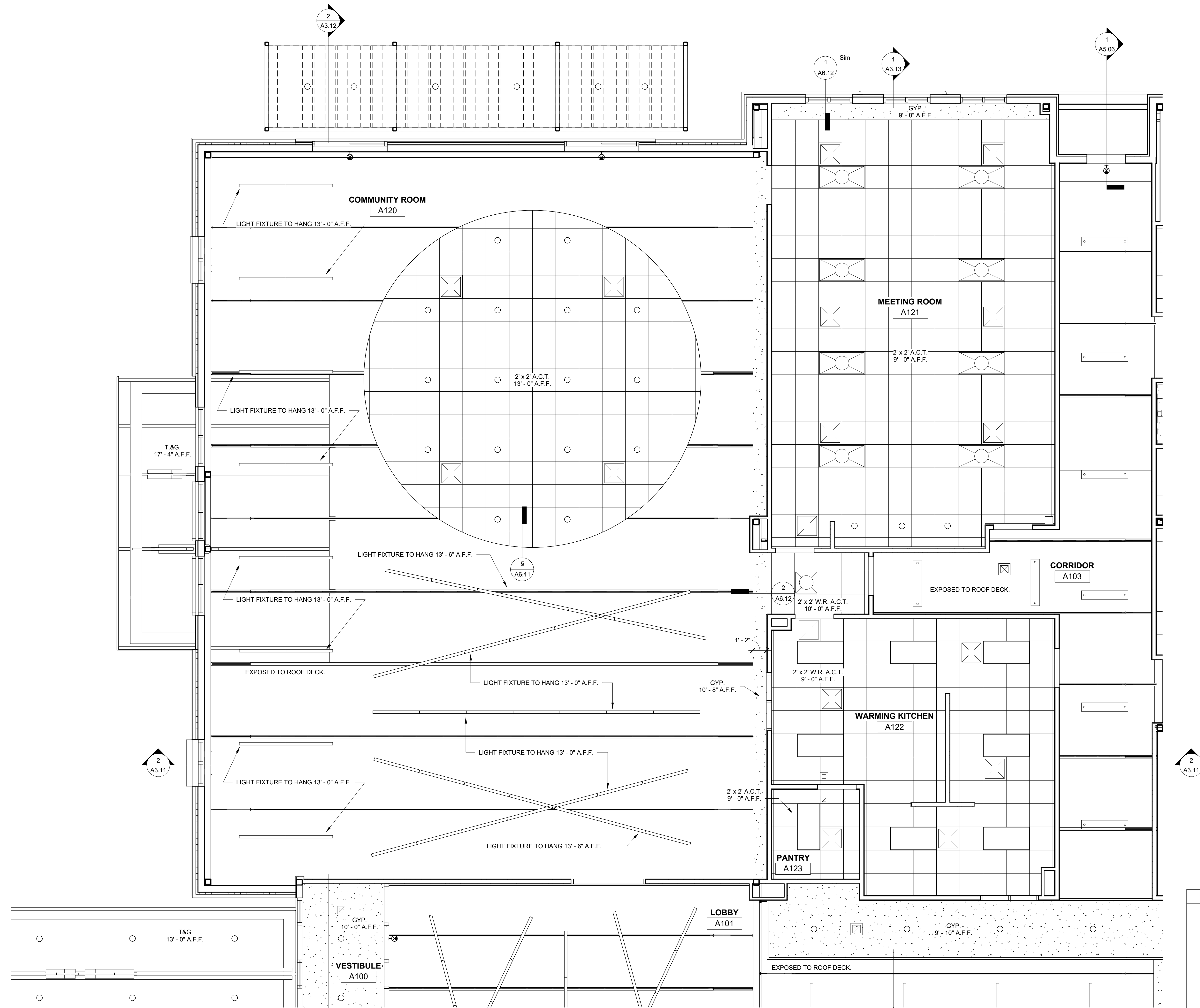
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SHEET TITLE
COMMUNITY ROOM ENLARGED RCP

PROJECT NO. 21091 DATE 06/21/2024
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SHEET NO.

A2.22

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1
A2.22
COMMUNITY ROOM ENLARGED
REFLECTED CEILING PLAN
1/4" = 1'-0"

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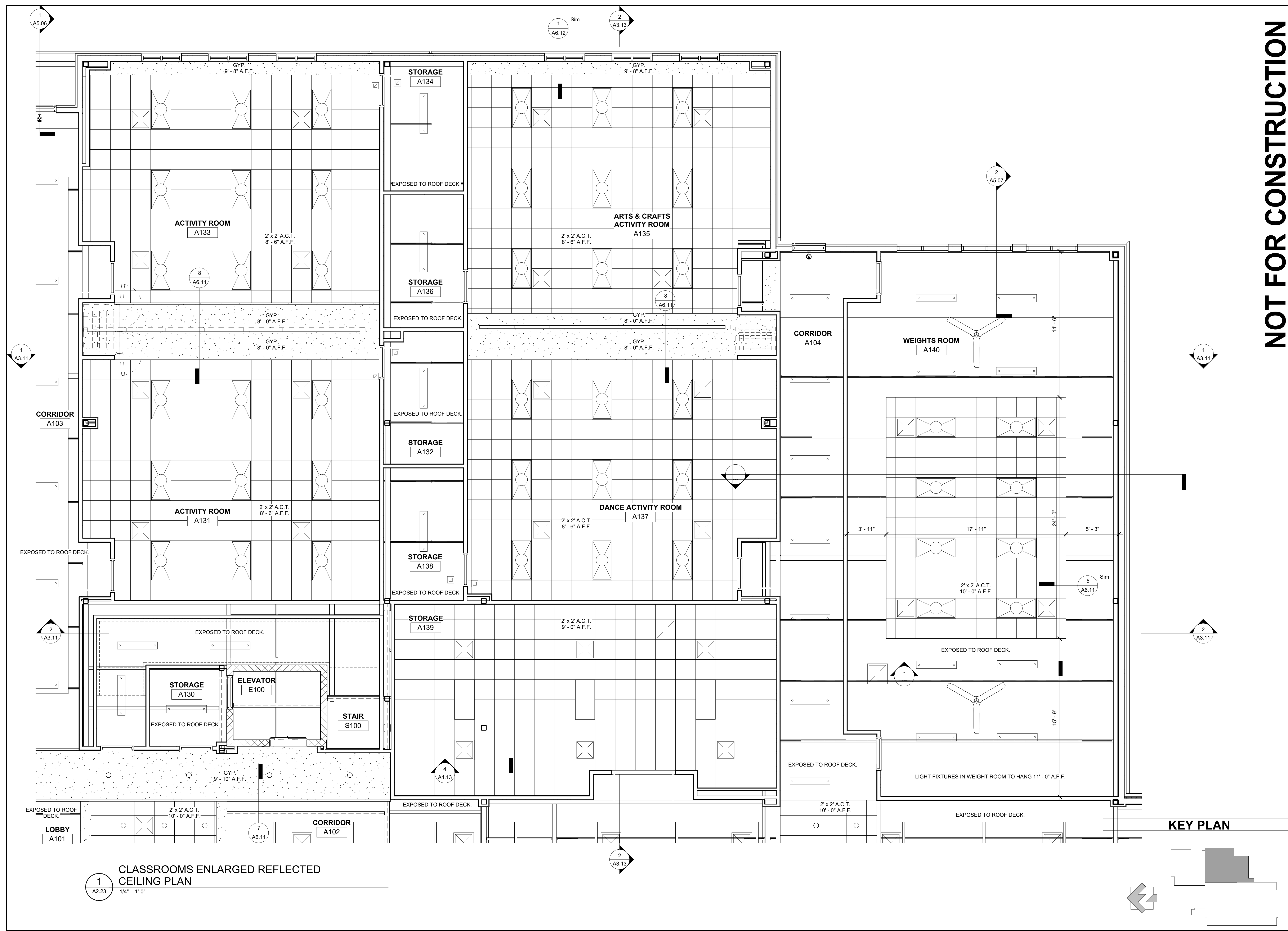
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SHEET TITLE
CLASSROOMS ENLARGED RCP

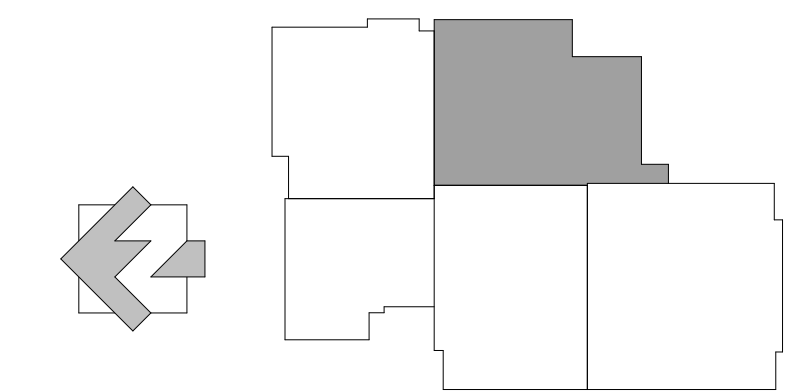
PROJECT NO. 21091
DATE 06/21/2024
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SHEET NO.

A2.23

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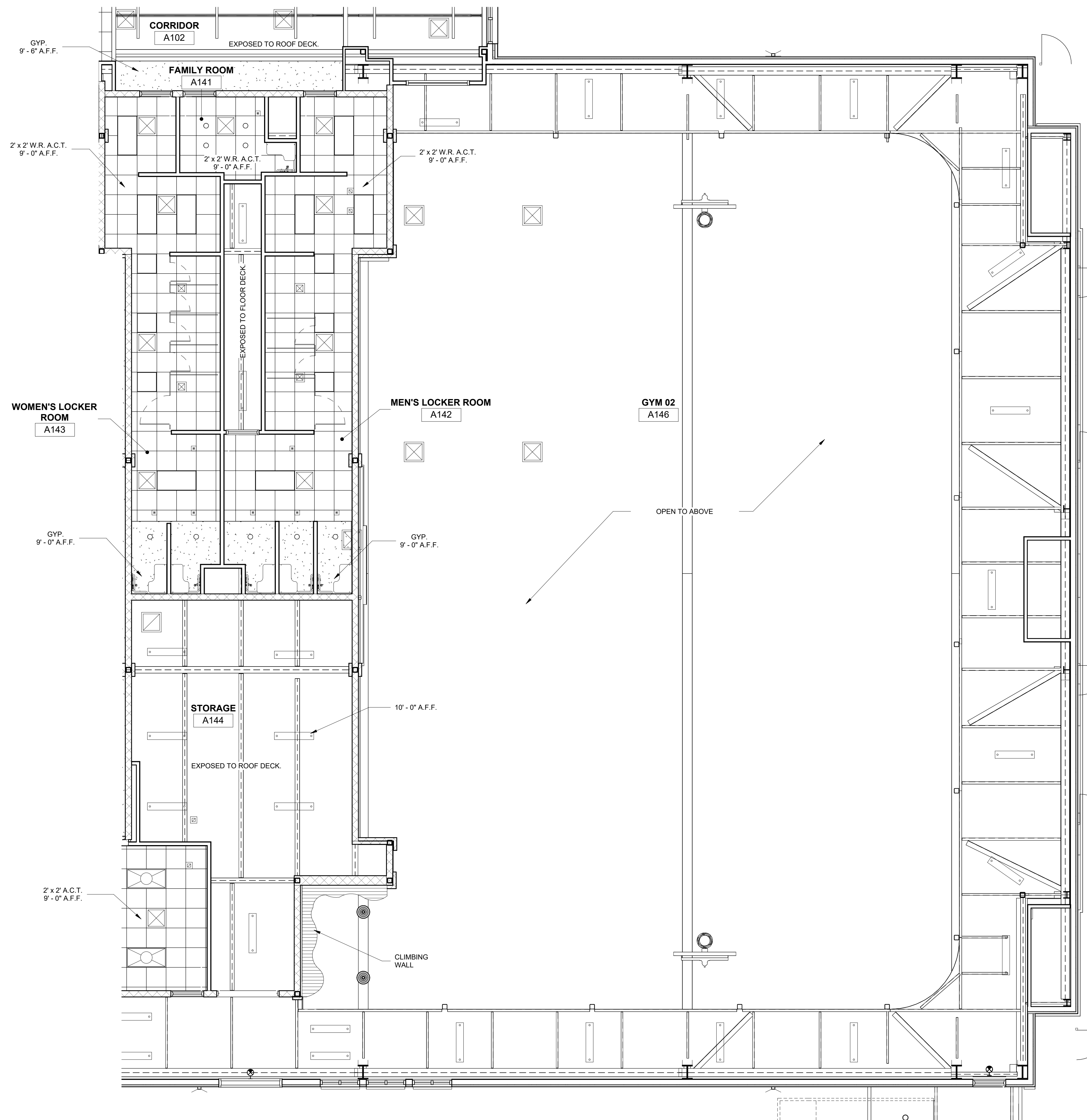


KEY PLAN



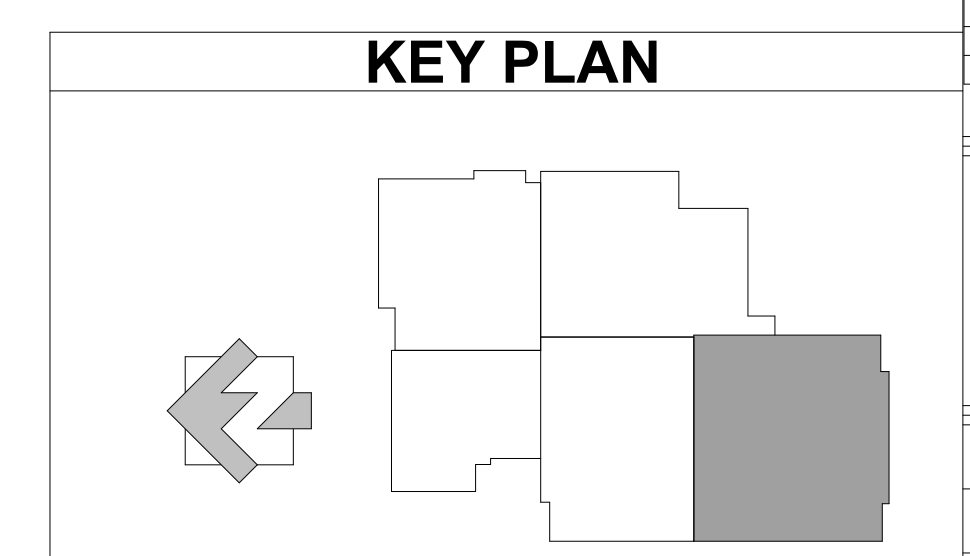
**CLASSROOMS ENLARGED REFLECTED
CEILING PLAN**

1
A2.23
1/4" = 1'-0"



1
A2.24

GYM 02 ENLARGED REFLECTED CEILING PLAN
3/16" = 1'-0"



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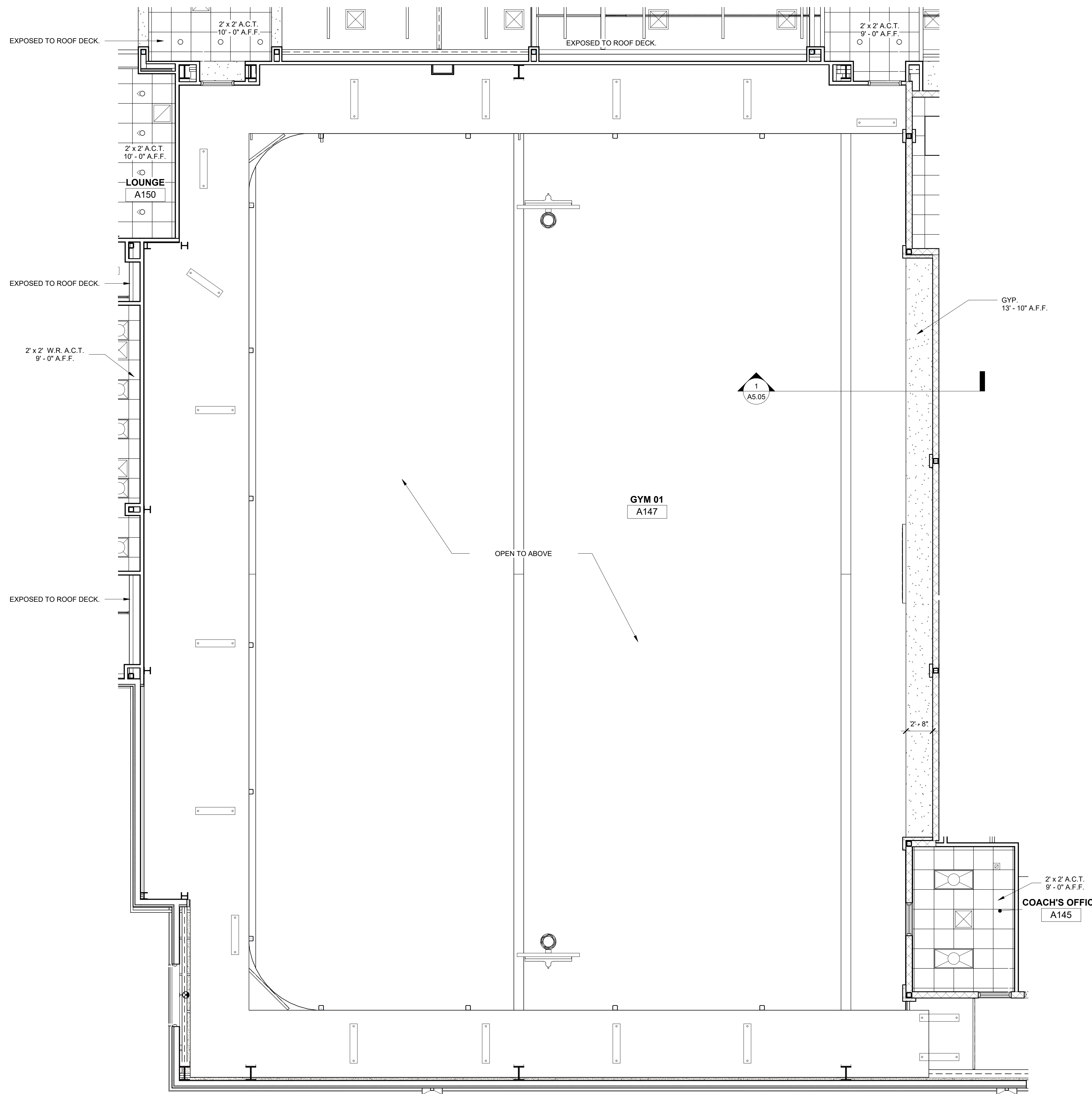
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NO.	DESCRIPTION

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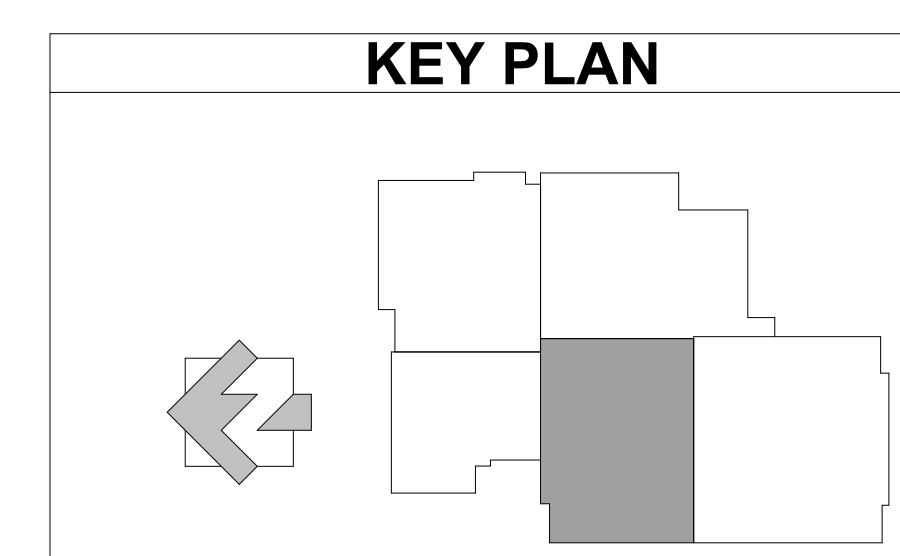
SHEET TITLE
GYM 02 ENLARGED REFLECTED CEILING PLAN

PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE
CHECKED BY NR As indicated
SHEET NO.

A2.24



1
A2.25
GYM 01 ENLARGED REFLECTED CEILING PLAN
3/16" = 1'-0"



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SHEET TITLE
GYM 01 ENLARGED REFLECTED CEILING PLAN

PROJECT NO. 21091 DATE 06/21/2024
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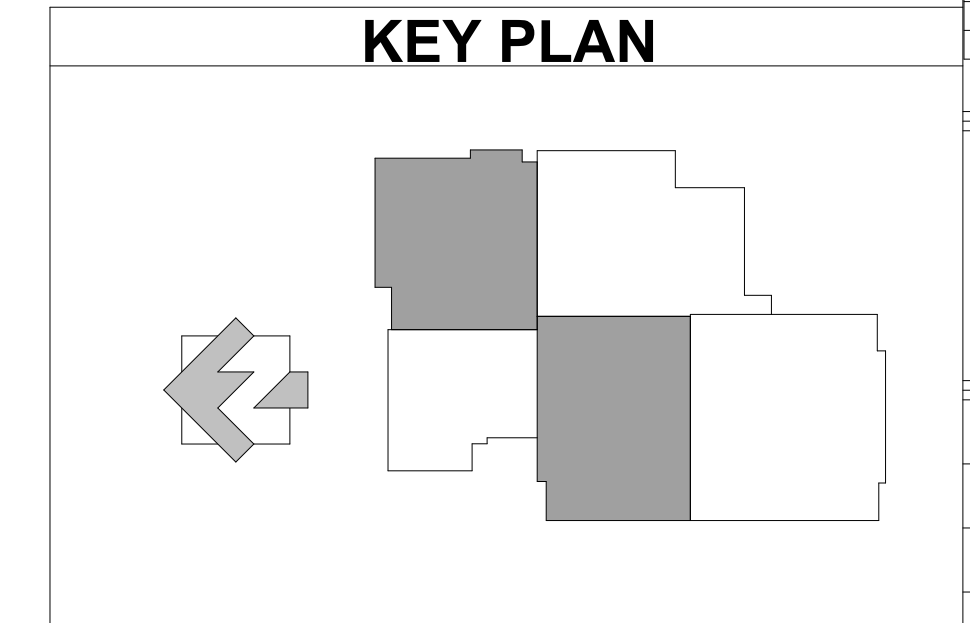
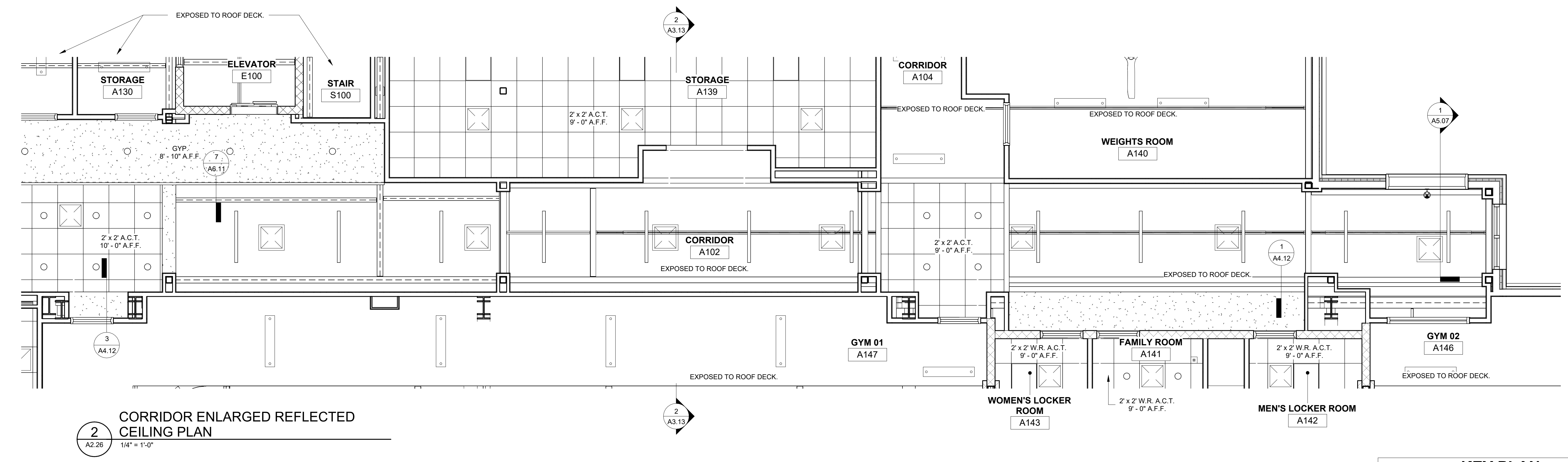
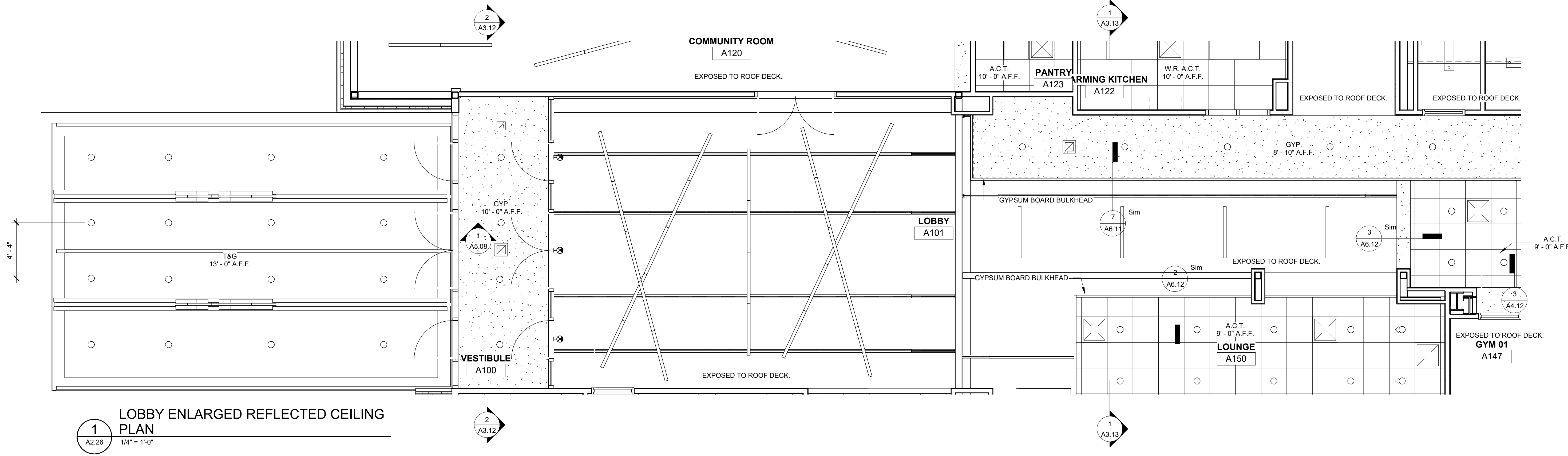
CD PROGRESS

SHEET TITLE
**LOBBY & CORRIDOR
ENLARGED RCP**

PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO.	

A2.26

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- REFLECTED CEILING NOTES**
1. PROVIDE ALL ADDITIONAL SUPPORT REQUIRED FOR EQUIPMENT. COORDINATE W/ EQUIPMENT INSTALLER FOR REQUIREMENTS.
 2. COORDINATE W/ MECHANICAL TO PROVIDE REQUIRED CLEARANCE FOR DUCTS & HANGERS.
 3. COORDINATE LIGHTING W/ EQUIPMENT BRACKETS. SEE ELEC. FOR CLEARANCE REQUIREMENTS.
 4. SEE MECH. AND ELEC. FOR EQUIPMENT FIXTURES AND ADDITIONAL CEILING MOUNTED ITEMS NOT SHOWN.
 5. PROVIDE WEATHER SEALANTS AND FLASHING AS REQUIRED FOR ALL TRUSS WALL ELEMENTS.
 6. COORDINATE ALL CEILING ITEMS WITH EXISTING PRE-ENG. ROOF TRUSSES. ALL ITEMS MUST BE INSTALLED IN BETWEEN TRUSSES.

- REFLECTED CEILING PLAN LEGEND**
- 2' x 4' CEILING LAY-IN LIGHT
 - 2' x 4' CEILING RECESSED PARABOLIC TROFFER LAY-IN LIGHT
 - 2' x 2' CEILING RECESSED TROFFER LAY-IN LIGHT
 - 2' x 2' CEILING LAY-IN LIGHT
 - 1' x 4' CEILING MOUNTED LIGHT
 - 3' x 48" DIRECT SUSPENDED LINEAR STRIP FIXTURE
 - SUSPENDED STRIP FIXTURE
 - RECESSED WALL WASHER
 - RECESSED SPOTLIGHT
 - SUPPLY AIR
 - RETURN AIR
 - EXHAUST GRILLE
 - SECURITY CAMERA
 - SUSPENDED PENDANT LIGHT FIXTURE
 - SUSPENDED FIXTURE
 - INDOOR CEILING FAN, 84" BIG ASS FAN HAIKU

- CEILING TYPES**
- 2' x 2' ACOUSTICAL CEILING (ACT-1)
 - 2' x 2' KITCHEN MOISTURE RESISTANT PANELS (ACT-2)
 - GYPSUM BOARD CEILING (GWB)
 - T&G CEILING (WD)
 - NO CEILING - EXPOSED TO STRUCTURE (E/S)

NOTE: ALL SUSPENDED LIGHT FIXTURE SYSTEMS TO HANG 10'-0" A.F.F. U.N.O. BY ELECTRICAL

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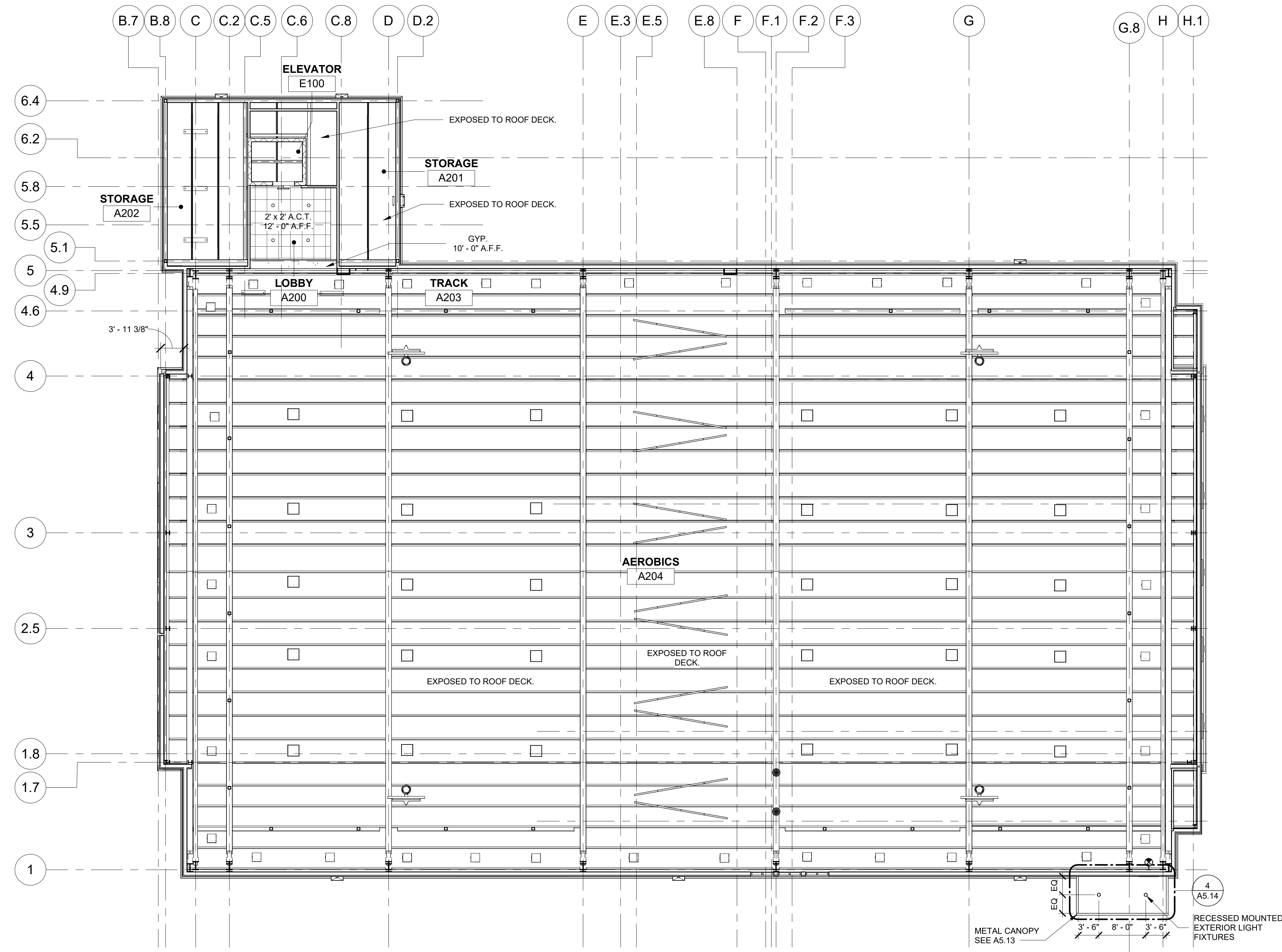
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SHEET TITLE

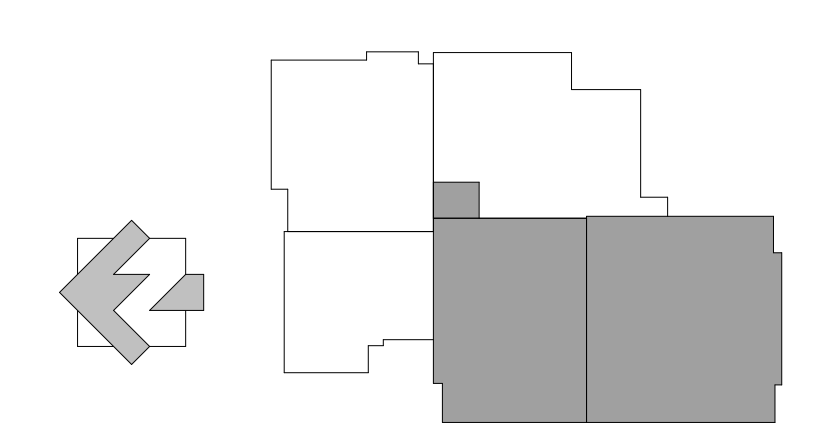
OVERALL MEZZANINE REFLECTED CEILING PLAN

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE
CHECKED BY NR
As indicated
SHEET NO.

A2.30



KEY PLAN



1 MEZZANINE RCP
A2.30 3/32" = 1'-0"

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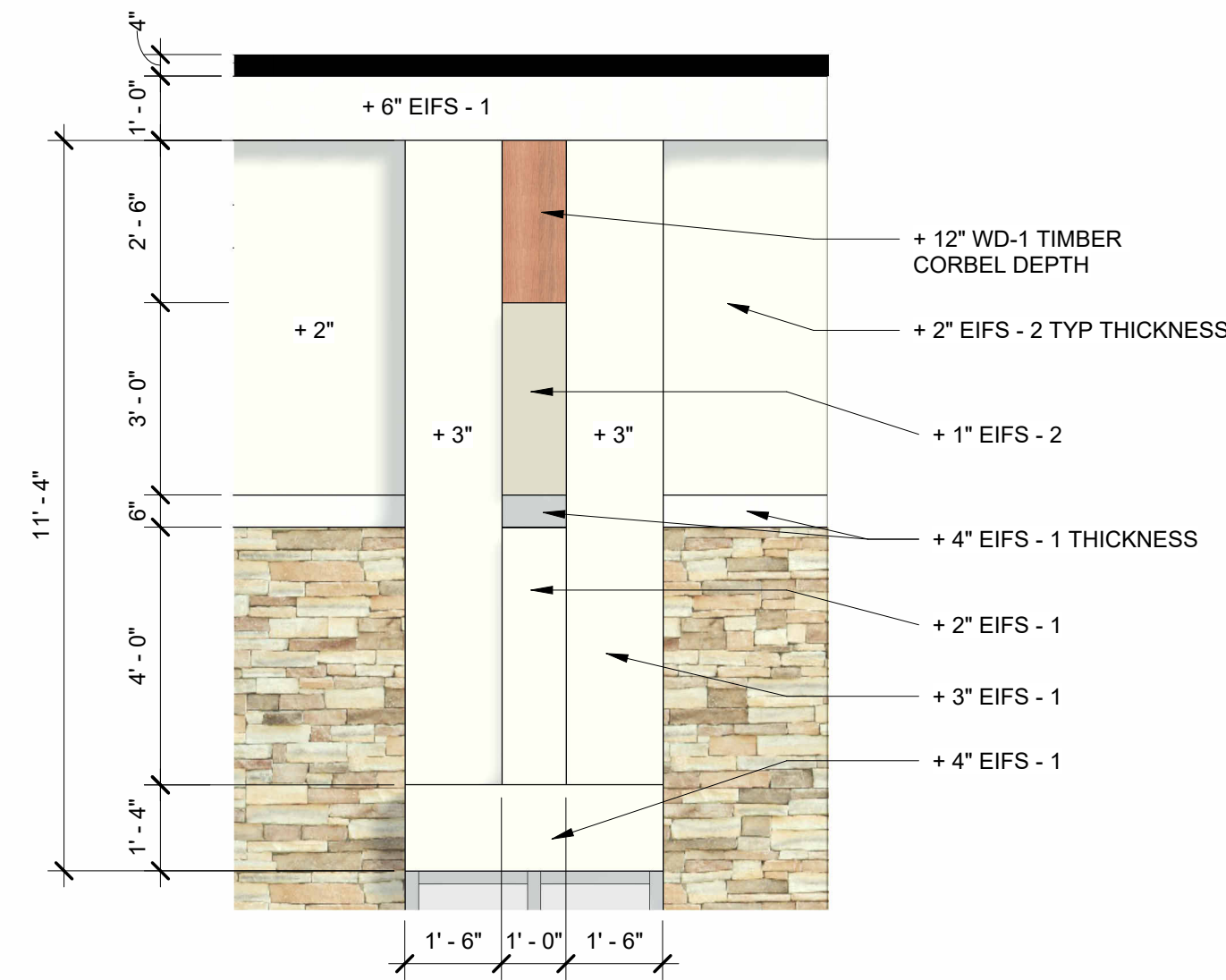
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SHEET TITLE
EXTERIOR ELEVATIONS

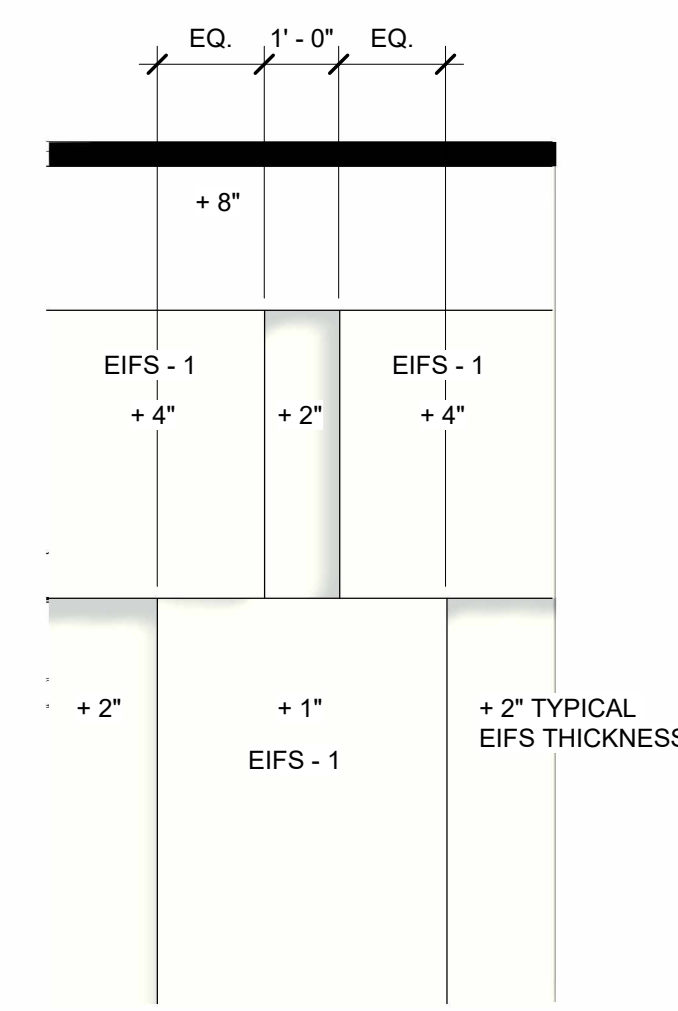
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE
CHECKED BY NR
As indicated
SHEET NO.

A3.01

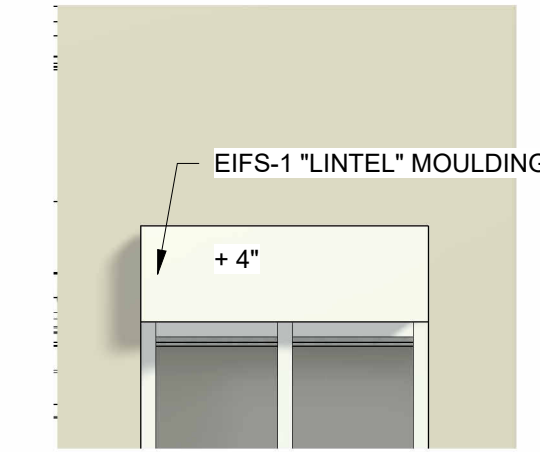
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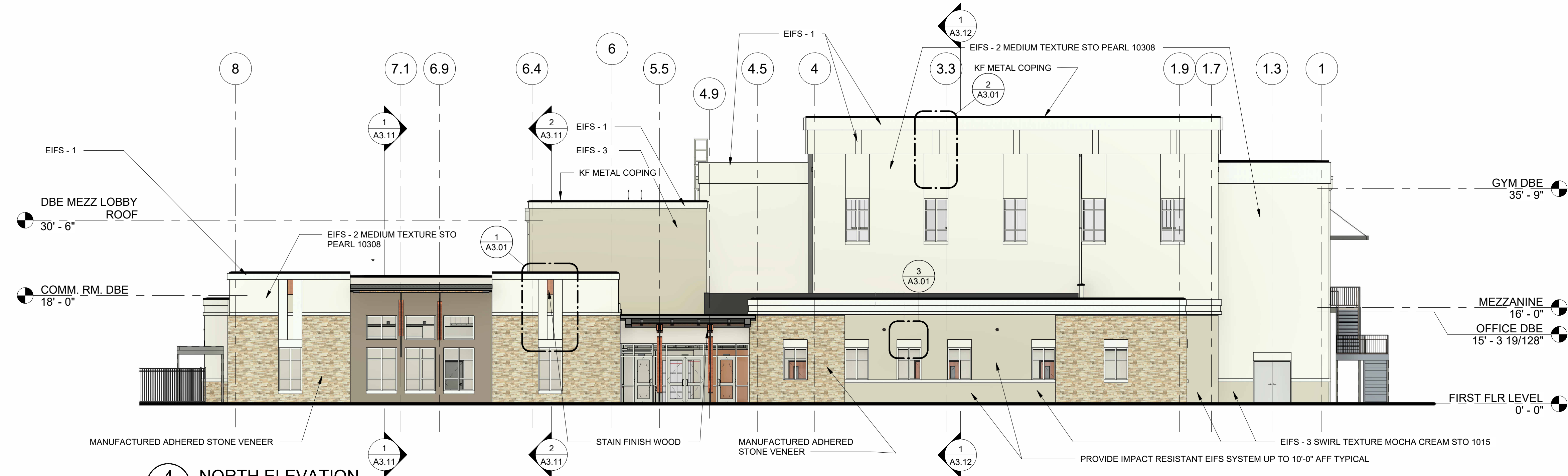
1 NORTH ELEVATION - DETAIL 1
A3.01 3/8" = 1'-0"



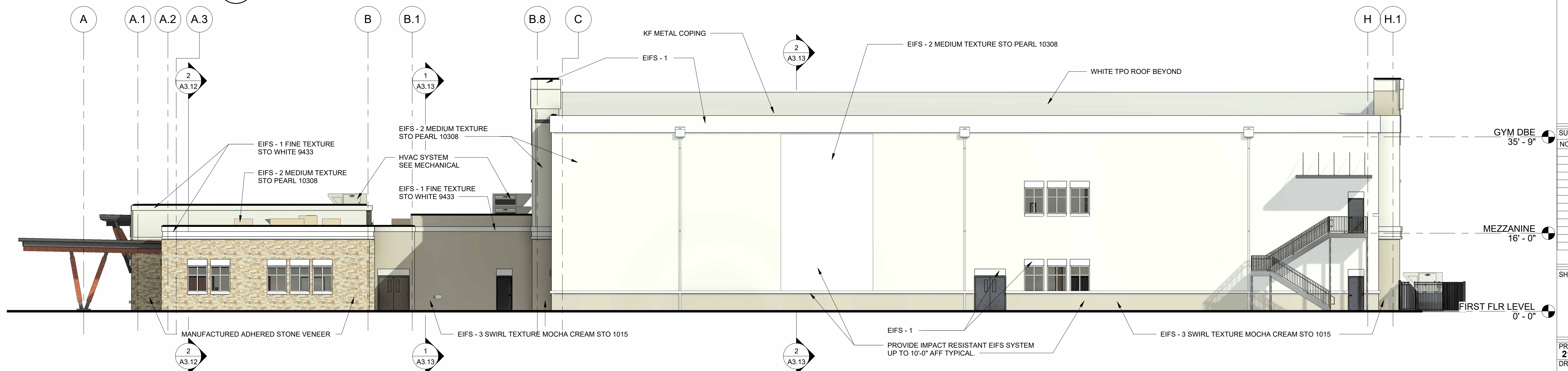
2 NORTH ELEVATION - DETAIL 2
A3.01 3/8" = 1'-0"



3 NORTH ELEVATION - DETAIL 3
A3.01 3/8" = 1'-0"



4 NORTH ELEVATION
A3.01 3/32" = 1'-0"



5 WEST ELEVATION
A3.01 3/32" = 1'-0"

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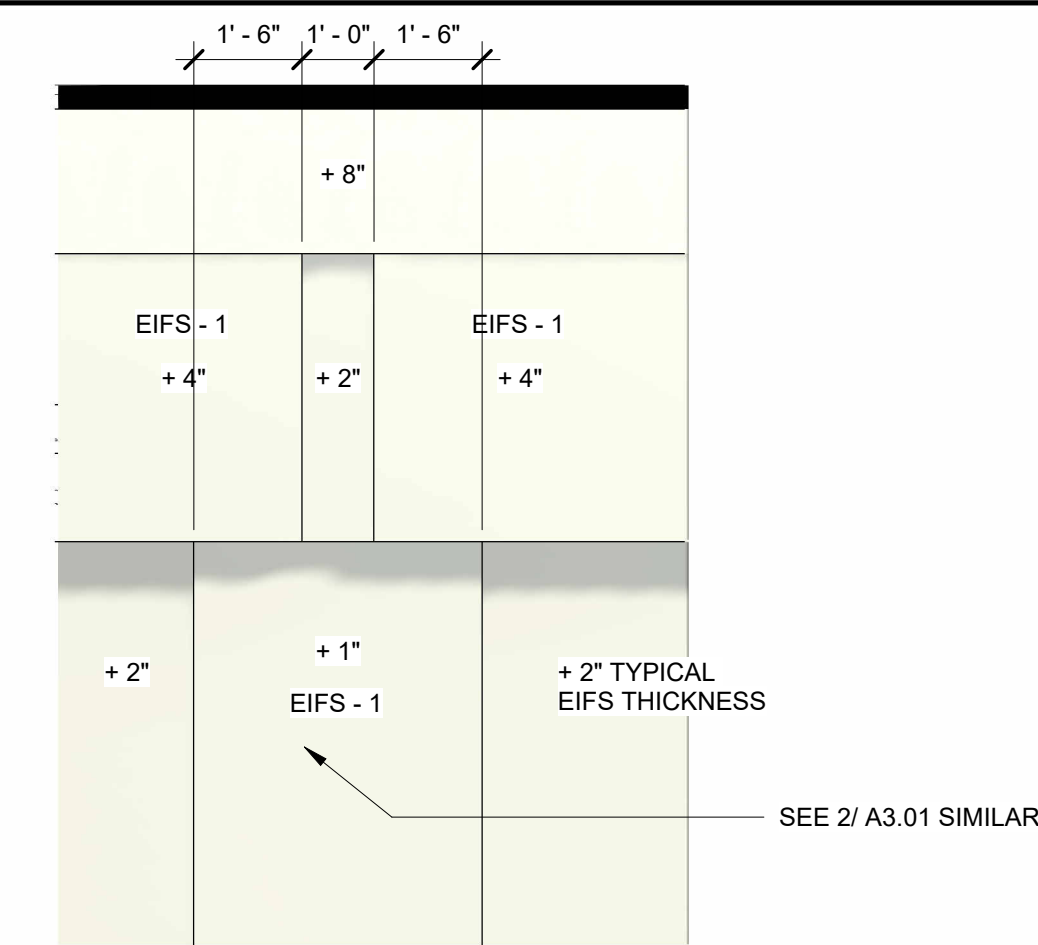
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SHEET TITLE
**EXTERIOR
ELEVATIONS**

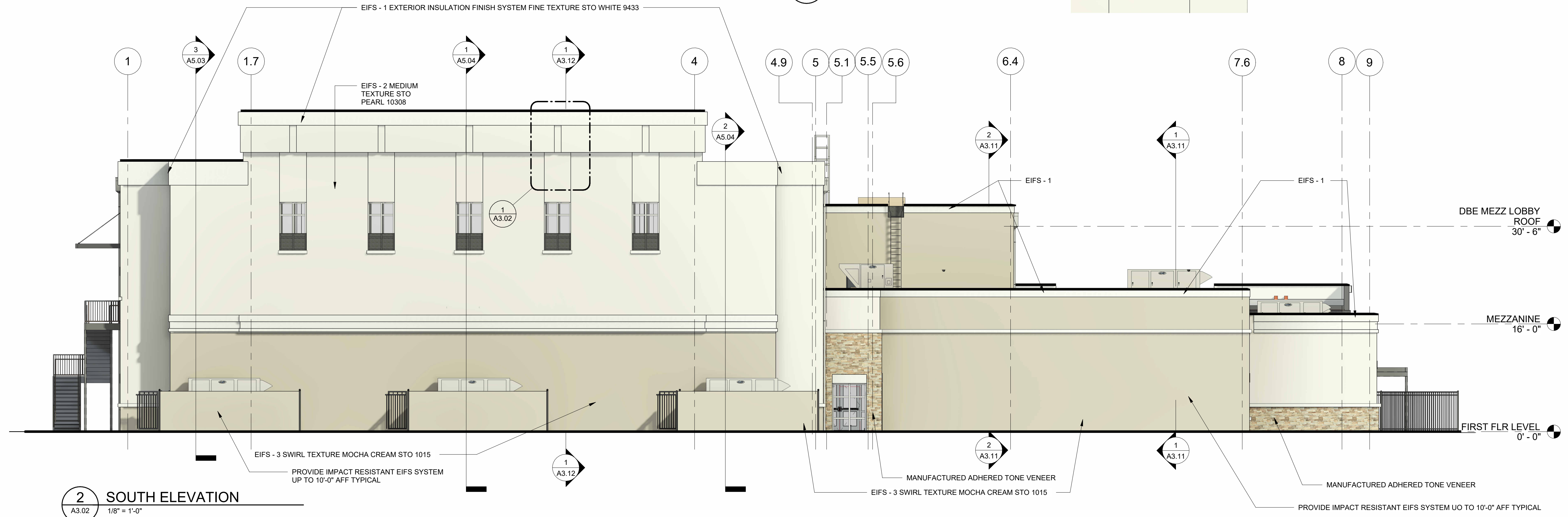
PROJECT NO.
21091
DATE
06/21/2024
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SCALE
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CHECKED BY
NR
SHEET NO.

A3.02

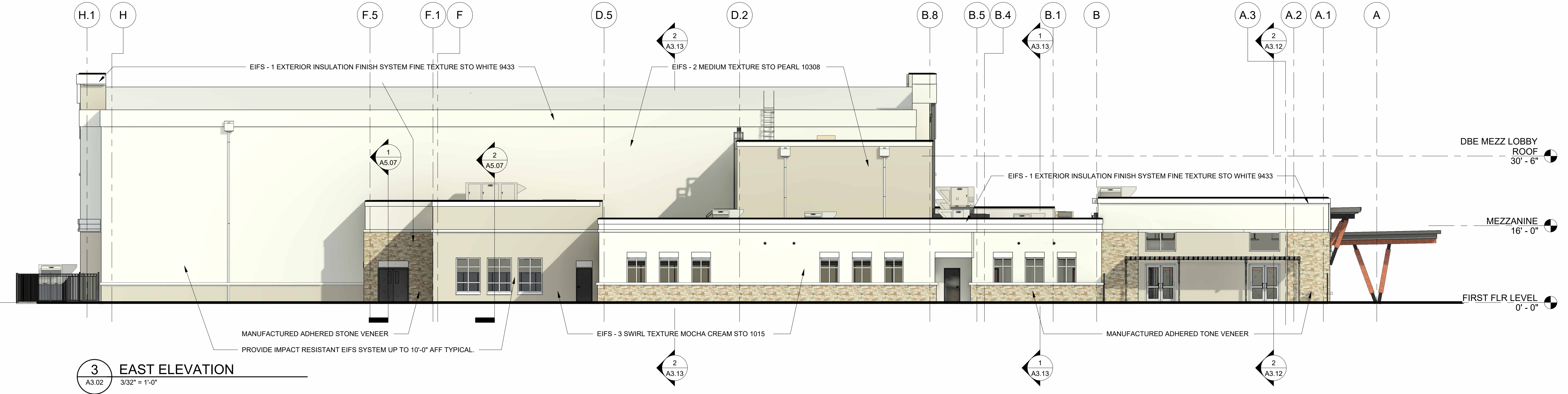
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1 SOUTH ELEVATION - DETAIL 1
A3.02 3/8" = 1'-0"



2 SOUTH ELEVATION
A3.02 1/8" = 1'-0"



3 EAST ELEVATION
A3.02 3/32" = 1'-0"

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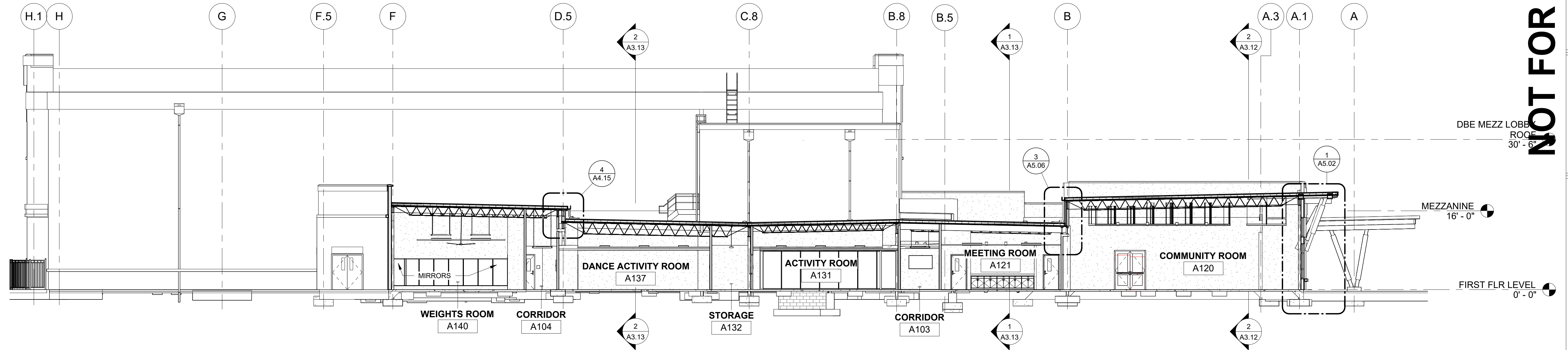
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SHEET TITLE
BUILDING SECTIONS

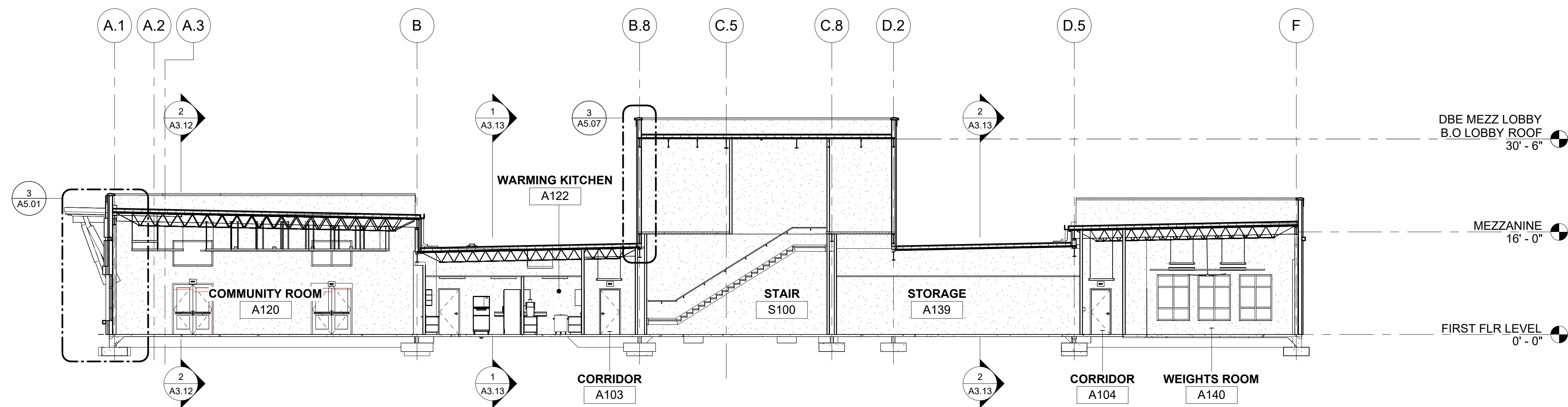
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE
CHECKED BY NR
As indicated
SHEET NO.

A3.11

NOT FOR CONSTRUCTION



1
NORTH-SOUTH @ WEIGHT ROOM TO
COMMUNITY ROOM
A3.11 3/32" = 1'-0"



2
NORTH-SOUTH @ COMMUNITY ROOM TO
WEIGHT ROOM
A3.11 3/32" = 1'-0"

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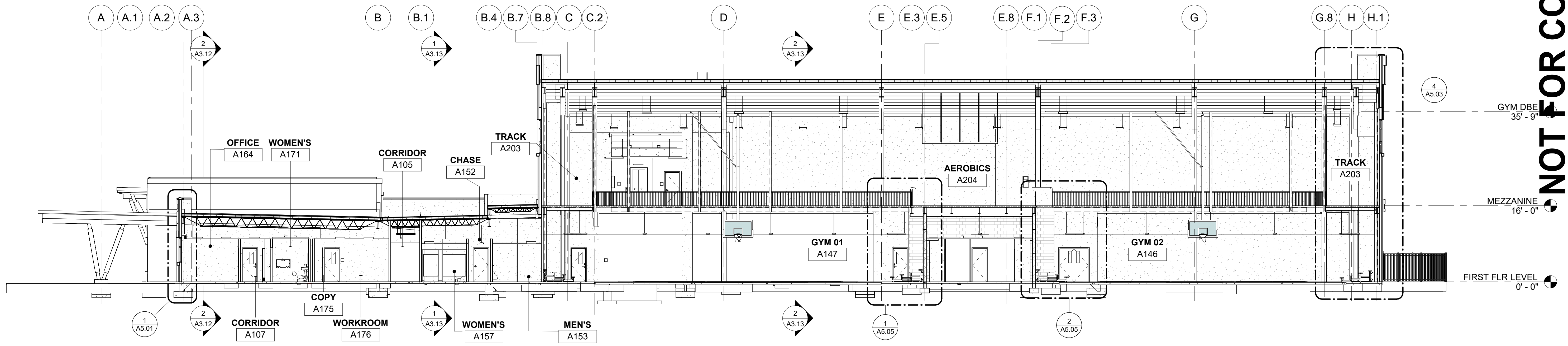
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SHEET TITLE
BUILDING SECTIONS

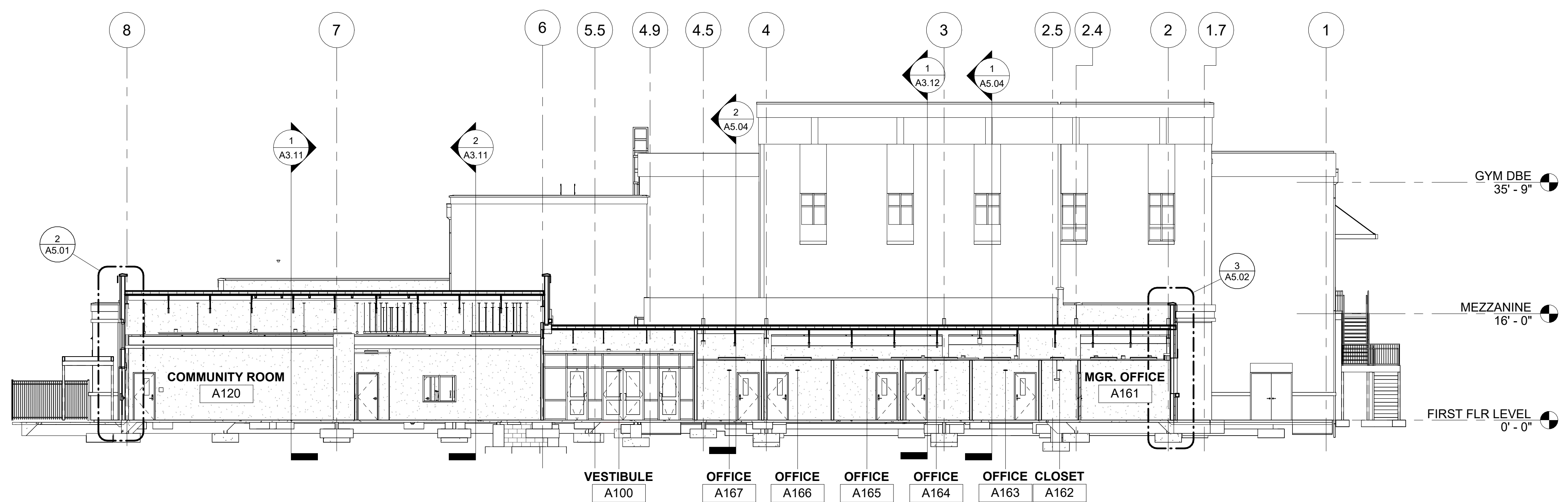
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE As indicated
CHECKED BY NR	
SHEET NO.	

A3.12

NOT FOR CONSTRUCTION



1
NORTH-SOUTH @ ADMINISTRATION TO GYM
A3.12 3/32" = 1'-0"



2
WEST-EAST @ COMMUNITY ROOM TO ADMINISTRATION
A3.12 3/32" = 1'-0"

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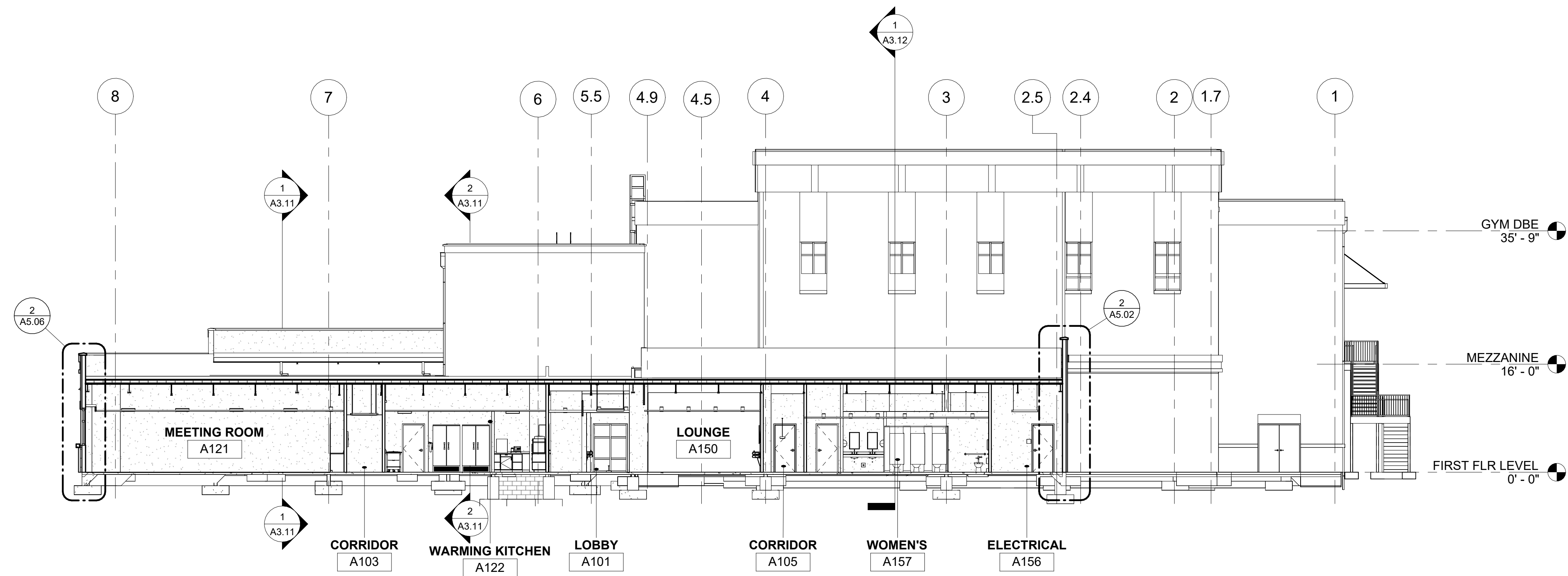
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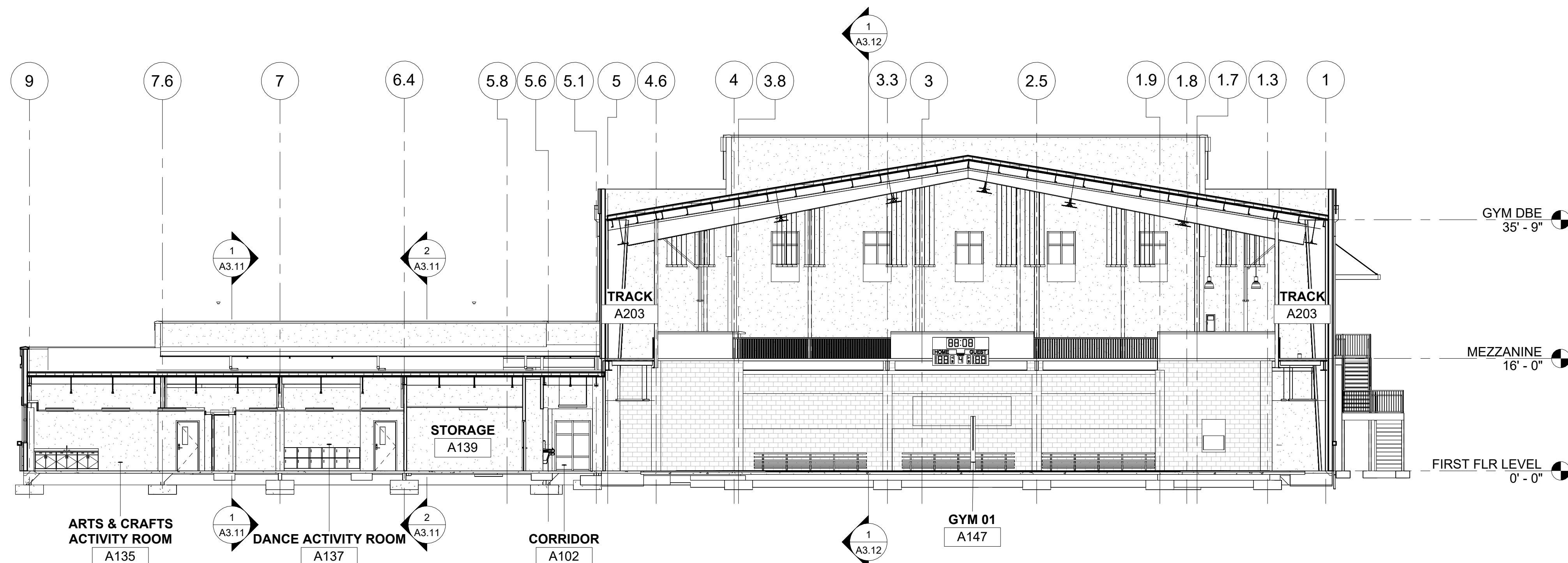
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE As indicated
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SHEET NO.	

A3.13

NOT FOR CONSTRUCTION



1
WEST-EAST @ MEETING ROOM TO
ADMINISTRATION
A3.13 3/32" = 1'-0"



2
EAST-WEST @ CLASSROOMS TO GYM
A3.13 3/32" = 1'-0"

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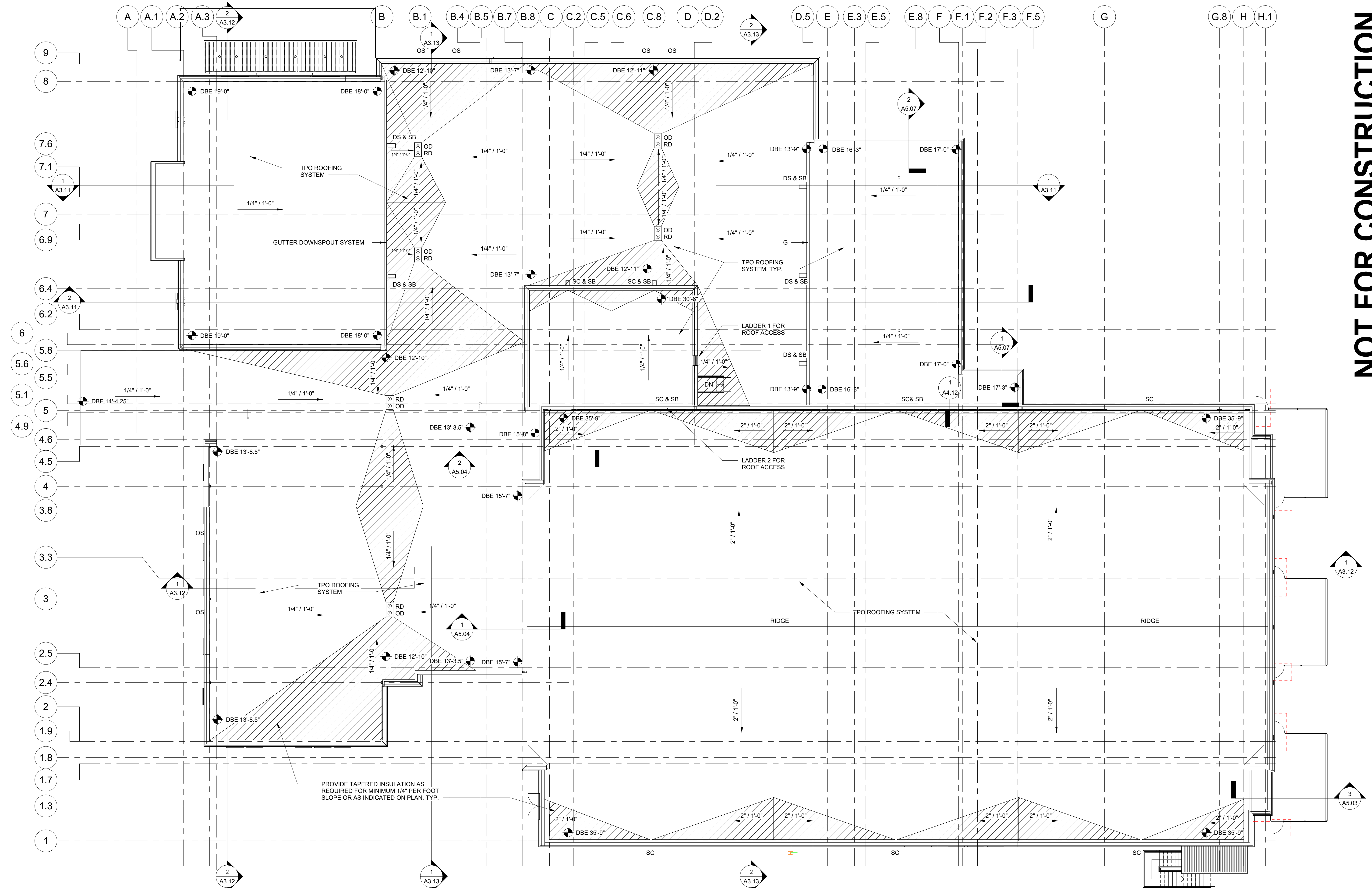
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ROOF PLAN

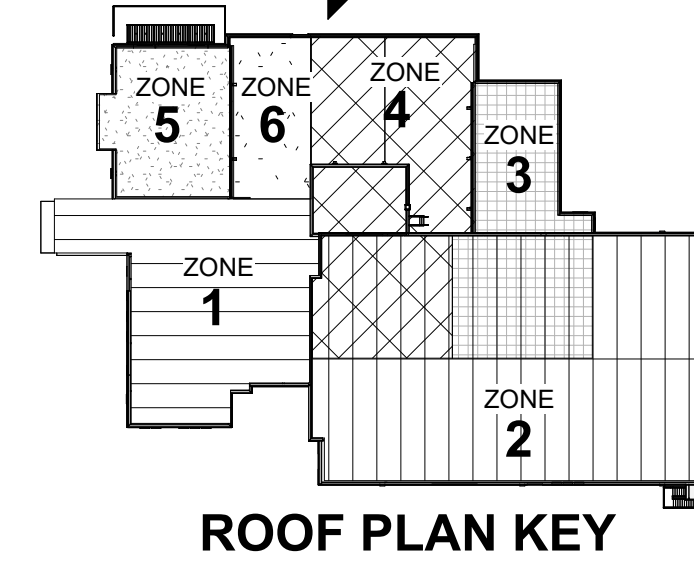
PROJECT NO. **21091** DATE **06/21/2024**
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SHEET NO.

A4.01

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1 ROOF PLAN
A4.01 3/32" = 1'-0"

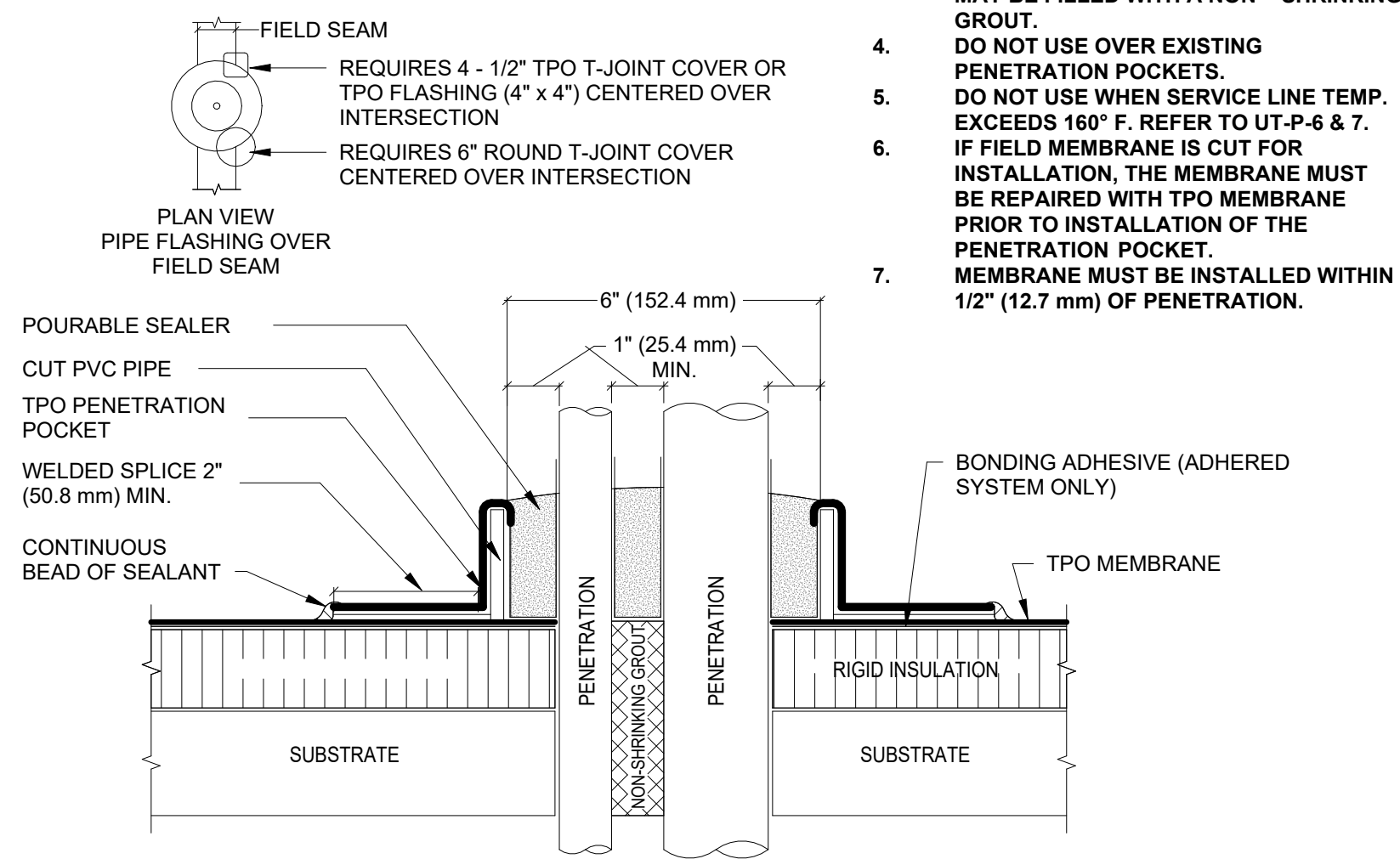


ROOF DRAINAGE CALCULATIONS									
ZONE	AREA (SQ FT)	100 YR. RAINFALL INTENSITY/HR (GPM)	OUTLET TYPE	OUTLET SIZE REQ'D	# OF OUTLETS REQ'D	AREA COVERAGE SQ FT / EA. TABLS 1106.1, 1106.2	OUTLET SIZE PROV'D	# OF OUTLETS PROV'D	AREA COVERAGE SQ FT / EA. TABLS 1106.1, 1106.2
1	7,194 SQ FT	3.75" (039)	RD/OD	4"	2	8,359 SQ FT	5"	2	12,000 SQ FT
2	17,495 SQ FT	3.75" (039)	SC/DS	3" X 4"	4	18,461 SQ FT	3" X 4"	6	27,692 SQ FT
3	5,272 SQ FT	3.75" (039)	G/DS	3" X 4"	2	9,230 SQ FT	3" X 4"	2	9,230 SQ FT
4 + 3	13,655 SQ FT	3.75" (039)	RD/OD	5"	3	18,000 SQ FT	6"	2	24,974 SQ FT
5	3,202 SQ FT	3.75" (039)	G/DS	3" X 4"	1	2,200 SQ FT	3" X 4"	2	9,230 SQ FT
6 + 5	5,387 SQ FT	3.75" (039)	RD/OD	5"	1	6,000 SQ FT	4"	2	8,359 SQ FT

ROOF PLAN LEGEND	
RD = ROOF DRAIN	OD = OVERFLOW DRAIN
SC = SCUPPER W/ OVERFLOW	OS = OVERFLOW SCUPPER
G = ROOF GUTTER	DS = DOWNSPOUT
SB = SPLASH BLOCK	

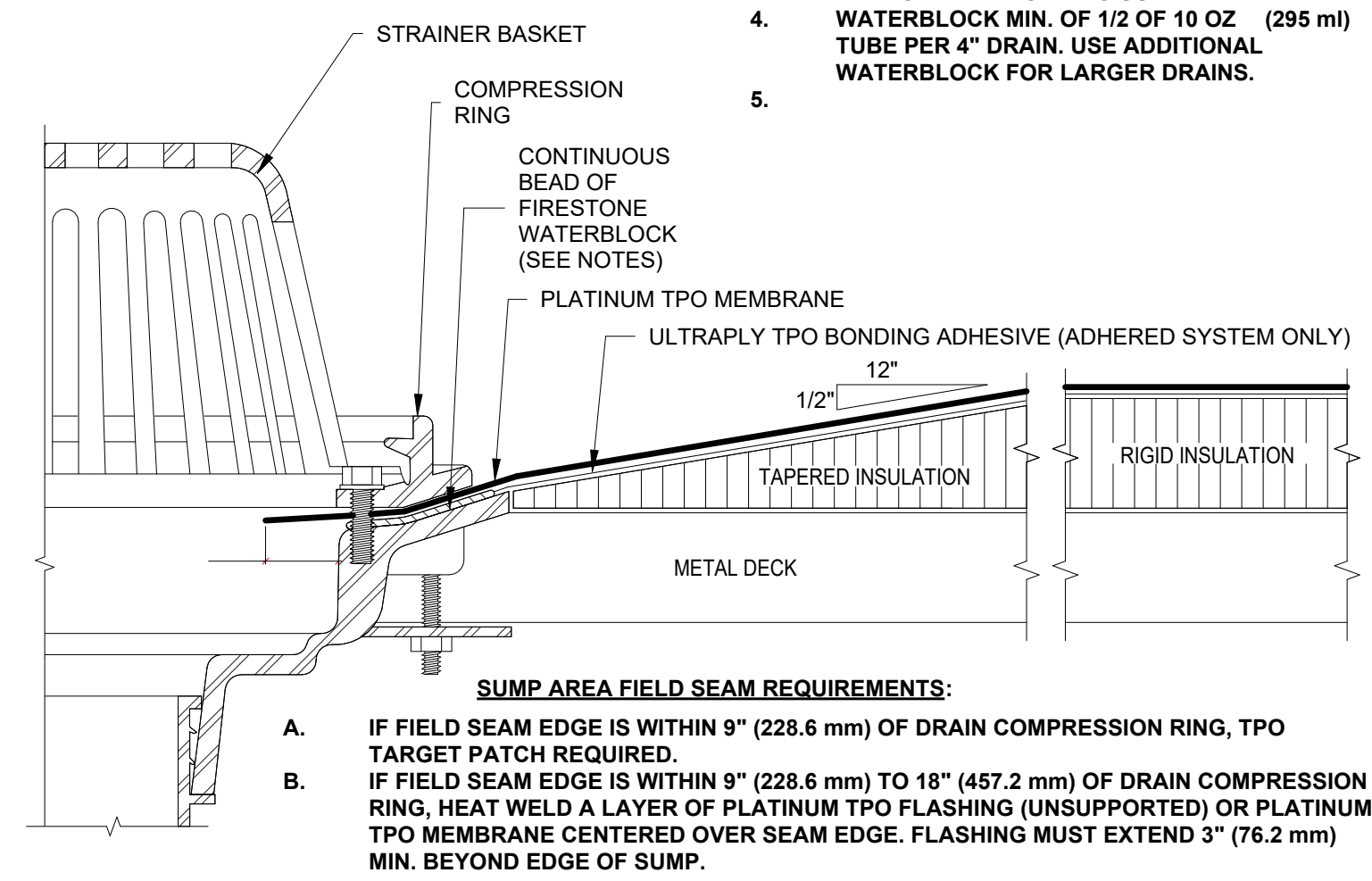
- ROOF PLAN NOTES**
- COORDINATE ROOF SLOPES WITH TRUSS MANUFACTURER.
 - PROVIDE ROOF FLASHING AS REQUIRED. ALL FLASHING AND BOOTS TO BE PREMOLDED.
 - PROVIDE WALL CAPS AND EDGE FLASHING SPECIFIED BY ROOFING WARRANTY
 - PROVIDE WALKING PADS AT ALL EQUIPMENT ON ROOF.
 - PROVIDE FULLY ADHERED ROOF SYSTEM.
 - ALL DOWNSPOUTS TO THE GROUND TO CONNECT TO CIVIL STORM WATER SYSTEM, UNLESS OTHERWISE NOTED. COORDINATE WITH CIVIL AS REQUIRED.
 - SEE PLUMBING FOR ALL STORM DRAIN PIPE.

SEE ROOF PLAN FOR SLOPE, TYP.



- NOTES:
- REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
 - POURABLE SEALER MOUNDED TO SHED WATER (MINIMUM DEPTH OF 2" (50.8 mm), REMAINDER OF POCKET MAY BE FILLED WITH A NON-SHRINKING GROUT.
 - DO NOT USE OVER EXISTING PENETRATION POCKETS. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 160° F. REFER TO UT-P-6 & 7. IF FIELD MEMBRANE IS CUT FOR INSTALLATION, THE MEMBRANE MUST BE REPAIRED WITH TPO MEMBRANE PRIOR TO INSTALLATION OF THE PENETRATION POCKET.
 - MEMBRANE MUST BE INSTALLED WITHIN 1/2" (12.7 mm) OF PENETRATION.

SEE ROOF PLAN FOR SLOPE, TYP.

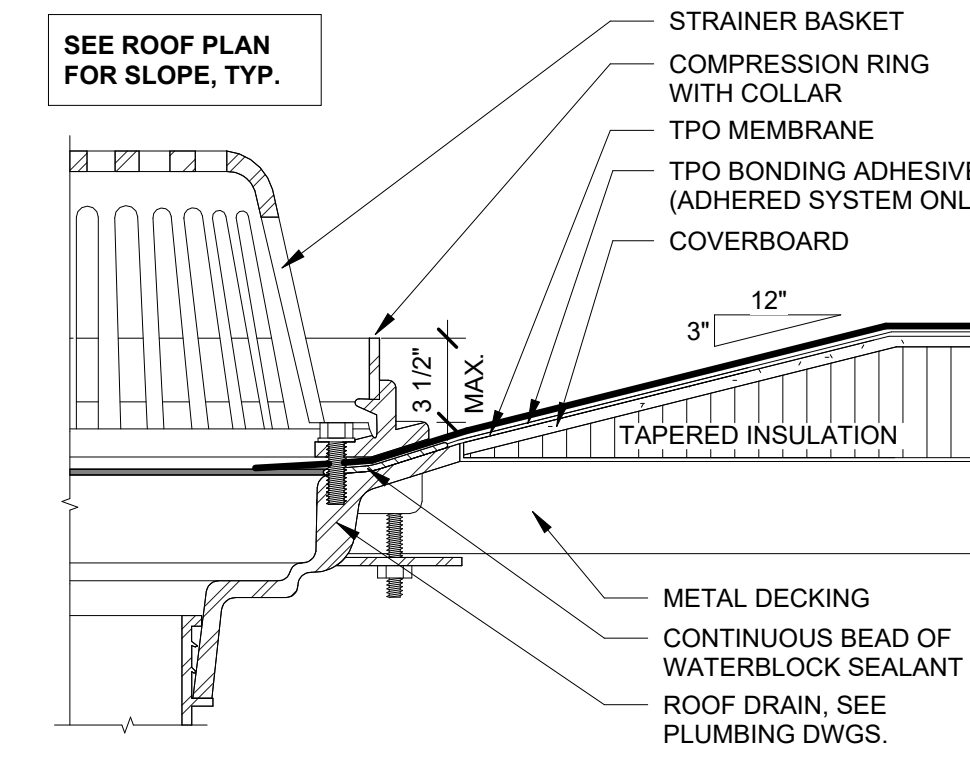


- NOTES:
- HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2" (12.7 mm) BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE.
 - INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE INSULATION WITH APPROPRIATE BONDING SURFACE.
 - WATERBLOCK MIN. OF 1/2 OF 10 OZ (295 ml) TUBE PER 4" DRAIN. USE ADDITIONAL WATERBLOCK FOR LARGER DRAINS.

SUMP AREA FIELD SEAM REQUIREMENTS:

- IF FIELD SEAM EDGE IS WITHIN 9" (228.6 mm) OF DRAIN COMPRESSION RING, TPO TARGET PATCH REQUIRED.
- IF FIELD SEAM EDGE IS WITHIN 9" (228.6 mm) TO 18" (457.2 mm) OF DRAIN COMPRESSION RING, HEAT WELD A LAYER OF PLATINUM TPO FLASHING (UNSUPPORTED) OR PLATINUM TPO MEMBRANE CENTERED OVER SEAM EDGE. FLASHING MUST EXTEND 3" (76.2 mm) MIN. BEYOND EDGE OF SUMP.

SEE ROOF PLAN FOR SLOPE, TYP.



ROOF MEMBRANE DETAIL ROOF DRAIN OVERFLOW

A4.11 1 1/2" = 1'-0"

1 ROOF MEMBRANE DETAIL PENETRATION

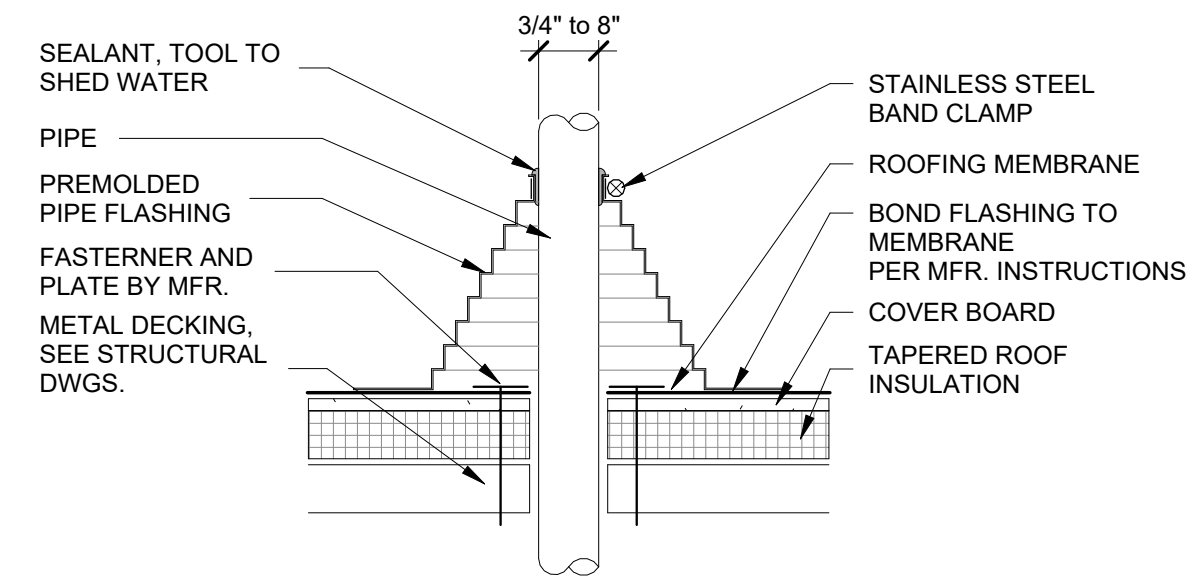
A4.11 NOT TO SCALE

2 ROOF MEMBRANE DETAIL ROOF DRAIN

A4.11 NOT TO SCALE

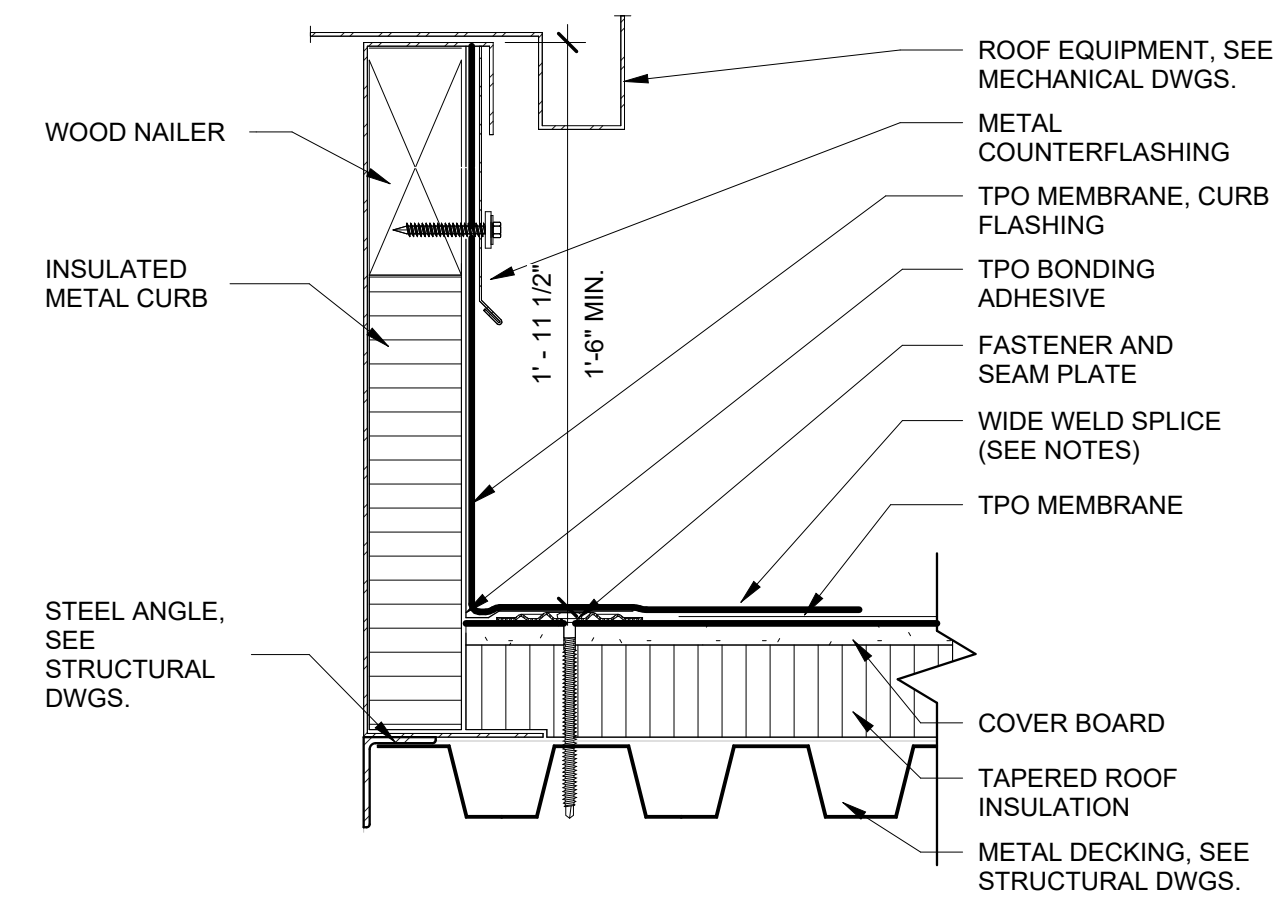
4 ROOF MEMBRANE DETAIL PIPE PENETRATION

A4.11 1 1/2" = 1'-0"



5 ROOF EQUIPMENT CURB

A4.11 1 1/2" = 1'-0"



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SHEET TITLE
ROOF DETAILS - PENETRATIONS

PROJECT NO. 21091	DATE 06/21/2024
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- NOTES:
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - REFER TO DETAILS FOR SPECIFIC SUBSTRATES & ADDITIONAL INFORMATION REGARDING CONSTRUCTION

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SHEET TITLE
**ROOF DETAILS -
EXPANSION JOINT**

PROJECT NO.
21091

DATE
06/21/2024

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STAFF

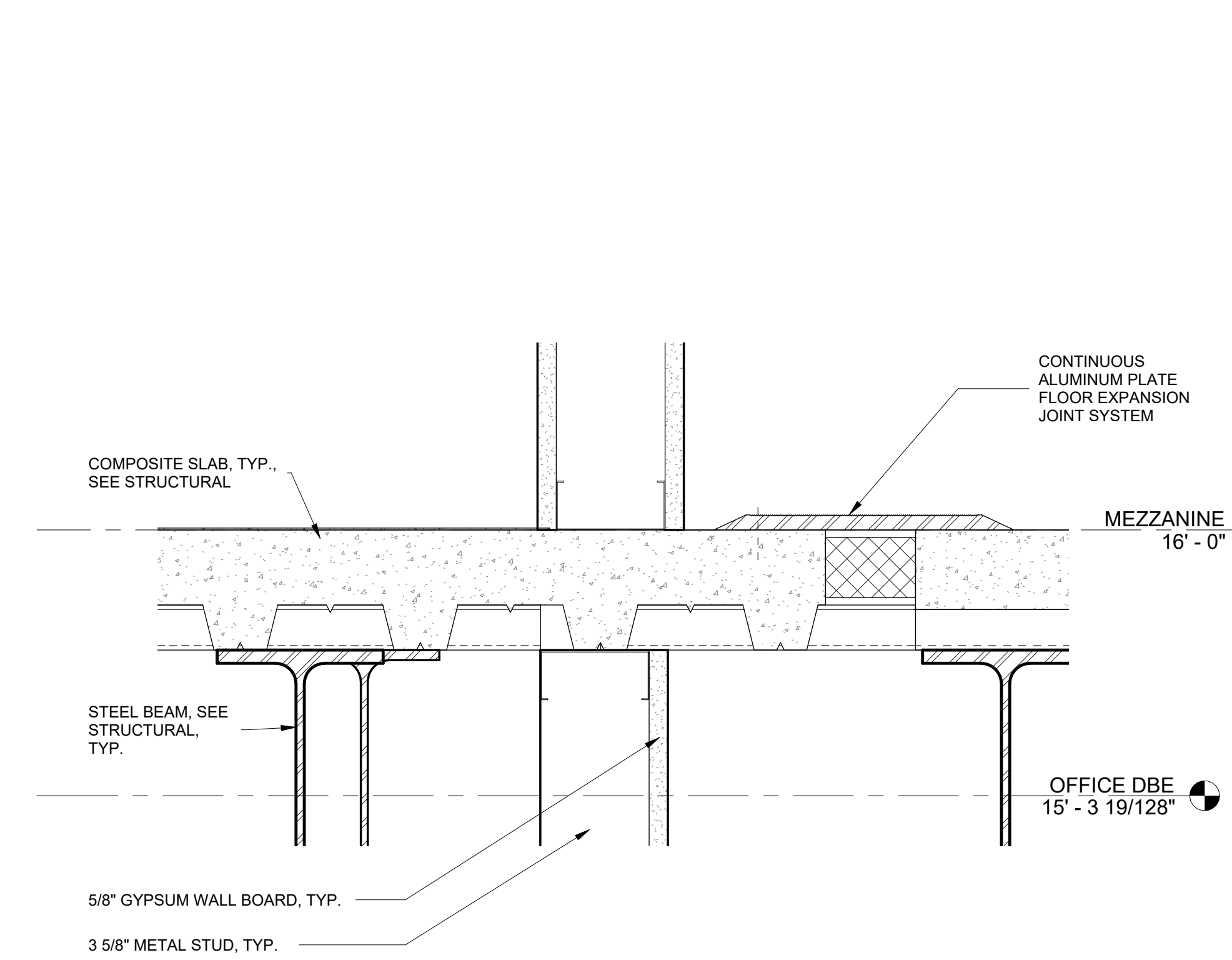
SCALE
3" = 1'-0"

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NR

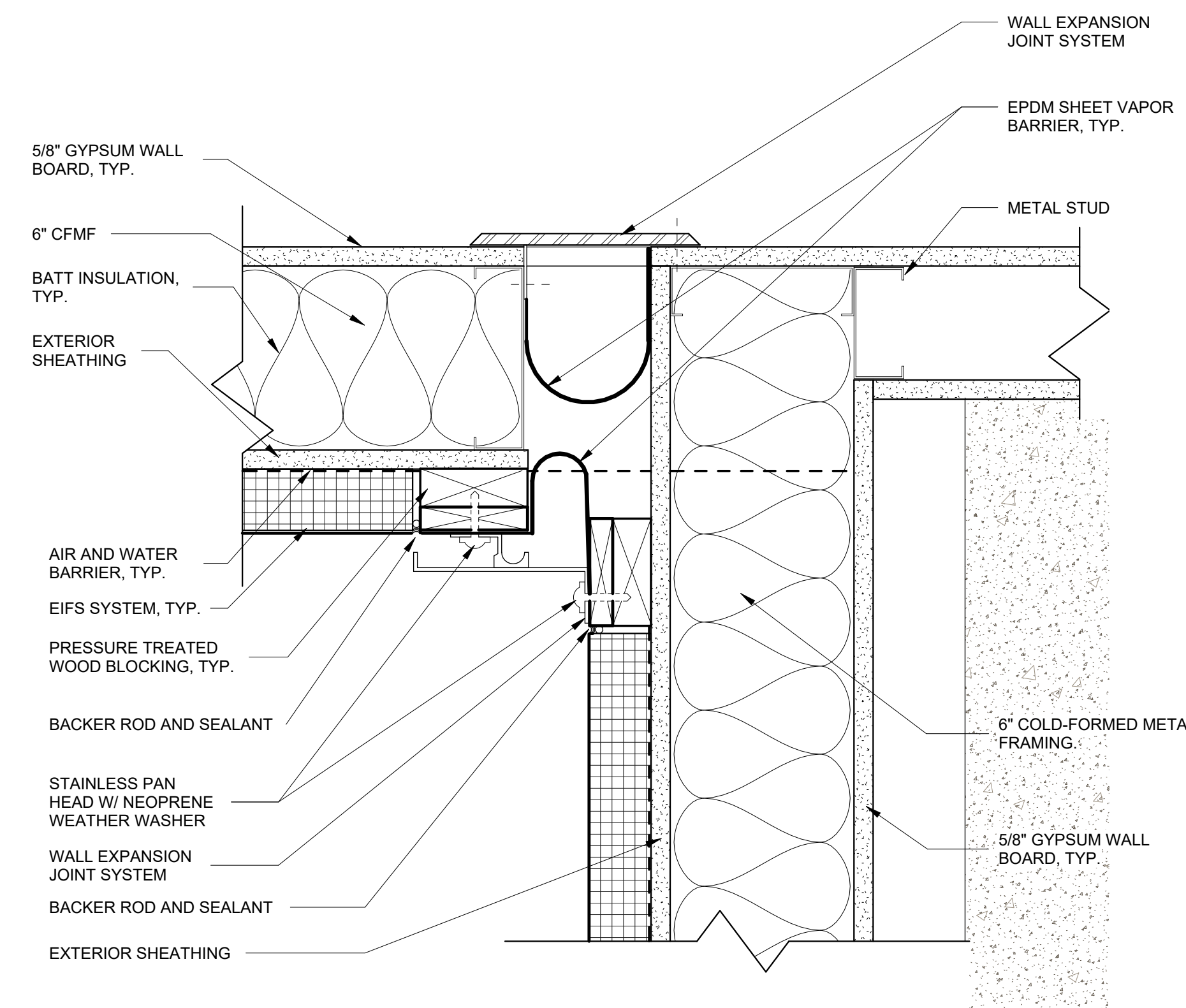
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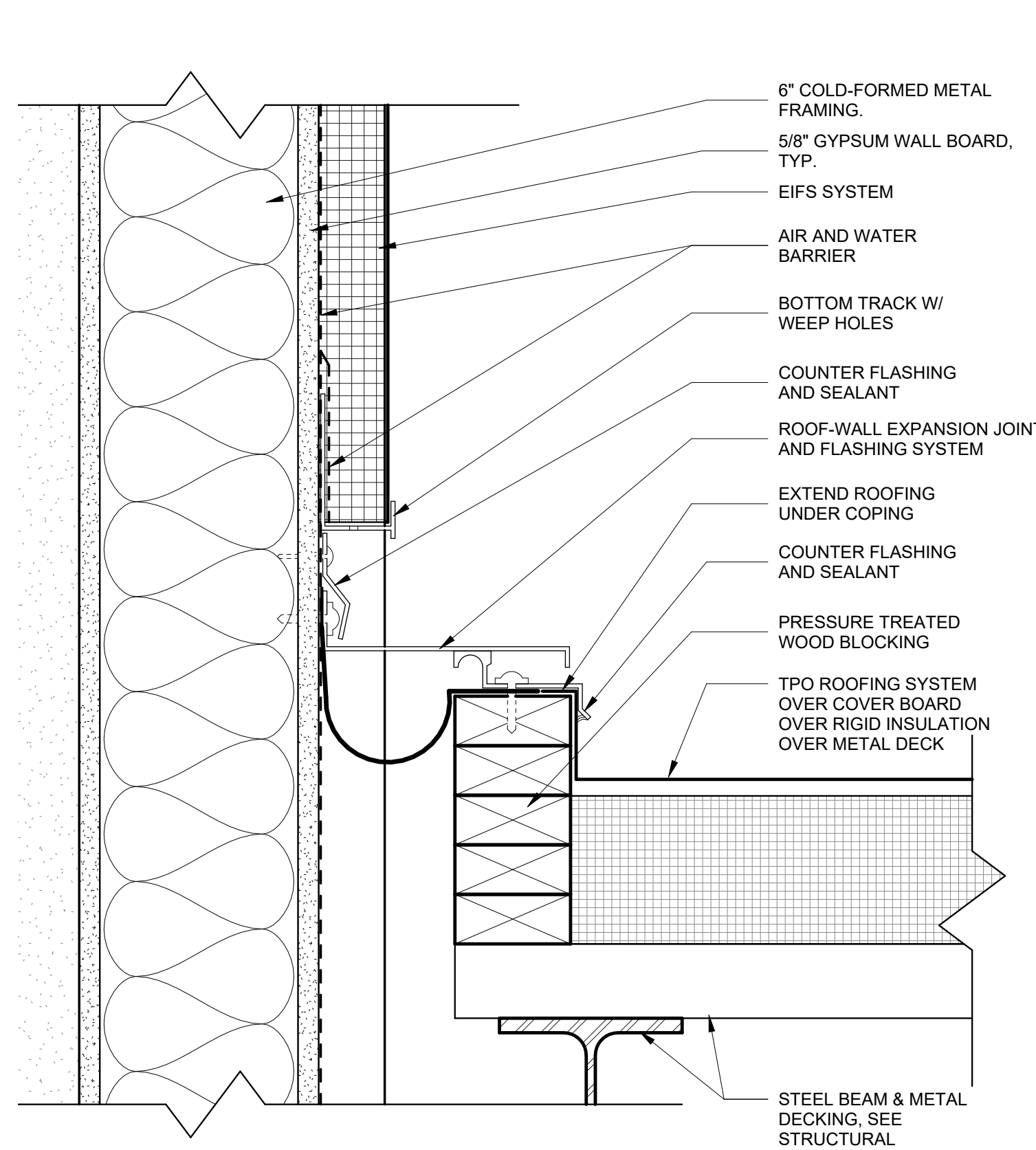
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3 FLOOR-FLOOR EXPANSION JOINT
A4.12 3" = 1'-0"



2 WALL-WALL EXPANSION JOINT DETAIL
A4.12 3" = 1'-0"



1 ROOF- WALL EXPANSION JOINT DETAIL
A4.12 3" = 1'-0"

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SHEET TITLE
ROOF LADDERS

PROJECT NO.
21091

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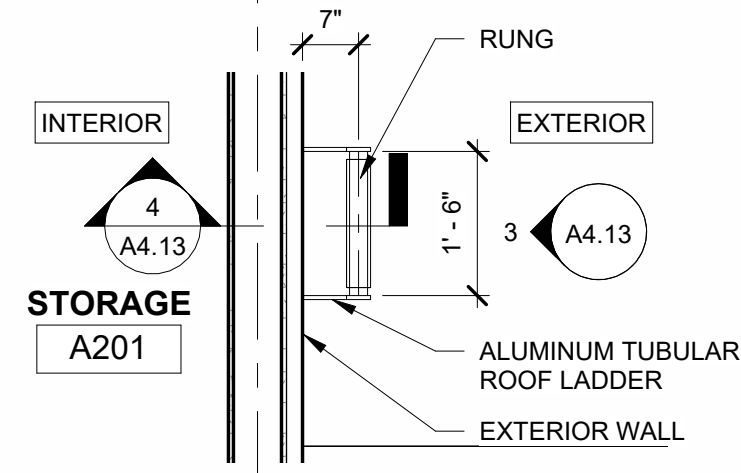
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SCALE
1/2" = 1'-0"

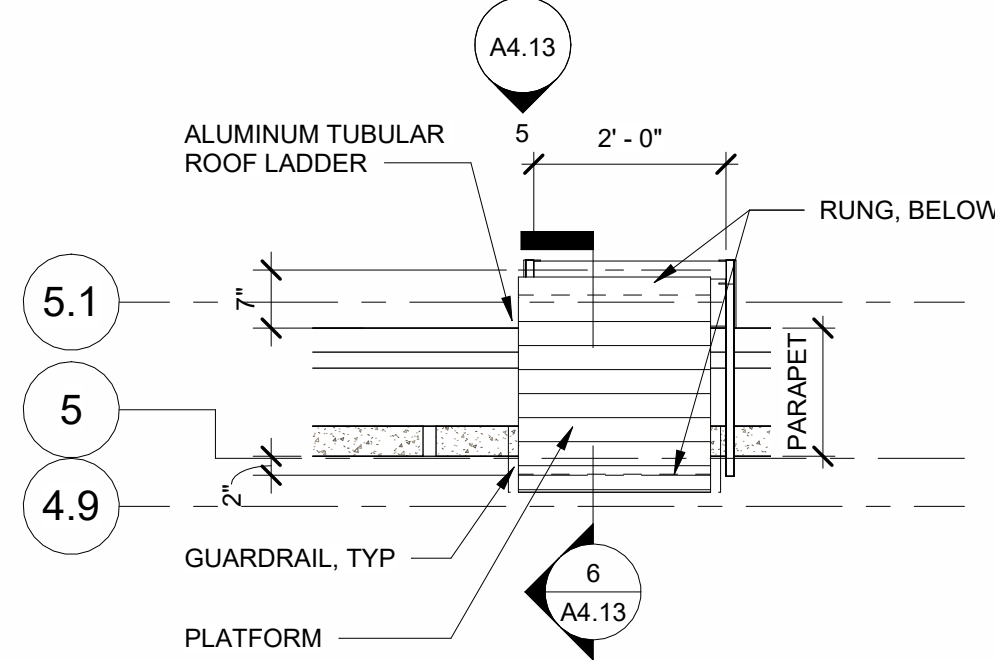
A4.13

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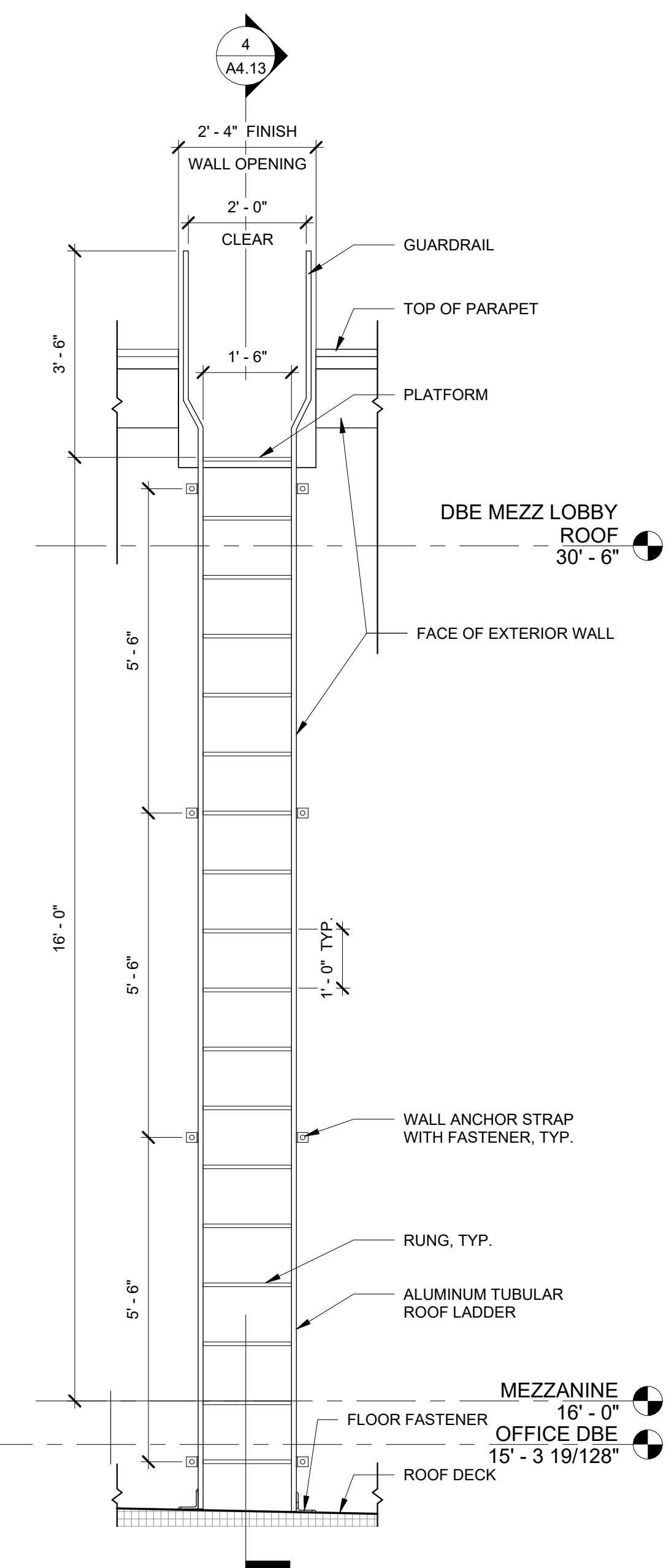
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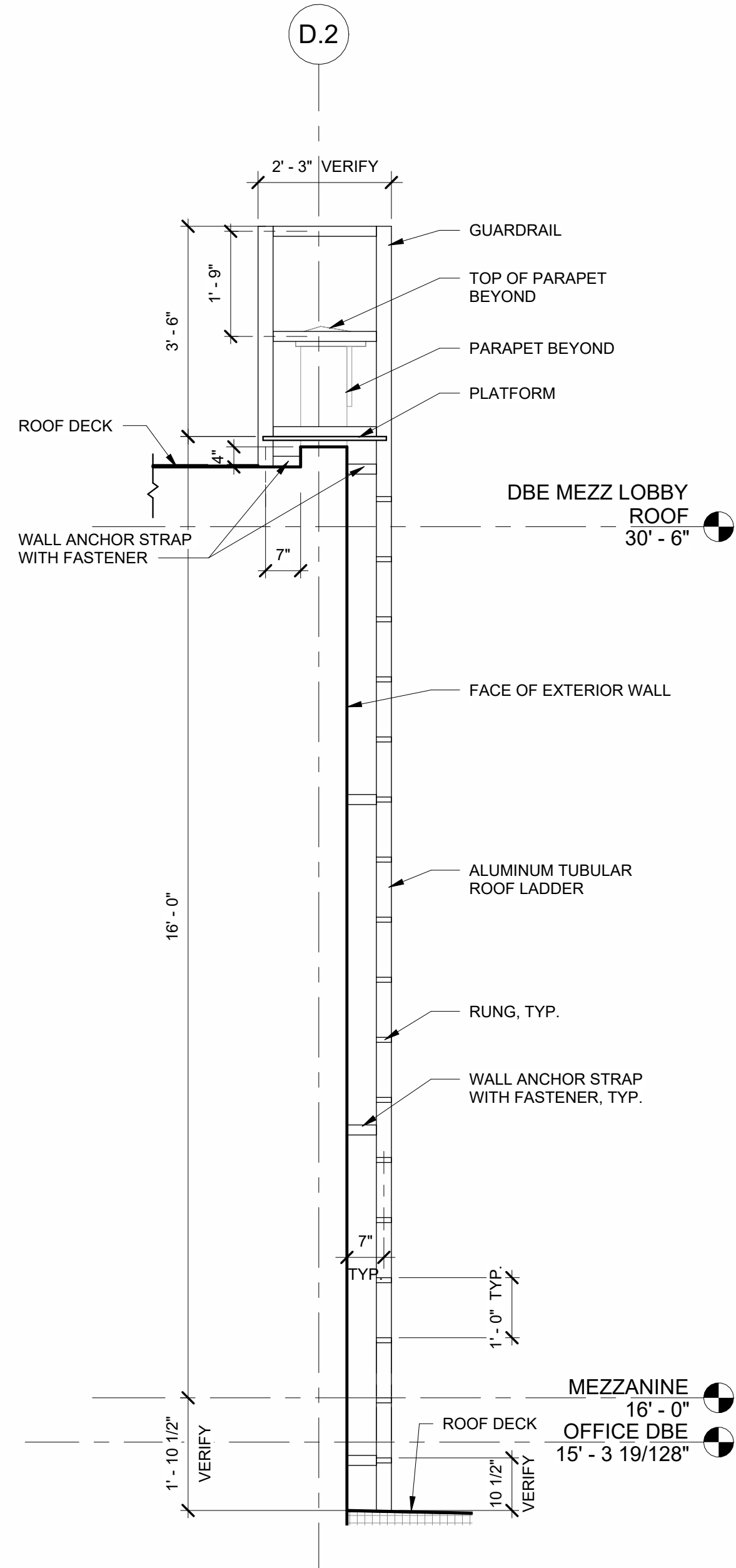
1 PLAN AT ROOF LADDER 1
A4.13 1/2" = 1'-0"



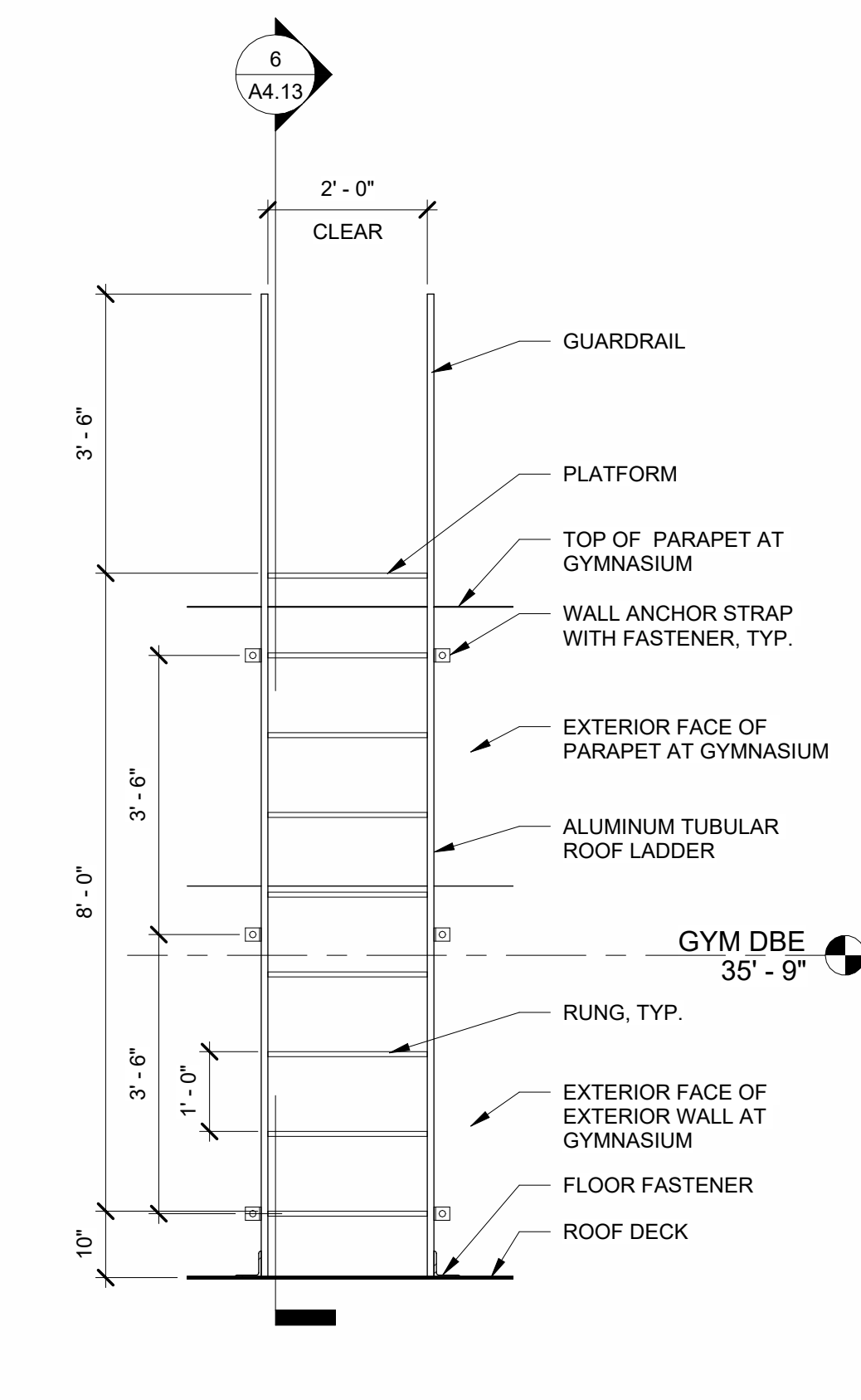
2 PLAN AT ROOF LADDER 2
A4.13 1/2" = 1'-0"



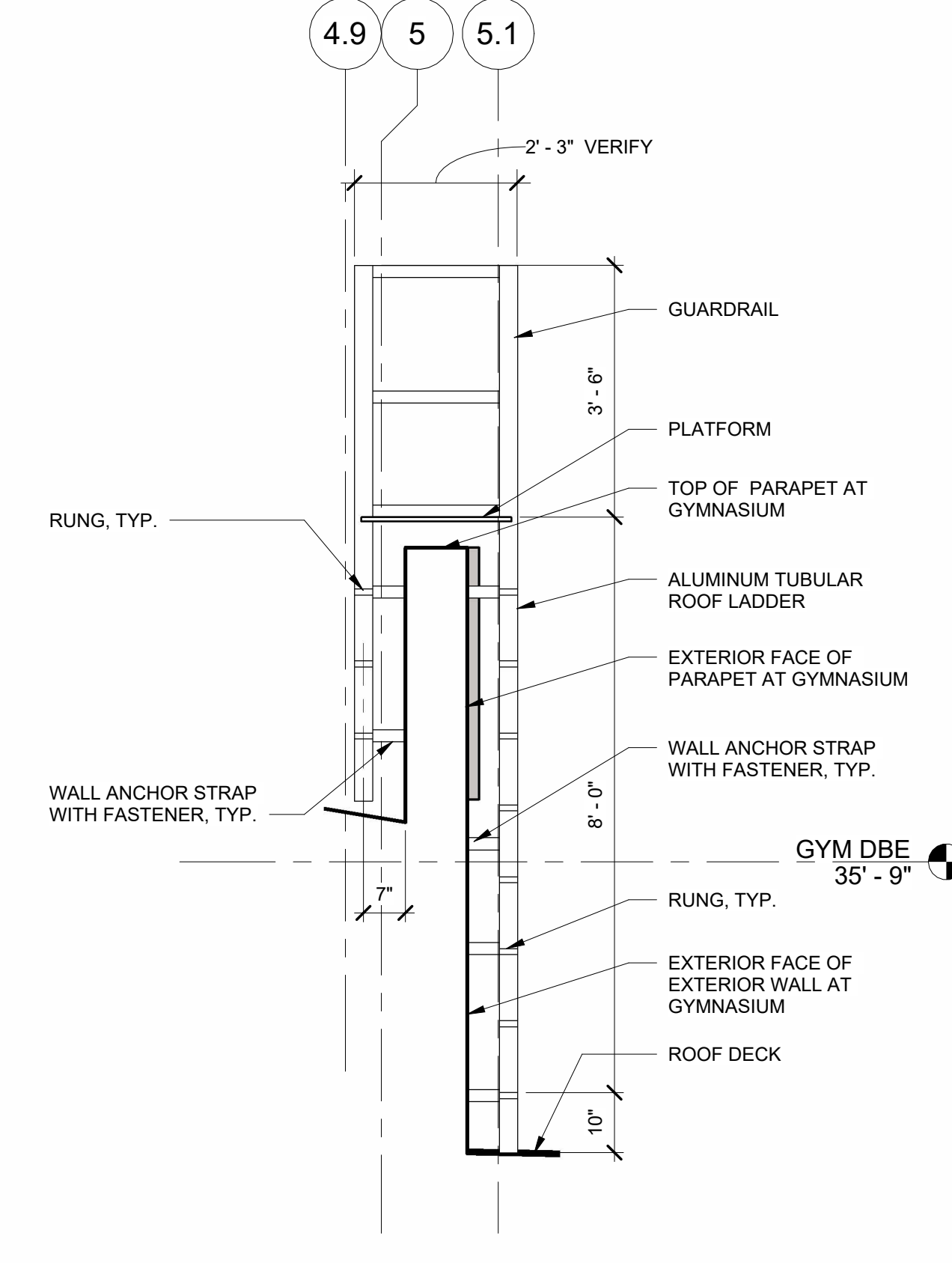
3 ELEVATION AT ROOF LADDER 1
A4.13 1/2" = 1'-0"



4 SECTION AT ROOF LADDER 1
A4.13 1/2" = 1'-0"



5 ELEVATION AT LADDER 2
A4.13 1/2" = 1'-0"



6 SECTION AT LADDER 2
A4.13 1/2" = 1'-0"

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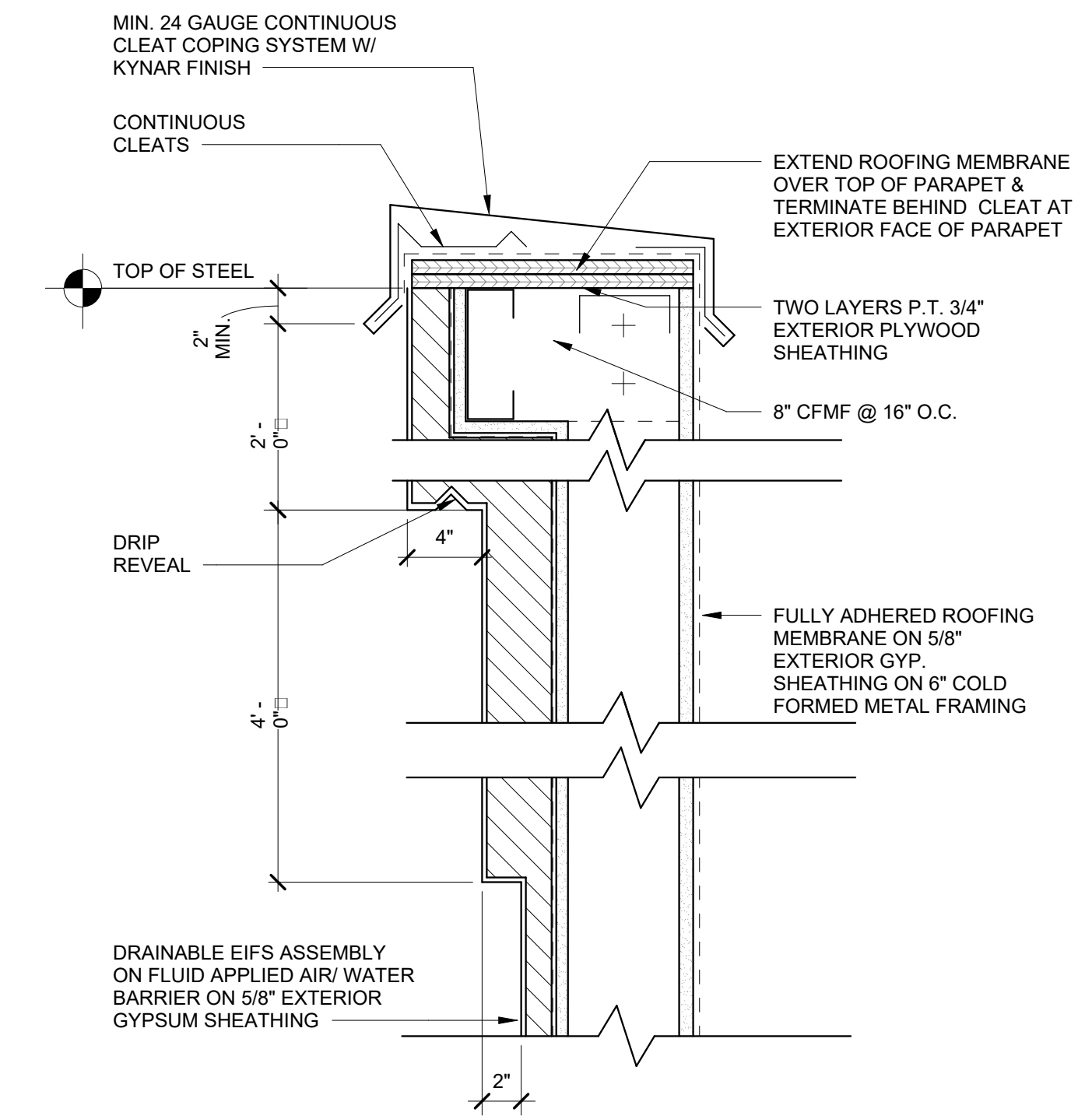
SHEET TITLE

COPING DETAILS

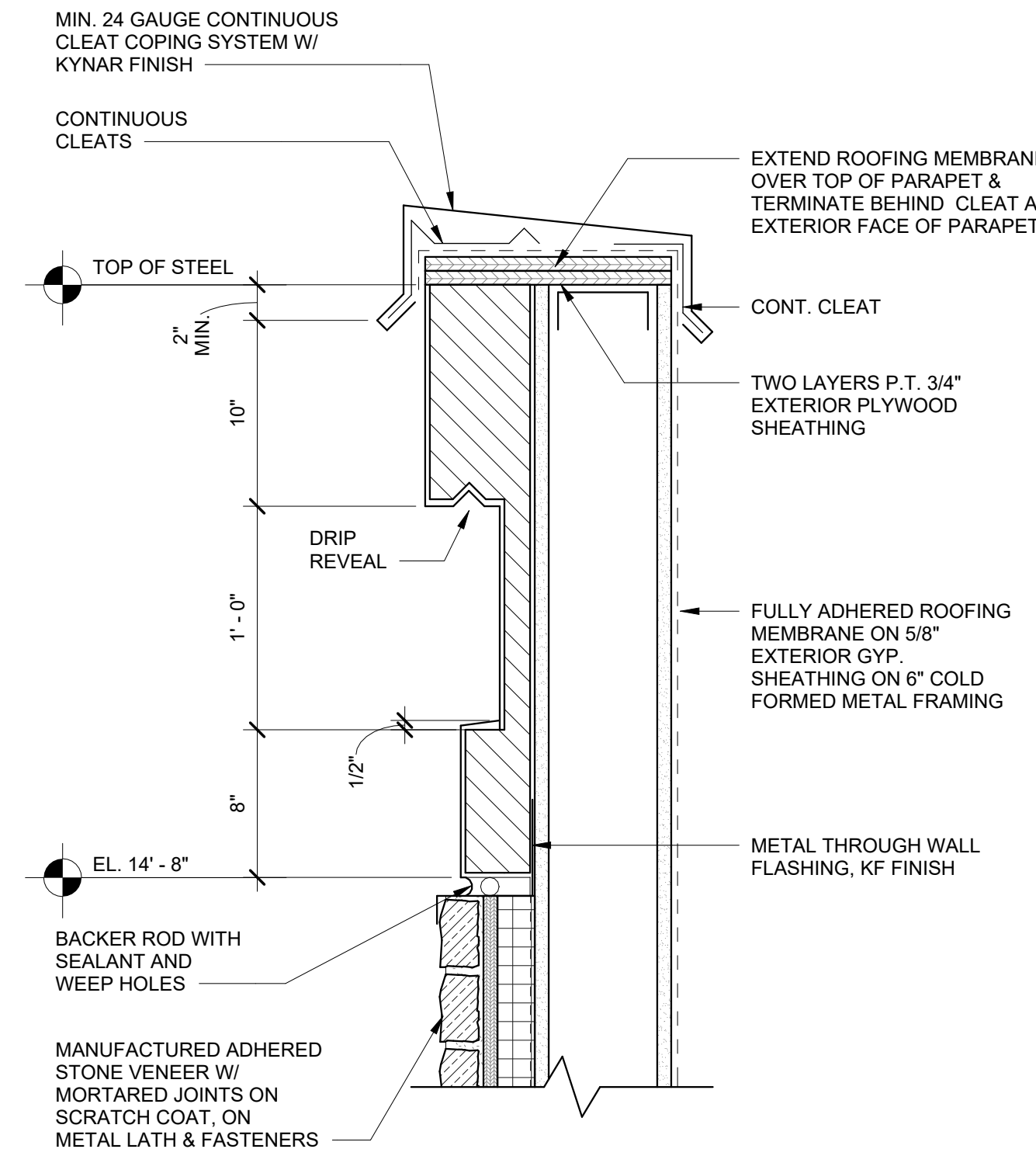
PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **STAFF** SCALE
CHECKED BY **NR** 1 1/2" = 1'-0"
SHEET NO.

A4.14

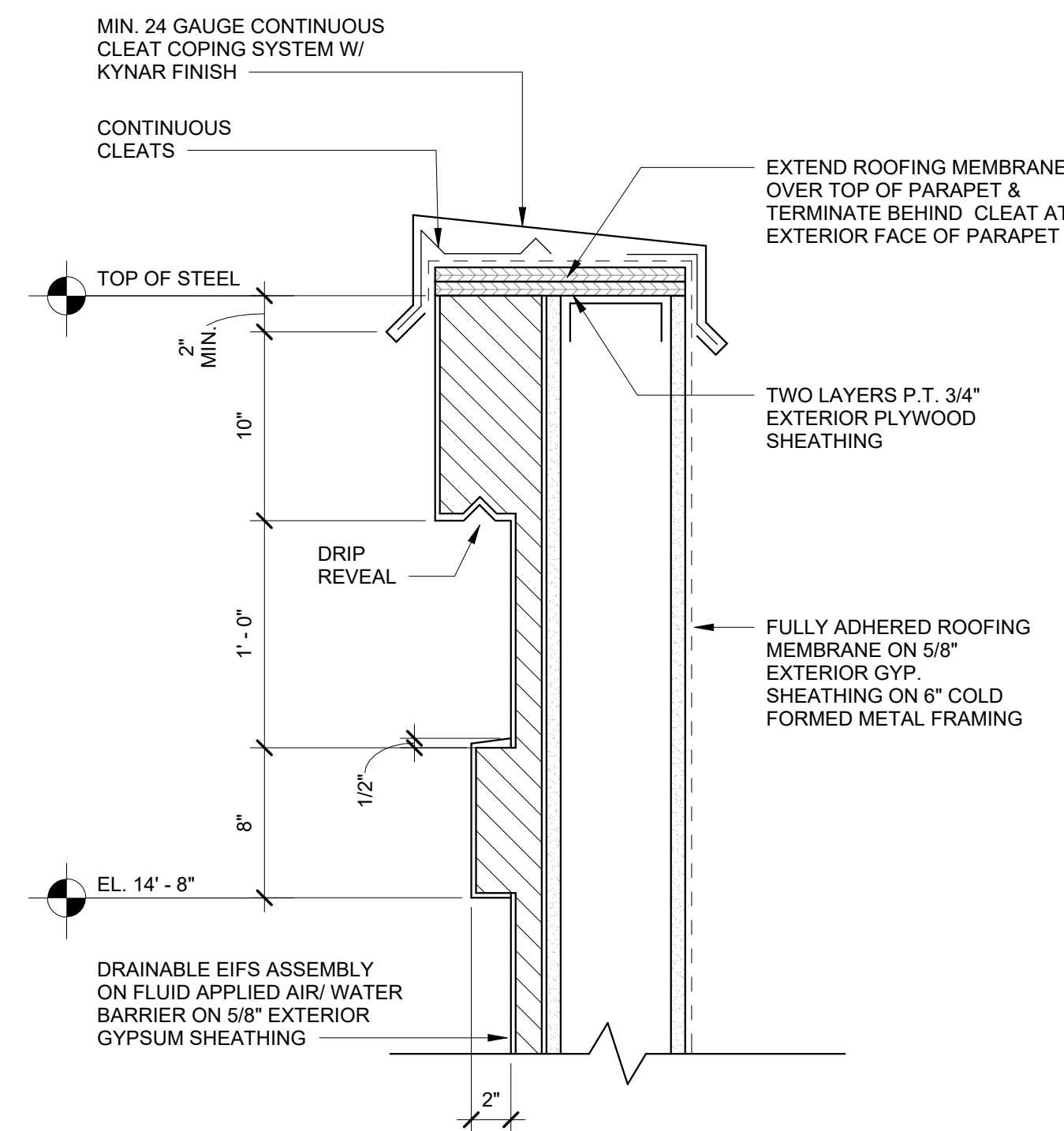
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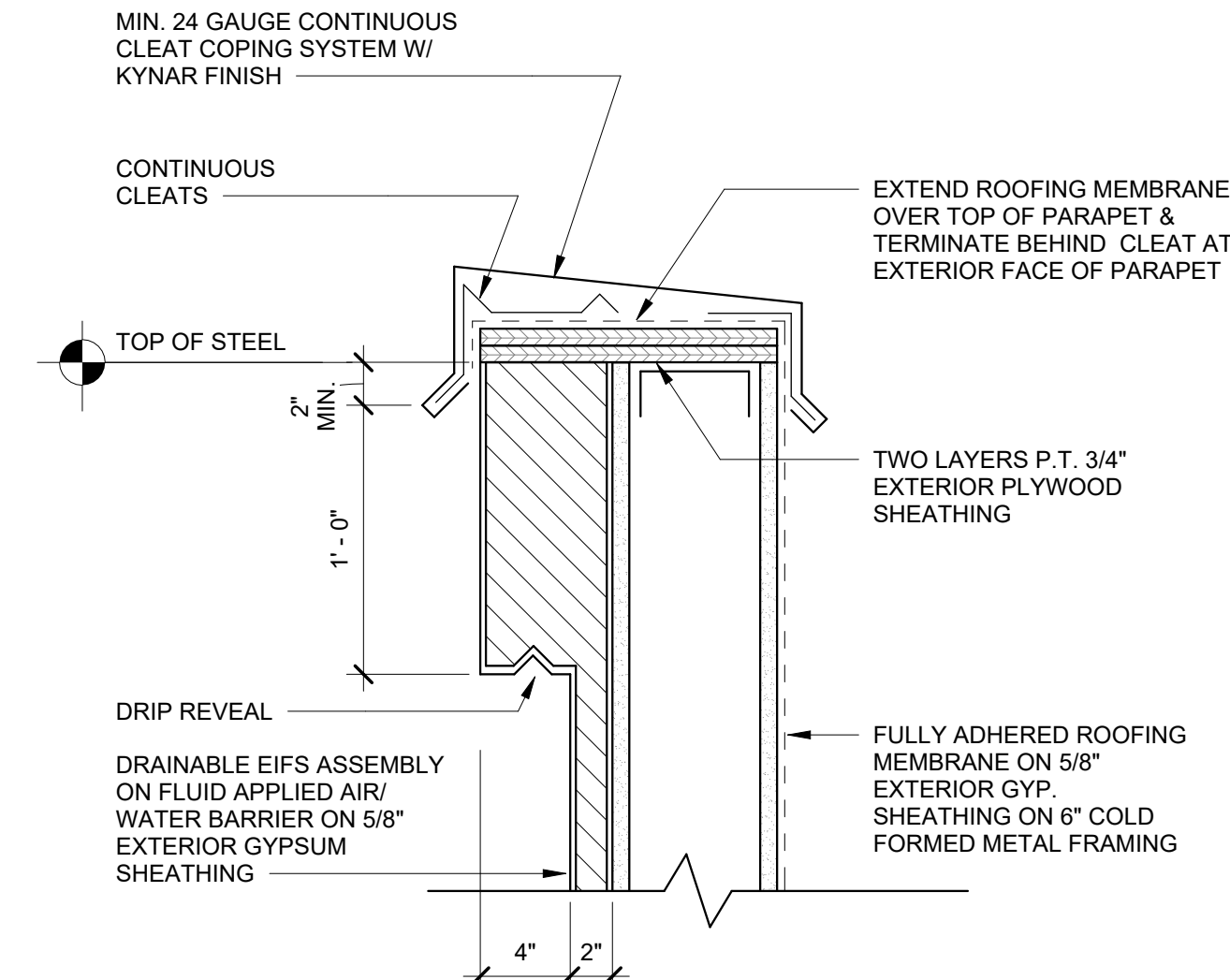
4 METAL COPING DETAIL @ HIGH GYM EIFS CORNICE
A4.14 1 1/2" = 1'-0"



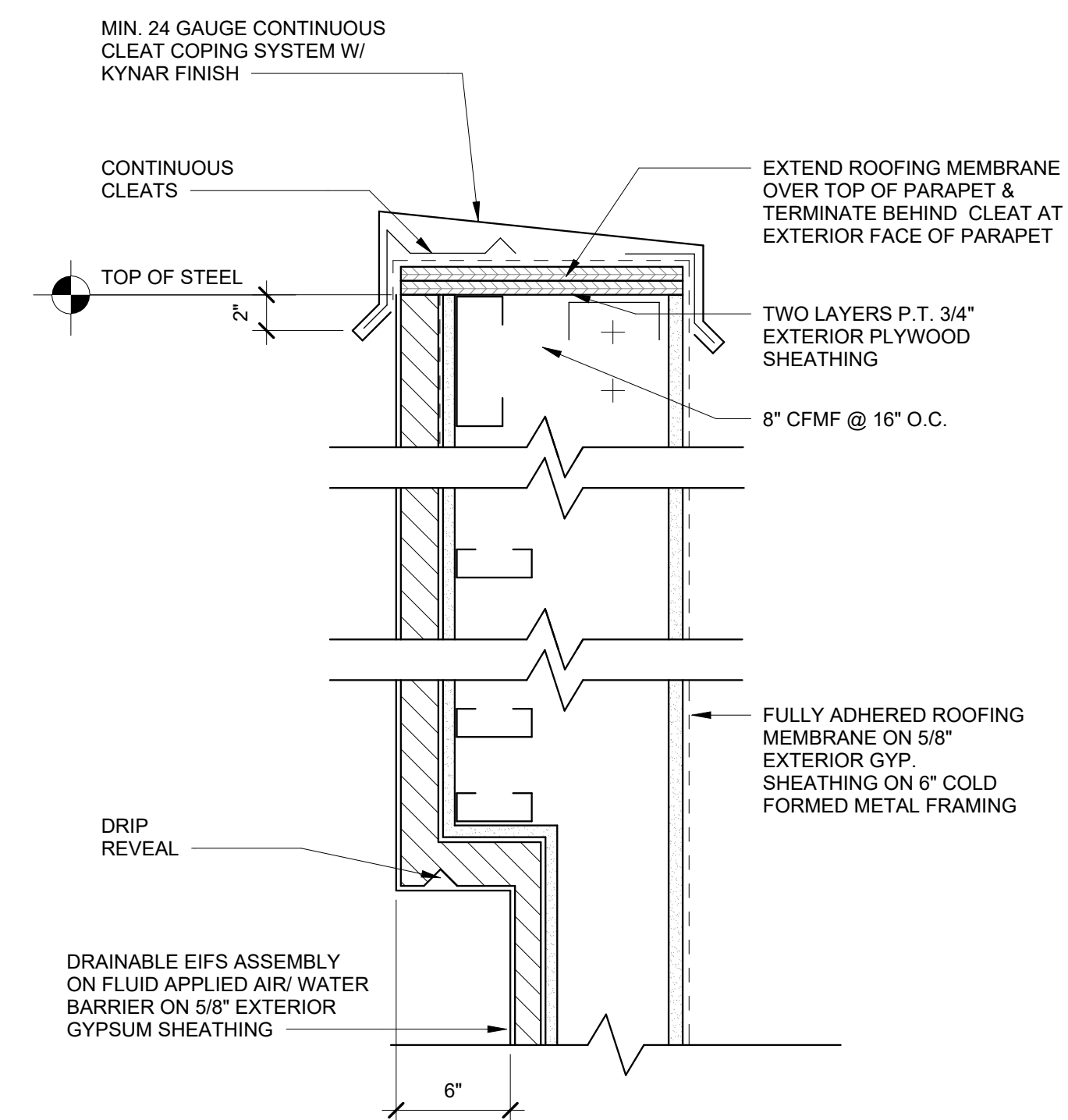
3 EIFS CORNICE DETAIL ABOVE STONE
A4.14 1 1/2" = 1'-0"



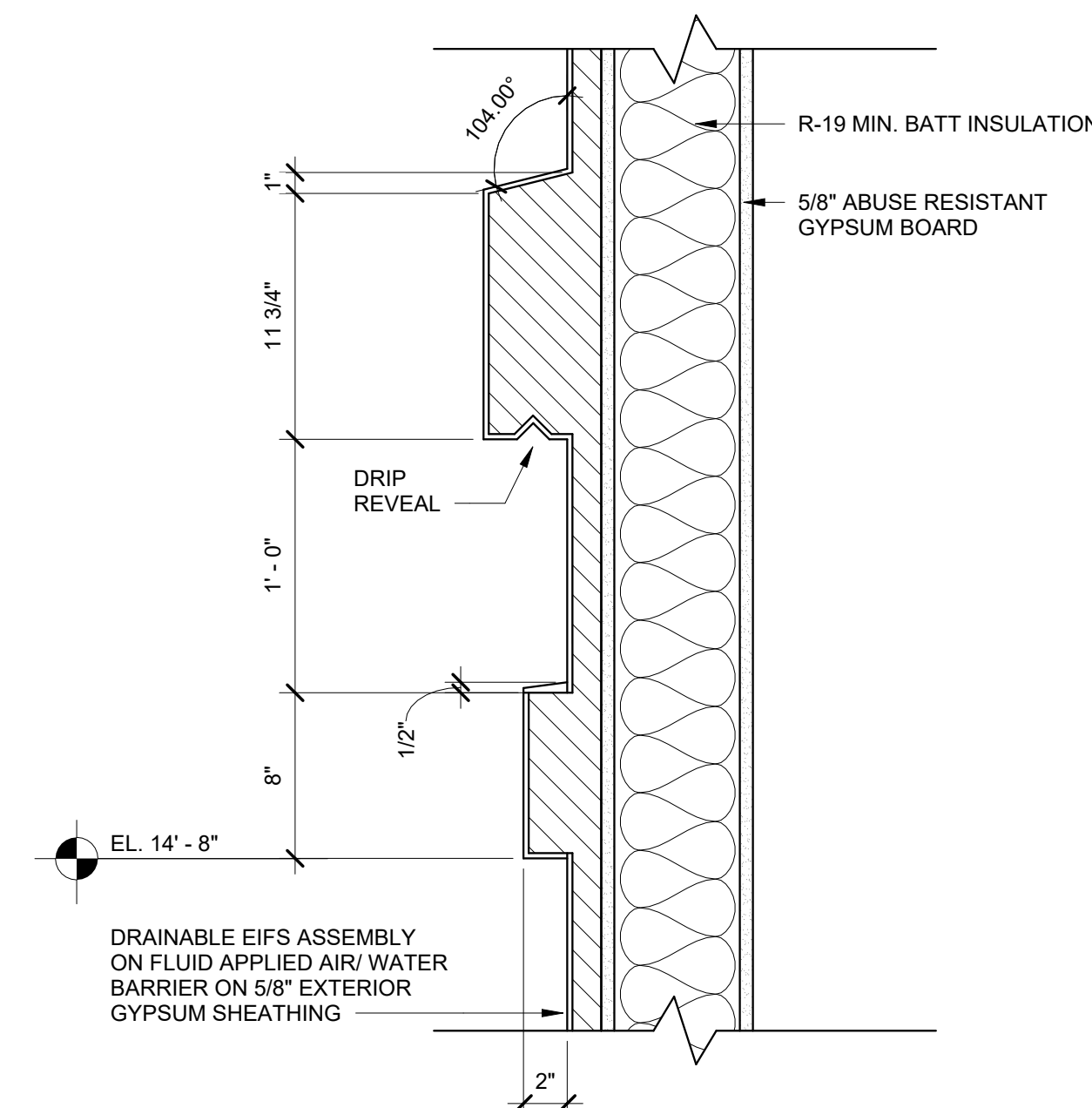
2 METAL COPING DETAIL @ EIFS CORNICE
A4.14 1 1/2" = 1'-0"



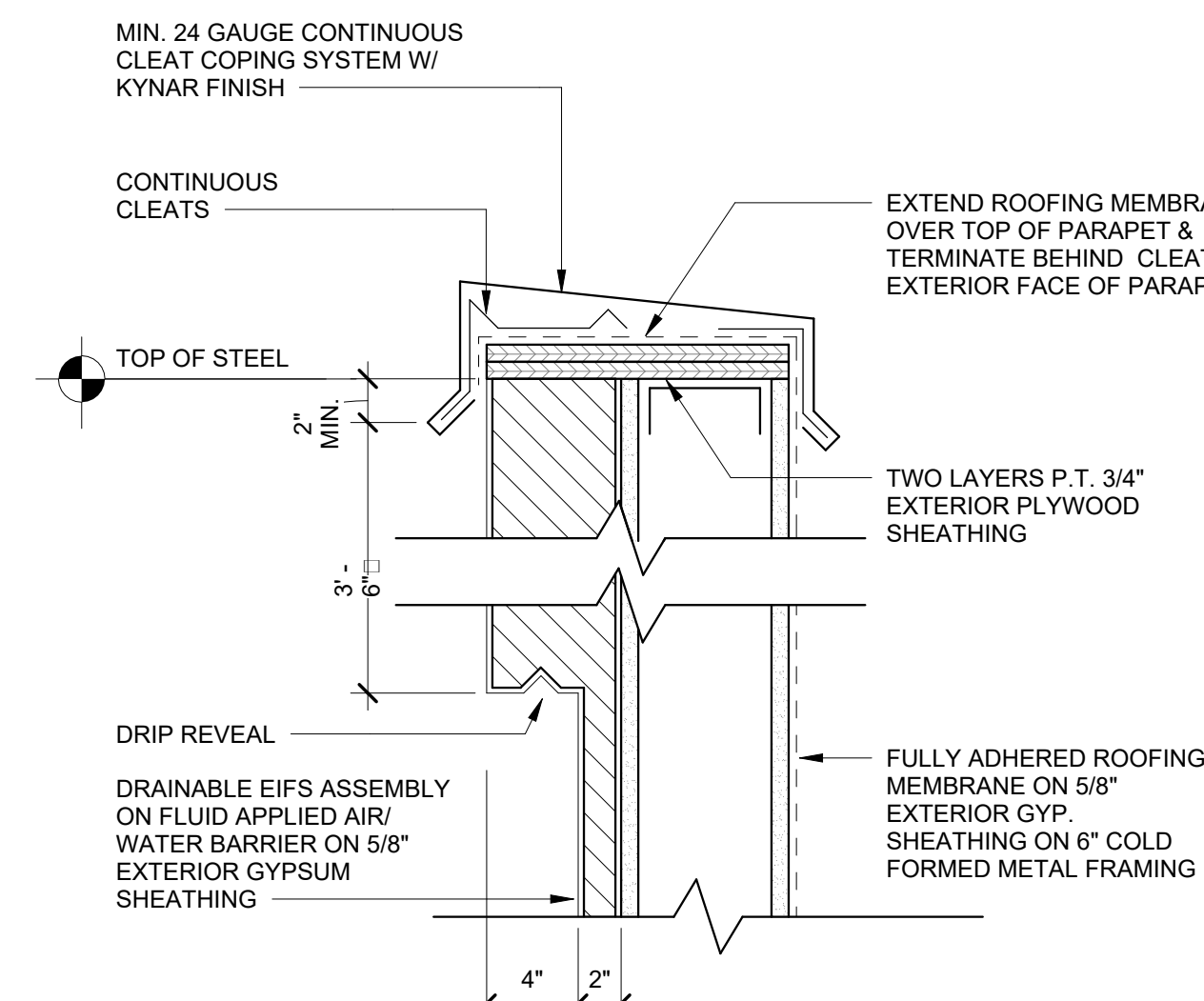
1 METAL COPING DETAIL
A4.14 1 1/2" = 1'-0"



7 CORNICE DETAIL @ HIGH GYM EIFS CORNICE
A4.14 1 1/2" = 1'-0"



6 EIFS BAND DETAIL
A4.14 1 1/2" = 1'-0"



5 METAL COPING DETAIL @ LOW GYM CORNICE
A4.14 1 1/2" = 1'-0"

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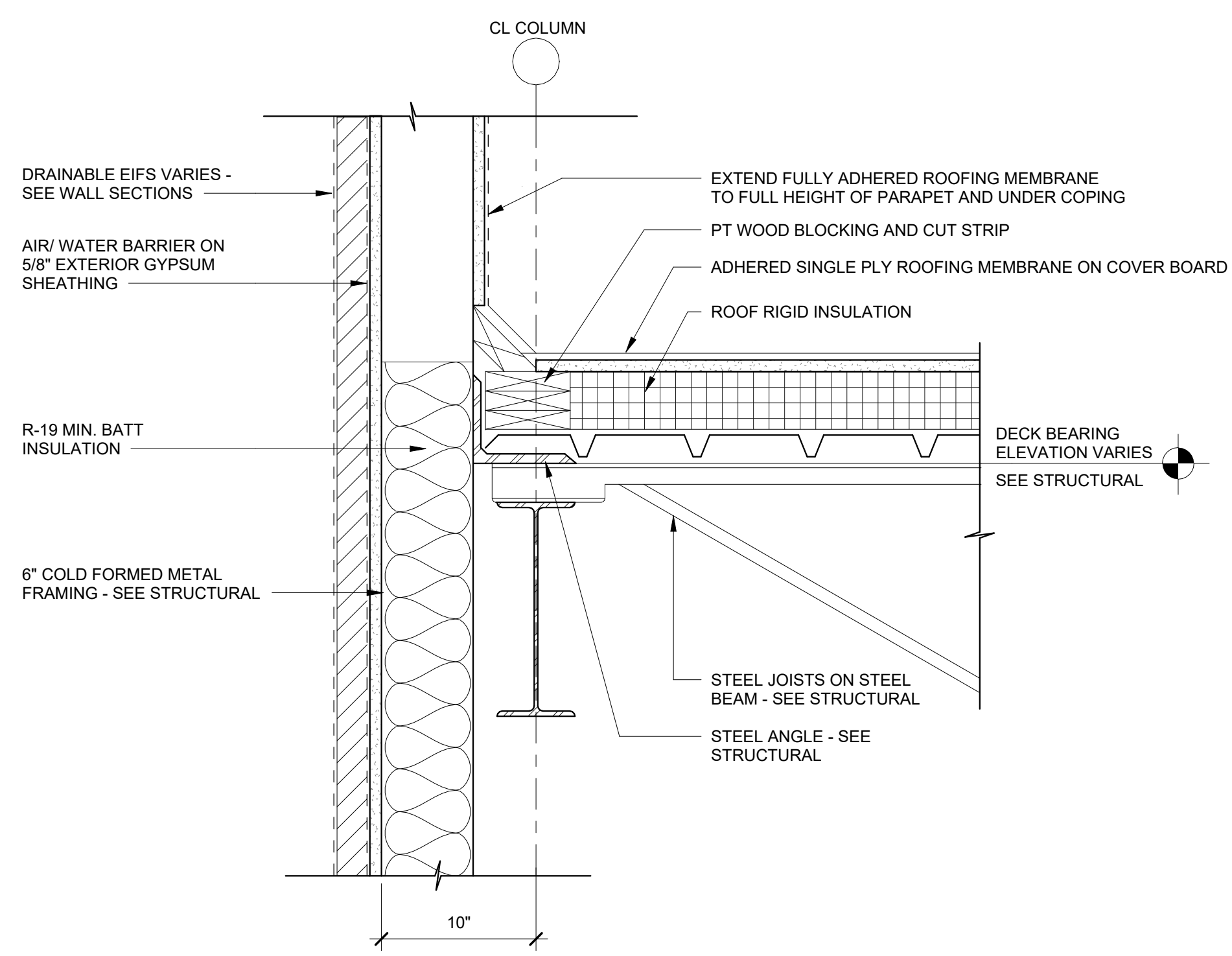
SHEET TITLE

ROOF DETAILS - PERIMETER

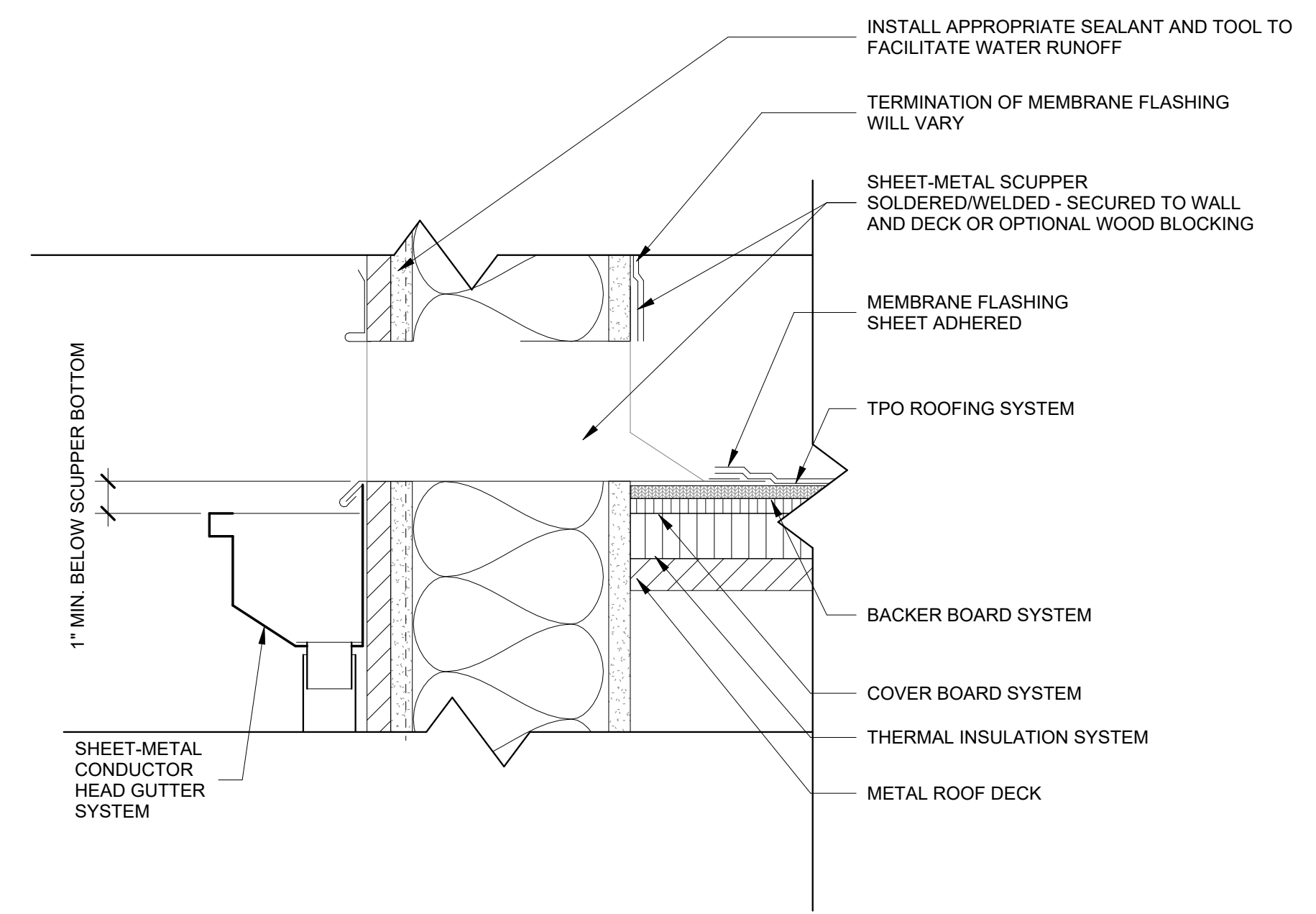
PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO.	

A4.15

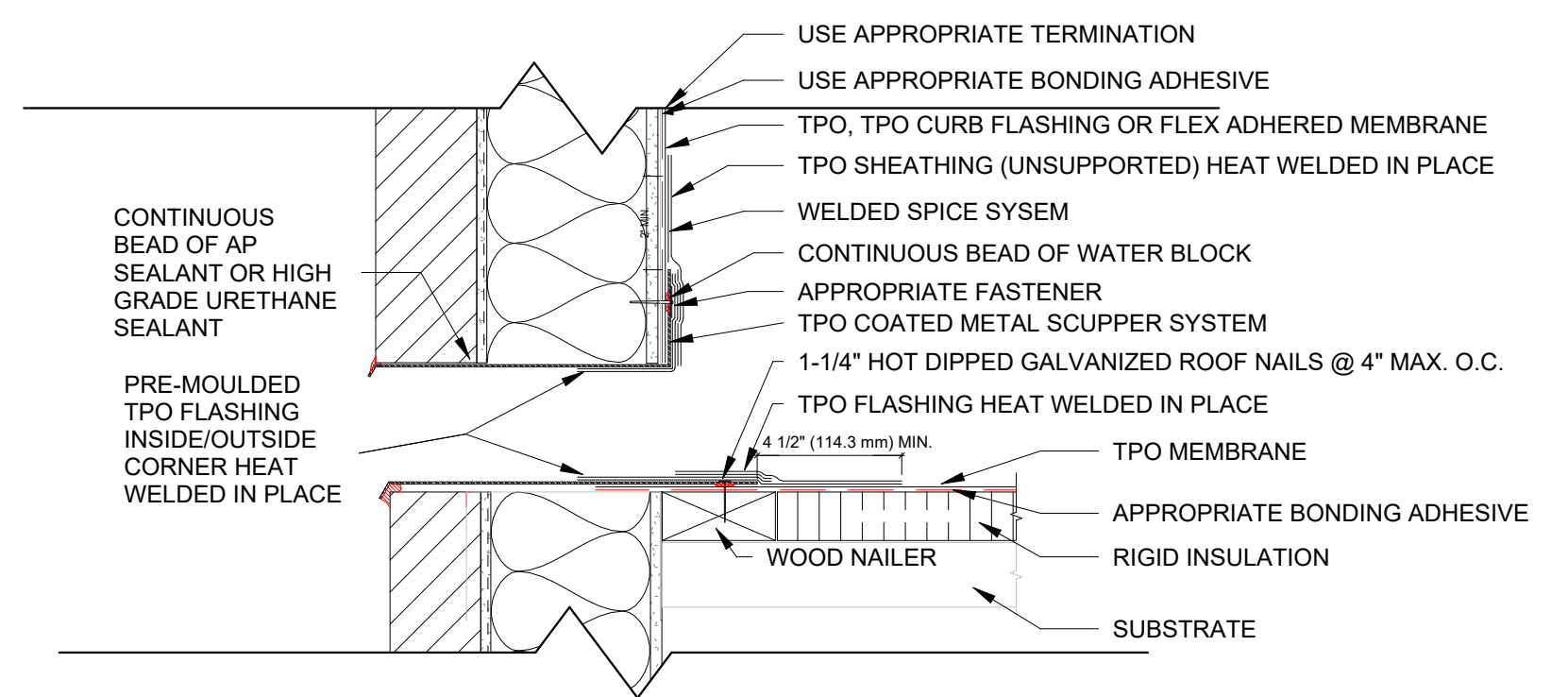
NOT FOR CONSTRUCTION



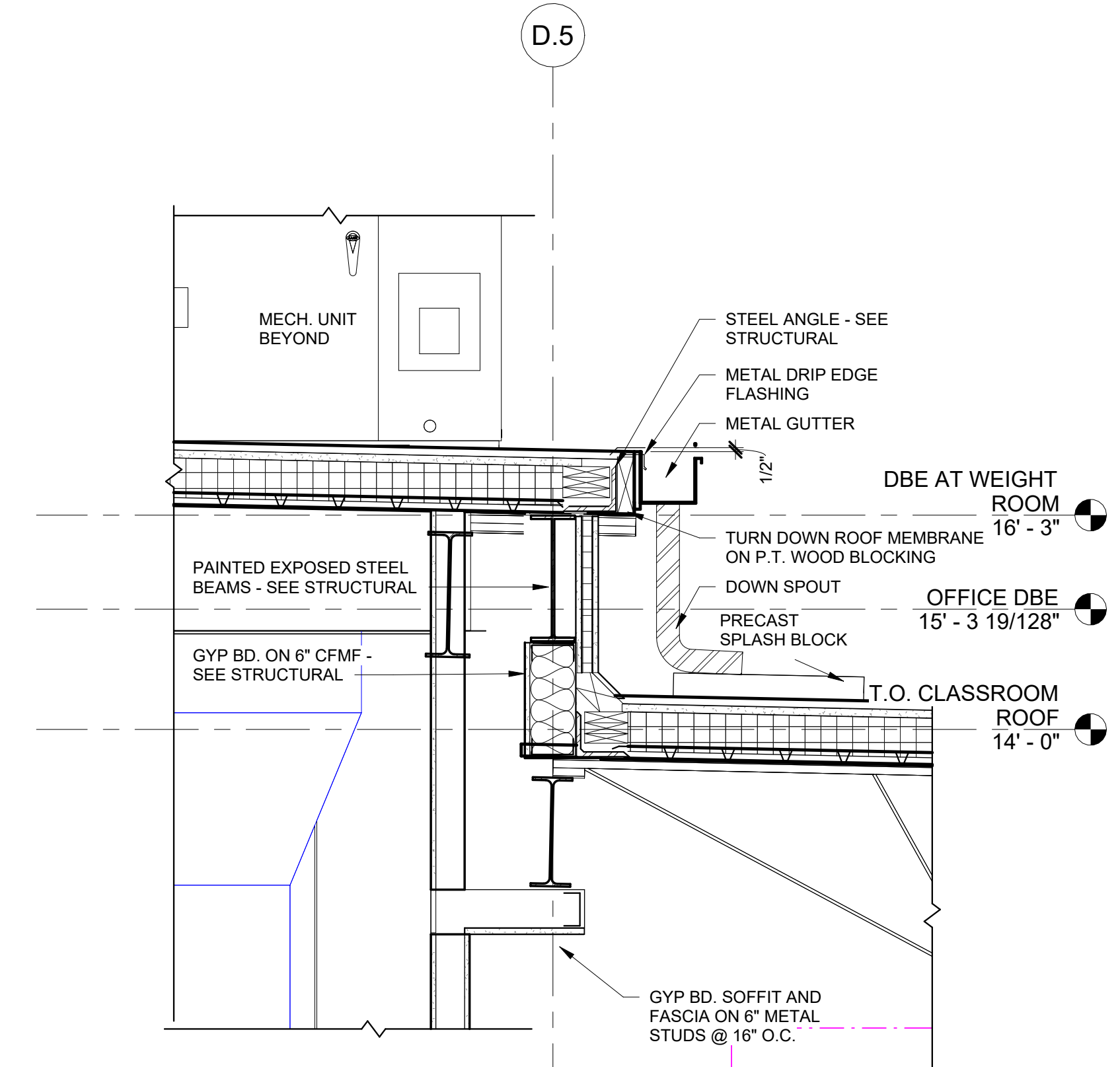
1 ROOF PERIMETER DETAIL TO PARAPET
A4.15 1 1/2" = 1'-0"



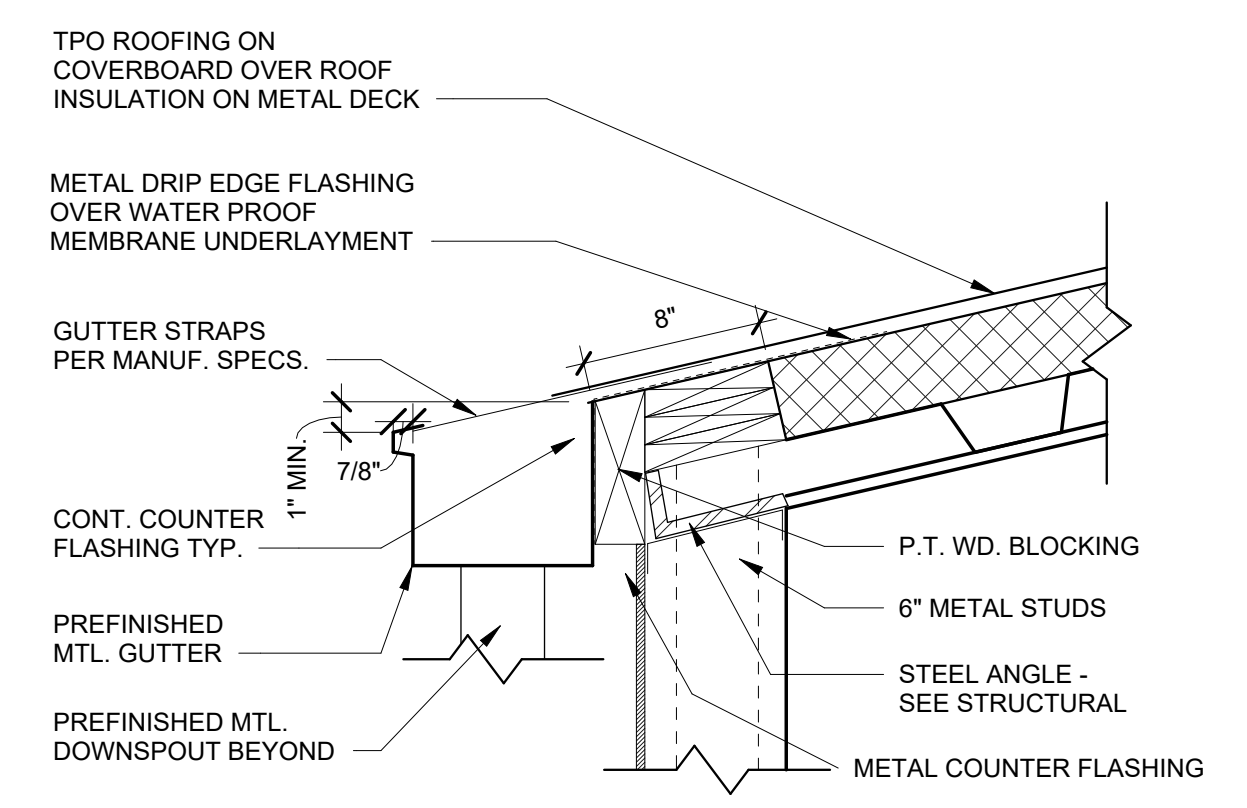
2 CONDUCTOR HEAD DETAIL
A4.15 3" = 1'-0"



3 THROUGH WALL SCUPPER DETAIL
A4.15 NOT TO SCALE



4 ROOF STEP DETAIL @ WEIGHT ROOM
A4.15 3/4" = 1'-0"



5 CONDUCTOR HEAD DETAIL
A4.15 1 1/2" = 1'-0"

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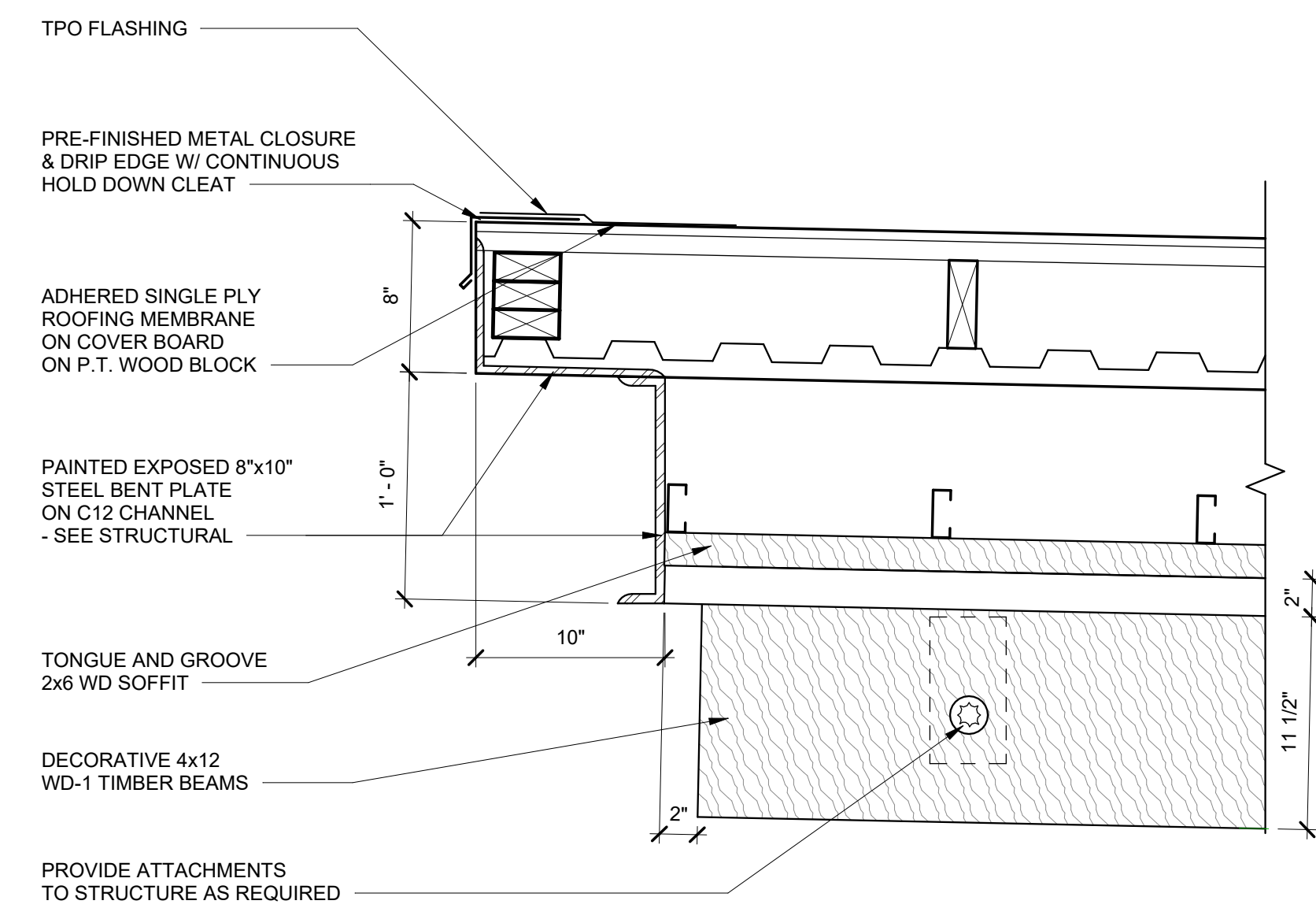
SHEET TITLE
**ROOF DETAILS -
ENTRANCE CANOPY**

PROJECT NO.
21091
DRAWN BY
STAFF
CHECKED BY
NR
SHEET NO.

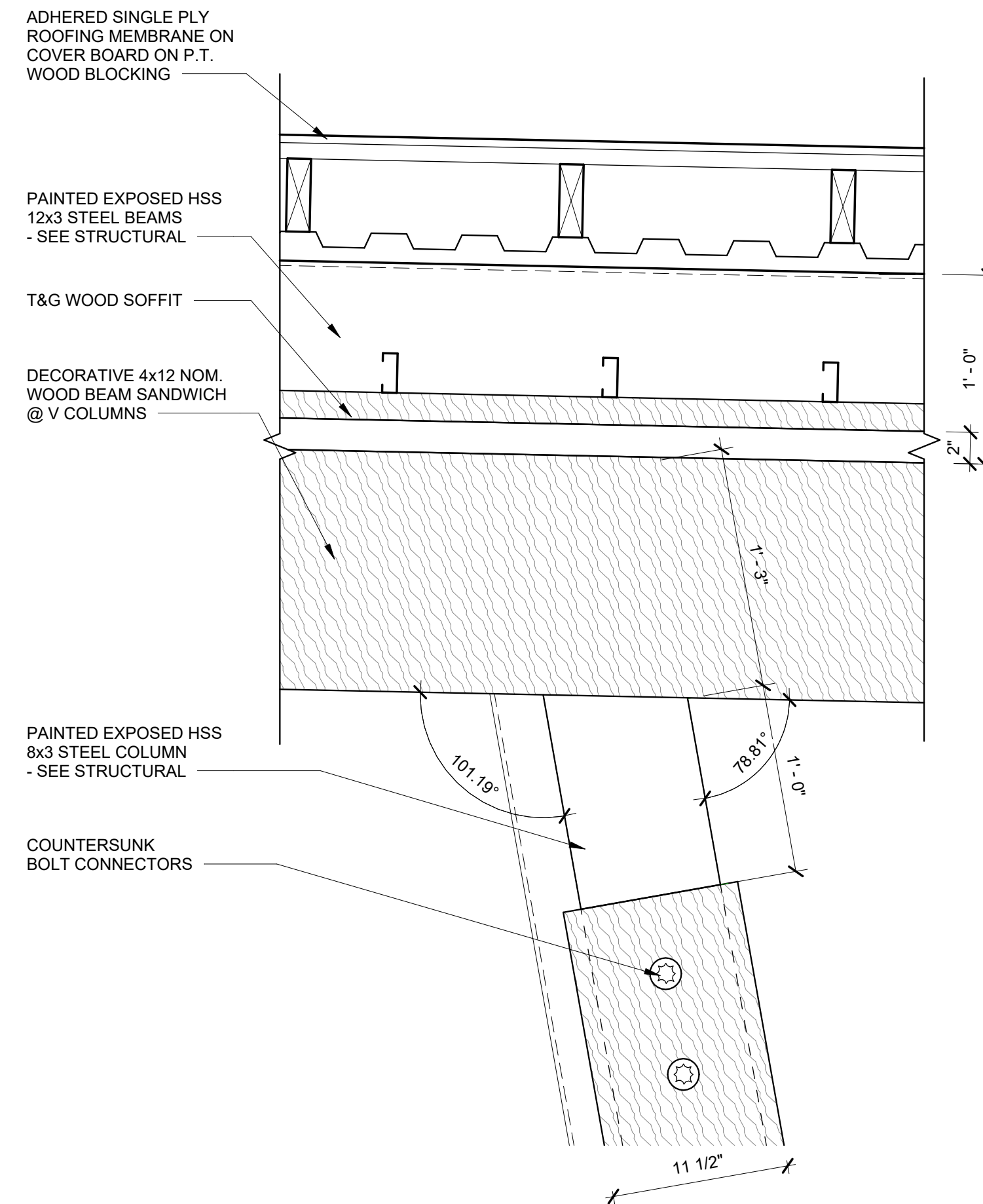
DATE
06/21/2024
SCALE
1 1/2" = 1'-0"

A4.16

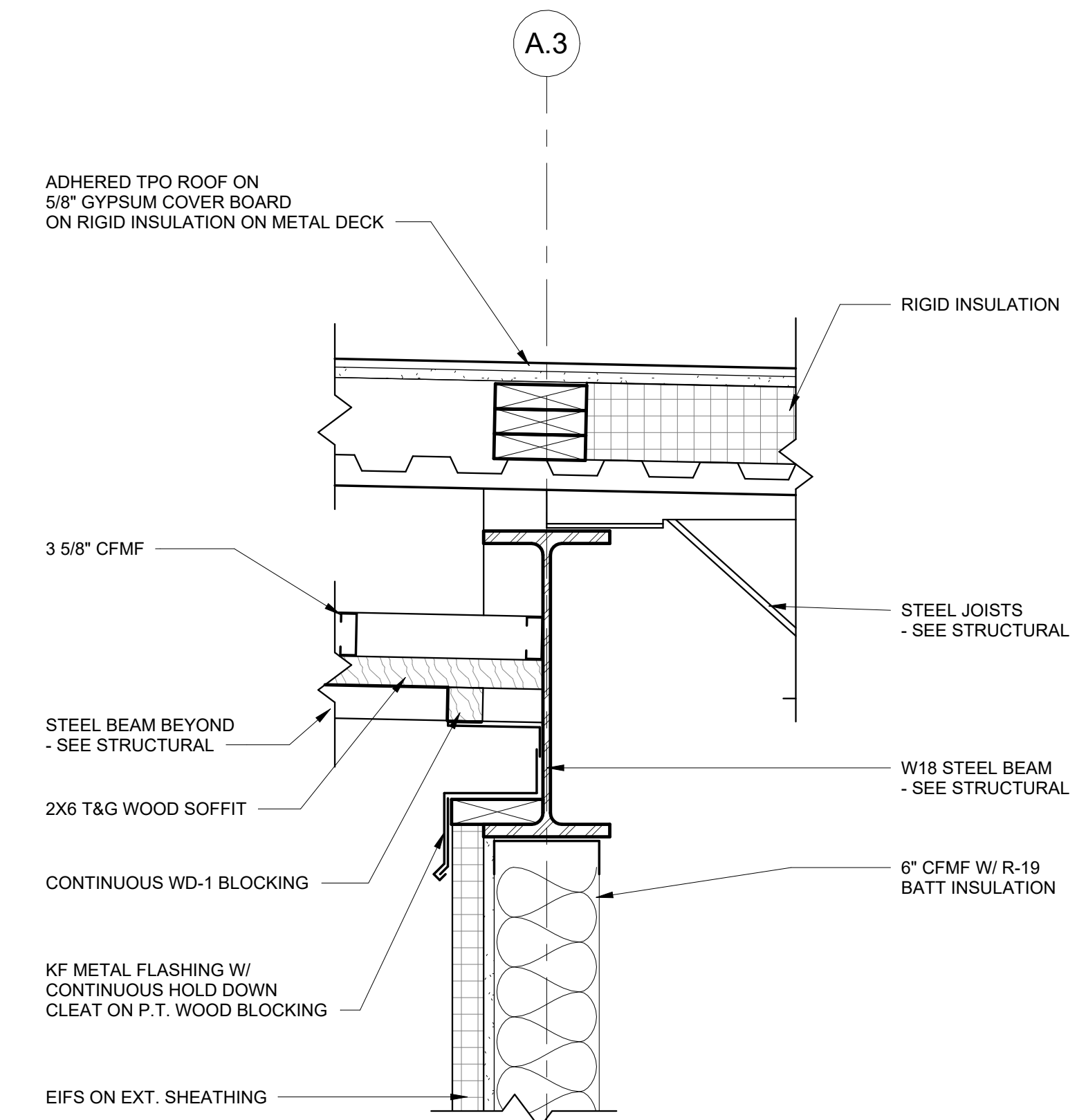
NOT FOR CONSTRUCTION



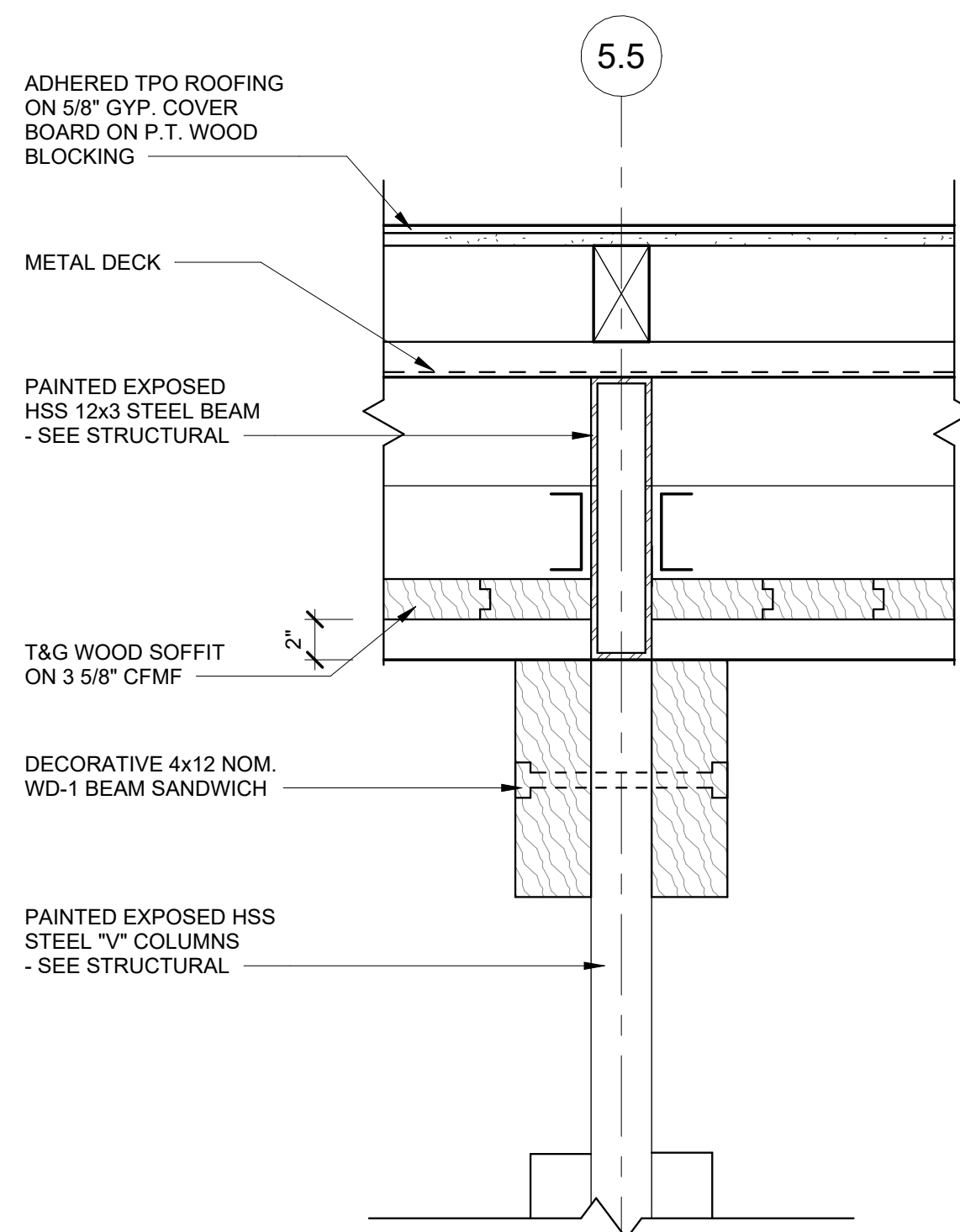
1 DETAIL SECTION @ ENTRANCE CANOPY PERIMETER
A4.16 1 1/2" = 1'-0"



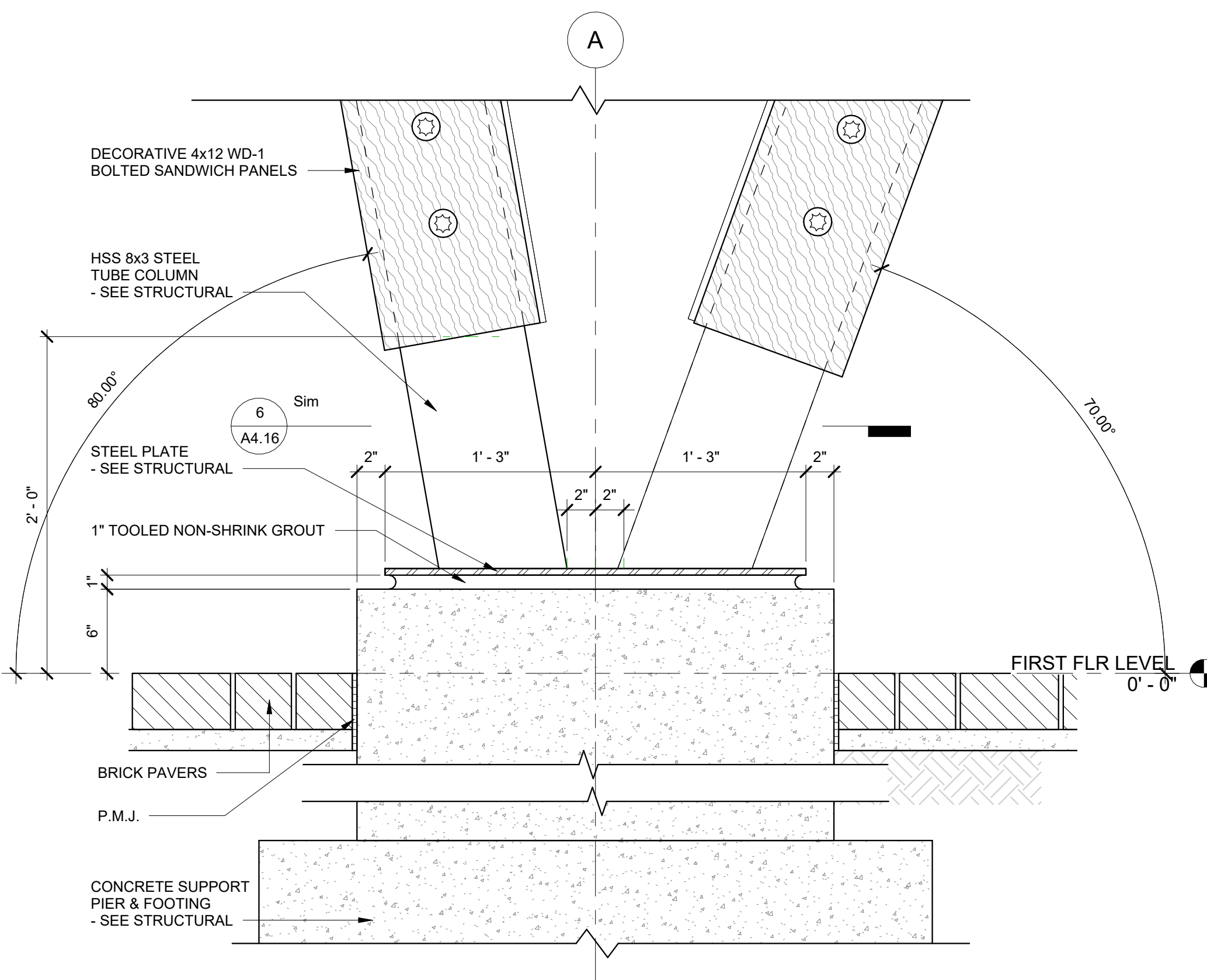
2 DETAIL SECTION @ ENTRANCE CANOPY "V COLUMN"
A4.16 1 1/2" = 1'-0"



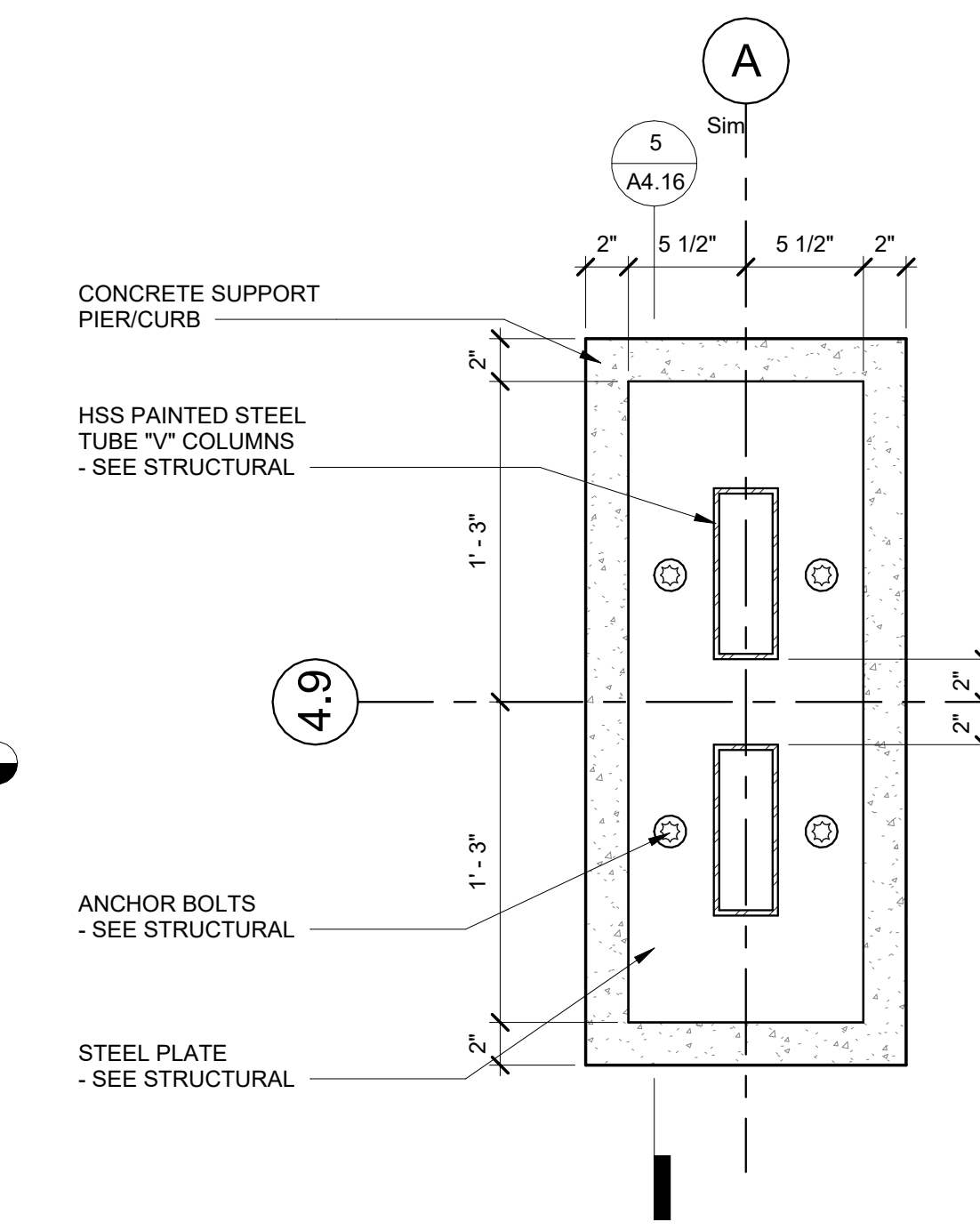
3 DETAIL SECTION - CANOPY TO ENTRANCE
A4.16 1 1/2" = 1'-0"



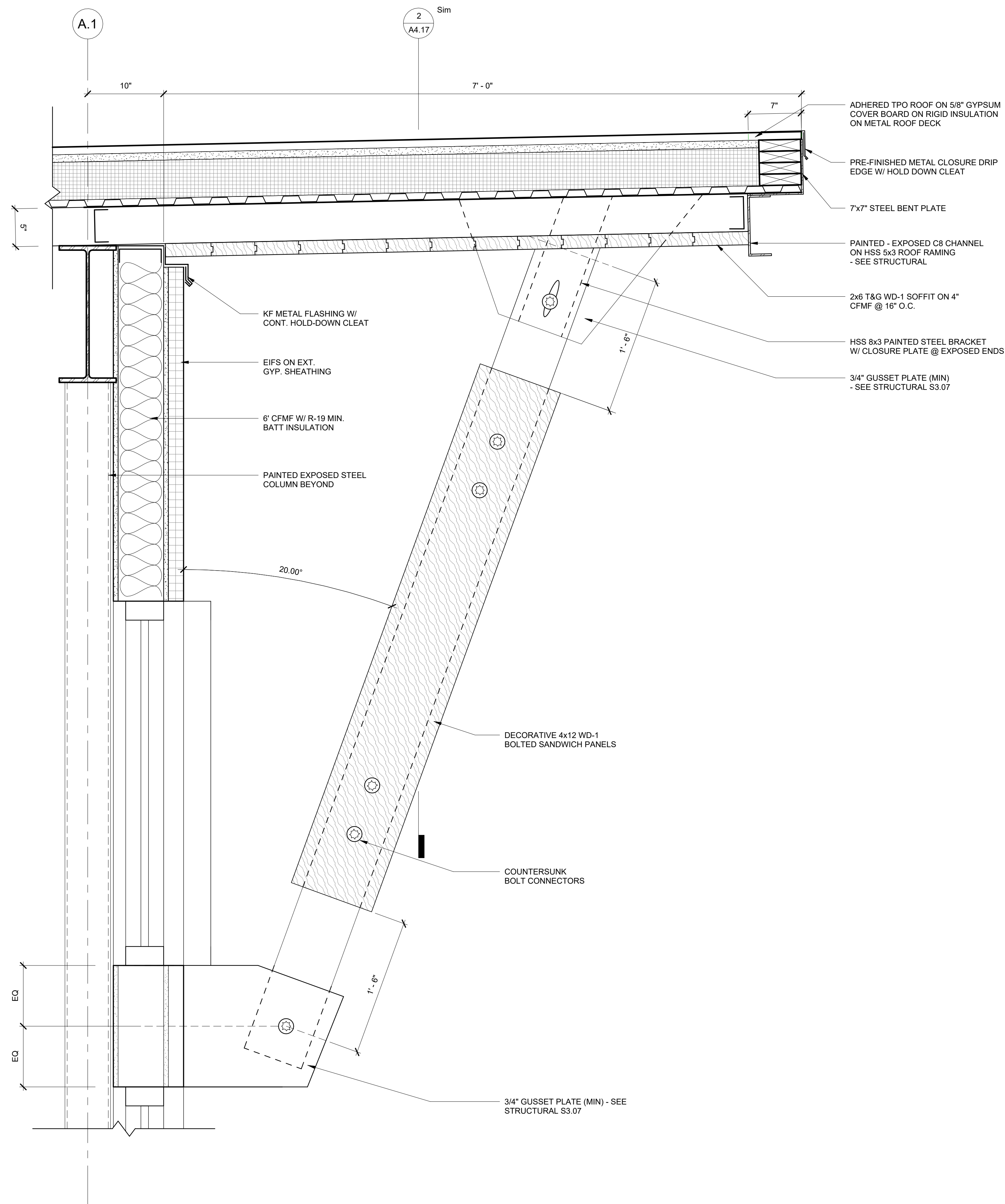
4 V COLUMN DETAIL
A4.16 1 1/2" = 1'-0"



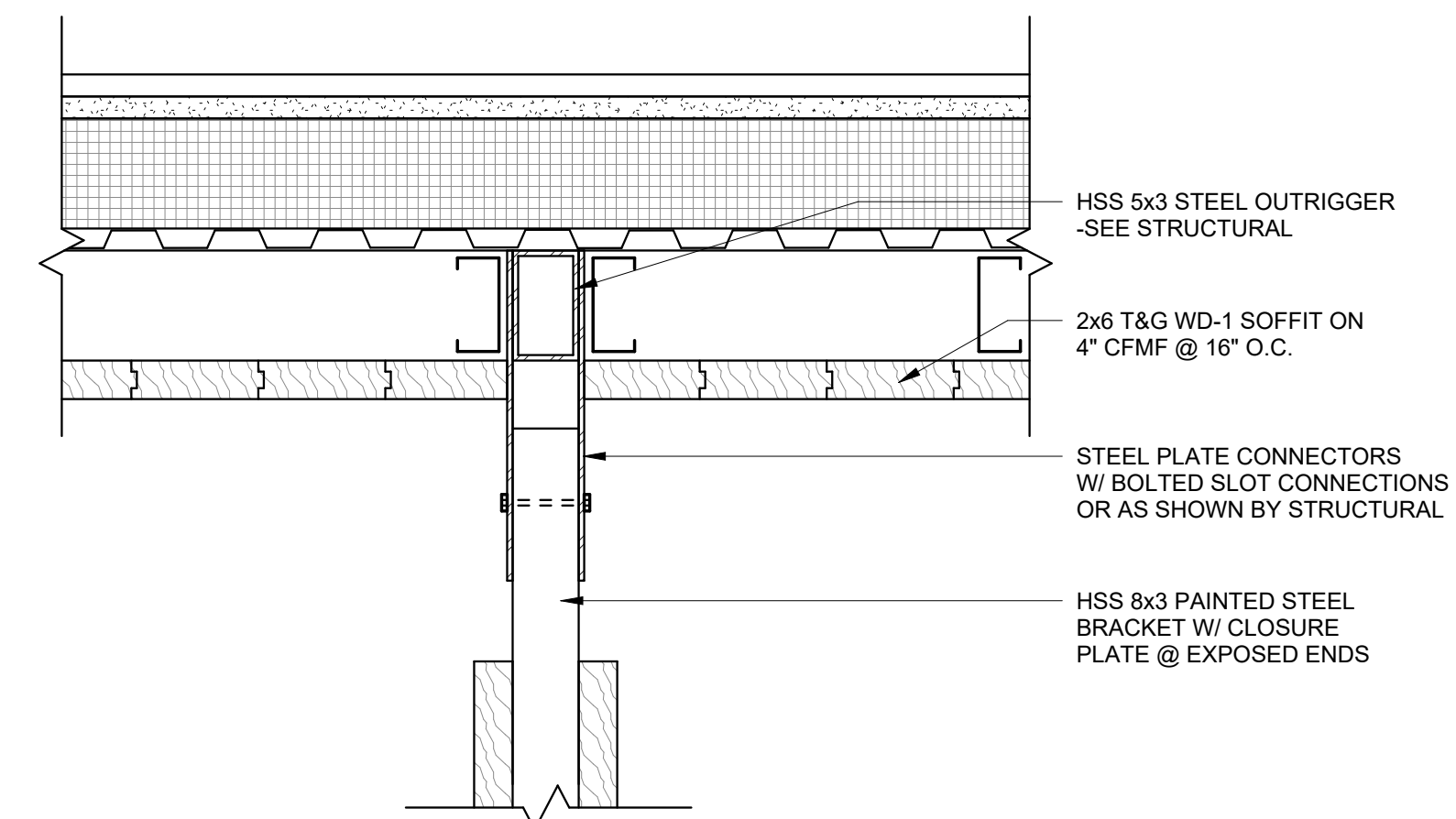
5 DETAIL @ ENTRANCE CANOPY V COLUMNS
A4.16 1 1/2" = 1'-0"



6 "V" COLUMN BASE PLATE DETAIL
A4.16 1 1/2" = 1'-0"



1 ROOF EYEBROW SECTION DETAIL
A4.17 1 1/2" = 1'-0"



2 BRACKET ATTACHMENT
A4.17 1 1/2" = 1'-0"

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SHEET TITLE
**ROOF DETAILS -
COMMUNITY ROOM
ROOF EYEBROW**

PROJECT NO. 21091	DATE 06/21/2024
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A4.17

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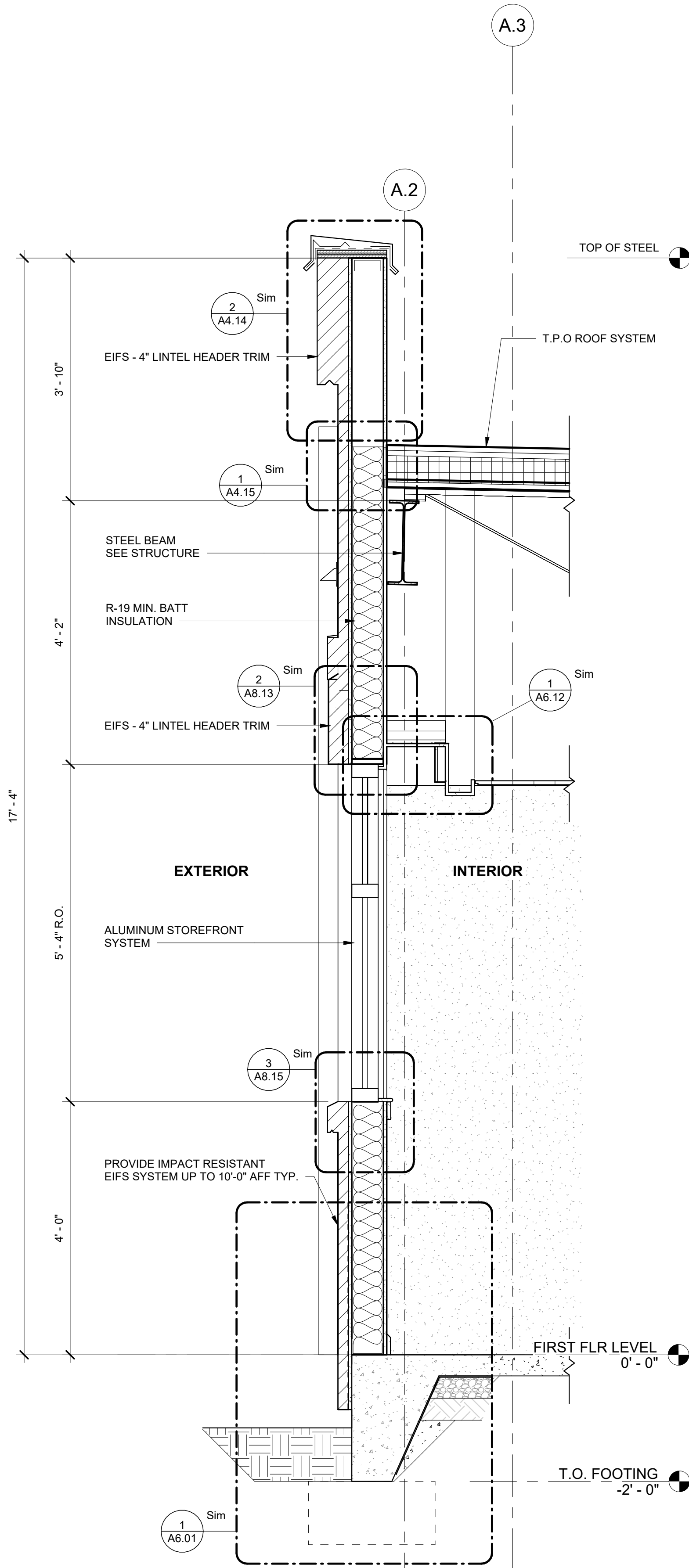
SHEET TITLE

WALL SECTIONS

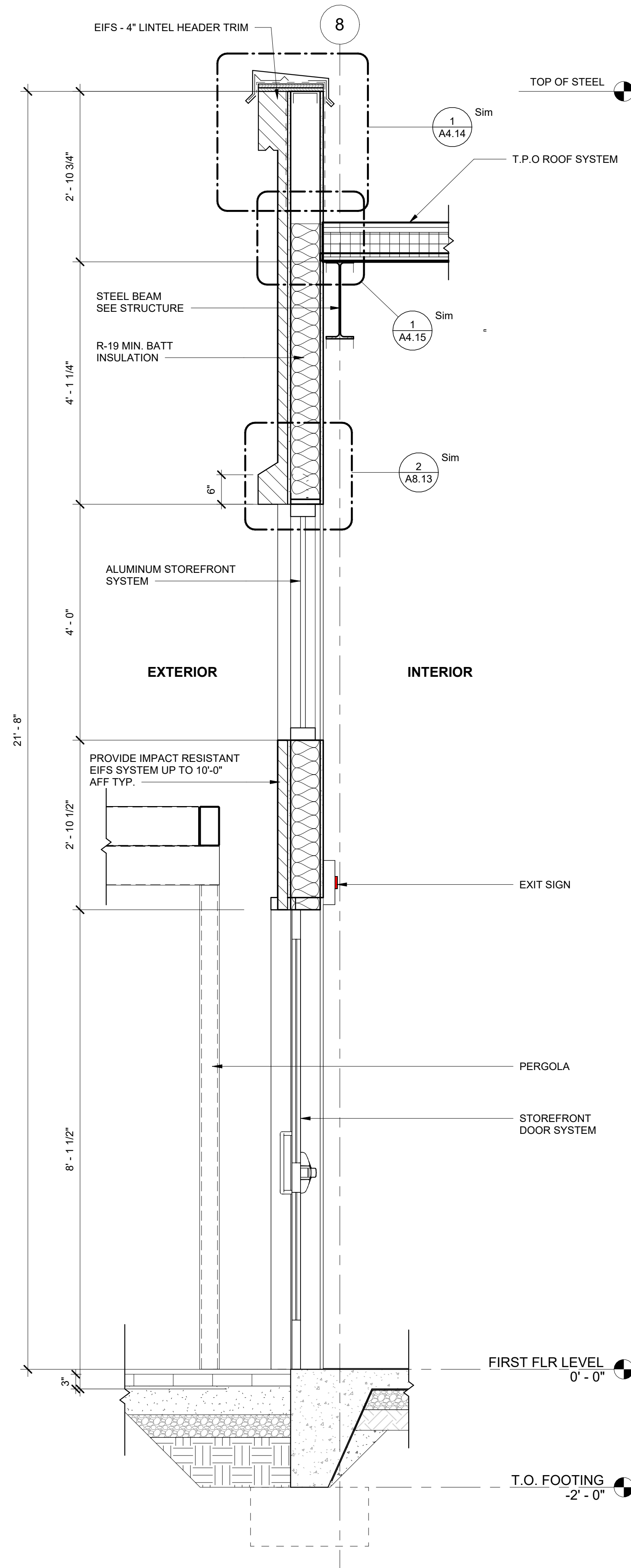
PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **STAFF** SCALE **3/4" = 1'-0"**
 CHECKED BY **NR**
 SHEET NO.

A5.01

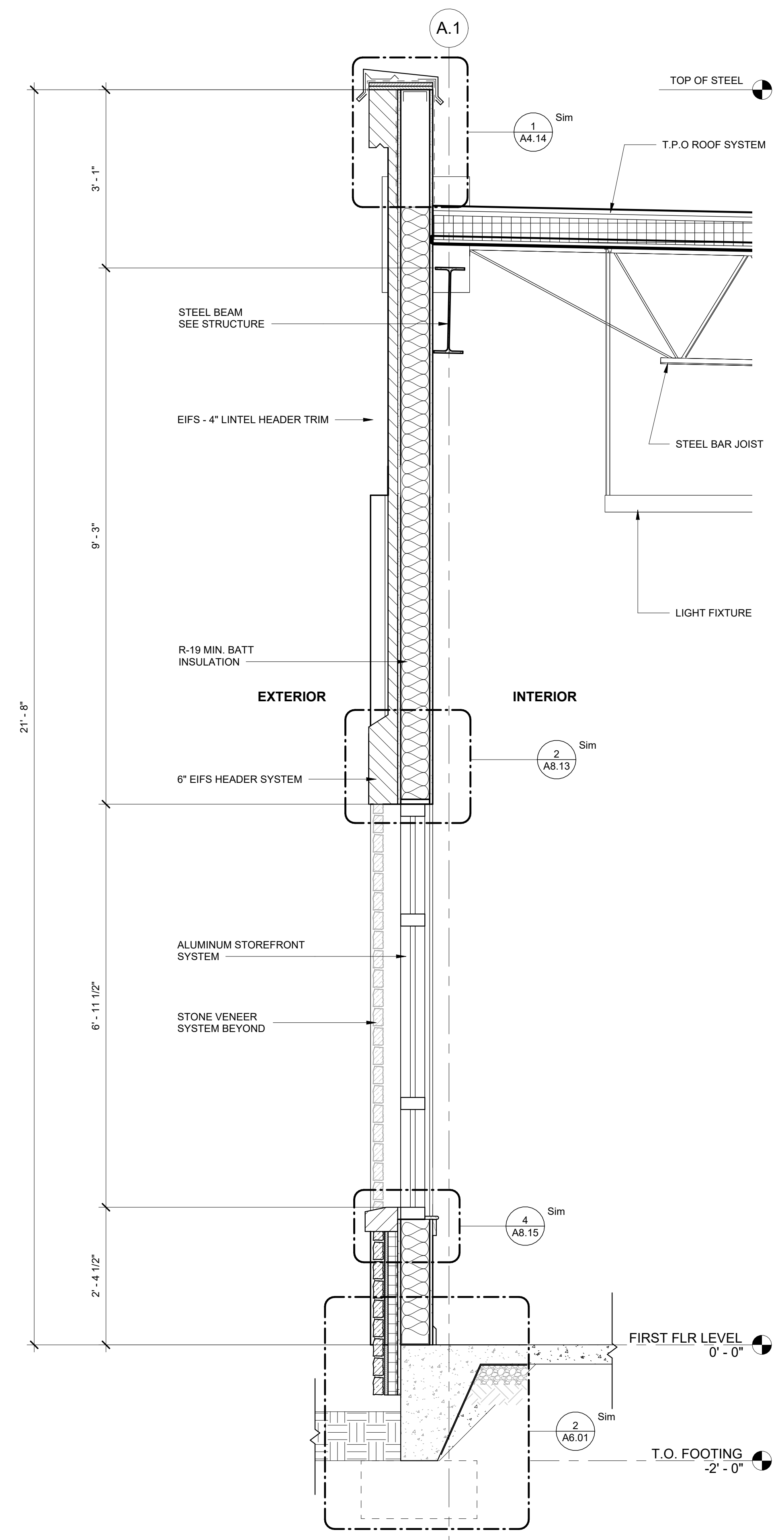
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1 WALL SECTION @ ADMINISTRATION
A5.01 3/4" = 1'-0"



2 EAST WALL SECTION @ COMMUNITY ROOM
A5.01 3/4" = 1'-0"



3 NORTH WALL SECTION AT COMM. RM
A5.01 3/4" = 1'-0"

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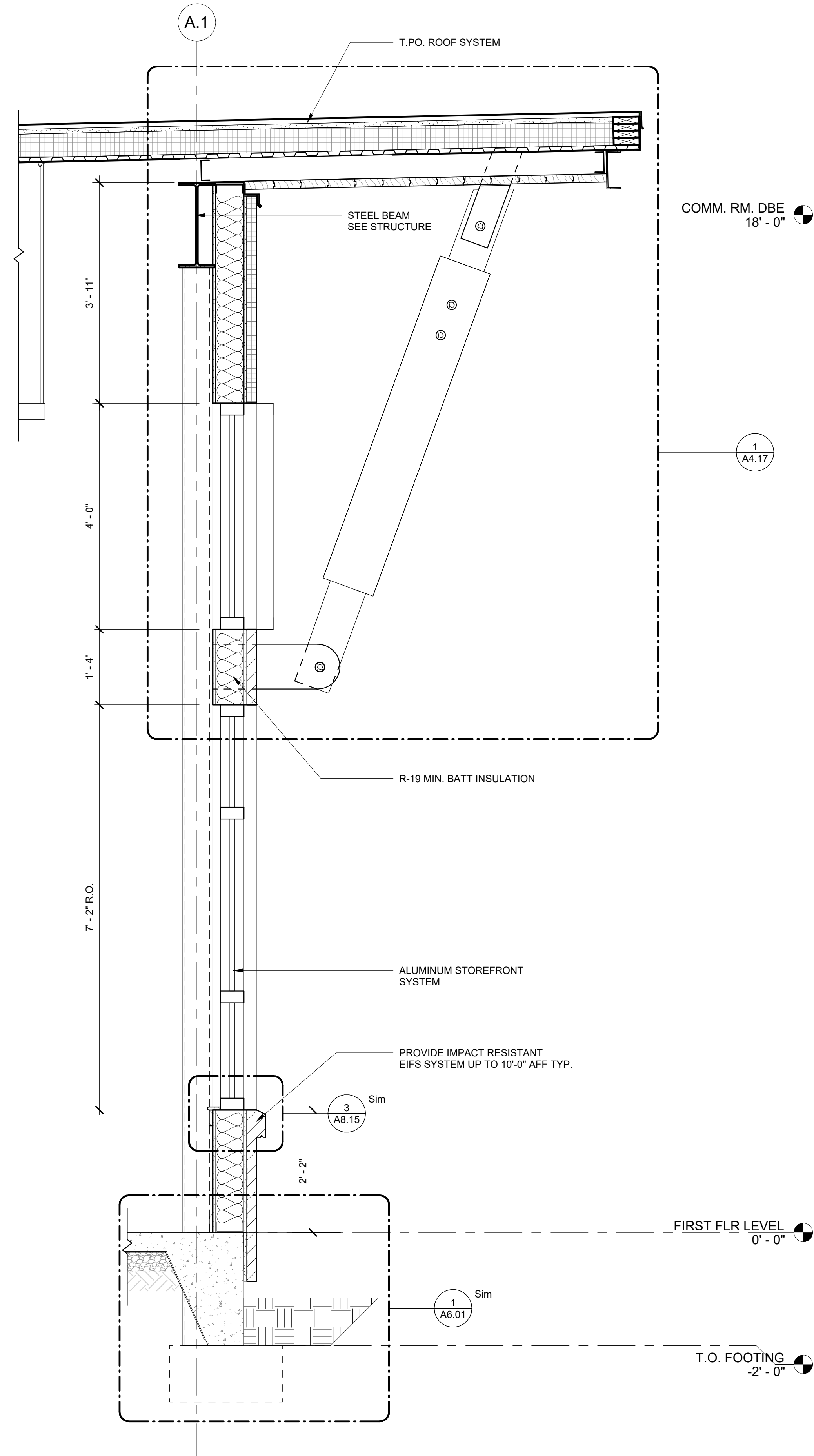
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SHEET TITLE
WALL SECTIONS

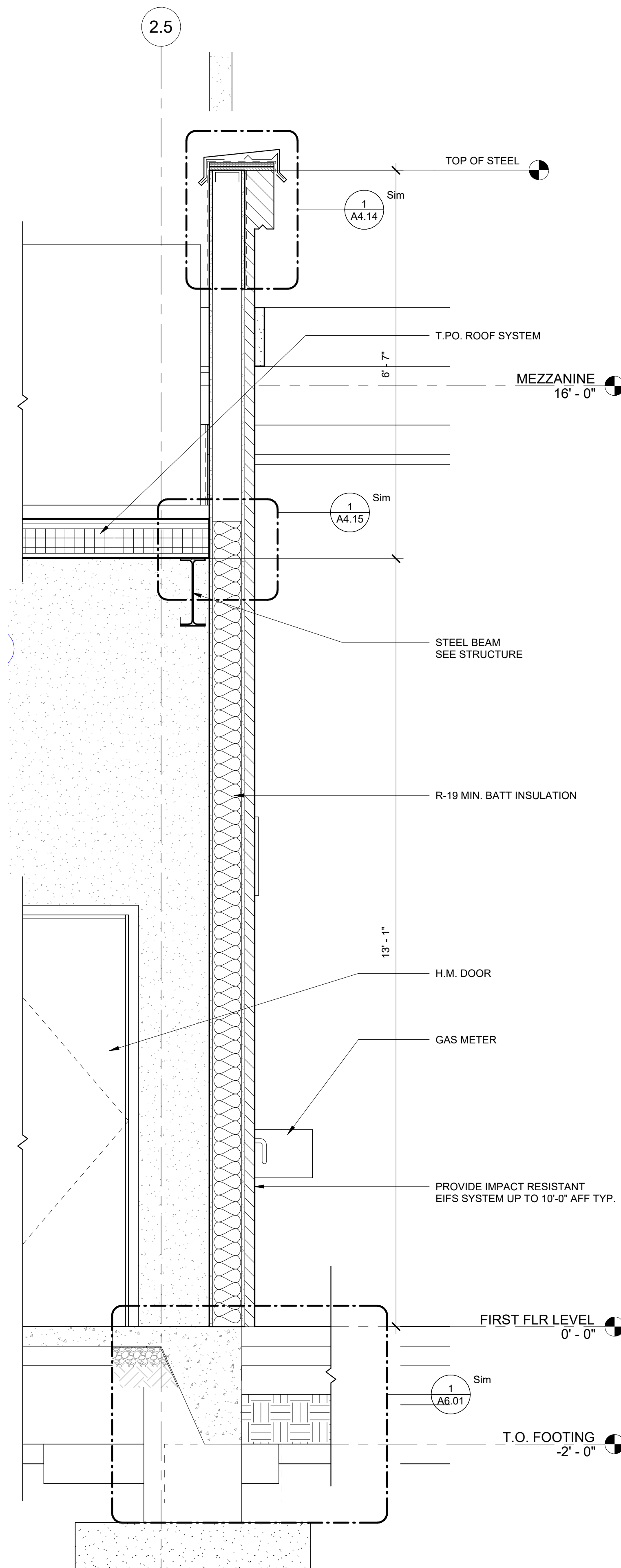
PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE 3/4" = 1'-0"
CHECKED BY NR
SHEET NO.

A5.02

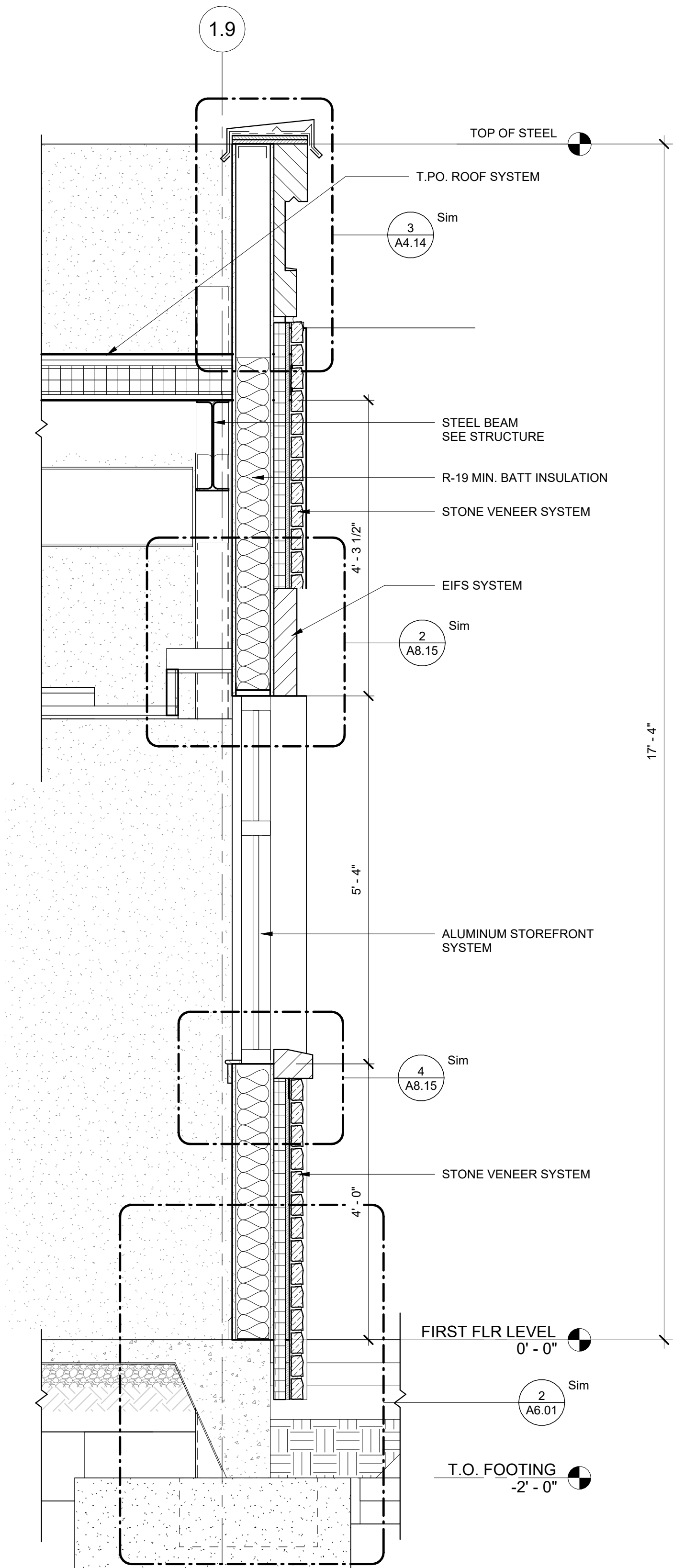
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1 CENTER NORTH WALL SECTION @
COMMUNITY ROOM
A5.02 3/4" = 1'-0"



2 WEST WALL SECTION @ ELECTRICAL
A5.02 3/4" = 1'-0"



3 WEST WALL SECTION @ ADMINISTRATION
A5.02 3/4" = 1'-0"

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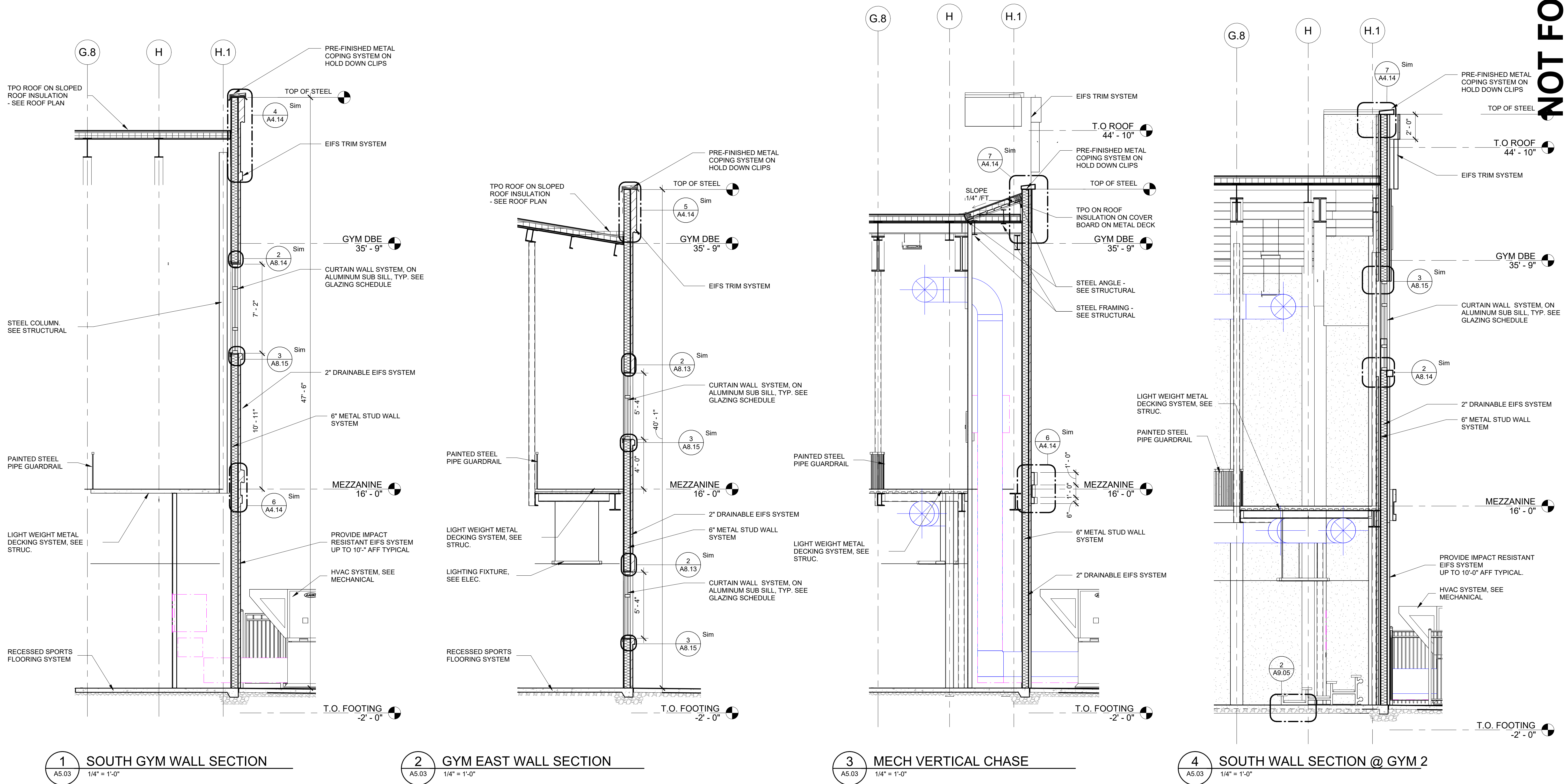
SHEET TITLE

GYM WALL SECTIONS

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
CHECKED BY NR
SCALE 1/4" = 1'-0"
SHEET NO.

A5.03

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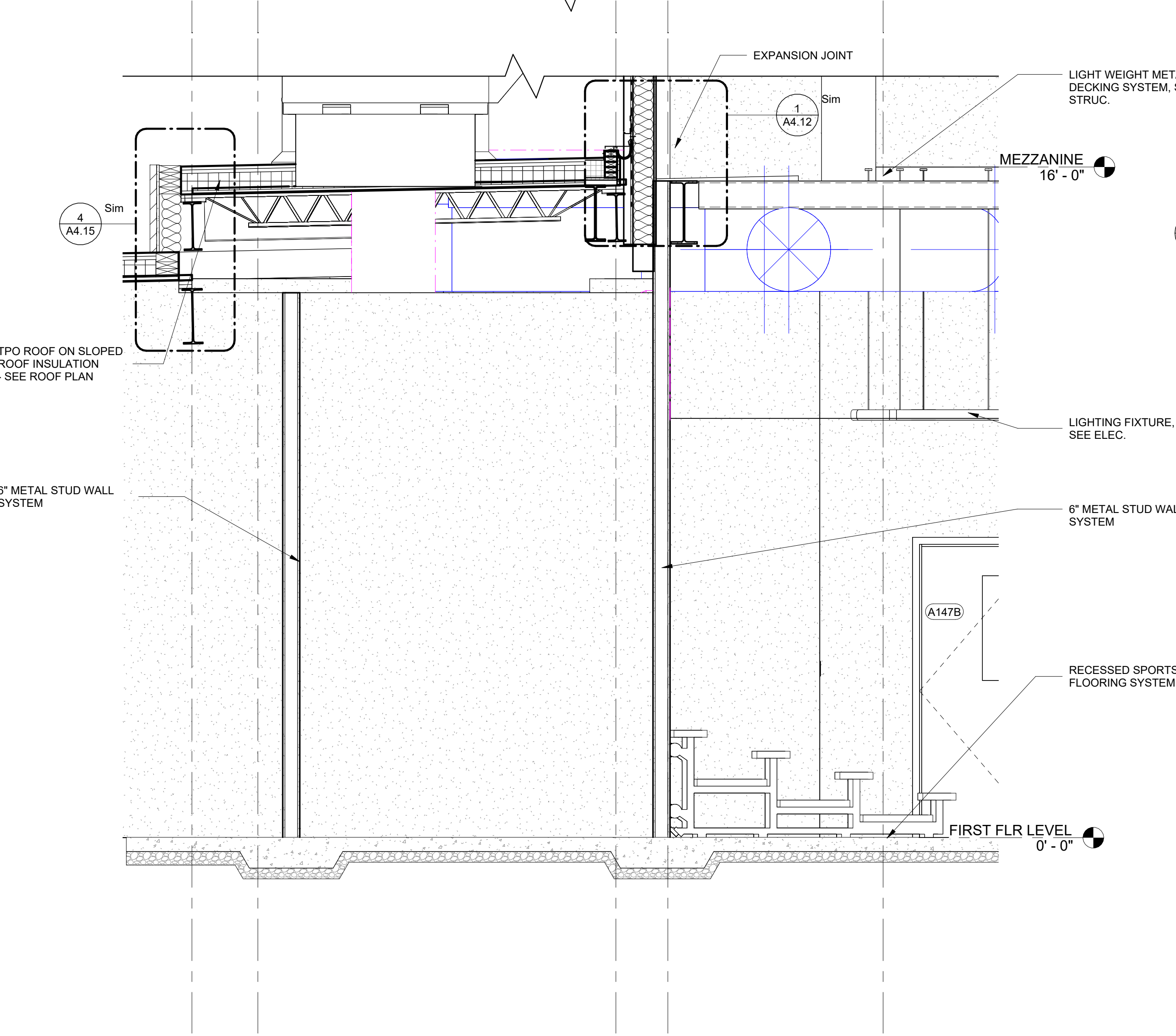
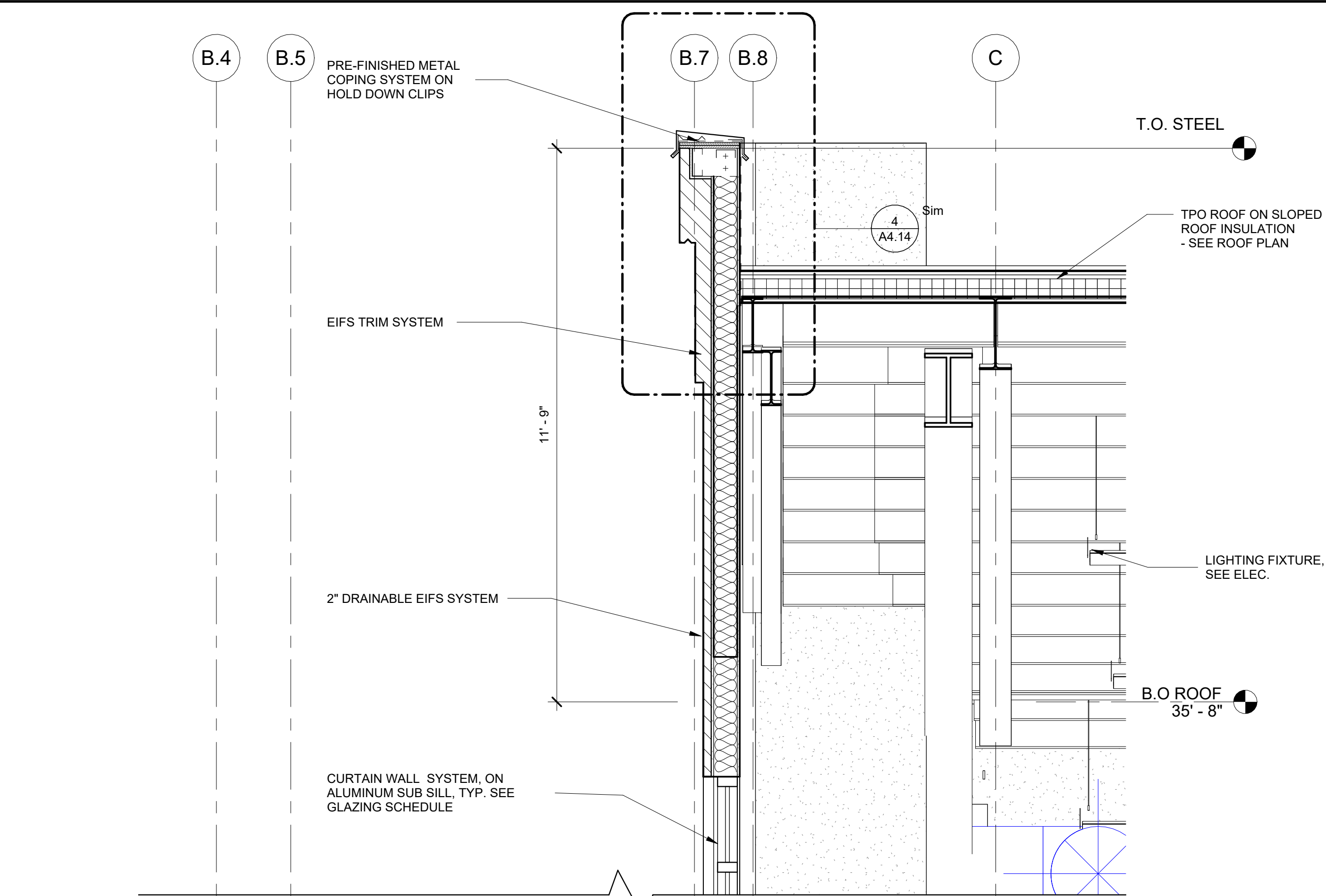
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SHEET TITLE
WALL SECTIONS - GYM NORTH

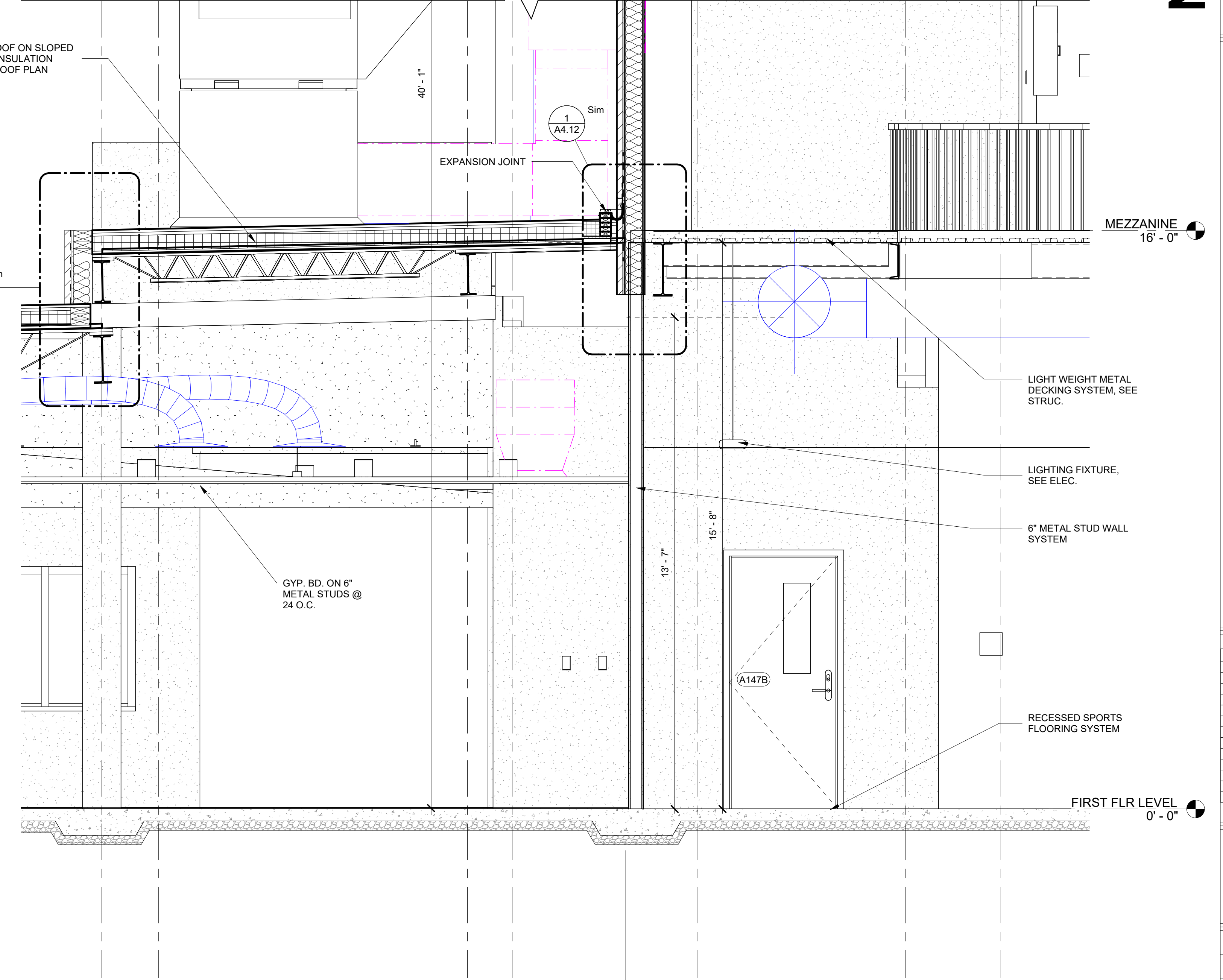
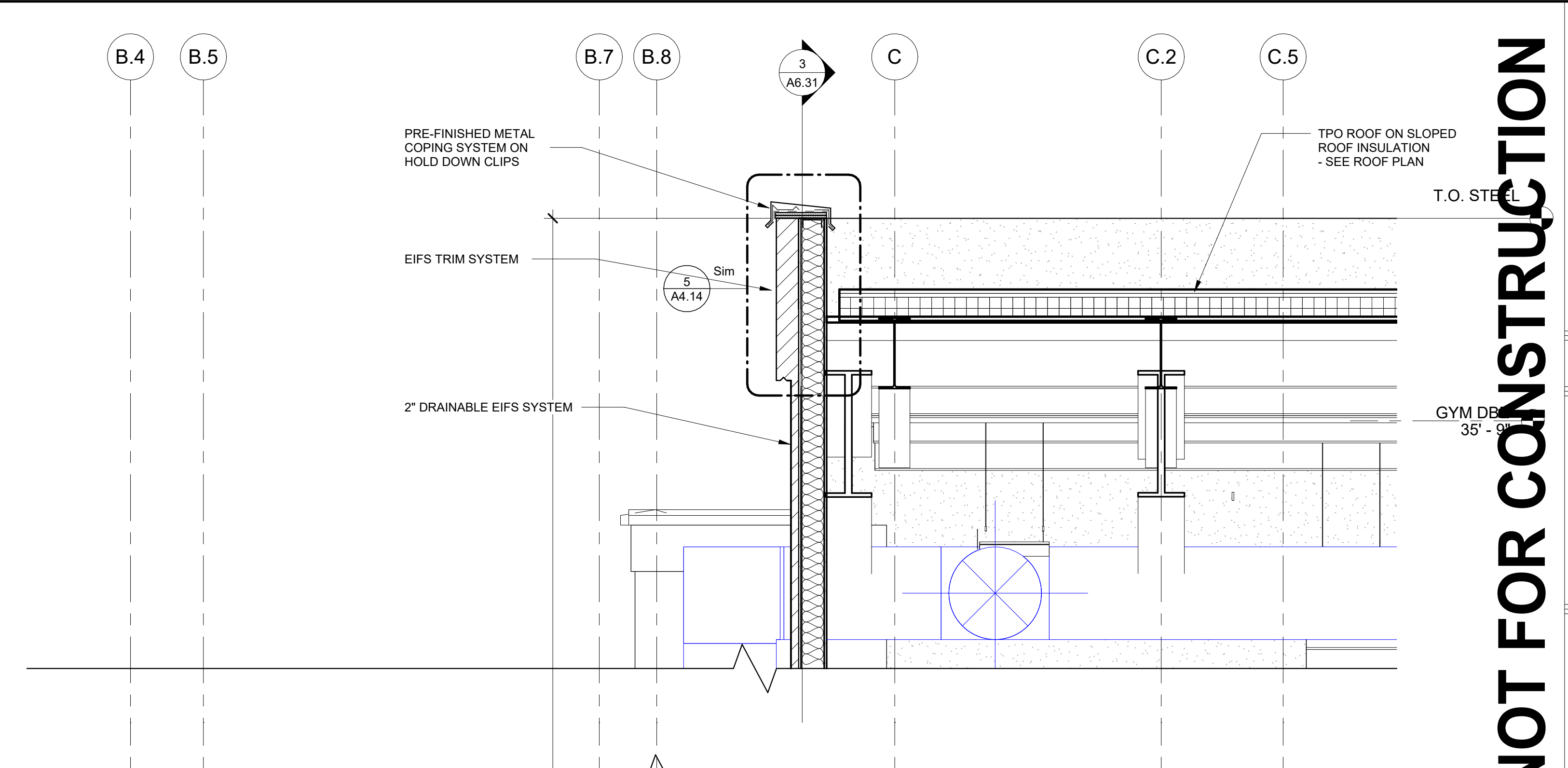
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 1/2" = 1'-0"
CHECKED BY NR	SHEET NO.

A5.04

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1
GYM NORTH WALL SECTION @ HIGH PARAPET
1/2" = 1'-0"



2
GYM SECTION @ RTU PLATFORM
1/2" = 1'-0"

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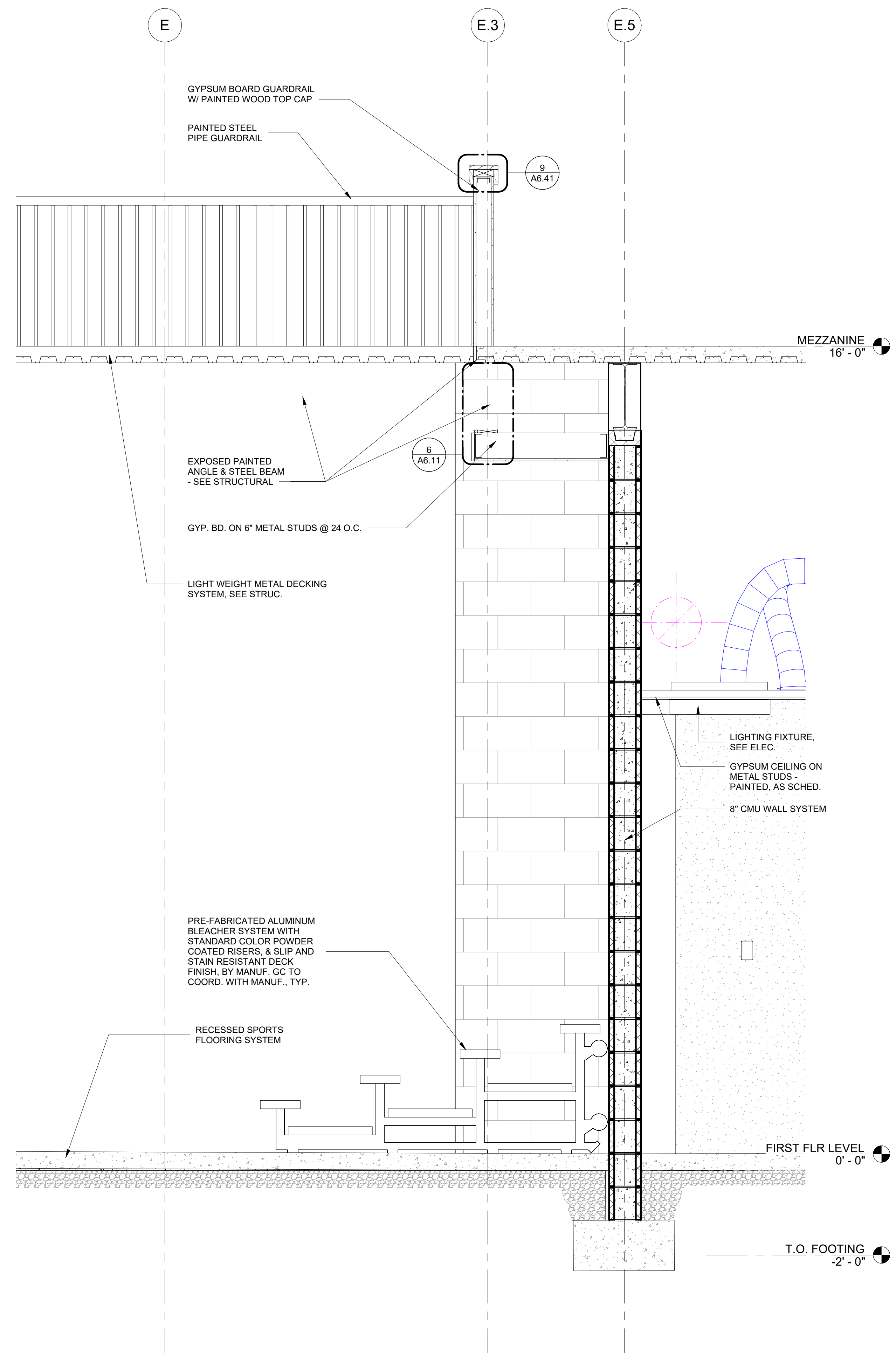
SHEET TITLE

GYM INTERIOR SECTIONS

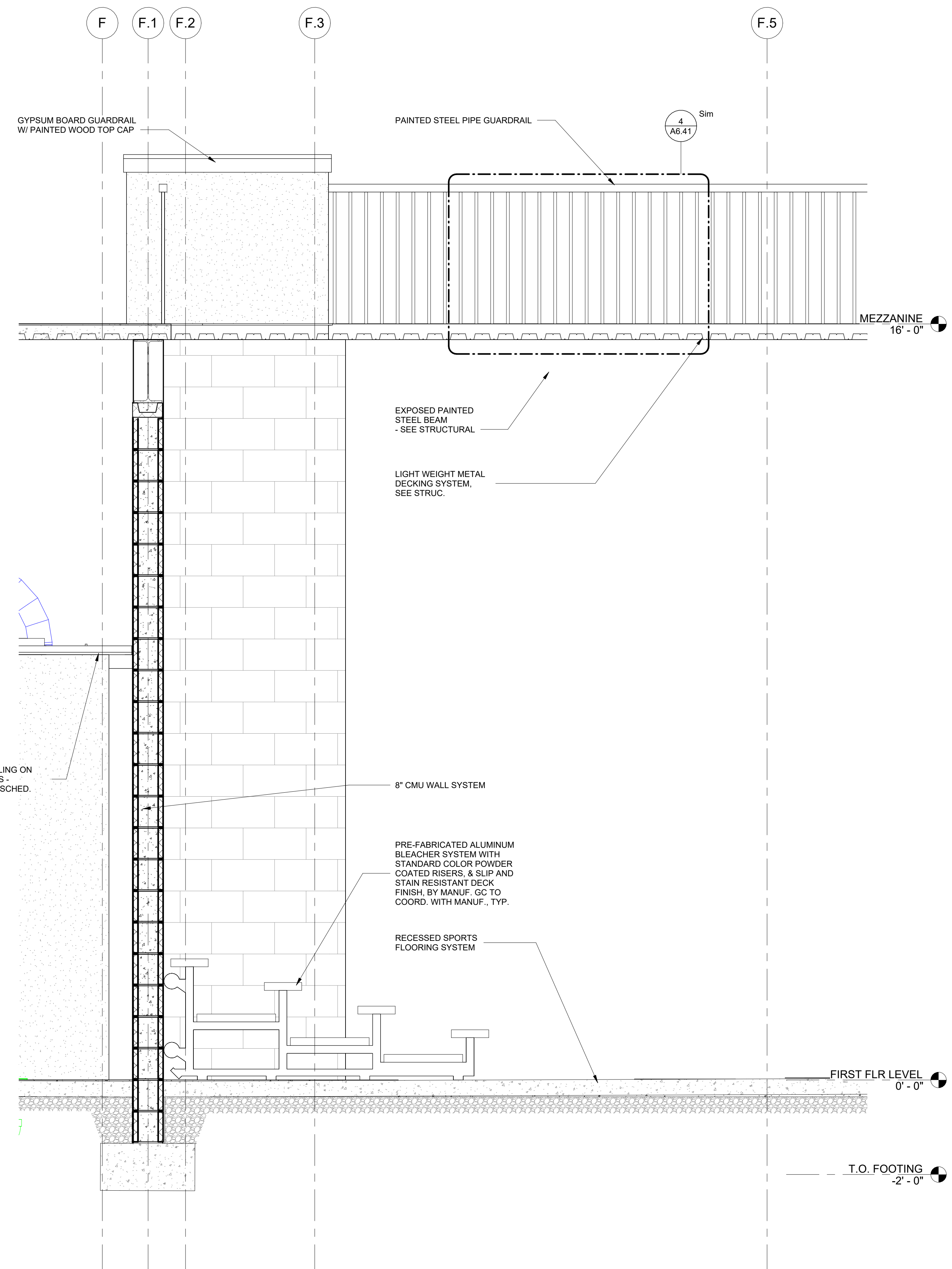
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 3/4" = 1'-0"
CHECKED BY NR	
SHEET NO.	

A5.05

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1 GYM 1 NORTH SECTION
A5.05 3/4" = 1'-0"



2 GYM 2 NORTH SECTION
A5.05 3/4" = 1'-0"

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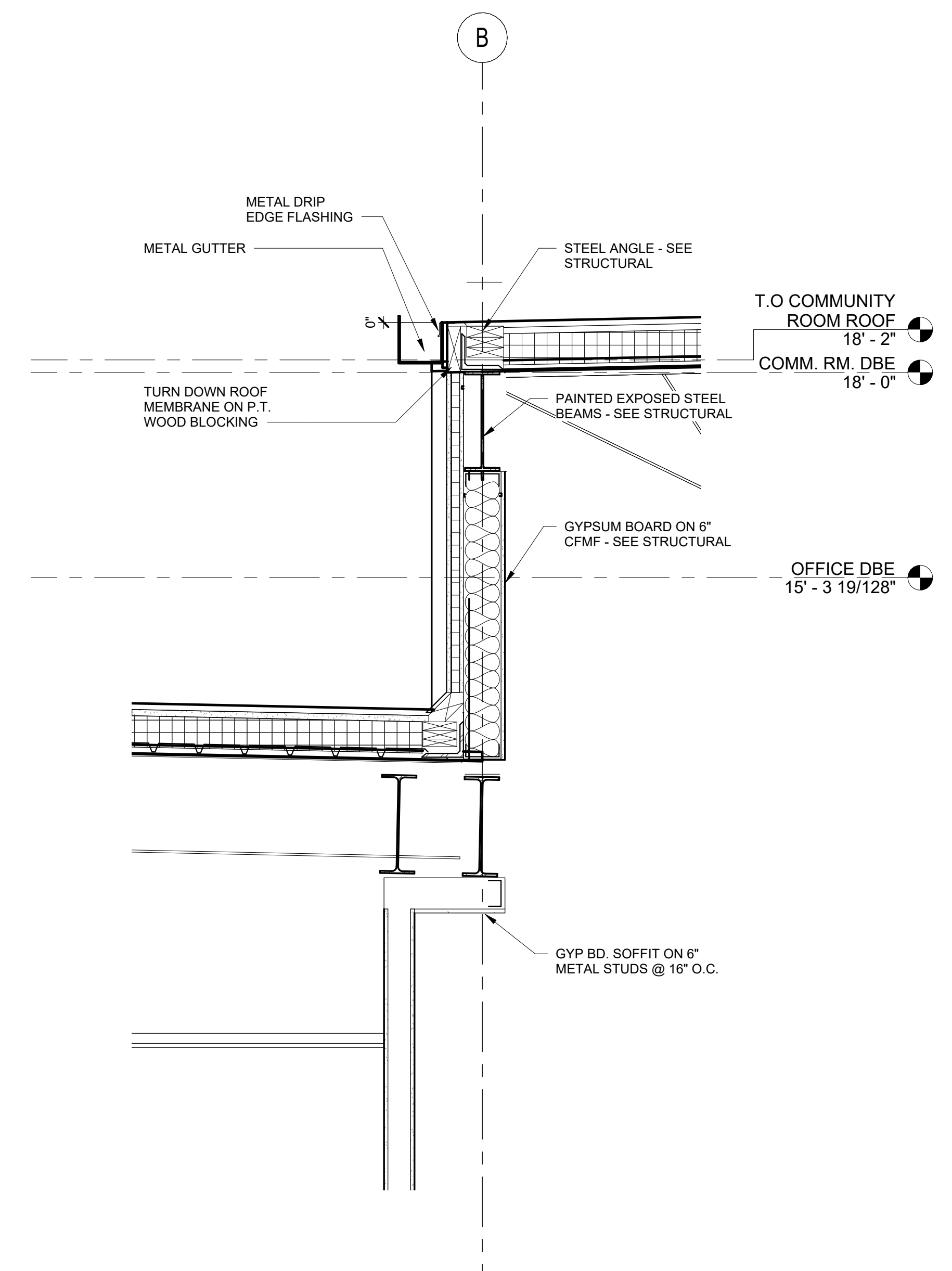
NO.	DATE	DESCRIPTION

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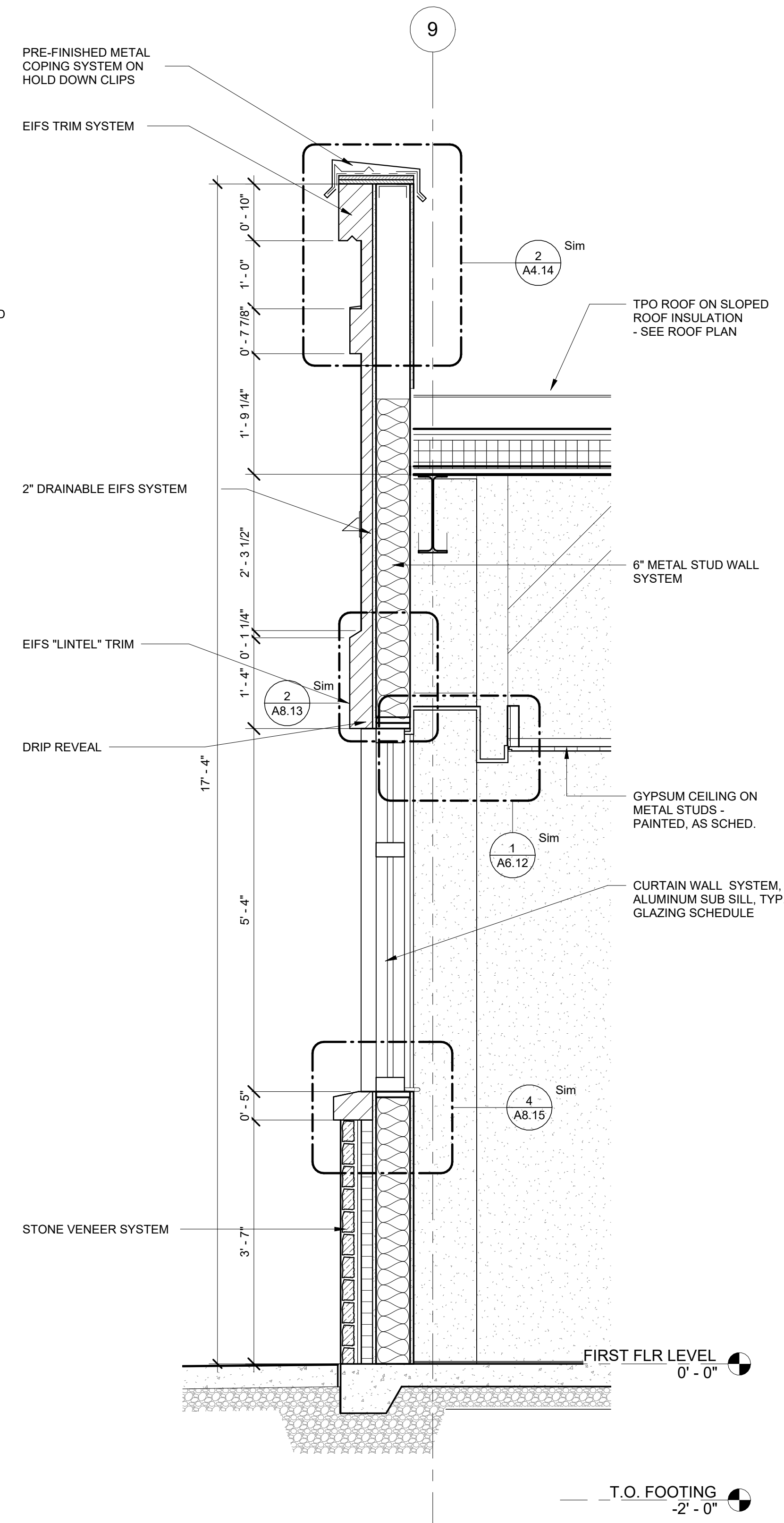
SHEET TITLE
EAST WALL SECTIONS

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 3/4" = 1'-0"
CHECKED BY NR	
SHEET NO.	

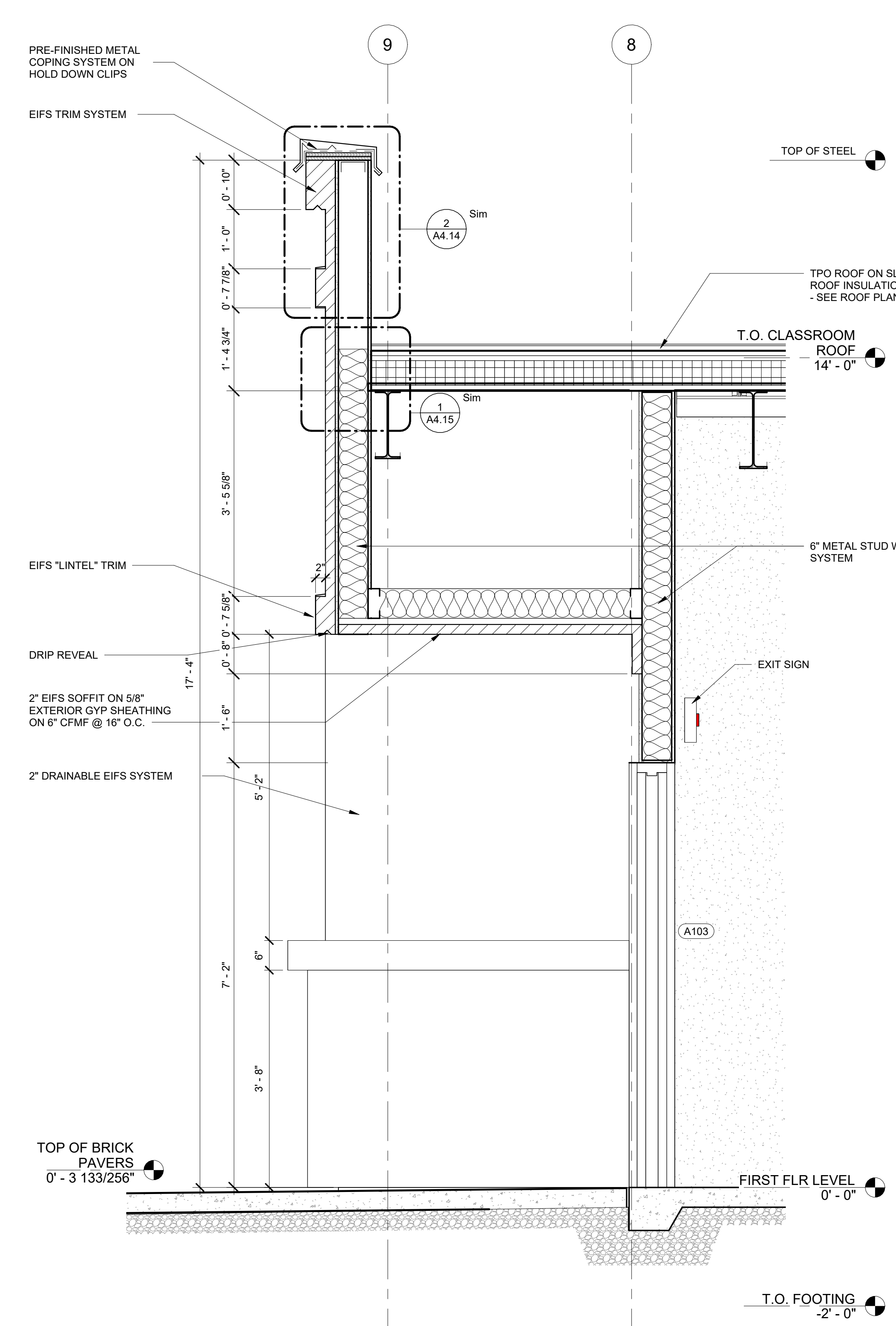
A5.06



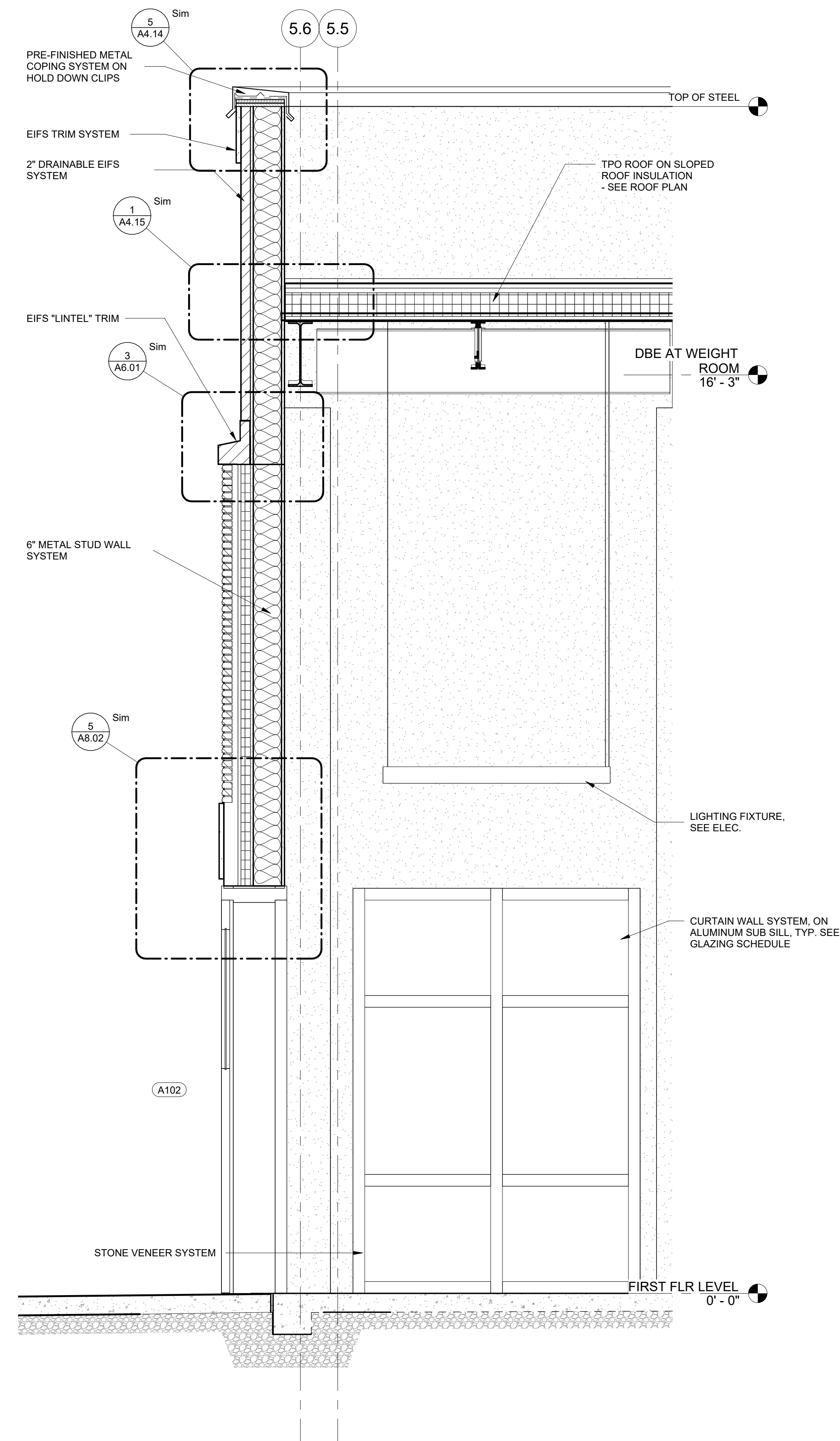
3 ROOF STEP SECTION DETAIL
A5.06 3/4" = 1'-0"



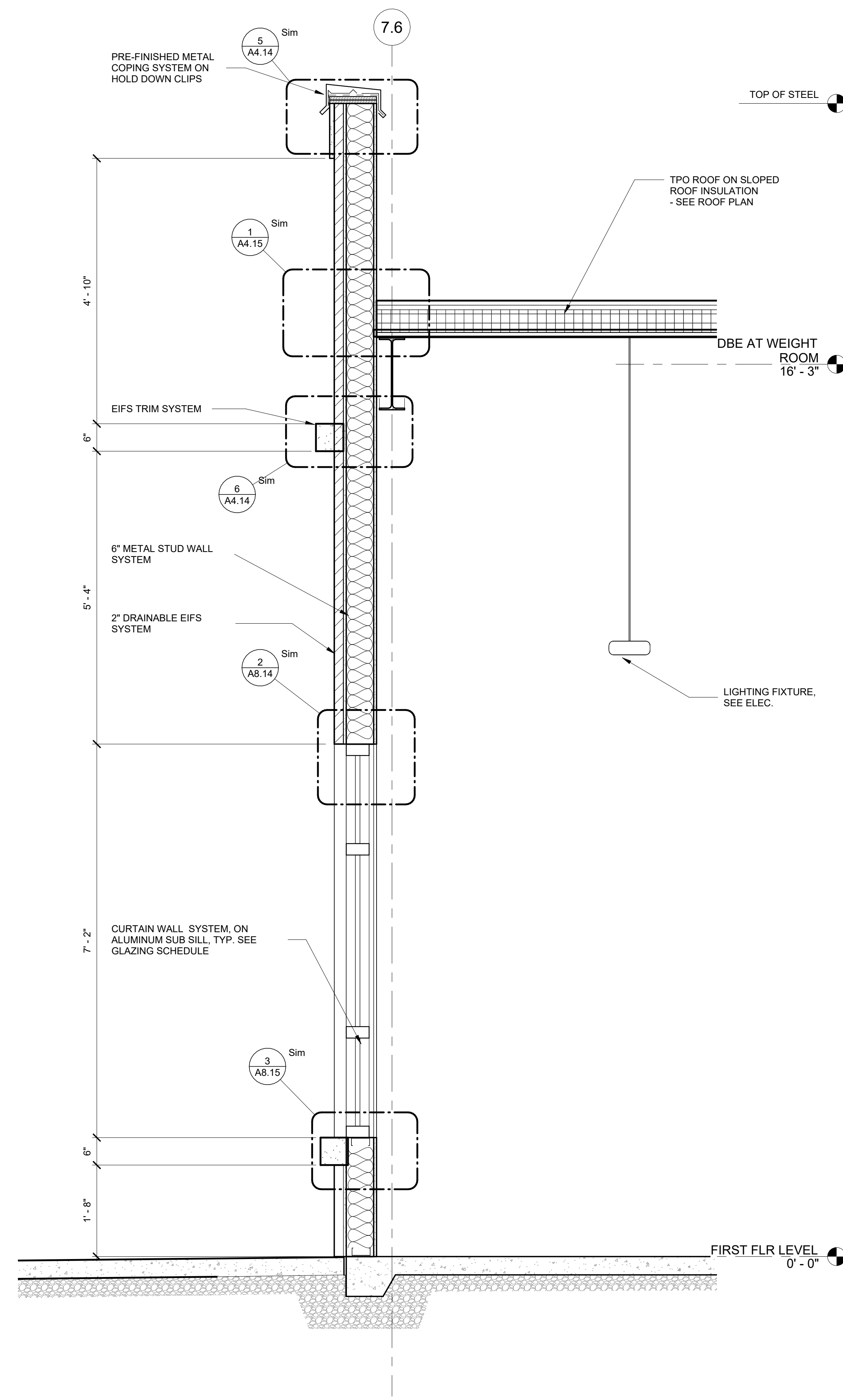
2 WALL SECTION @ MEETING ROOM
A5.06 3/4" = 1'-0"



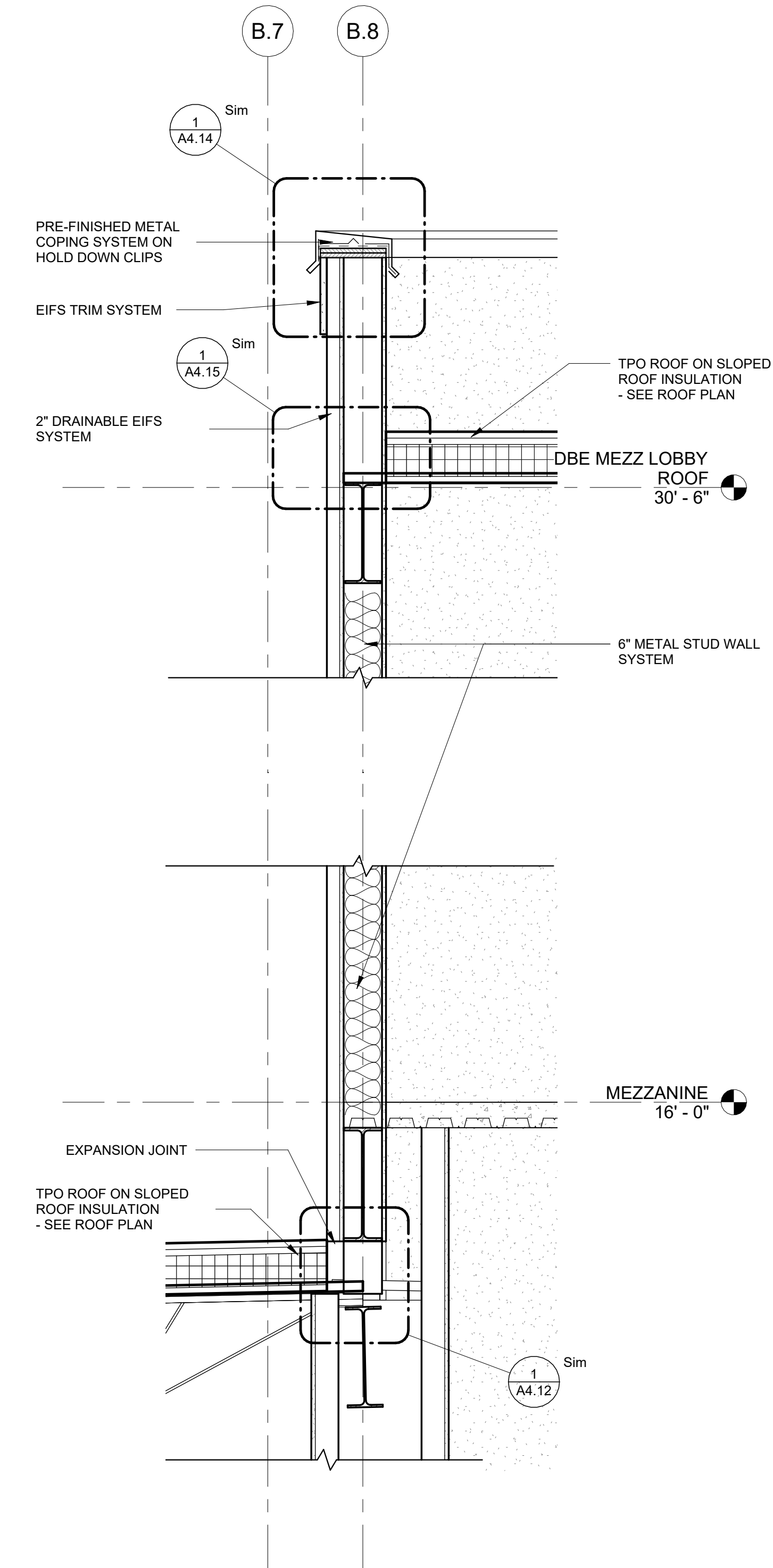
1 SECTION @ CORRIDOR EXIT
A5.06 3/4" = 1'-0"



1 WALL SECTION @ CORRIDOR A102 EXIT
A5.07 3/4" = 1'-0"



2 WALL SECTION @ WEIGHTS
A5.07 3/4" = 1'-0"



3 MEZZANINE WALL SECTION
A5.07 3/4" = 1'-0"

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SHEET TITLE
SE WALL SECTIONS

PROJECT NO. **21091** DATE **06/21/2024**
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SHEET NO.

A5.07

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SHEET TITLE

**WALL SECTION AT
ENTRANCE**

PROJECT NO.
21091

DATE
06/21/2024

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STAFF

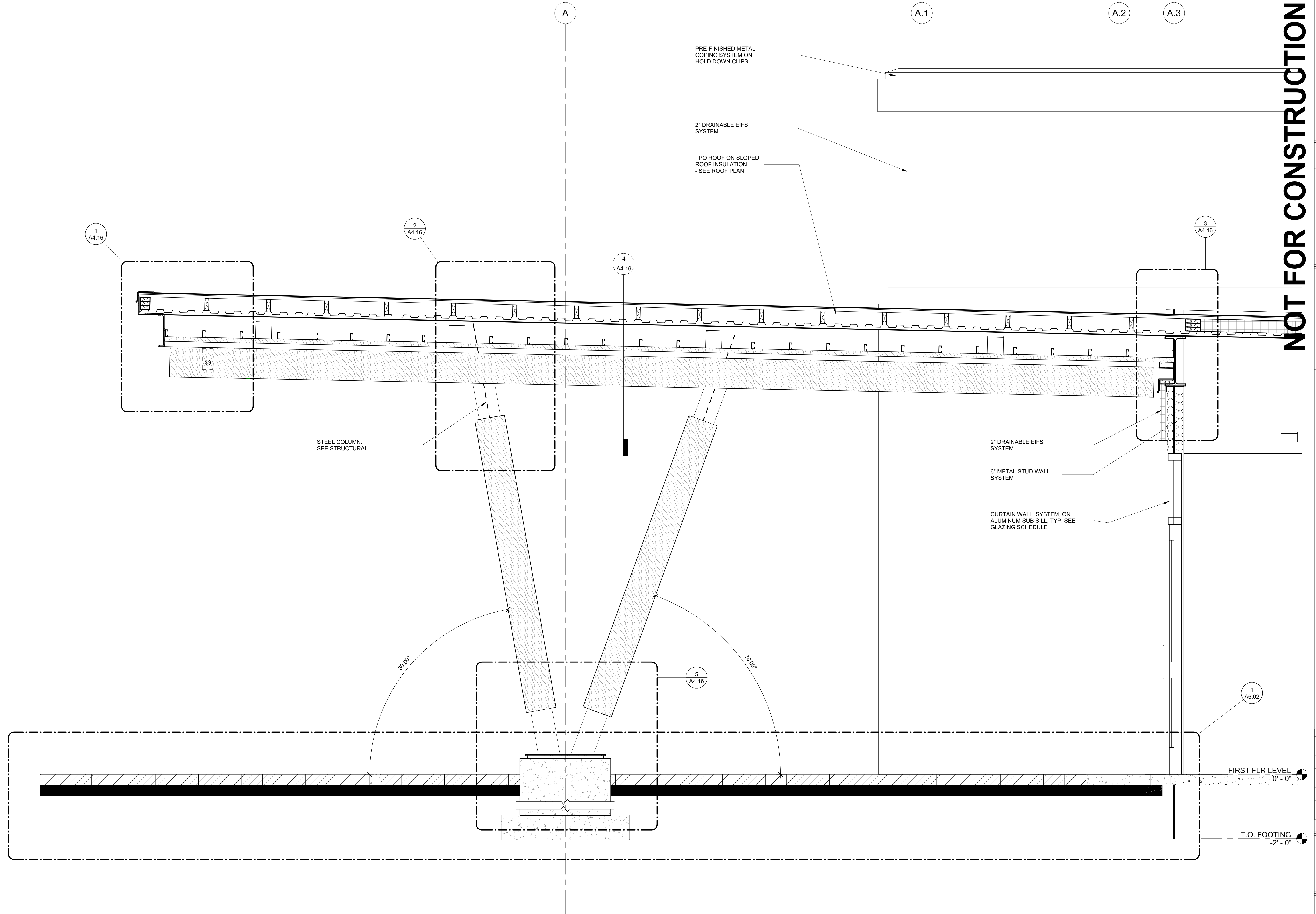
CHECKED BY
NR

SCALE
3/4" = 1'-0"

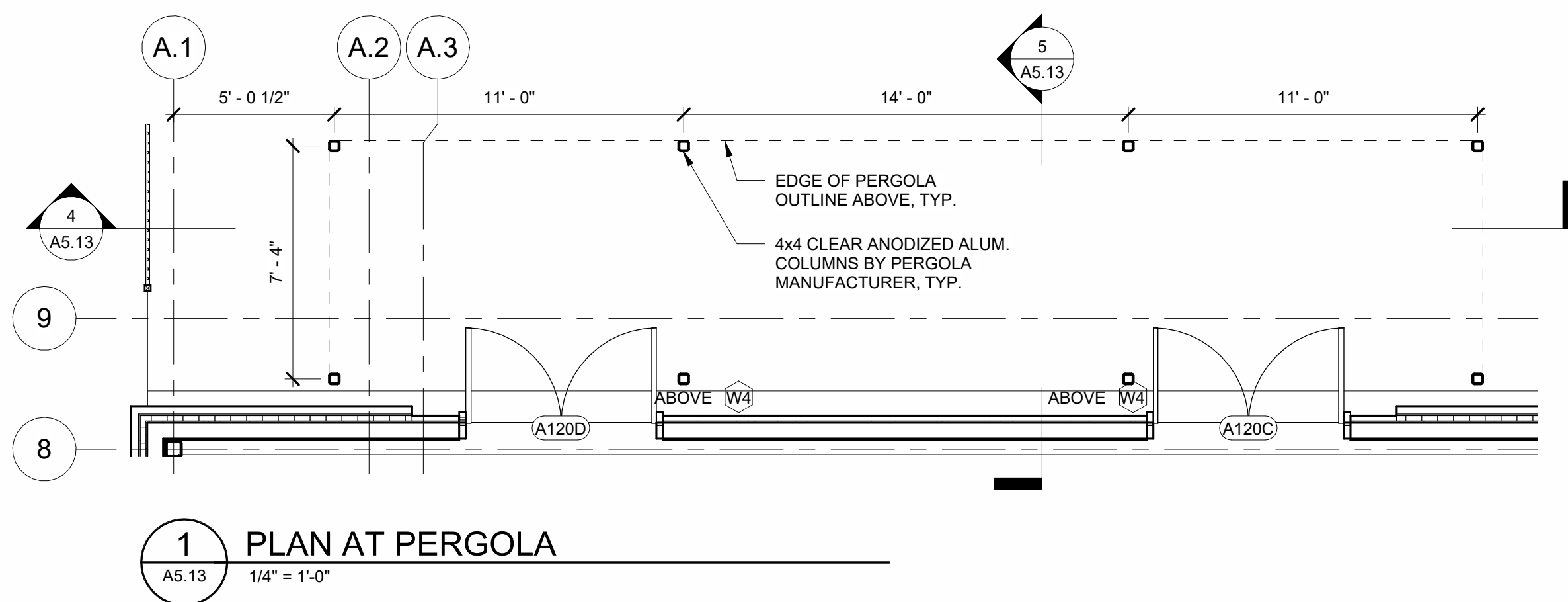
SHEET NO.

A5.08

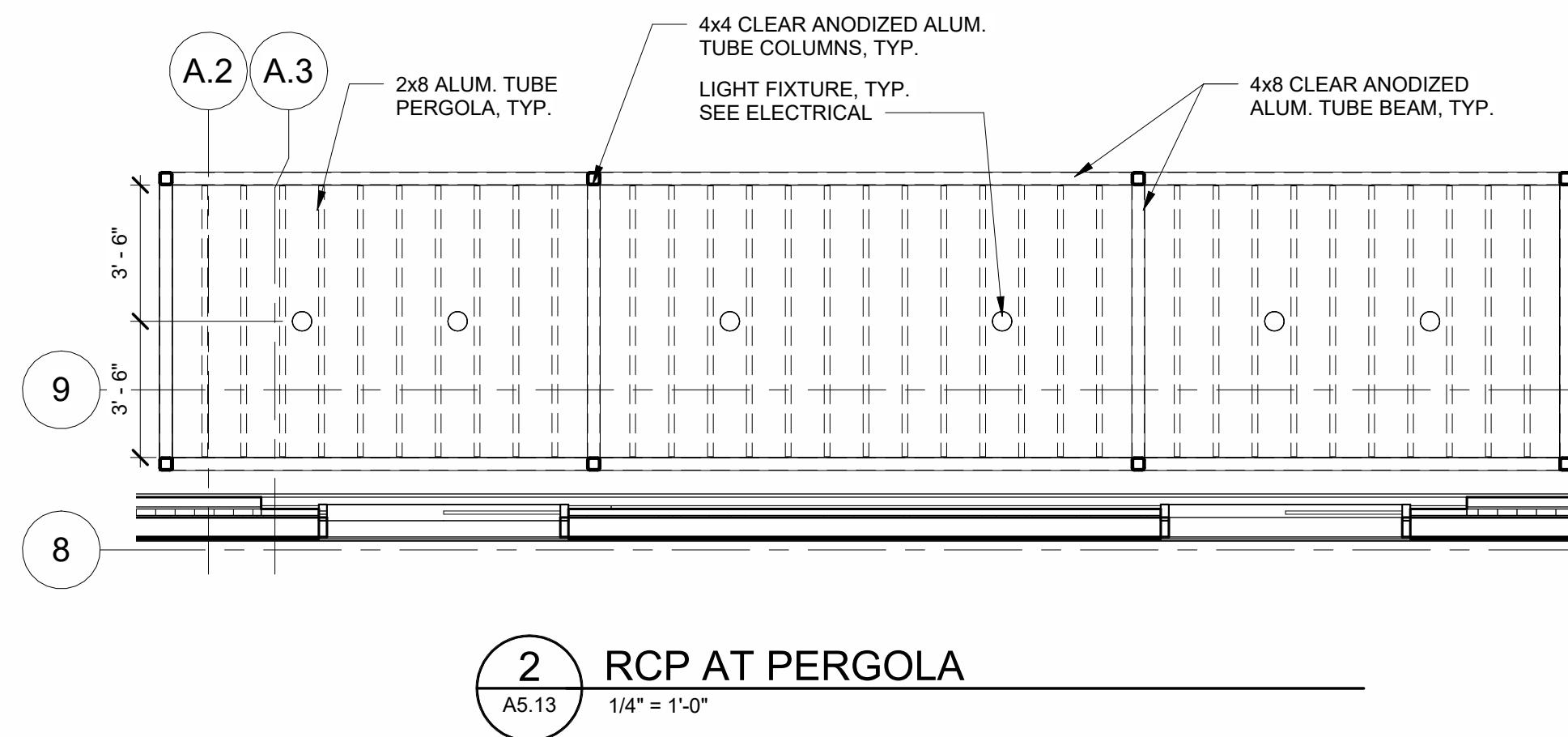
NOT FOR CONSTRUCTION



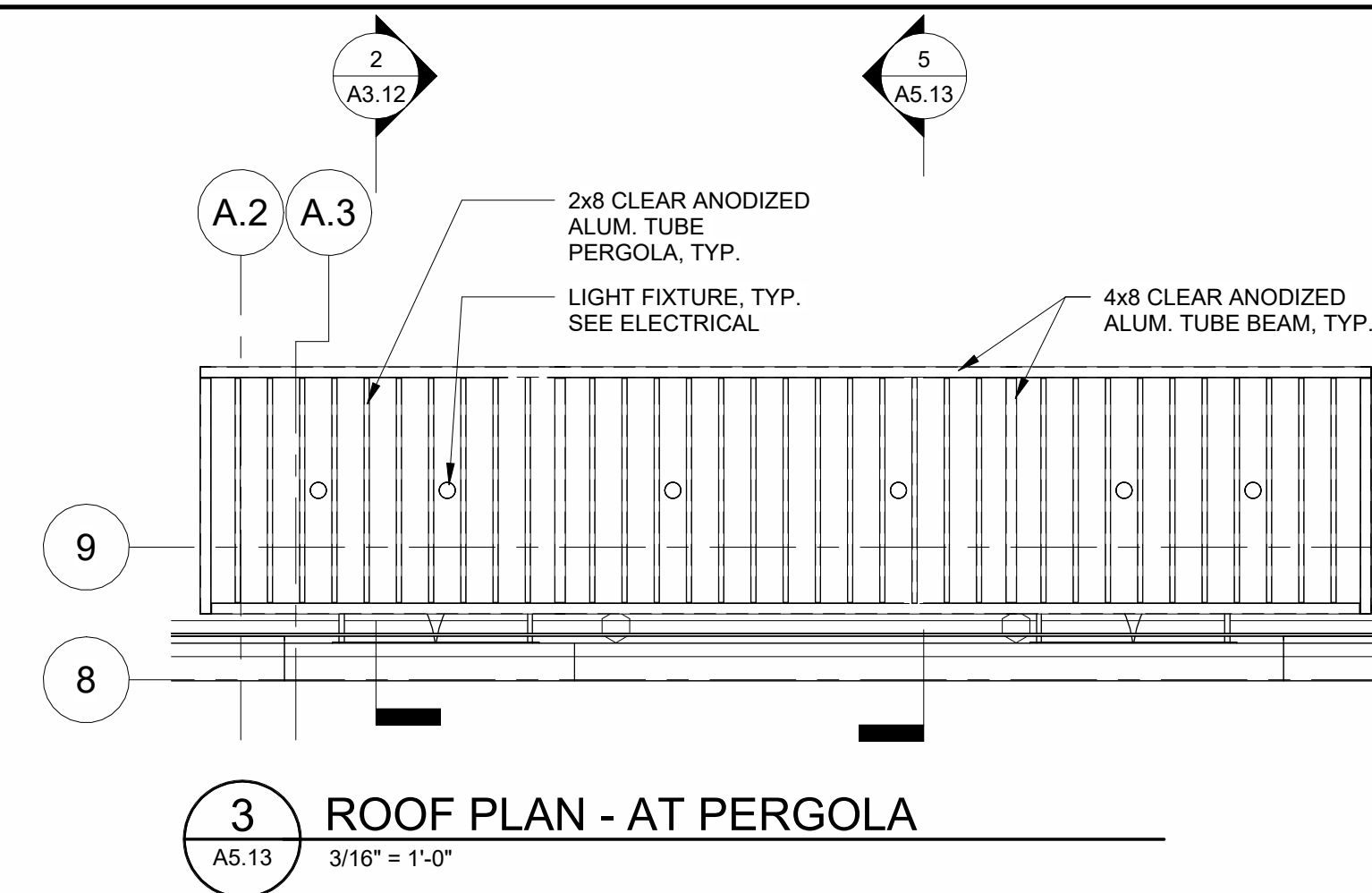
1 WALL SECTION @ ENTRANCE CANOPY
A5.08 3/4" = 1'-0"



1 PLAN AT PERGOLA
A5.13 1/4" = 1'-0"

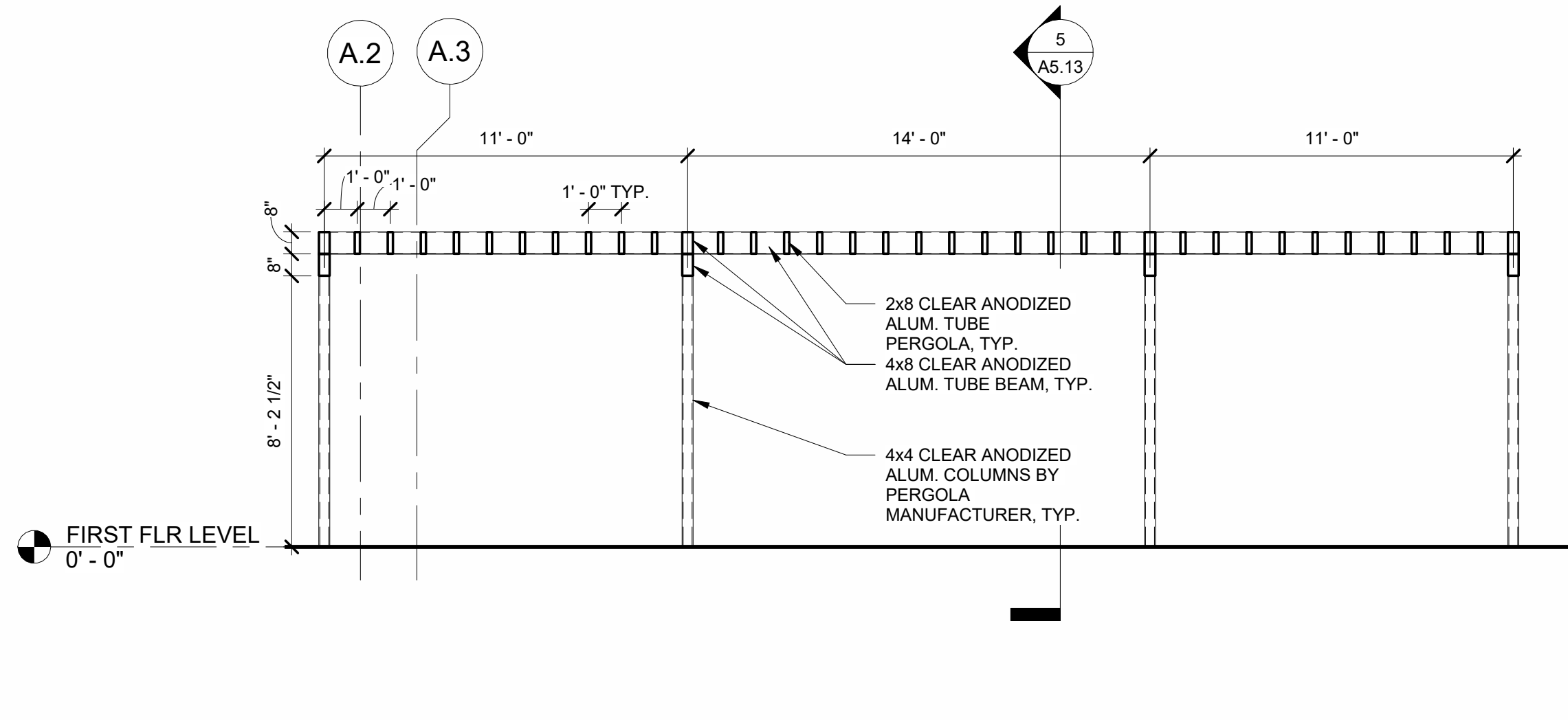


2 RCP AT PERGOLA
A5.13 1/4" = 1'-0"

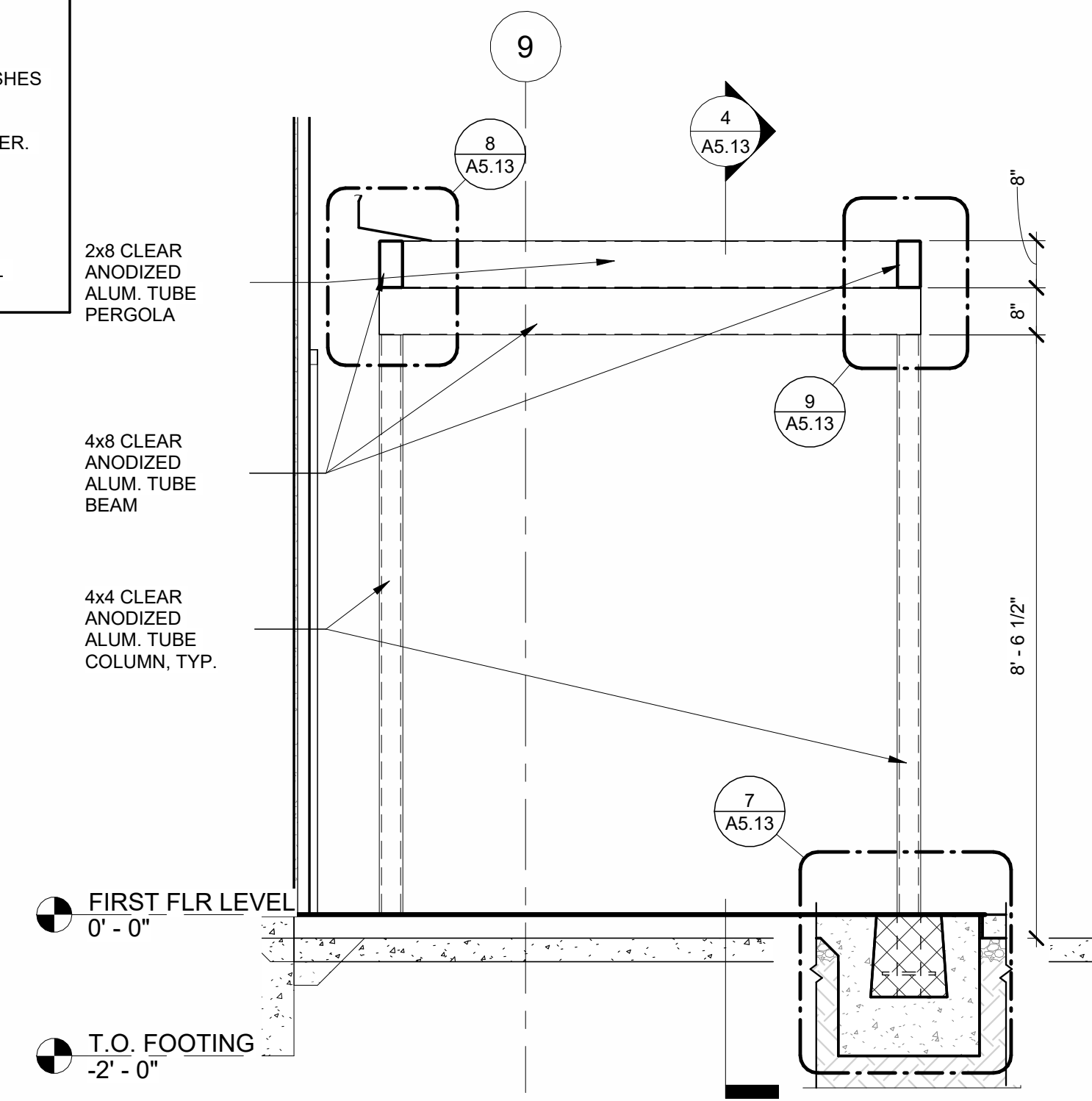


3 ROOF PLAN - AT PERGOLA
A5.13 3/16" = 1'-0"

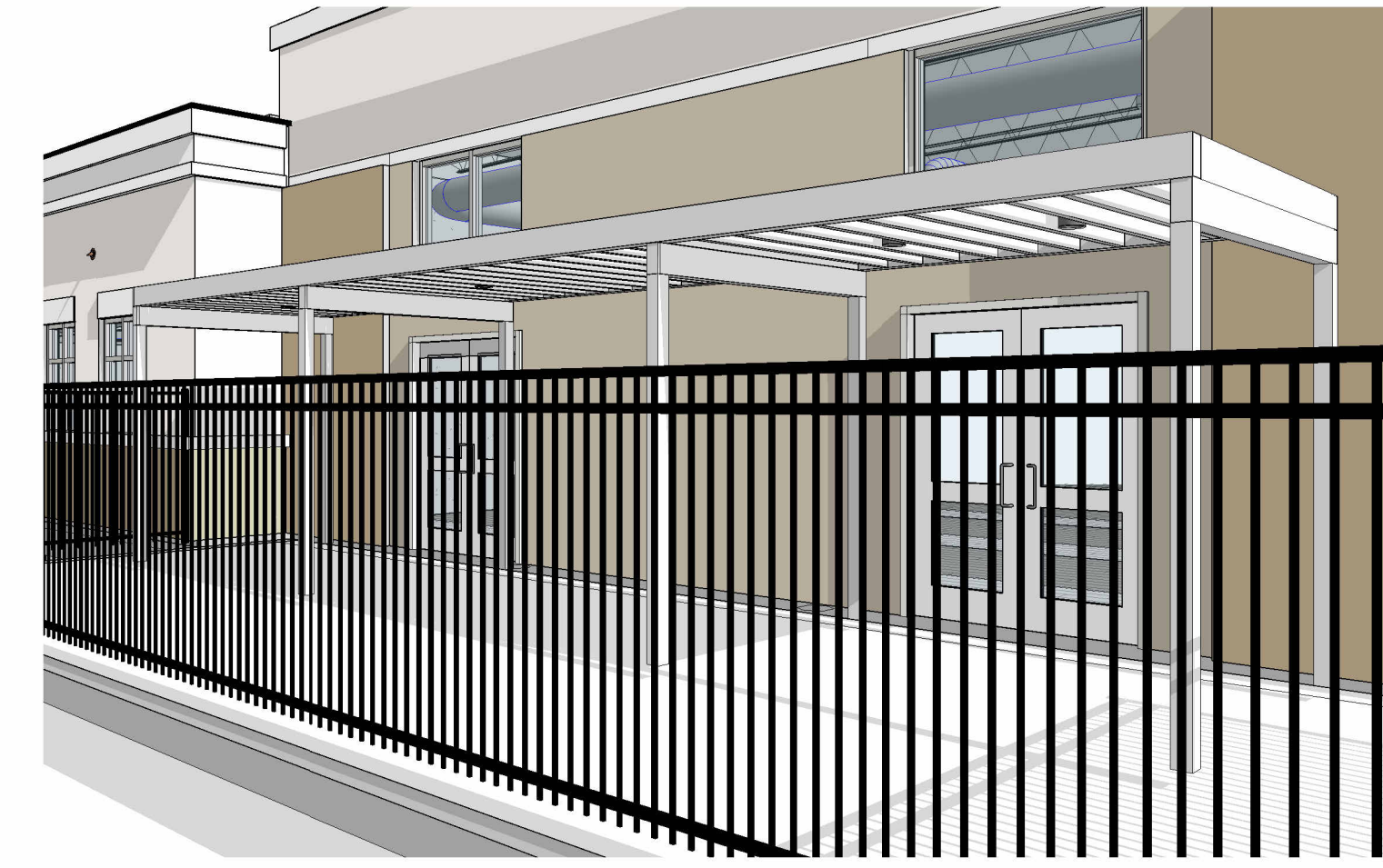
METAL PERGOLA NOTE:
METAL PERGOLA IS A PRE-ENGINEERED ALUMINUM TUBE STRUCTURE. ALL PARTS AND FINISHES ARE PROVIDED BY MANUFACTURER UNO.
INSTALLATION OF ALL PARTS MUST BE IN STRICT ACCORDANCE OF PERGOLA MANUFACTURER. INSTALLER SHALL BE APPROVED BY MANUFACTURER. SEE SPECIFICATIONS.
BASIS OF DESIGN: ALUMINUM WALKWAY COVERS BY MITCHELL METALS.
NO EXPOSED CONDUIT. RUN ALL CONDUIT INSIDE FRAMING. COORDINATE WITH ELECTRICAL.



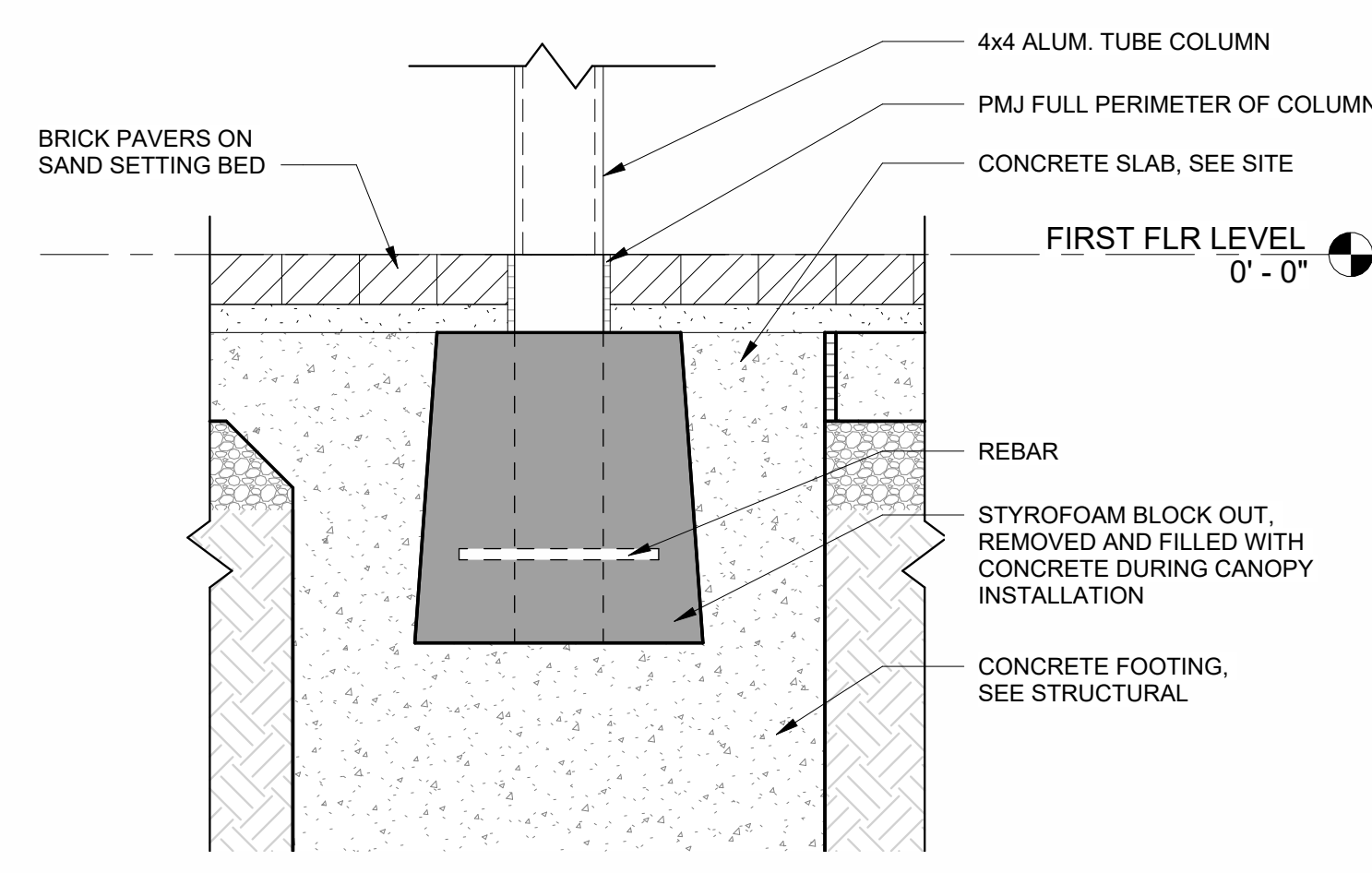
4 LONGITUDINAL SECTION AT PERGOLA
A5.13 1/4" = 1'-0"



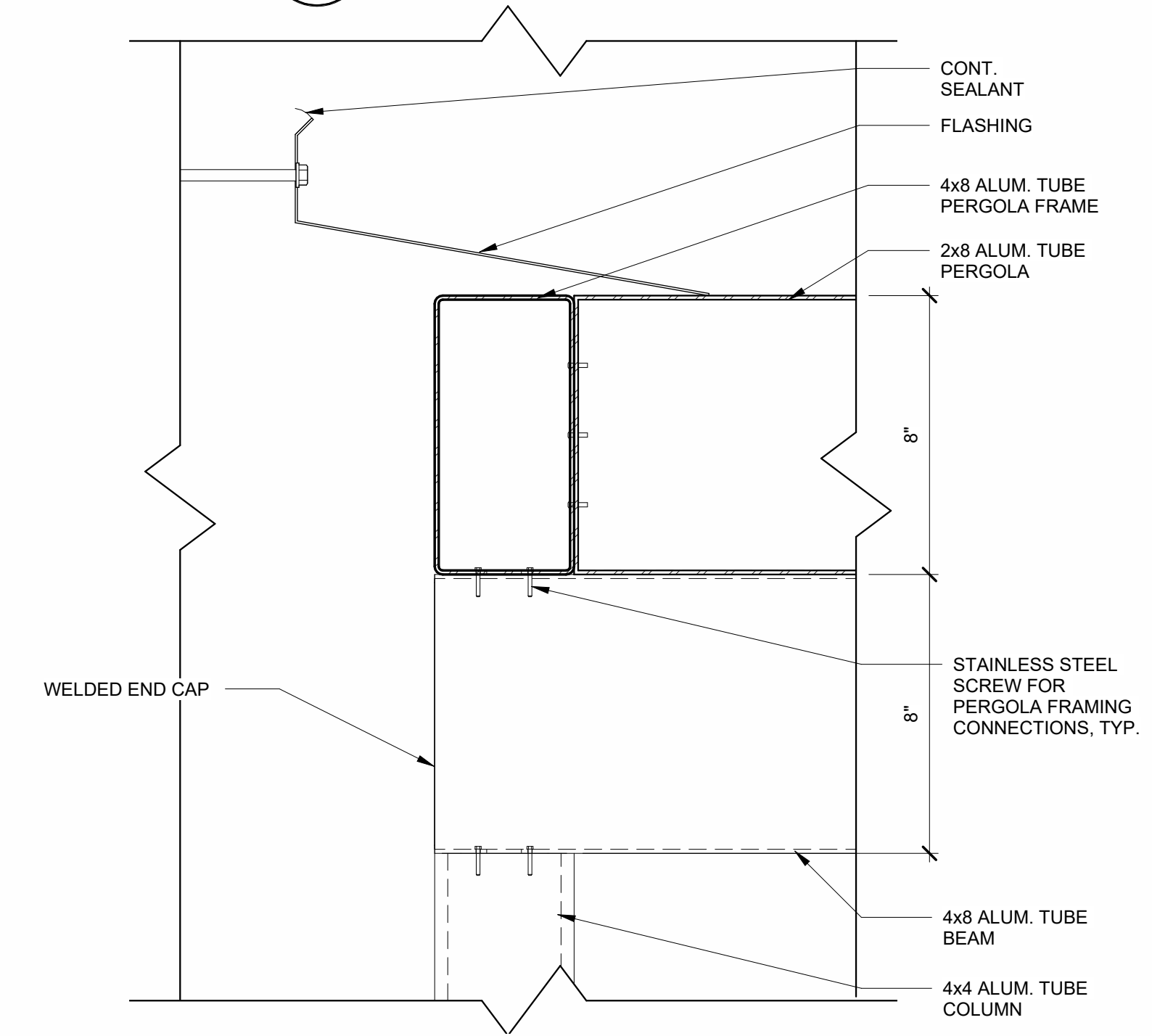
5 CROSS SECTION AT PERGOLA
A5.13 1/2" = 1'-0"



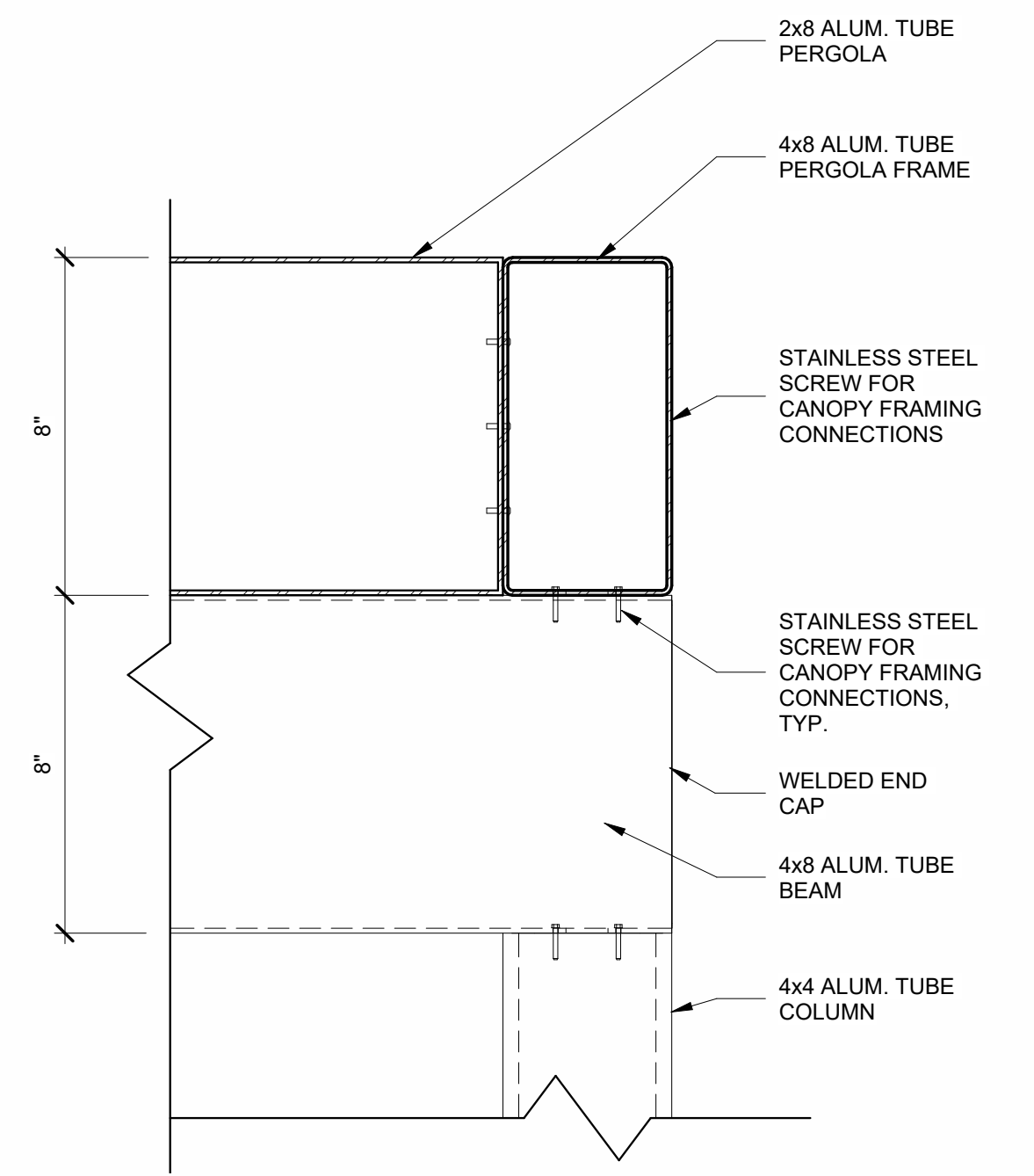
6 PERGOLA PERSPECTIVE VIEW
A5.13



7 METAL PERGOLA DETAIL AT COLUMN FOOTING
A5.13 1 1/2" = 1'-0"



8 METAL PERGOLA DETAIL AT WALL
A5.13 3" = 1'-0"



9 METAL PERGOLA DETAIL
A5.13 3" = 1'-0"

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SHEET TITLE
METAL PERGOLA DETAILS

PROJECT NO. 21091
DATE 06/21/2024
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A5.13

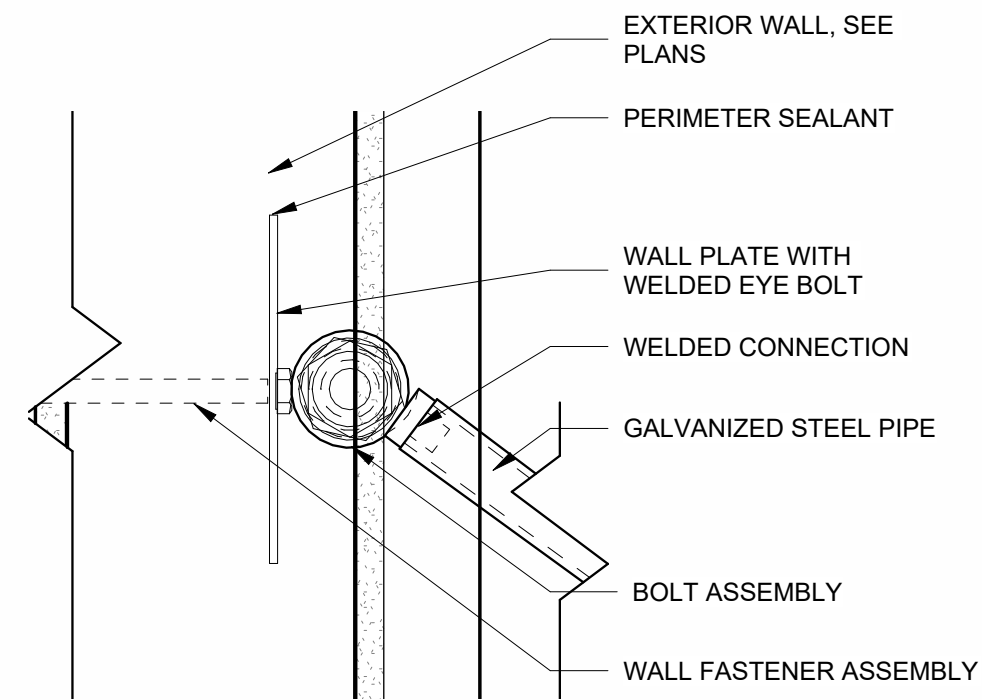
METAL CANOPY NOTE:

METAL CANOPY IS A PRE-ENGINEERED ALUMINUM STRUCTURE. ALL PARTS AND FINISHES ARE PROVIDED BY MANUFACTURER.

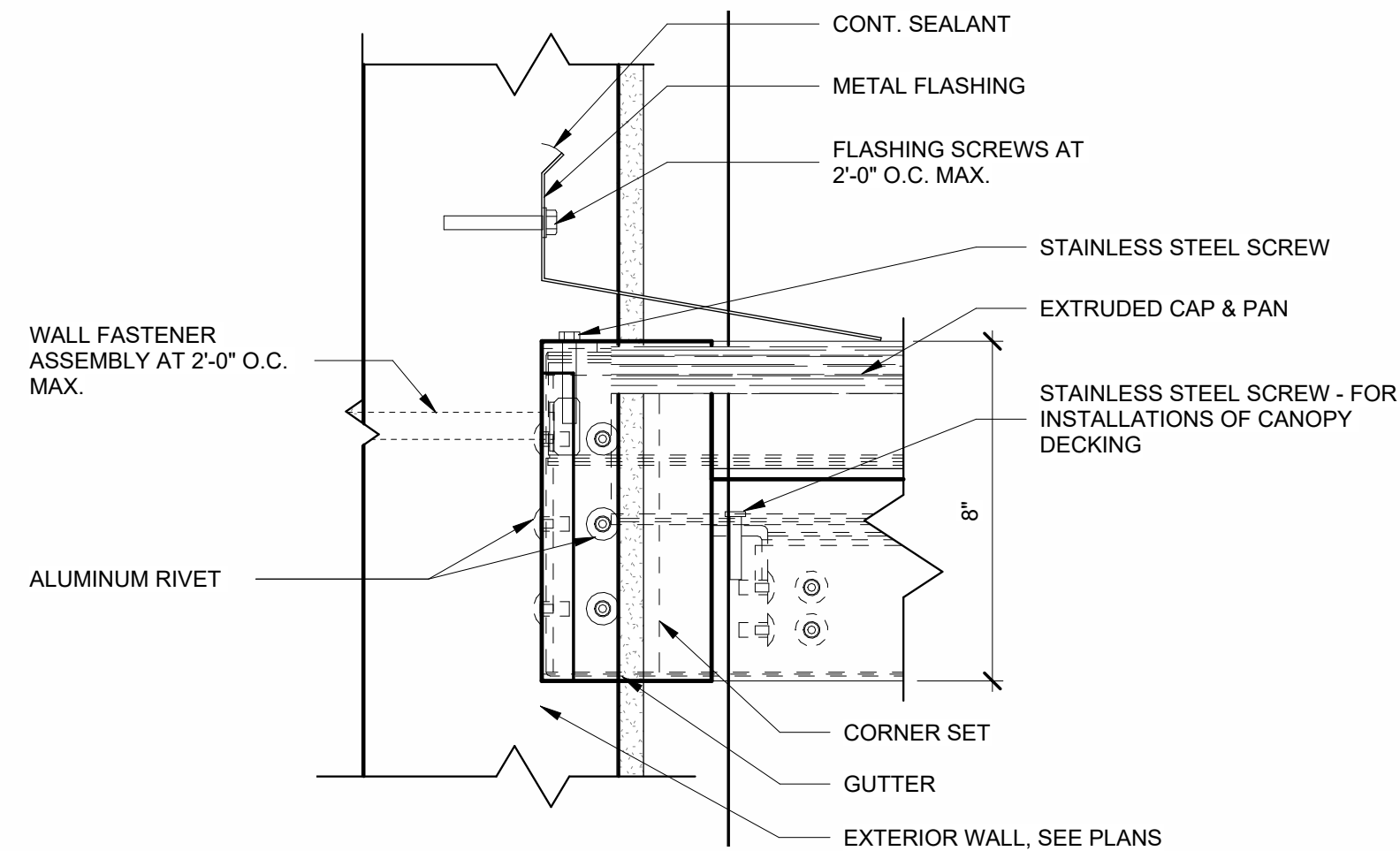
INSTALLATION OF ALL PARTS MUST BE IN STRICT ACCORDANCE OF CANOPY MANUFACTURER. INSTALLER SHALL BE APPROVED BY MANUFACTURER. SEE SPECIFICATIONS.

BASIS OF DESIGN: OVERHEAD SUPPORTED CANOPY BY MITCHELL METALS.

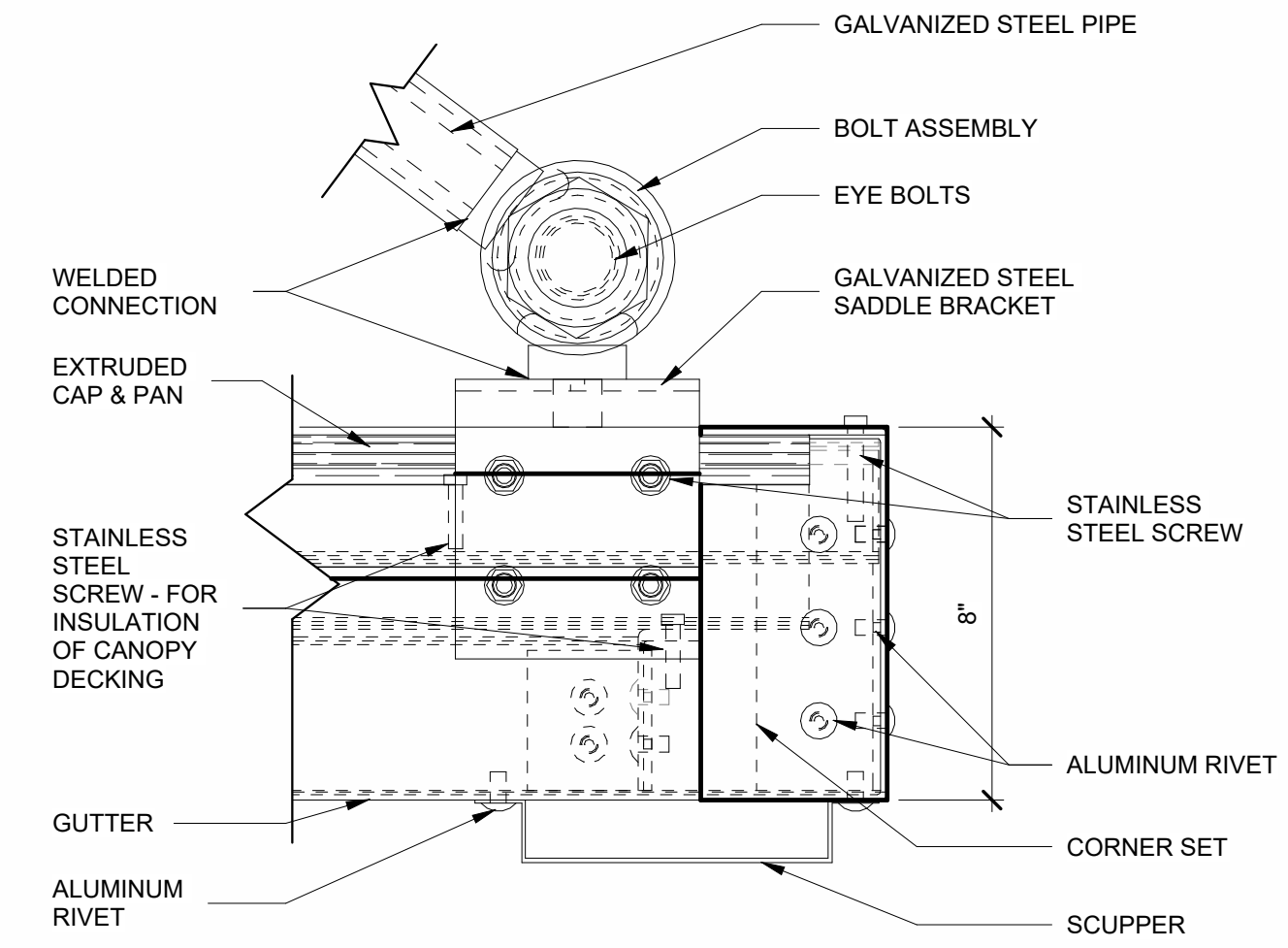
NO EXPOSED CONDUIT. RUN ALL CONDUIT INSIDE FRAMING. COORDINATE WITH ELECTRICAL



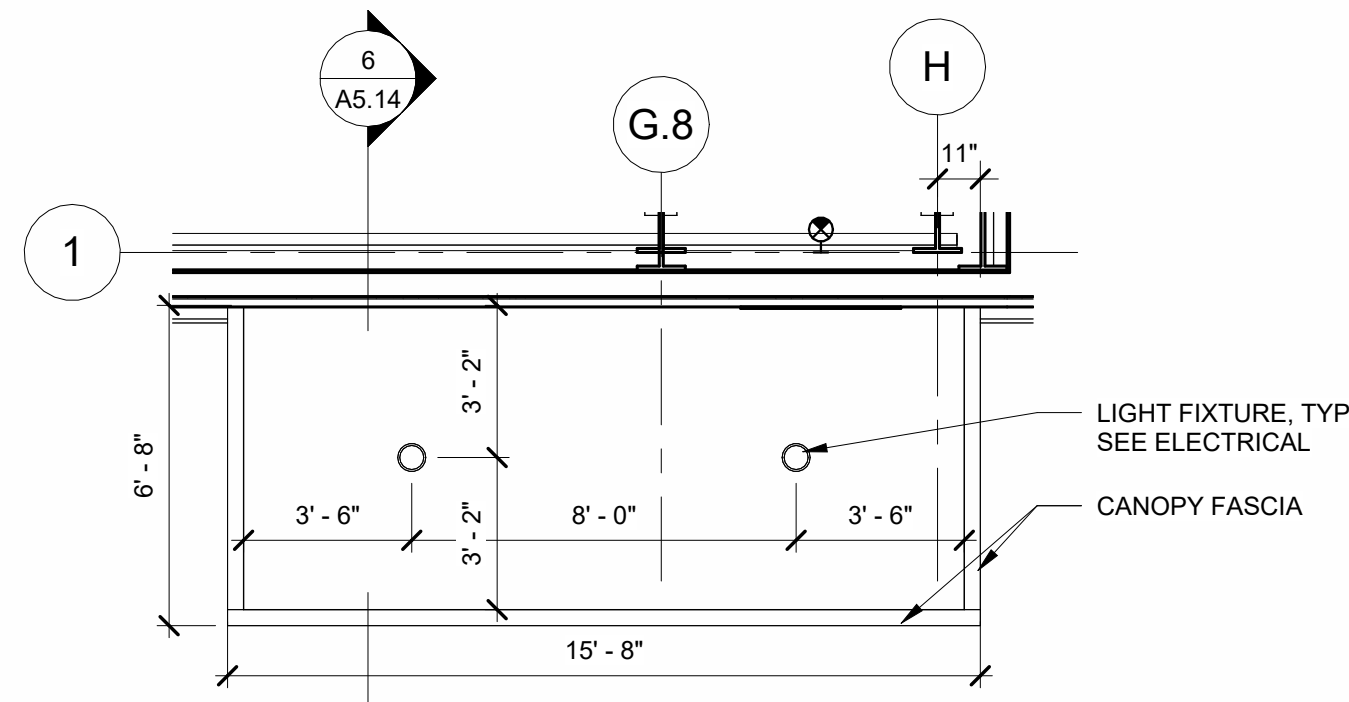
1 METAL CANOPY DETAIL AT STEEL SUPPORT ROD
A5.14 3" = 1'-0"



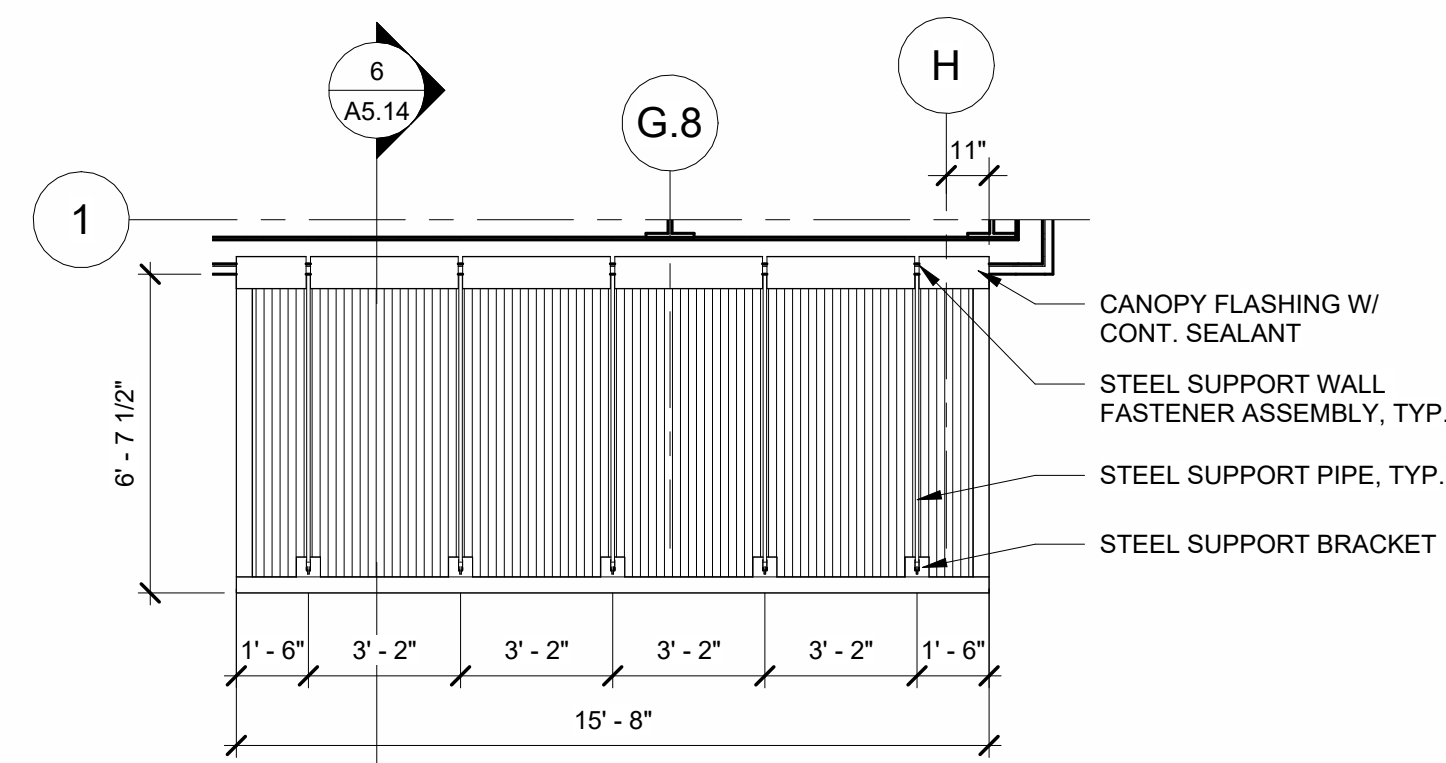
2 METAL CANOPY DETAIL AT CONNECTION TO WALL
A5.14 3" = 1'-0"



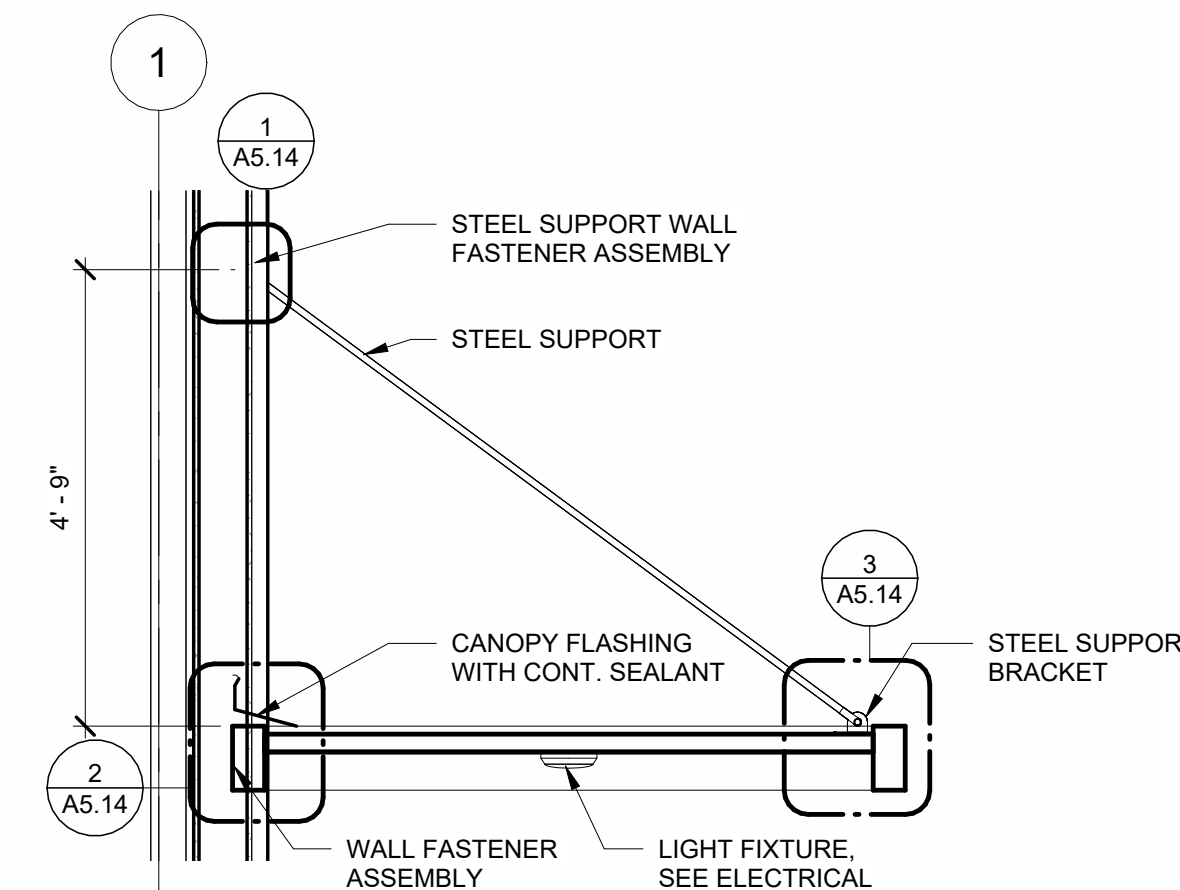
3 METAL CANOPY DETAIL AT SUPPORT ROD CONNECTION TO CANOPY
A5.14 3" = 1'-0"



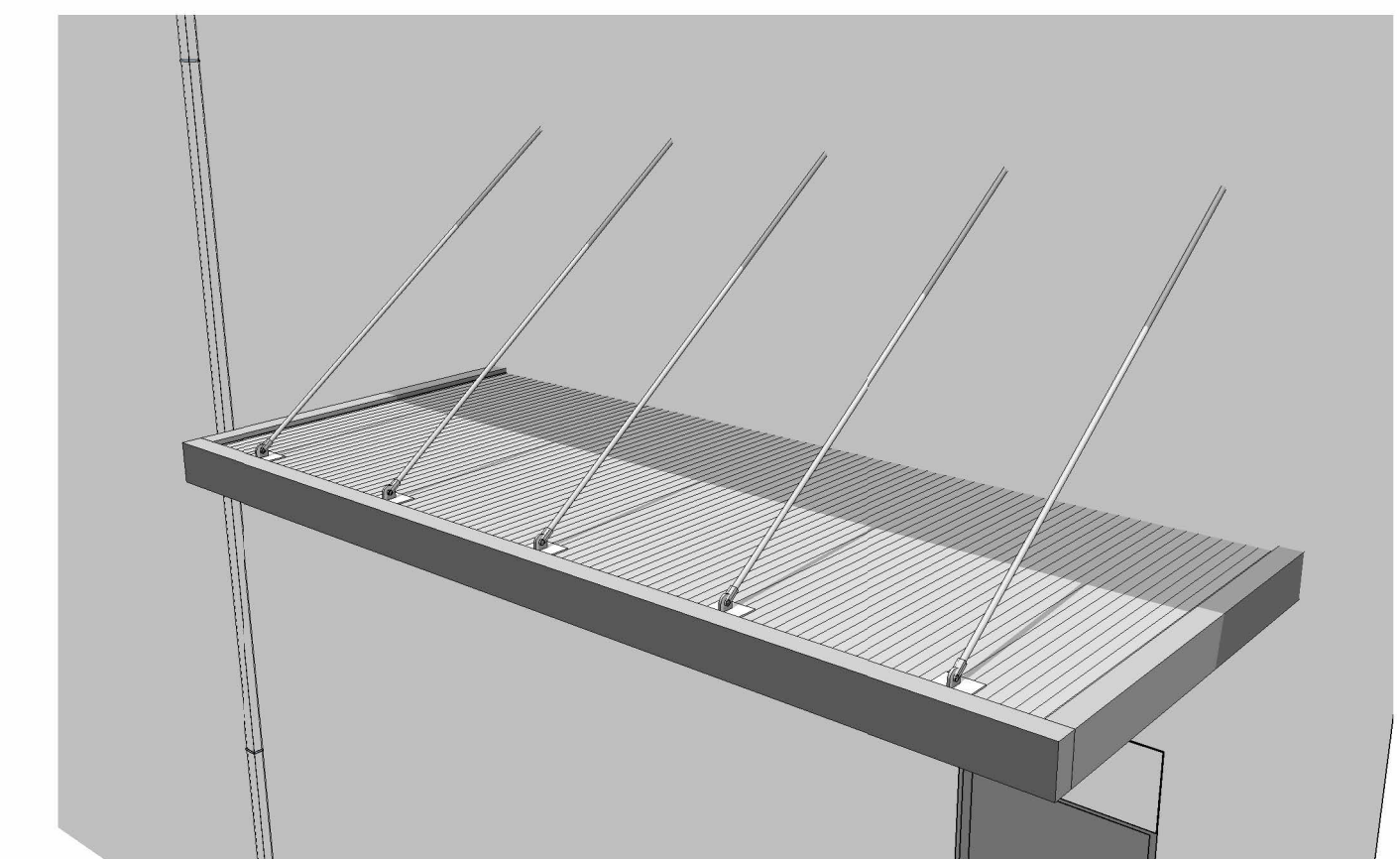
4 RCP AT METAL CANOPY
A5.14 1/4" = 1'-0"



5 ROOF PLAN AT METAL CANOPY
A5.14 1/4" = 1'-0"



6 SECTION AT METAL CANOPY
A5.14 1/2" = 1'-0"



7 METAL CANOPY PERSPECTIVE VIEW
A5.14

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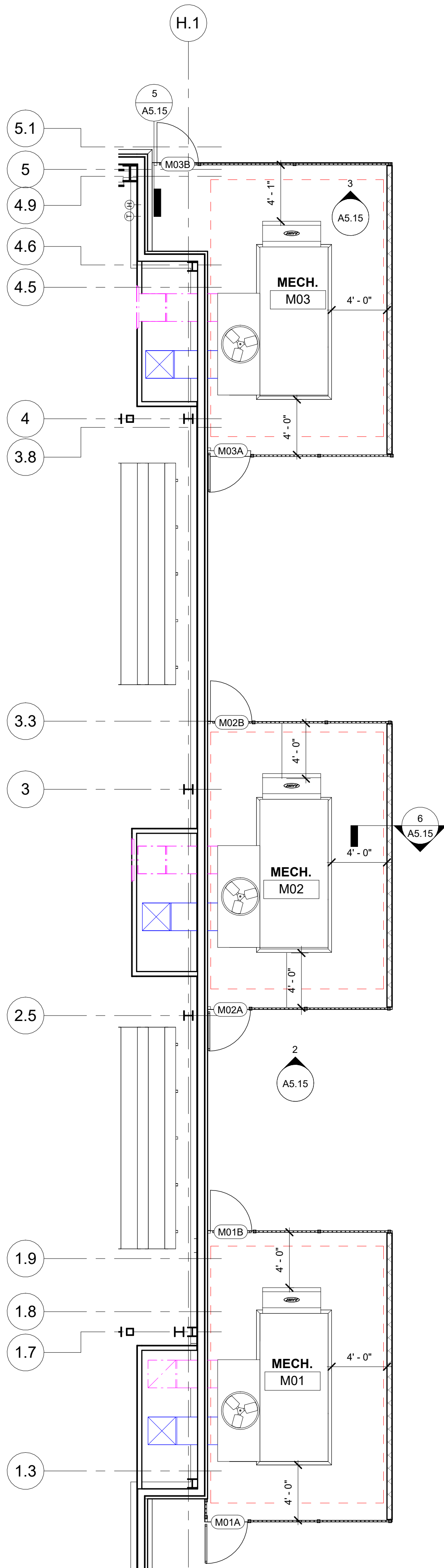
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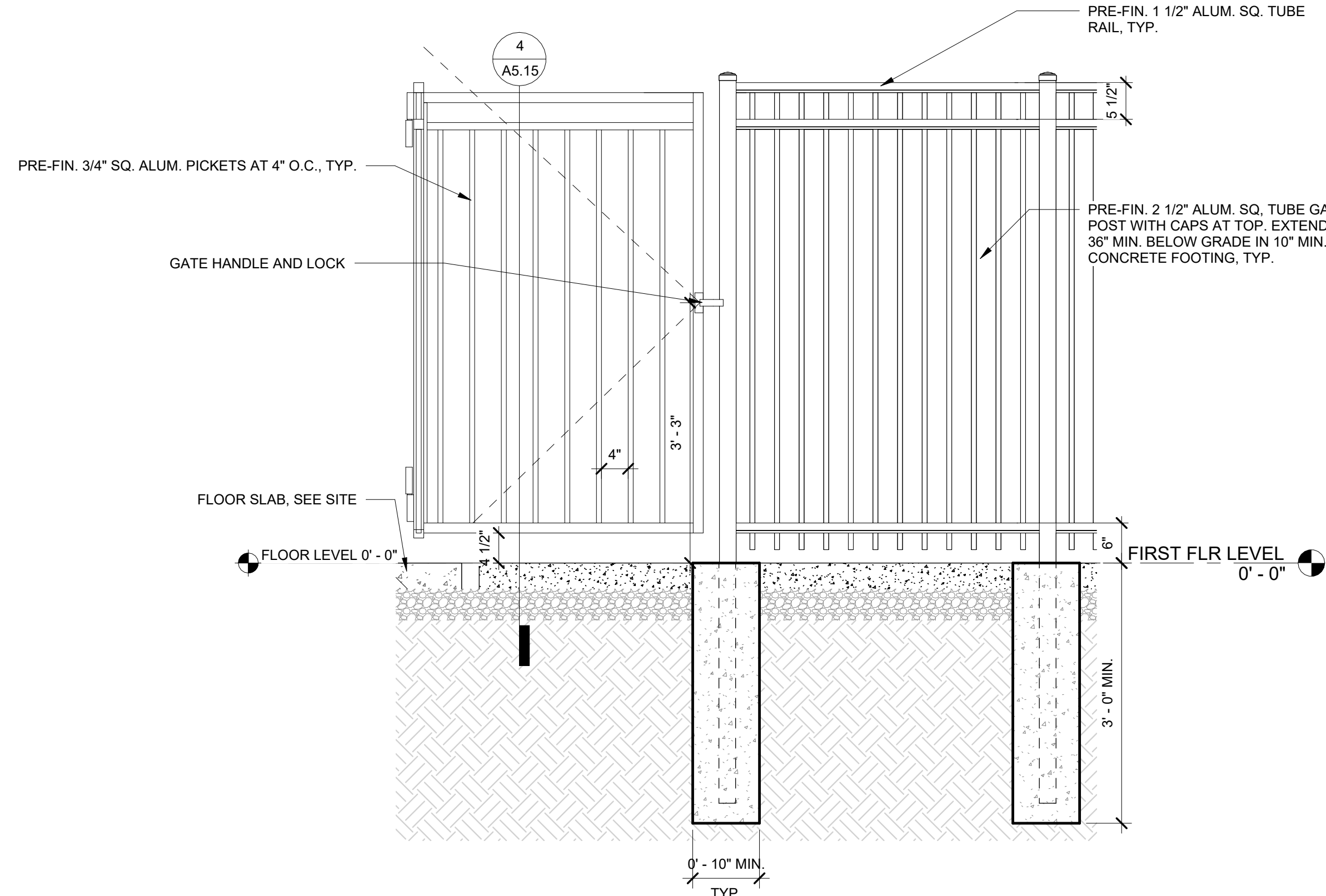
CANOPY DETAILS

PROJECT NO. **21091** DATE **06/21/2024**
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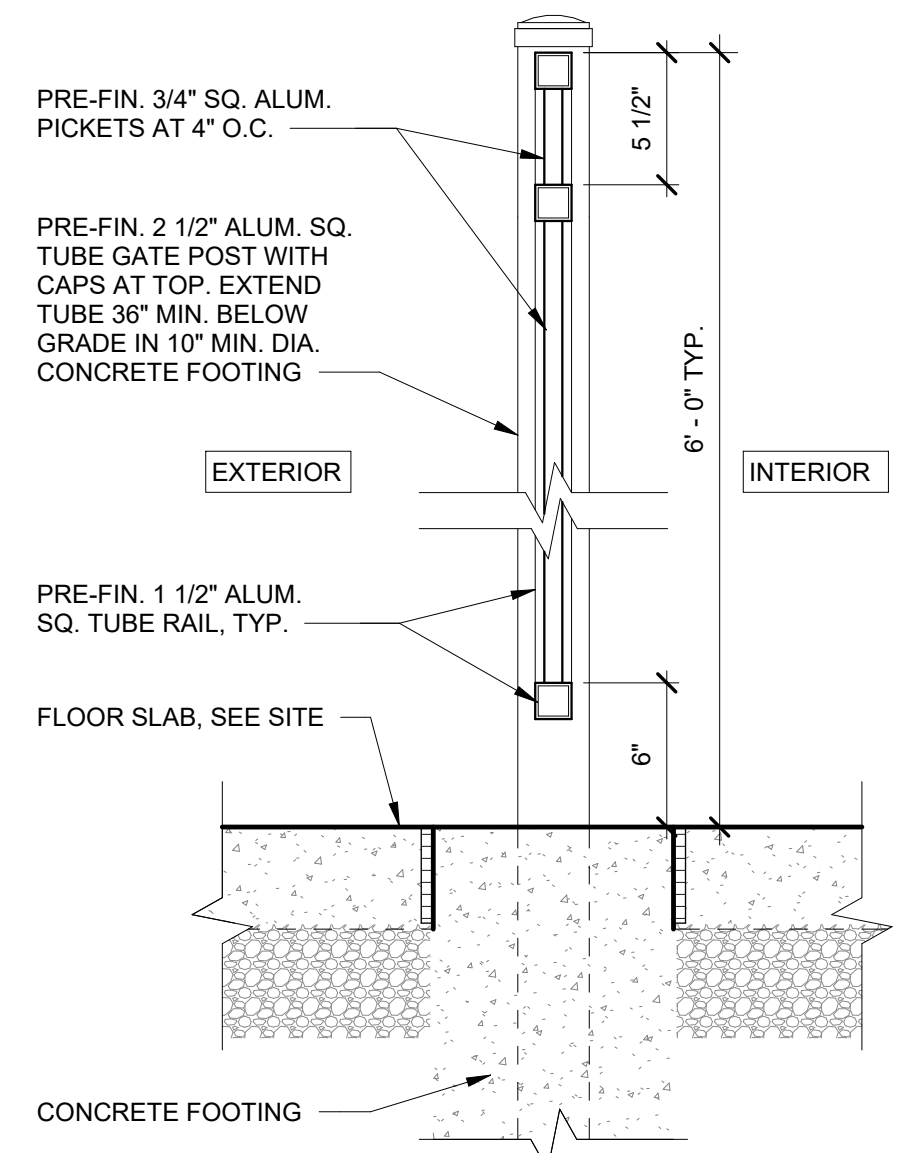
A5.14



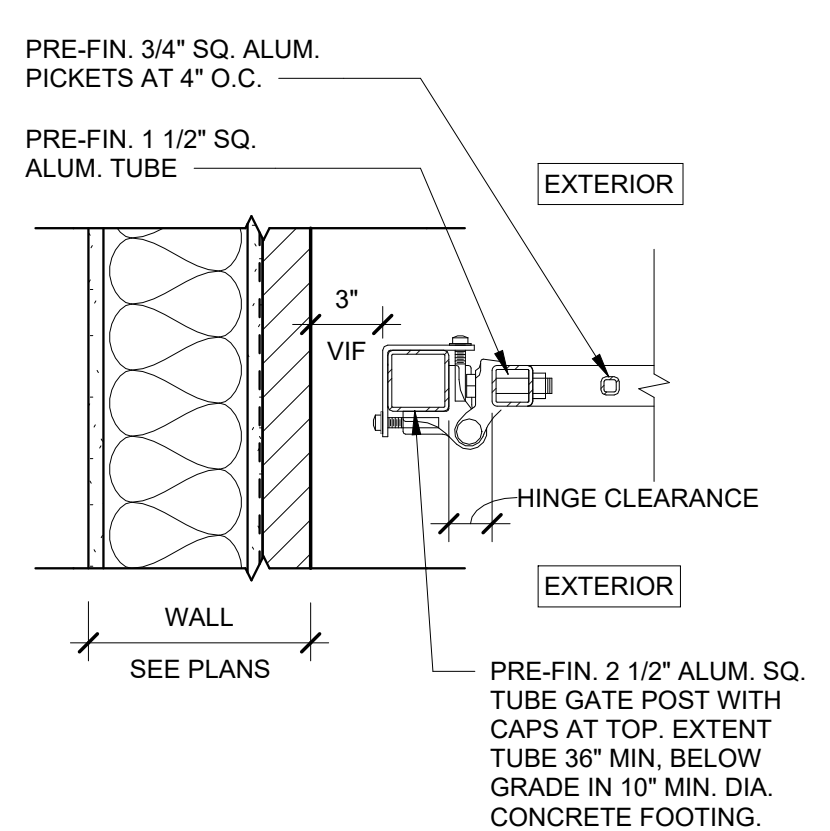
1 MECH. YARD PLAN
A5.15 3/16" = 1'-0"



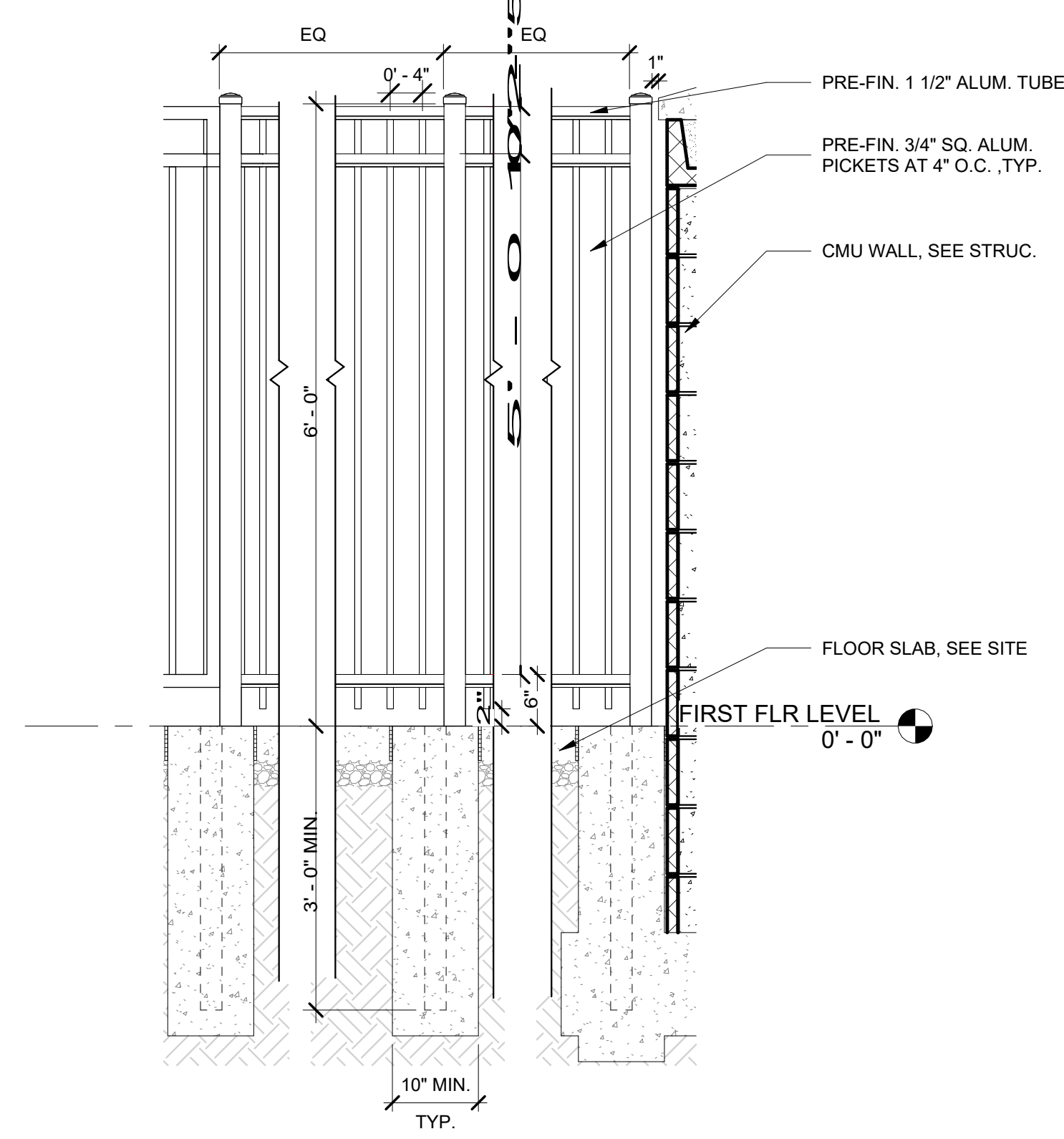
2 FENCE AND GATE ELEVATION DETAIL
A5.15 3/4" = 1'-0"



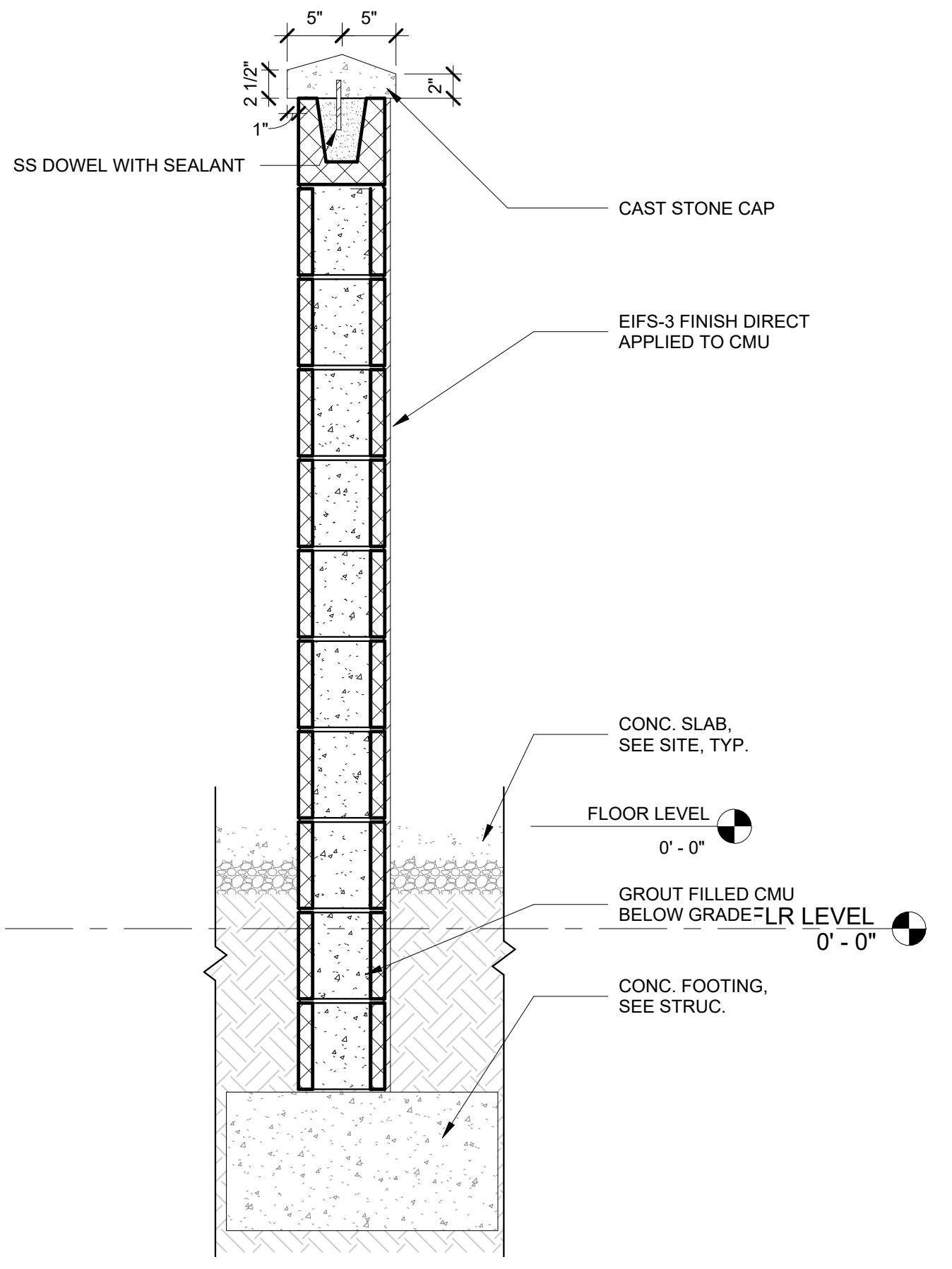
4 GATE SECTION DETAIL
A5.15 1 1/2" = 1'-0"



5 GATE JAMB DETAIL
A5.15 1 1/2" = 1'-0"



3 TYPICAL ELEVATION DETAIL AT FENCE
A5.15 3/4" = 1'-0"



6 WALL SECTION AT MECH. YARD
A5.15 1" = 1'-0"

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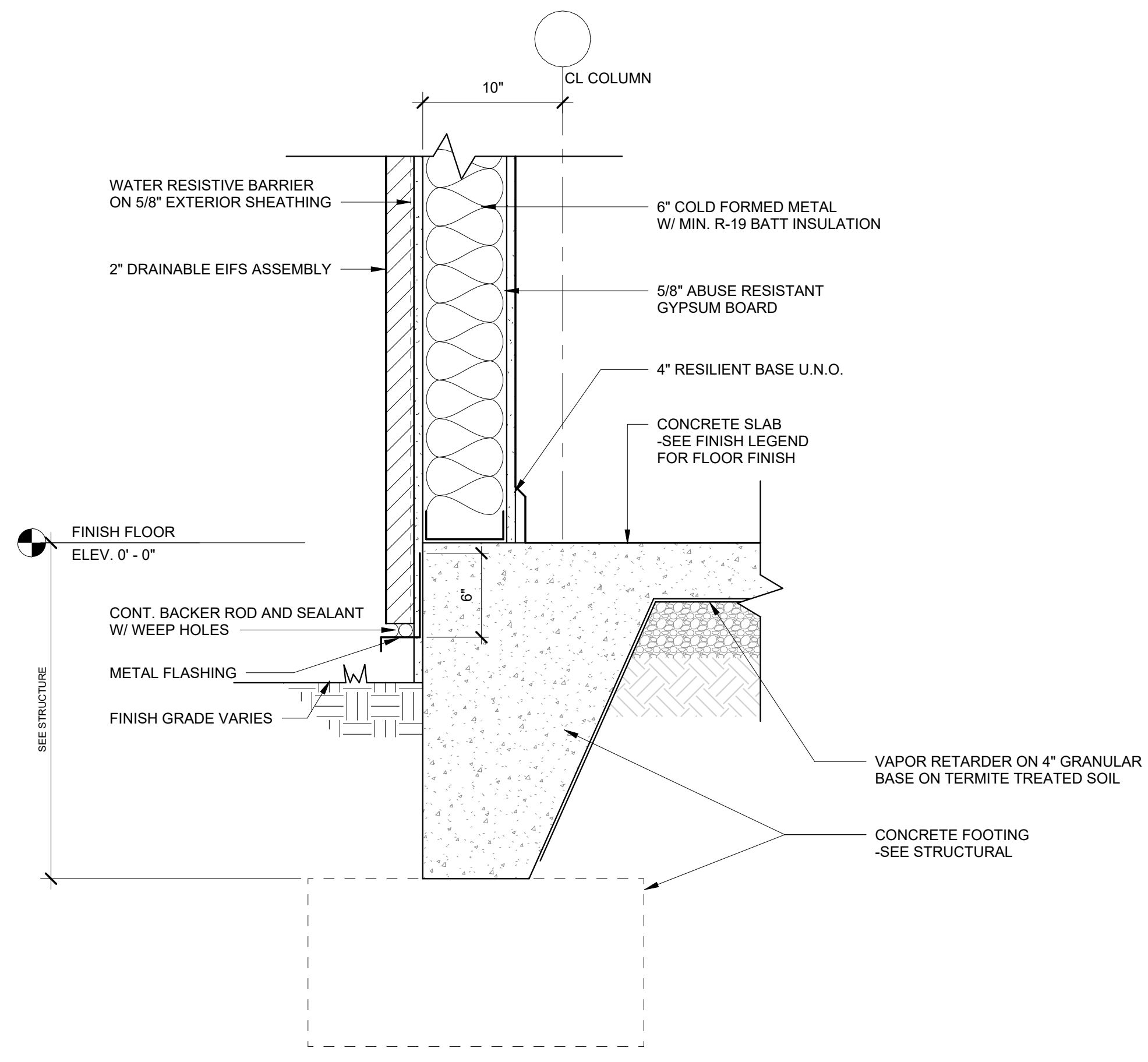
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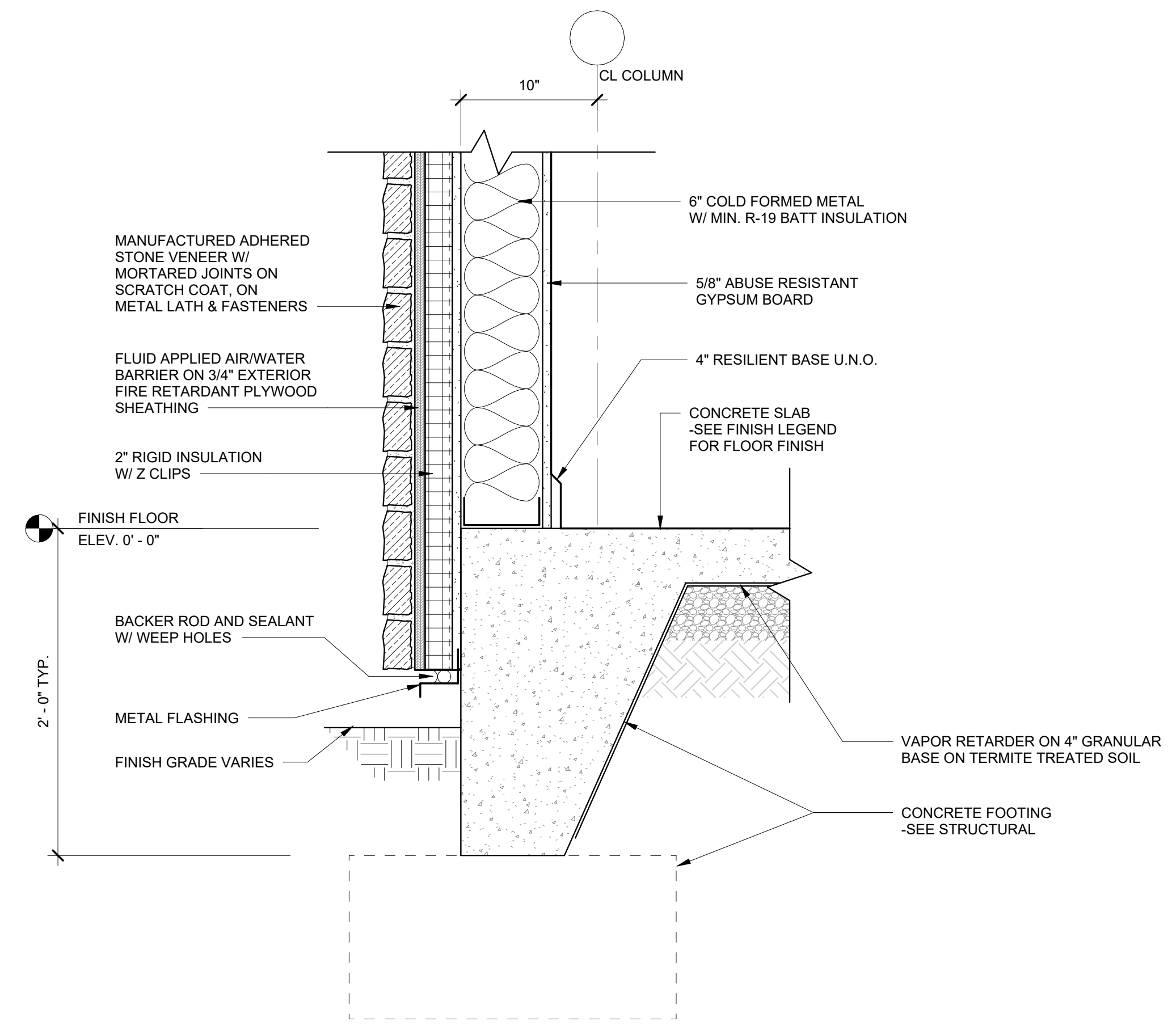
MECH. YARD PLAN AND DETAILS

PROJECT NO. 21091 DATE 06/21/2024
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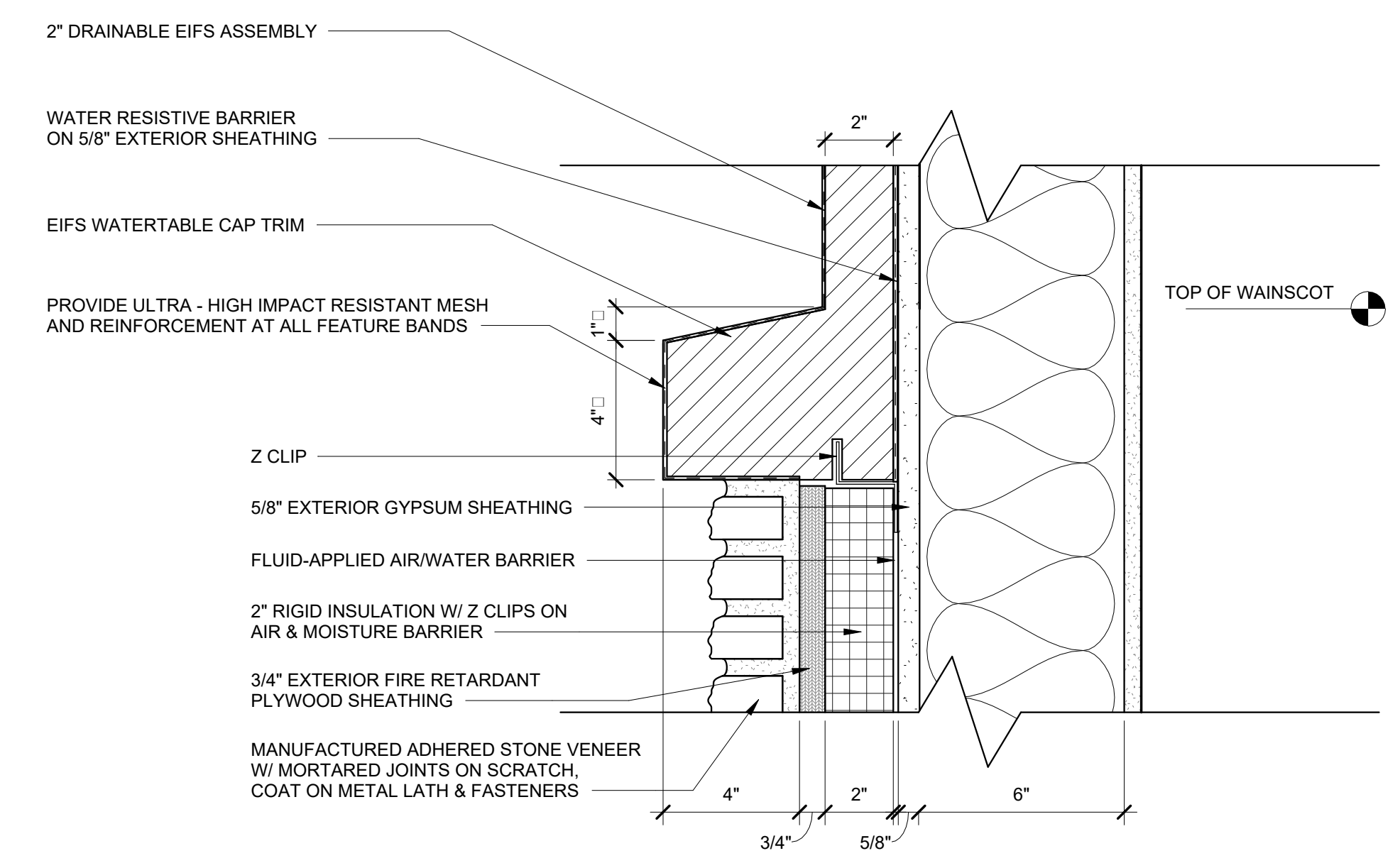
A5.15



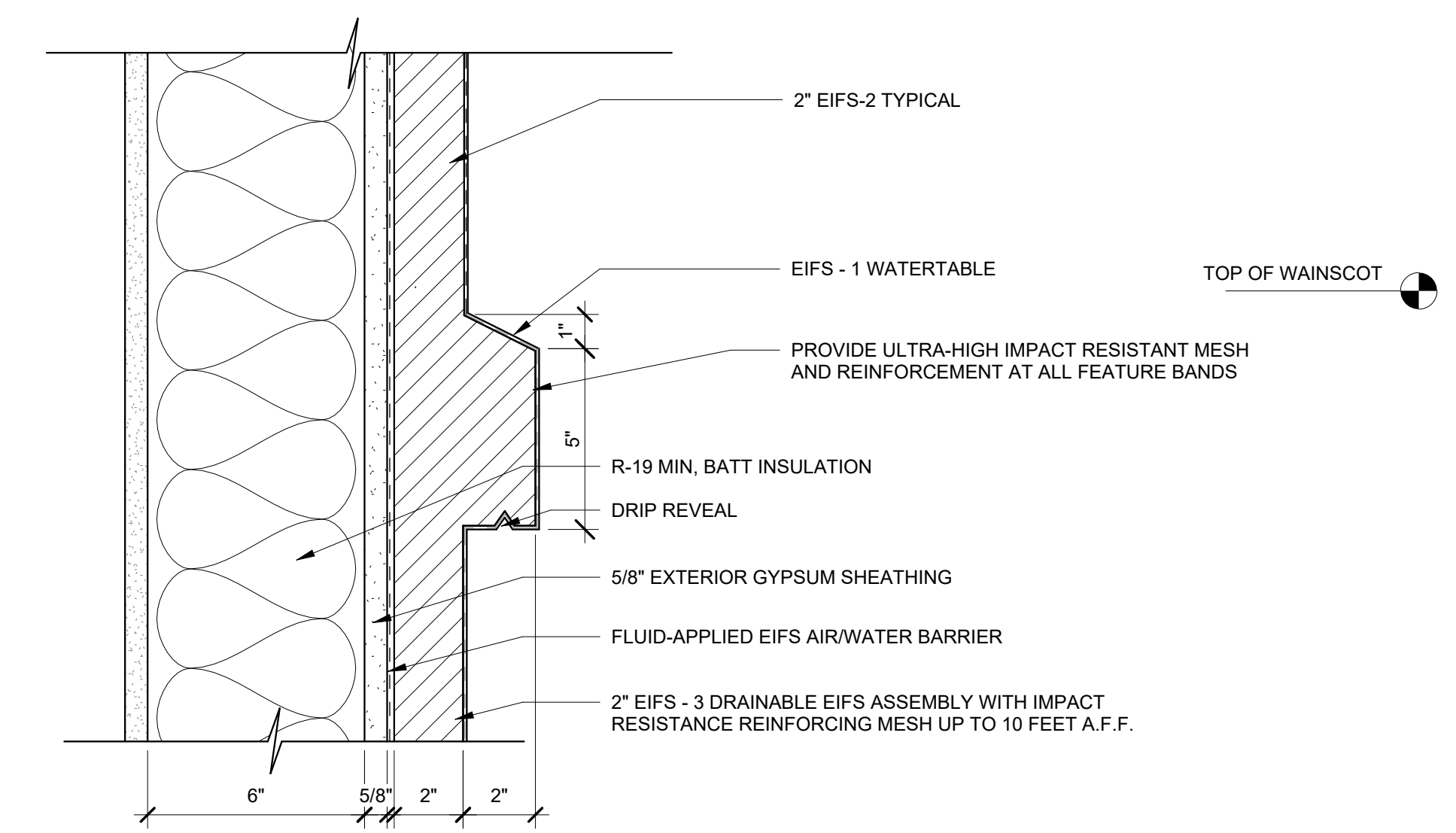
1 TYP. FOOTING DETAIL @ EIFS
A6.01 1 1/2" = 1'-0"



2 TYP. FOOTING DETAIL @ STONE
A6.01 1 1/2" = 1'-0"



3 WAINSCOT STONE WATER TABLE DETAIL
A6.01 3" = 1'-0"



4 EIFS WAINSCOT WATER TABLE DETAIL
A6.01 3" = 1'-0"

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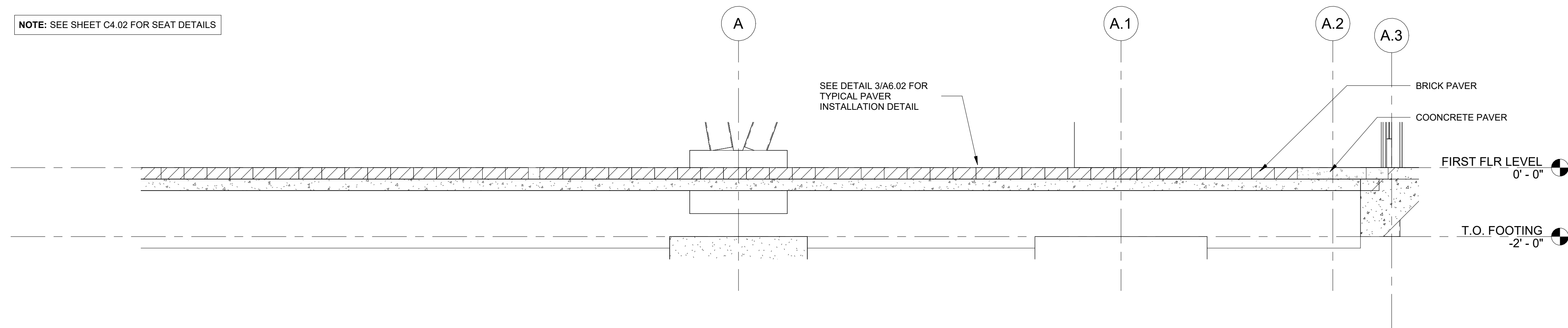
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SHEET TITLE
SECTION DETAILS

PROJECT NO. **21091** DATE **06/21/2024**
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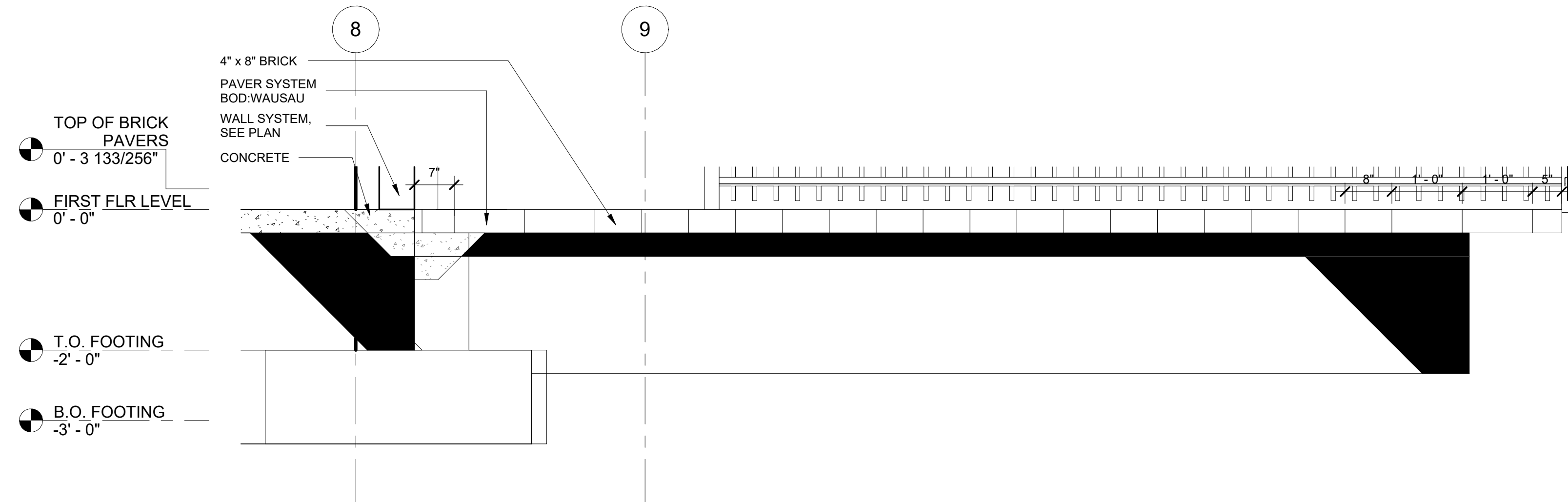
A6.01

NOTE: SEE SHEET C4.02 FOR SEAT DETAILS



1 SECTION AT ENTRANCE PAVING

A6.02 1/2" = 1'-0"

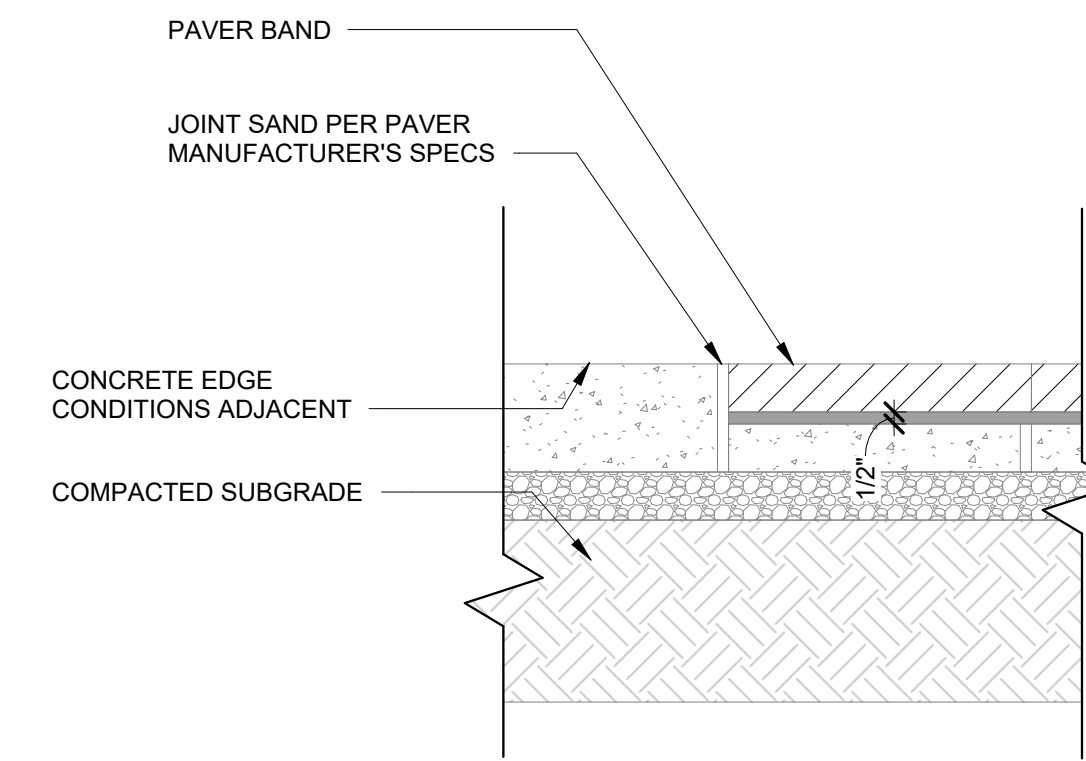


2 PATIO DETAIL

A6.02 3/4" = 1'-0"

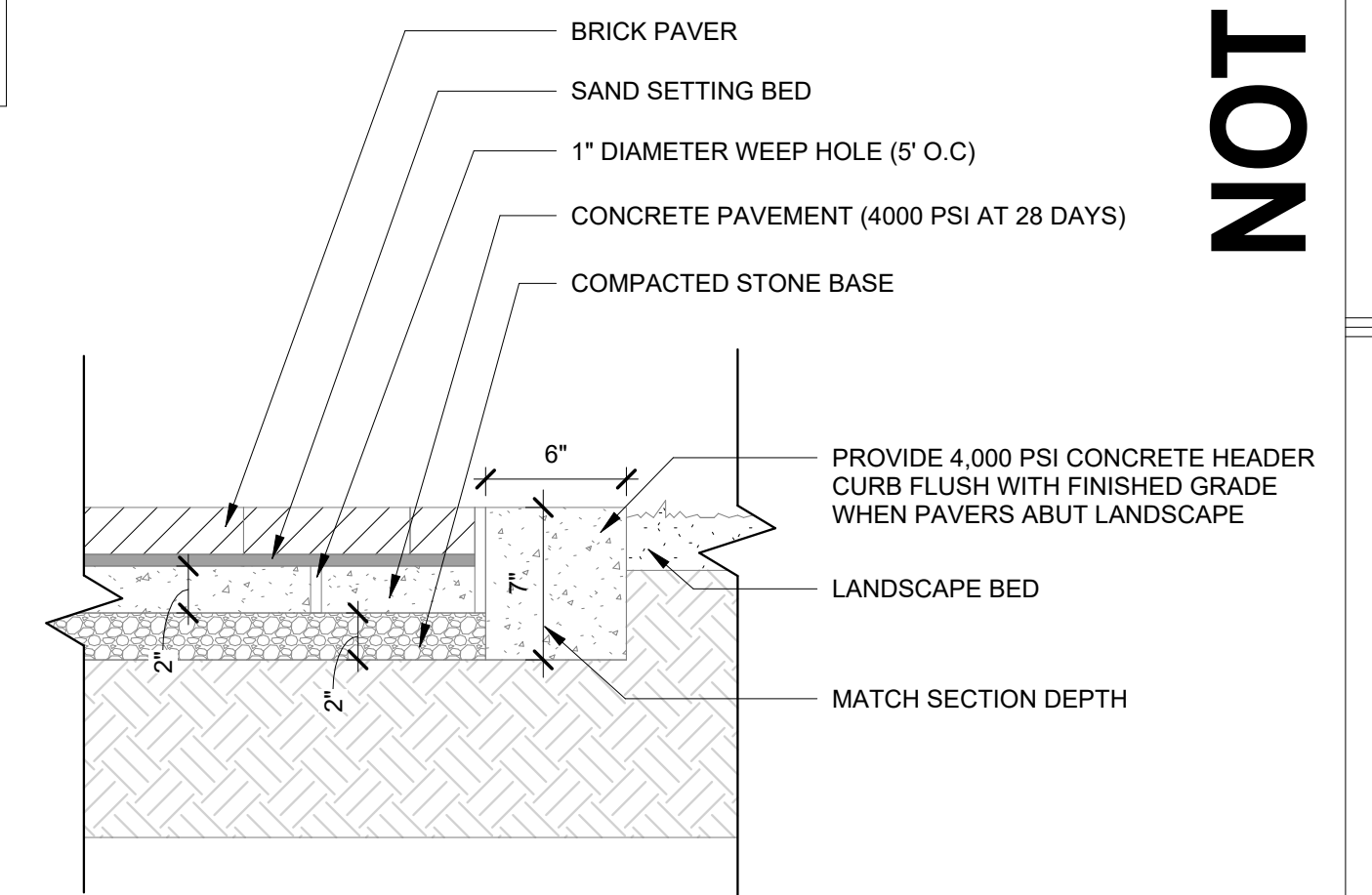
- NOTES:**
1. CONTRACTOR RESPONSIBLE FOR ENSURING ADEQUATE REINFORCEMENT IS INSTALLED.
 2. CONTRACTOR TO SUBMIT ENGINEER SHOP DRAWING FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
 3. CONCRETE FINISH SHALL BE SMOOTH TROWELED SURFACE WITH NO BUG HOLES OR PITS.
 4. WRAP 2" RELIEF AROUND SIDE/CORNER OF WALL AT EACH END.
 5. WALL SHALL BE SMOOTH AND EVEN RADIUS. NO ABRUPT CHANGES OR ANGLES SHALL BE ACCEPTED.
 6. SEE LAYOUT PLAN FOR RADIUS.
 7. SUBMIT SKATESTOP PRODUCT CUTSHEET FOR APPROVAL PRIOR TO ORDERING.

- NOTES:**
1. CONTRACTOR TO INSTALL PAVER PER MANUFACTURER'S RECOMMENDATIONS.
 2. CONTRACTOR TO PROVIDE SAMPLES FOR REVIEW, MANUFACTURER CONTACT INFORMATION, AND SUBSTITUTION REQUESTS (IF APPLICABLE) FOR ALL PAVERS PRIOR TO ORDERING.
 3. SEE PAVING PLANS ON SHEET A2.08 FOR PATTERNS.



3 PEDESTRIAN PAVER

A6.02 1 1/2" = 1'-0"



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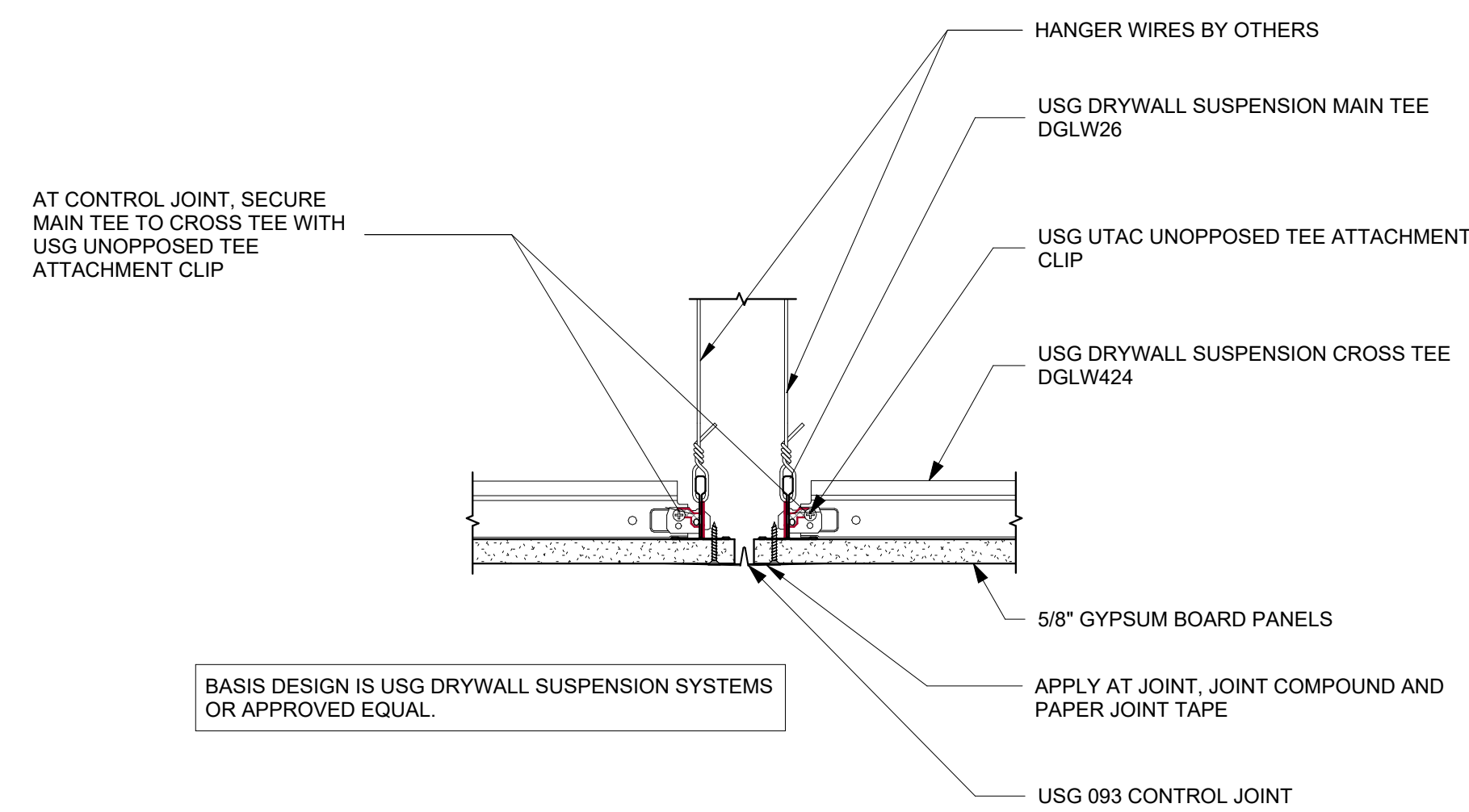
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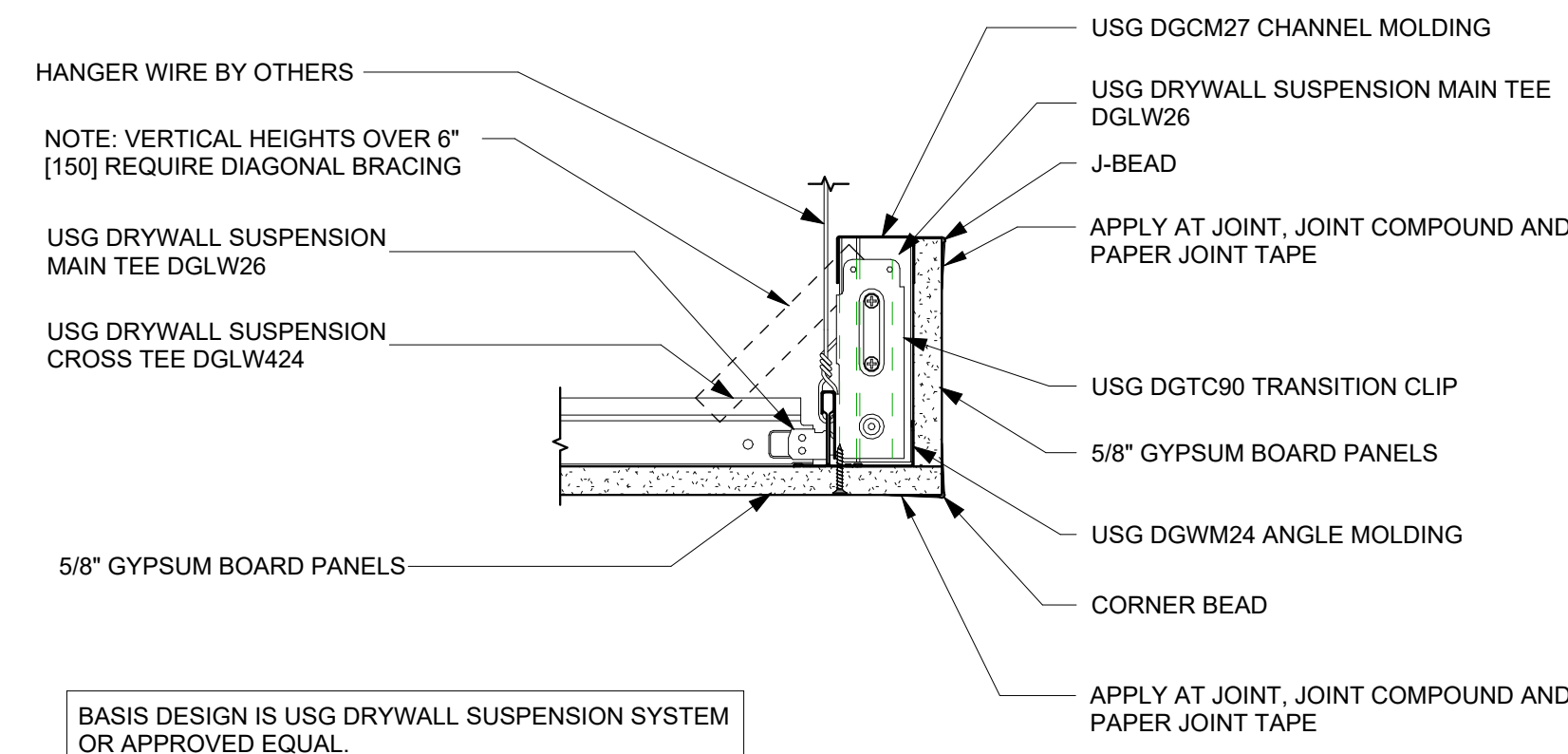
SHEET TITLE
**EXTERIOR SECTION
DETAILS**

PROJECT NO. **21091** DATE **06/21/2024**
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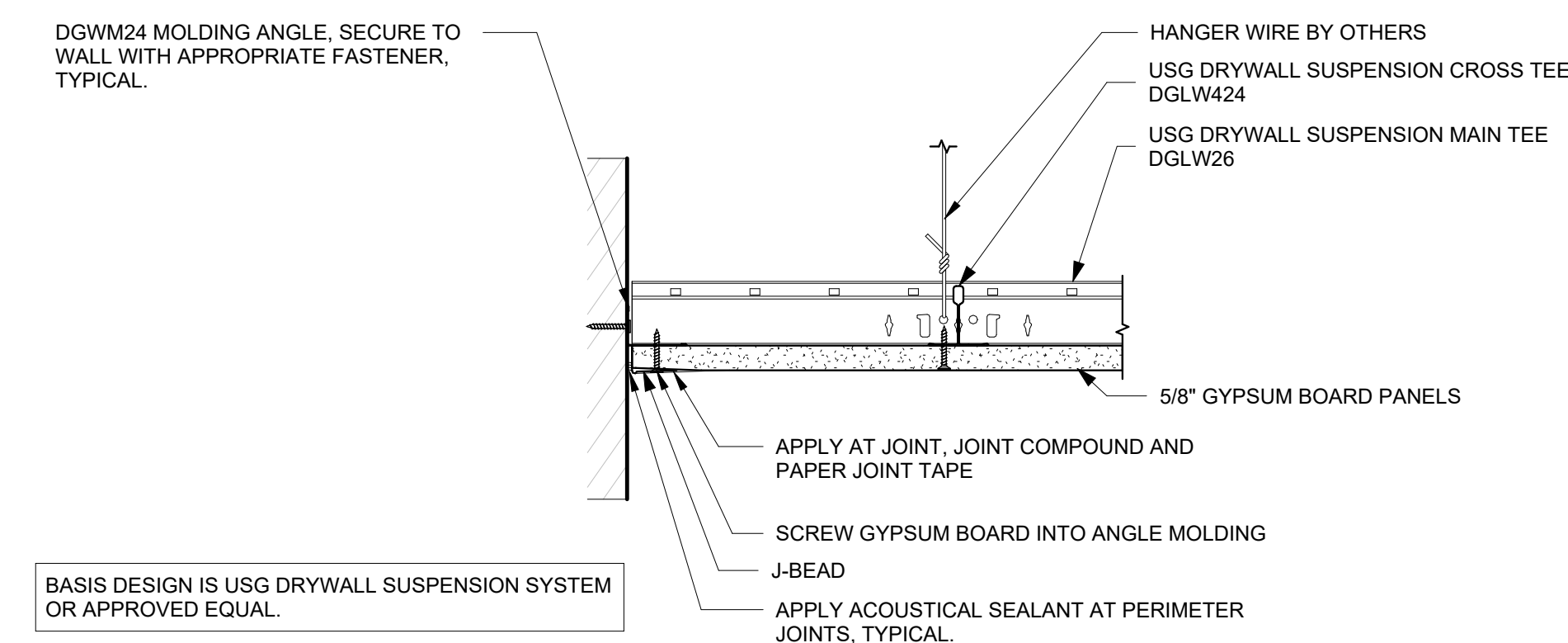
A6.02



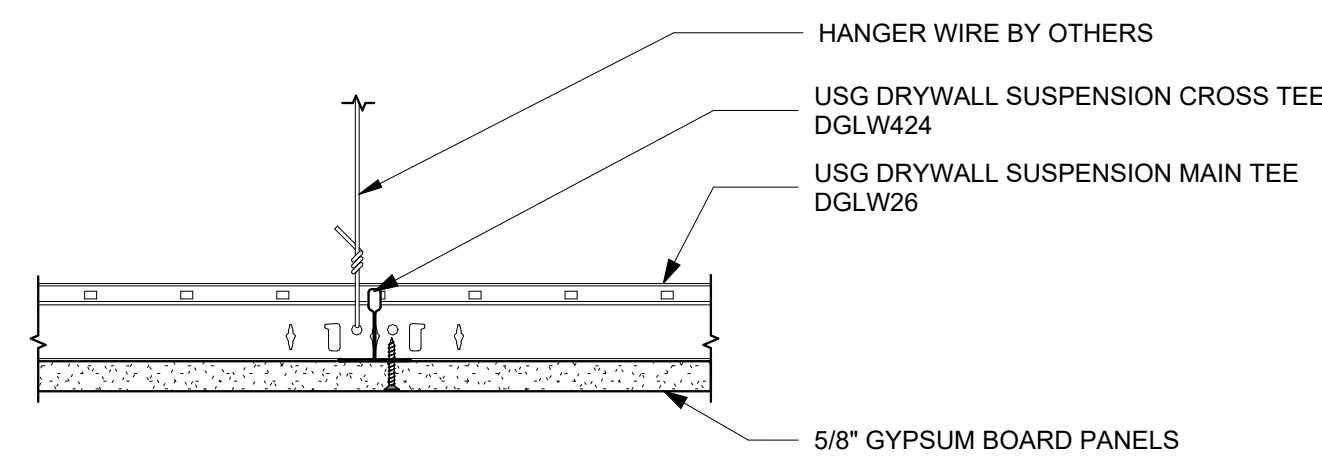
1 CONTROL JOINT PARALLEL TO MAIN TEE
A6.11 3" = 1'-0"



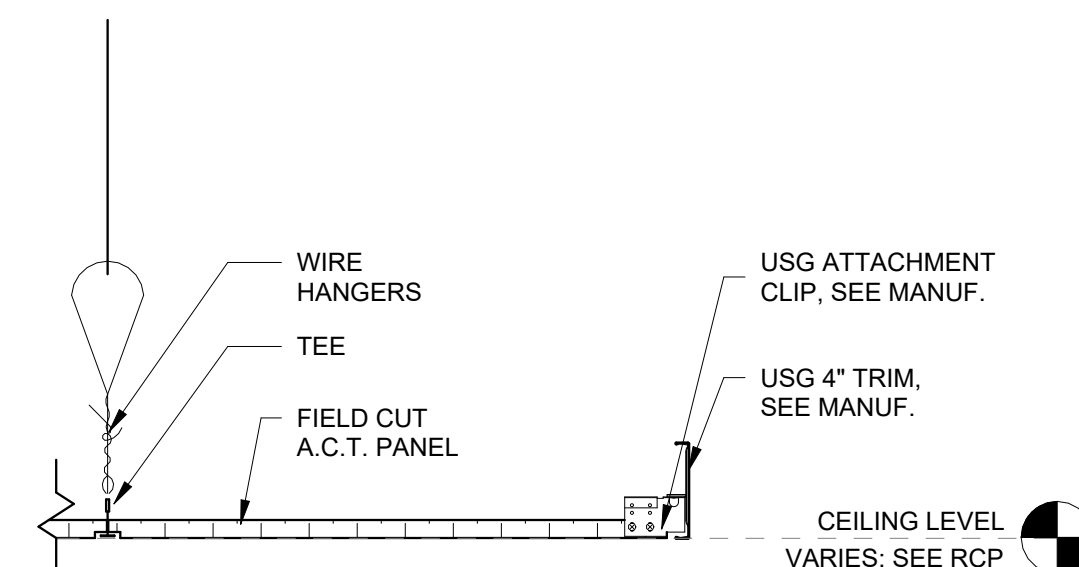
2 PERIMETER AT CROSS DETAIL
A6.11 3" = 1'-0"



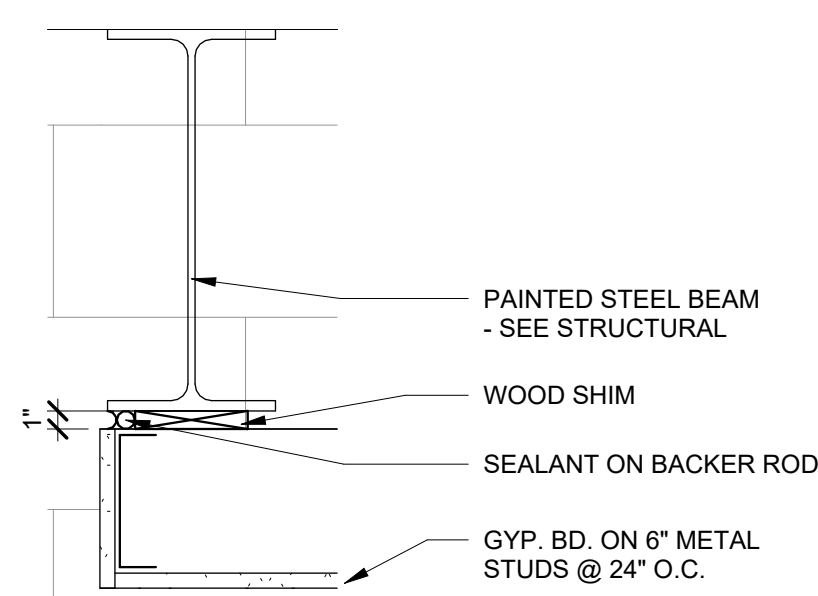
3 PERIMETER WALL DETAIL
A6.11 3" = 1'-0"



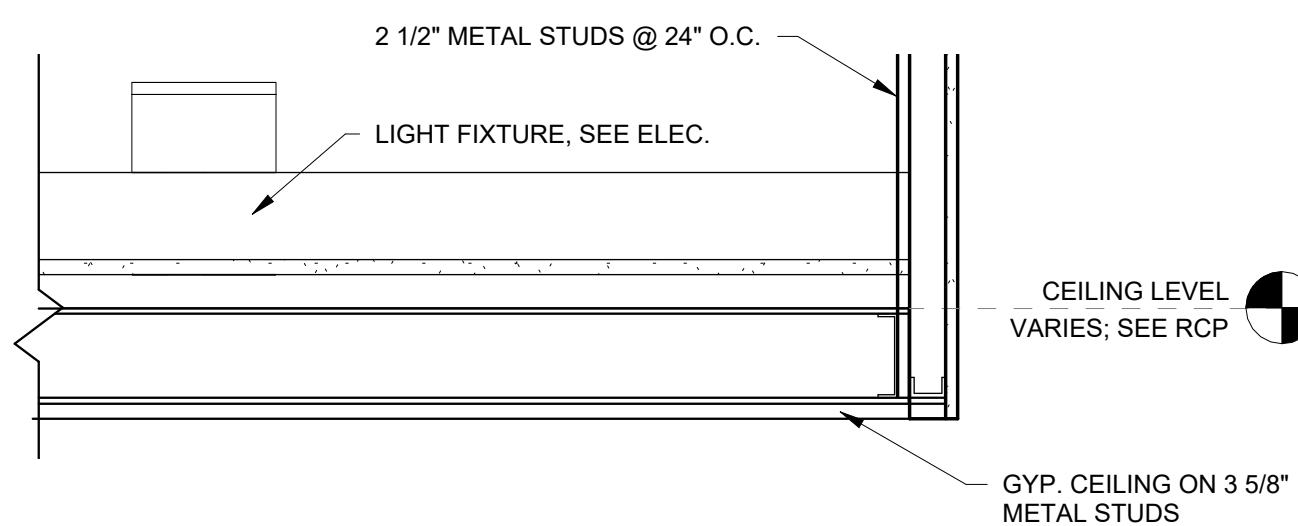
4 TYPICAL DRYWALL SUSPENSION SYSTEM SECTION
A6.11 3" = 1'-0"



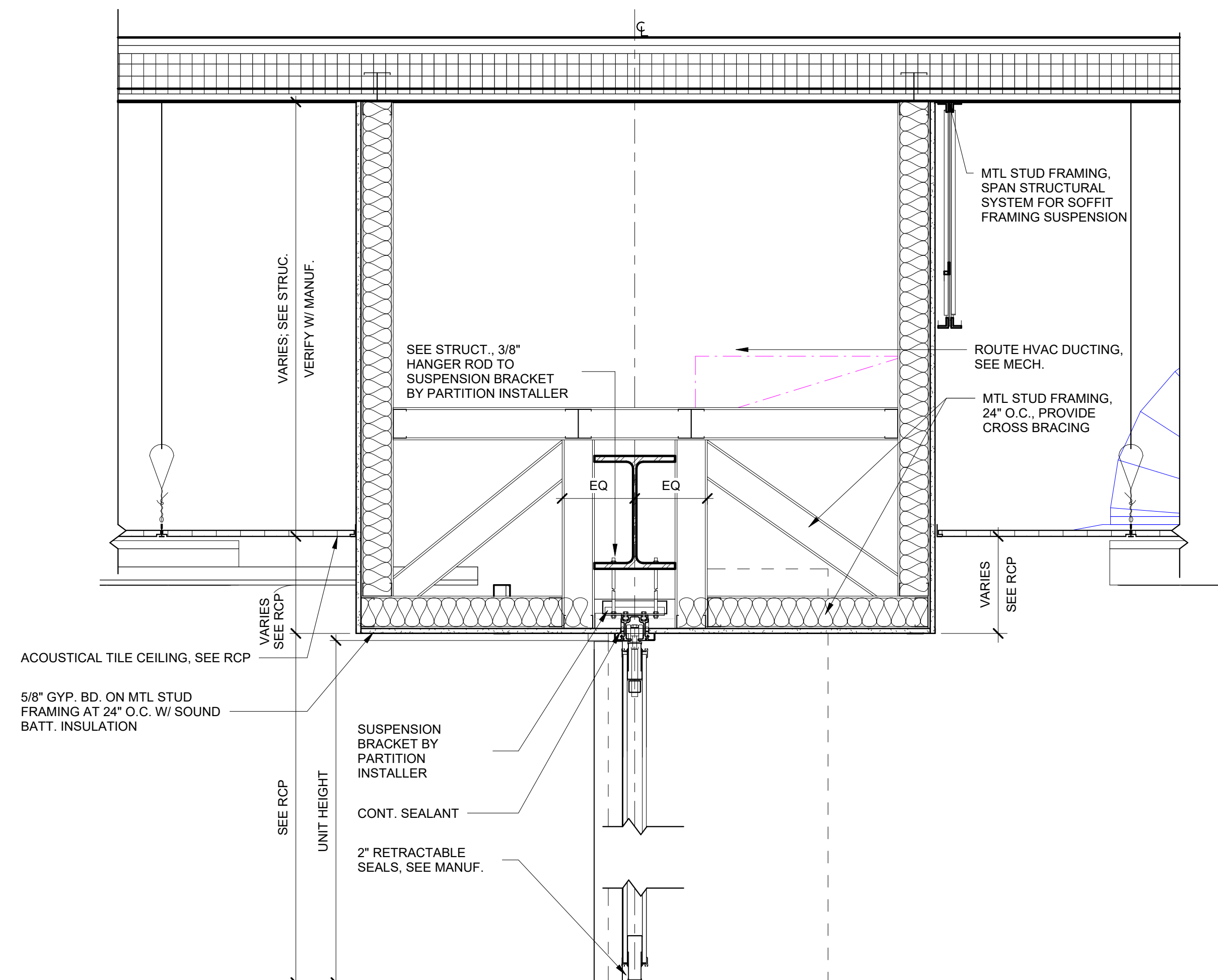
5 DETAIL AT ACT CEILING WITH EDGE TRIM
A6.11 1 1/2" = 1'-0"



6 CEILING DETAIL
A6.11 1 1/2" = 1'-0"



7 DETAIL AT GYP CEILING WITH BULKHEAD
A6.11 1 1/2" = 1'-0"



8 DETAIL AT MOVEABLE PARTITION
A6.11 1" = 1'-0"

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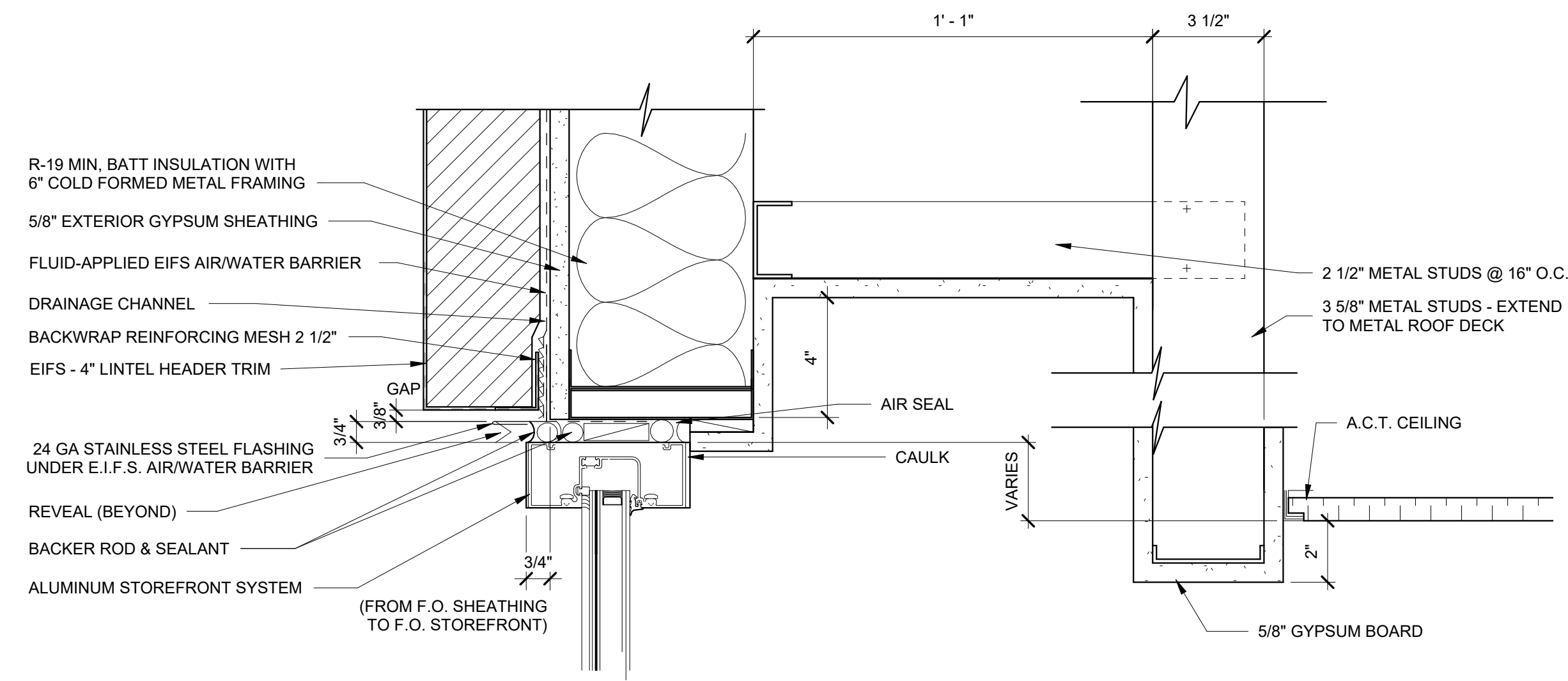
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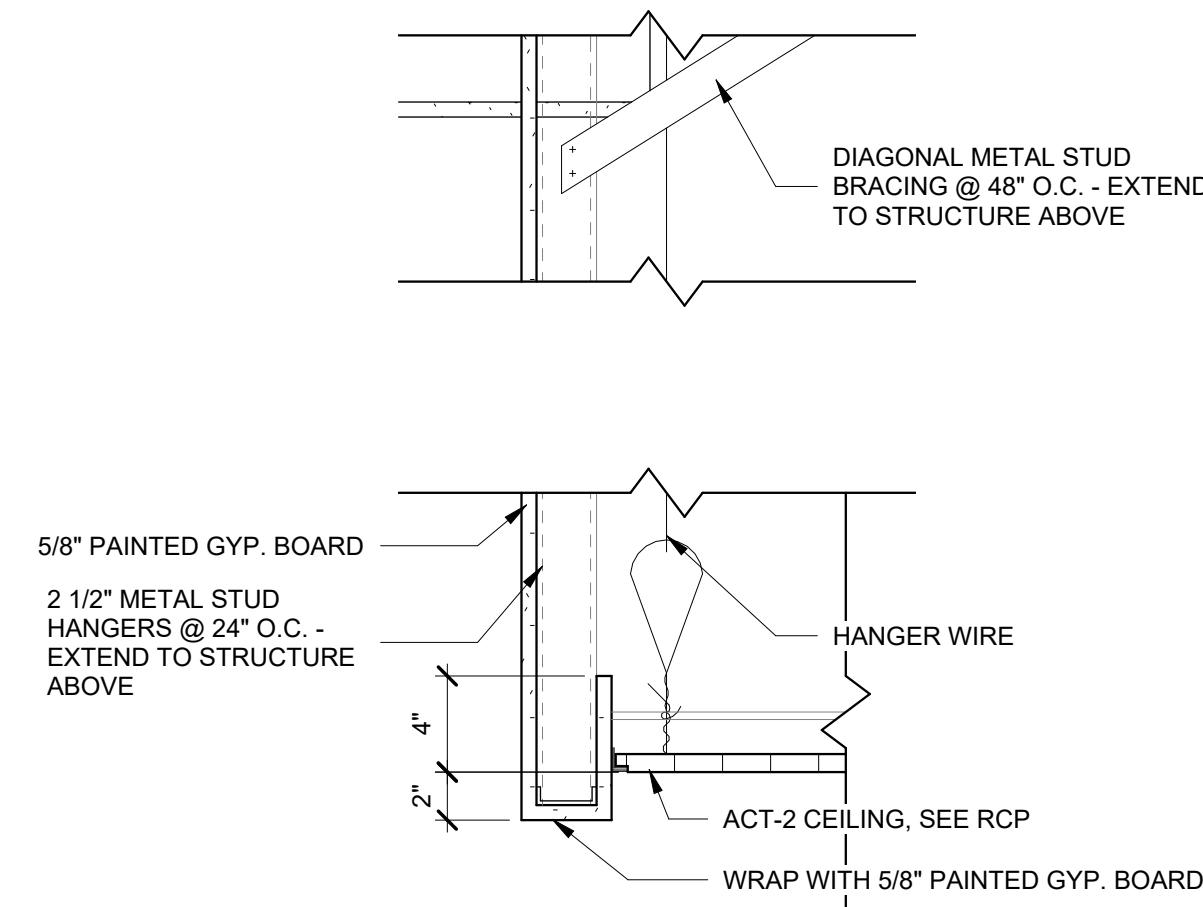
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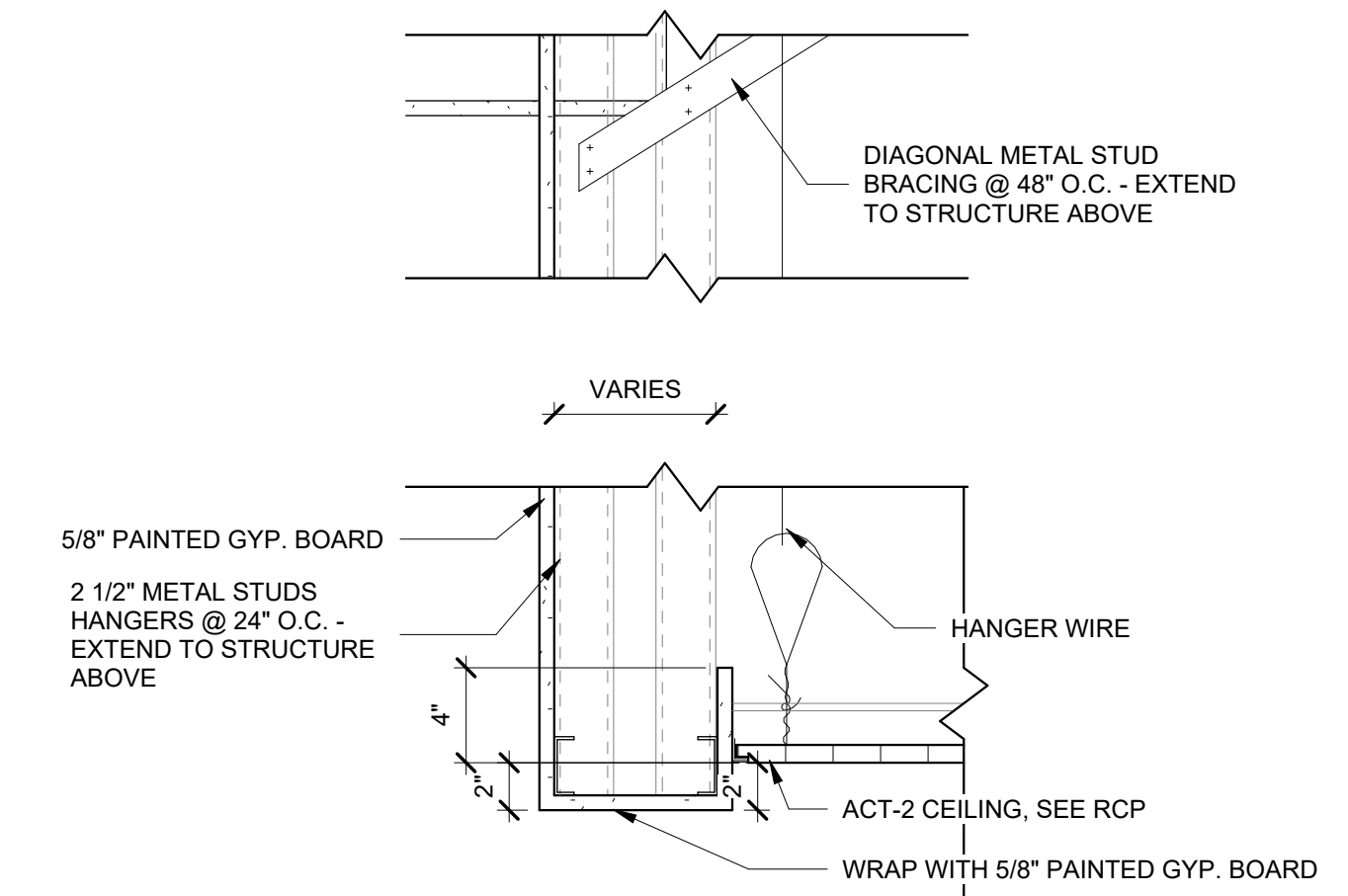
A6.11



1 GYPSUM BOARD CEILING POCKET
A6.12 3\"/>



2 GYPSUM BOARD BULKHEAD DETAIL
A6.12 1 1/2\"/>



3 GYPSUM BOARD WIDE BULKHEAD DETAIL
A6.12 1 1/2\"/>

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A6.12

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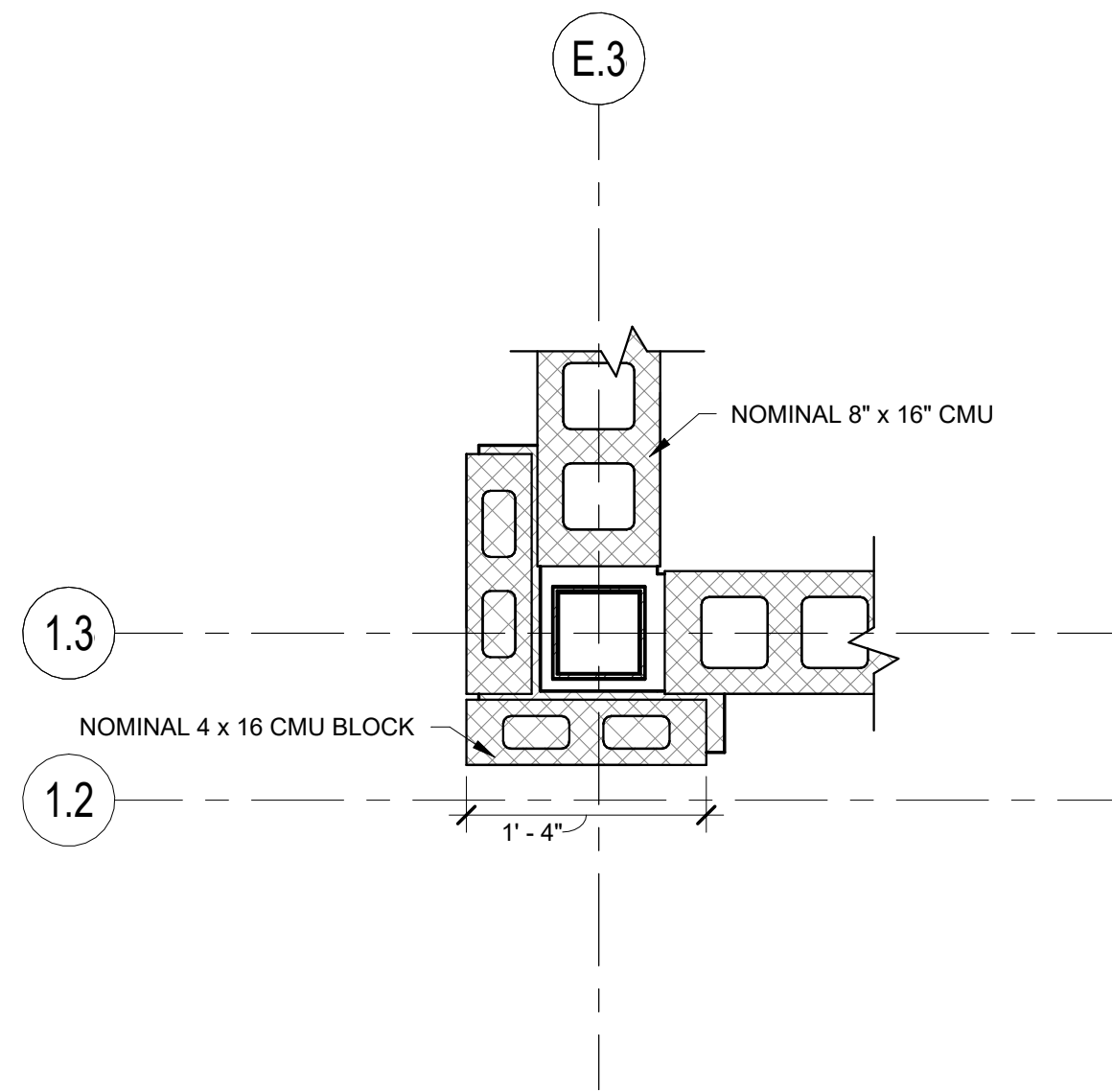
SHEET TITLE

PLAN DETAILS

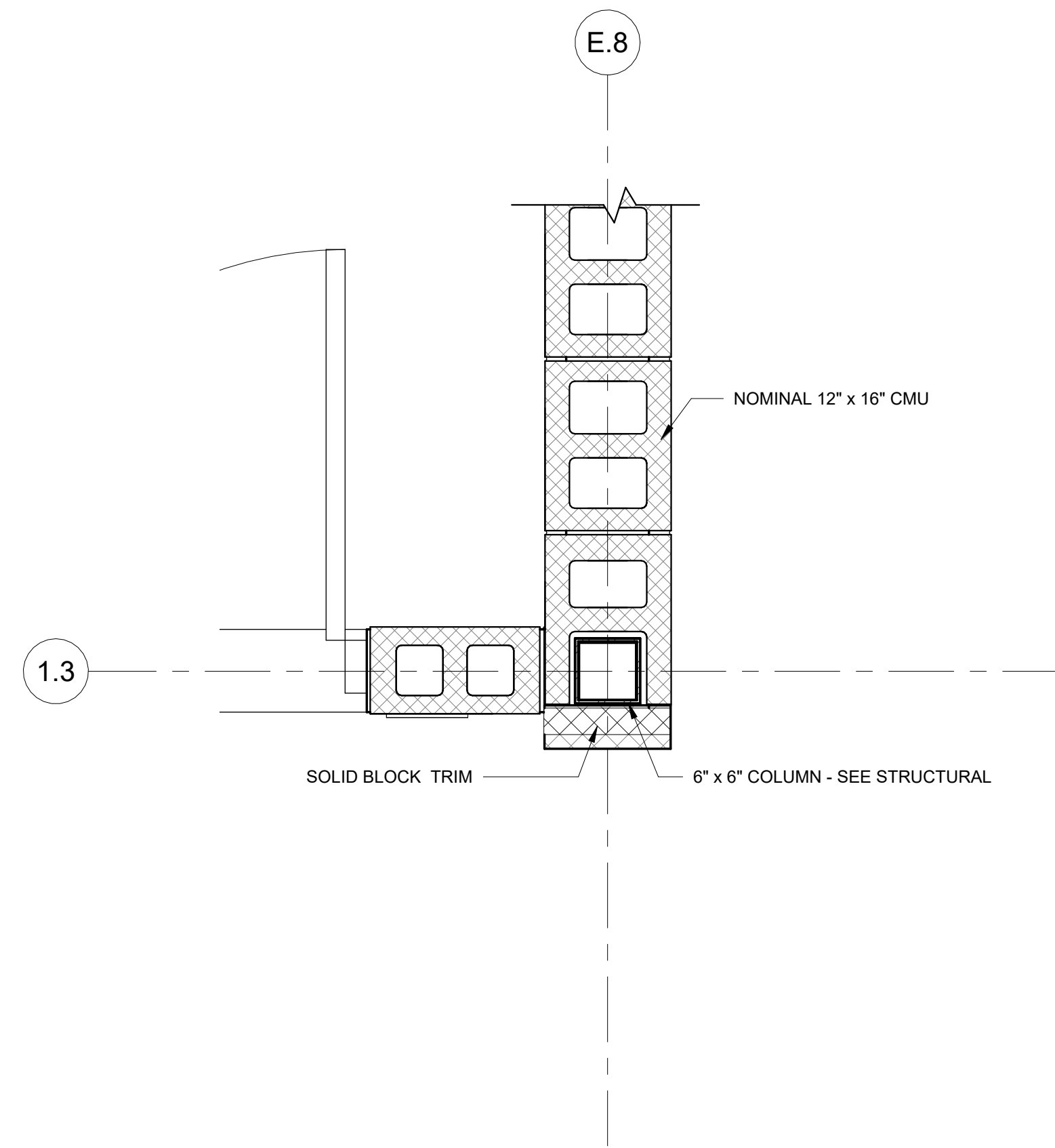
PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **STAFF** SCALE
 CHECKED BY **NR** 1" = 1'-0"
 SHEET NO.

A6.21

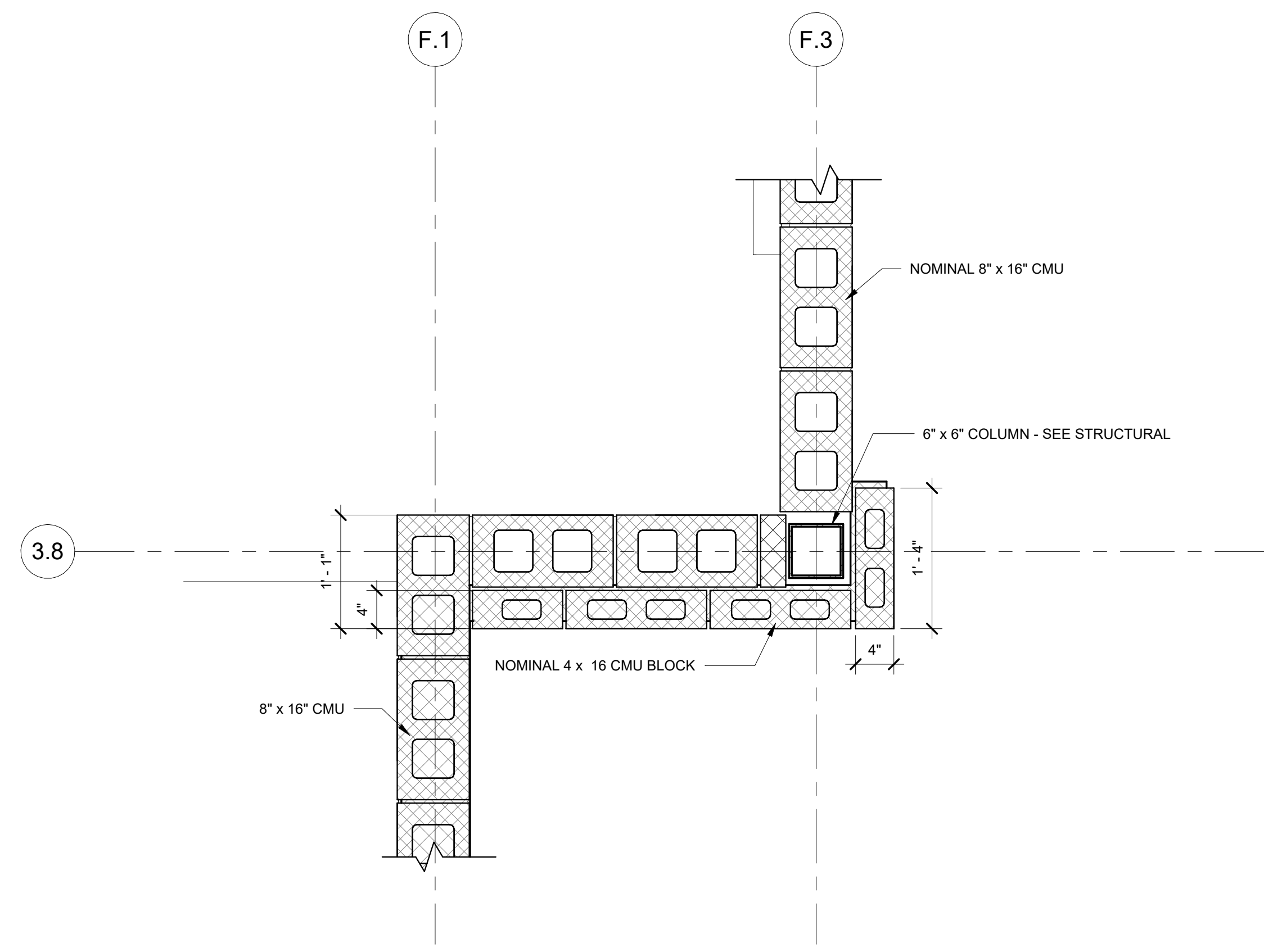
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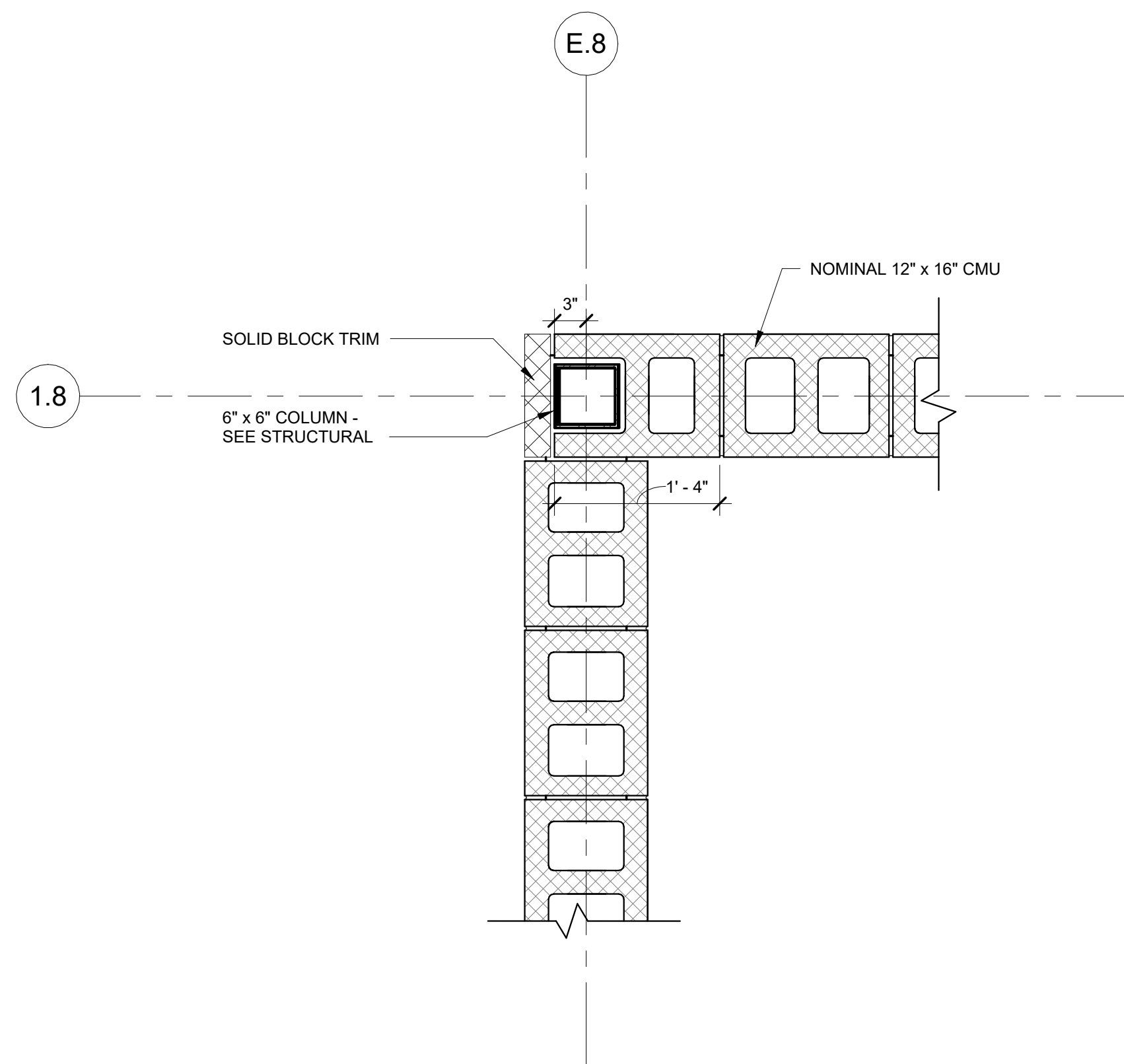
1 GYM 01 PLAN DETAIL 1
A6.21 1" = 1'-0"



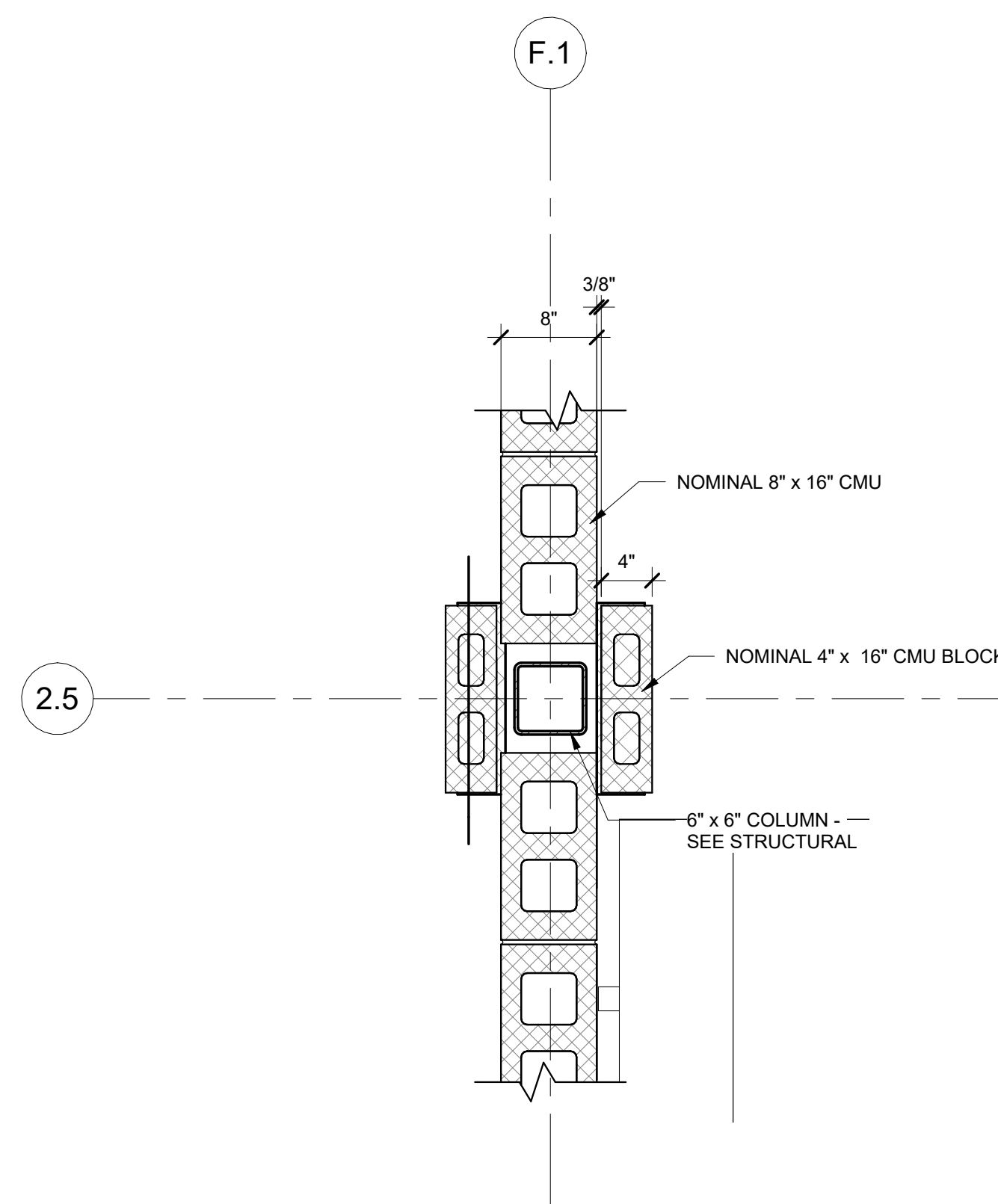
2 GYM 02 PLAN DETAIL 1
A6.21 1" = 1'-0"



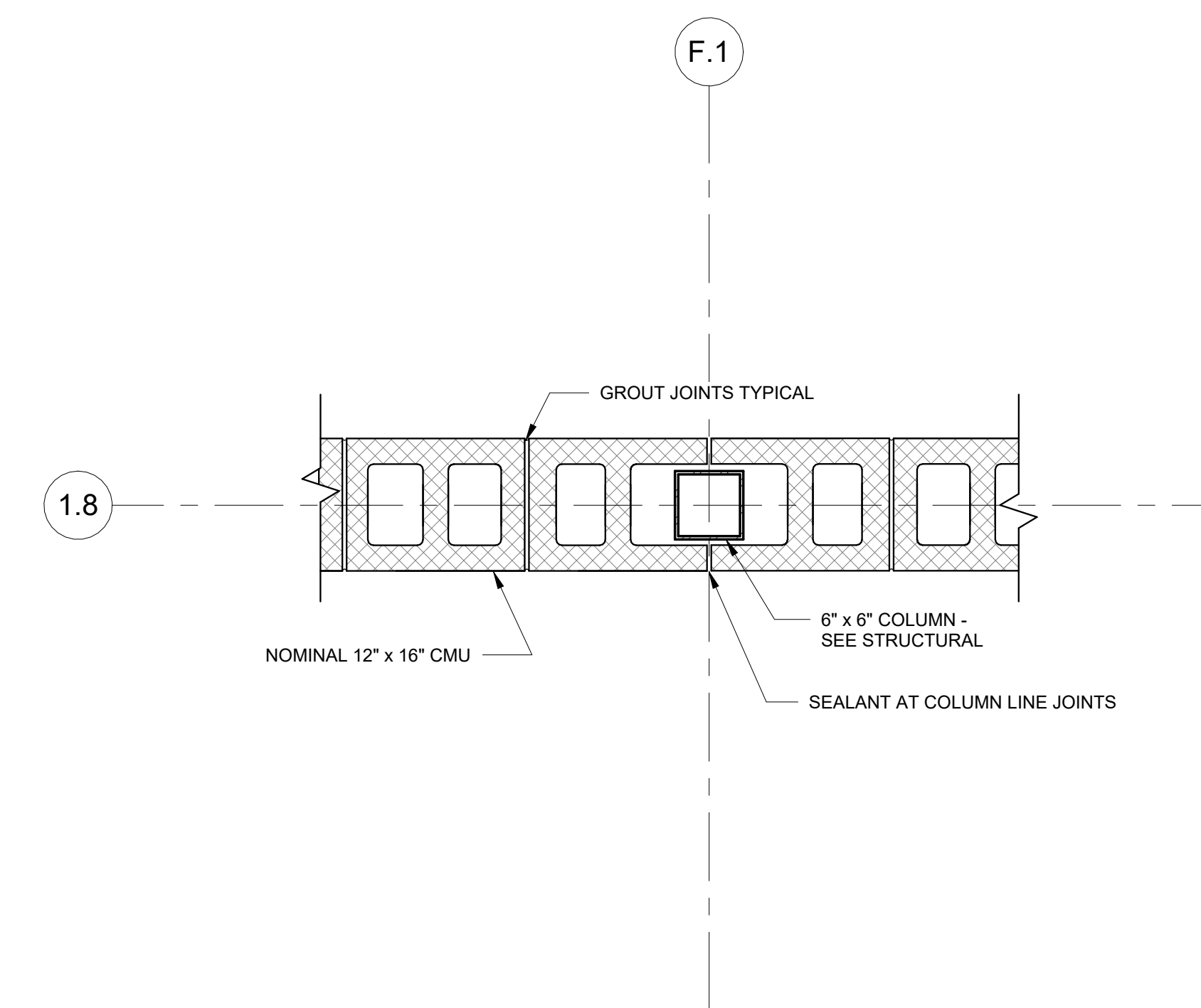
3 GYM 02 PLAN DETAIL 2
A6.21 1" = 1'-0"



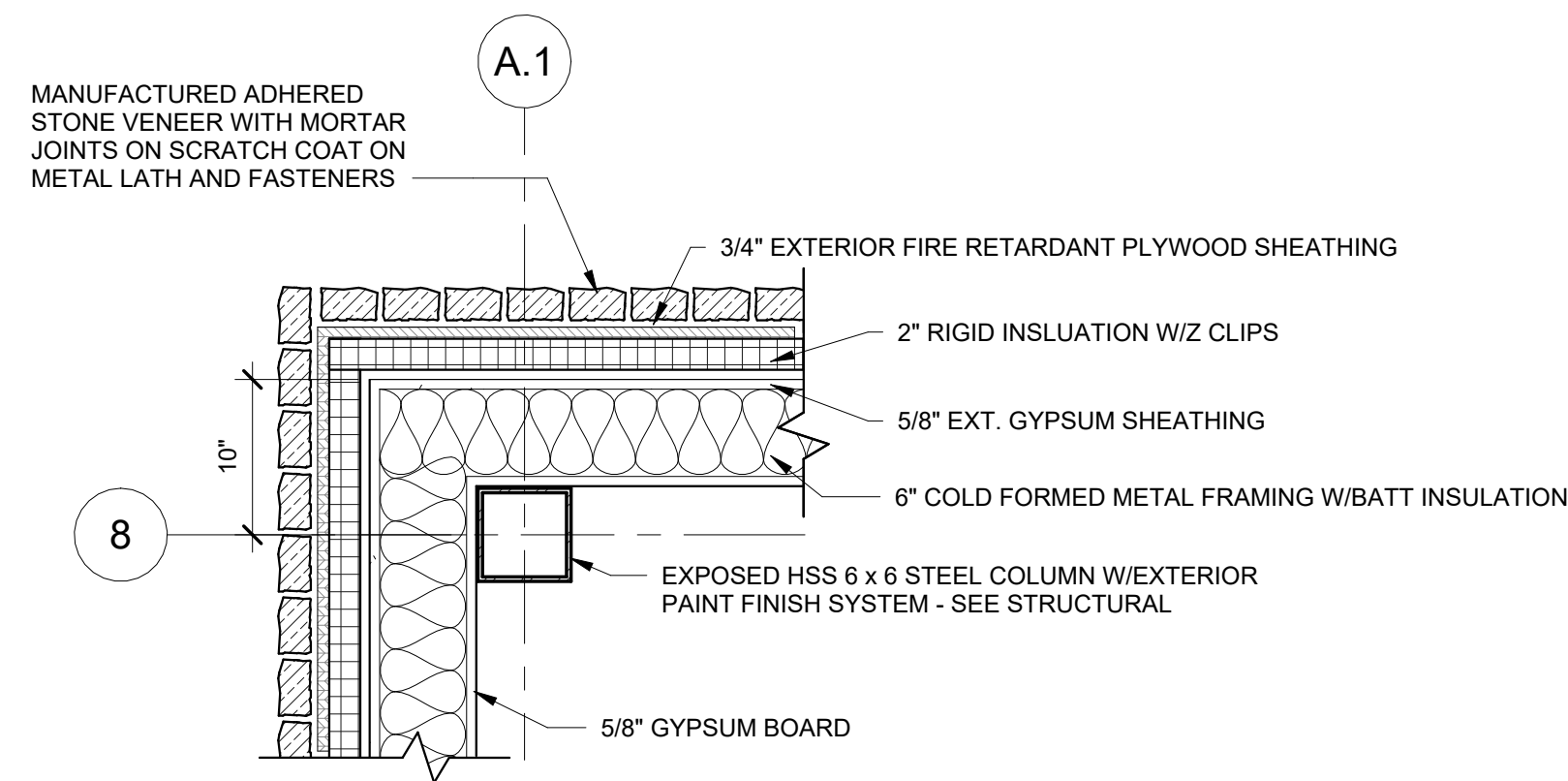
4 GYM 02 PLAN DETAIL 3
A6.21 1" = 1'-0"



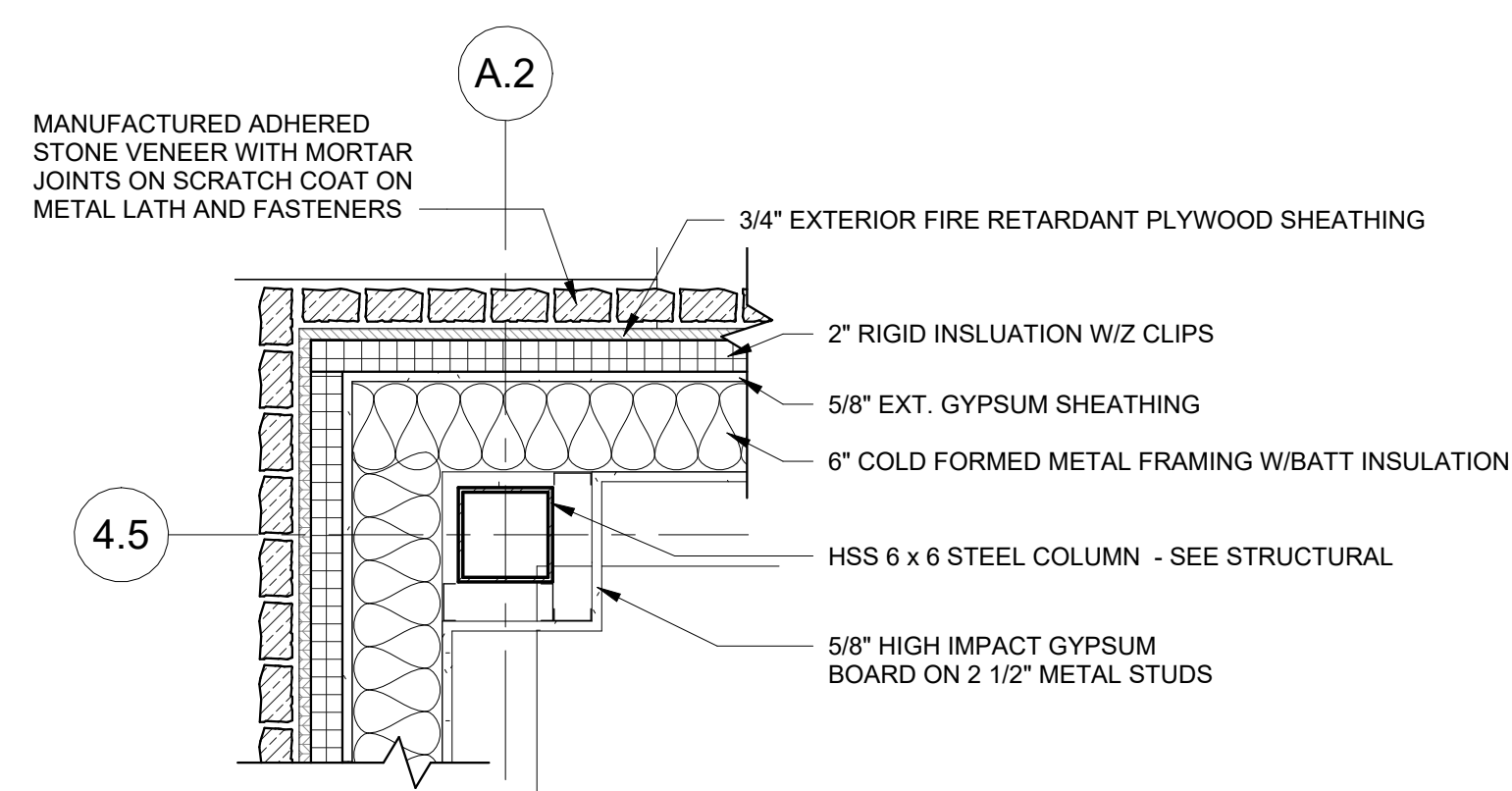
5 GYM 02 PLAN DETAIL 4
A6.21 1" = 1'-0"



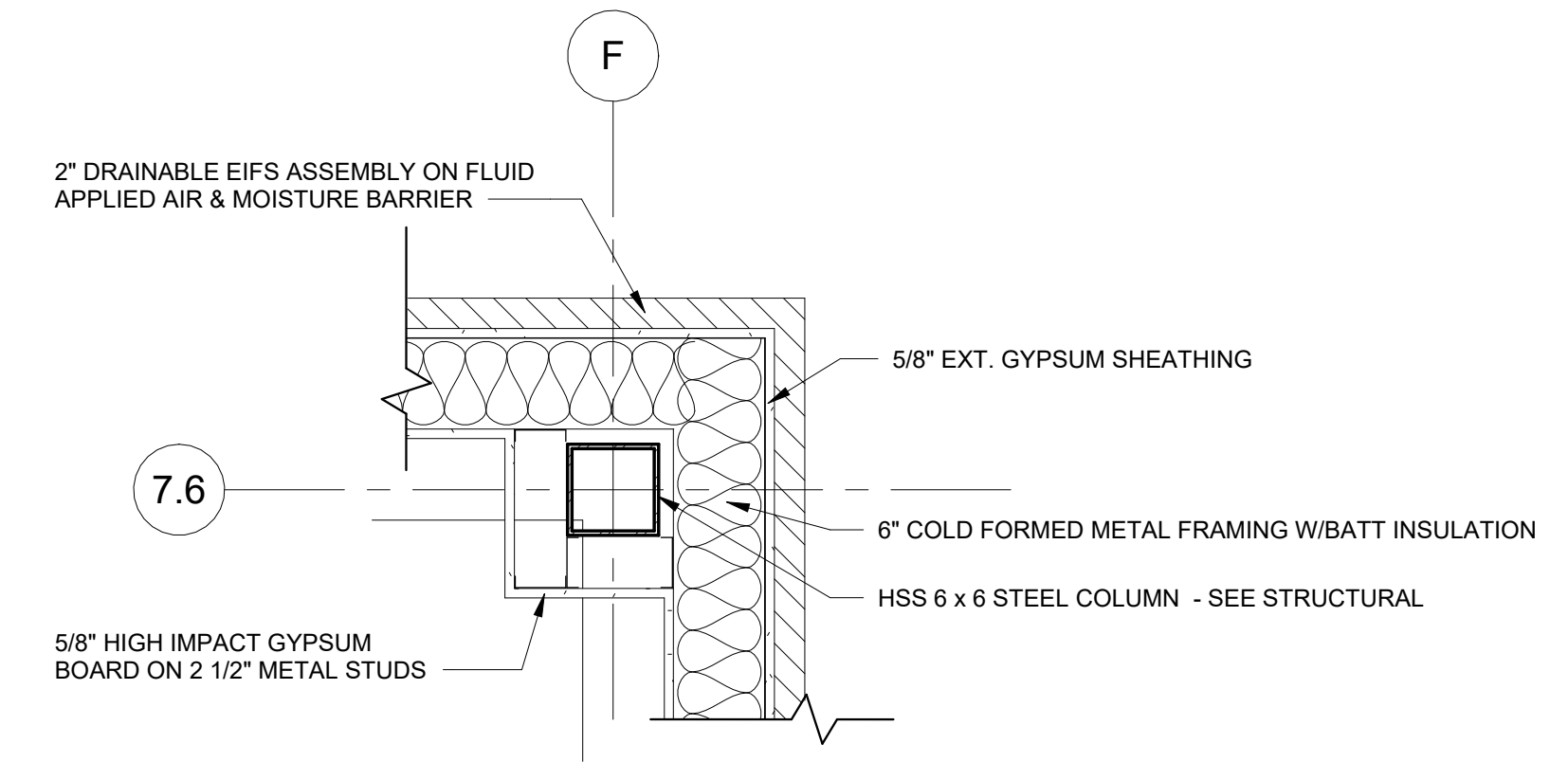
6 GYM 02 PLAN DETAIL 5
A6.21 1" = 1'-0"



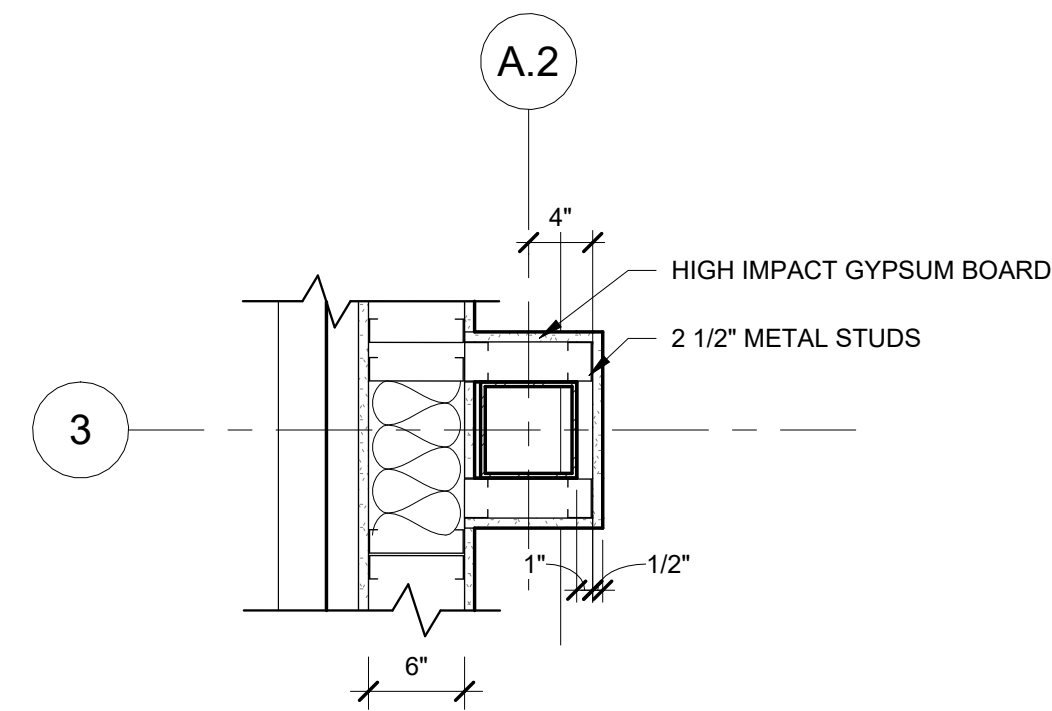
1 CORNER PLAN DETAIL AT EXPOSED COLUMN
A6.22 1" = 1'-0"



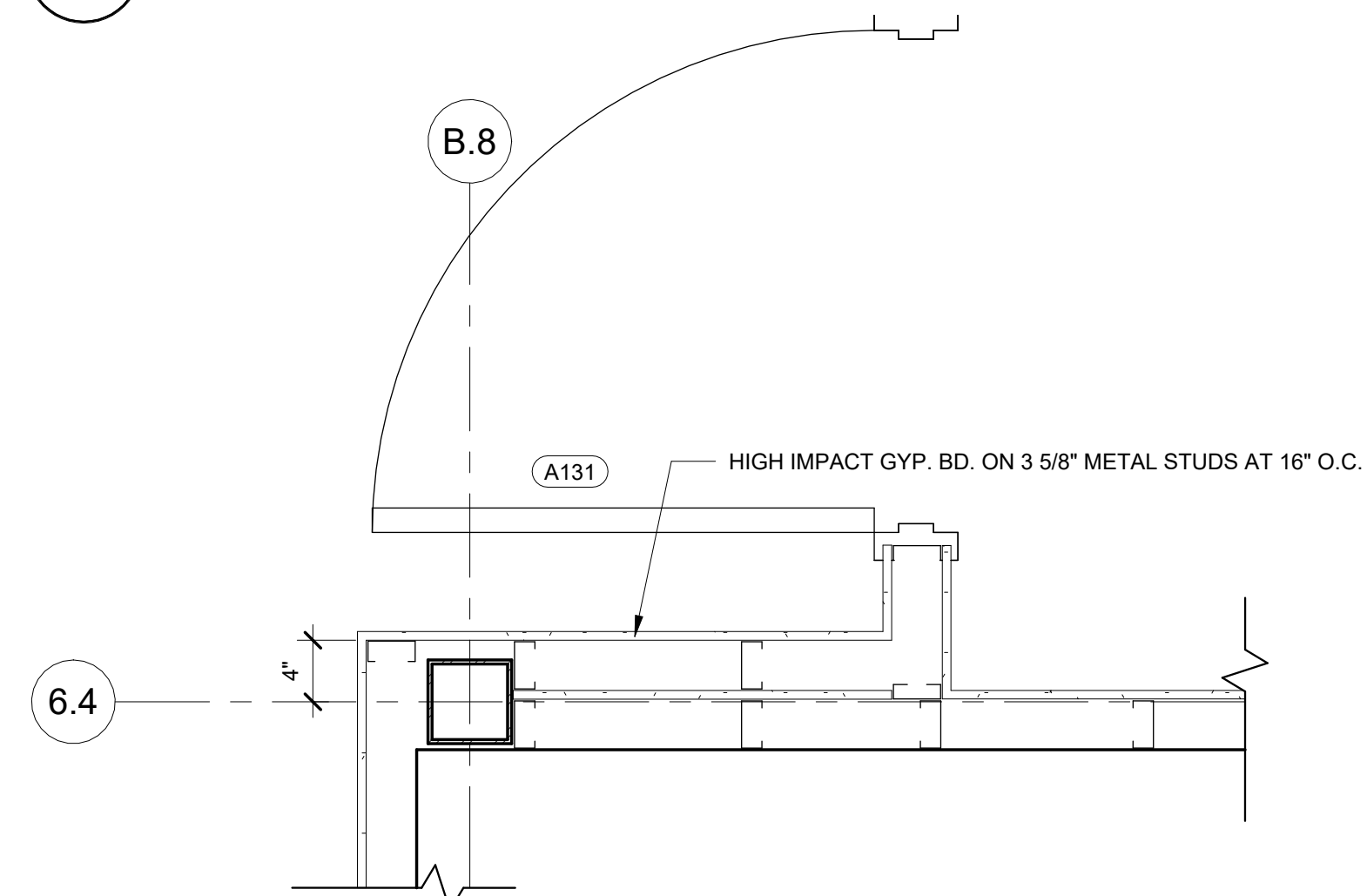
2 CORNER PLAN DETAIL STONE W/GYPSUM
A6.22 1" = 1'-0"



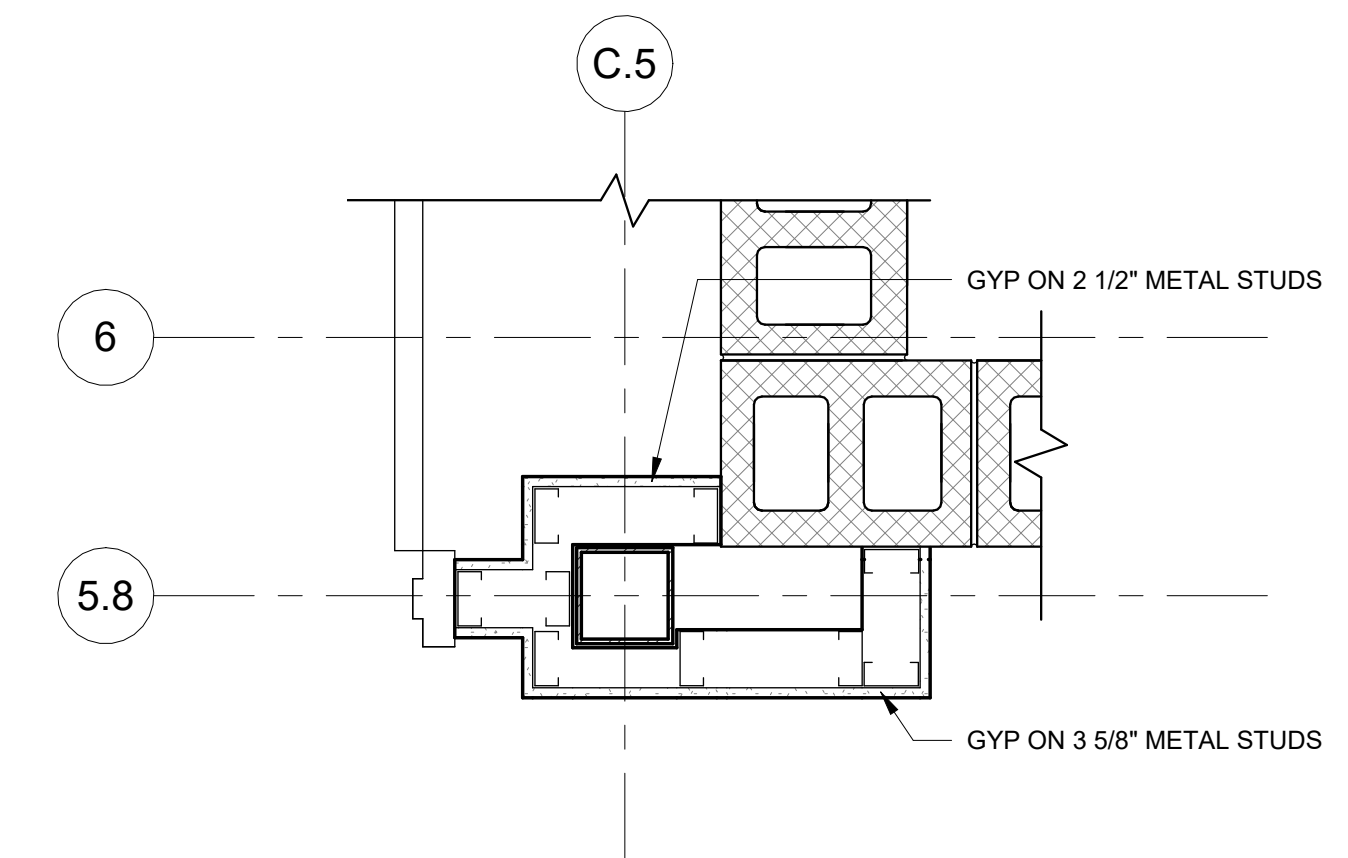
3 CORNER PLAN DETAIL W/GYPSUM 1
A6.22 1" = 1'-0"



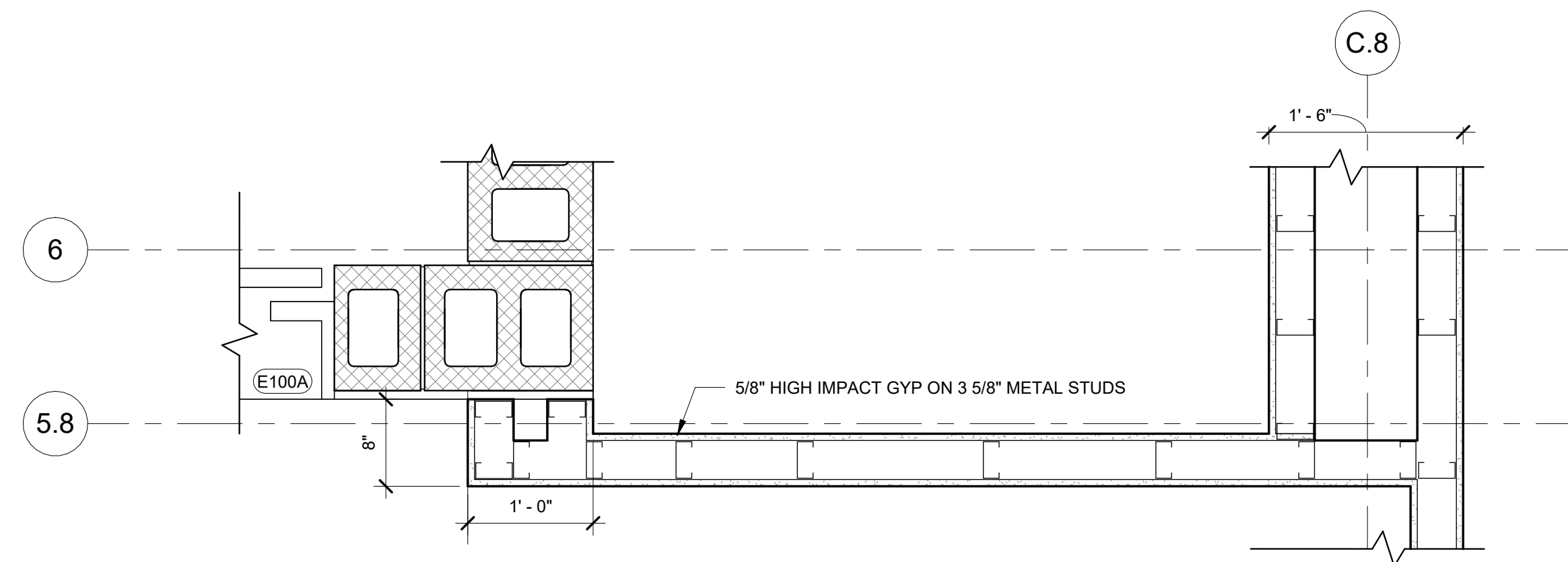
4 COLUMN WRAP PLAN DETAIL W/GYPSUM
A6.22 1" = 1'-0"



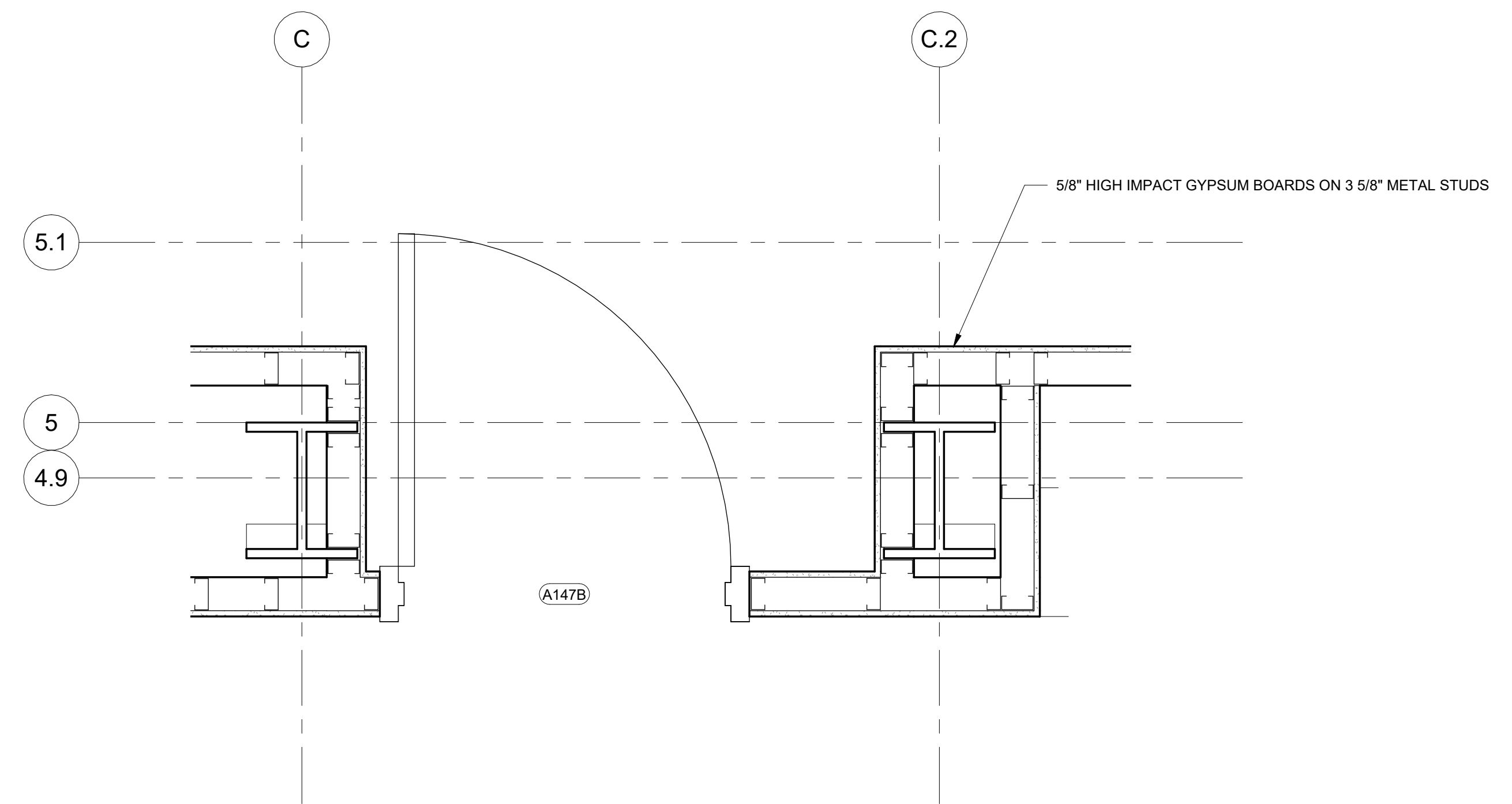
5 CORNER PLAN DETAIL AT CLASSROOM
A6.22 1" = 1'-0"



6 STAIR AND ELEVATOR WALL PLAN DETAIL 1
A6.22 1" = 1'-0"



7 STAIR AND ELEVATOR WALL PLAN DETAIL 2
A6.22 1" = 1'-0"



8 ENLARGED PLAN DETAIL AT DOOR A147B
A6.22 1" = 1'-0"

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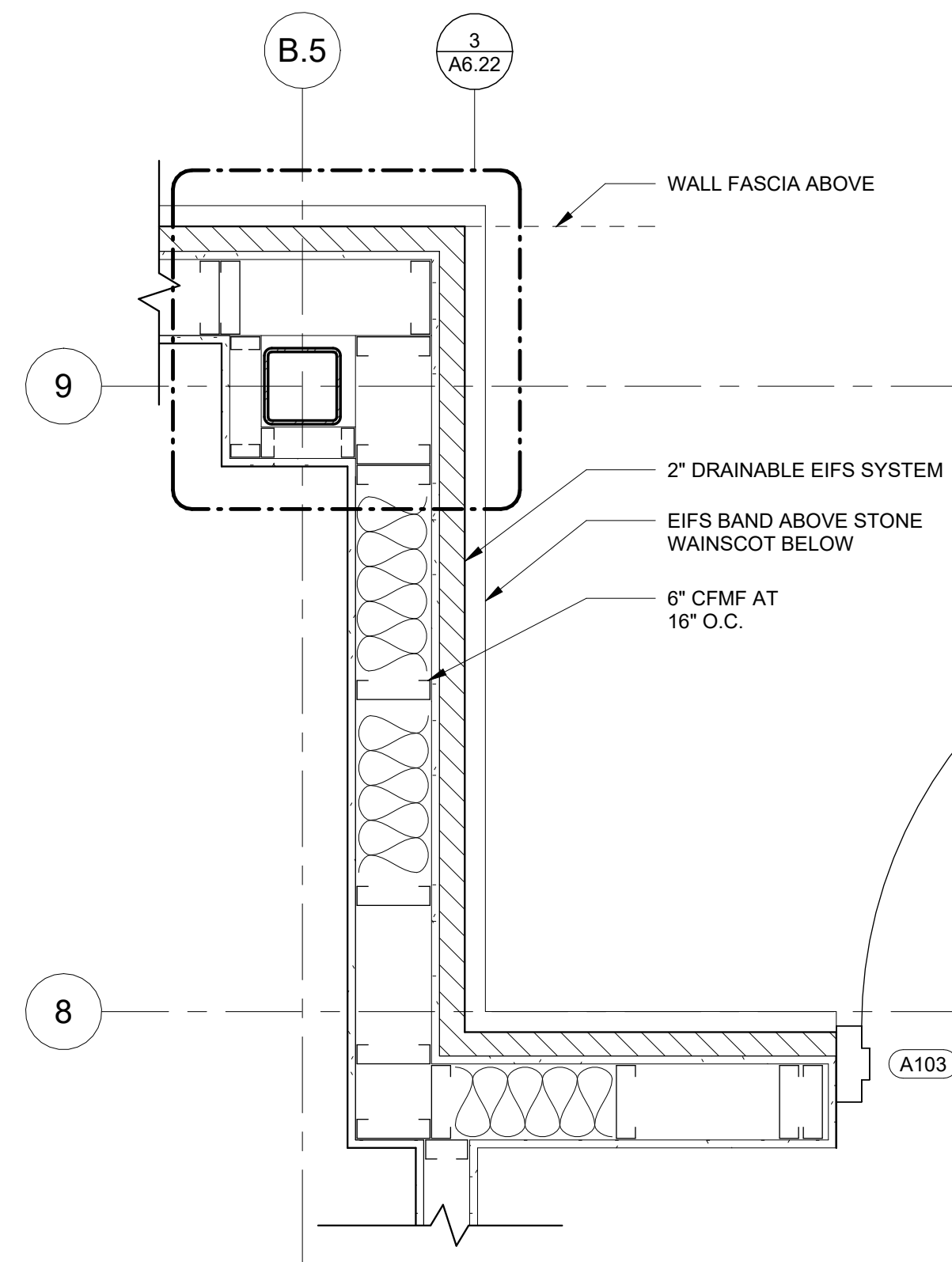
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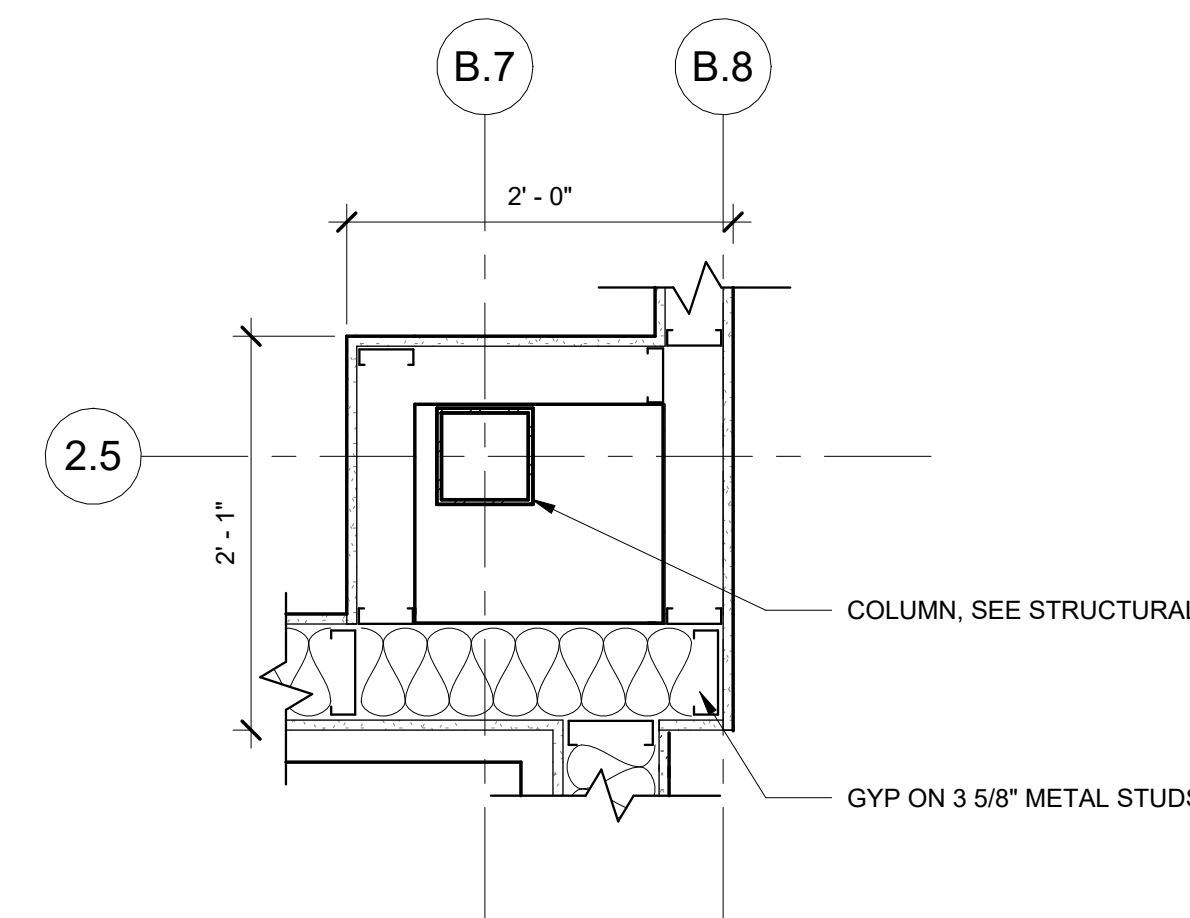
SHEET TITLE
PLAN DETAILS

PROJECT NO. 21091 DATE 06/21/2024
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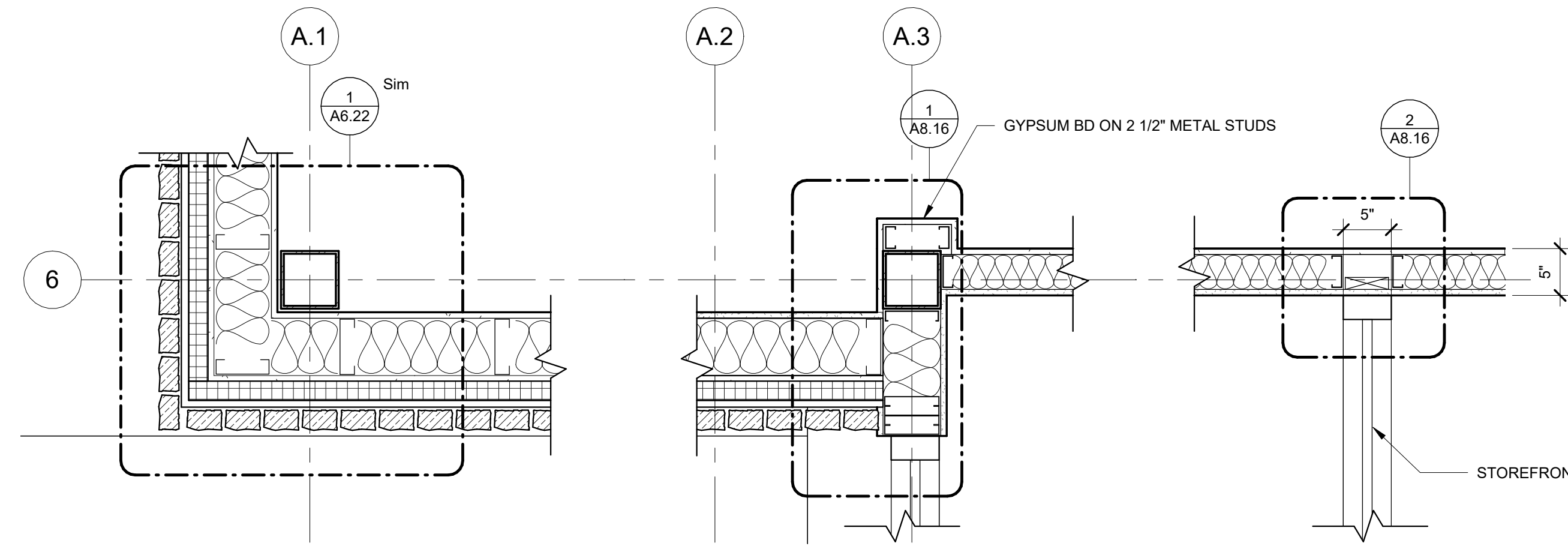
A6.22



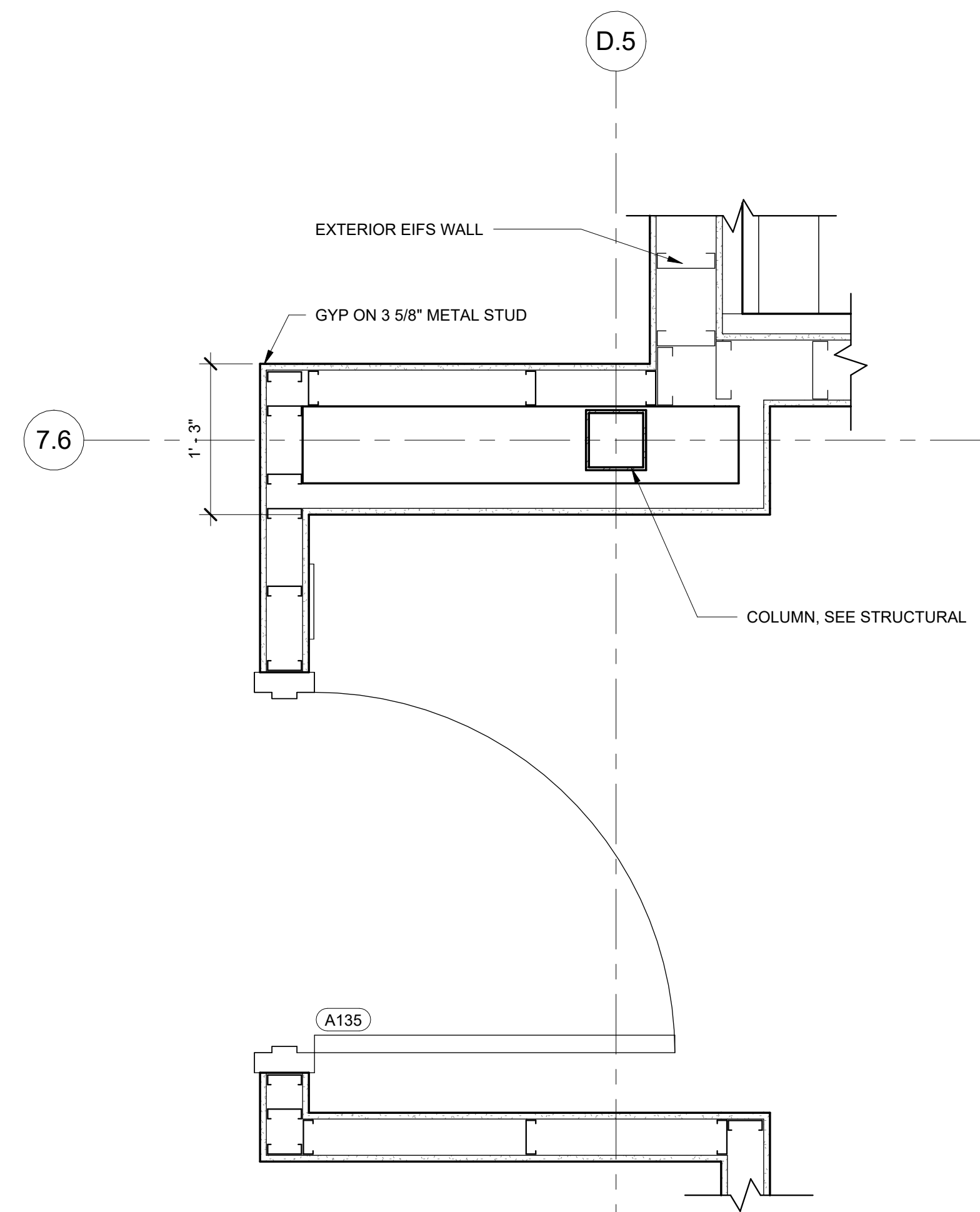
1 ENLARGED PLAN DETAIL AT CORRIDOR 103 EXIT
 A6.23 1" = 1'-0"



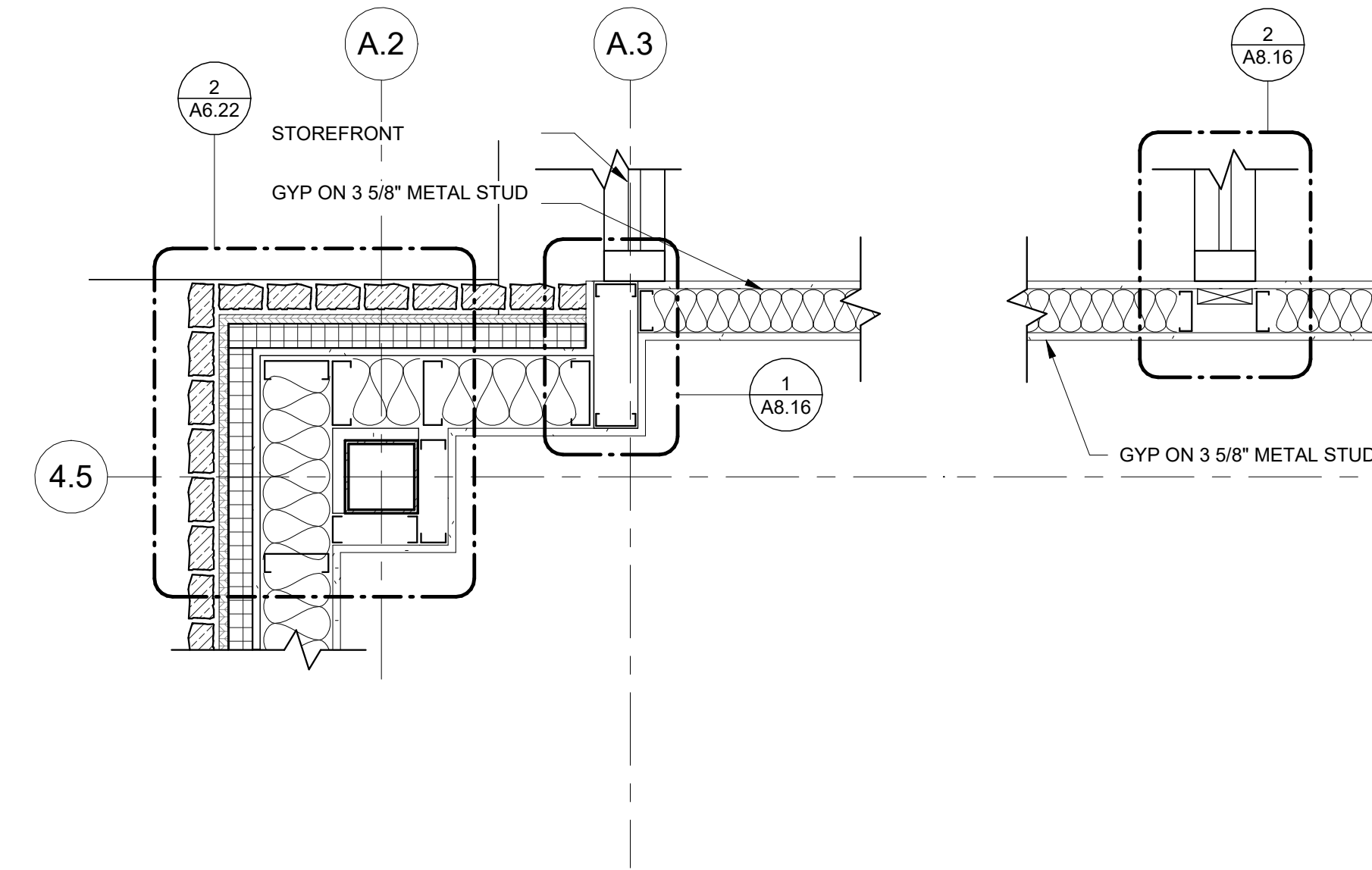
4 ENLARGED PLAN DETAIL AT RISER
 A6.23 1" = 1'-0"



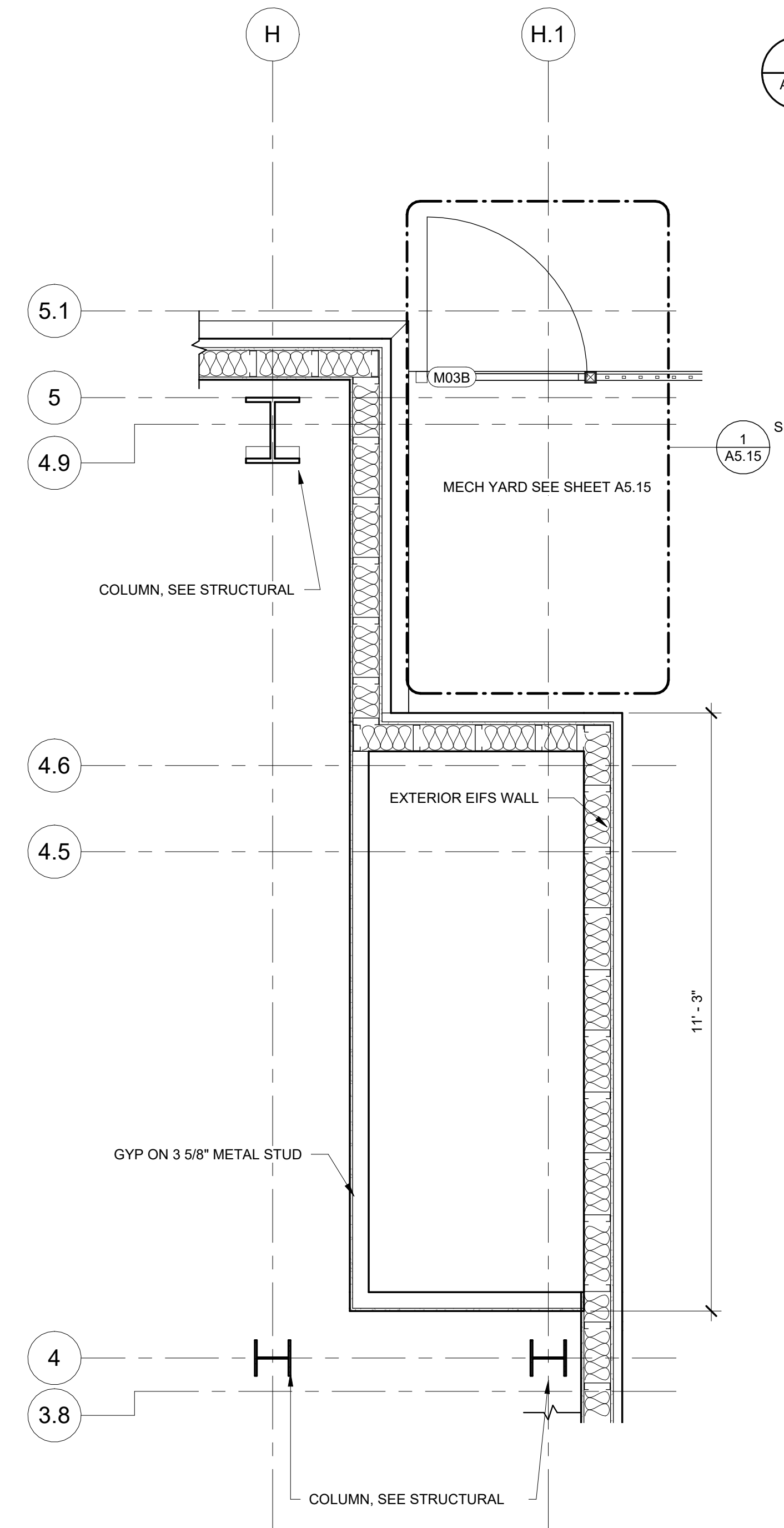
2 PLAN DETAIL AT MAIN ENTRANCE
 A6.23 1" = 1'-0"



5 ENLARGED ART & CRAFTS DETAIL
 A6.23 1" = 1'-0"



3 ENLARGED PLAN DETAIL AT VESTIBULE
 A6.23 1" = 1'-0"



6 ENLARGED GYM DETAIL
 A6.23 1/2" = 1'-0"

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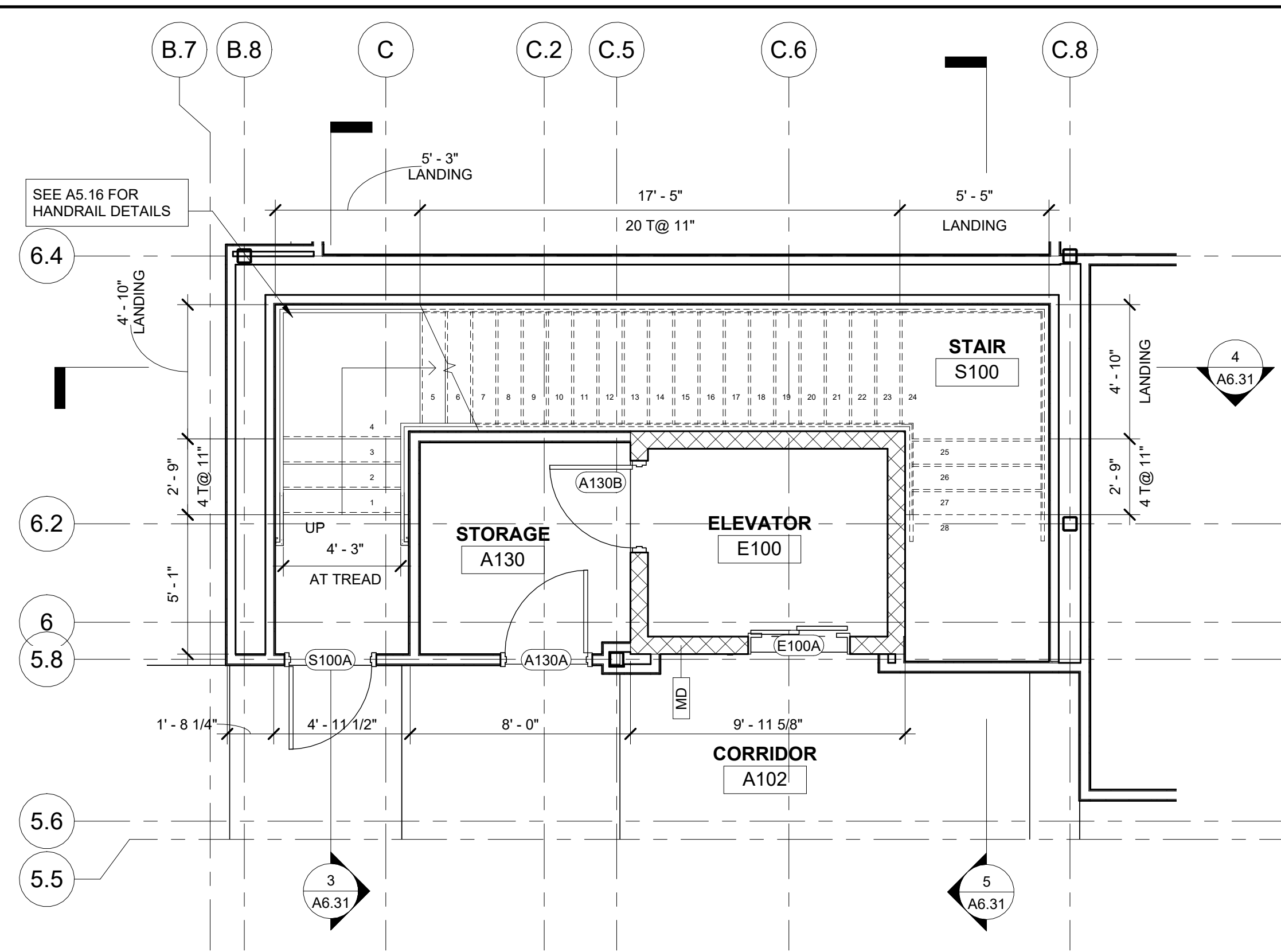
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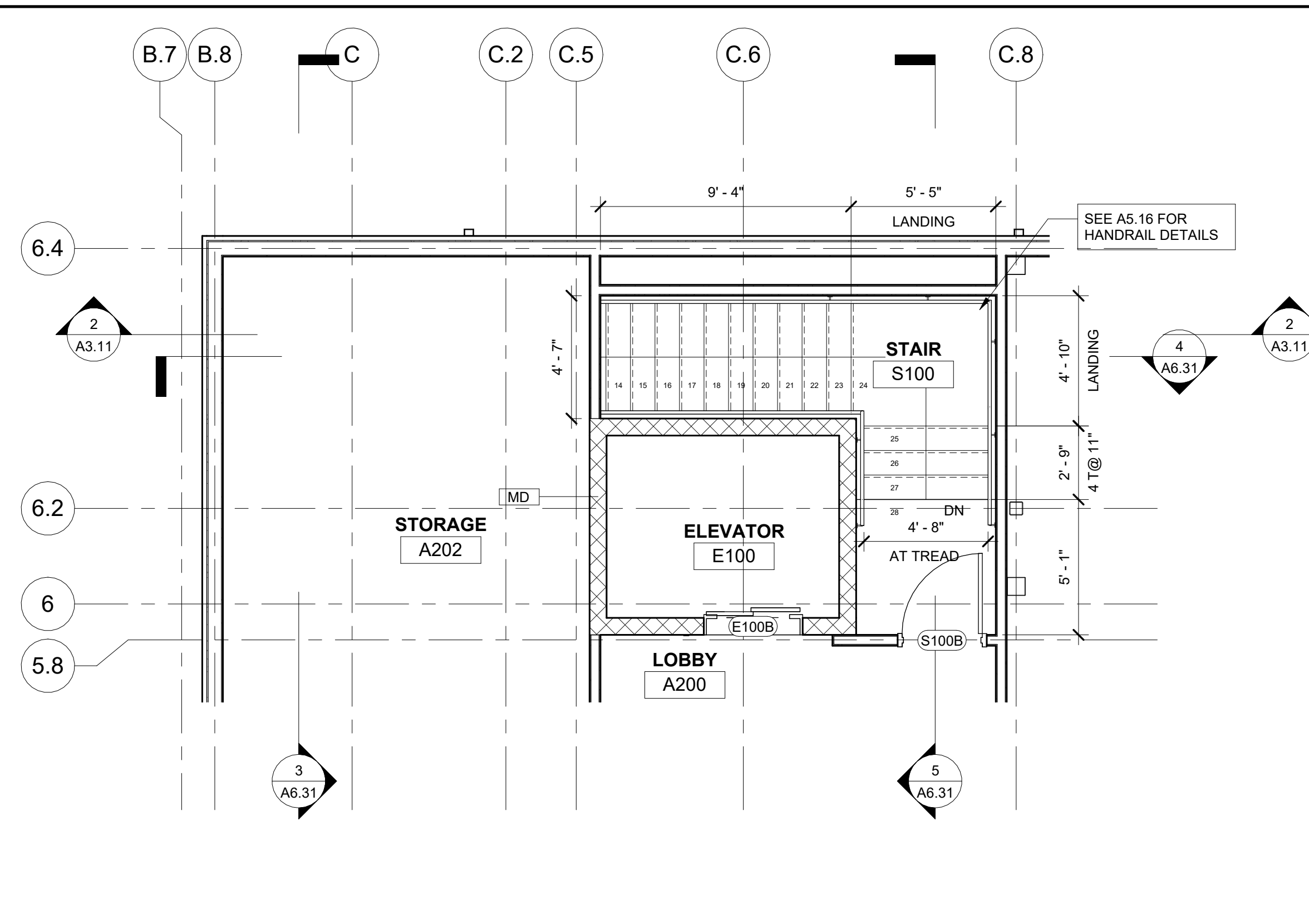
SHEET TITLE
PLAN DETAILS

PROJECT NO. 21091
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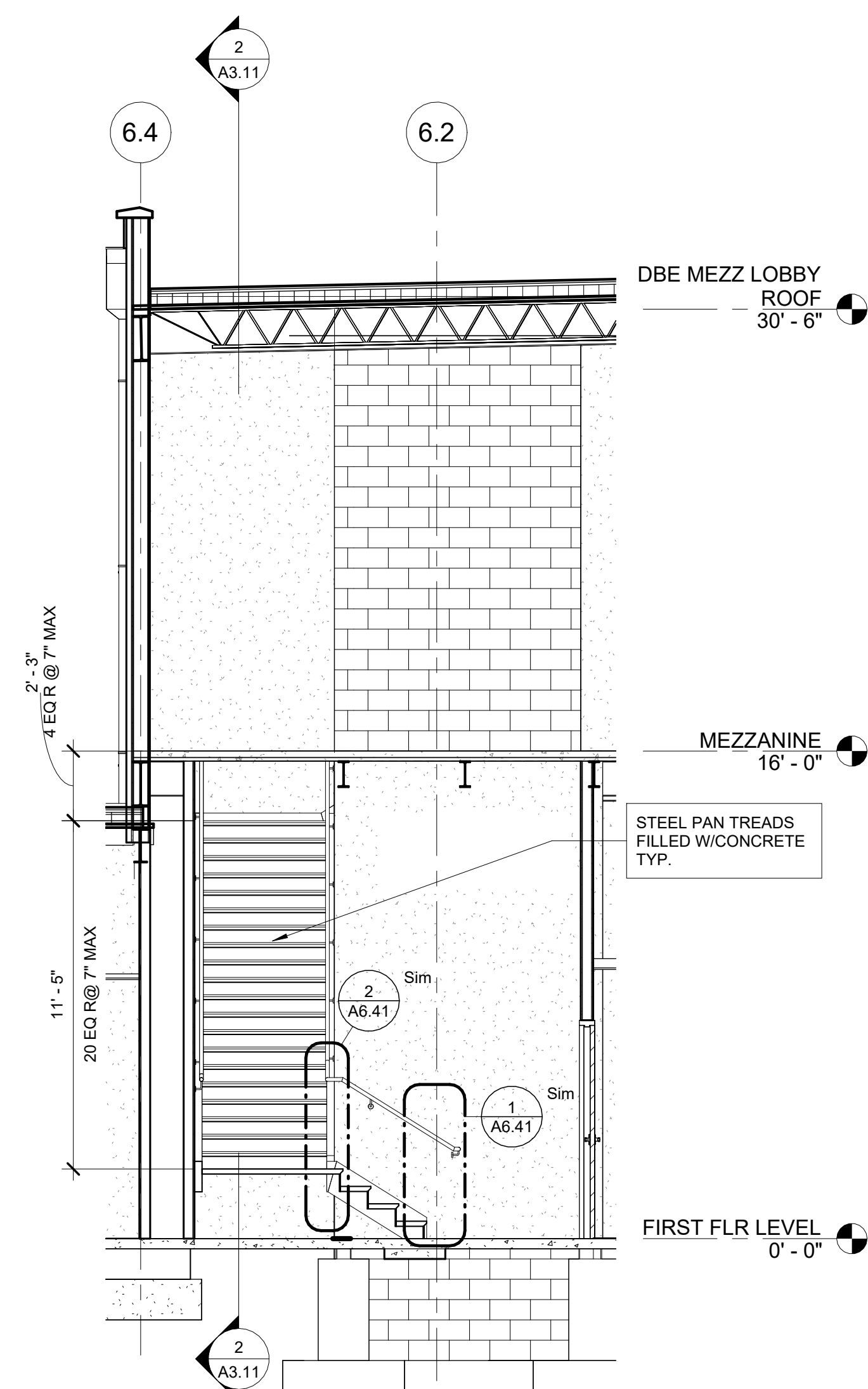
A6.23



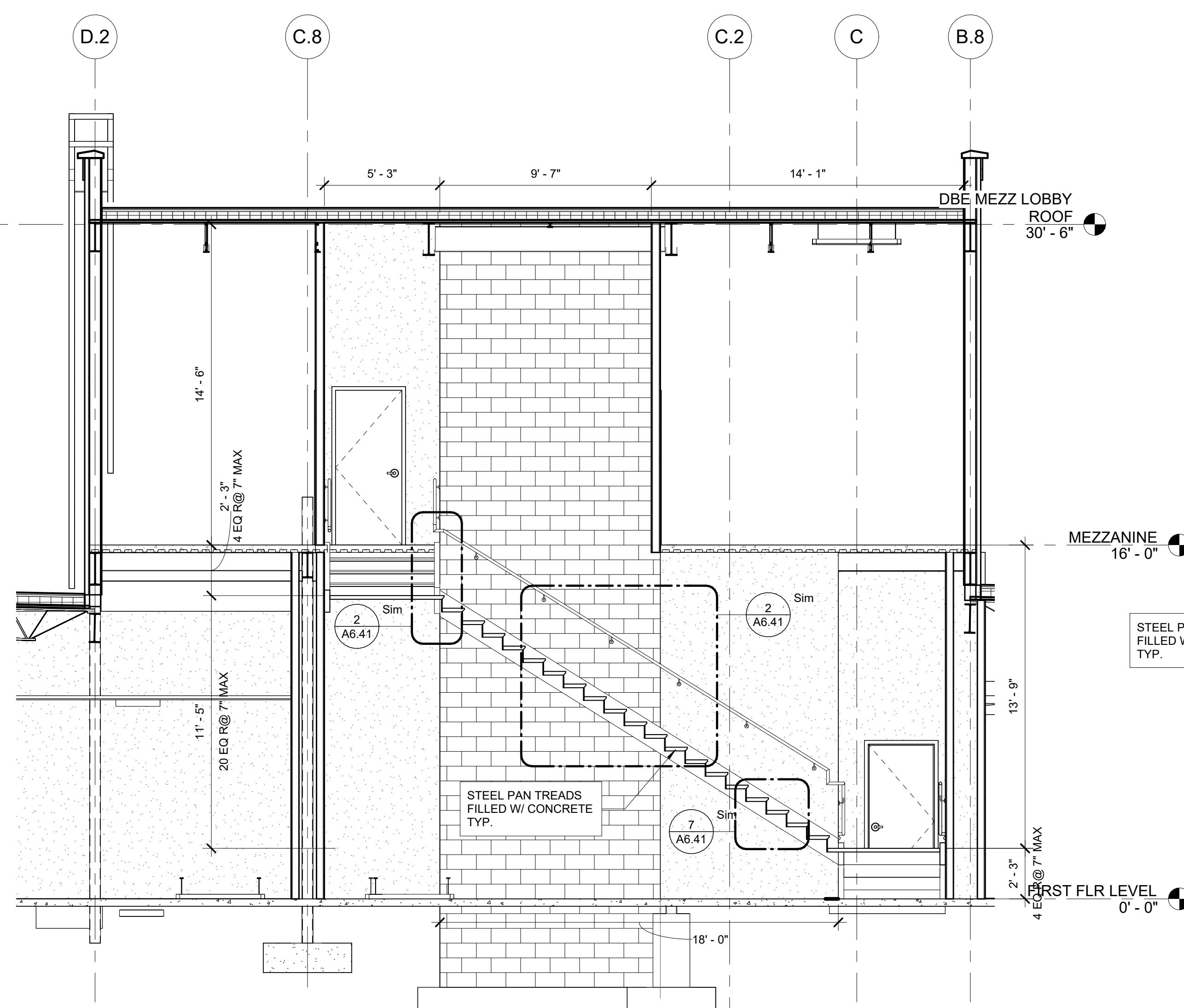
1 FIRST FLOOR INTERIOR STAIR
A6.31 1/4" = 1'-0"



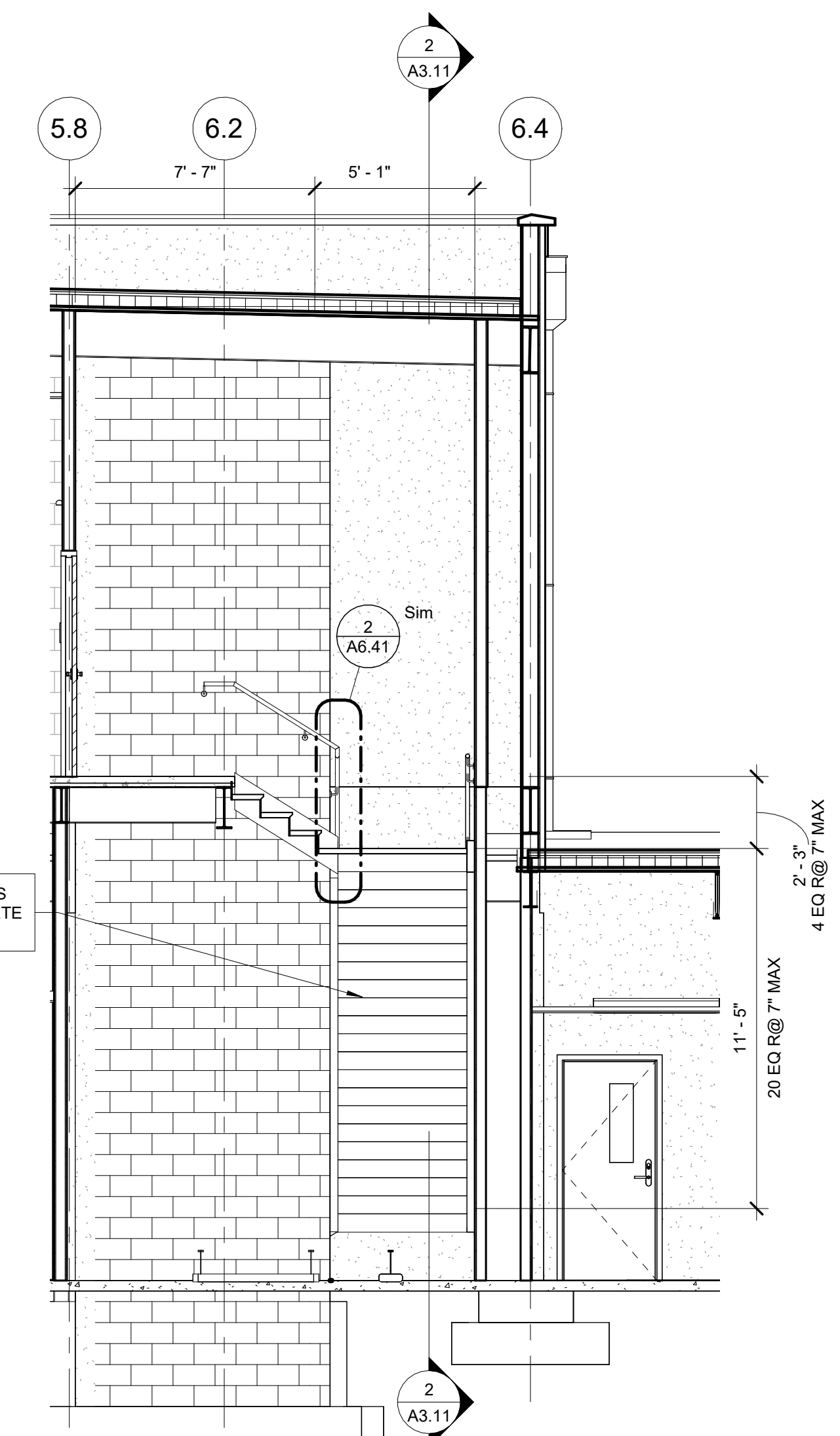
2 MEZZANINE INTERIOR STAIR
A6.31 1/4" = 1'-0"



3 STAIR SECTION
A6.31 1/4" = 1'-0"



4 LONGITUDINAL STAIR SECTION
A6.31 1/4" = 1'-0"



5 UPPER LANDING STAIR SECTION
A6.31 1/4" = 1'-0"

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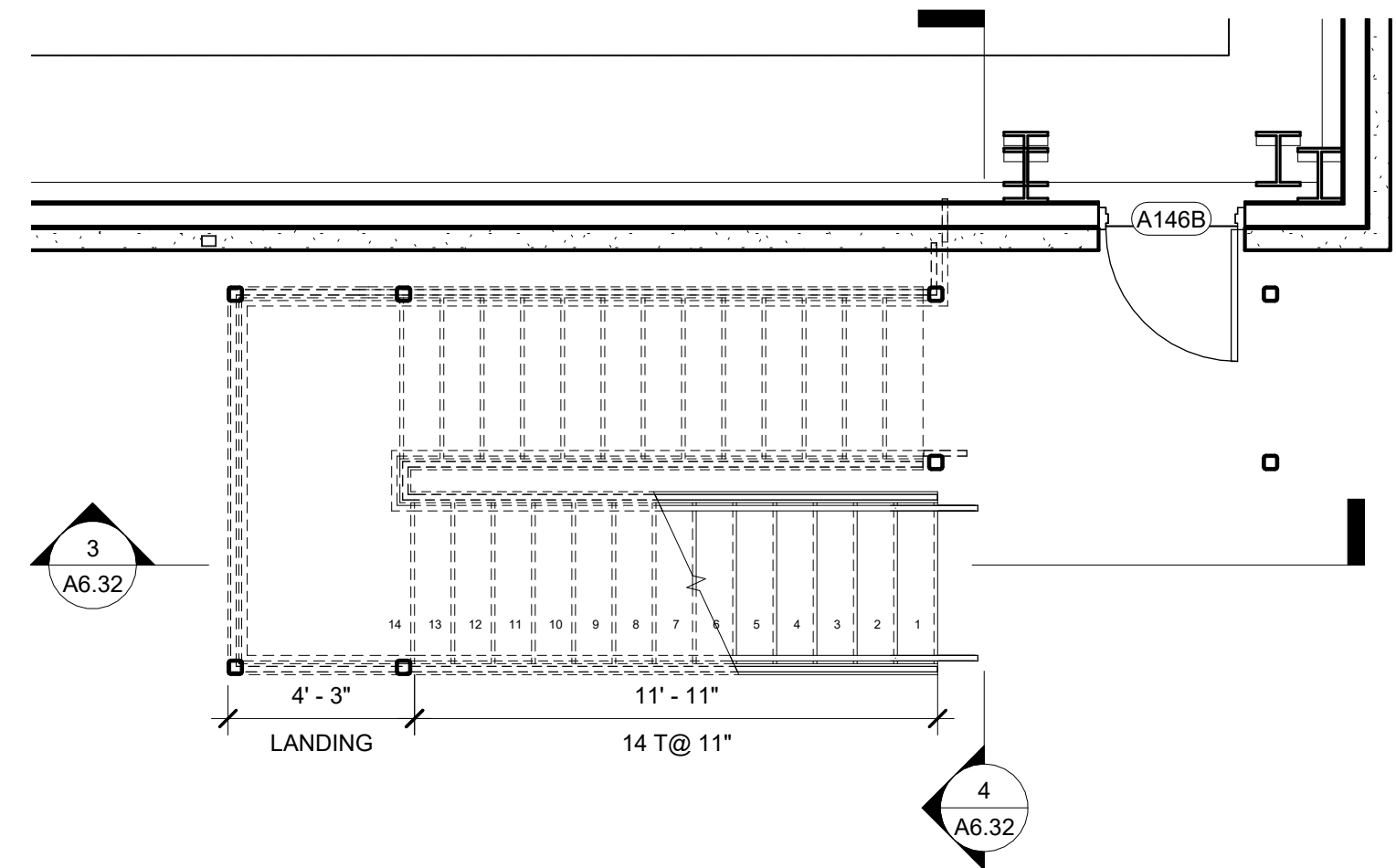
SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE
**INTERIOR STAIR
PLAN AND SECTION**

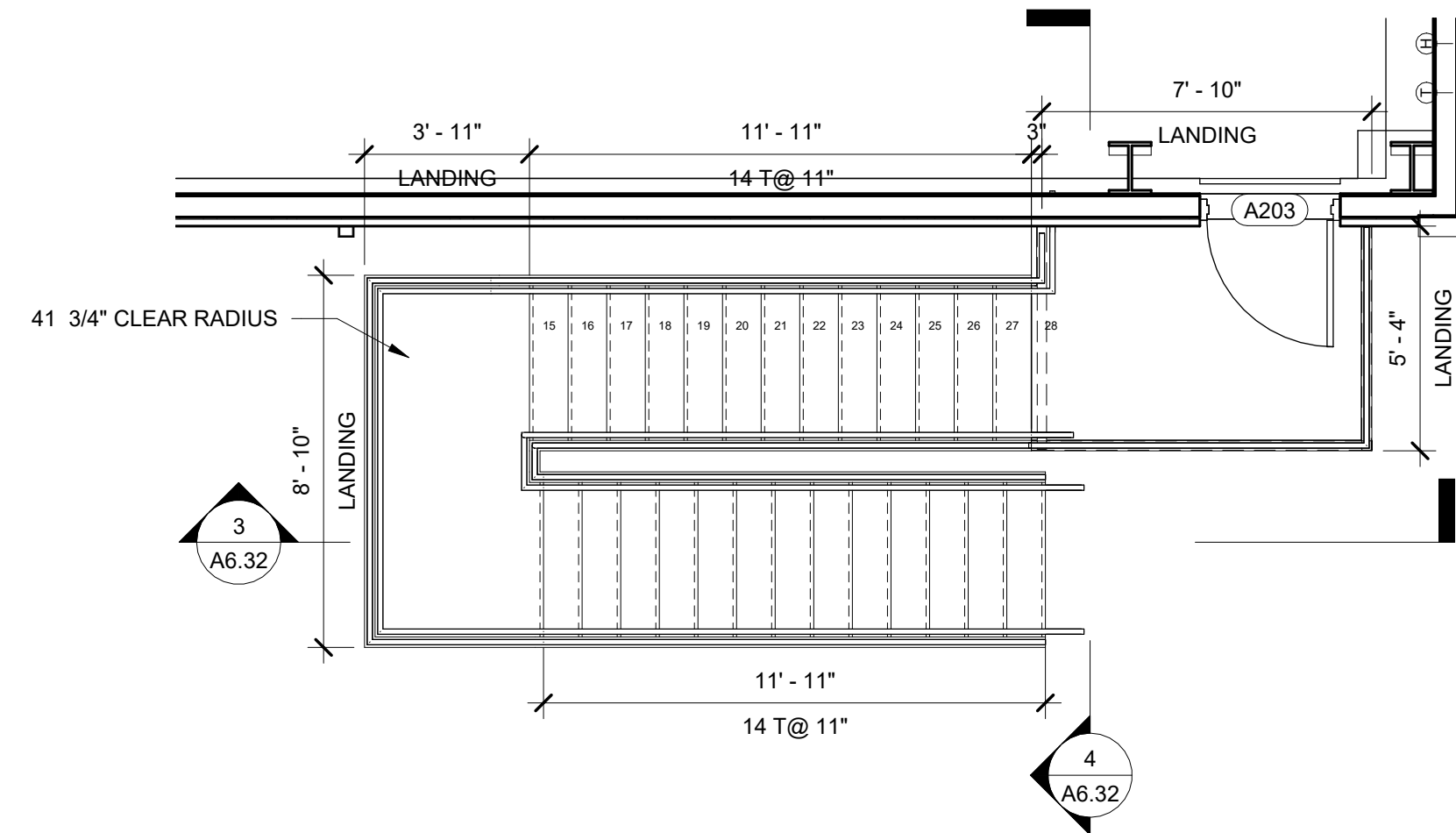
PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE 1/4" = 1'-0"
CHECKED BY NR
SHEET NO.

A6.31



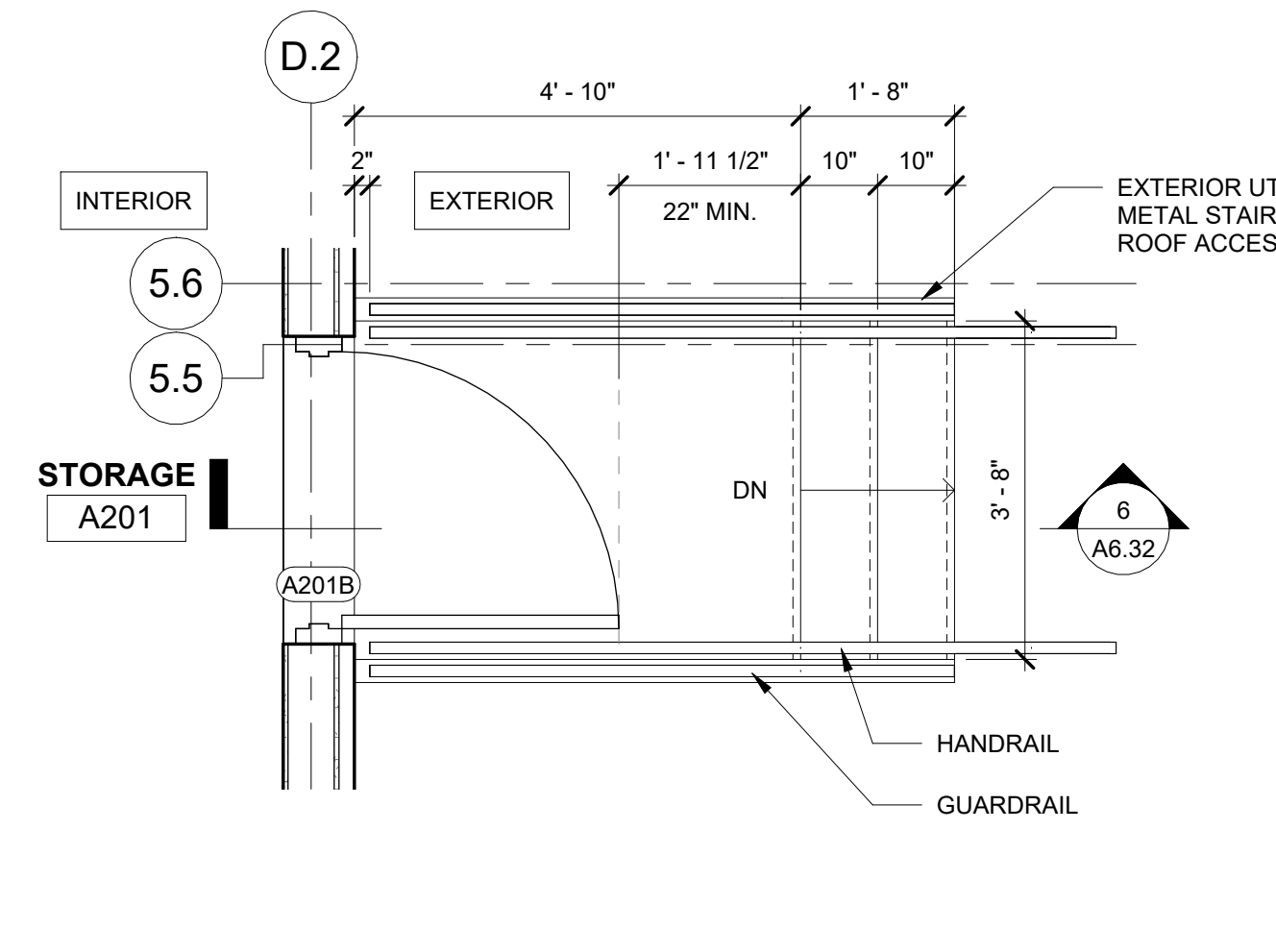
1 FIRST FLOOR EXTERIOR STAIR

A6.32 1/4" = 1'-0"



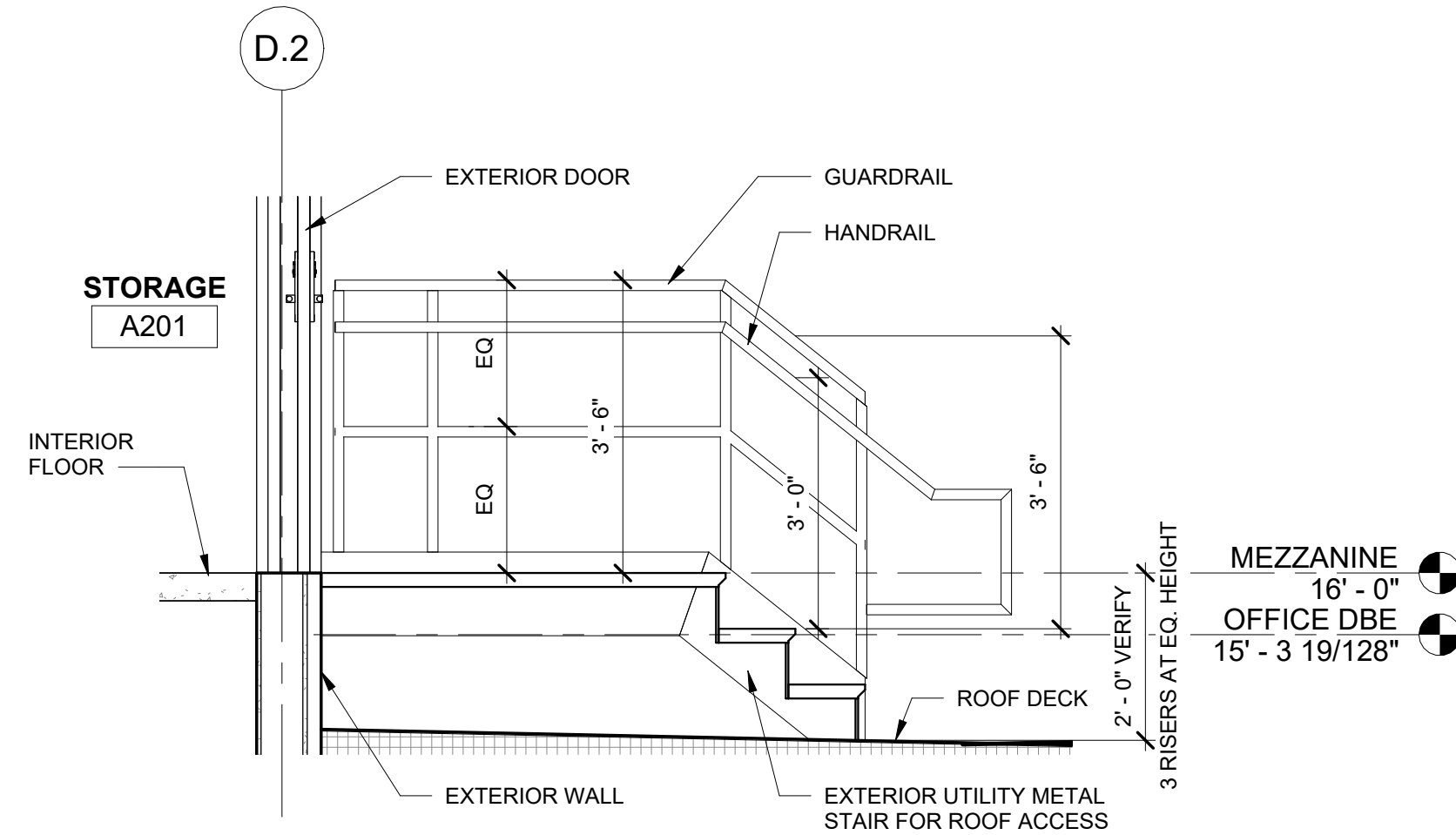
2 MEZZANINE EXTERIOR STAIR

A6.32 1/4" = 1'-0"



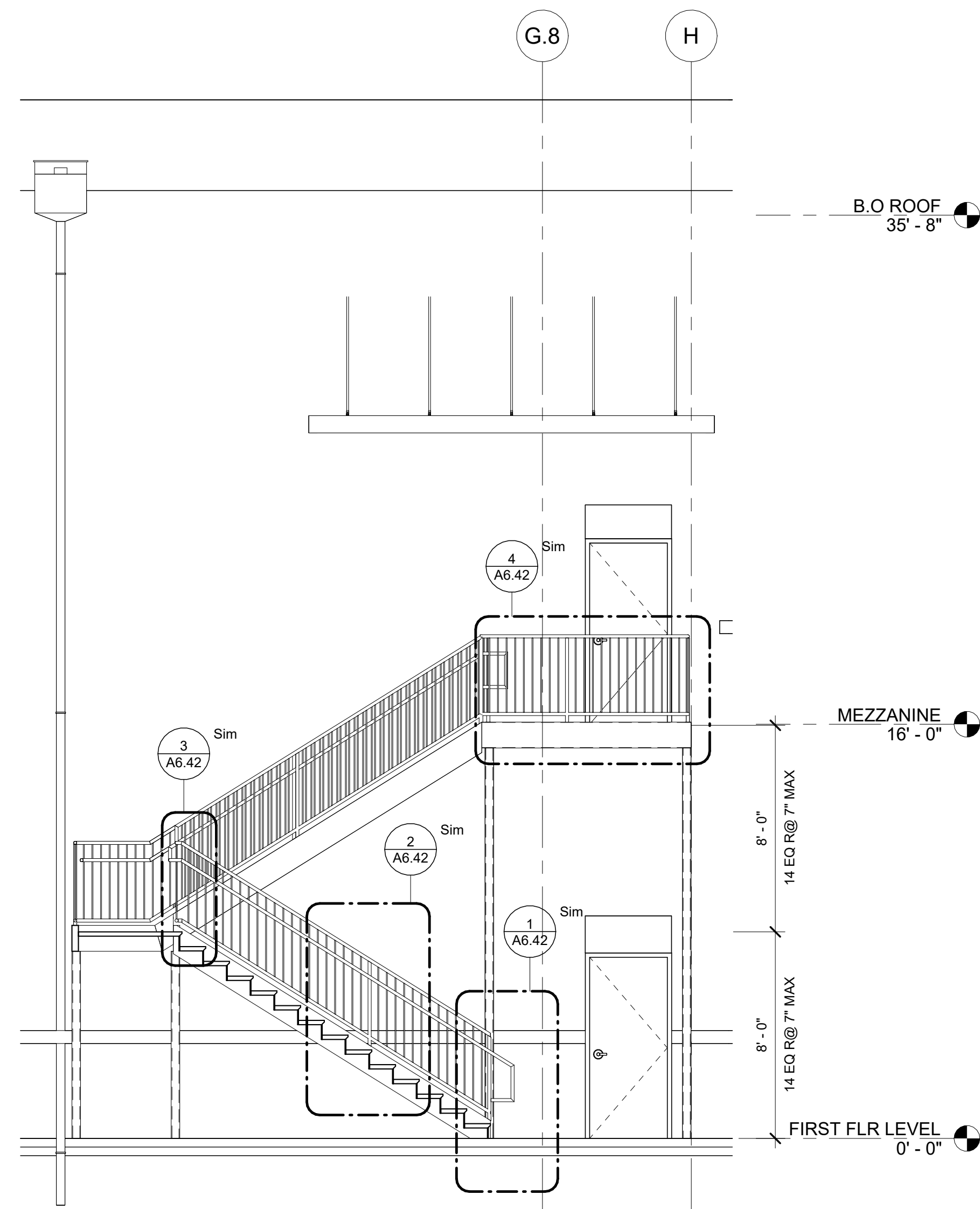
5 ROOF ACCESS STAIR PLAN

A6.32 1/2" = 1'-0"



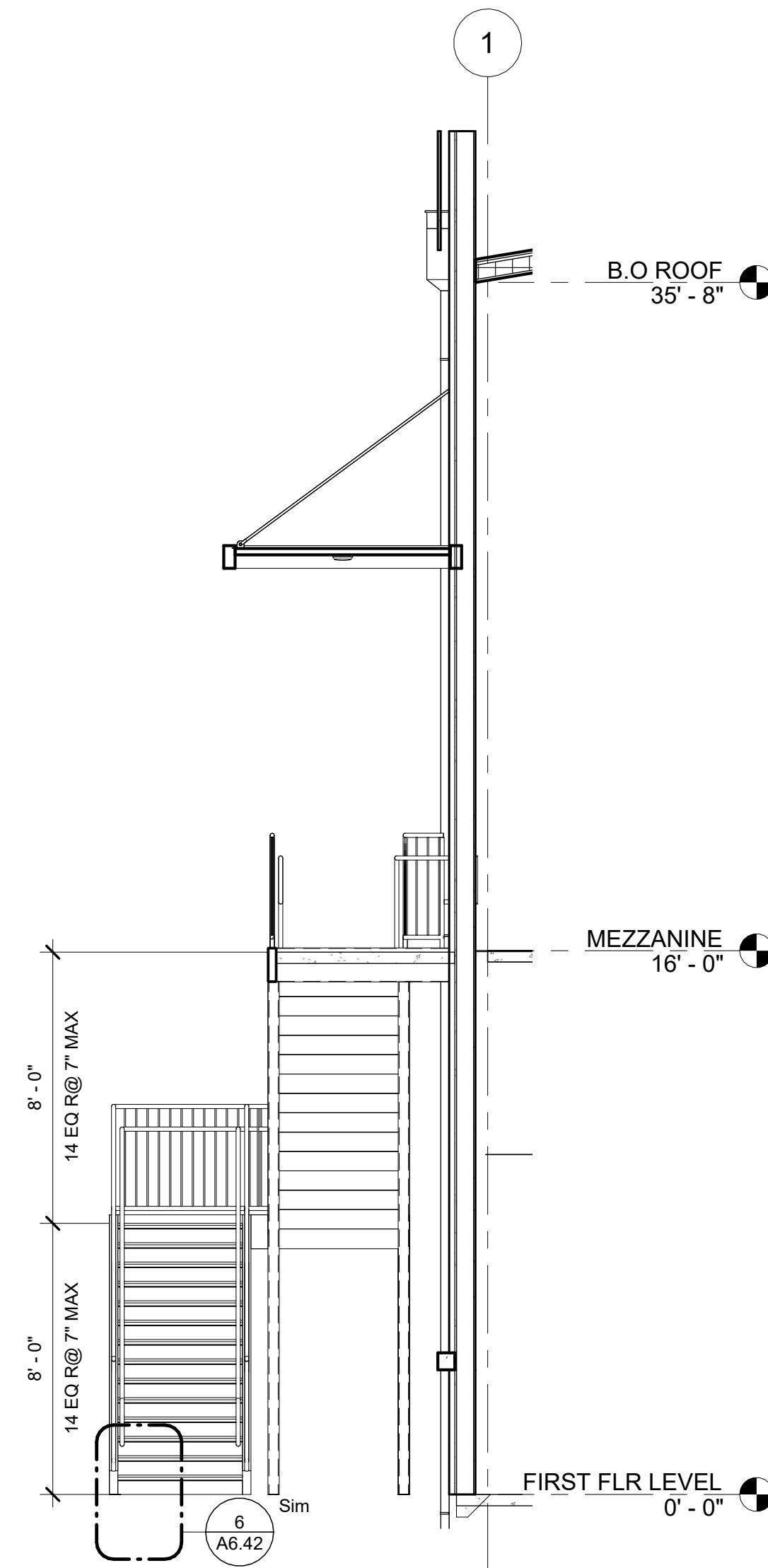
6 SECTION AT ROOF ACCESS STAIR

A6.32 1/2" = 1'-0"



3 EXTERIOR STAIR SECTION

A6.32 1/4" = 1'-0"



4 EXTERIOR STAIR SECTION

A6.32 1/4" = 1'-0"

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**EXTERIOR STAIR
PLAN AND SECTION**

PROJECT NO. 21091	DATE 06/21/2024
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**ELEVATOR PLAN
AND SECTION**

PROJECT NO.

21091

DATE

06/21/2024

DRAWN BY

STAFF

CHECKED BY

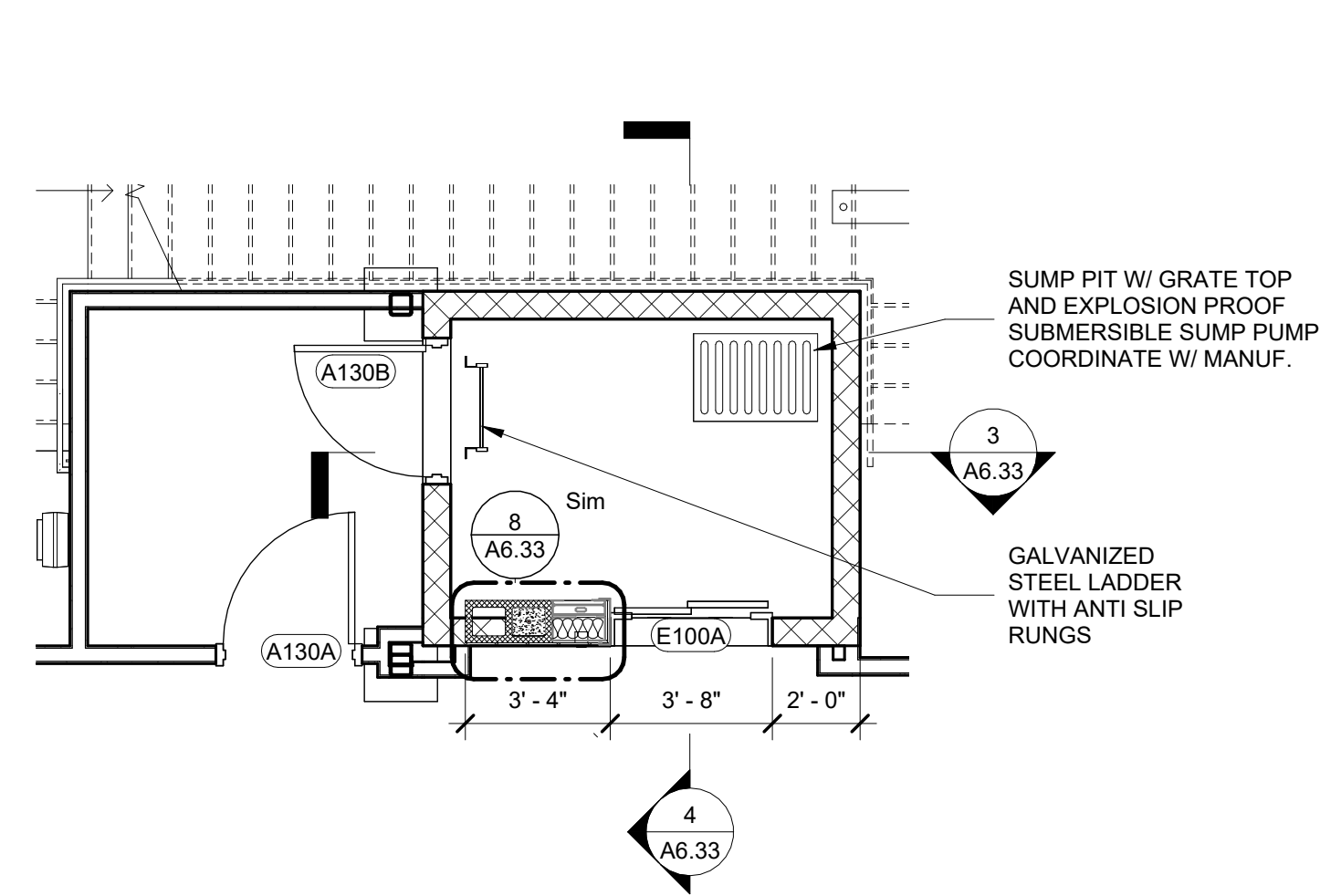
NR

SHEET NO.

As indicated

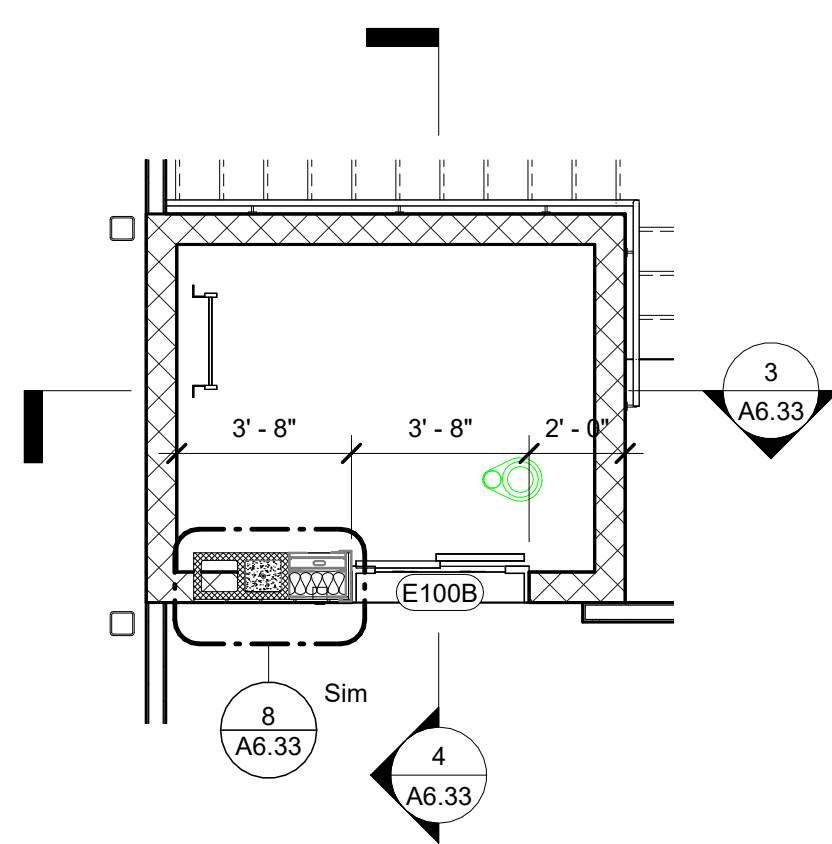
A6.33

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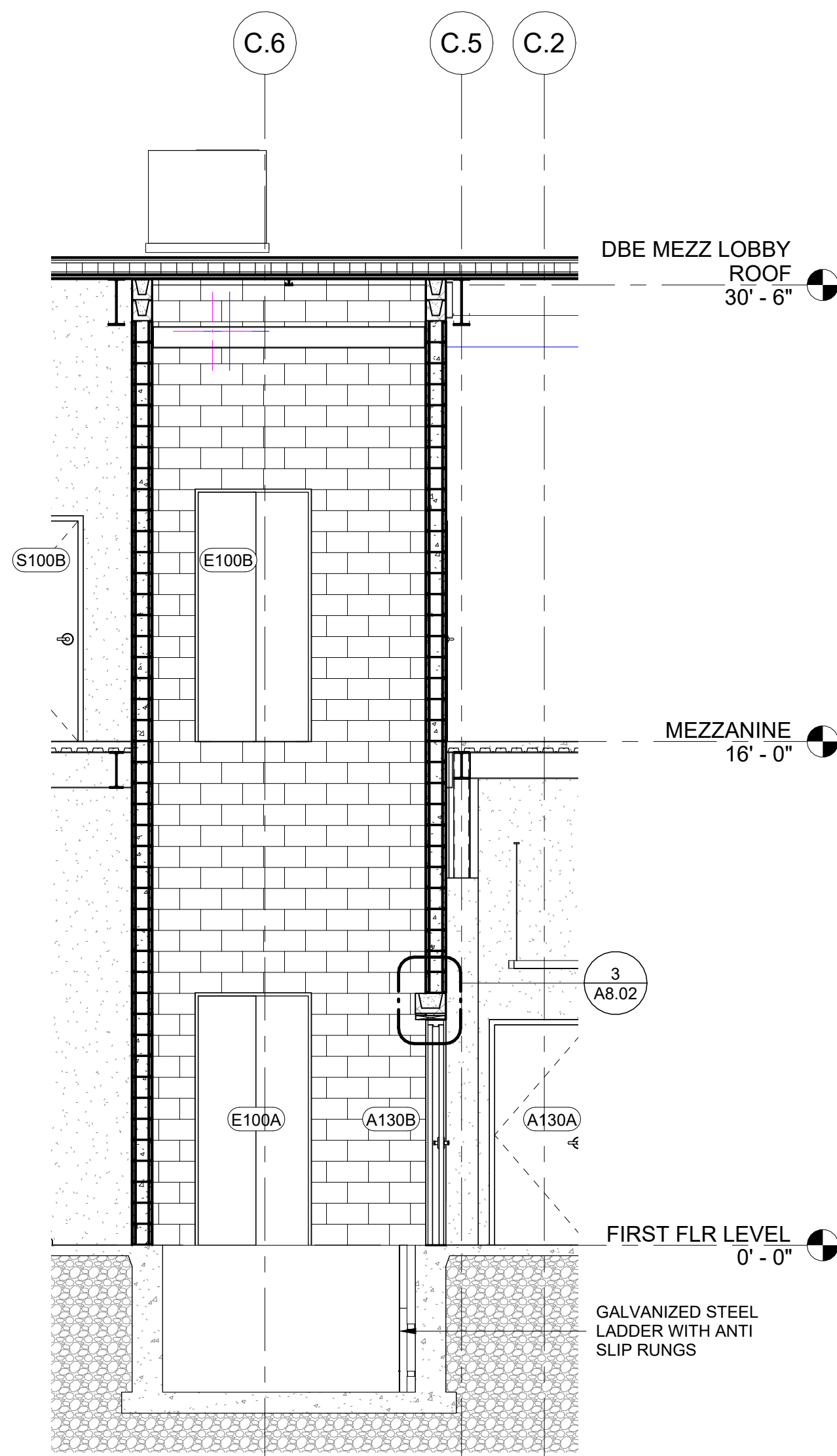
1 FIRST FLOOR ELEVATOR

A6.33 1/4" = 1'-0"



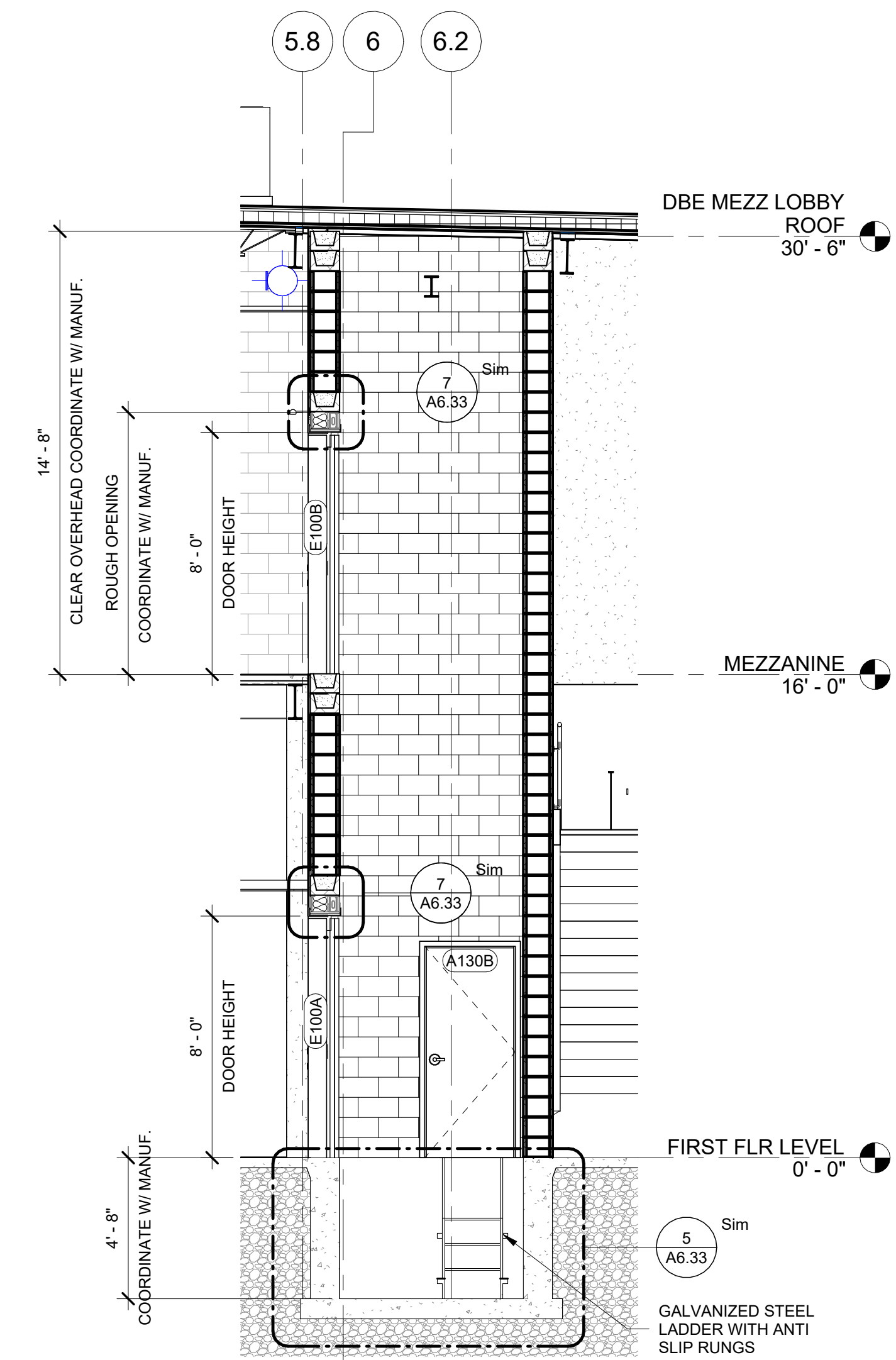
2 MEZZANINE ELEVATOR

A6.33 1/4" = 1'-0"



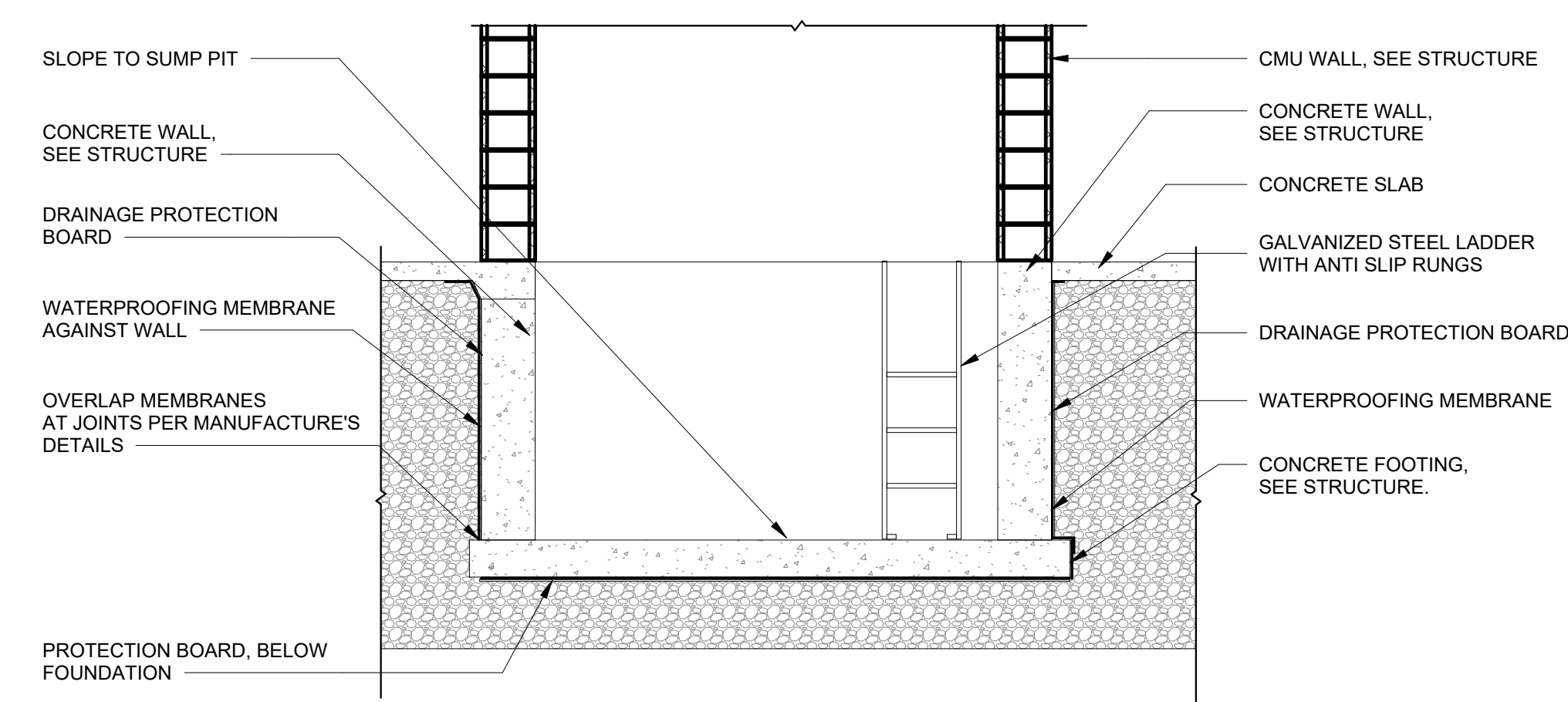
3 ELEVATOR SECTION

A6.33 1/4" = 1'-0"



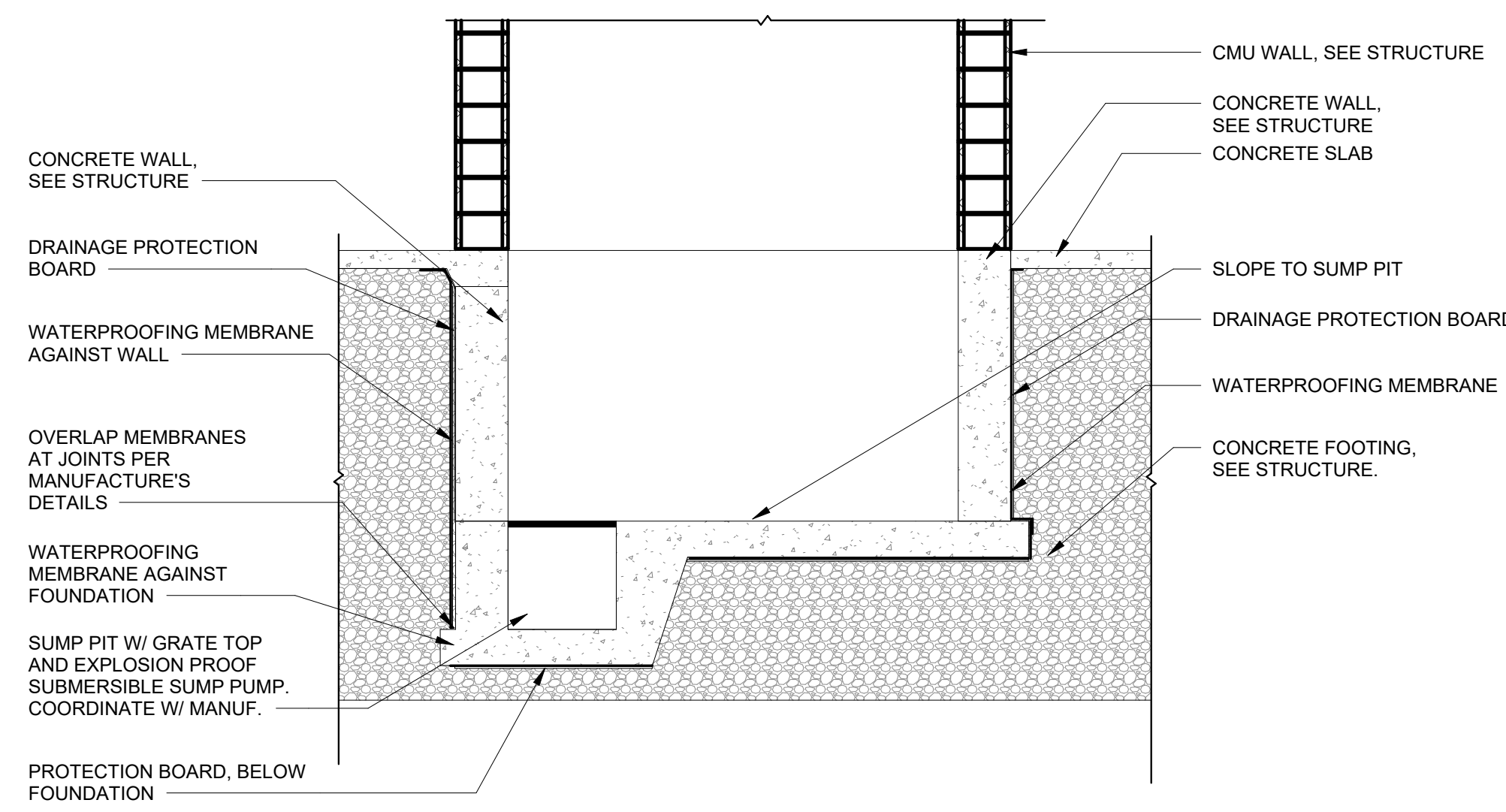
4 ELEVATOR SECTION

A6.33 1/4" = 1'-0"



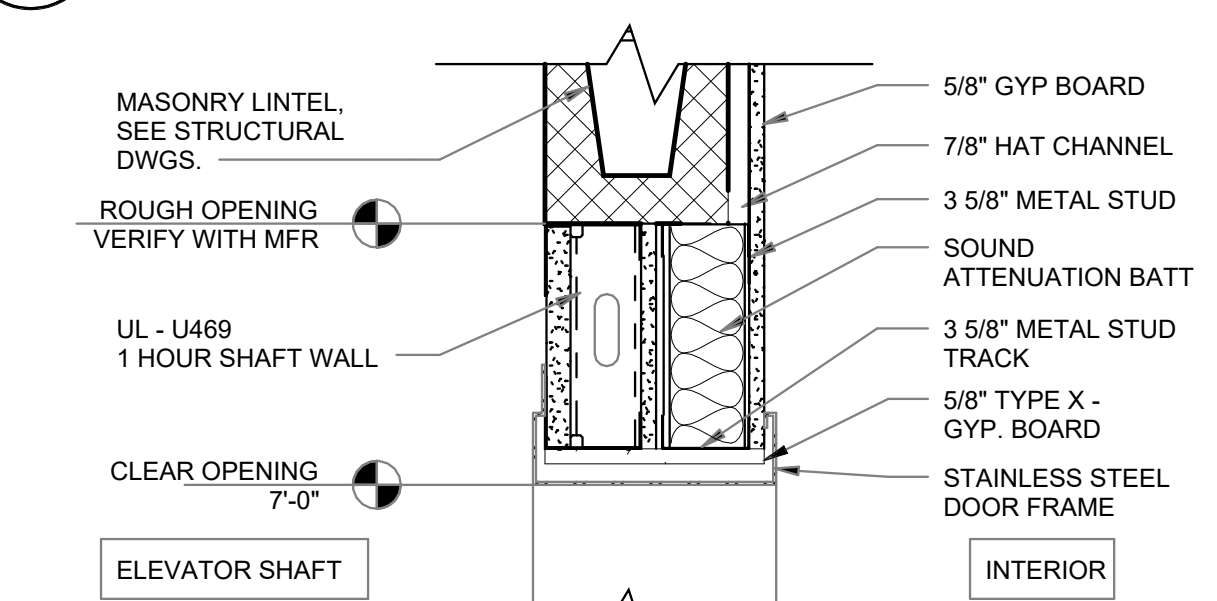
5 PIT DETAIL

A6.33 3/8" = 1'-0"



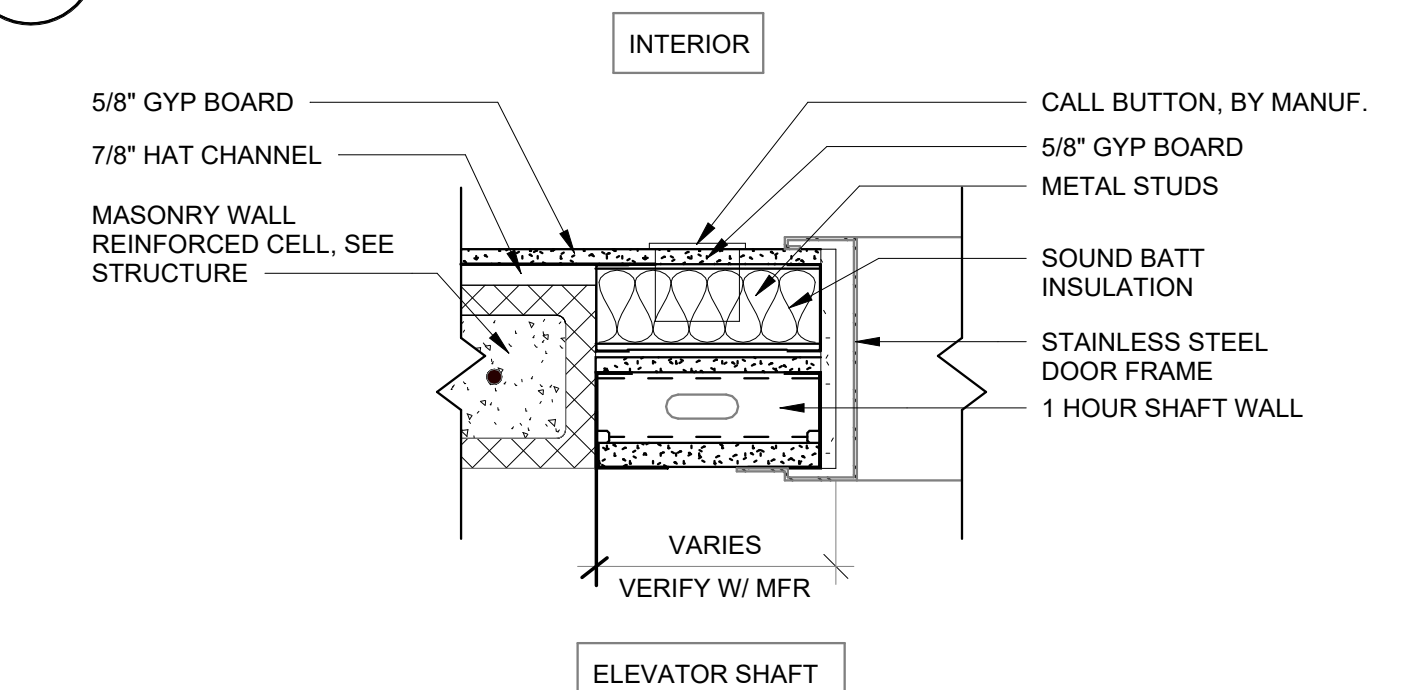
6 PIT DETAIL

A6.33 3/8" = 1'-0"



7 ELEVATOR HEAD DETAIL

A6.33 1 1/2" = 1'-0"



8 ELEVATOR JAMB DETAIL

A6.33 1 1/2" = 1'-0"

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NO	DATE	DESCRIPTION

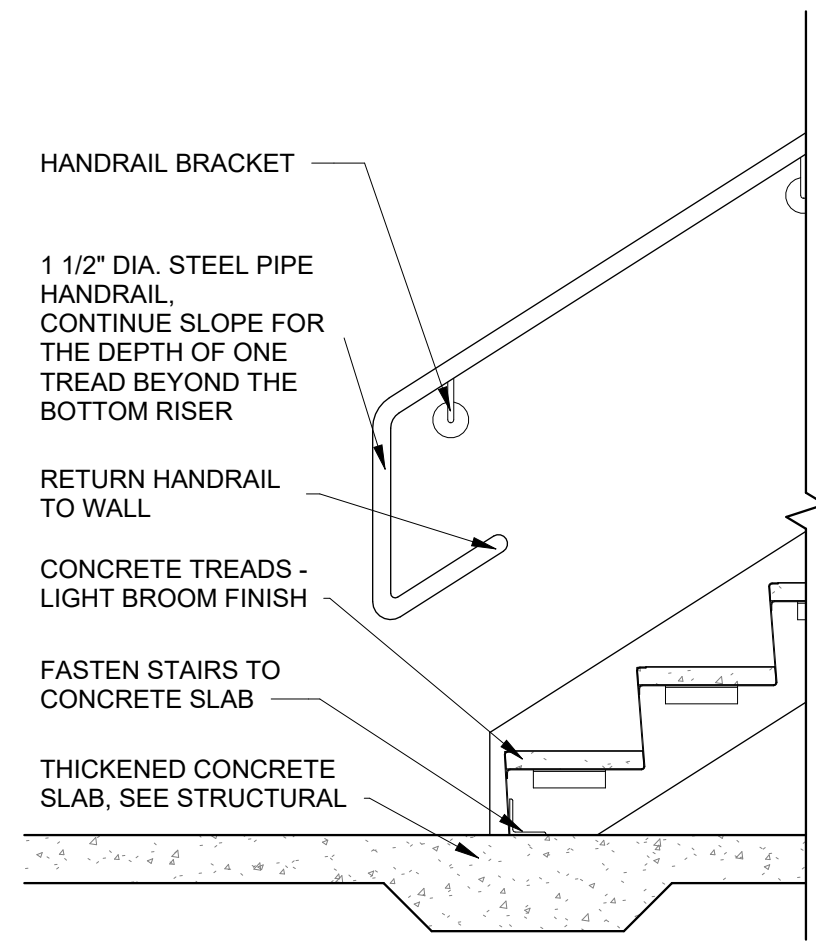
CD PROGRESS

SHEET TITLE
**INTERIOR RAILING
DETAILS**

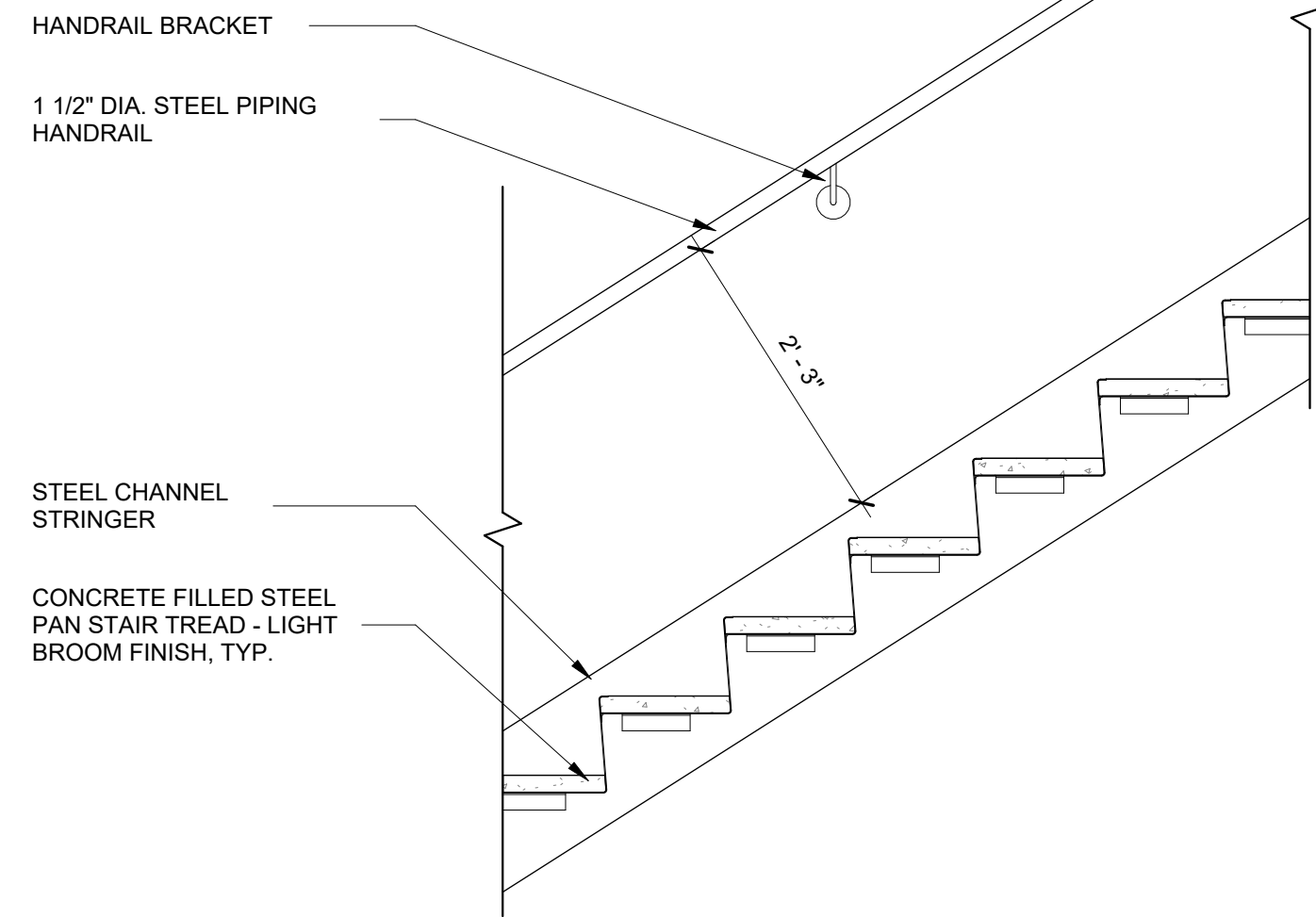
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE
CHECKED BY NR
As indicated
SHEET NO.

A6.41

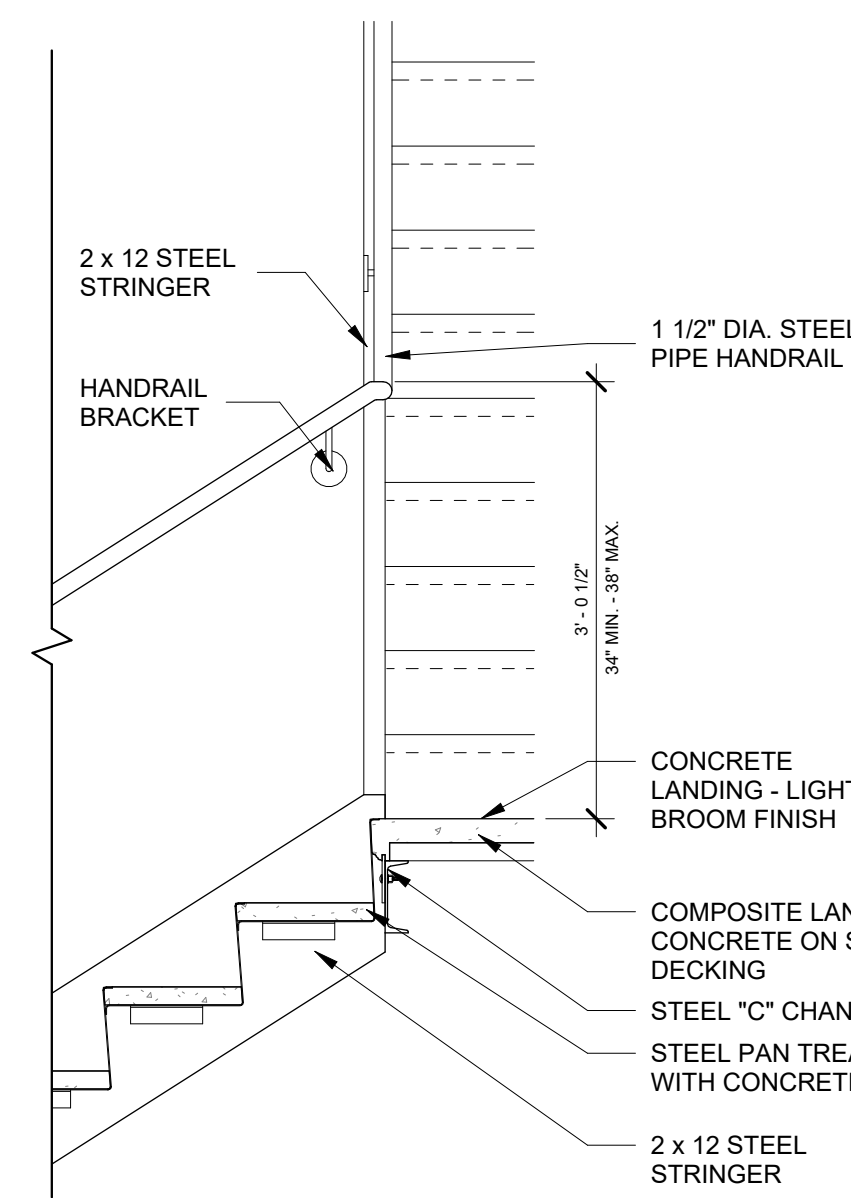
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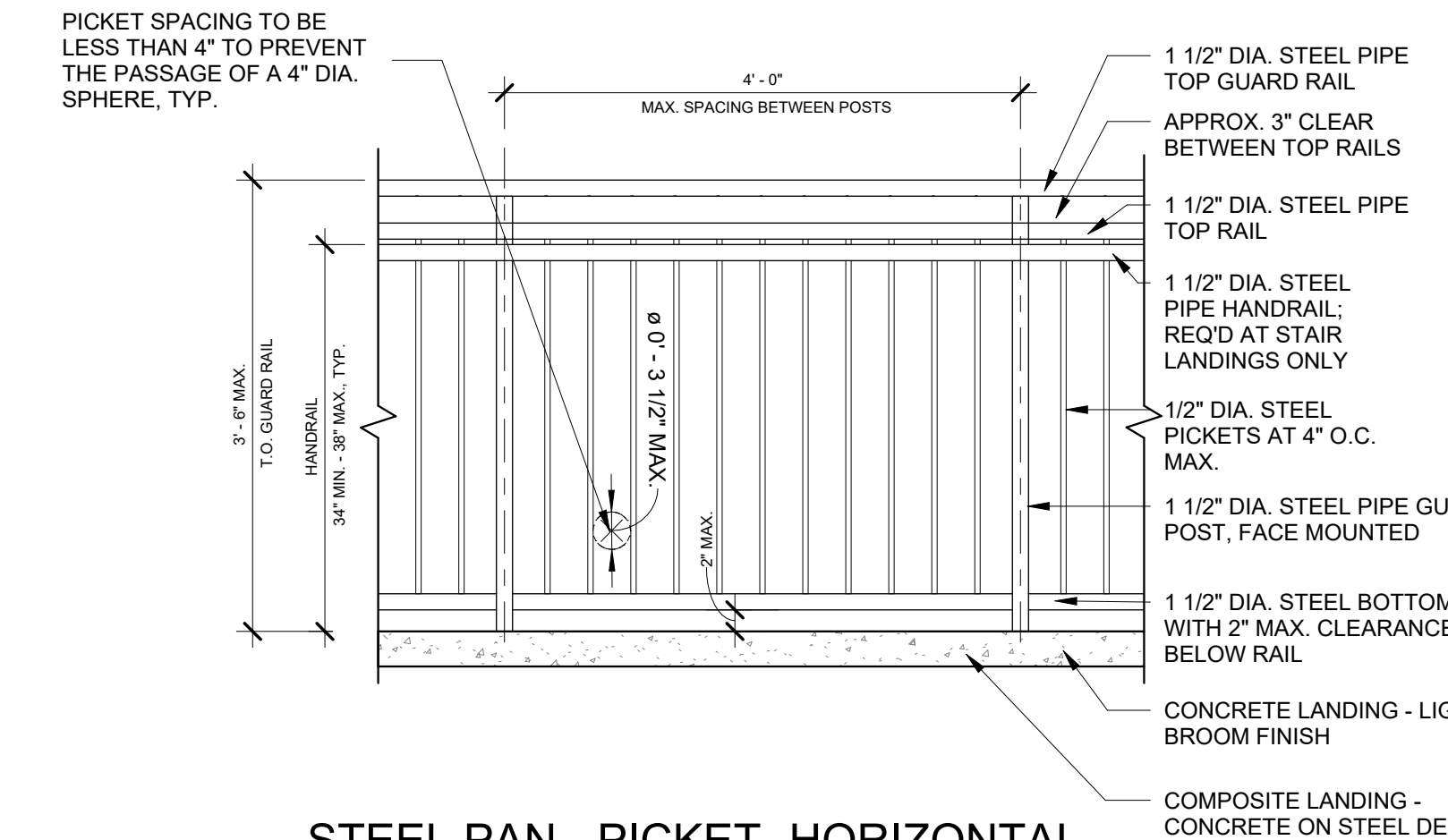
1 STEEL PAN - PICKET - BASE DETAIL
A6.41 3/4" = 1'-0"



2 STEEL PAN - PICKET - TYPICAL DETAIL
A6.41 3/4" = 1'-0"

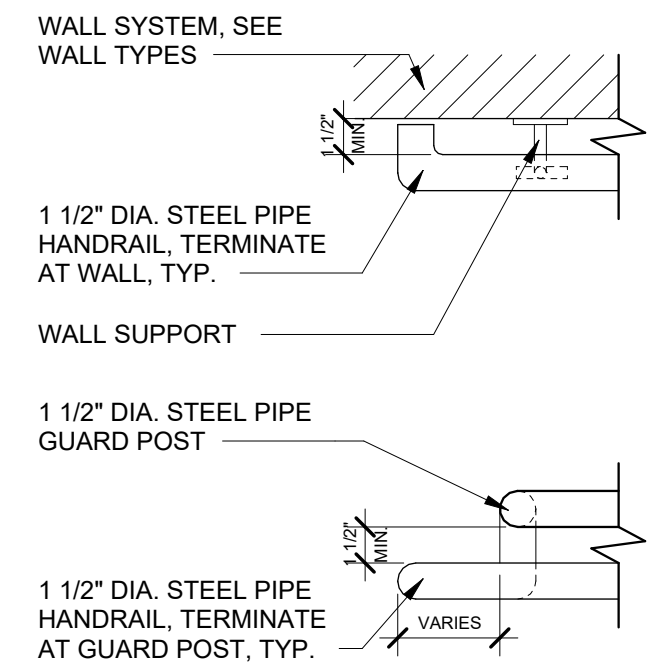


3 STEEL PAN - PICKET - TOP DETAIL
A6.41 3/4" = 1'-0"

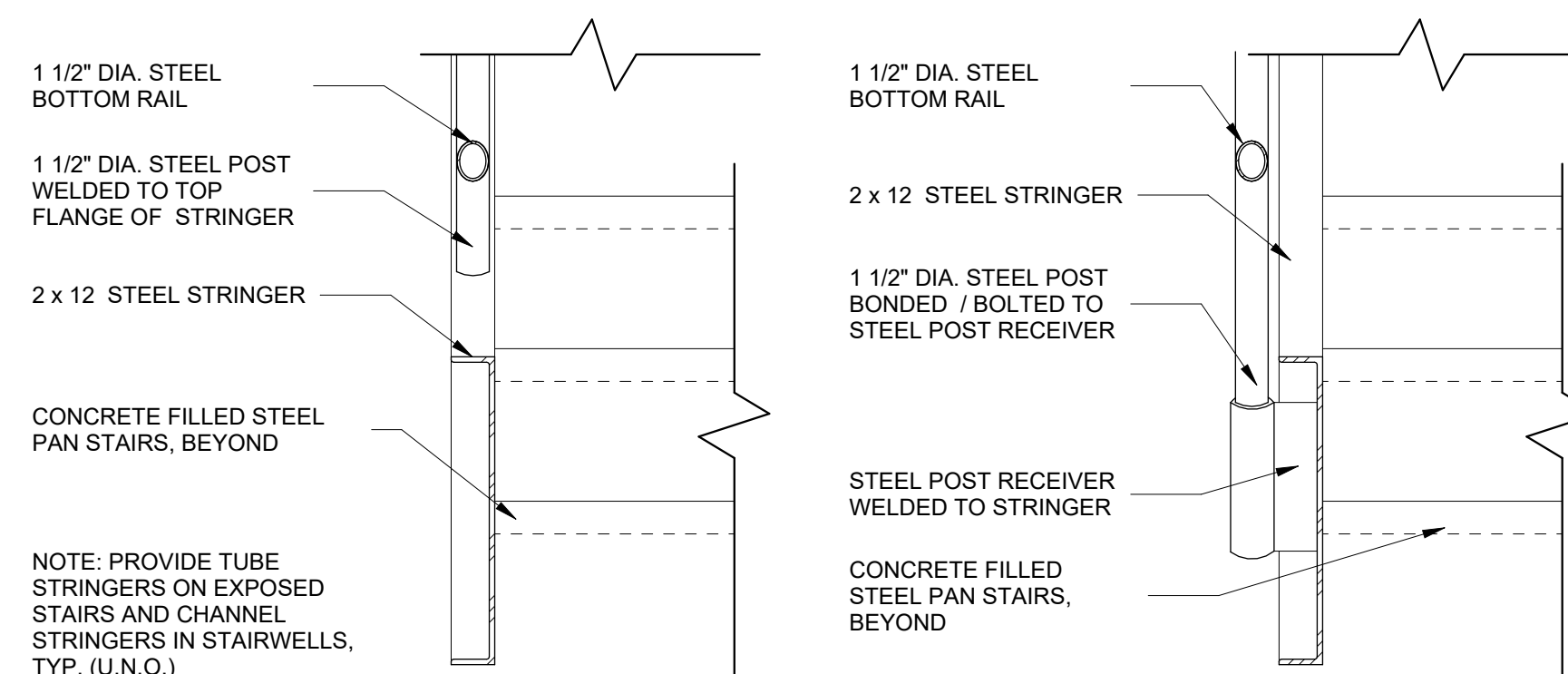


4 STEEL PAN - PICKET - HORIZONTAL APPLICATIONS
A6.41 3/4" = 1'-0"

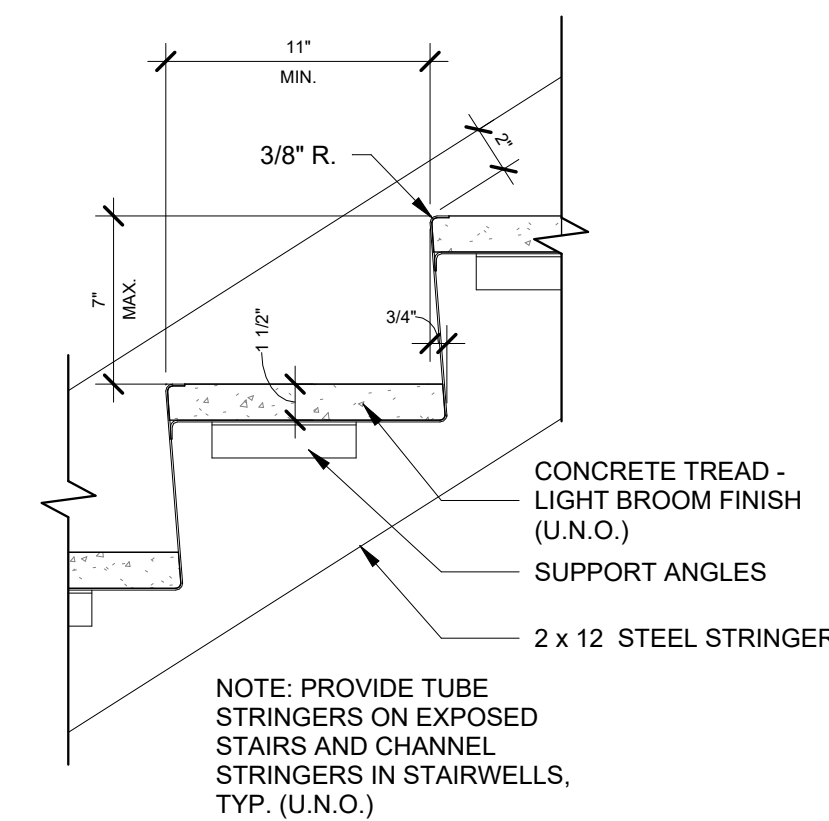
EXTEND ALL RAILING ENDS MINIMUM 12" BEYOND FINAL STRINGER & COMPLY WITH ALL OTHER APPLICABLE CODES, TYP.



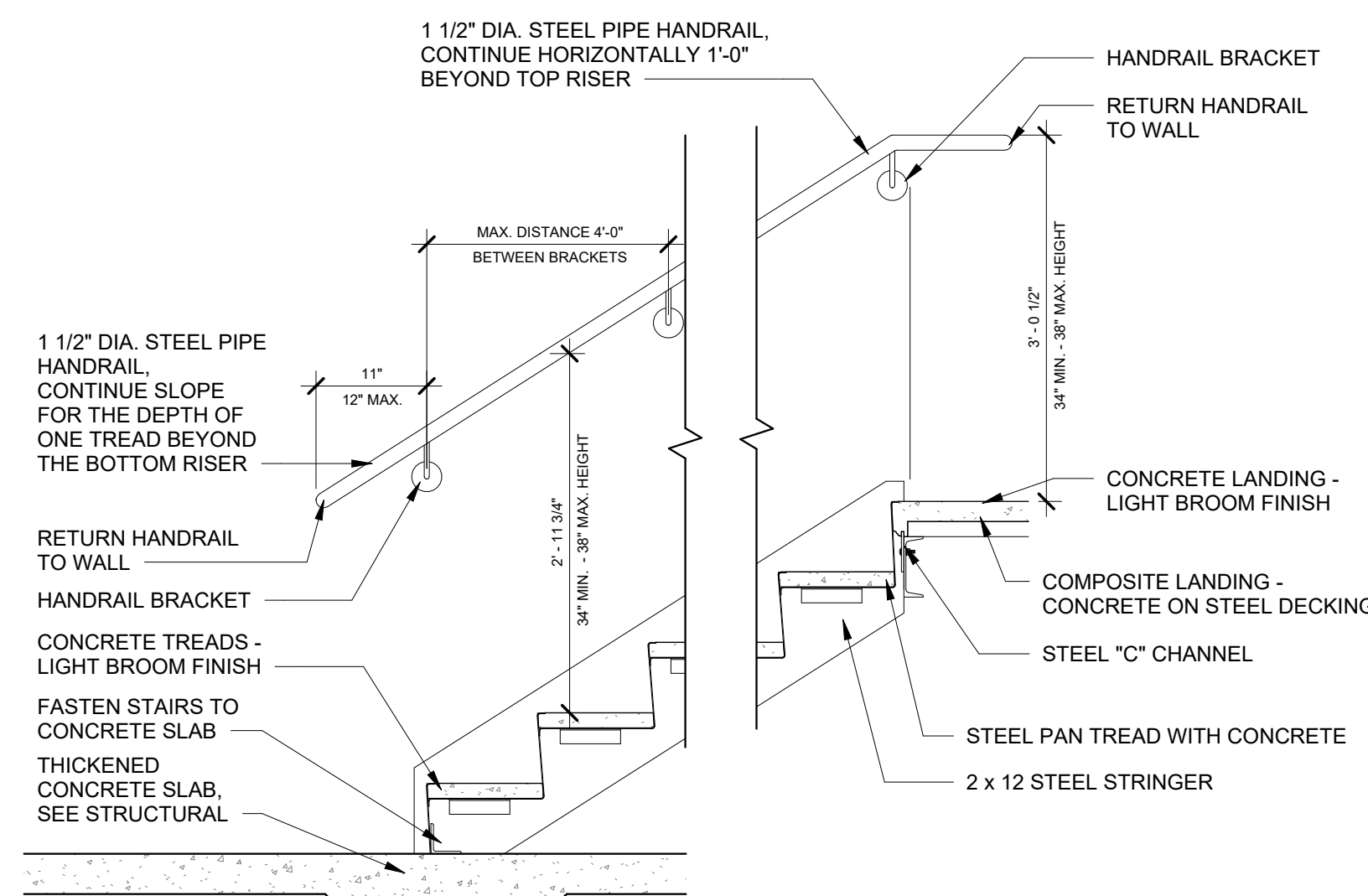
5 HANDRAIL TERMINATIONS
A6.41 1 1/2" = 1'-0"



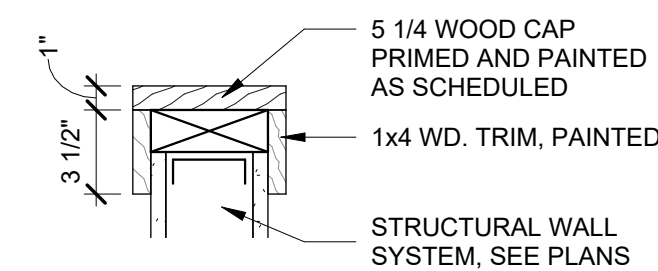
6 RAIL SYSTEM MOUNTING TYPES
A6.41 1 1/2" = 1'-0"



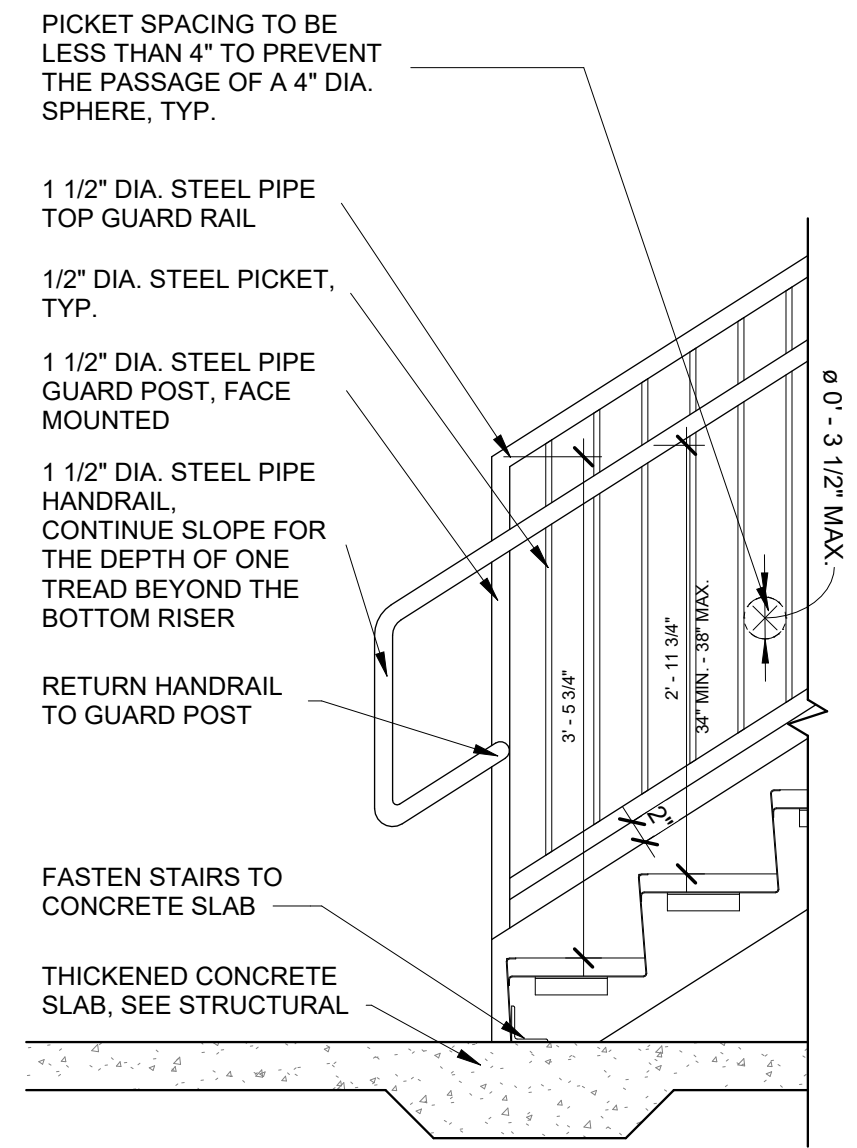
7 STEEL PAN STAIR DETAIL
A6.41 1 1/2" = 1'-0"



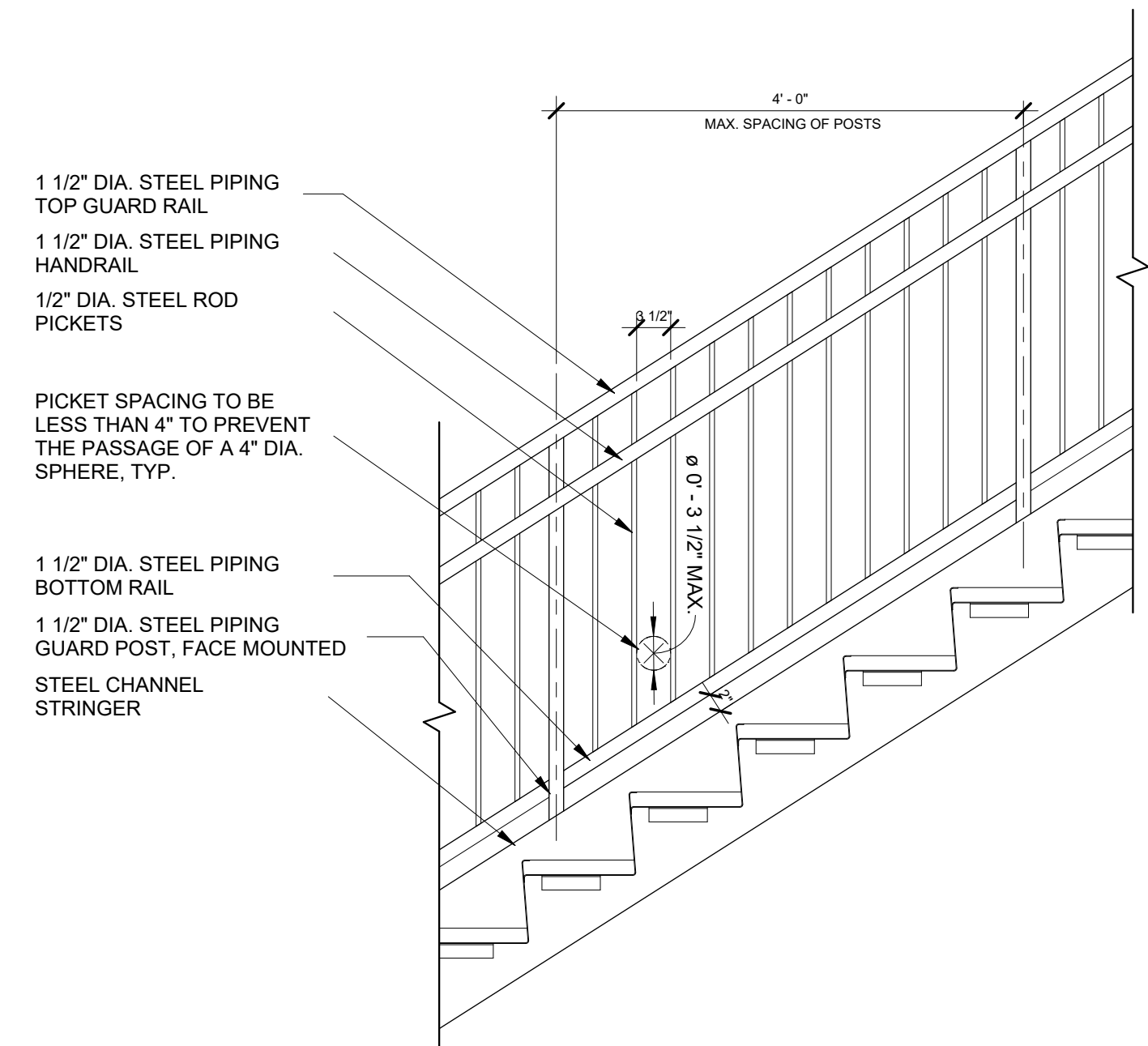
8 STEEL PAN - WALL MOUNTED HANDRAIL - DETAILS
A6.41 3/4" = 1'-0"



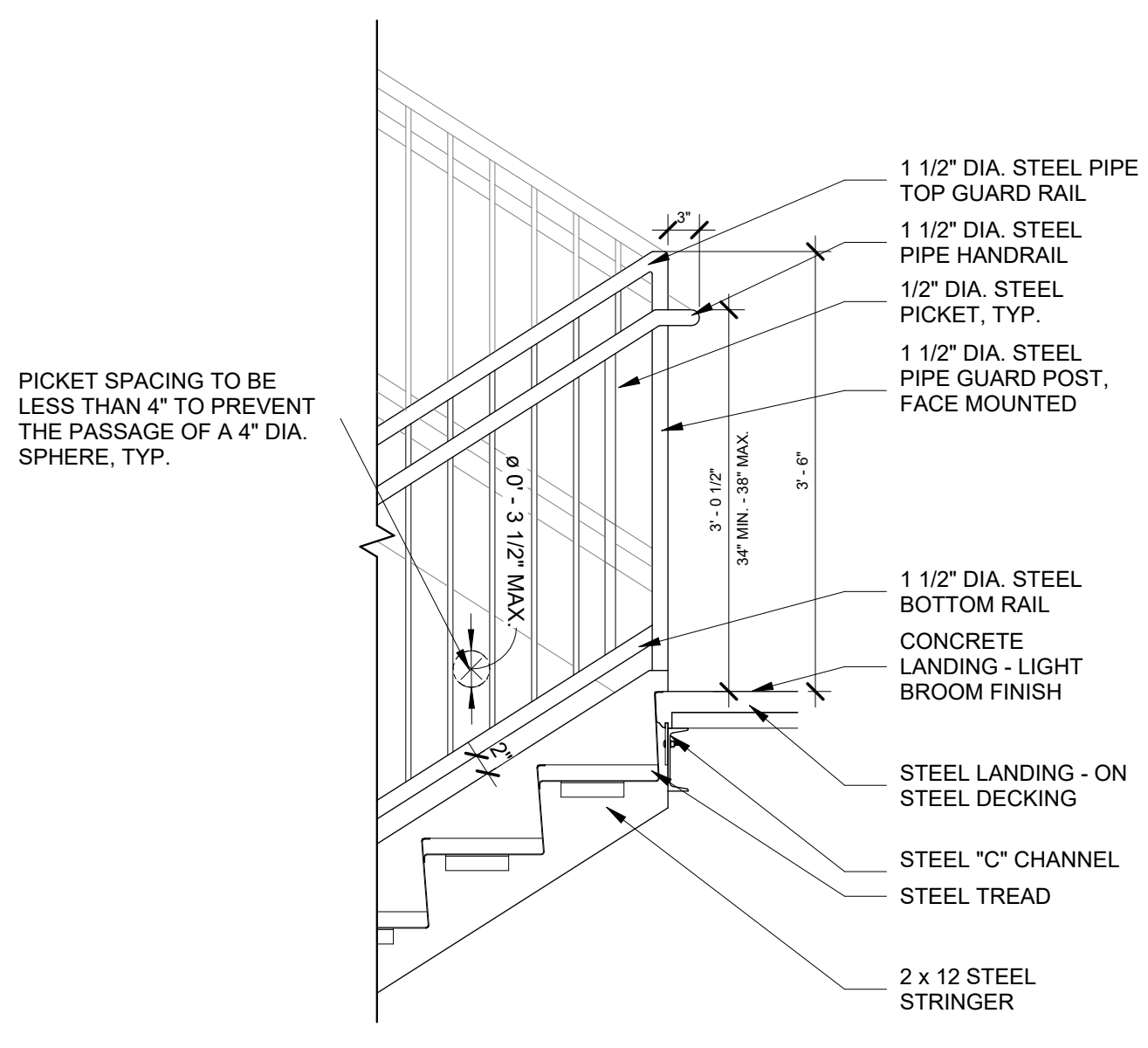
9 GUARDRAIL CAP DETAIL
A6.41 1 1/2" = 1'-0"



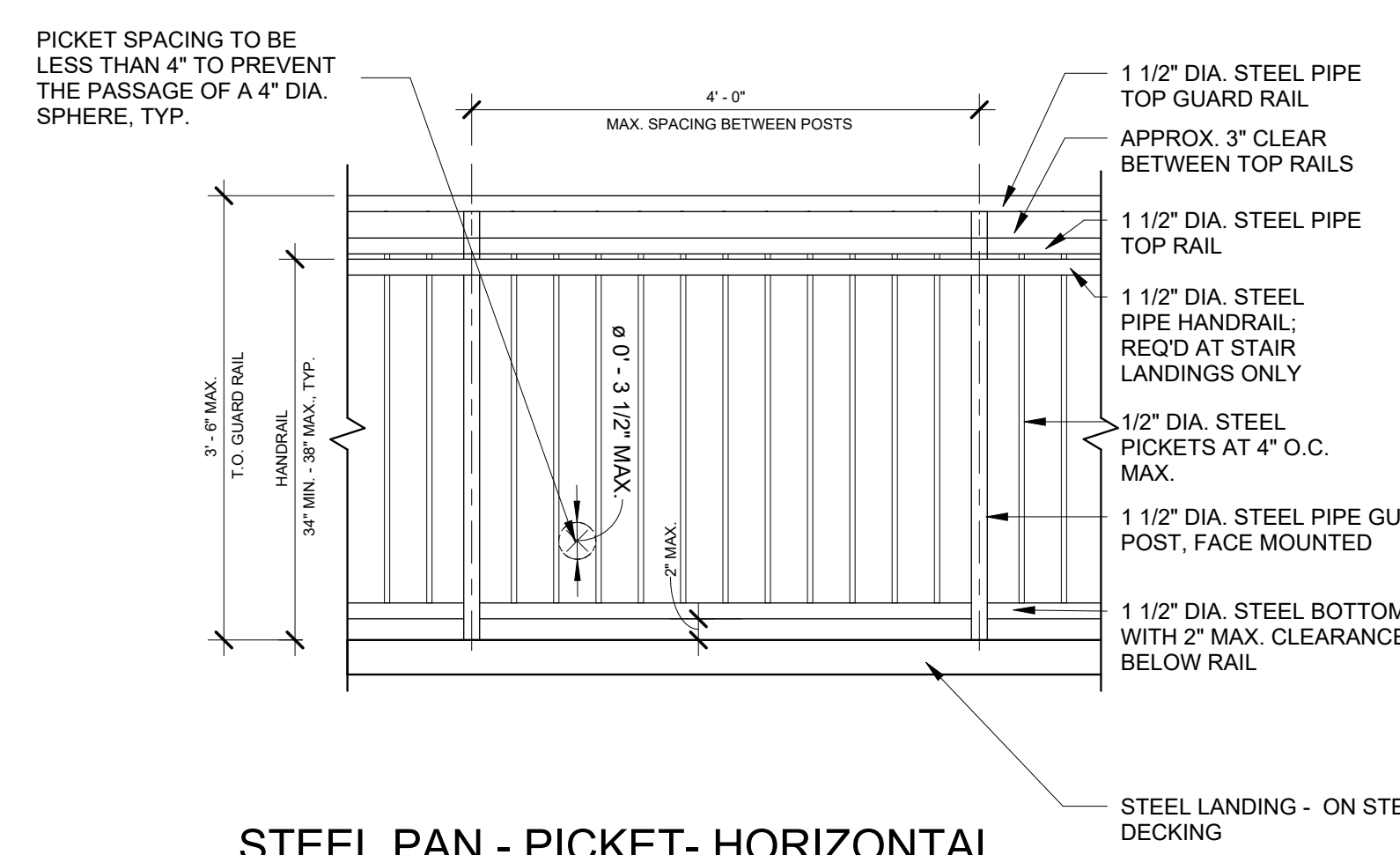
1 STEEL PAN - PICKET - BASE DETAIL
A6.42 3/4" = 1'-0"



2 STEEL PAN - PICKET - TYPICAL DETAIL
A6.42 3/4" = 1'-0"

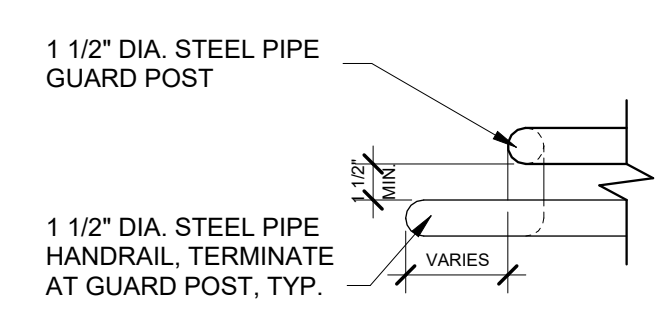


3 STEEL PAN - PICKET - TOP DETAIL
A6.42 3/4" = 1'-0"

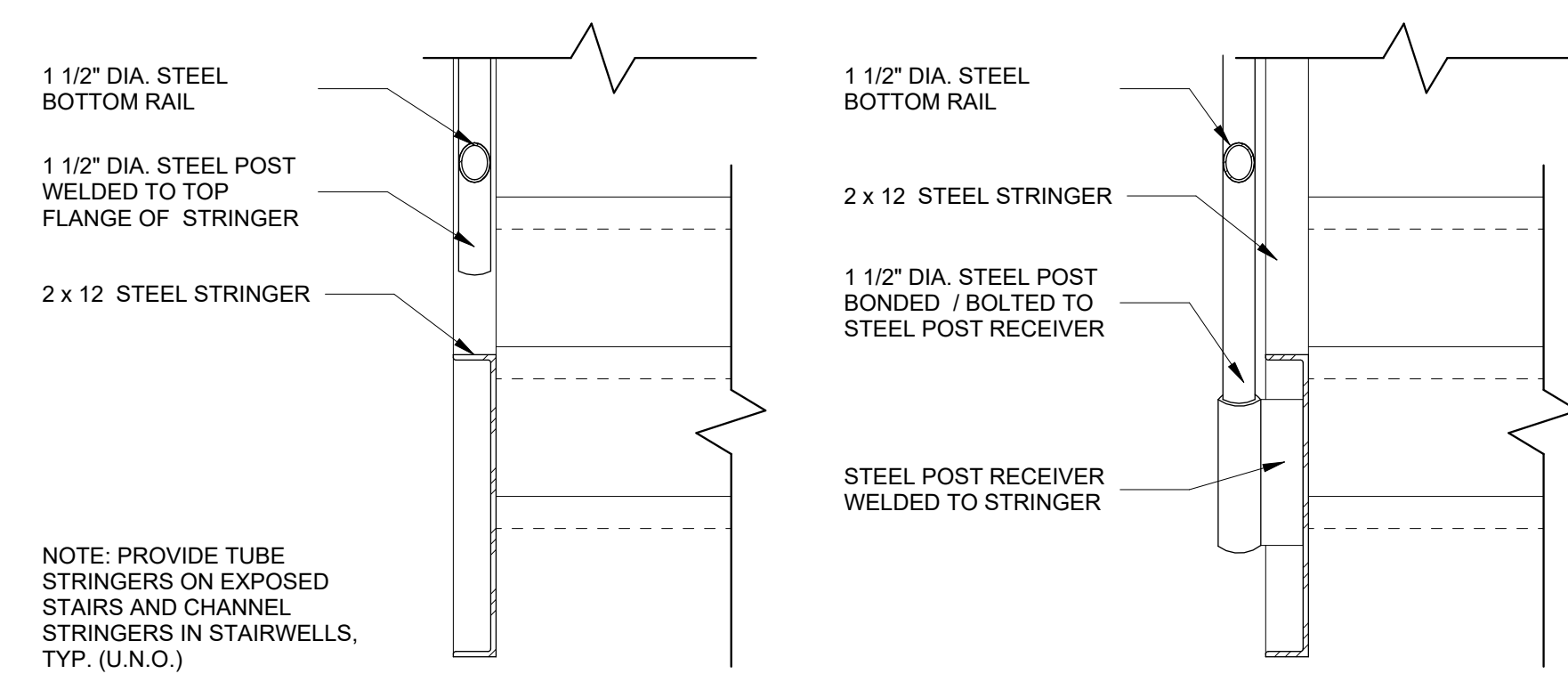


4 STEEL PAN - PICKET - HORIZONTAL APPLICATIONS
A6.42 3/4" = 1'-0"

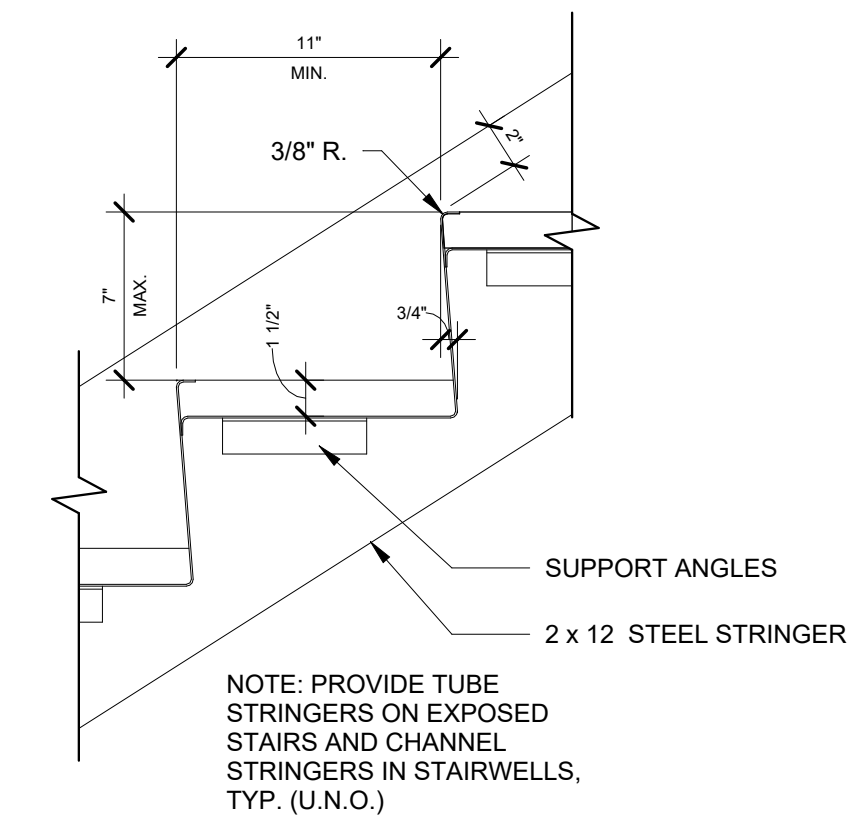
EXTEND ALL RAILING ENDS MINIMUM 12" BEYOND FINAL STRINGER & COMPLY WITH ALL OTHER APPLICABLE CODES, TYP.



5 HANDRAIL TERMINATIONS
A6.42 1 1/2" = 1'-0"



6 RAIL SYSTEM MOUNTING TYPES
A6.42 1 1/2" = 1'-0"



7 EXTERIOR STAIR DETAIL
A6.42 1 1/2" = 1'-0"

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SHEET TITLE
EXTERIOR RAILING DETAILS

PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO.	

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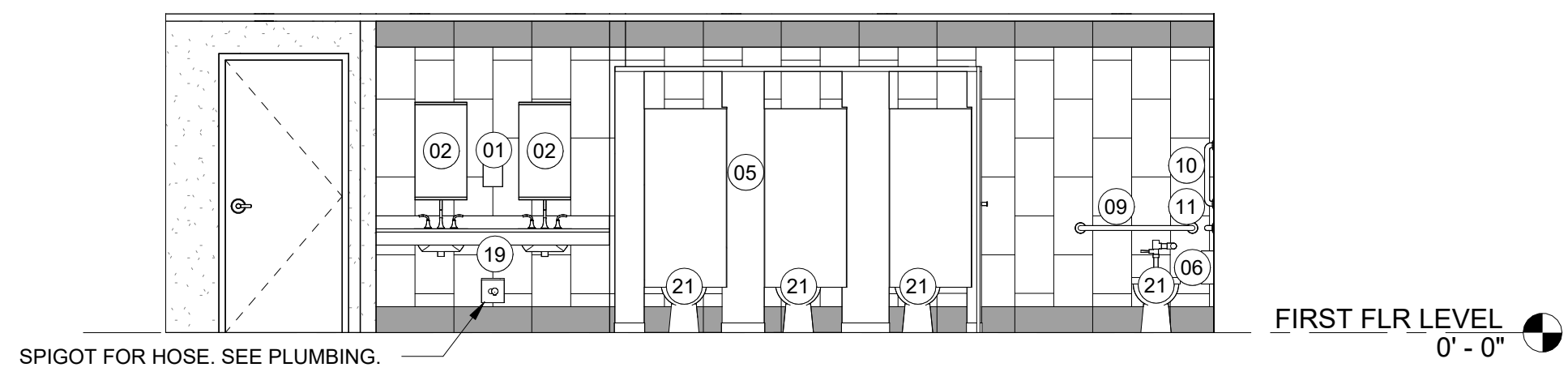
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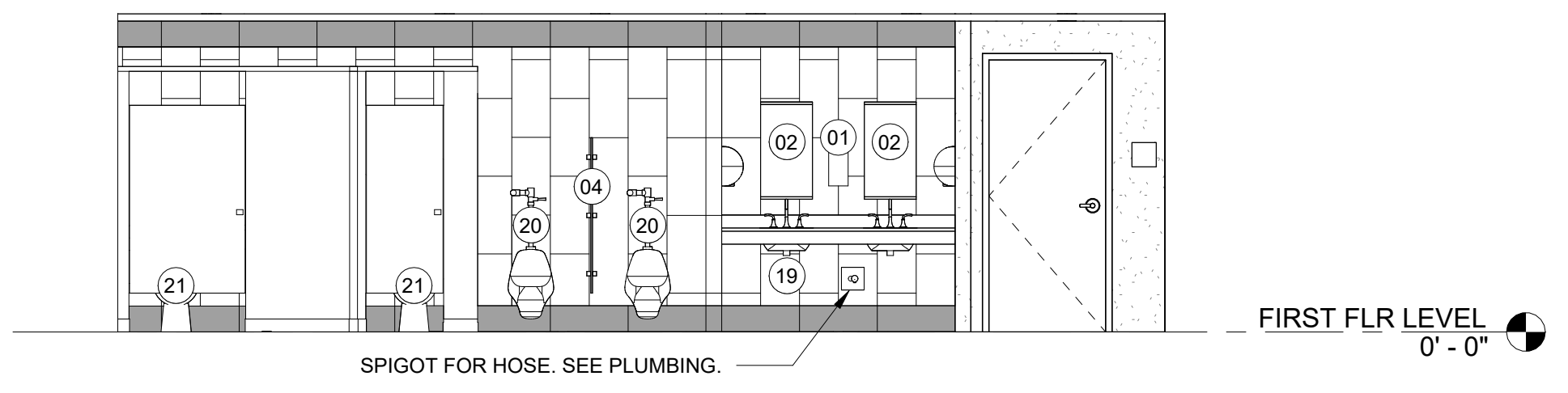
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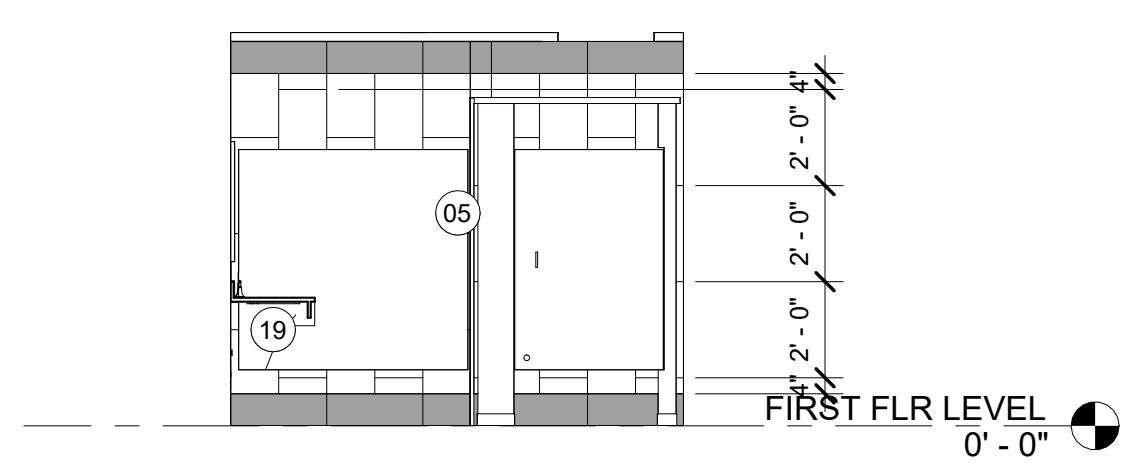
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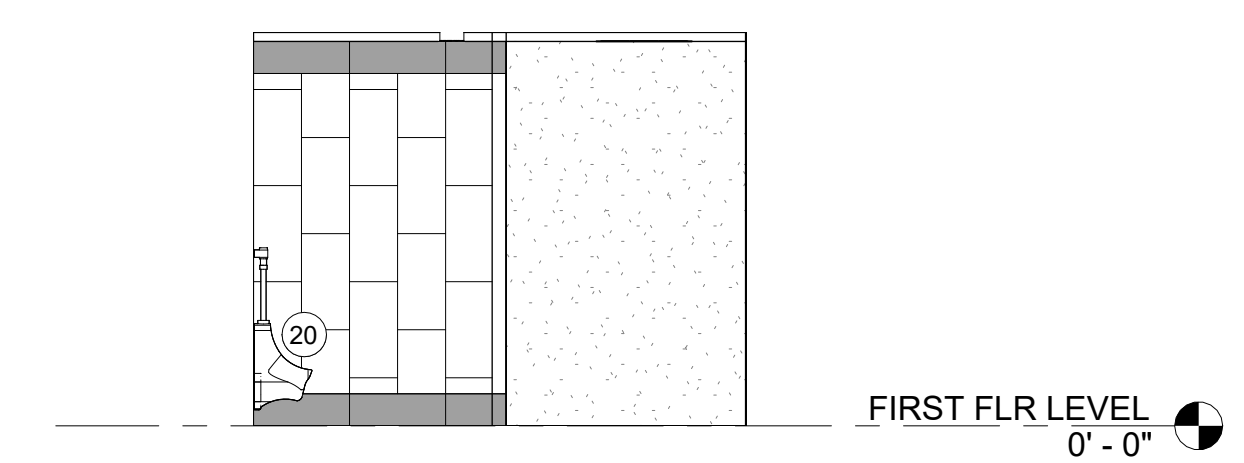
1 WOMEN'S RESTROOM - A157A
A7.01 1/4" = 1'-0"



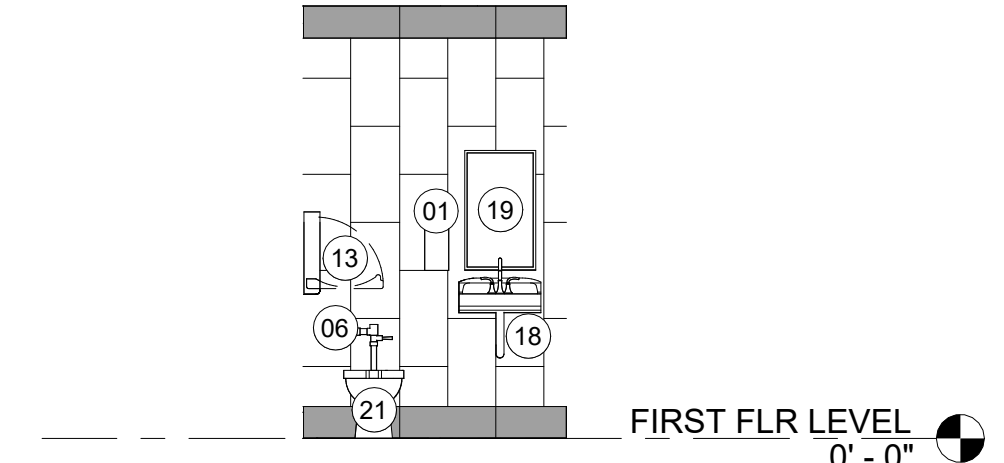
2 MEN'S RESTROOM - A153A
A7.01 1/4" = 1'-0"



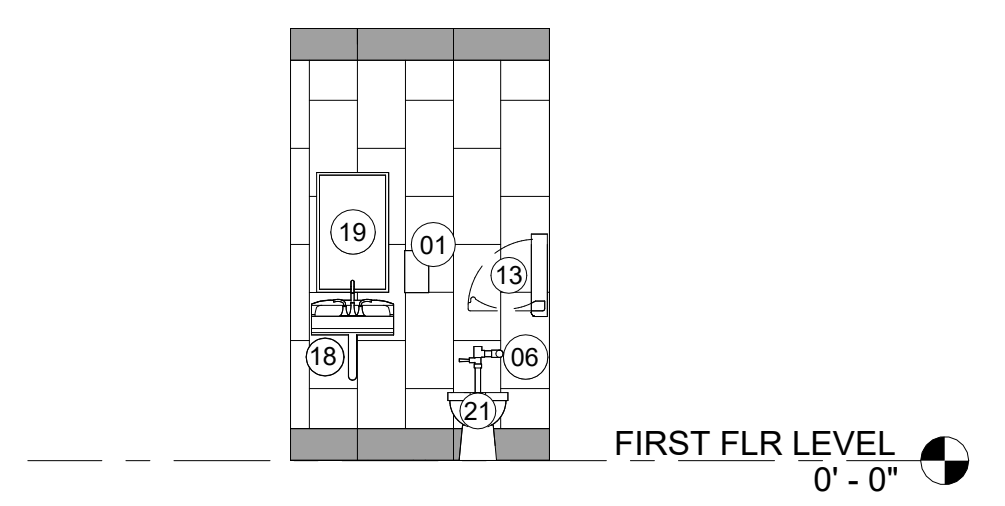
3 WOMEN'S RESTROOM - A157B
A7.01 1/4" = 1'-0"



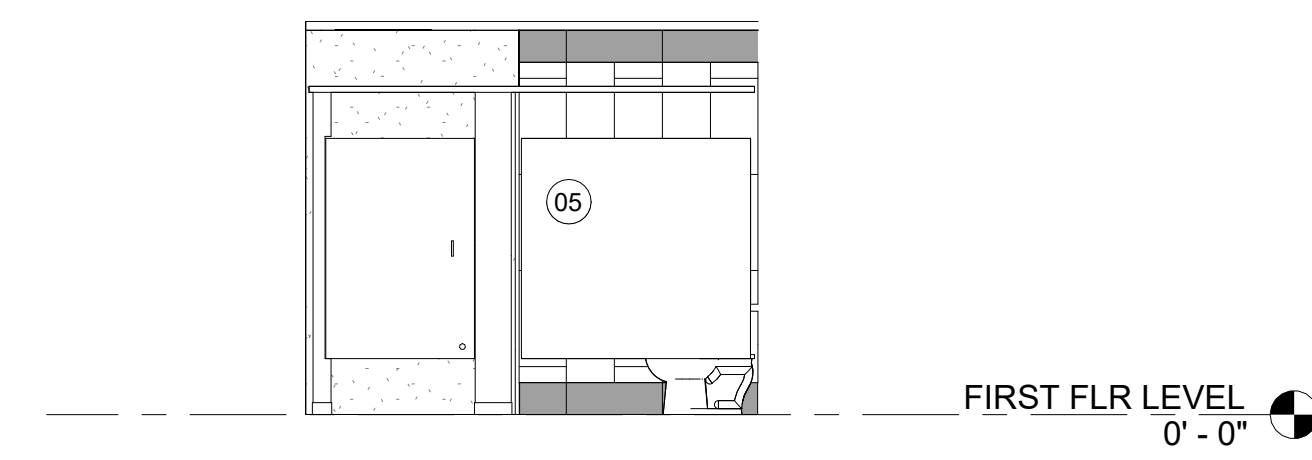
4 MEN'S RESTROOM - A153B
A7.01 1/4" = 1'-0"



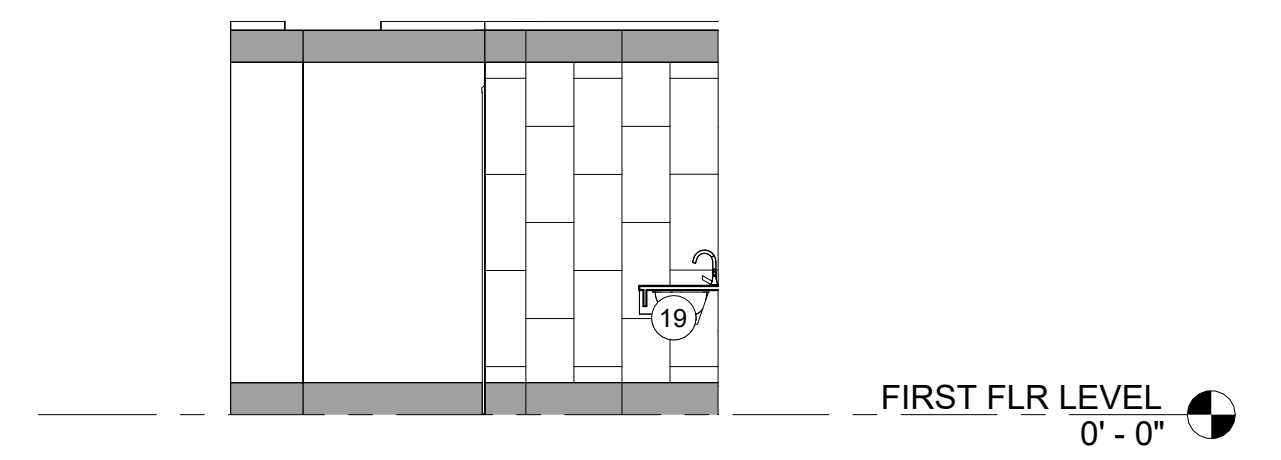
5 WOMEN'S RESTROOM - A171
A7.01 1/4" = 1'-0"



6 MEN'S RESTROOM - A172
A7.01 1/4" = 1'-0"



7 WOMEN'S RESTROOM - A157D
A7.01 1/4" = 1'-0"



8 MEN'S RESTROOM - A153D
A7.01 1/4" = 1'-0"

RESTROOM ACCESSORIES	
01	SOAP DISPENSER
02	18" x 30" MIRROR AT SINGLE SINKS, 18" x 30" MIRRORS AT DOUBLE SINKS
03	ELECTRIC HAND DRYER 4" DEPTH
04	URINAL SCREEN
05	TOILET PARTITION
06	TOILET PAPER DISPENSER
07	ROBE HOOK
08	PAPER TOWEL DISPENSER
09	36" GRAB BAR
10	18" VERT. GRAB BAR- ANSI ONLY
11	42" GRAB BAR
12	18" GRAB BAR
13	BABY CHANGING STATION
14	SANITARY NAPKIN RECEPTACLE
15	MOP RACK W/ SHELF
16	ADA SHOWER SEAT
17	SHOWER CURTAIN
18	ADA LAVATORY SHIELD & PIPE INSULATION
PLUMBING FIXTURES	
19	WALL MOUNTED SINK - ADA COMPLIANT - LAVATORY SHIELD AND PIPE GUARD
20	WALL MOUNTED URINAL - ADA COMPLIANT
21	WALL MOUNTED TOILET - ADA COMPLIANT
22	WATER FOUNTAIN - ADA COMPLIANT
23	SHOWER HEAD AND CONTROLS - ADA COMPLIANT
24	FLOOR (MOP) SINK
25	WALL HYDRANT

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE

**INTERIOR
ELEVATIONS AT
RESTROOMS**

PROJECT NO. 21091	DATE 06/21/2024
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A7.01

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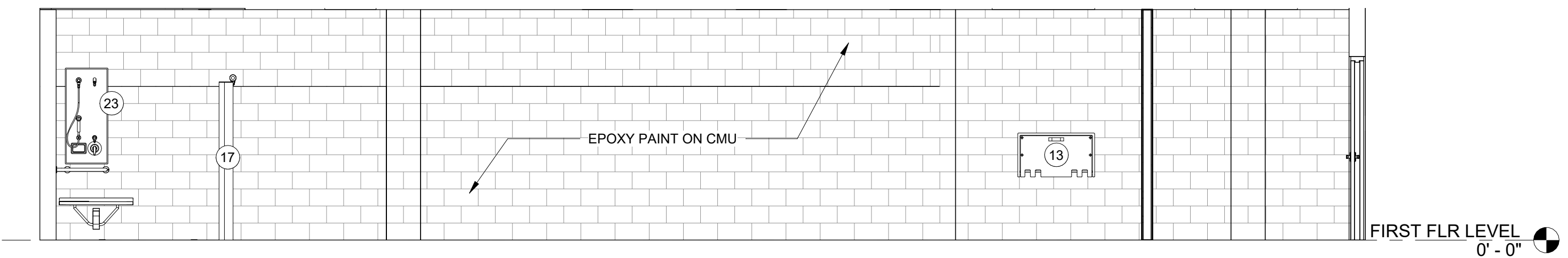
SHEET TITLE

**INTERIOR
ELEVATIONS AT
LOCKER ROOMS/
FAMILY R.R.**

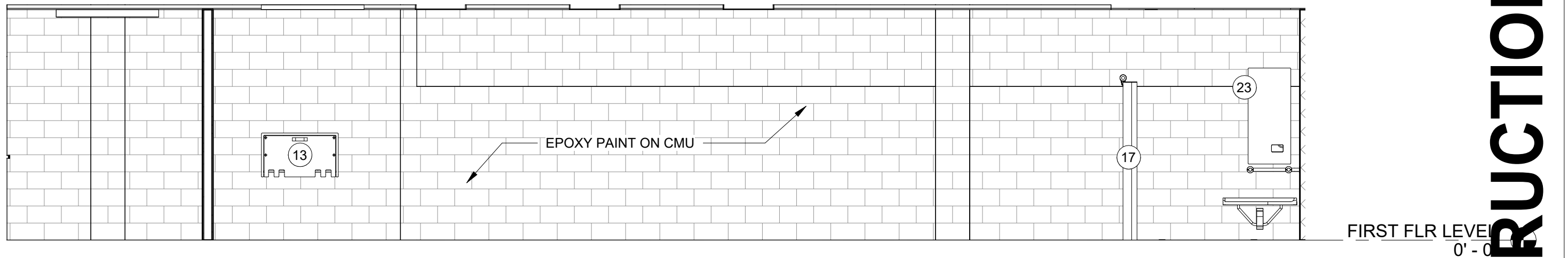
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 1/4" = 1'-0"
CHECKED BY NR	SHEET NO.

A7.02

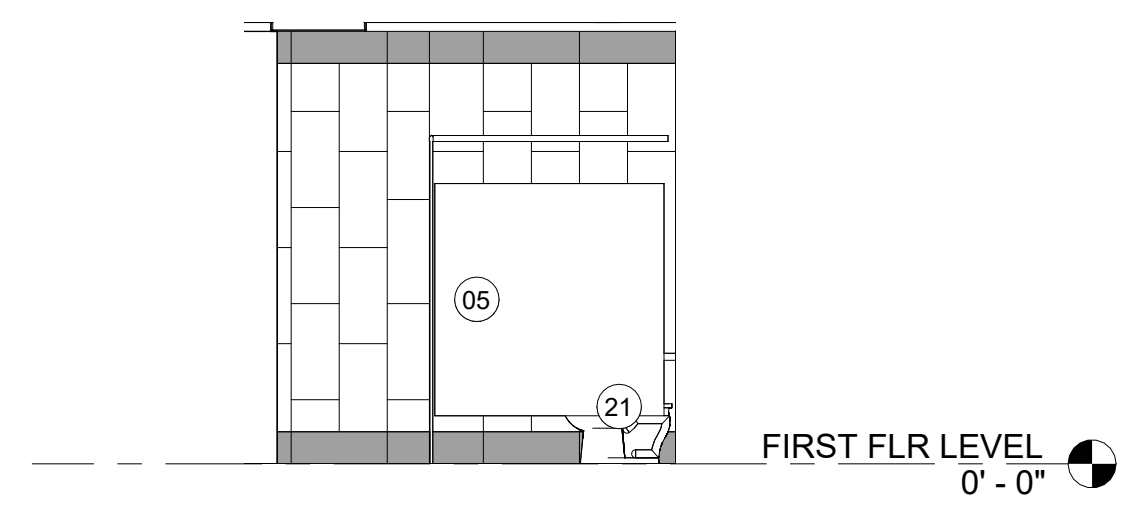
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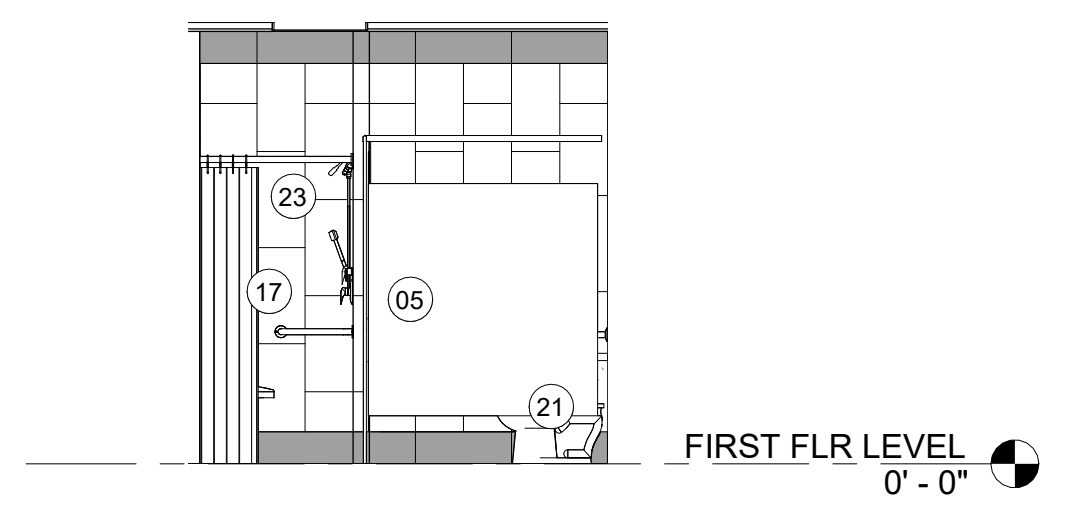
1 WOMEN'S LOCKER ROOM - A143A
A7.02 1/4" = 1'-0"



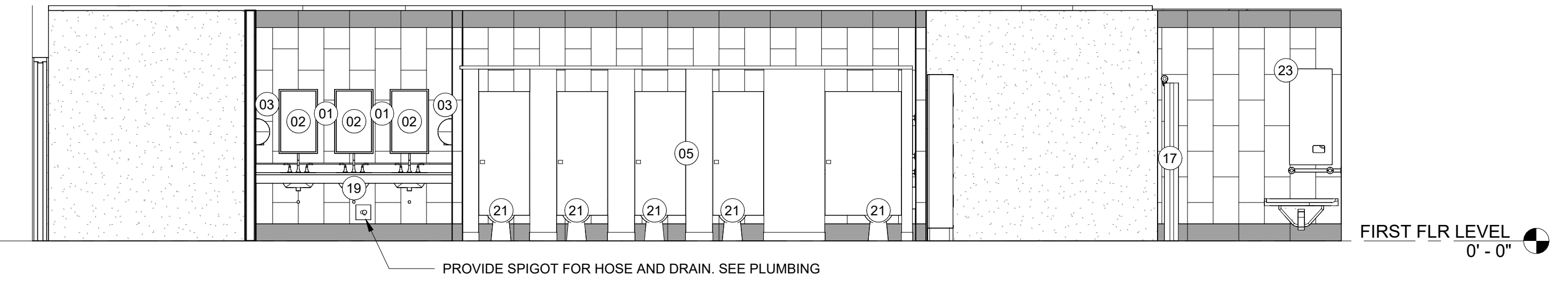
2 MEN'S LOCKER ROOM - A142A
A7.02 1/4" = 1'-0"



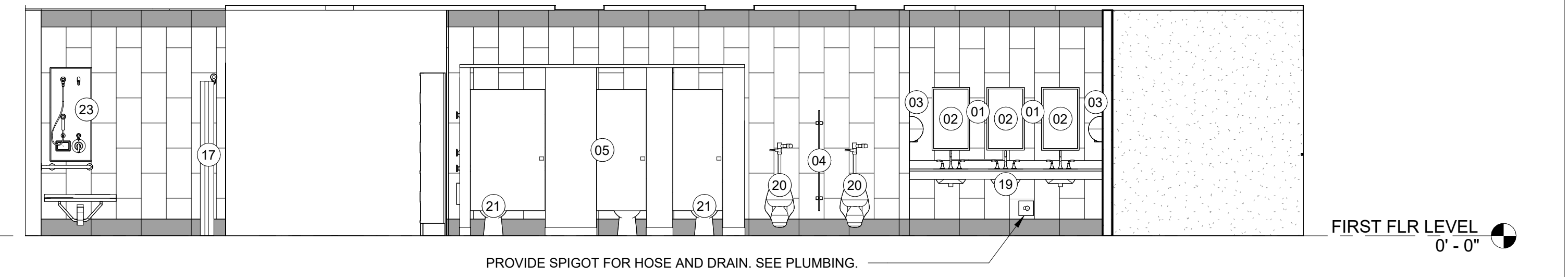
3 WOMEN'S LOCKER ROOM - A143B
A7.02 1/4" = 1'-0"



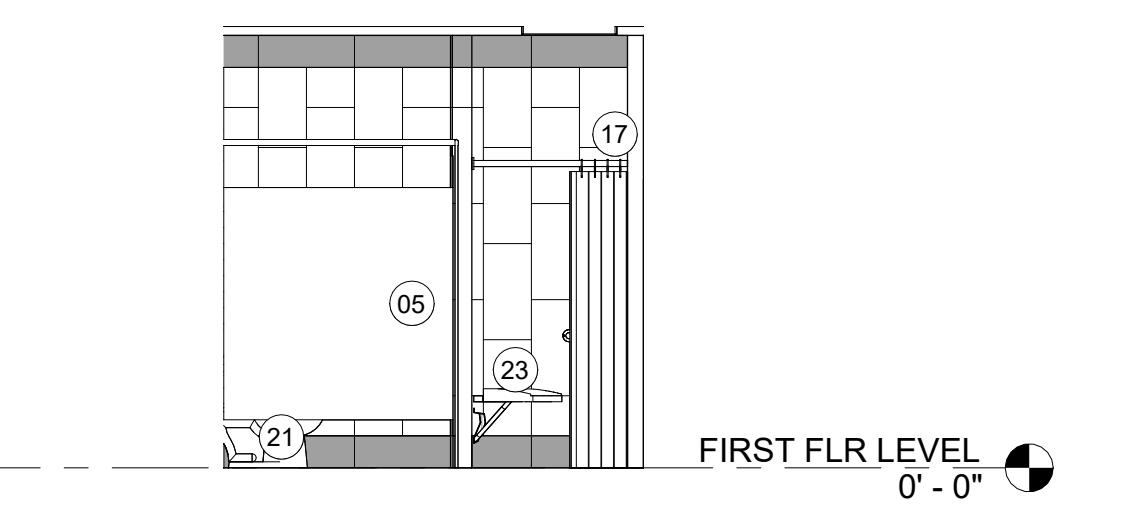
4 MEN'S LOCKER ROOM - A142B
A7.02 1/4" = 1'-0"



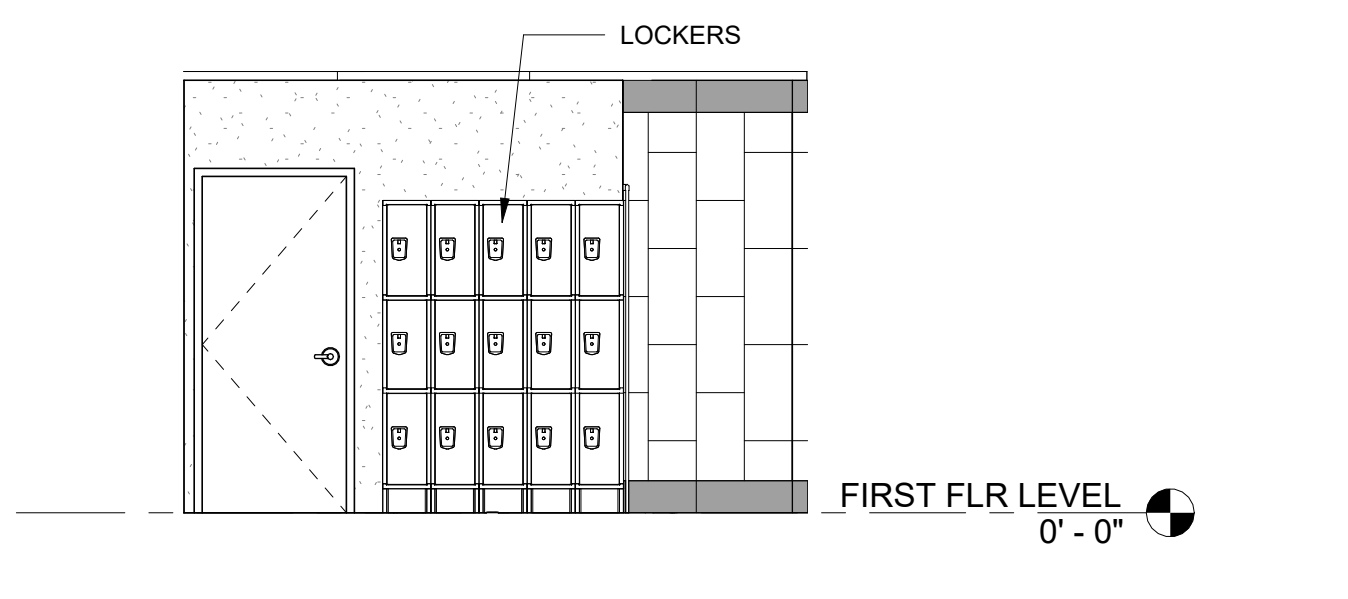
5 WOMEN'S LOCKER ROOM - A143C
A7.02 1/4" = 1'-0"



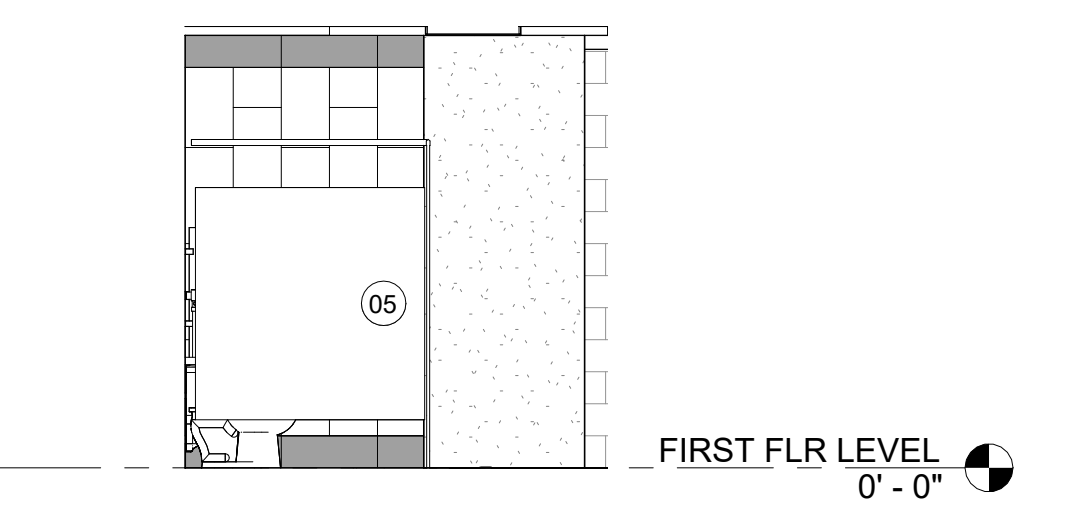
6 MEN'S LOCKER ROOM - A142C
A7.02 1/4" = 1'-0"



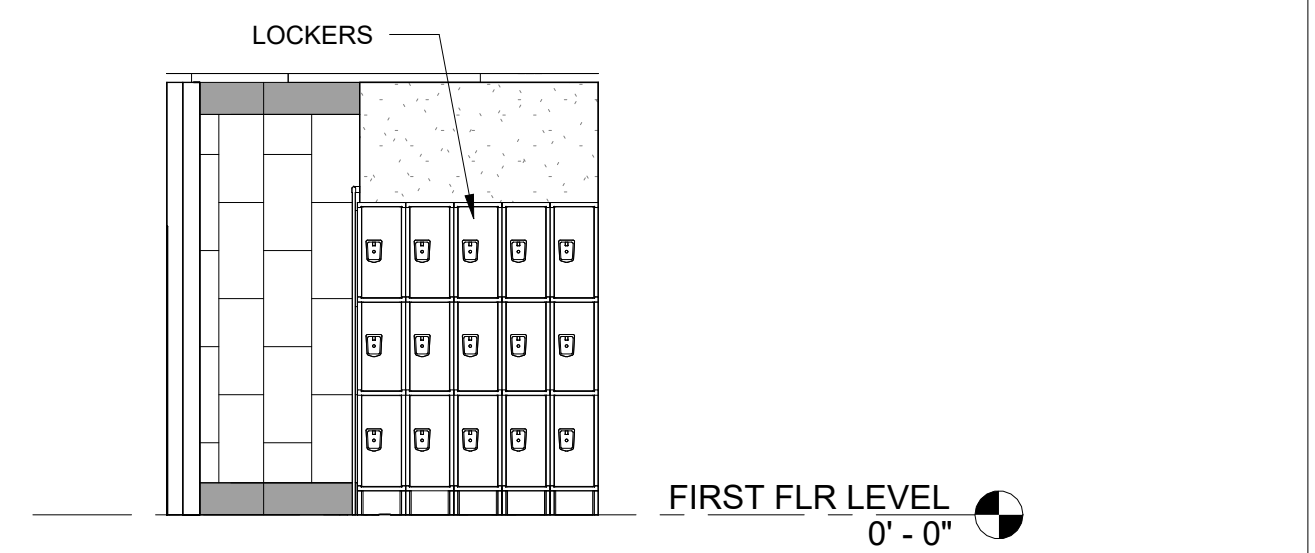
7 WOMEN'S LOCKER ROOM - A143D
A7.02 1/4" = 1'-0"



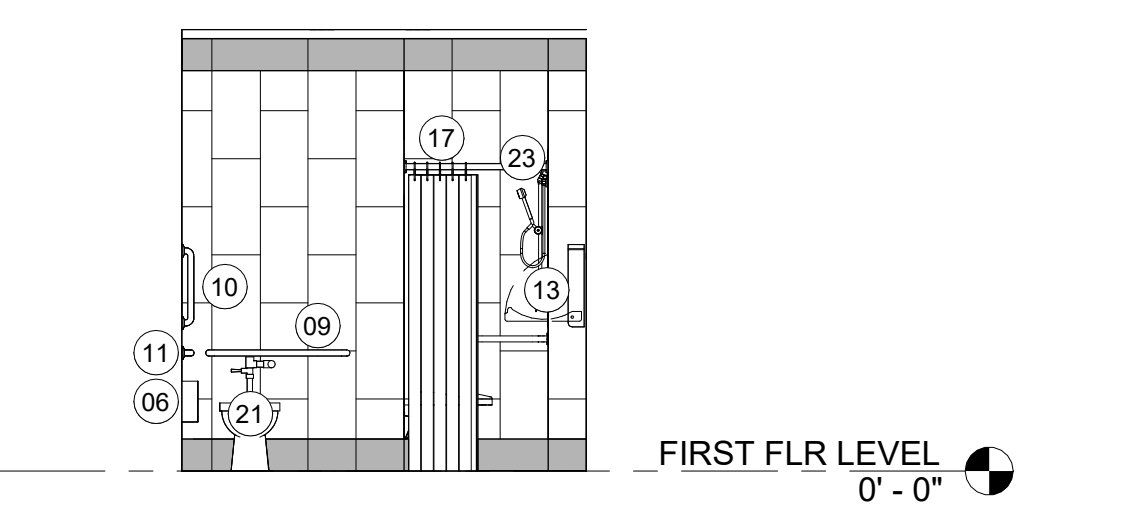
8 WOMEN'S LOCKER ROOM - A143E
A7.02 1/4" = 1'-0"



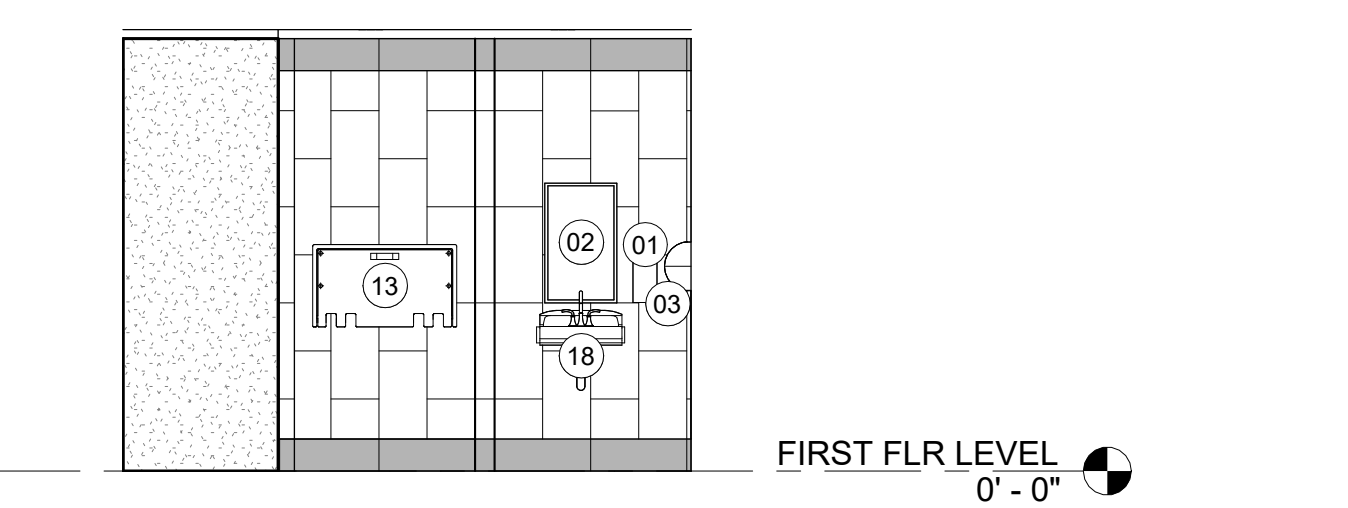
9 MEN'S LOCKER ROOM - A142D
A7.02 1/4" = 1'-0"



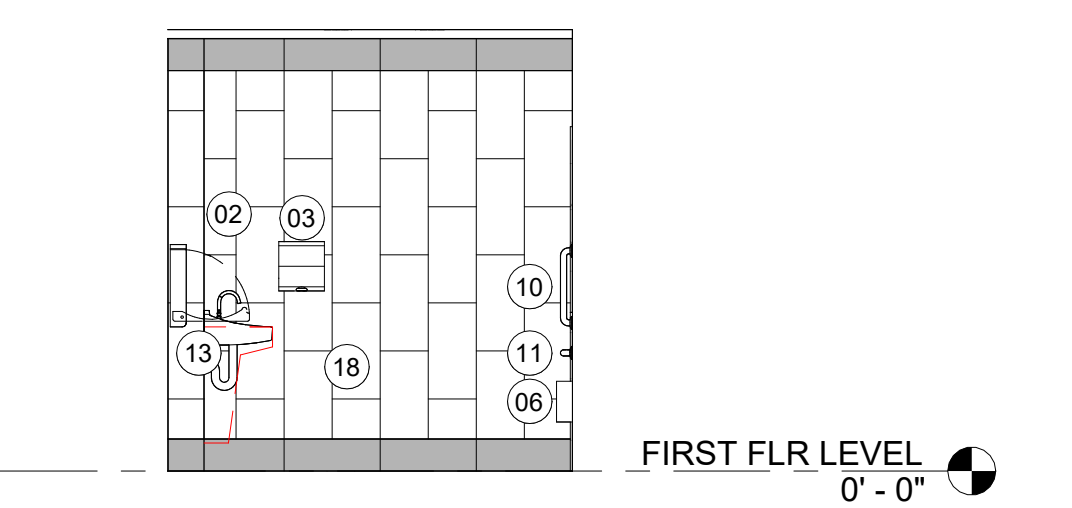
10 MEN'S LOCKER ROOM - A142E
A7.02 1/4" = 1'-0"



11 FAMILY RESTROOM - A141A
A7.02 1/4" = 1'-0"




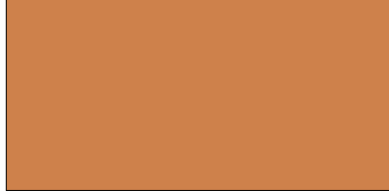


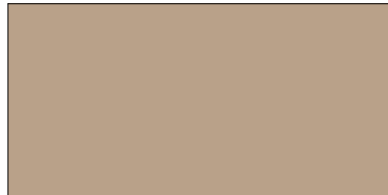
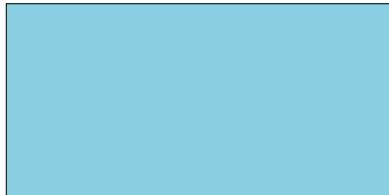

12 FAMILY RESTROOM - A141B
A7.02 1/4" = 1'-0"



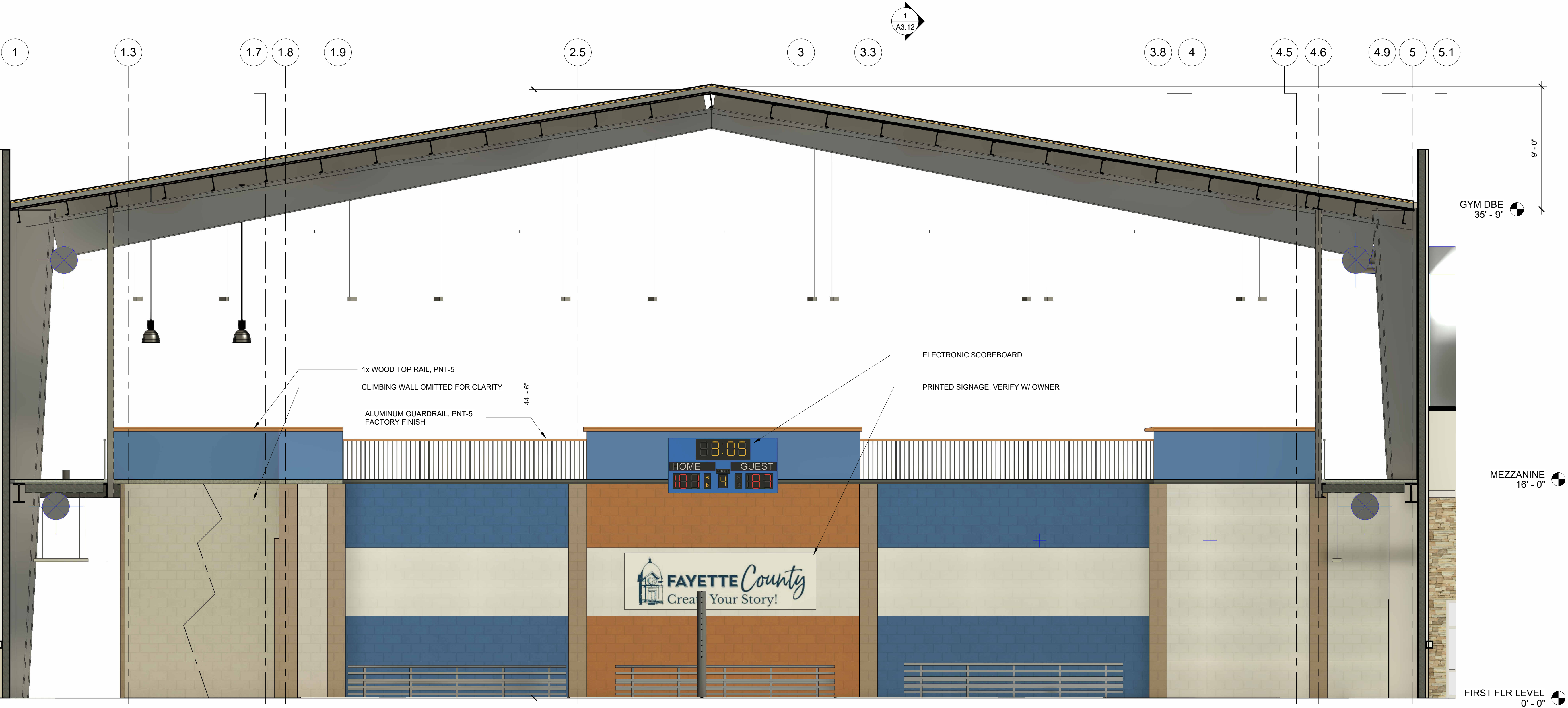
13 FAMILY RESTROOM - A141C
A7.02 1/4" = 1'-0"

RESTROOM ACCESSORIES	
01	SOAP DISPENSER
02	18" x 30" MIRROR AT SINGLE SINKS, 18" x 30" MIRRORS AT DOUBLE SINKS
03	ELECTRIC HAND DRYER 4" DEPTH
04	URINAL SCREEN
05	TOILET PARTITION
06	TOILET PAPER DISPENSER
07	ROBE HOOK
08	PAPER TOWEL DISPENSER
09	36" GRAB BAR
10	18" VERT. GRAB BAR- ANSI ONLY
11	42" GRAB BAR
12	18" GRAB BAR
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14	SANITARY NAPKIN RECEPTACLE
15	MOP RACK W/ SHELF
16	ADA SHOWER SEAT
17	SHOWER CURTAIN
18	ADA LAVATORY SHIELD & PIPE INSULATION

PLUMBING FIXTURES	
19	WALL MOUNTED SINK - ADA COMPLIANT - LAVATORY SHIELD AND PIPE GUARD
20	WALL MOUNTED URINAL - ADA COMPLIANT
21	WALL MOUNTED TOILET - ADA COMPLIANT
22	WATER FOUNTAIN - ADA COMPLIANT
23	SHOWER HEAD AND CONTROLS - ADA COMPLIANT
24	FLOOR (MOP) SINK
25	WALL HYDRANT

	WHITE PAINT: PNT-1		LIGHT RED ORANGE PAINT: PNT-5
	OFF WHITE PAINT: PNT-2		ACCENT BLUE PAINT: PNT-6
	MOCHA PAINT: PNT-3		CYAN ACCENT PAINT: PNT-7
	BLACK PAINT: PNT-4		

NOTE: CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PAINT COLORS, FLOOR FINISHES, WALL TILE, OR OTHER INTERIOR FINISHES TO ARCHITECT AND OWNER FOR APPROVAL PRIOR TO ORDERING OR INSTALLING COLOR AND FINISH SELECTIONS.



2 INTERIOR ELEVATION AT GYM 02
A7.03 1/4" = 1'-0"

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NO	DATE	DESCRIPTION

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SHEET TITLE
INTERIOR ELEVATIONS AT GYM 02

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE As indicated
CHECKED BY NR	
SHEET NO.	

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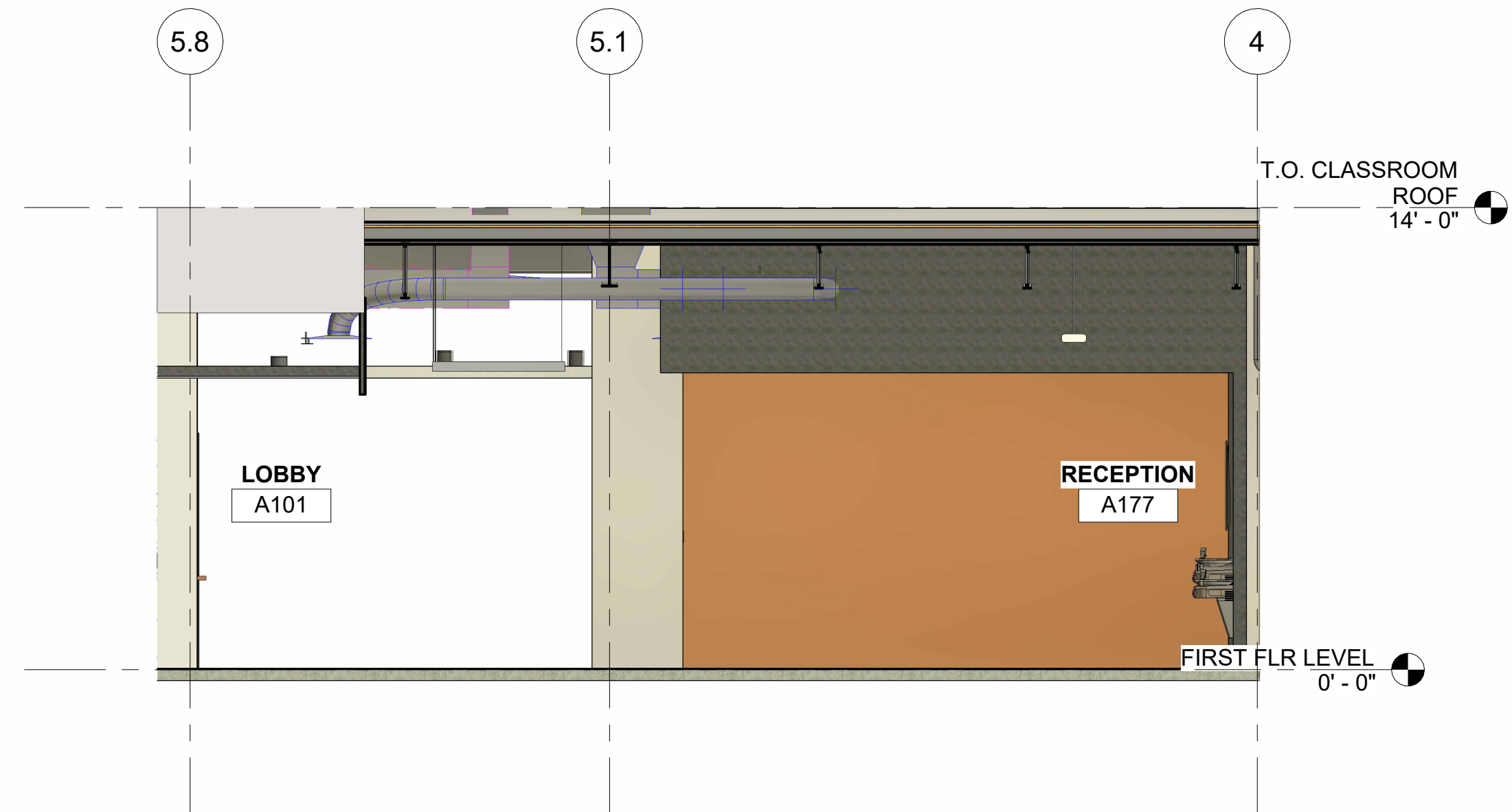
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SHEET TITLE

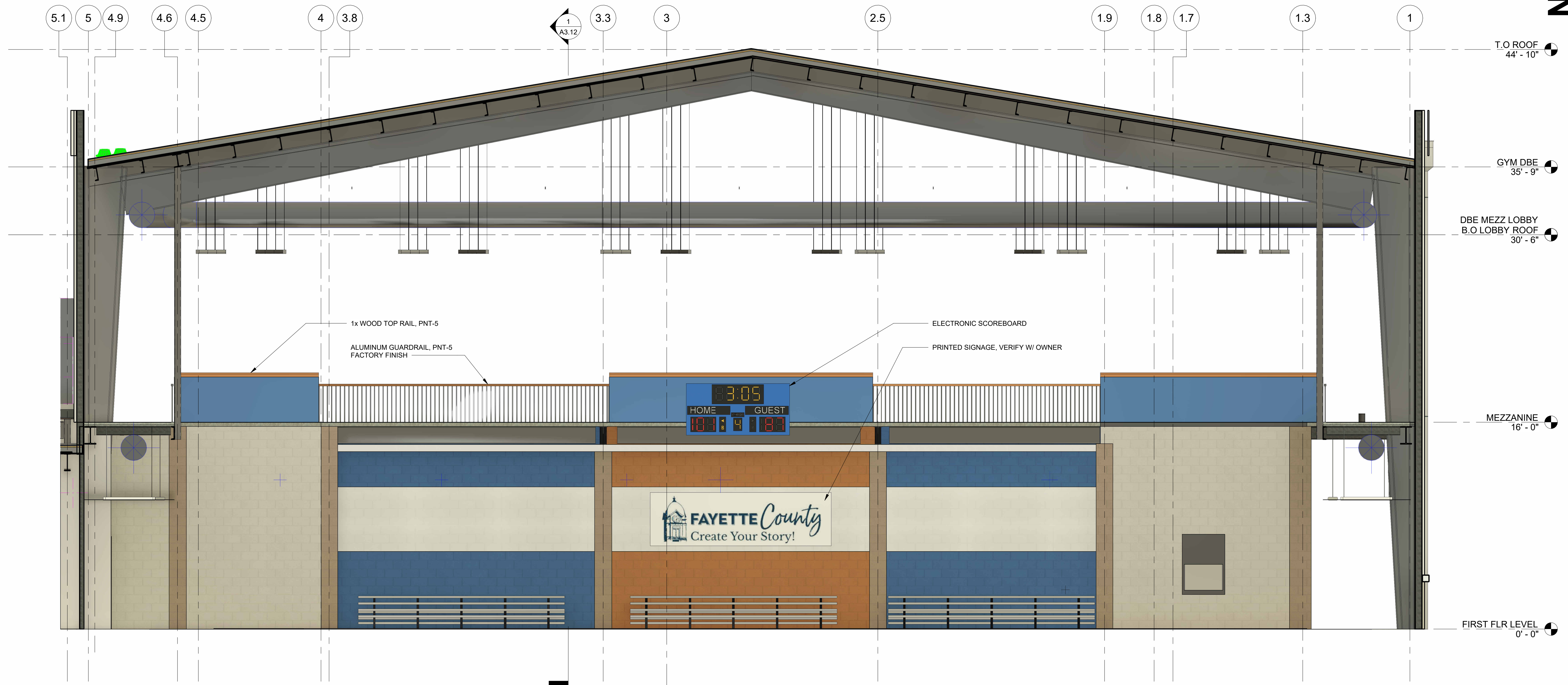
INTERIOR ELEVATIONS AT GYM 01

PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE 1/4" = 1'-0"
CHECKED BY NR
SHEET NO.

A7.04



1 LOUNGE INTERIOR ELEVATION
A7.04 1/4" = 1'-0"



2 INTERIOR ELEVATION AT GYM 01
A7.04 1/4" = 1'-0"

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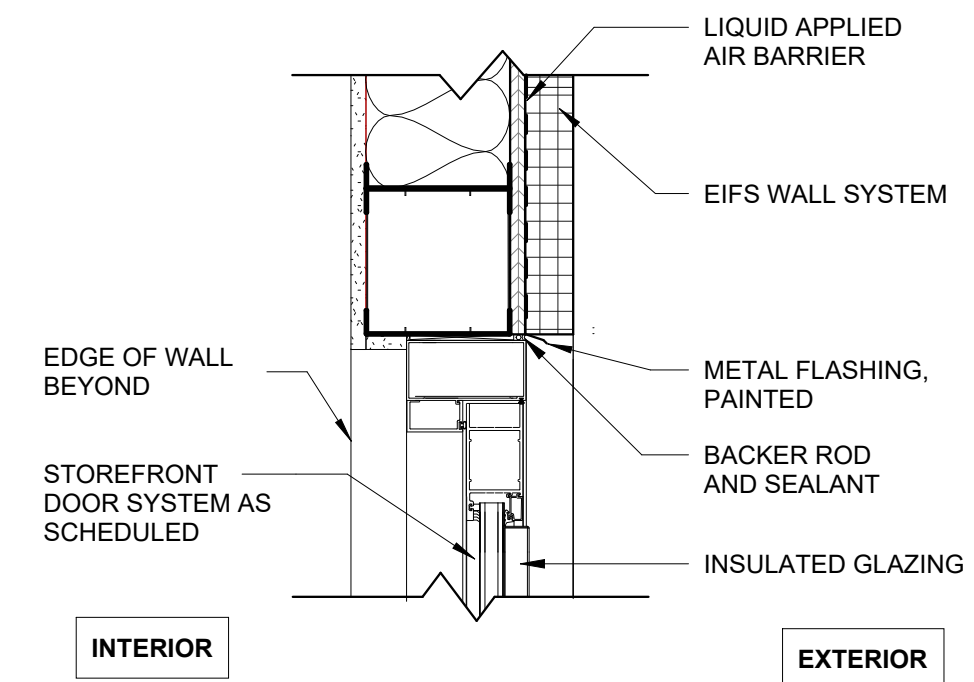
SHEET TITLE

DOOR DETAILS

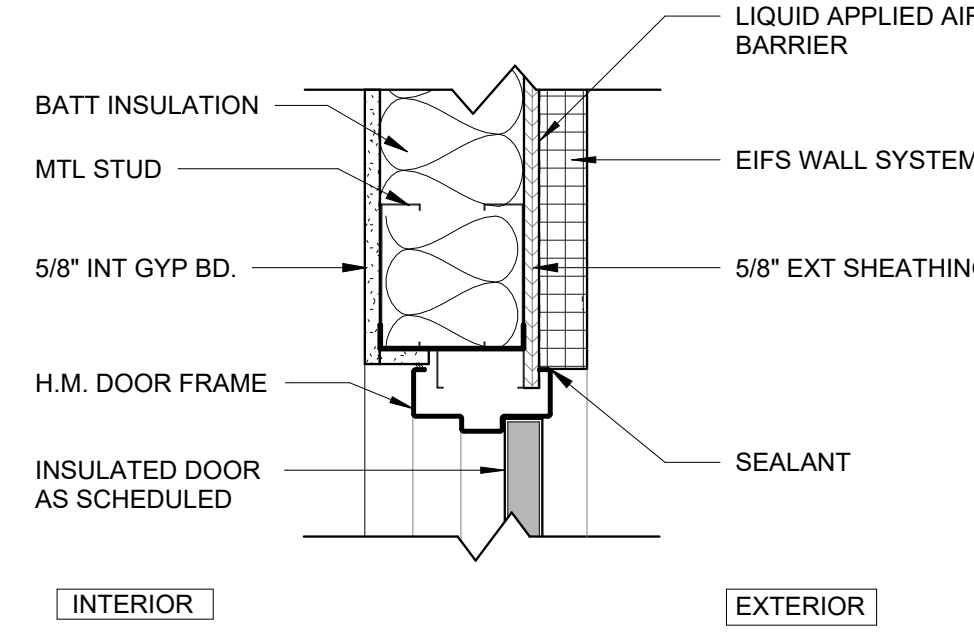
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 1 1/2" = 1'-0"
CHECKED BY NR	
SHEET NO.	

A8.02

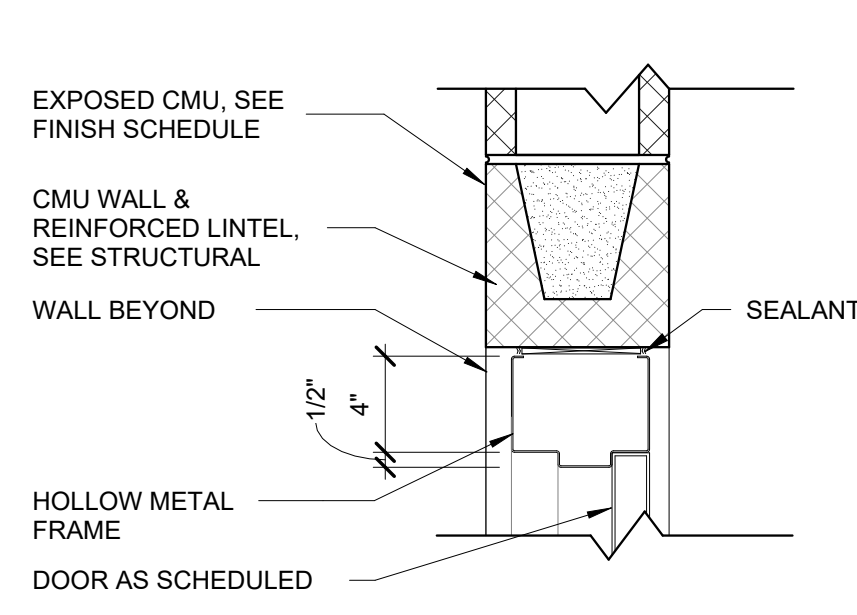
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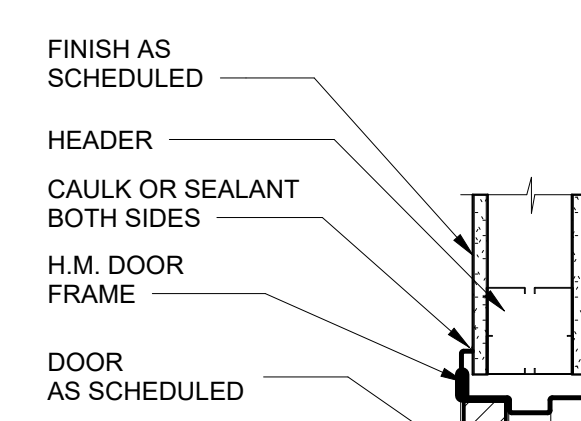
1 GLASS DOOR HEAD DETAIL
A8.02 1 1/2" = 1'-0"



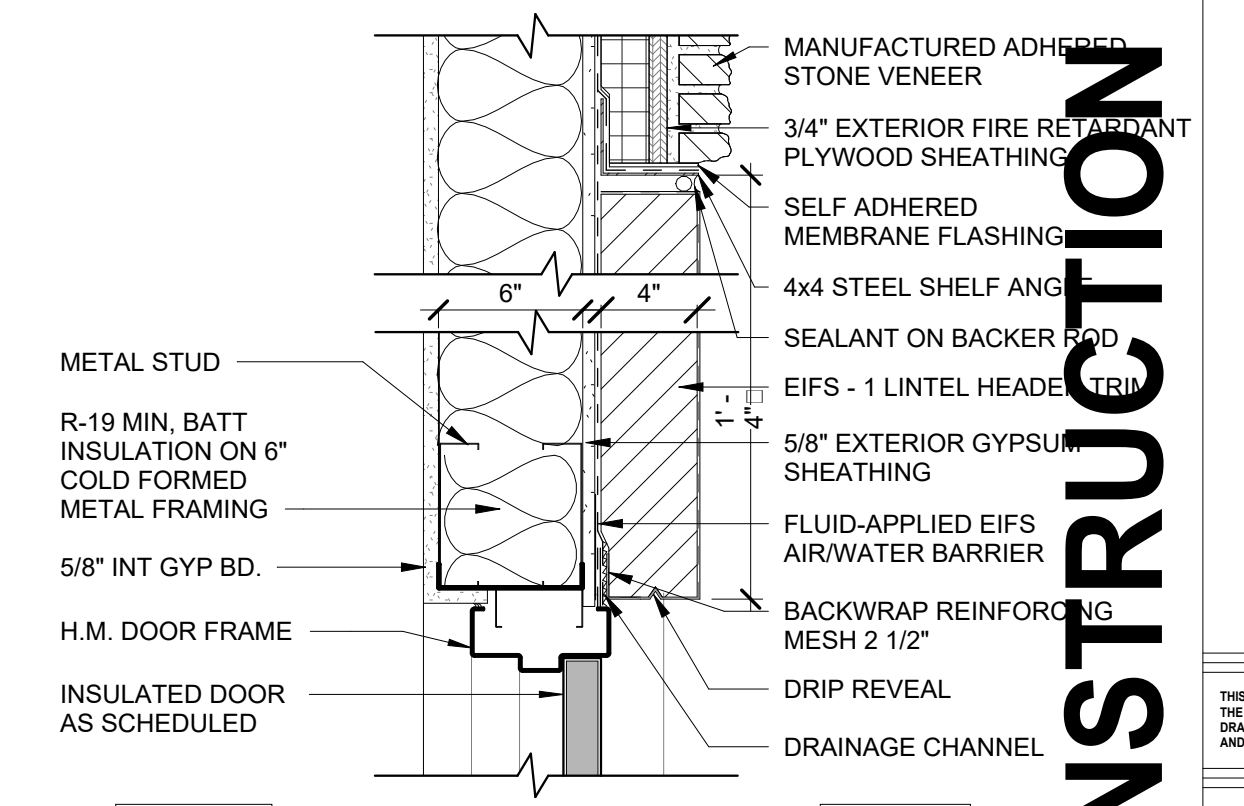
2 EXTERIOR METAL DOOR HEAD
A8.02 1 1/2" = 1'-0"



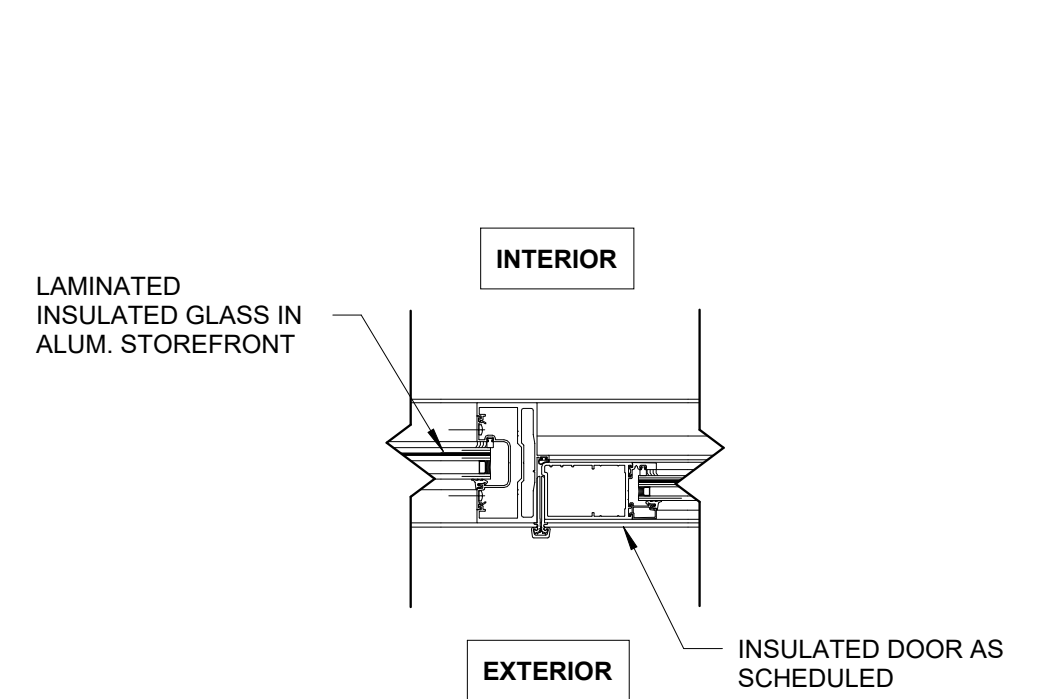
3 INTERIOR METAL DOOR HEAD @ CMU
A8.02 1 1/2" = 1'-0"



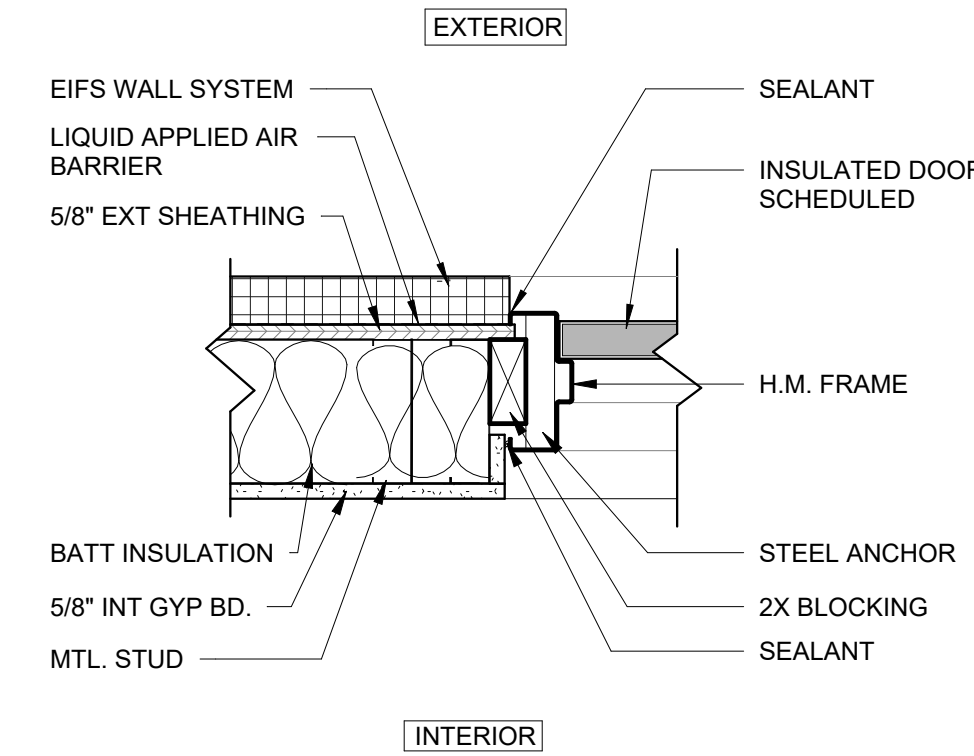
4 INTERIOR H.M. HEAD AT MTL STUD
A8.02 1 1/2" = 1'-0"



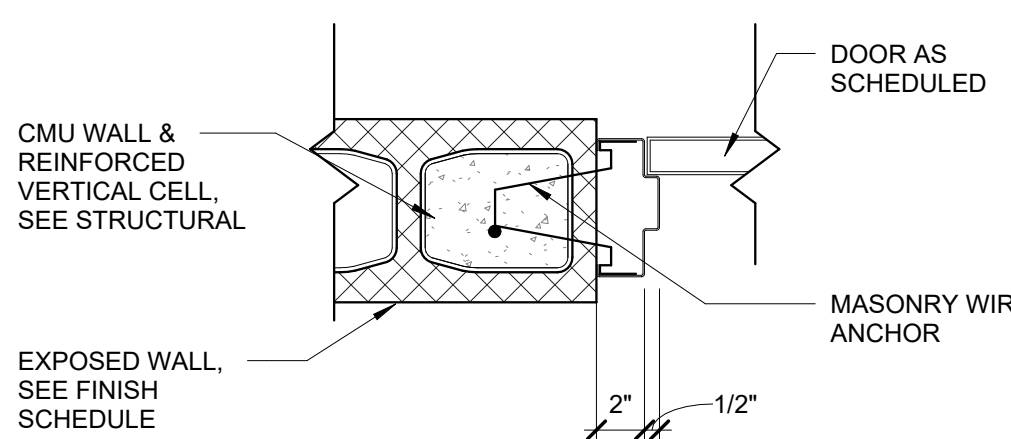
5 EXTERIOR H.M. HEAD AT STONE VENEER
A8.02 1 1/2" = 1'-0"



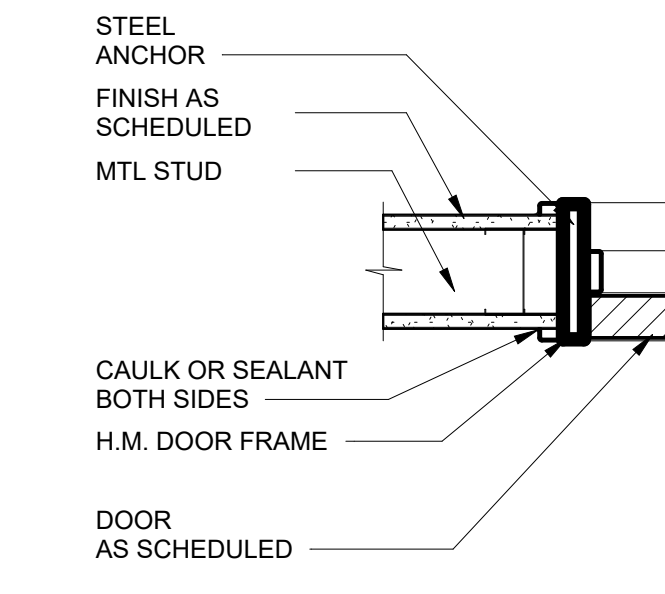
6 GLASS DOOR JAMB DETAIL
A8.02 1 1/2" = 1'-0"



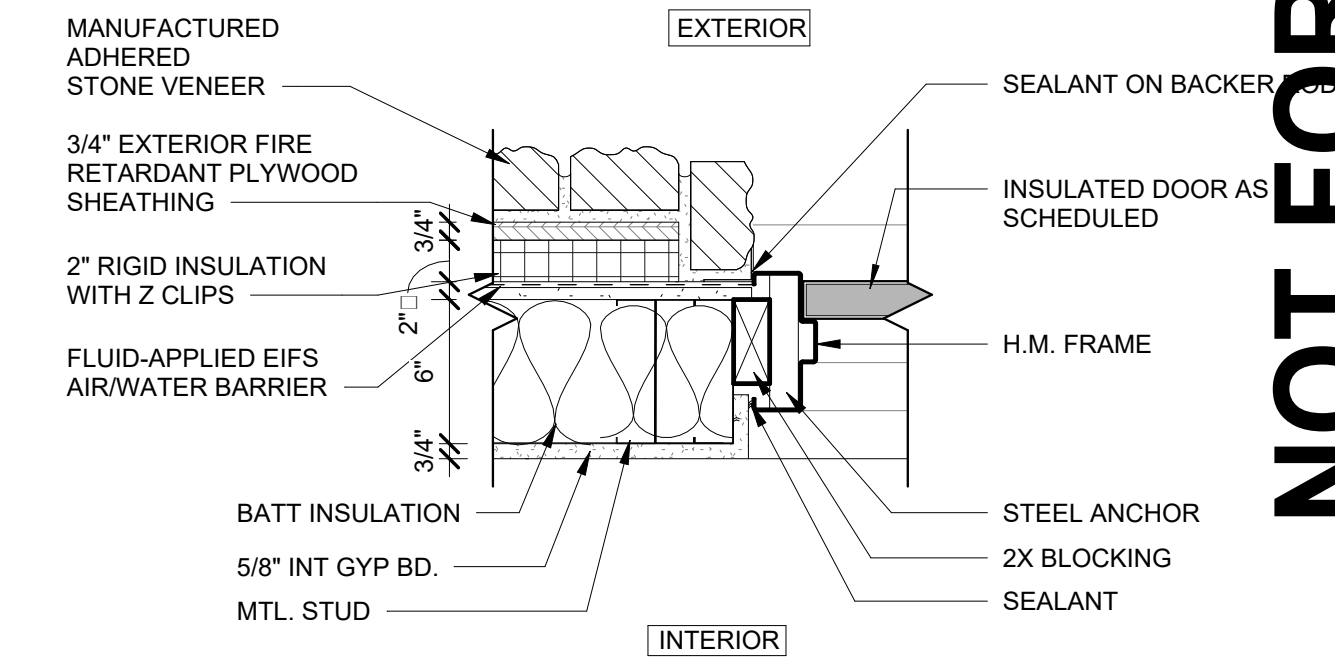
7 EXTERIOR METAL DOOR JAMB
A8.02 1 1/2" = 1'-0"



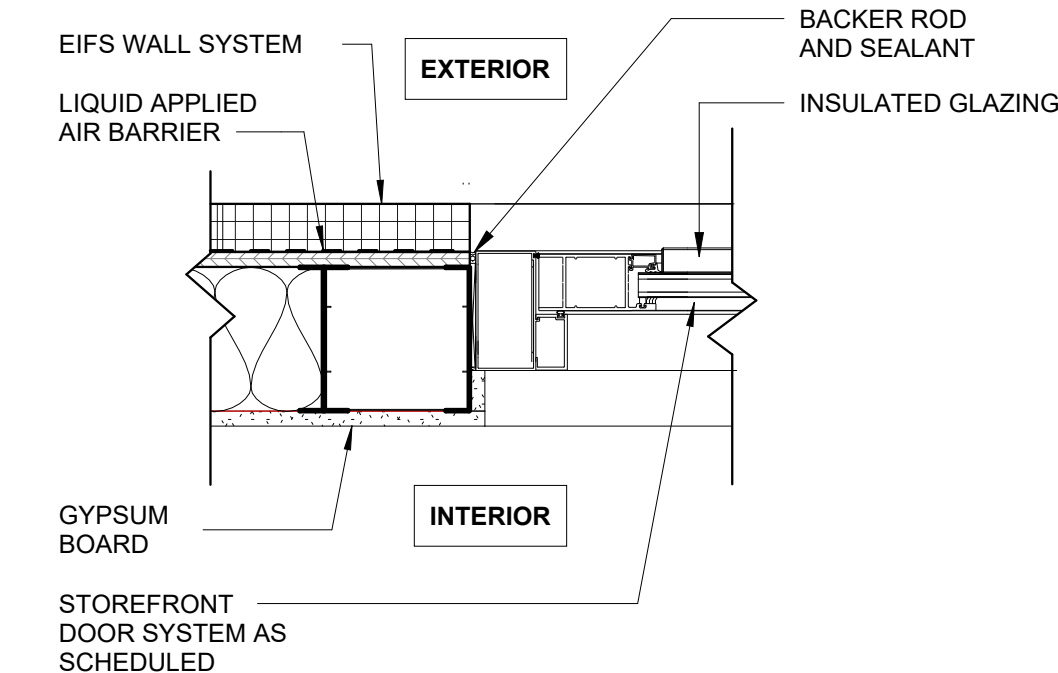
8 INTERIOR METAL DOOR JAMB
A8.02 1 1/2" = 1'-0"



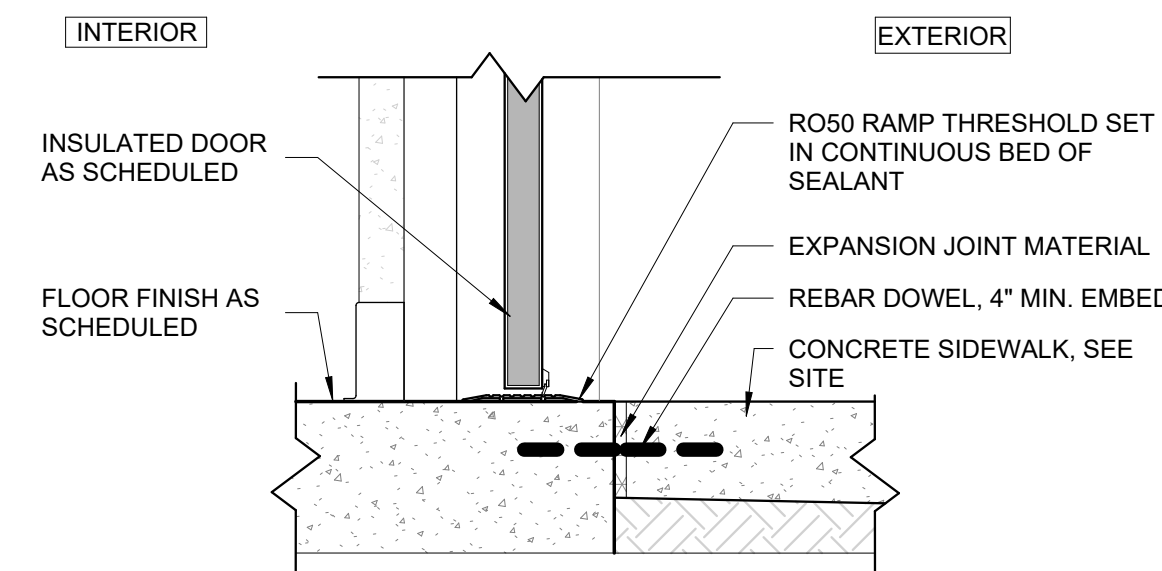
9 INTERIOR H.M. JAMB AT MTL STUD
A8.02 1 1/2" = 1'-0"



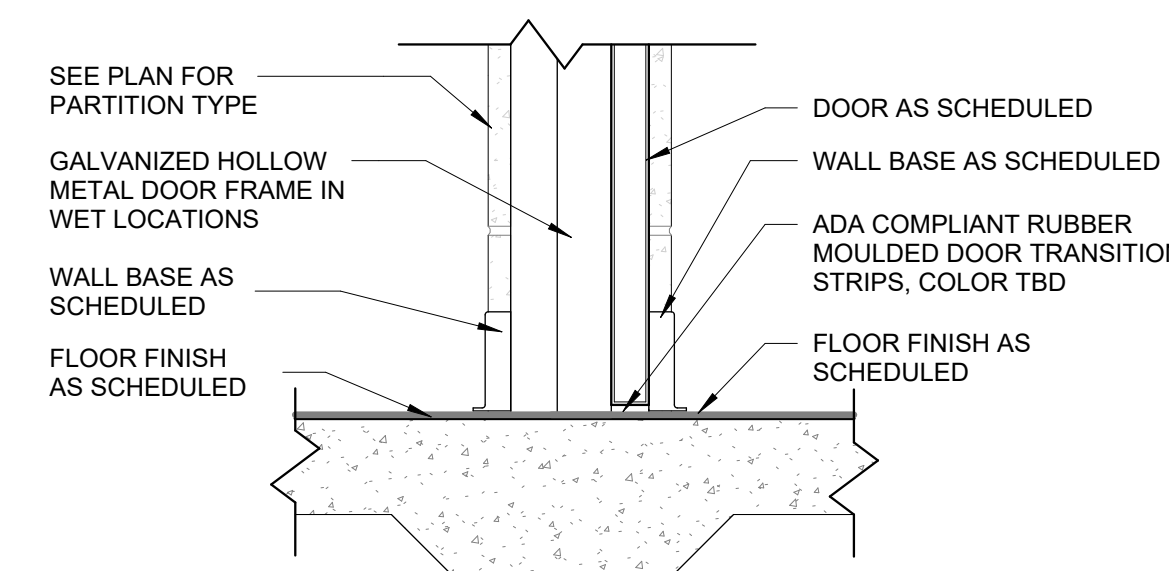
10 EXTERIOR H.M. JAMB AT STONE VENEER
A8.02 1 1/2" = 1'-0"



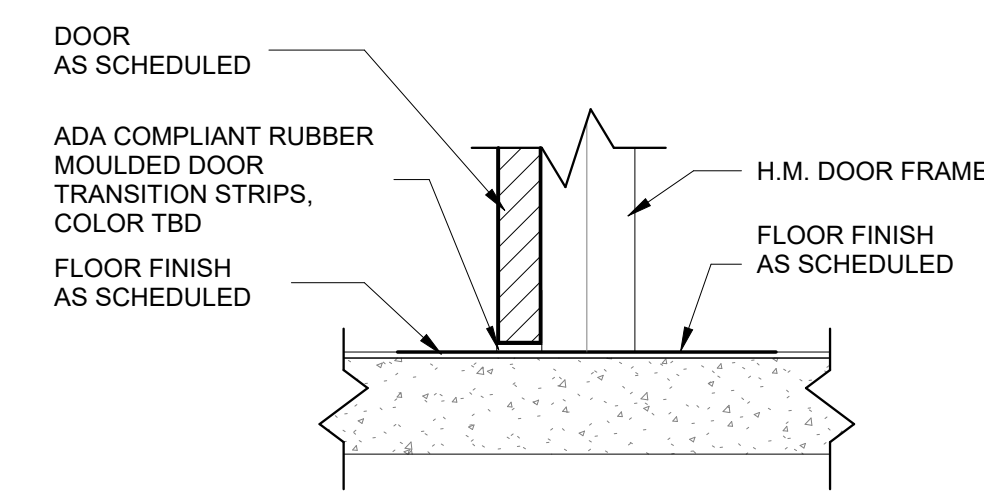
11 GLASS DOOR SIDE LIGHT AT STUD
A8.02 1 1/2" = 1'-0"



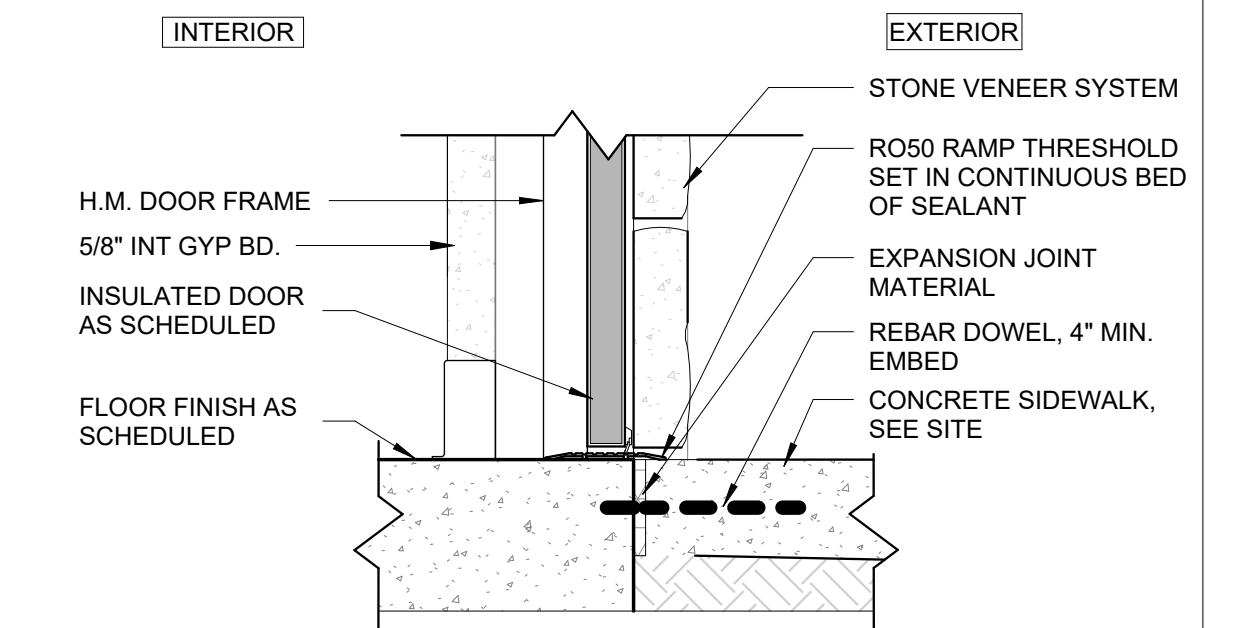
12 EXTERIOR INSULATED DOOR SILL
A8.02 1 1/2" = 1'-0"



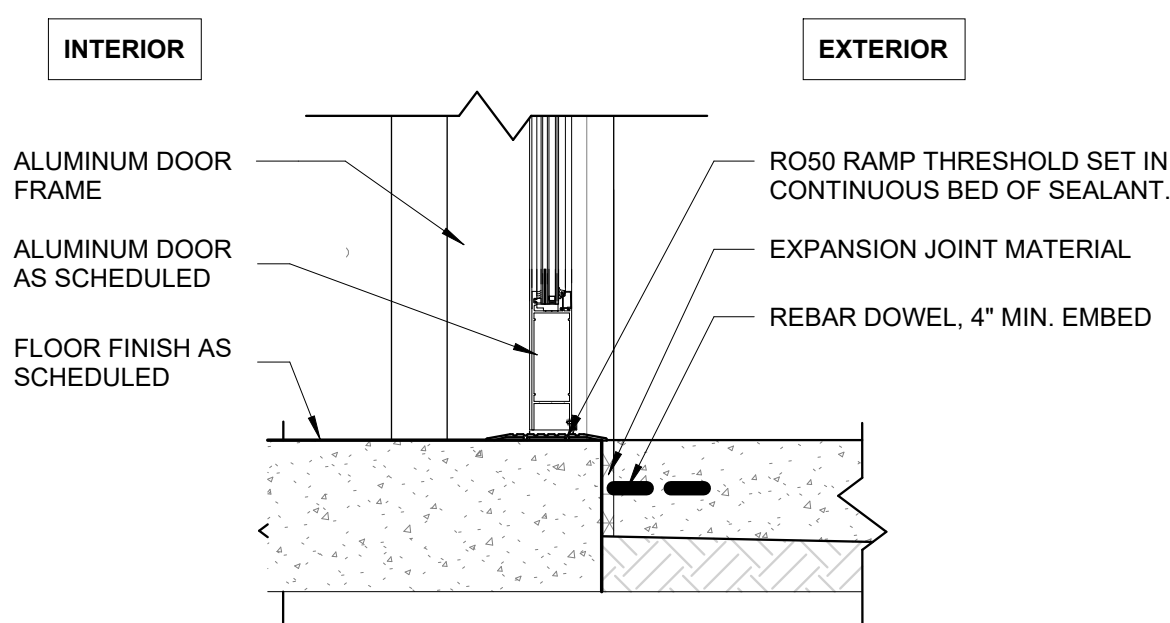
13 INTERIOR METAL DOOR SILL
A8.02 1 1/2" = 1'-0"



14 INTERIOR H.M. SILL AT MTL STUD
A8.02 1 1/2" = 1'-0"



15 EXTERIOR H.M. SILL AT STONE VENEER
A8.02 1 1/2" = 1'-0"

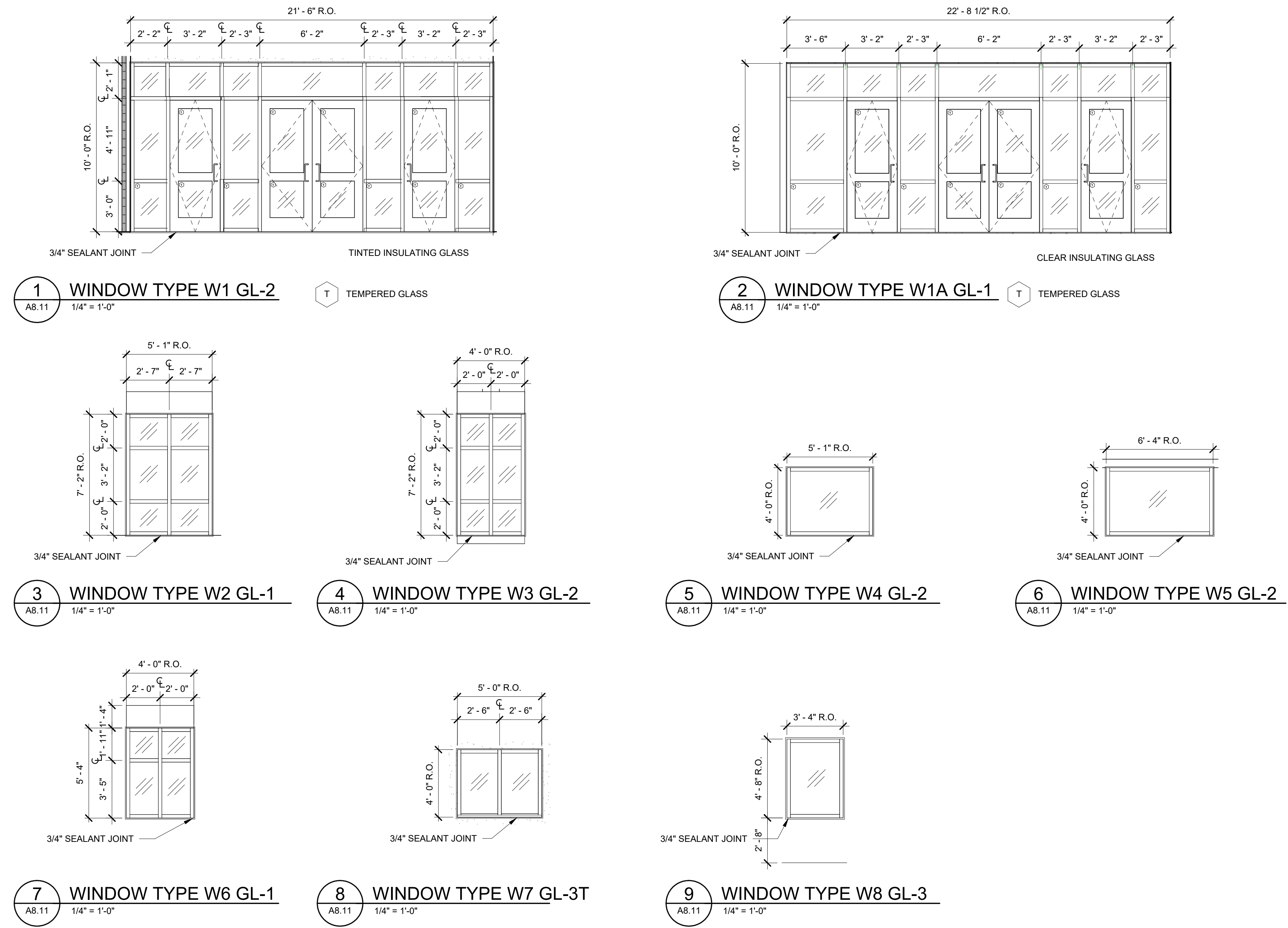


16 GLASS DOOR SILL DETAIL
A8.02 1 1/2" = 1'-0"

GLAZING SCHEDULE

ROOM MARK	ROOM NAME	TYPE	HEIGHT	LENGTH	SILL HEIGHT	DETAIL			REMARKS
						HEAD	JAMB	SILL	
A100	VESTIBULE	W1	10'-0"	21'-5 7/8"	0'-0"	2/A8.14	1/A8.16	4/A8.12	
A101	LOBBY	W1A	10'-0"	23'-1 3/8"	0'-0"	2/A8.14	2/A8.16	4/A8.12	
A102	CORRIDOR	W2	7'-2"	5'-1"	0'-0"	2/A8.15	1/A8.15	4/A8.12	
A120B	COMMUNITY ROOM	W3	7'-2"	4'-0"	2'-2"	2/A8.13	1/A8.15	4/A8.15	
A120C	COMMUNITY ROOM	W4	4'-0"	5'-1"	10'-8"	2/A8.14	1/A8.14	4/A8.14	
A120D	COMMUNITY ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.14	4/A8.14	
A120E	COMMUNITY ROOM	W4	4'-0"	5'-1"	10'-8"	2/A8.14	1/A8.14	4/A8.14	
A120F	COMMUNITY ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.14	4/A8.14	
A120G	COMMUNITY ROOM	W4	4'-0"	5'-1"	10'-8"	2/A8.14	1/A8.14	4/A8.14	
A120H	COMMUNITY ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.14	4/A8.14	
A120I	COMMUNITY ROOM	W3	7'-2"	4'-0"	2'-2"	2/A8.13	1/A8.15	4/A8.15	
A120J	COMMUNITY ROOM	W5	4'-0"	6'-4"	10'-8"	2/A8.14	1/A8.14	3/A8.14	
A120K	COMMUNITY ROOM	W5	4'-0"	6'-4"	10'-8"	2/A8.14	1/A8.14	3/A8.14	
A121A	MEETING ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A121B	MEETING ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A121C	MEETING ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A122A	WARMING KITCHEN	W7	4'-0"	5'-0"	2'-8 1/2"	5/A8.12	6/A8.12		
A122B	WARMING KITCHEN	W7	4'-0"	5'-0"	2'-8 1/2"	5/A8.12	6/A8.12		
A133A	CLASSROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A133B	CLASSROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A133C	CLASSROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A135A	ARTS & CRAFTS ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A135B	ARTS & CRAFTS ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A135C	ARTS & CRAFTS ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	4/A8.13	
A140A	WEIGHT ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.13	3/A8.15	
A140C	WEIGHT ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.13	3/A8.15	
A140E	WEIGHT ROOM	W2	7'-2"	5'-1"	2'-2"	2/A8.14	1/A8.13	3/A8.15	
A145	COACH'S OFFICE	W8	4'-8"	3'-4"	2'-8"	1/A8.12	3/A8.12	2/A8.12	
A146A	GYM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A146B	GYM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A146C	GYM	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A160A	CONFERENCE ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A160B	CONFERENCE ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A160C	CONFERENCE ROOM	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A161A	MGR. OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A161B	MGR. OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A161C	MGR. OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A163	OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A164	OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A165	OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A166	OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.13	1/A8.13	3/A8.15	
A167	OFFICE	W6	5'-4"	4'-0"	4'-0"	2/A8.15	1/A8.15	4/A8.15	
A203A	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203B	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203C	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203D	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203E	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203F	TRACK	W6	5'-4"	4'-0"	20'-0"	2/A8.14	1/A8.13	3/A8.15	
A203G	TRACK	W6	5'-4"	4'-0"	20'-0"	2/A8.14	1/A8.13	3/A8.15	
A203H	TRACK	W6	5'-4"	4'-0"	20'-0"	2/A8.14	1/A8.13	3/A8.15	
A203I	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203J	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203K	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203L	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	
A203M	TRACK	W3	7'-2"	4'-0"	29'-5"	2/A8.14	1/A8.13	3/A8.15	

WINDOW TYPES



WINDOW GENERAL NOTES

- FABRICATE ALL PRODUCTS IN COMPLETE ACCORDANCE WITH THE STANDARDS OF THE SELECTED MANUFACTURER.
- VERIFY THAT ROUGH OR MASONRY OPENING IS CORRECT AND READY TO RECEIVE NEW WINDOW MATERIALS.
- CHECK ACTUAL OPENINGS BY ACCURATE FIELD MEASUREMENT BEFORE FABRICATION. SHOW RECORDED MEASUREMENTS ON PRODUCT SUBMITTALS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS.
- ALL WINDOWS SHOULD BE THOROUGHLY CAULKED BETWEEN THE FRAME AND SURROUNDING CONSTRUCTION. SEAL ALL PENETRATIONS THROUGH THE WINDOW UNIT.
- ADJUST OPERATING SASH AND HARDWARE TO PROVIDE A TIGHT FIT AT CONTACT POINTS AND AT WEATHERSTRIPPING FOR SMOOTH OPERATION AND WEATHERTIGHT CLOSURE.
- PROVIDE LOCK AT OPERABLE WINDOW ON INTERIOR SIDE.
- ALL EXTERIOR WINDOWS SHALL BE TINTED, SEE SCHEDULE FOR IMPACT RESISTANT LAMINATED GLASS

WINDOW NOTES:

- NOTE 1:** GLASS GLAZED ALUMINUM DOORS
- NOTE 2:** SET OF TWO STOREFRONT SYSTEM AT DOORS, SEE W1 ELEVATION, INTERIOR STOREFRONT W1A SIMILAR

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WINDOW SCHEDULE AND TYPES

PROJECT NO. 21091	DATE 06/21/2024
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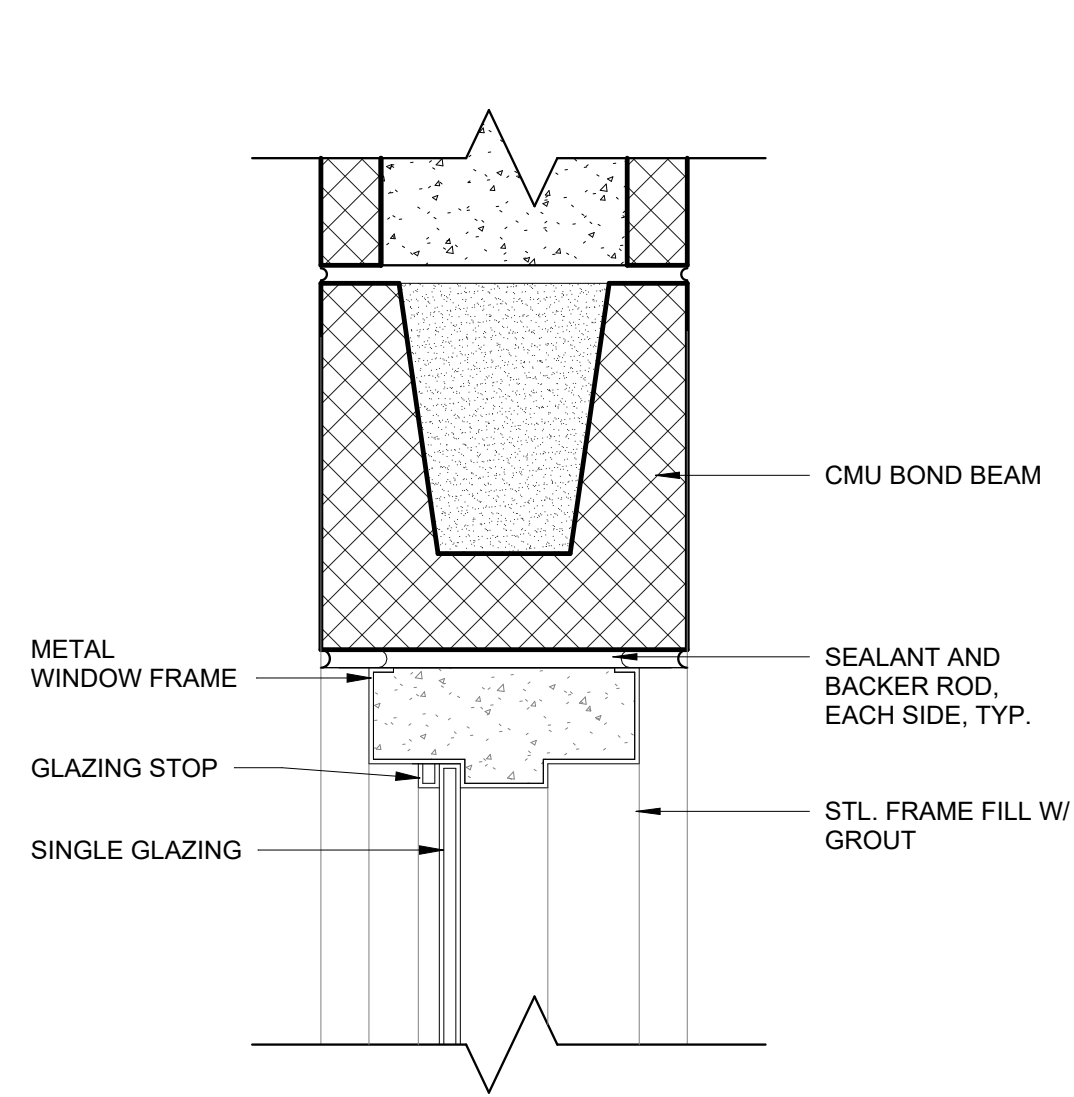
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SHEET TITLE
WINDOW DETAILS

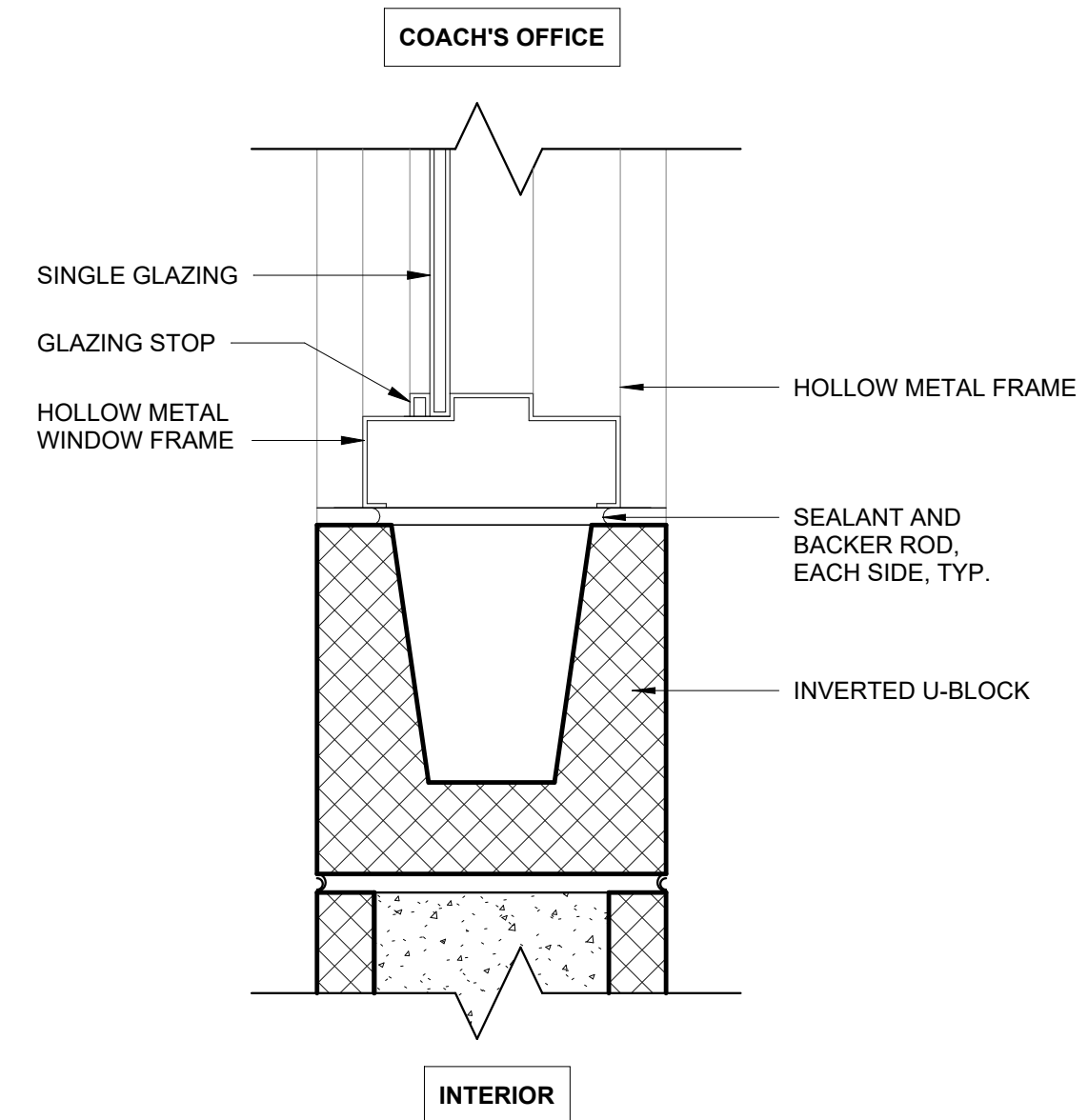
PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **STAFF** SCALE
CHECKED BY **NR** **3" = 1'-0"**
SHEET NO.

A8.12

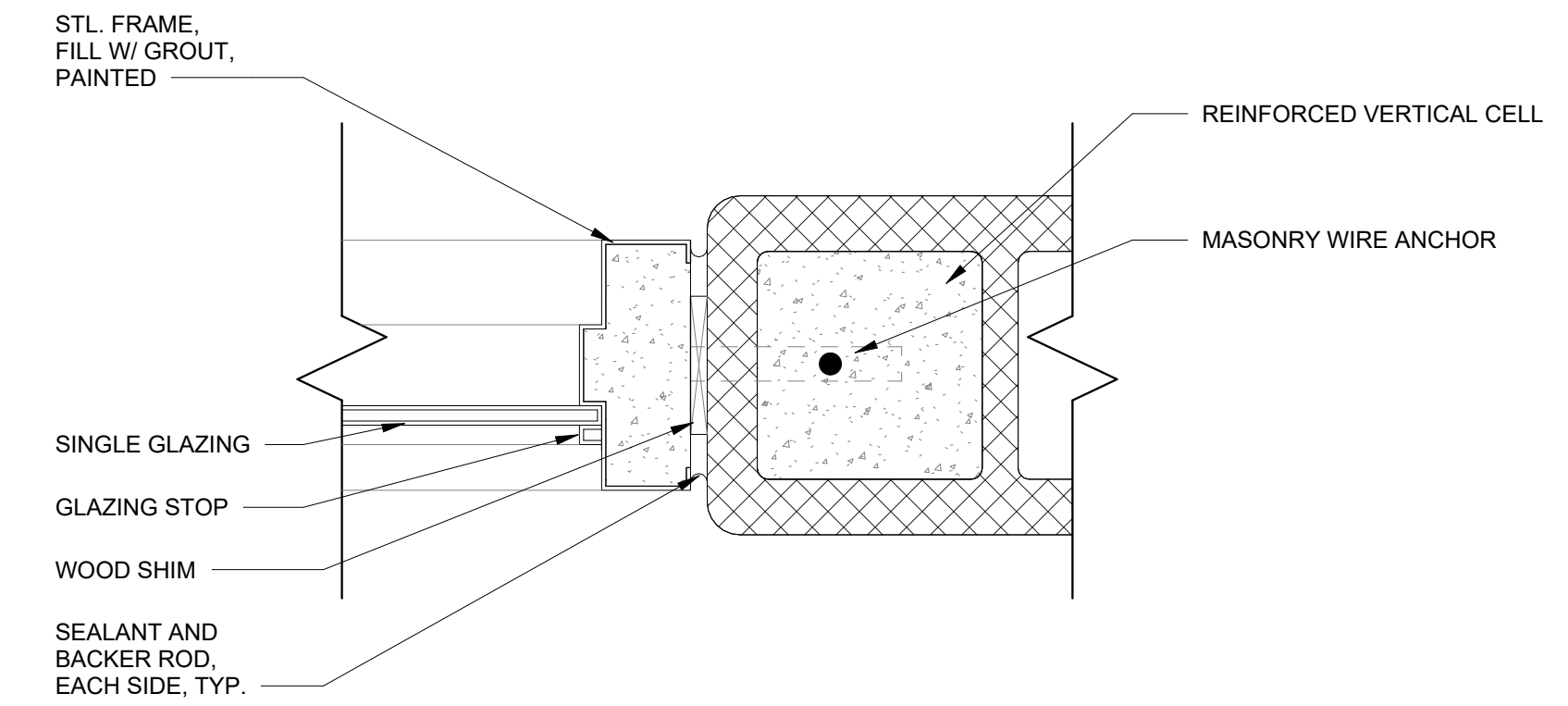
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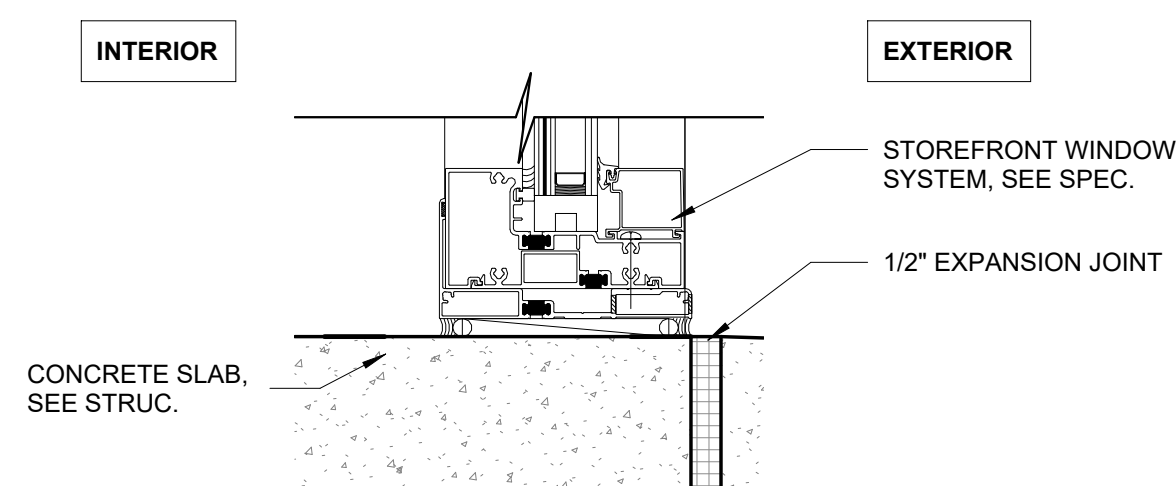
1 H.M. WINDOW HEAD DETAIL
A8.12 3" = 1'-0"



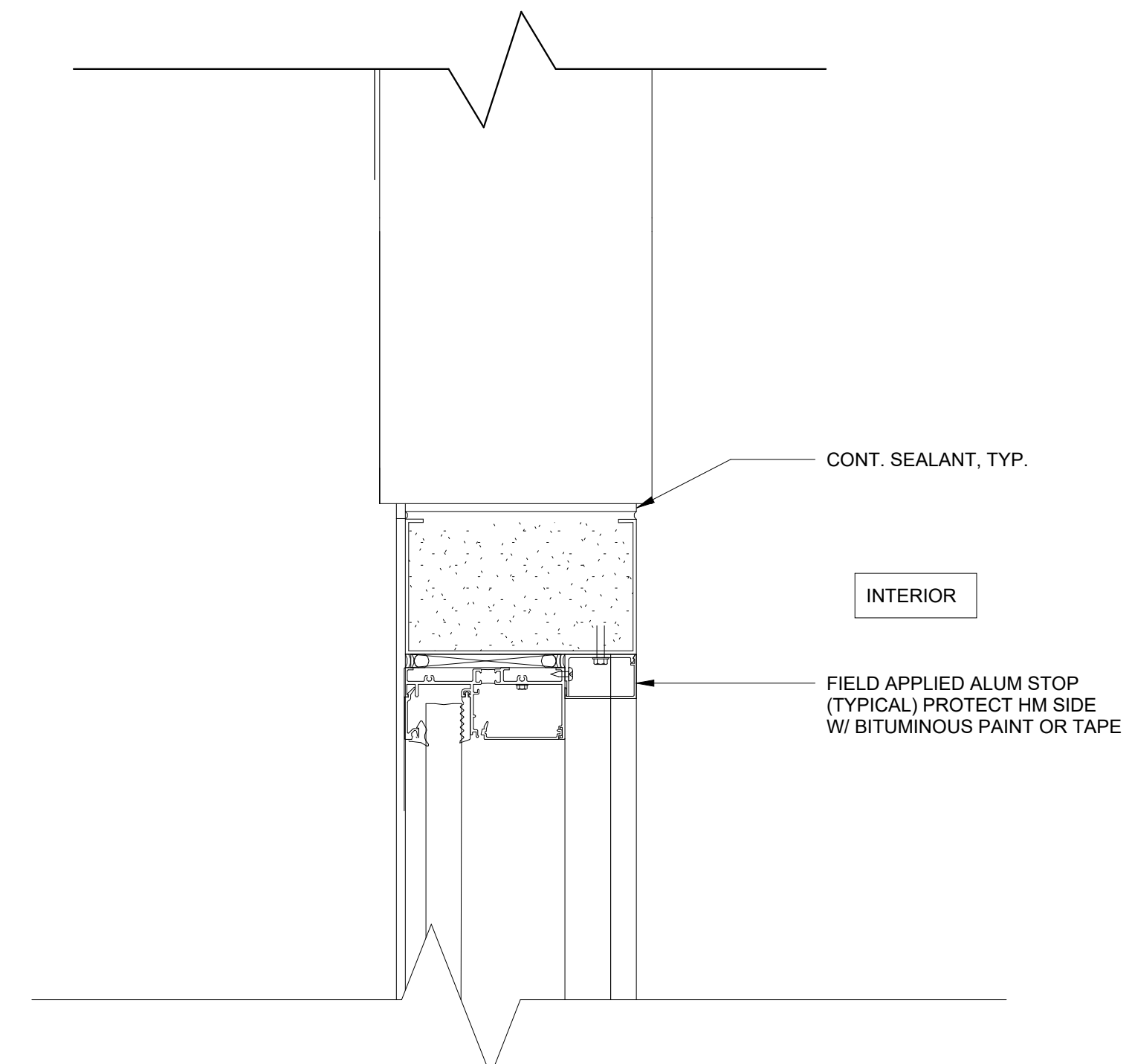
2 H.M. WINDOW SILL DETAIL
A8.12 3" = 1'-0"



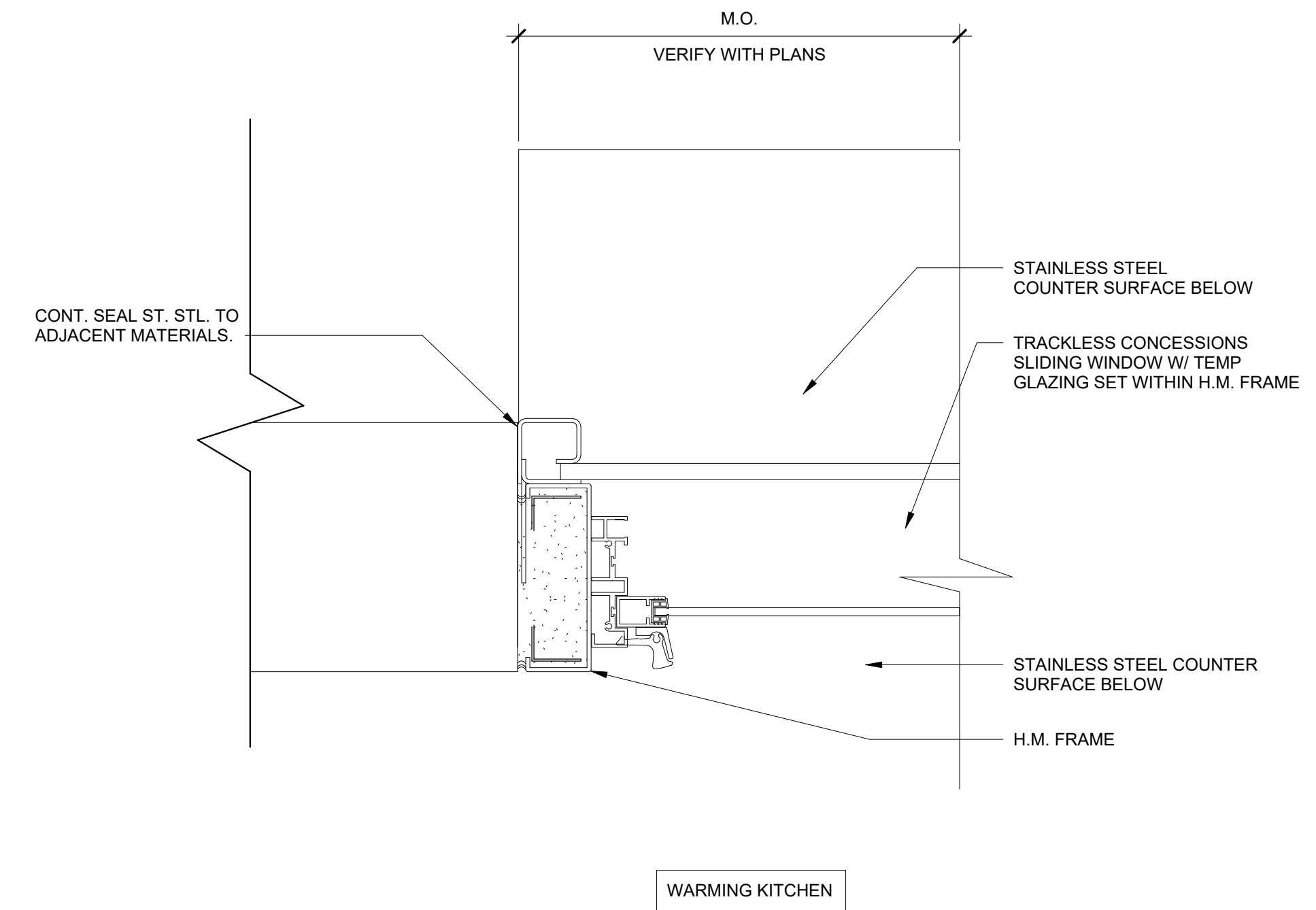
3 H.M. WINDOW JAMB
A8.12 3" = 1'-0"



4 SILL DETAIL AT STOREFRONT
A8.12 3" = 1'-0"



5 HEAD DETAIL AT CONCESSION WINDOW
A8.12 3" = 1'-0"



6 JAMB DETAIL AT CONCESSION WINDOW
A8.12 3" = 1'-0"

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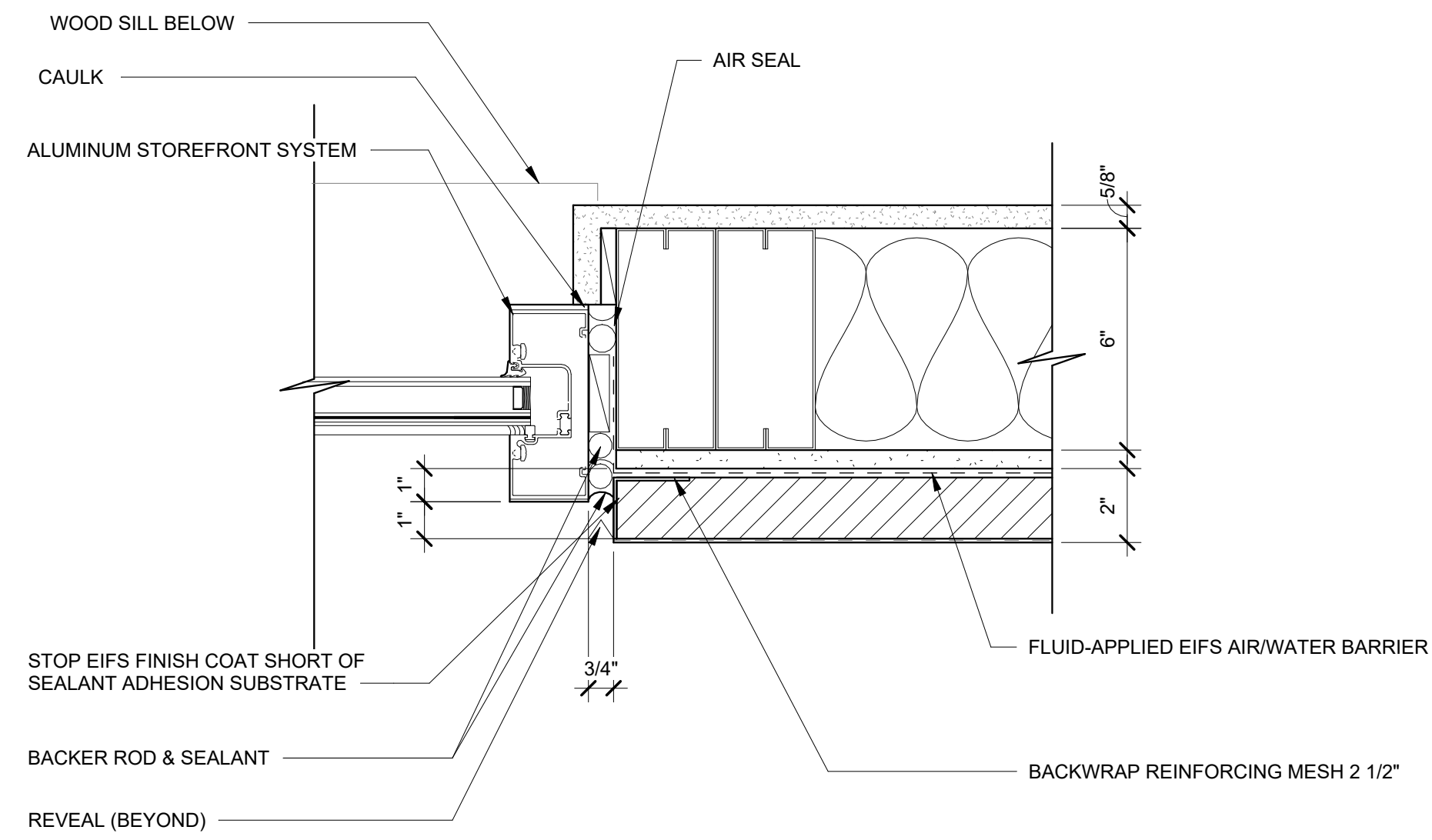
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SHEET TITLE
WINDOW DETAILS

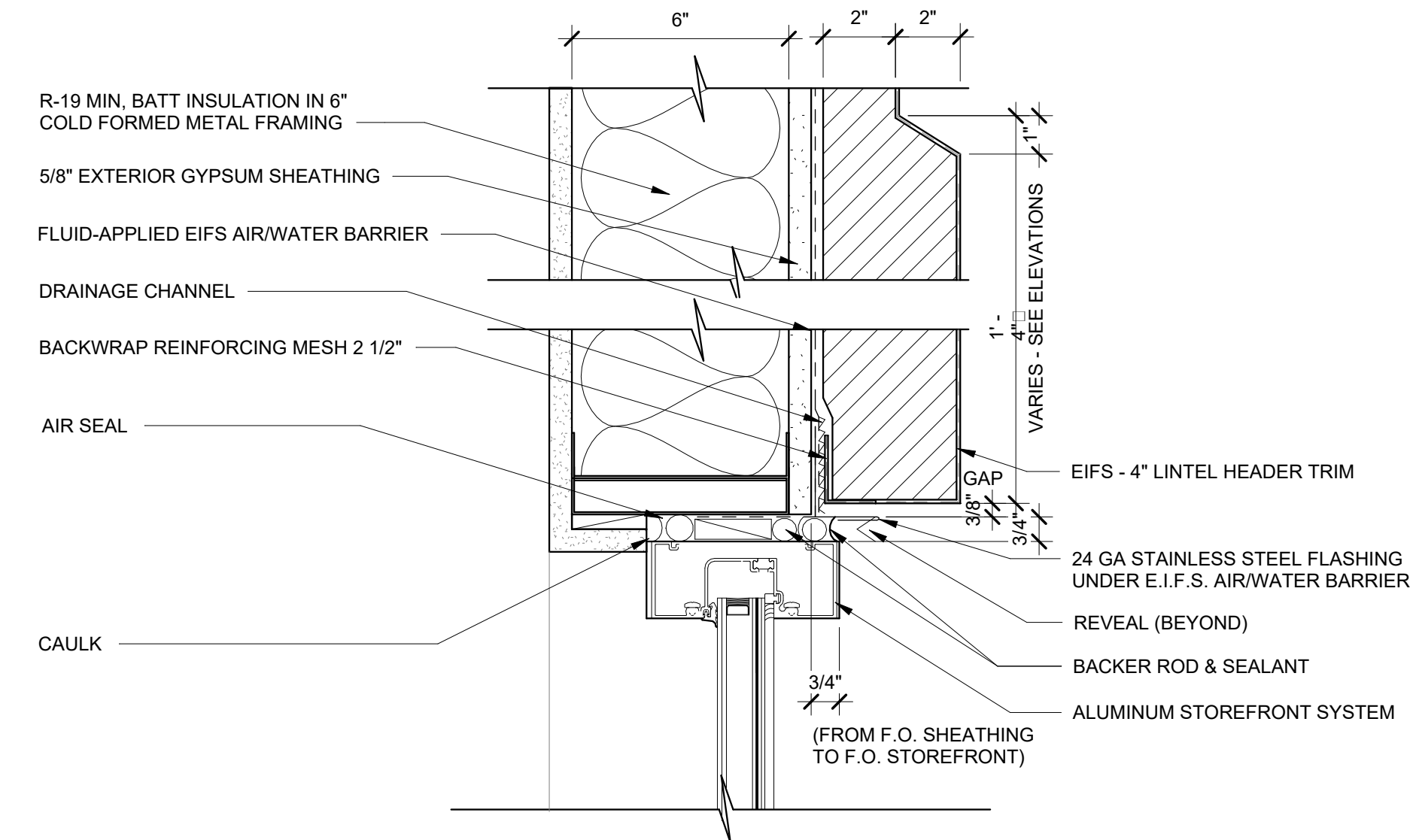
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE 3" = 1'-0"
CHECKED BY NR
SHEET NO.

A8.13

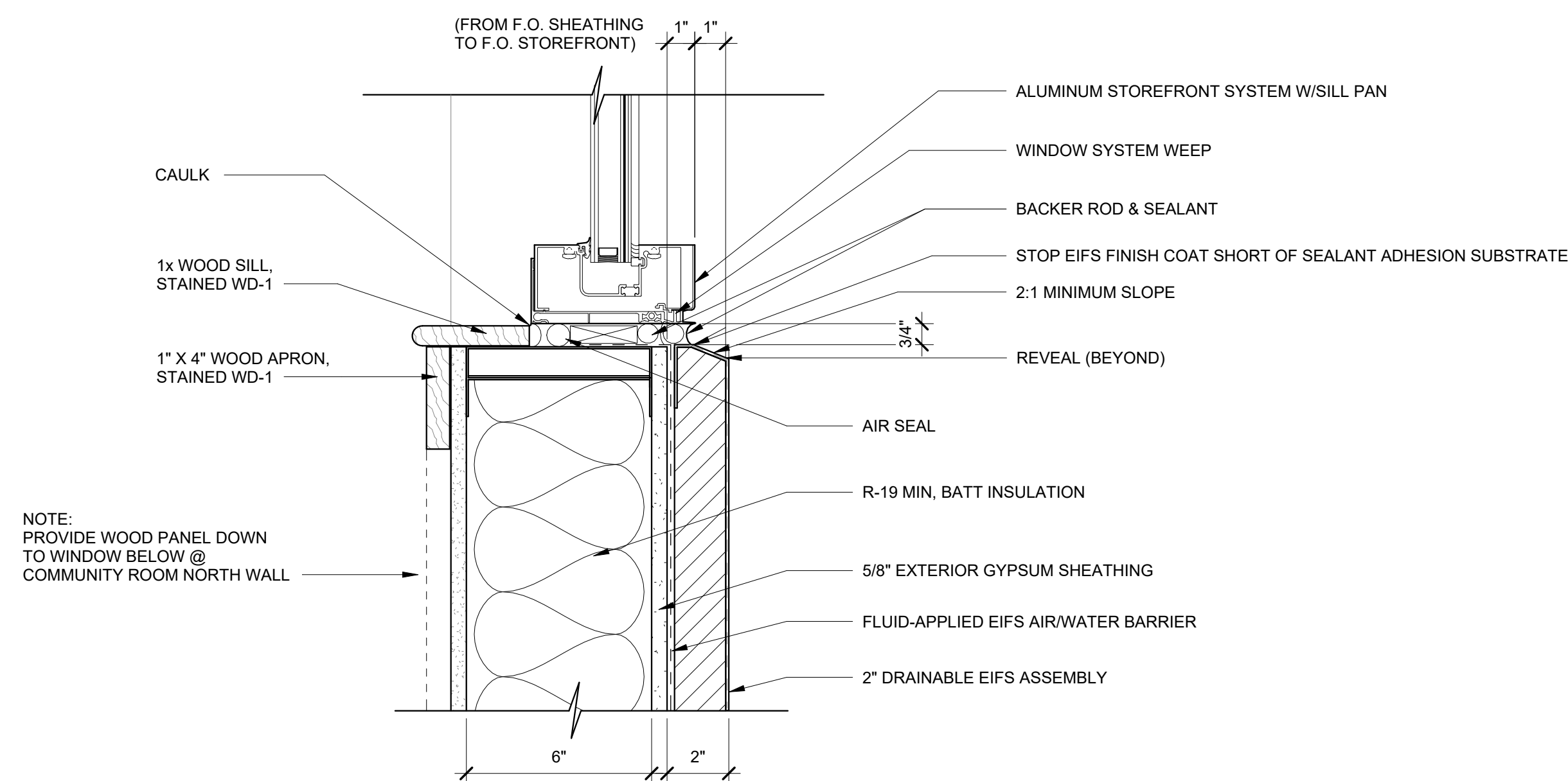
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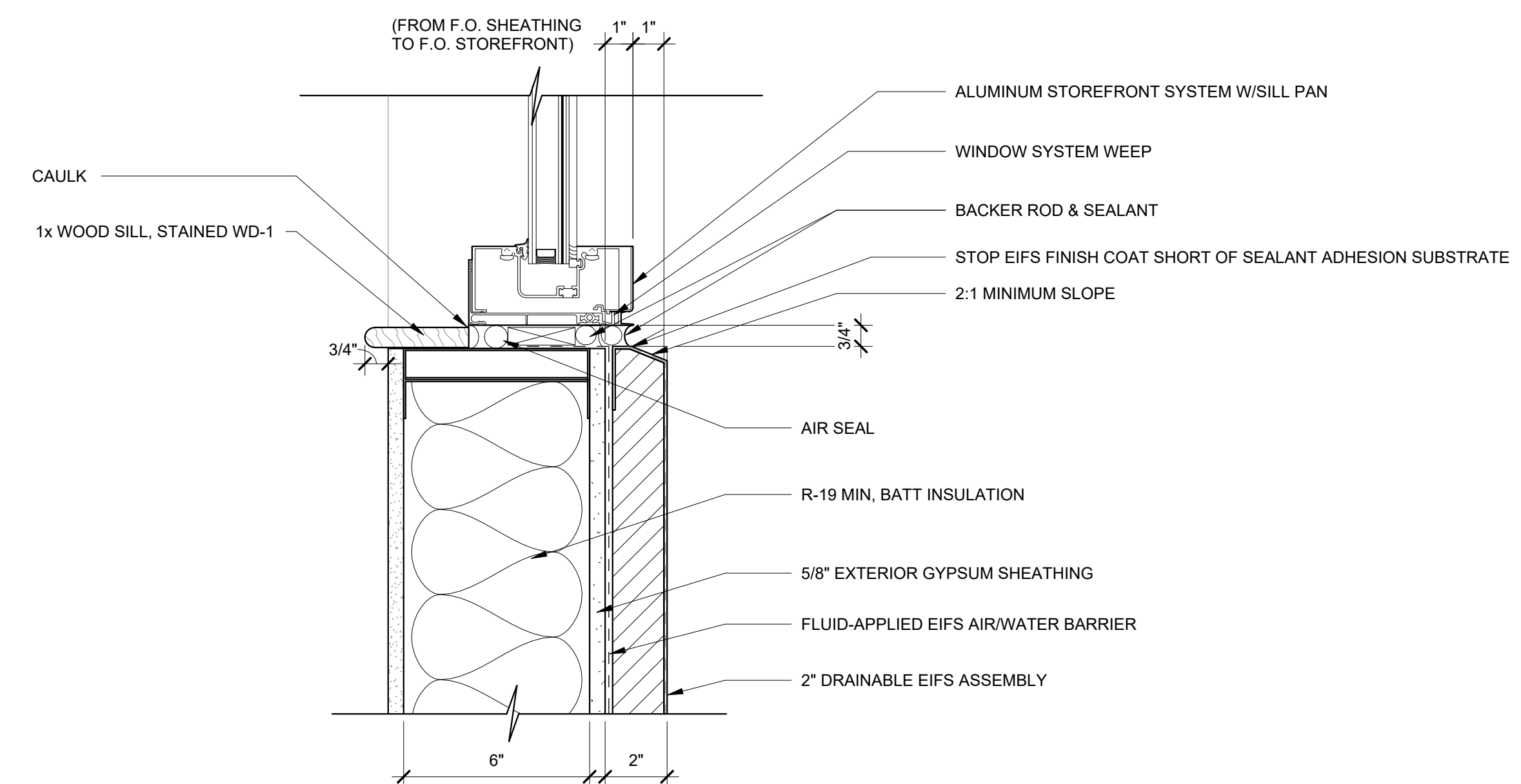
1
EIFS JAMB DETAIL AT STOREFRONT
PUNCHED OPENING
A8.13 3" = 1'-0"



2
EIFS HEAD DETAIL AT STOREFRONT
PUNCHED OPENING
A8.13 3" = 1'-0"



3
EIFS DETAIL AT STOREFRONT PUNCHED
OPENING AT HIGH TOP LIGHT
A8.13 3" = 1'-0"



4
EIFS DETAIL AT STOREFRONT PUNCHED
OPENING
A8.13 3" = 1'-0"

NOTE:
PROVIDE WOOD PANEL DOWN
TO WINDOW BELOW @
COMMUNITY ROOM NORTH WALL

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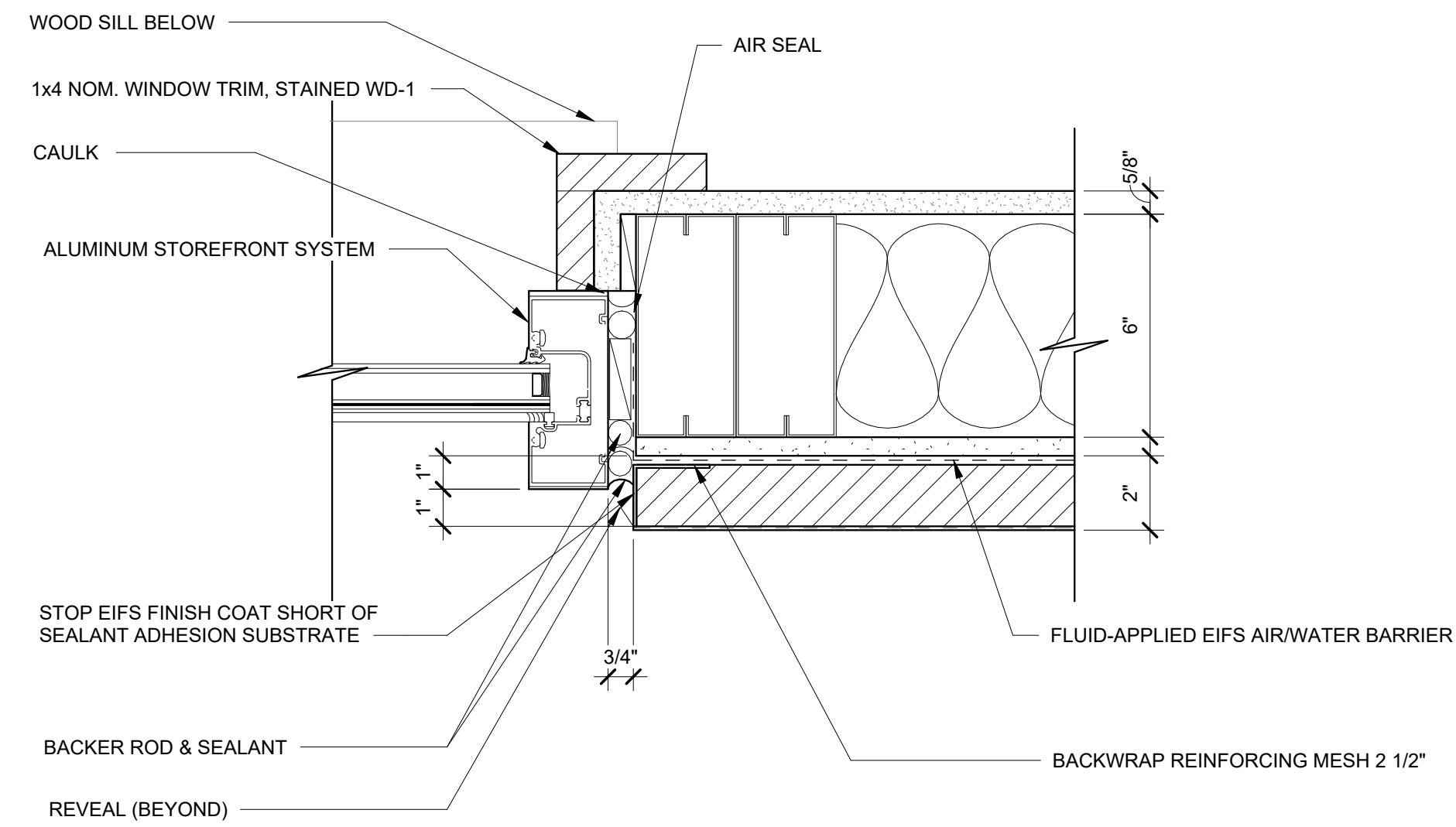
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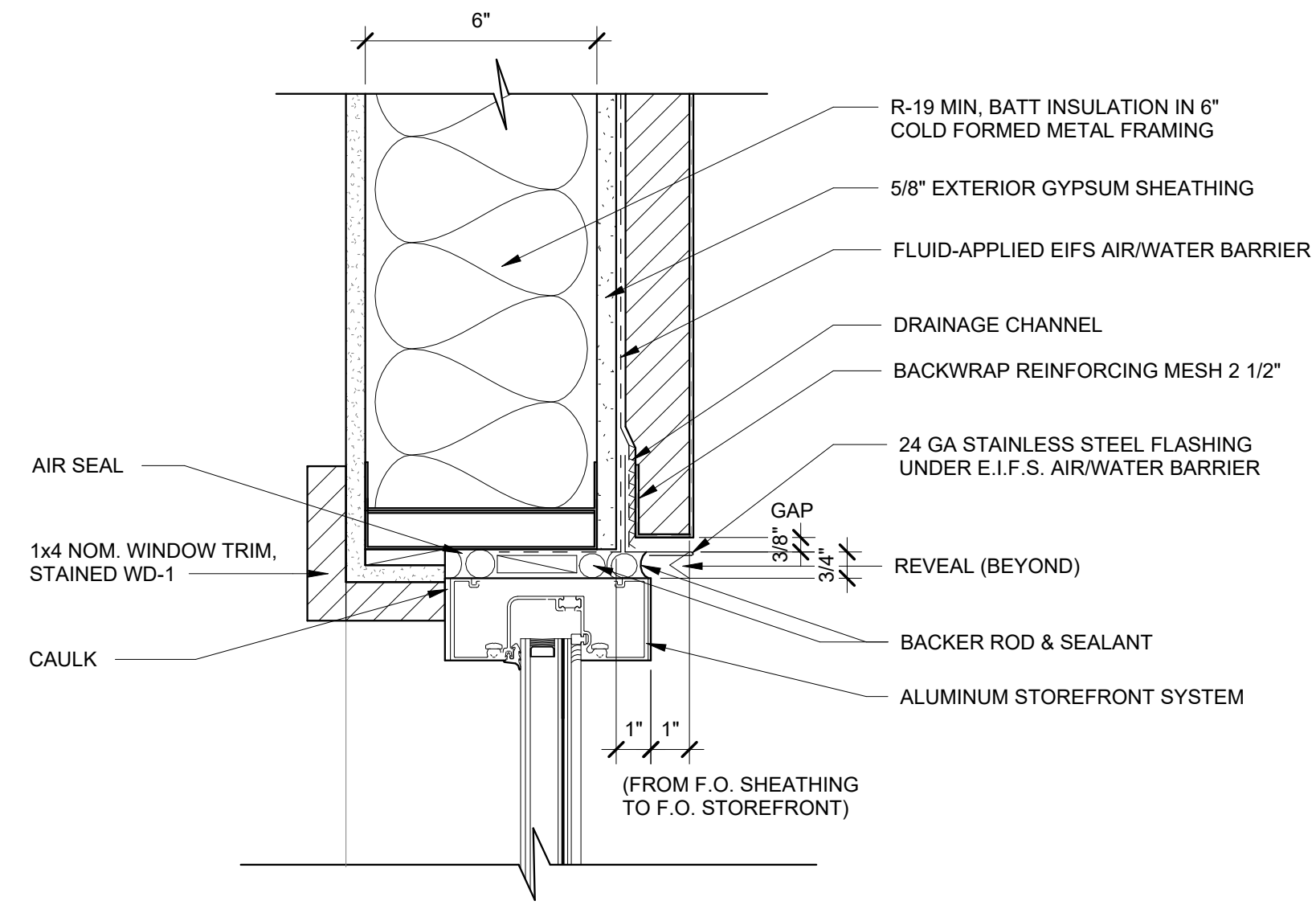
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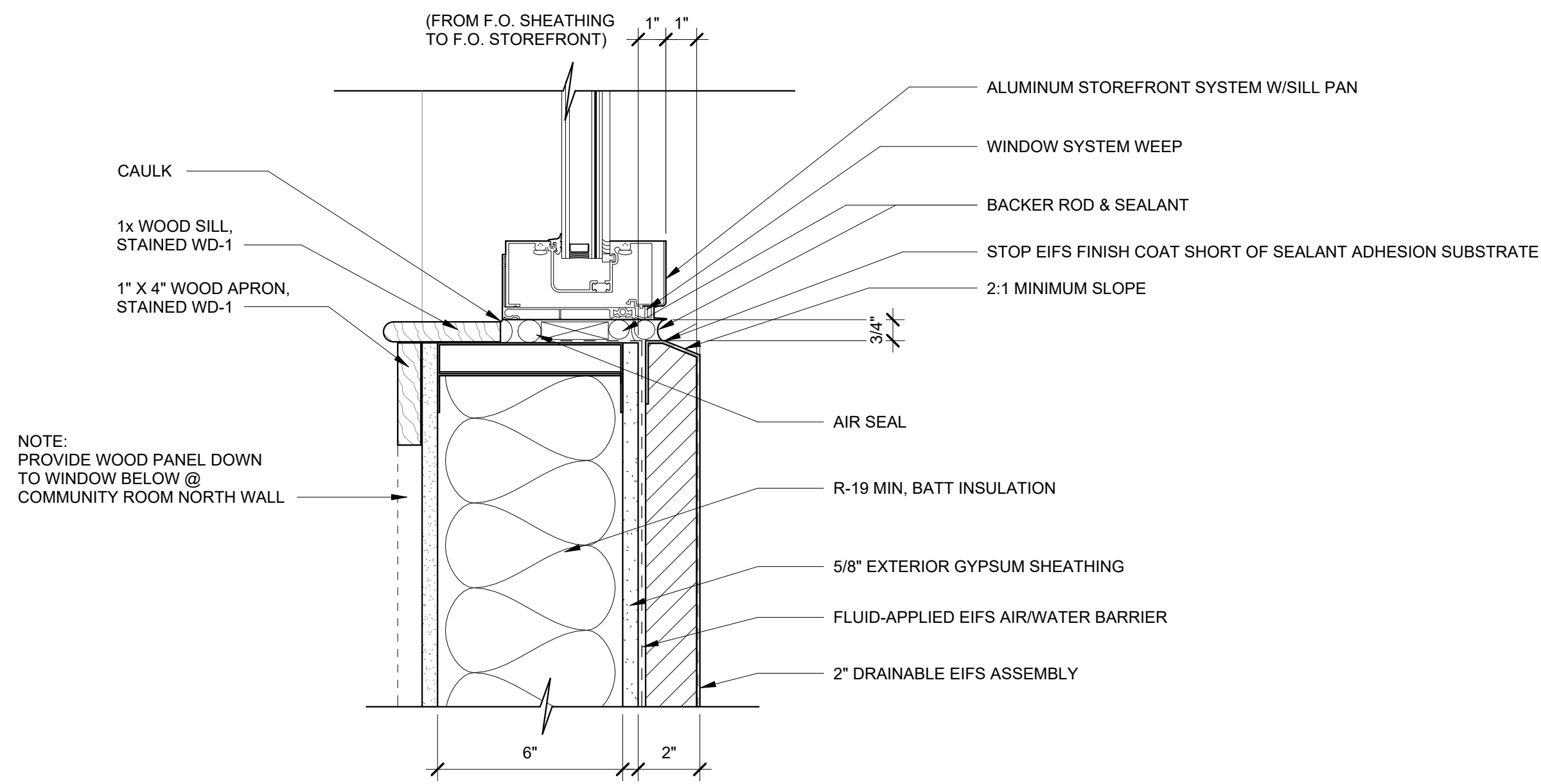
FAYETTE COUNTY



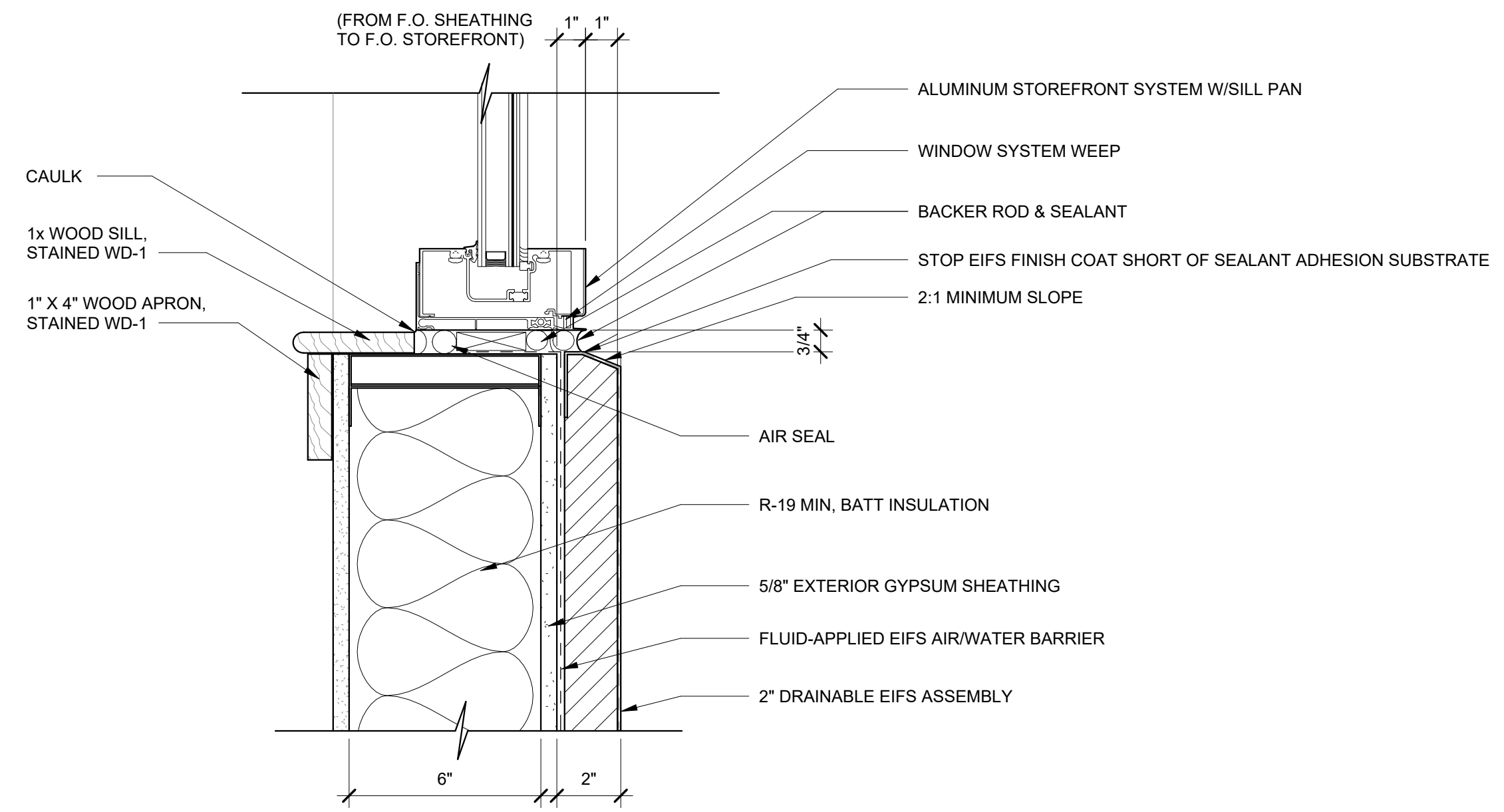
1
EIFS JAMB DETAIL AT STOREFRONT
PUNCHED OPENING AT COMMUNITY
ROOM
A8.14 3" = 1'-0"



2
EIFS HEAD DETAIL AT STOREFRONT
PUNCHED OPENING AT COMMUNITY
ROOM
A8.14 3" = 1'-0"



3
EIFS DETAIL AT STOREFRONT PUNCHED
OPENING AT HIGH TOP LIGHT
A8.14 3" = 1'-0"



4
EIFS DETAIL AT STOREFRONT PUNCHED
OPENING AT COMMUNITY ROOM
A8.14 3" = 1'-0"

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE
WINDOW DETAILS

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 3" = 1'-0"
CHECKED BY NR	SHEET NO.

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NO	DATE	DESCRIPTION

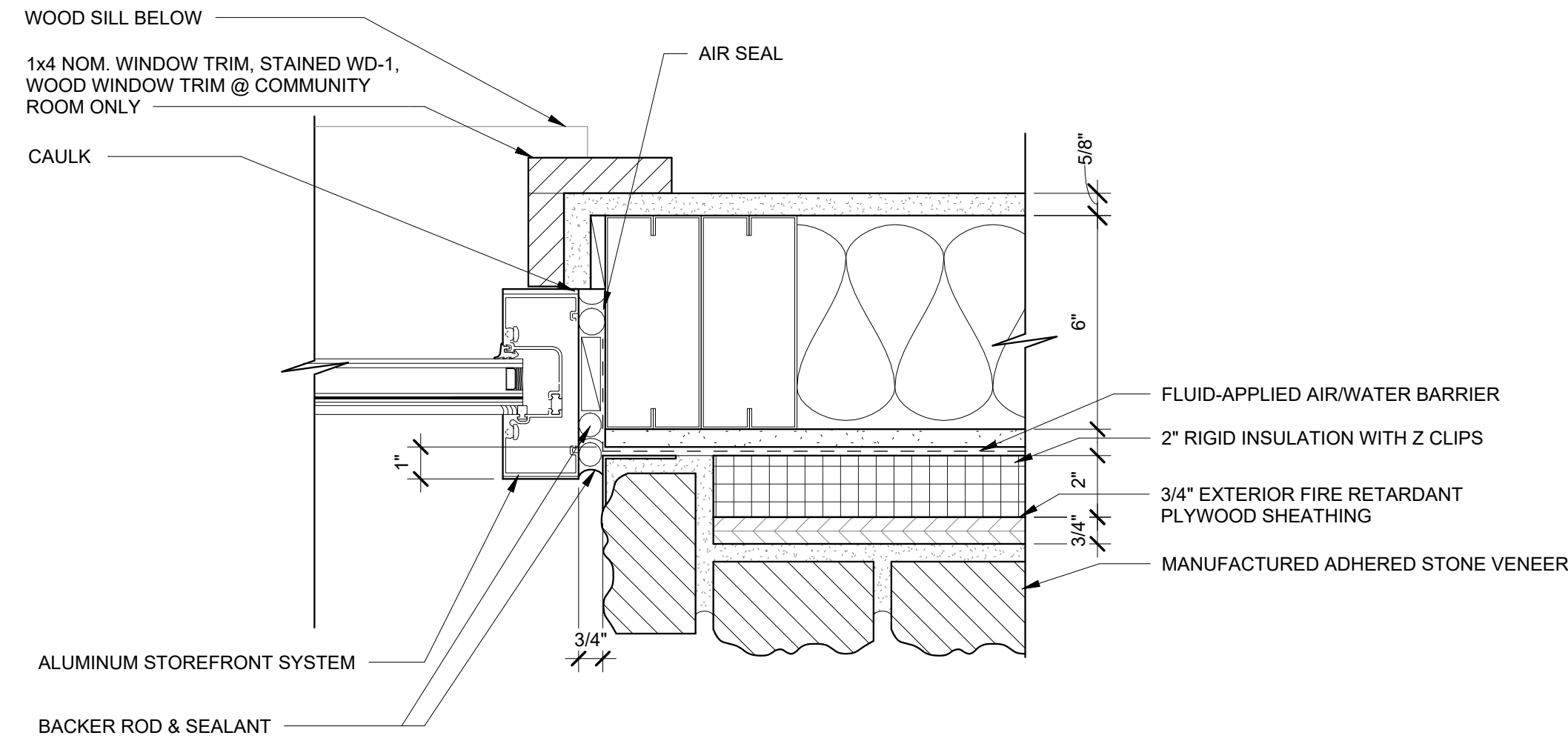
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SHEET TITLE

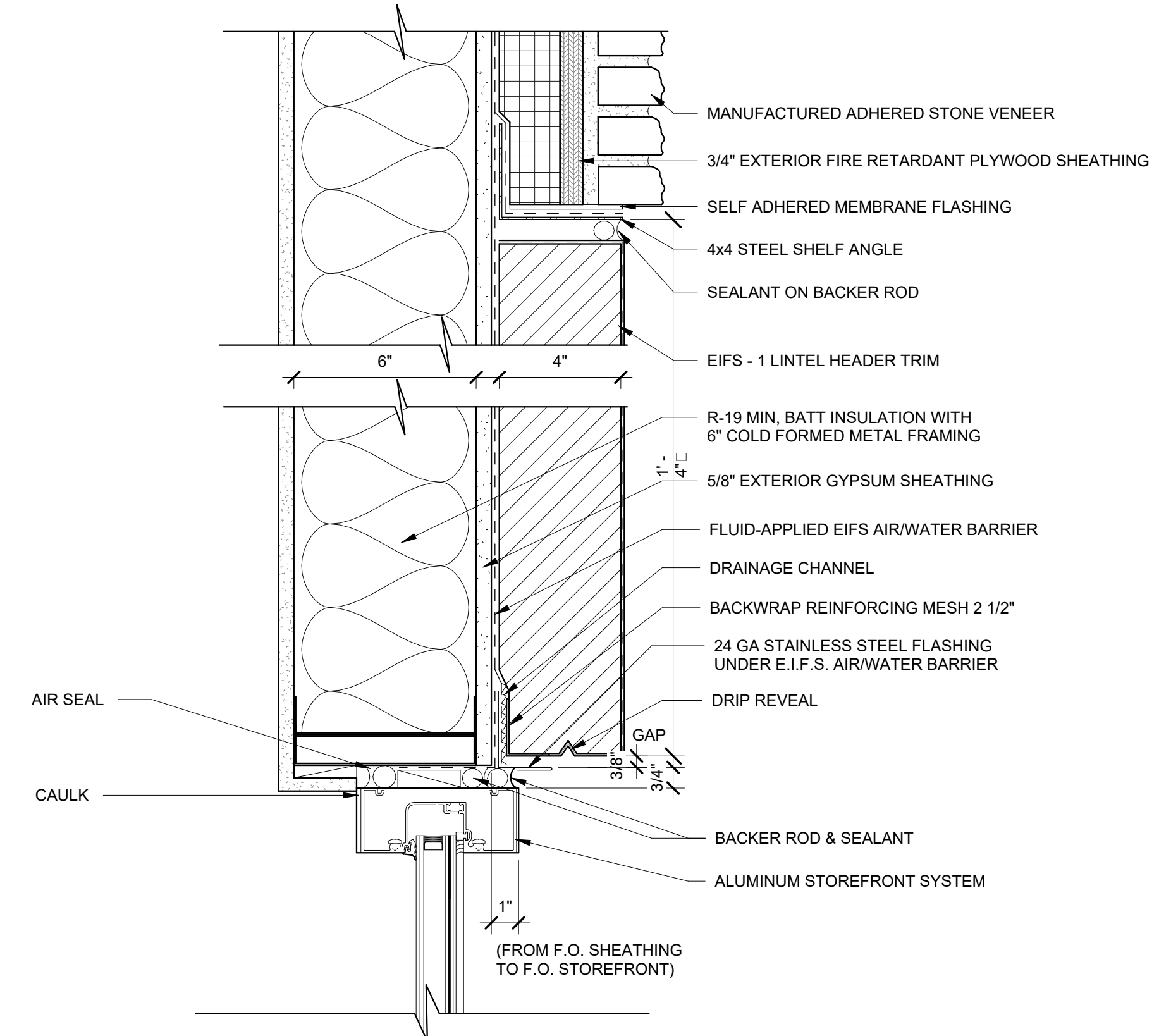
WINDOW DETAILS

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 3" = 1'-0"
CHECKED BY NR	SHEET NO.

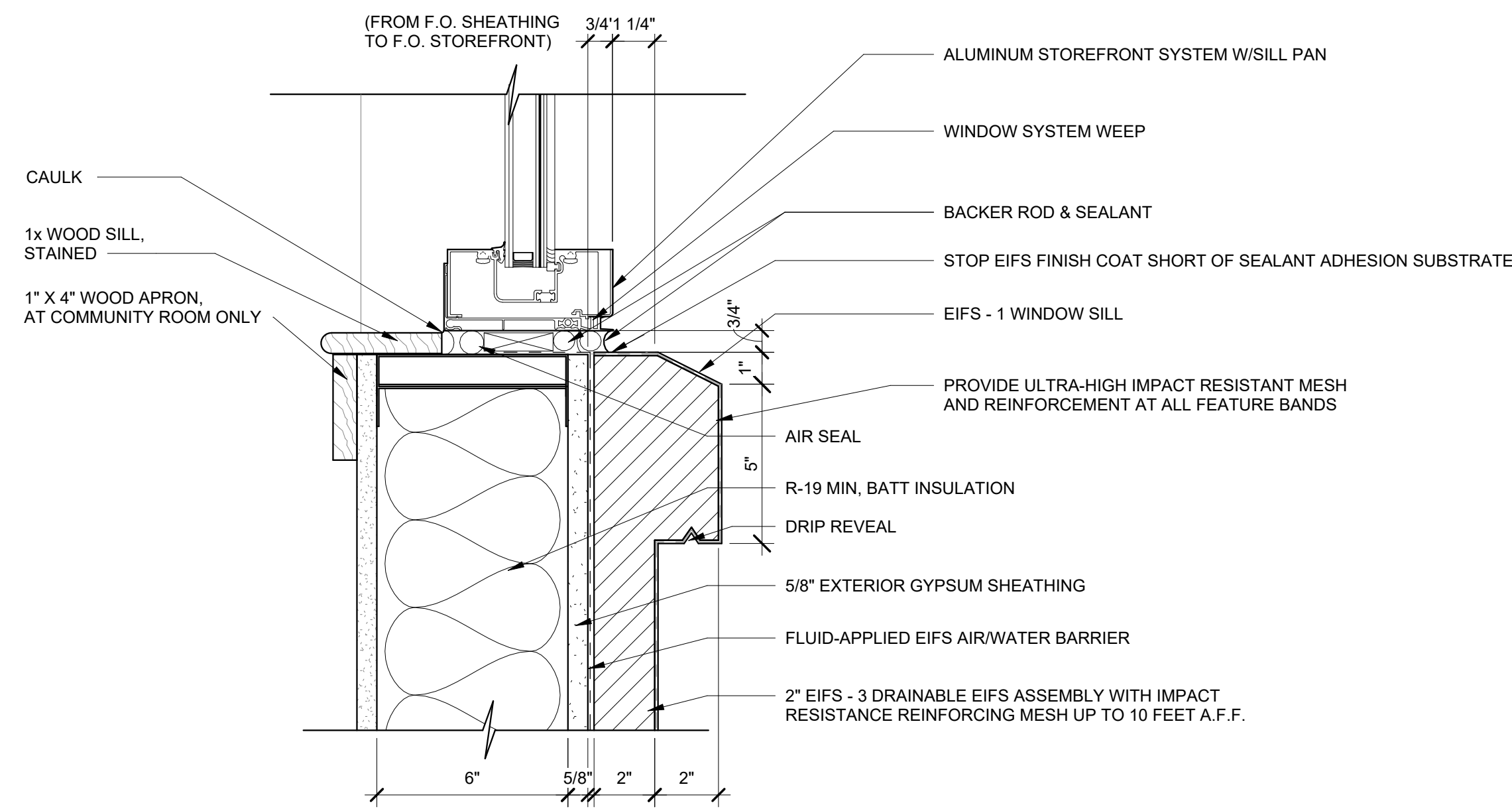
A8.15



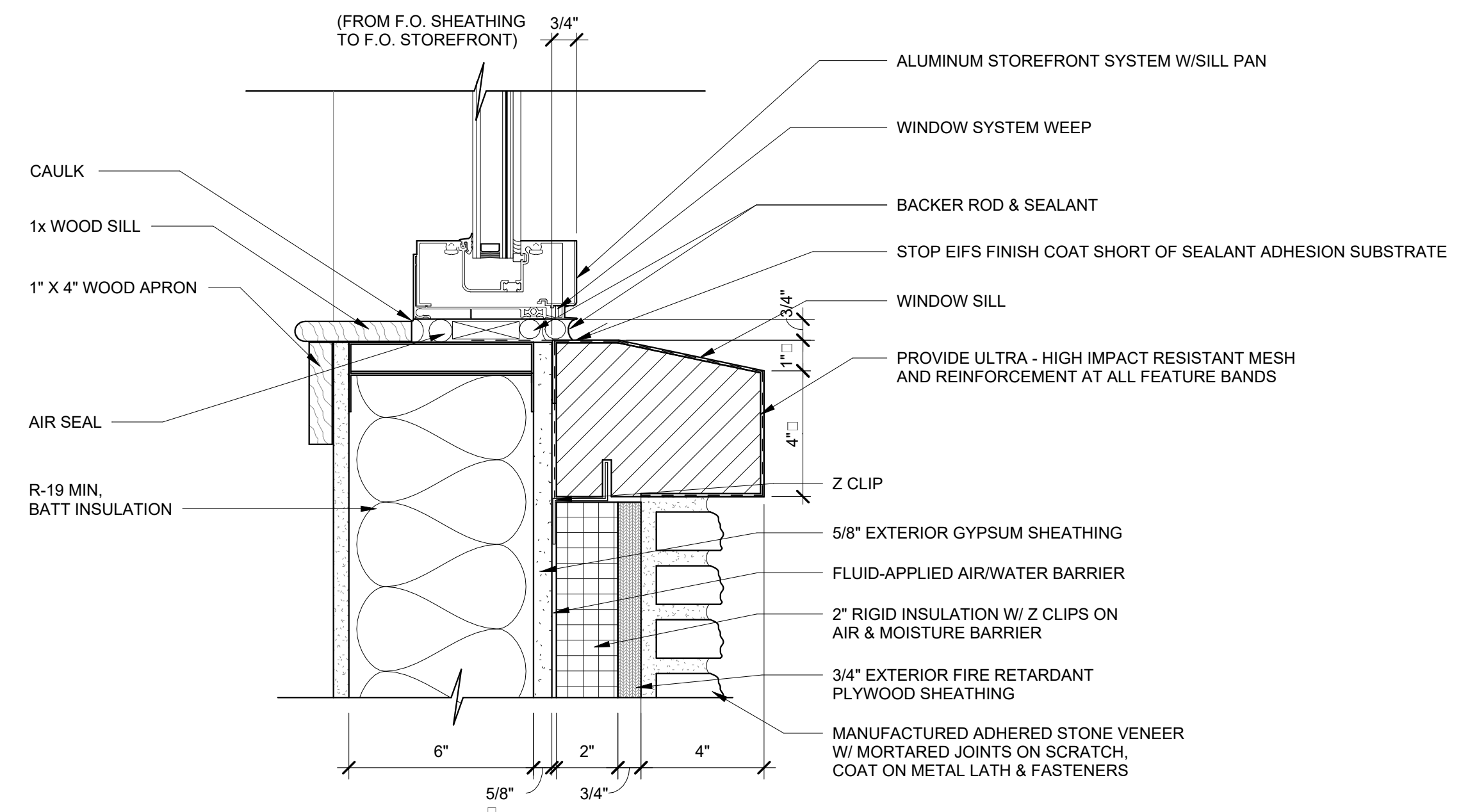
1
STOREFRONT JAMB DETAIL AT STONE VENEER
A8.15 3" = 1'-0"



2
STOREFRONT HEAD DETAIL @ EIFS & STONE
A8.15 3" = 1'-0"



3
STOREFRONT SILL @ EIFS INSULATION SYSTEM
A8.15 3" = 1'-0"



4
STOREFRONT SILL DETAIL @ STONE
A8.15 3" = 1'-0"

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NO	DATE	DESCRIPTION

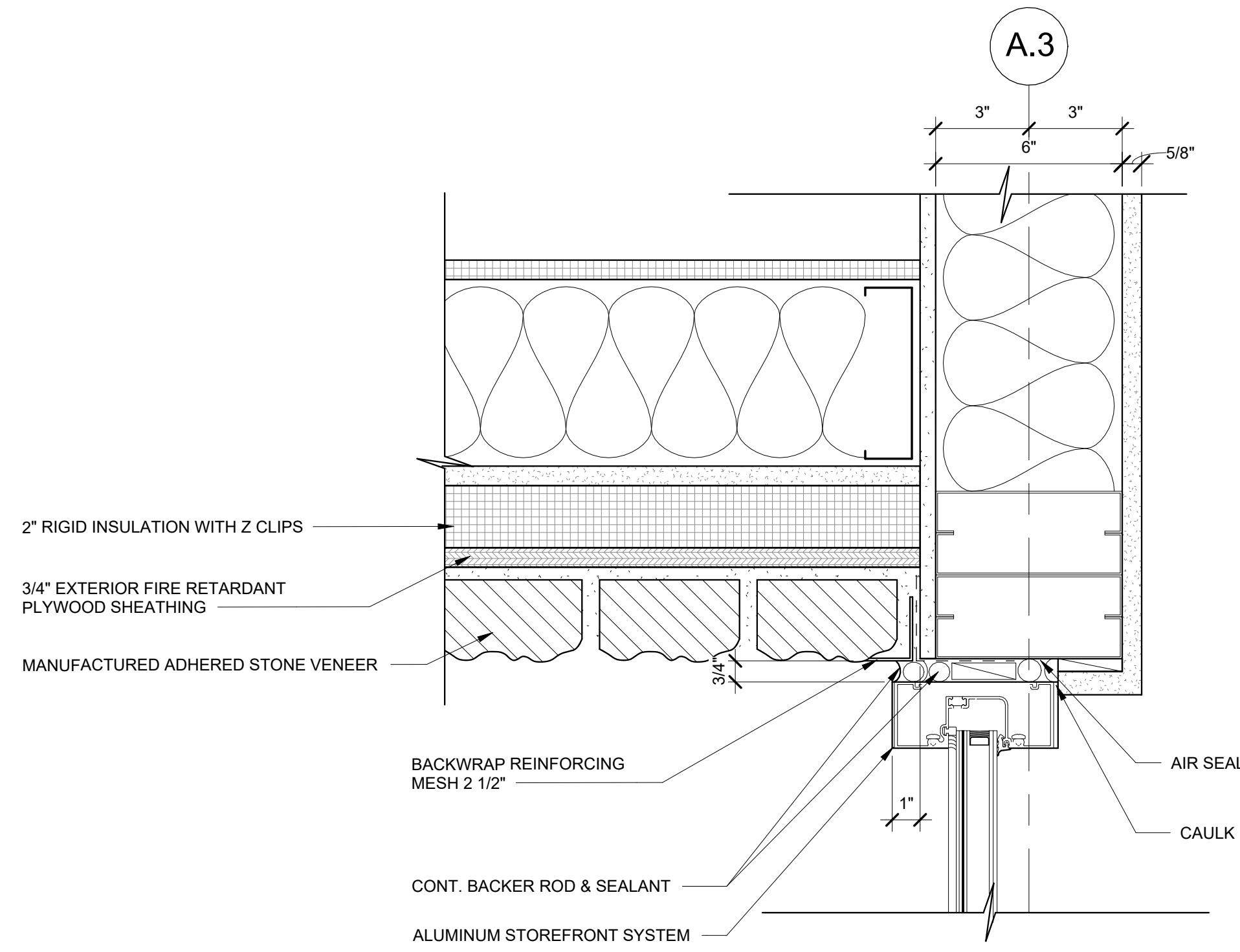
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SHEET TITLE
WINDOW DETAILS

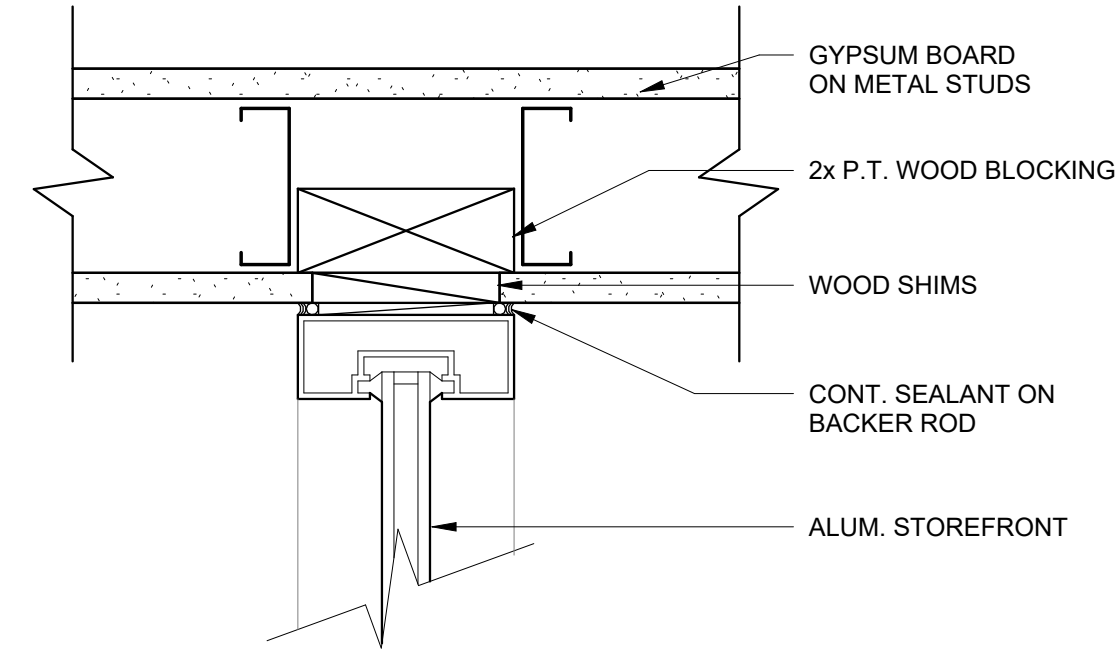
PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **STAFF** SCALE
CHECKED BY **NR** **3" = 1'-0"**
SHEET NO.

A8.16

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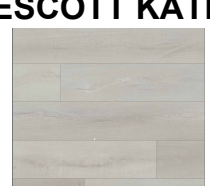


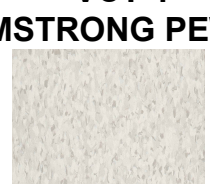
1
A8.16 3" = 1'-0"
STOREFRONT JAMB DETAIL AT STONE VENEER - FRONT OPENING



2
A8.16 3" = 1'-0"
INTERIOR FLUSH JAMB STOREFRONT DETAIL



PATTERN PLAN KEY

-  LVP-1
MSI PRESCOTT BRALY
-  LVP-2
MSI PRESCOTT KATELLA ASH
-  LVP-3
MSI ANDOVER WHITBY WHITE
-  LVP-4
MSI PRESCOTT GRAYTON
-  VCT-1
ARMSTRONG PEWTER
-  VCT-2
ARMSTRONG SILK

NOTE:
ALL FINISH PATTERN DIMENSIONS ARE APPROXIMATE. FINAL LVP FLOORING PATTERN WILL BE BASED ON 7" WIDE PLANKS AS APPROVED BY ARCHITECT.

SEE FINISH SCHEDULE FOR FLOOR FINISHES NOT SHOWN IN FINISH PLANS.

NOTE:
CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PAINT COLORS, FLOOR FINISHES, WALL TILE, OR OTHER INTERIOR FINISHES TO OWNER FOR APPROVAL PRIOR TO ORDERING OR INSTALLING COLOR AND FINISH SELECTIONS.

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SHEET TITLE

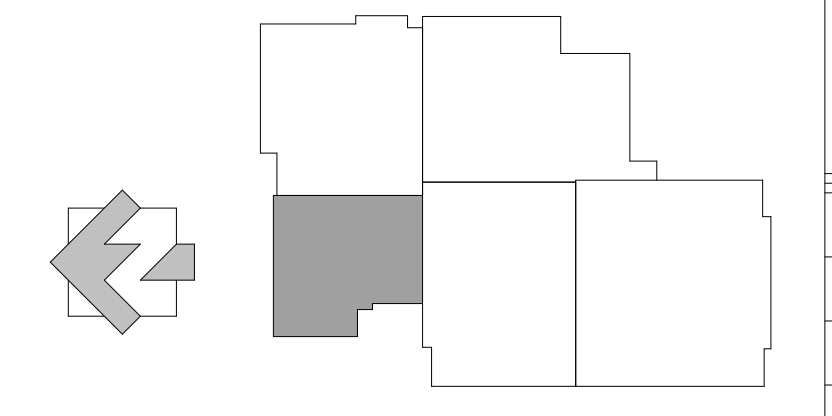
ENLARGED ADMINISTRATION FINISH PLAN

PROJECT NO. 21091
DRAWN BY STAFF
CHECKED BY NR
SHEET NO.

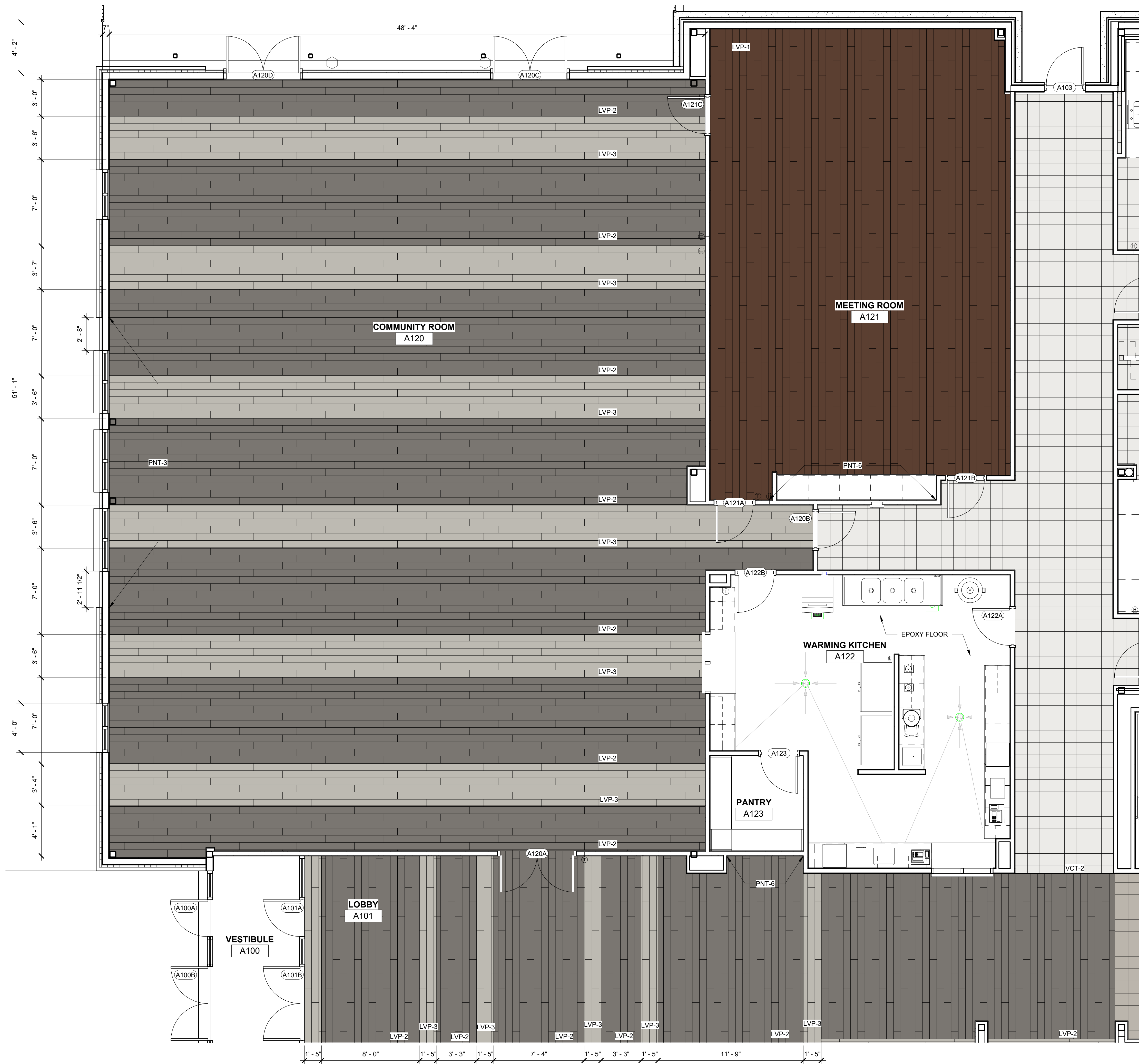
DATE 06/21/2024
SCALE As indicated

A9.02

KEY PLAN



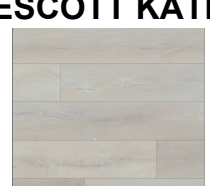


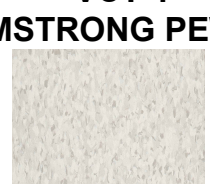


1 ENLARGED ADMINISTRATION FINISH PLAN
A9.02 1/4" = 1'-0"



1
A9.03
ENLARGED COMMUNITY ROOM FINISH PLAN
1/4" = 1'-0"

PATTERN PLAN KEY

-  LVP-1
MSI PRESCOTT BRALY
-  LVP-2
MSI PRESCOTT KATELLA ASH
-  LVP-3
MSI ANDOVER WHITBY WHITE
-  LVP-4
MSI PRESCOTT GRAYTON
-  VCT-1
ARMSTRONG PEWTER
-  VCT-2
ARMSTRONG SILK

NOTE:
ALL FINISH PATTERN DIMENSIONS ARE APPROXIMATE. FINAL LVP FLOORING PATTERN WILL BE BASED ON 7" WIDE PLANKS AS APPROVED BY ARCHITECT.

SEE FINISH SCHEDULE FOR FLOOR FINISHES NOT SHOWN ON FINISH PLANS.

NOTE:
CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PAINT COLORS, FLOOR FINISHES, WALL TILE, OR OTHER INTERIOR FINISHES TO OWNER FOR APPROVAL PRIOR TO ORDERING OR INSTALLING COLOR AND FINISH SELECTIONS.

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SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

CD PROGRESS

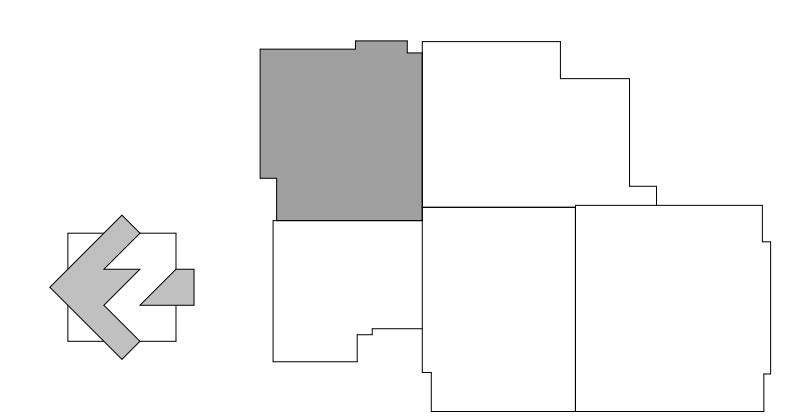
SHEET TITLE

ENLARGED COMMUNITY ROOM FINISH PLAN

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
CHECKED BY NR
SHEET NO. As indicated

A9.03

KEY PLAN





PATTERN PLAN KEY

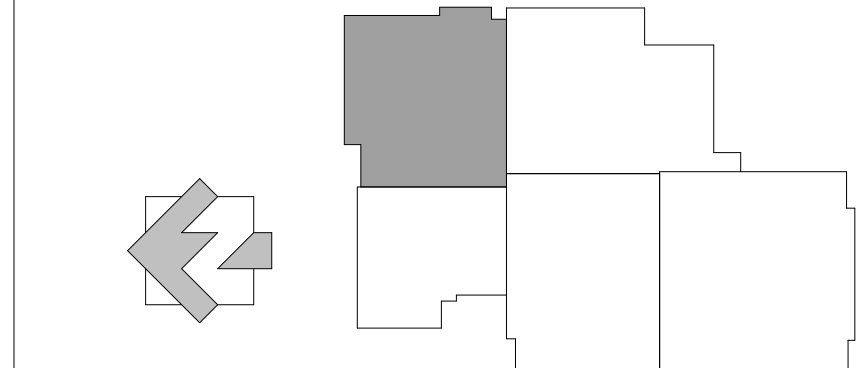
-  LVP-1
MSI PRESCOTT BRALY
-  LVP-2
MSI PRESCOTT KATELLA ASH
-  LVP-3
MSI ANDOVER WHITBY WHITE
-  LVP-4
MSI PRESCOTT GRAYTON
-  VCT-1
ARMSTRONG PEWTER
-  VCT-2
ARMSTRONG SILK
-  RAF-1
COCOA 932

NOTE:
ALL FINISH PATTERN DIMENSIONS ARE APPROXIMATE. FINAL LVP FLOORING PATTERN WILL BE BASED ON 7" WIDE PLANKS AS APPROVED BY ARCHITECT.

NOTE:
ROPPE 3/8" THICK TUFLEX SPARTUS RUBBER ATHLETIC FLOORING

NOTE:
CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PAINT COLORS, FLOOR FINISHES, WALL TILE, OR OTHER INTERIOR FINISHES TO OWNER FOR APPROVAL PRIOR TO ORDERING OR INSTALLING COLOR AND FINISH SELECTIONS.

KEY PLAN



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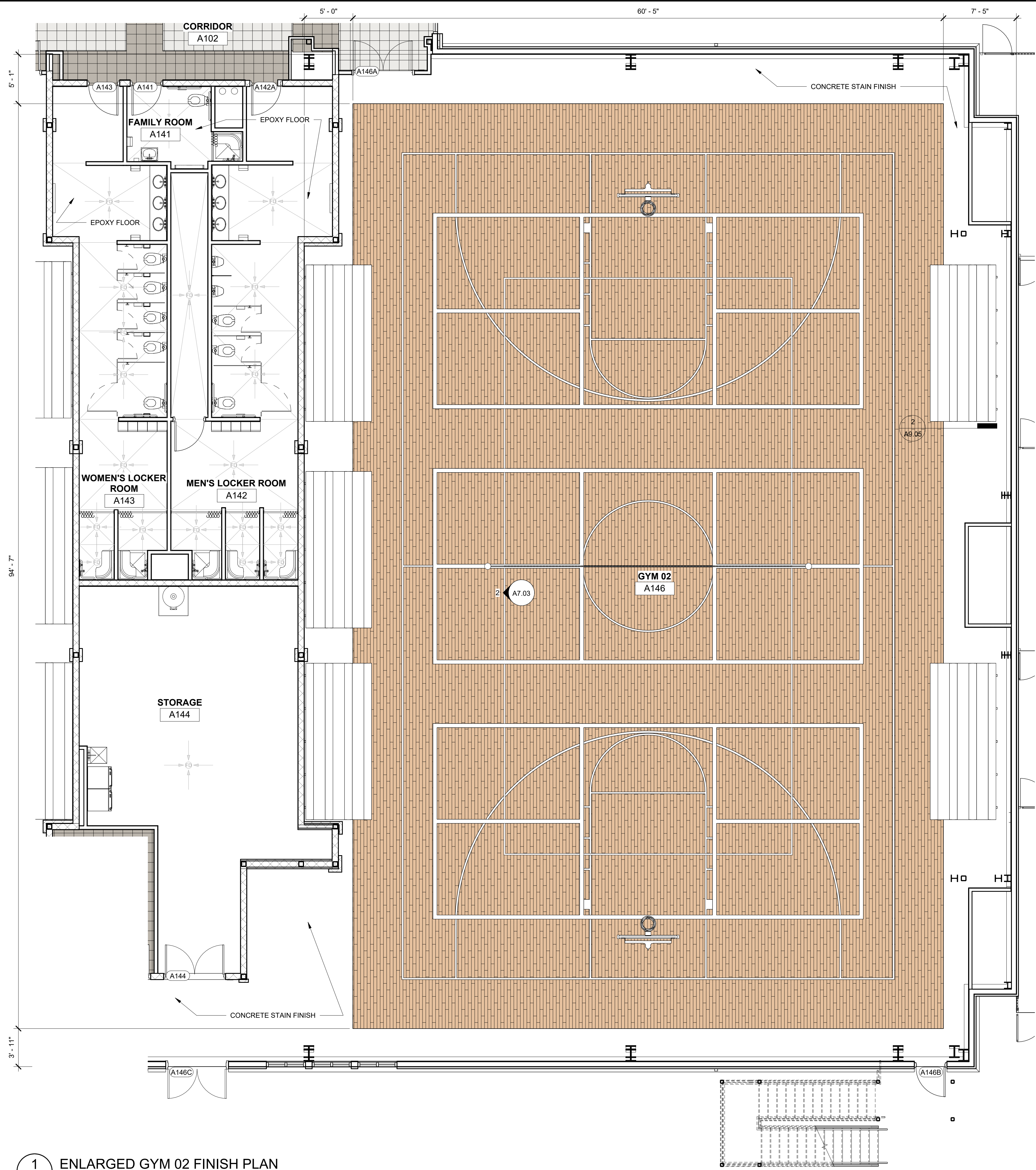
SHEET TITLE

ENLARGED CLASSROOMS FINISH PLAN

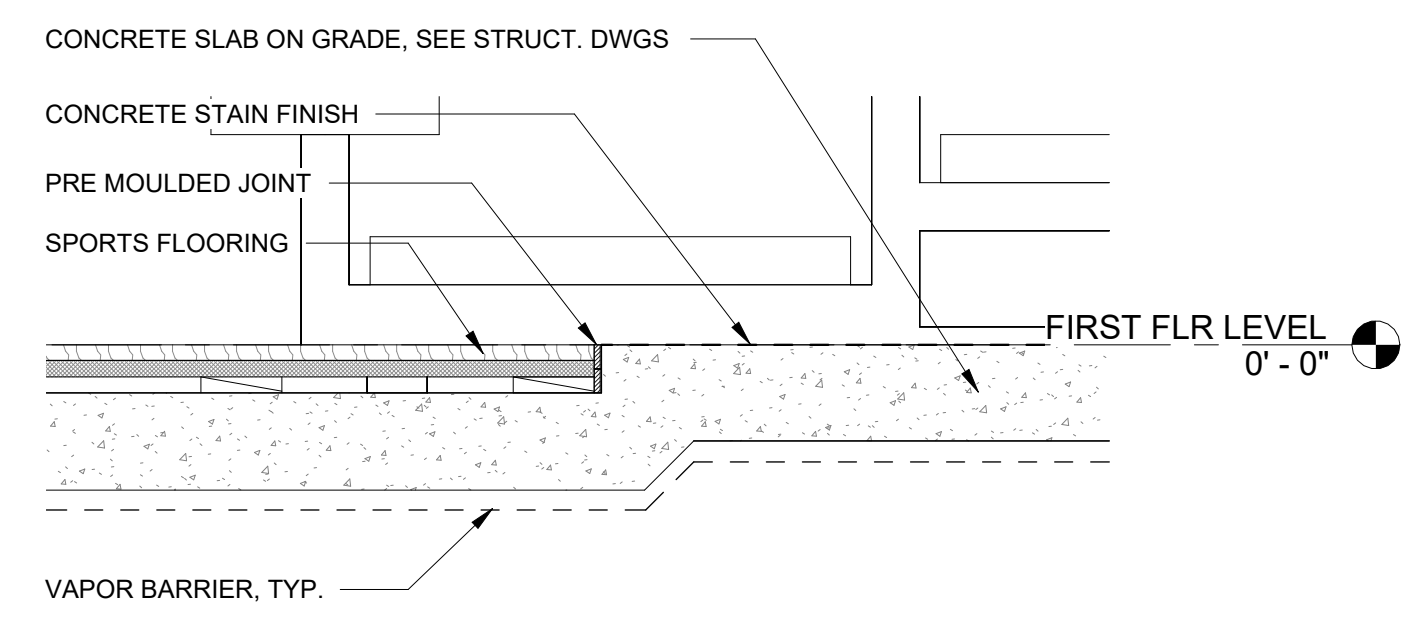
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE As indicated
CHECKED BY NR
SHEET NO.

1 ENLARGED CLASSROOMS FINISH PLAN
A9.04 1/4" = 1'-0"

A9.04



NOTE:
SEE 1/A7.03 FOR ACCENT WALL COLORS



2
SPORTS FLOORING SLAB RECESS DETAIL
AT GYM 02
1 1/2" = 1'-0"

1
ENLARGED GYM 02 FINISH PLAN
A9.05 3/16" = 1'-0"

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SHEET TITLE
ENLARGED GYM 02 FINISH PLAN

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
SCALE
CHECKED BY NR
As indicated

SHEET NO. A9.05

NOTE:
SEE 1/A7.03 FOR ACCENT WALL COLORS

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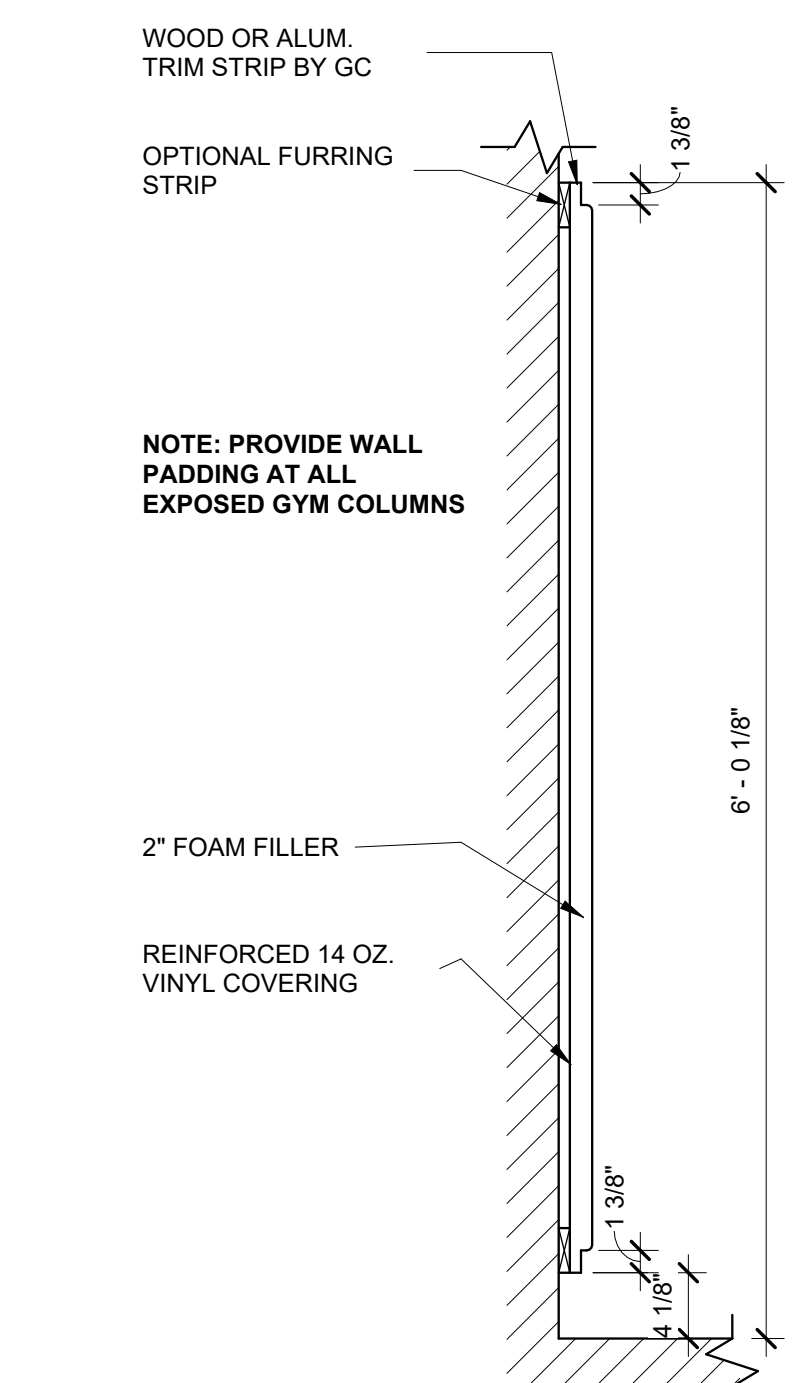
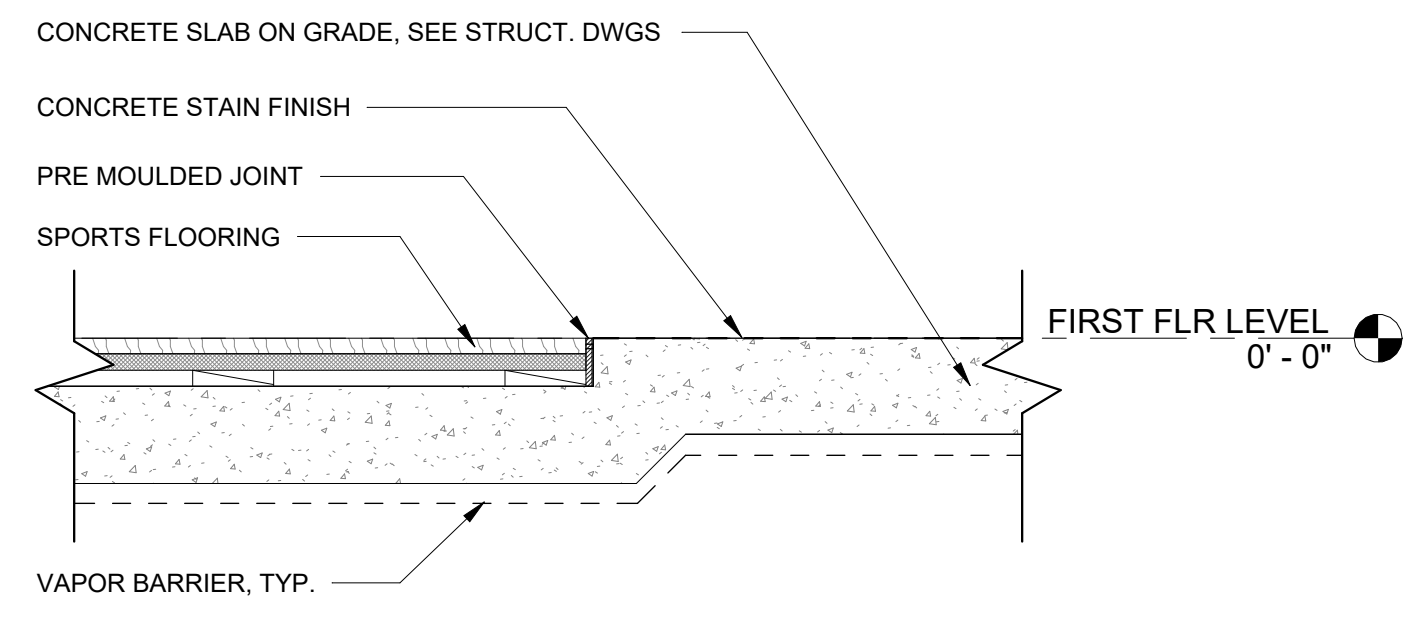
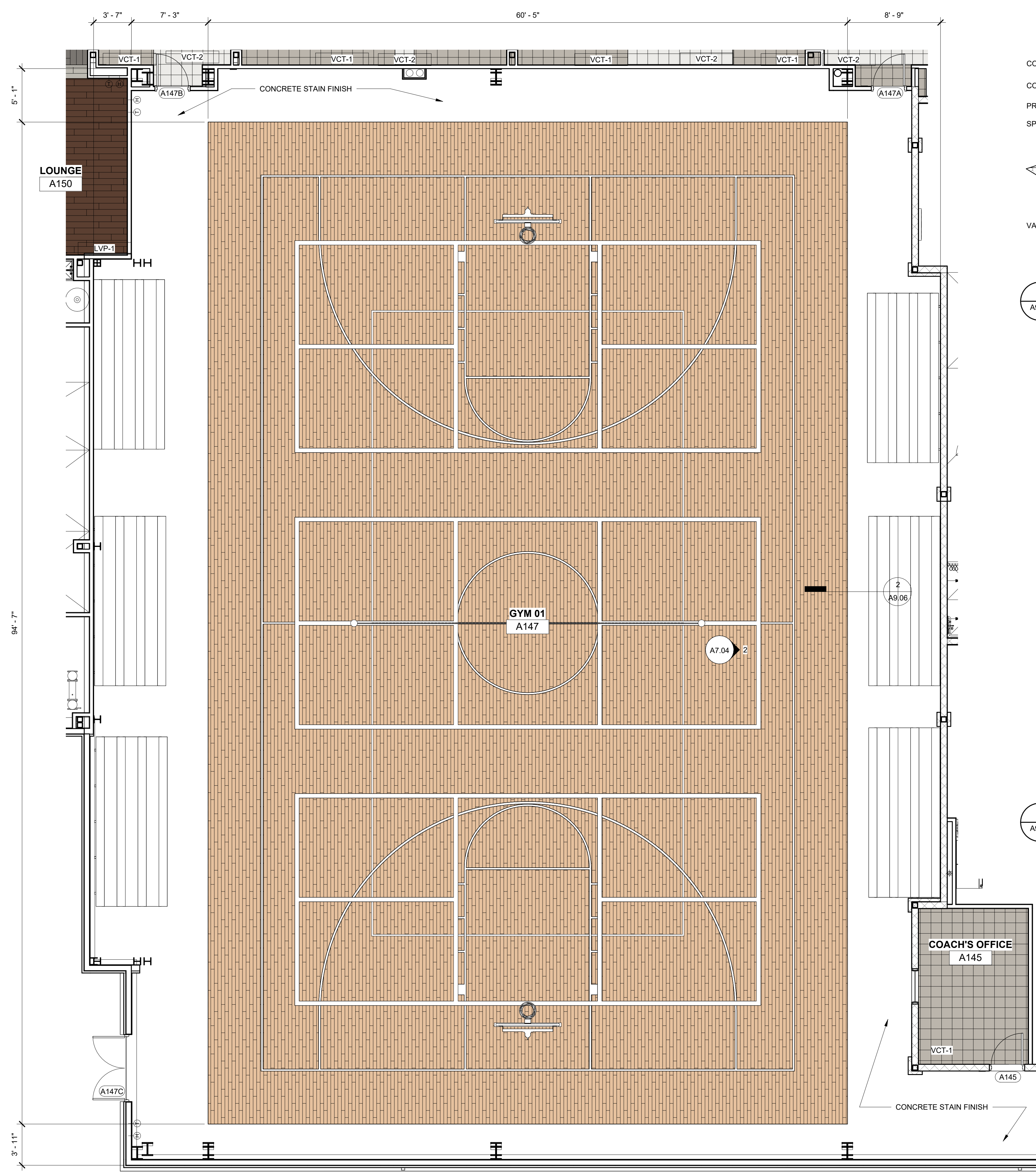
SHEET TITLE

**ENLARGED GYM 01
FINISH PLAN**

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE As indicated
CHECKED BY NR	
SHEET NO.	

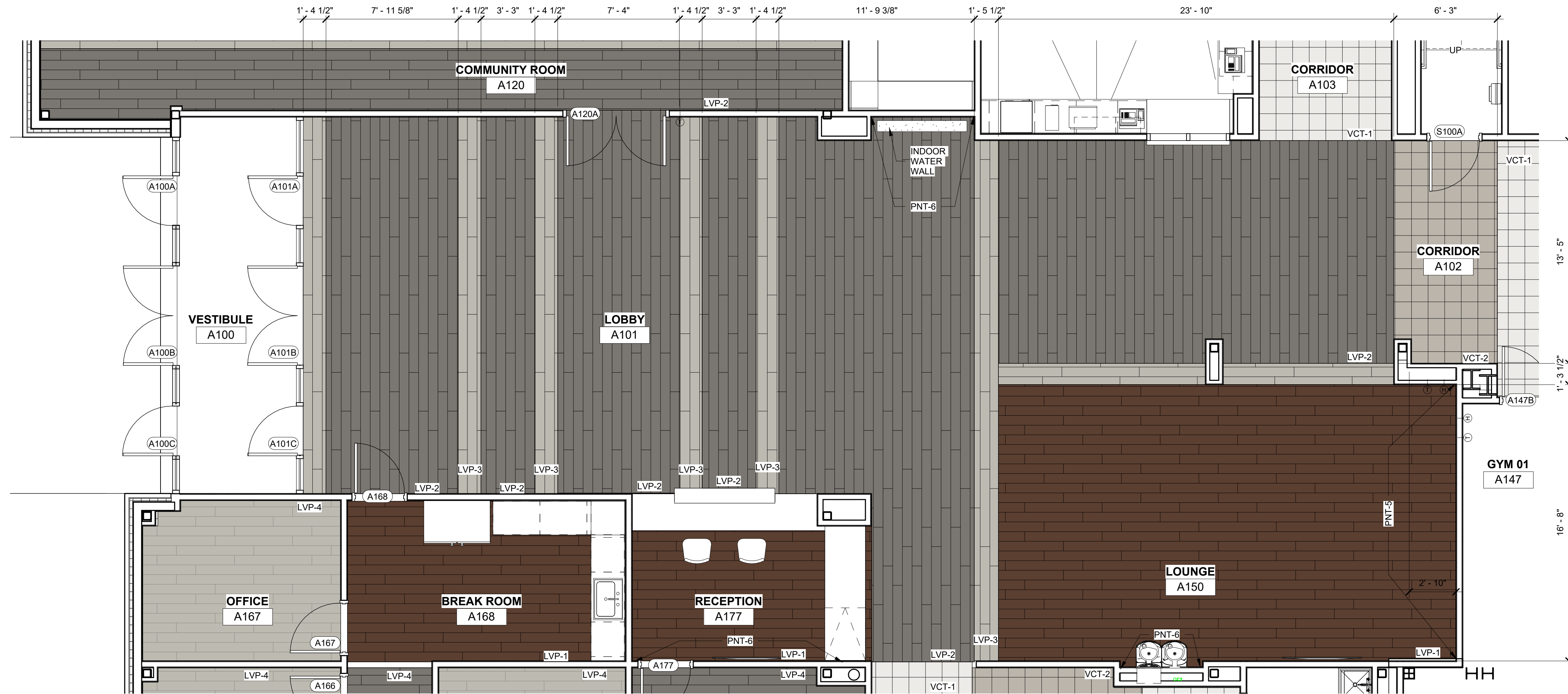
A9.06

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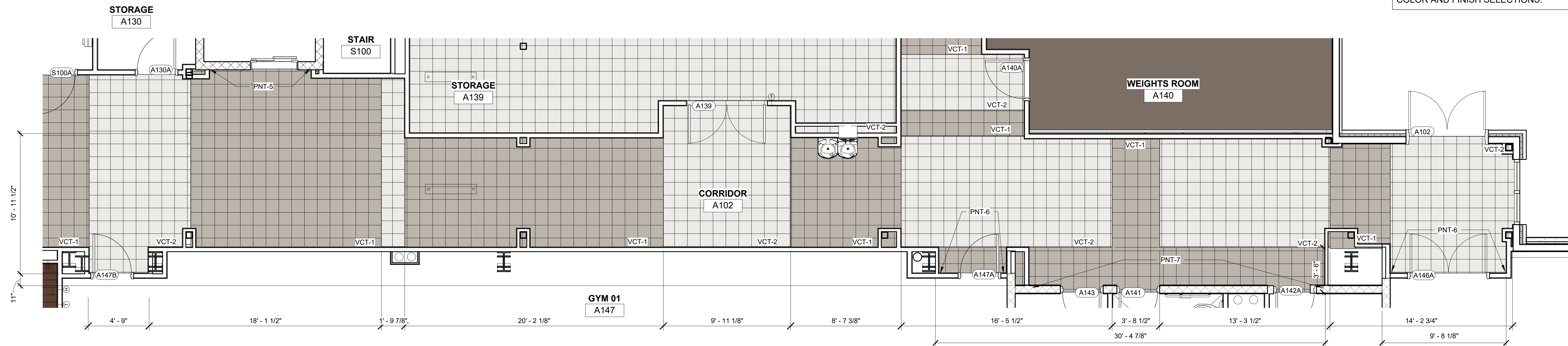


1
A9.06 3/16" = 1'-0"

ENLARGED GYM 01 FINISH PLAN





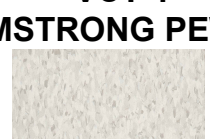


1 ENLARGED LOBBY FINISH PLAN
A9.07 1/4" = 1'-0"



2 ENLARGED CORRIDOR FINISH PLAN
A9.07 1/4" = 1'-0"

PATTERN PLAN KEY

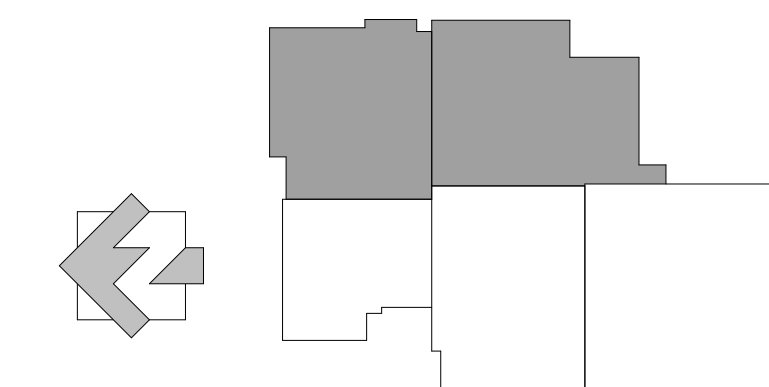
-  LVP-1
MSI PRESCOTT BRALY
-  LVP-2
MSI PRESCOTT KATELLA ASH
-  LVP-3
MSI ANDOVER WHITBY WHITE
-  LVP-4
MSI PRESCOTT GRAYTON
-  VCT-1
ARMSTRONG PEWTER
-  VCT-2
ARMSTRONG SILK

NOTE:
ALL FINISH PATTERN DIMENSIONS ARE APPROXIMATE. FINAL LVP FLOORING PATTERN WILL BE BASED ON 7" WIDE PLANKS AS APPROVED BY ARCHITECT.

NOTE:
SEE A9.02 FOR ADDITIONAL ACCENT WALL COLORS

NOTE:
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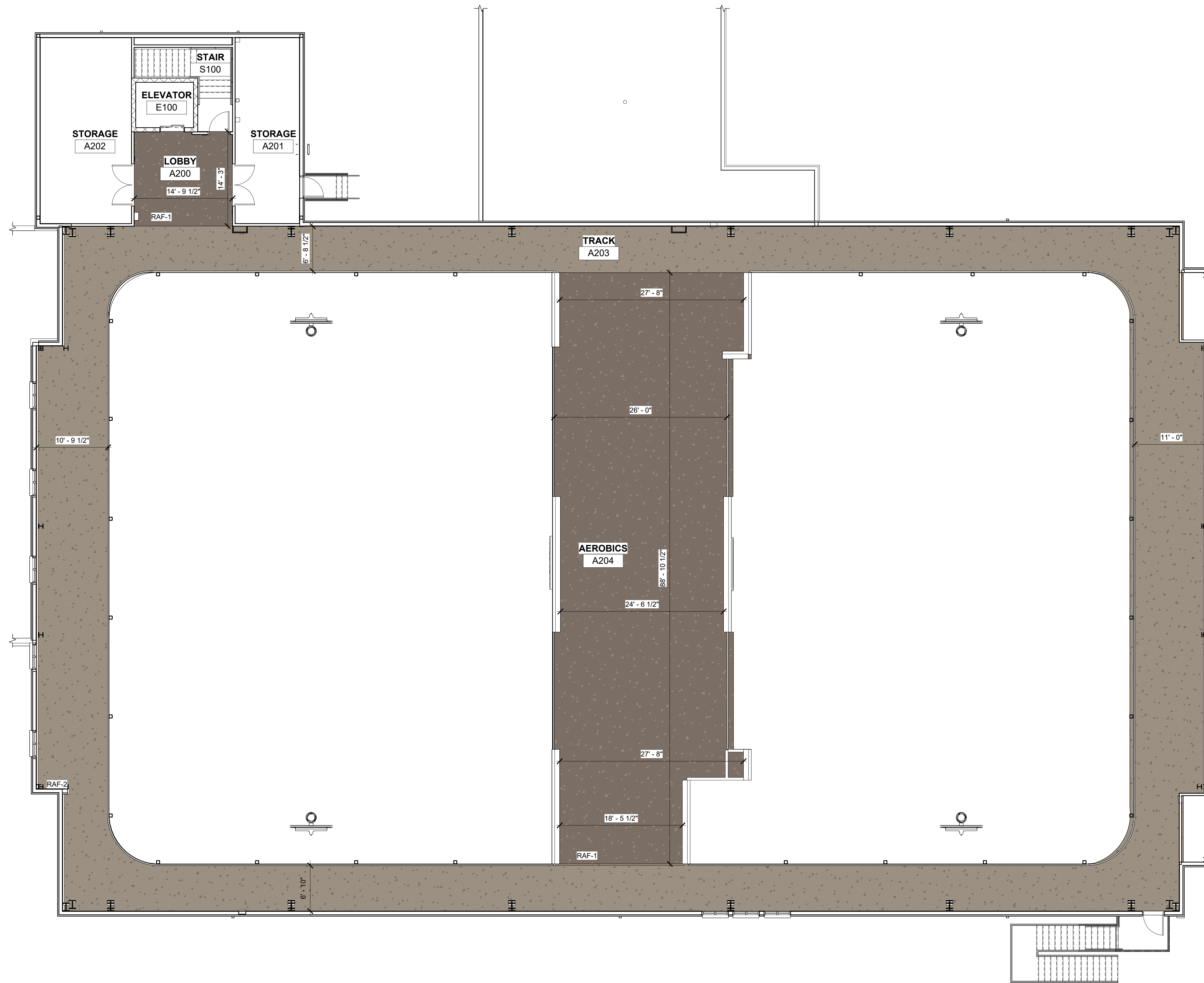
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**ENLARGED
CORRIDOR AND
LOBBY FINISH
PLANS**

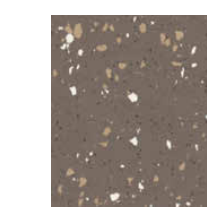
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SHEET NO. A9.07

DATE 06/21/2024
SCALE As indicated

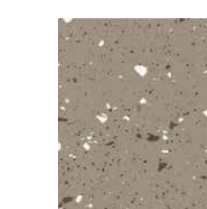
A9.07



PATTERN PLAN KEY



RAF-1
COCOA 932



RAF-2
DUSK 936

NOTE:
ROPPE 3/8" THICK TUFLEX SPARTUS
RUBBER ATHLETIC FLOORING

NOTE:
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WALL TILE, OR OTHER INTERIOR
FINISHES TO OWNER FOR APPROVAL
PRIOR TO ORDERING OR INSTALLING
COLOR AND FINISH SELECTIONS.

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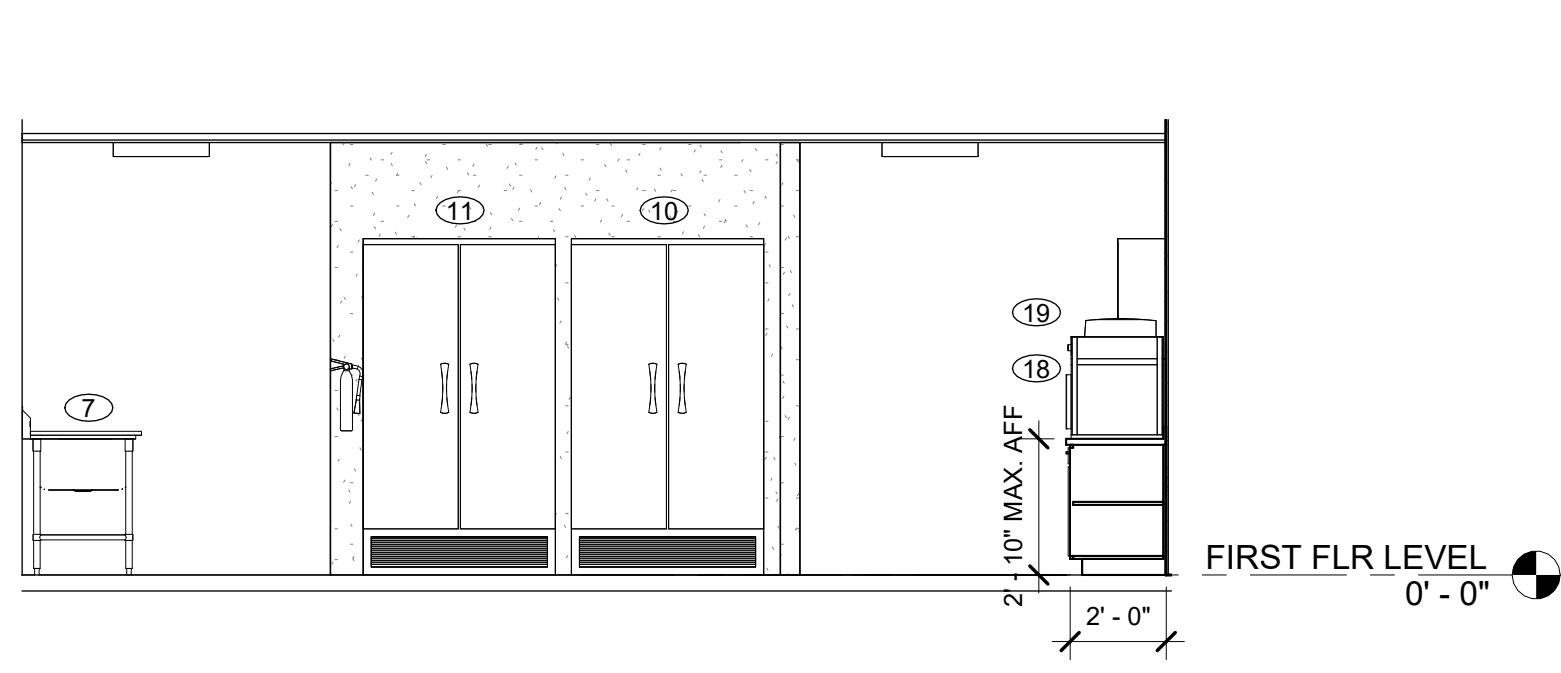
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SHEET TITLE
**MEZZANINE FINISH
PLAN**

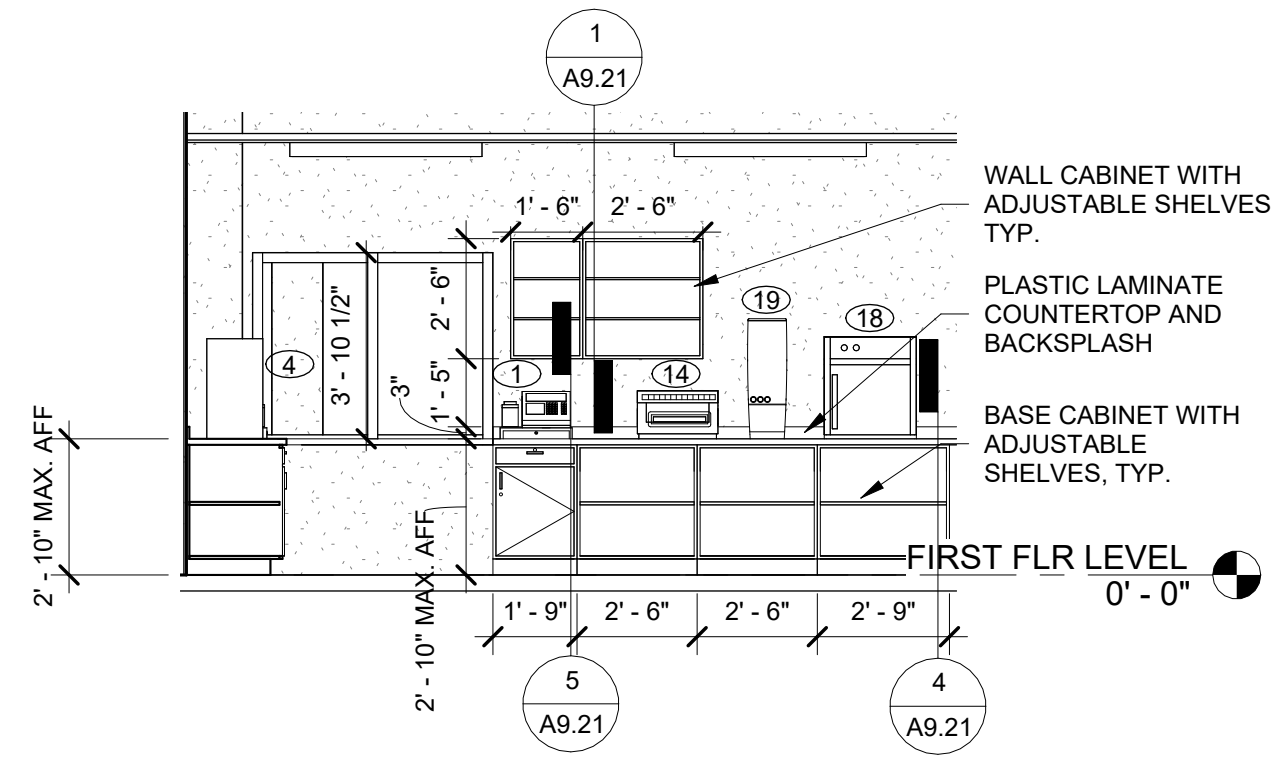
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY STAFF	SCALE 1/8" = 1'-0"
CHECKED BY NR	
SHEET NO.	

A9.08

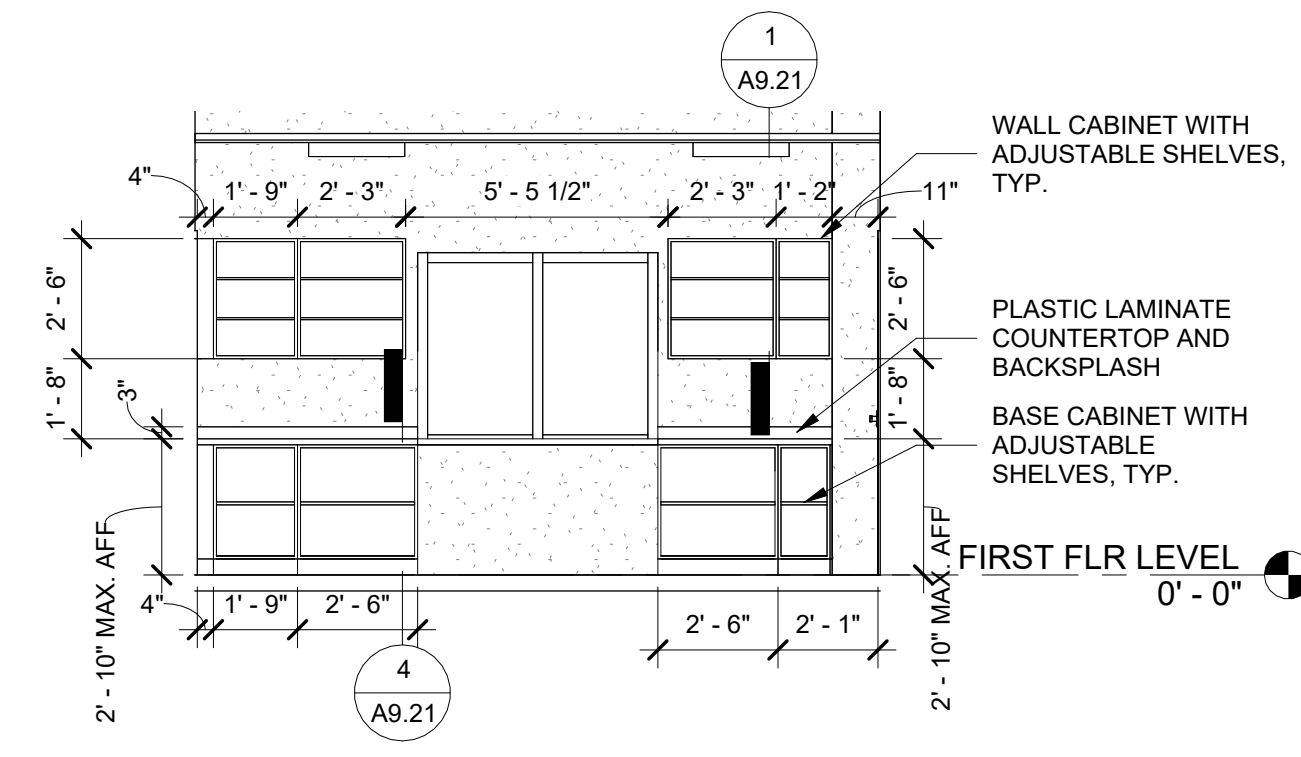
1 MEZZANINE FINISH PLAN
A9.08 1/8" = 1'-0"



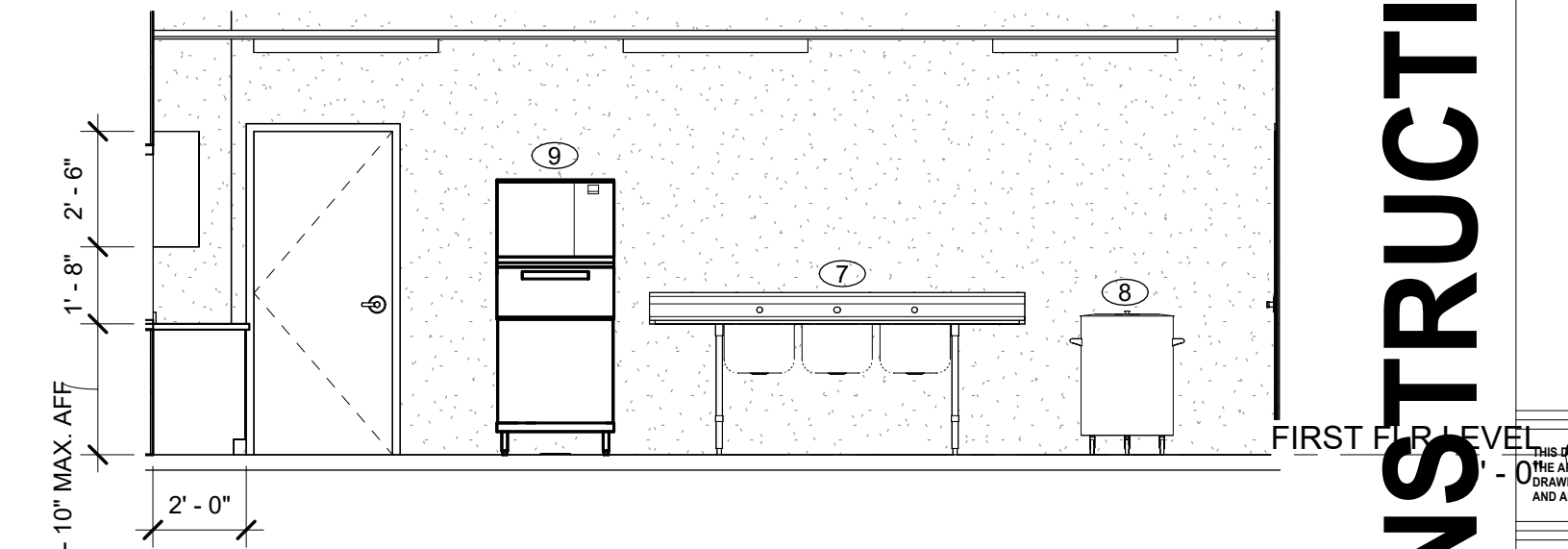
1 WARMING KITCHEN - A
A9.11 1/4" = 1'-0"



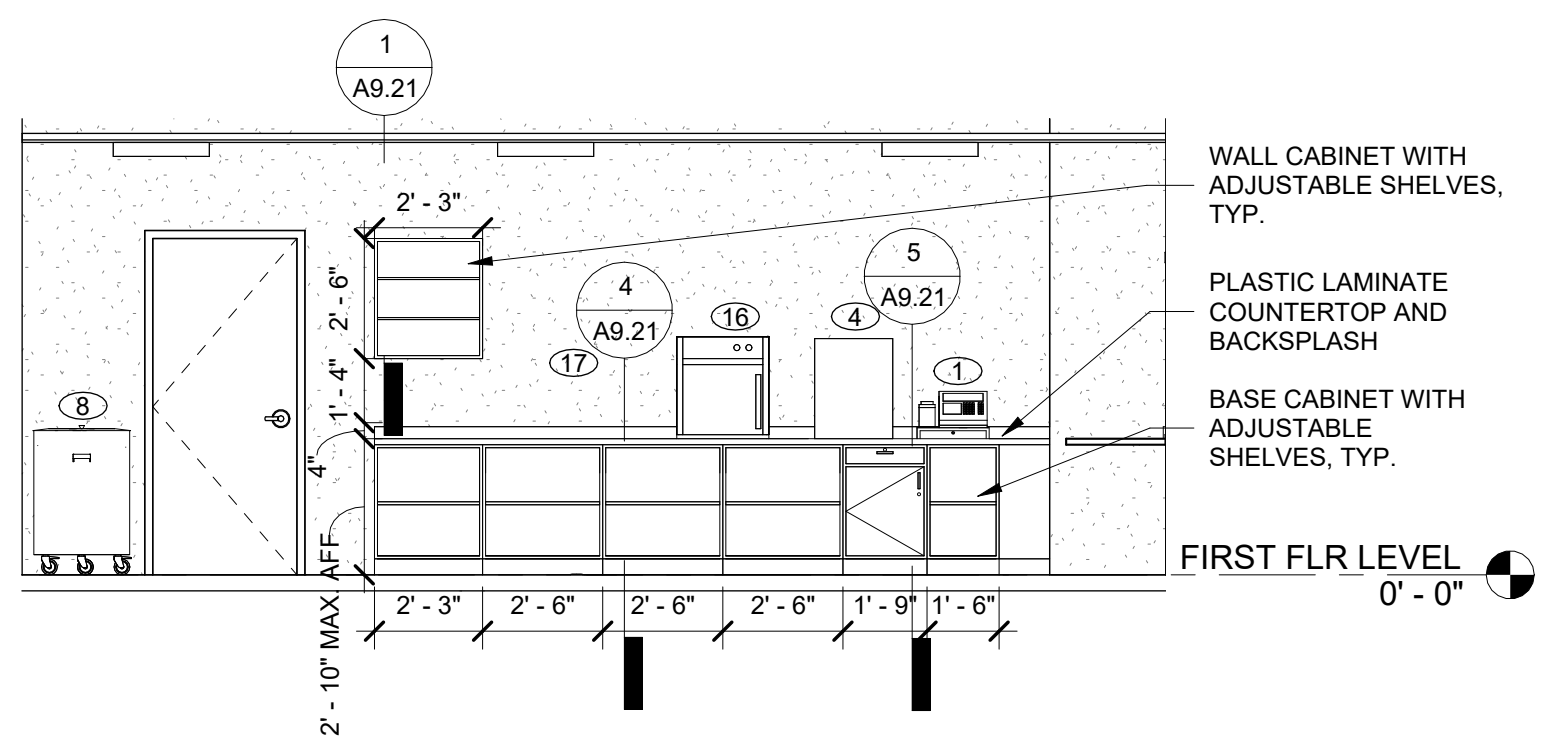
2 WARMING KITCHEN - B
A9.11 1/4" = 1'-0"



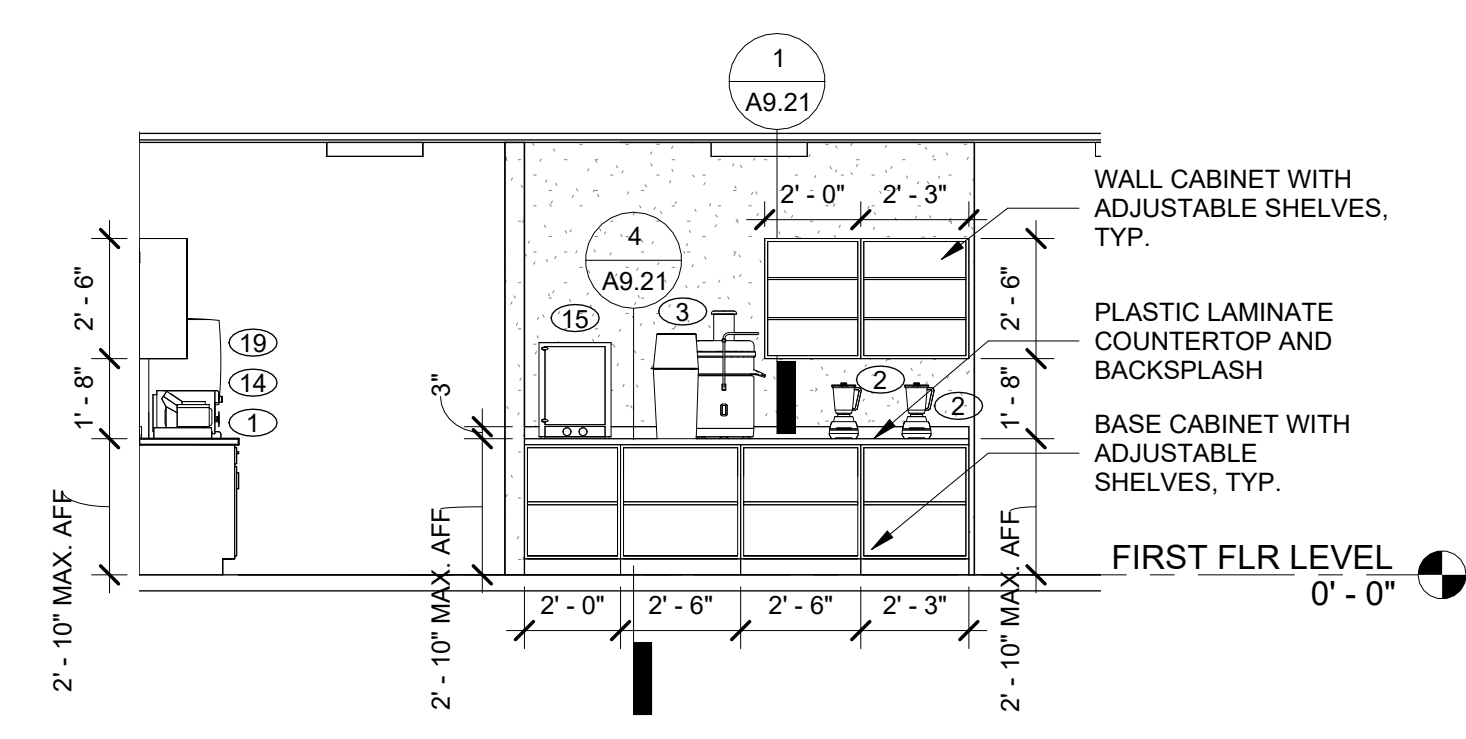
3 WARMING KITCHEN - C
A9.11 1/4" = 1'-0"



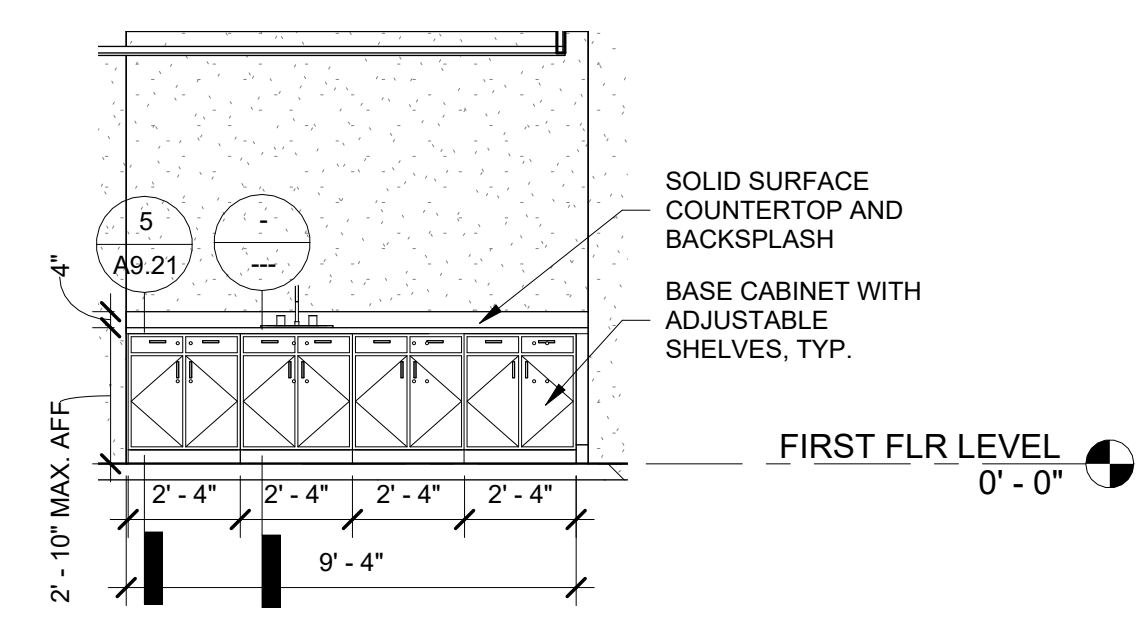
4 WARMING KITCHEN - D
A9.11 1/4" = 1'-0"



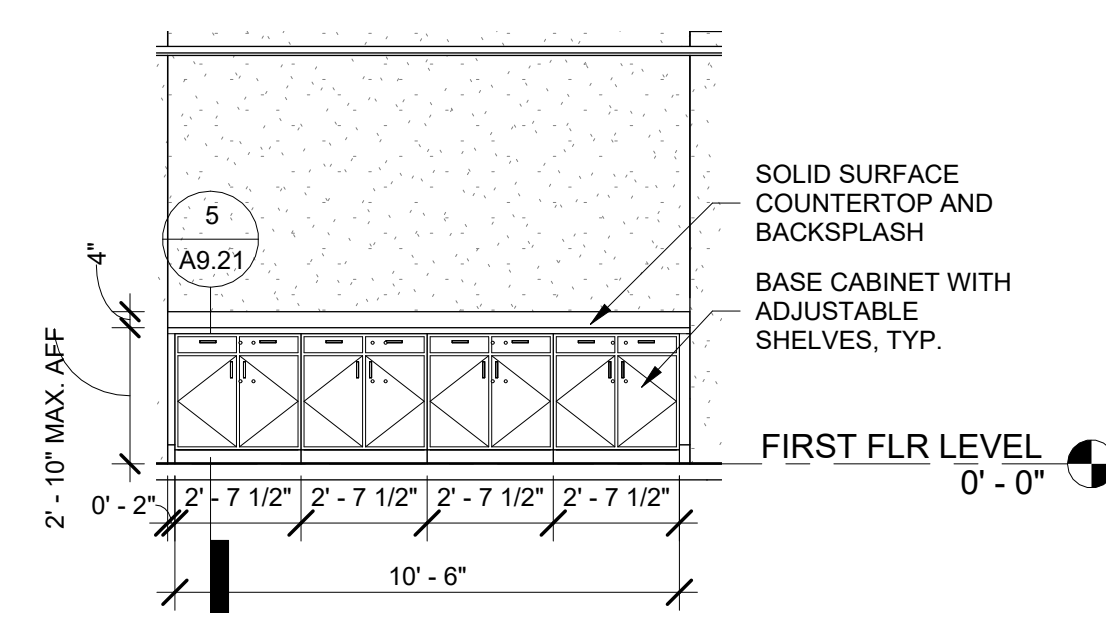
5 WARMING KITCHEN - E
A9.11 1/4" = 1'-0"



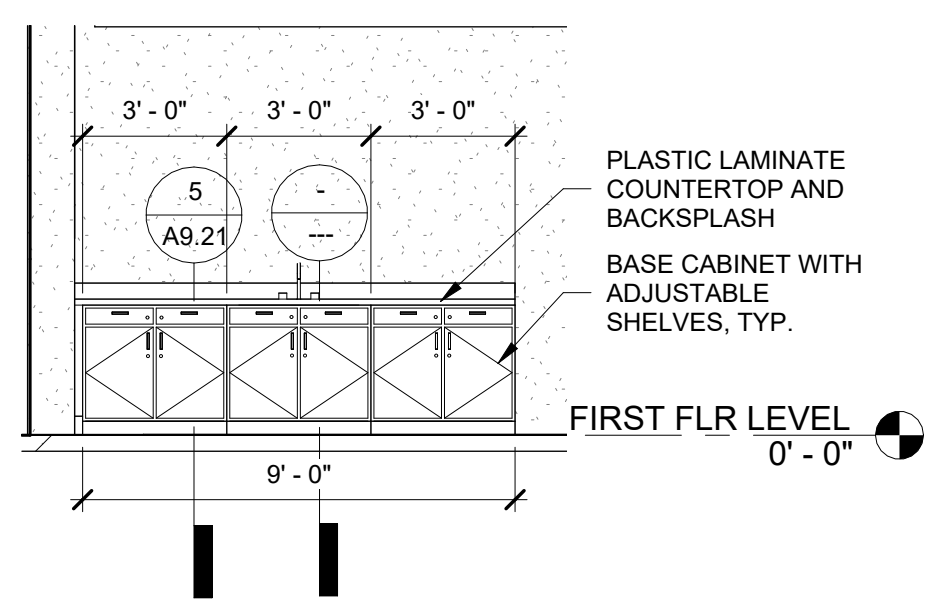
6 WARMING KITCHEN - F
A9.11 1/4" = 1'-0"



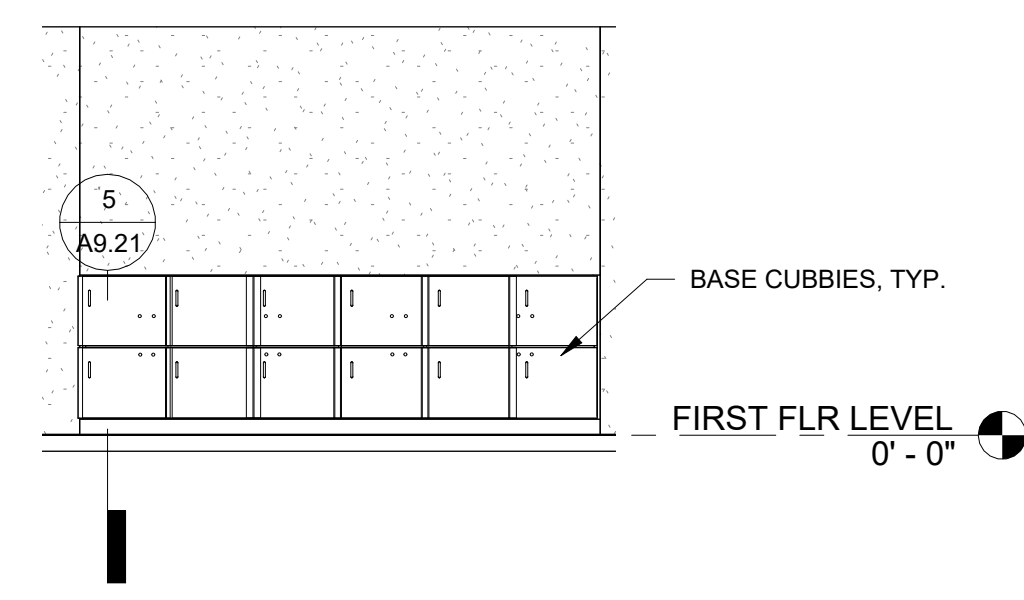
7 CLASSROOM - A
A9.11 1/4" = 1'-0"



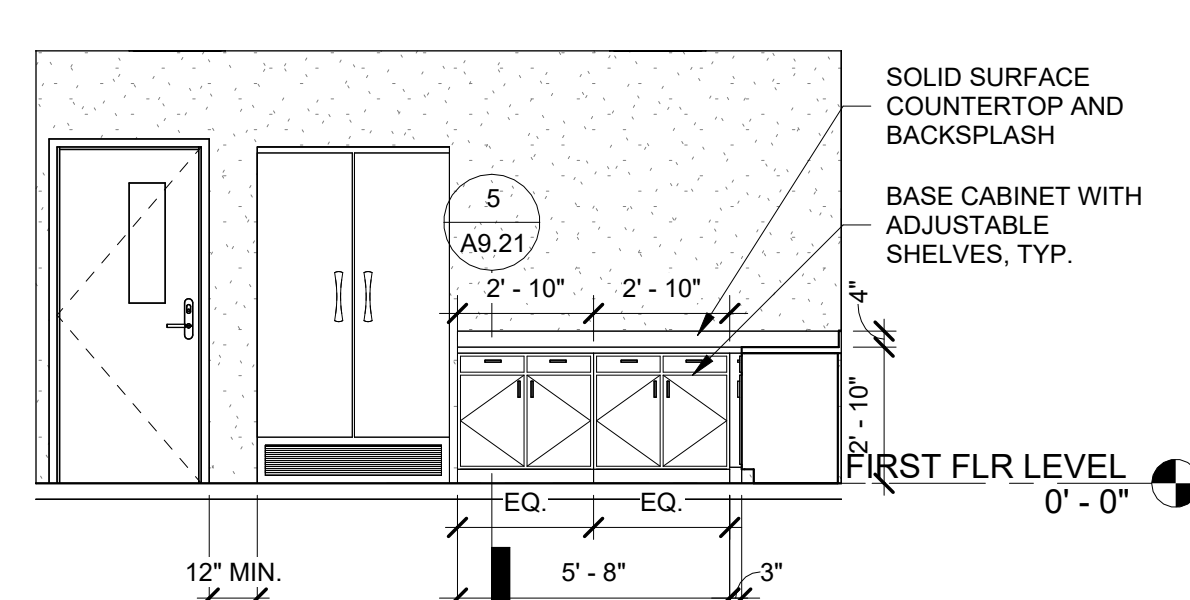
8 CLASSROOM - B
A9.11 1/4" = 1'-0"



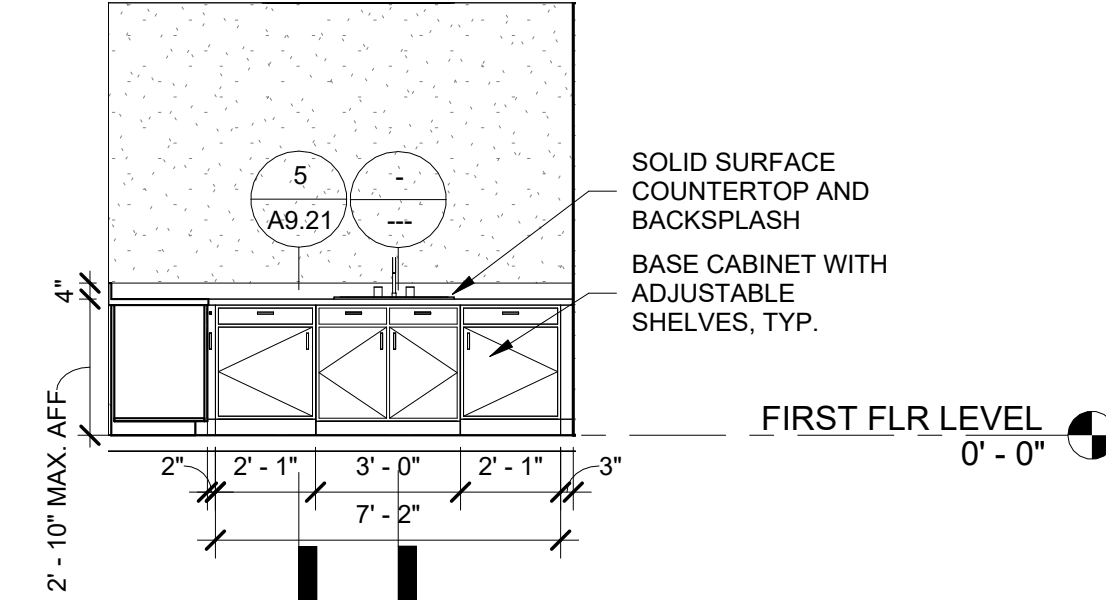
9 ARTS & CRAFTS CLASSROOM - A
A9.11 1/4" = 1'-0"



10 DANCE CLASSROOM - A
A9.11 1/4" = 1'-0"



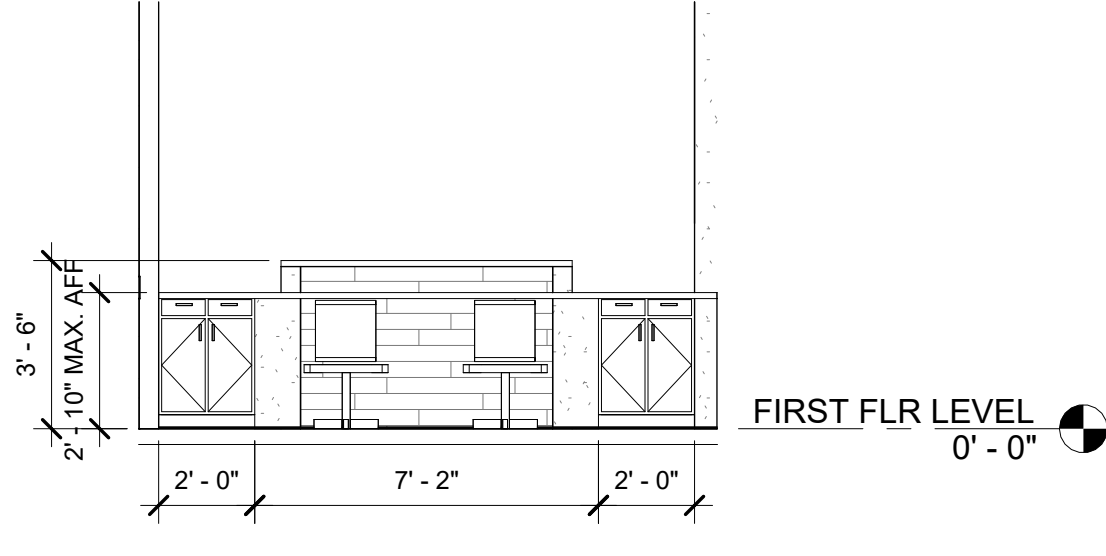
11 BREAKROOM - A
A9.11 1/4" = 1'-0"



12 BREAKROOM - B
A9.11 1/4" = 1'-0"



13 MEETING ROOM - A
A9.11 1/4" = 1'-0"



14 RECEPTION DESK
A9.11 1/4" = 1'-0"

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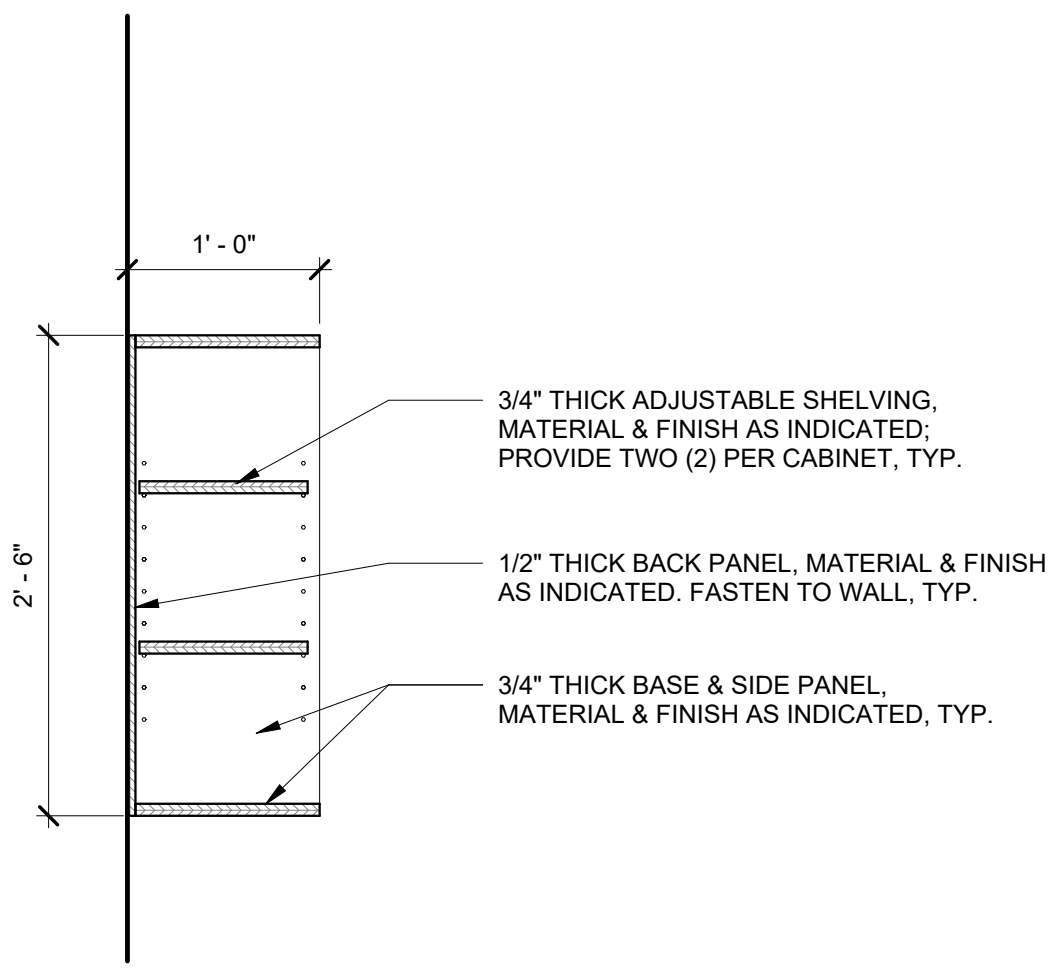
SUBMITTALS / REVISIONS
NO. DATE DESCRIPTION

CD PROGRESS

SHEET TITLE
**MILLWORK
ELEVATIONS**

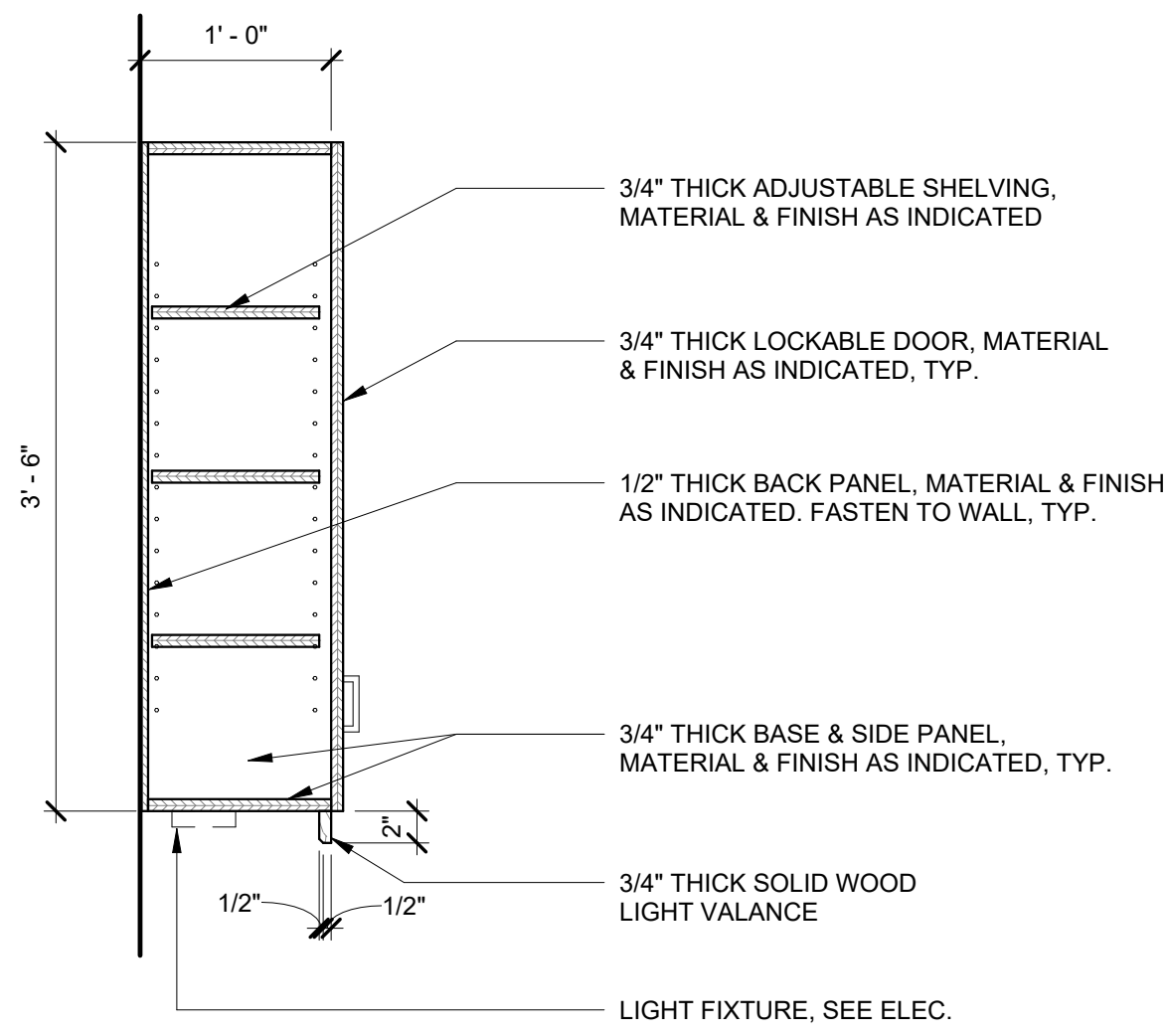
PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY STAFF
CHECKED BY NR
SCALE 1/4" = 1'-0"
SHEET NO.

A9.11



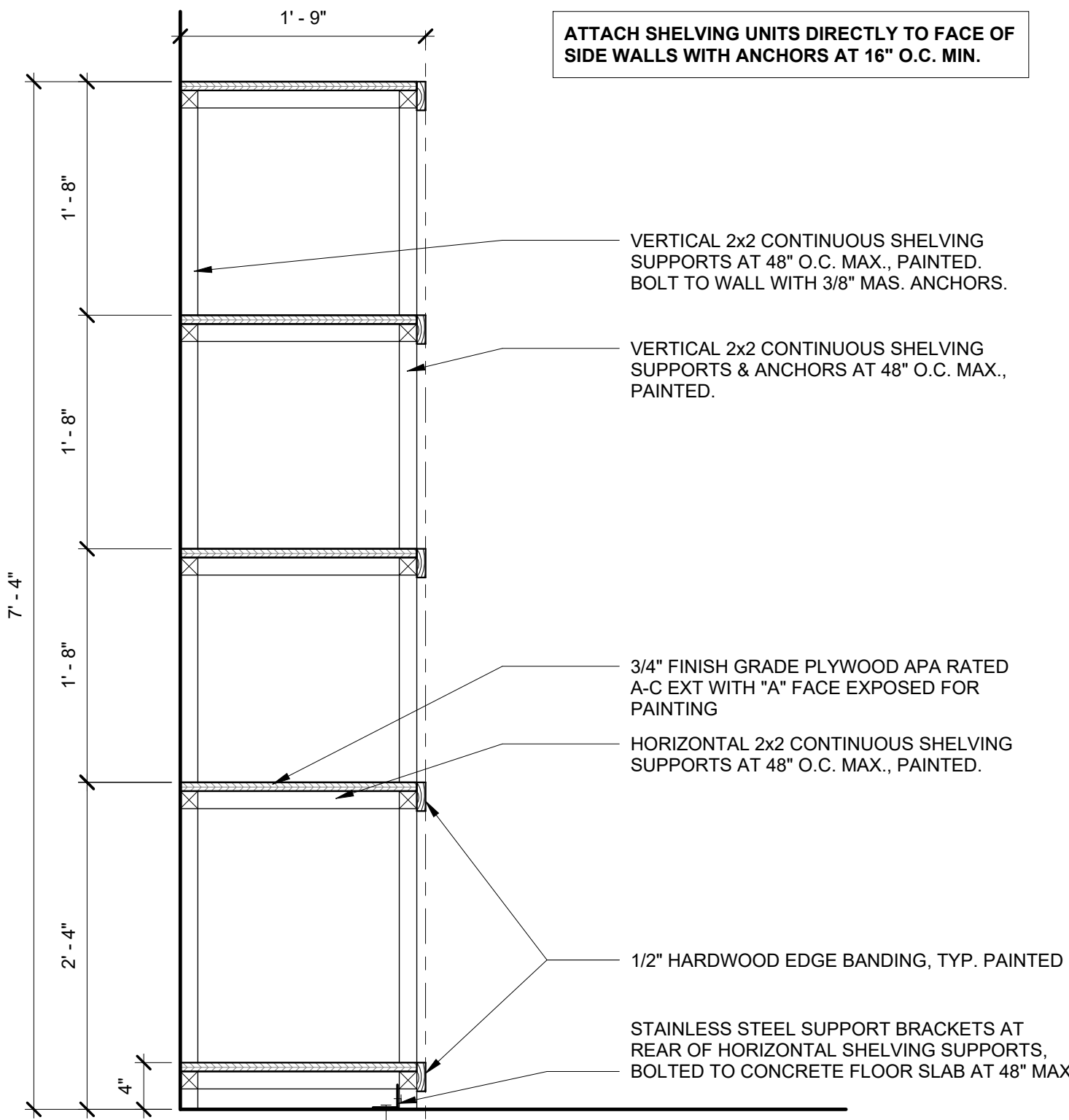
1 SECTION DETAIL AT CONCESSIONS OPEN WALL CABINET

A9.21 1" = 1'-0"



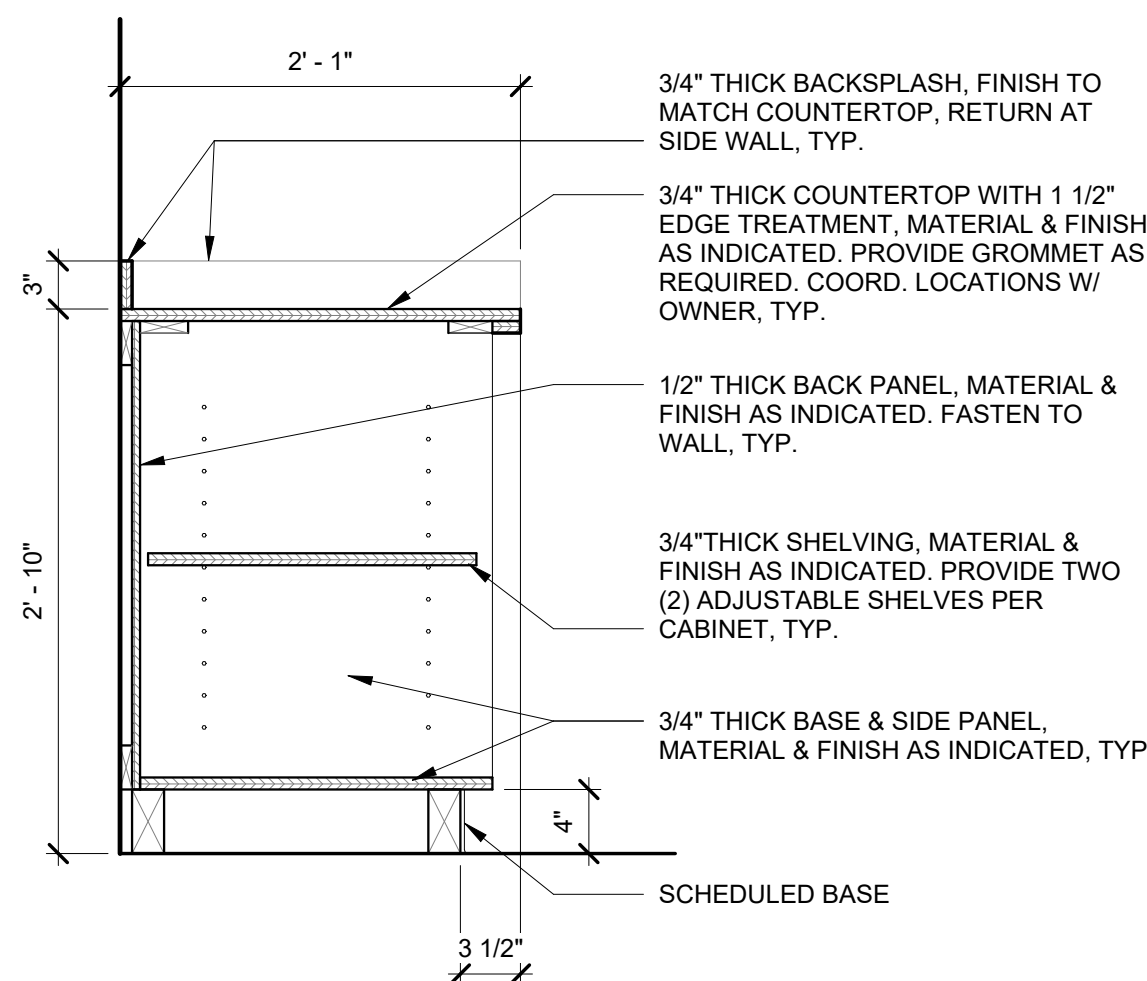
2 SECTION DETAIL AT TYPICAL WALL CABINET WITH DOOR

A9.21 1" = 1'-0"



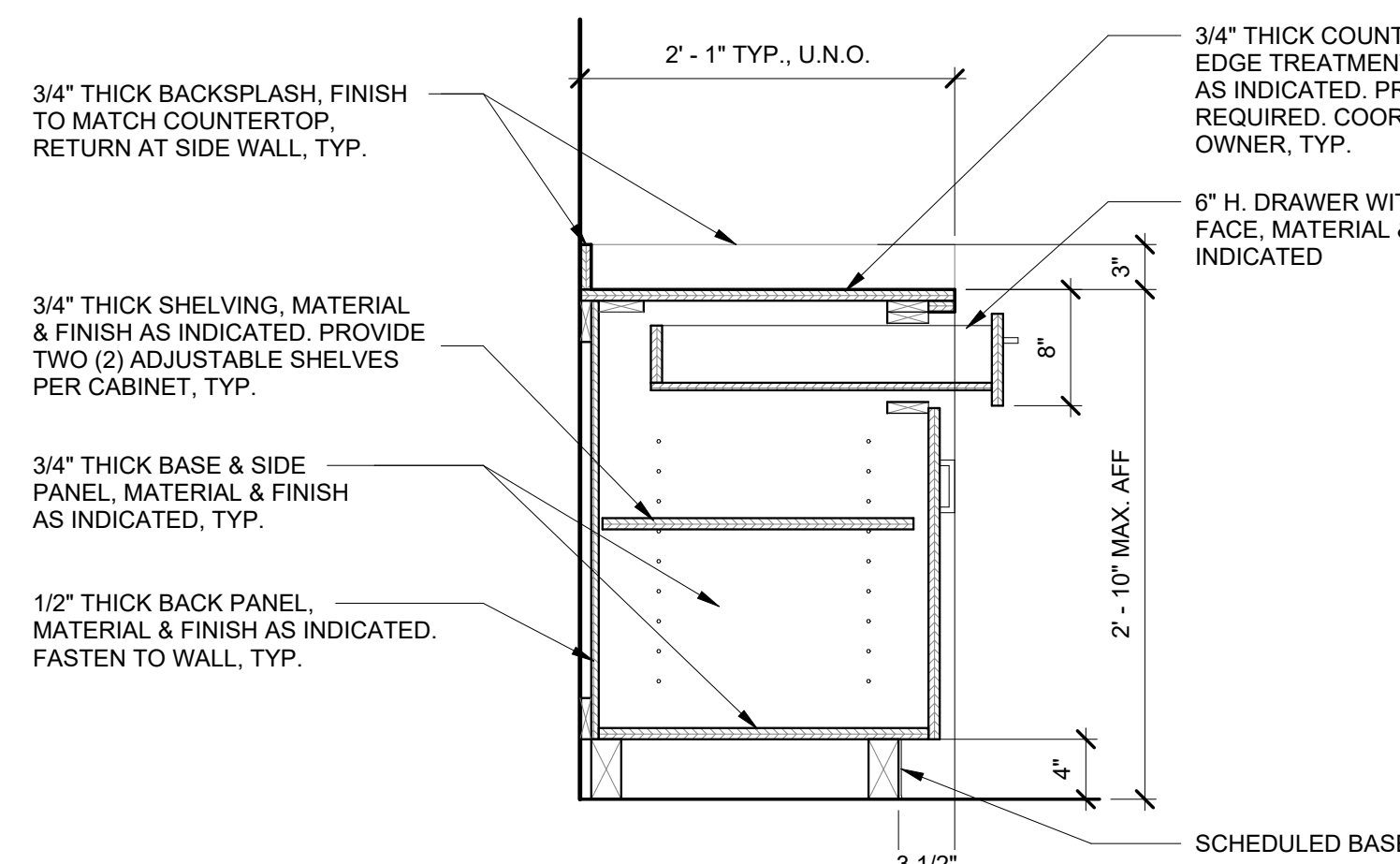
3 SECTION DETAIL AT TALL OPEN SHELVING

A9.21 1" = 1'-0"



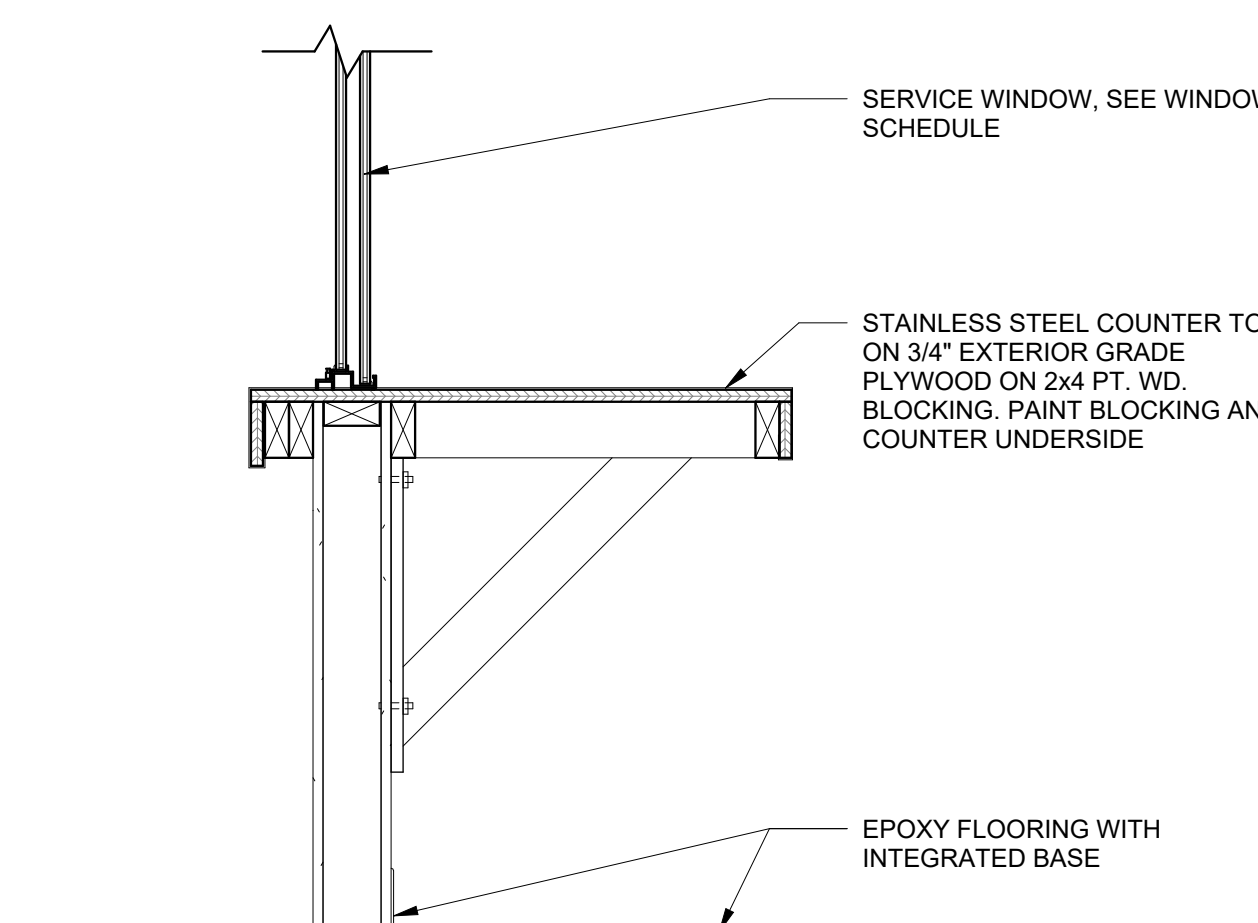
4 SECTION DETAIL AT OPEN BASE CABINET

A9.21 1" = 1'-0"



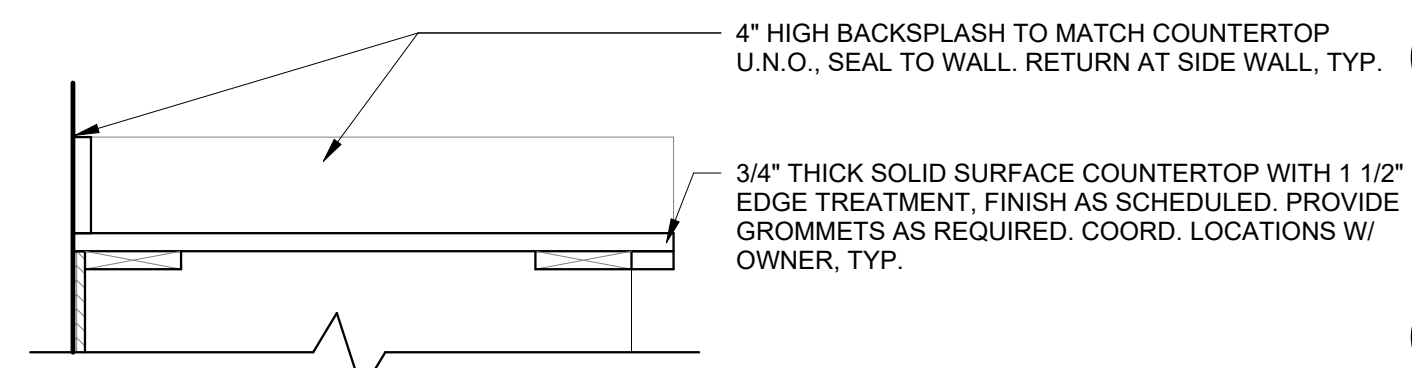
5 SECTION DETAIL AT BASE CABINET WITH DRAWER

A9.21 1" = 1'-0"

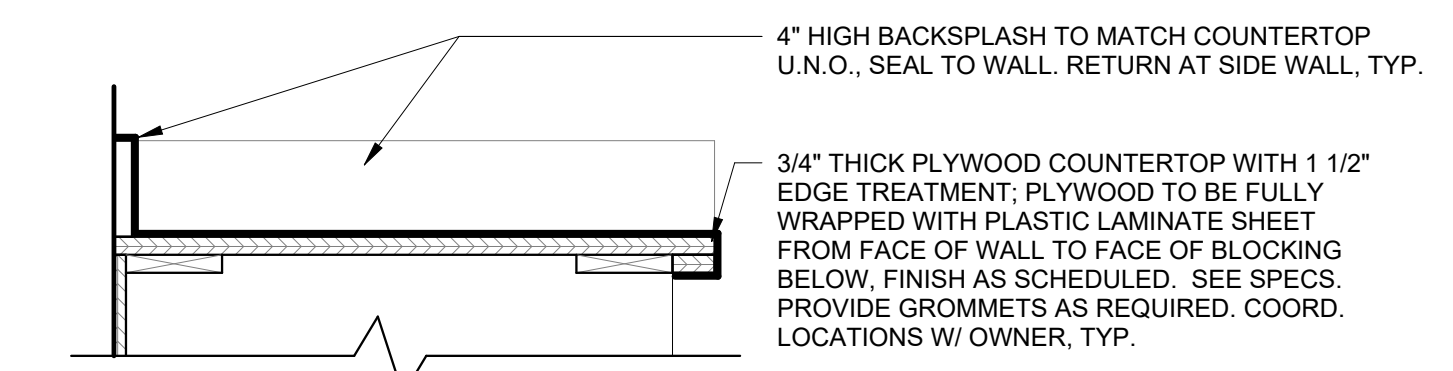


6 SECTION DETAIL AT SERVING COUNTER

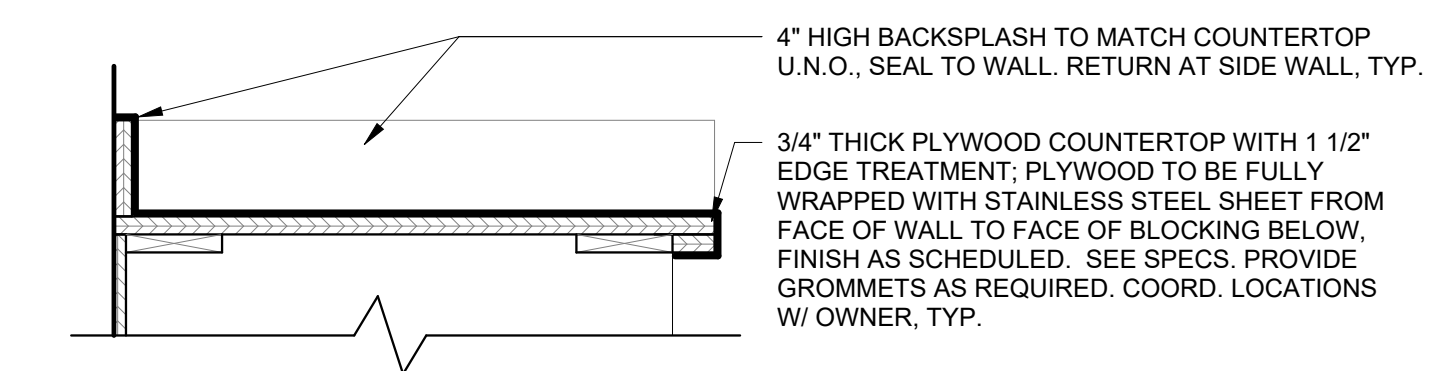
A9.21 1" = 1'-0"



A - SOLID SURFACE COUNTERTOP



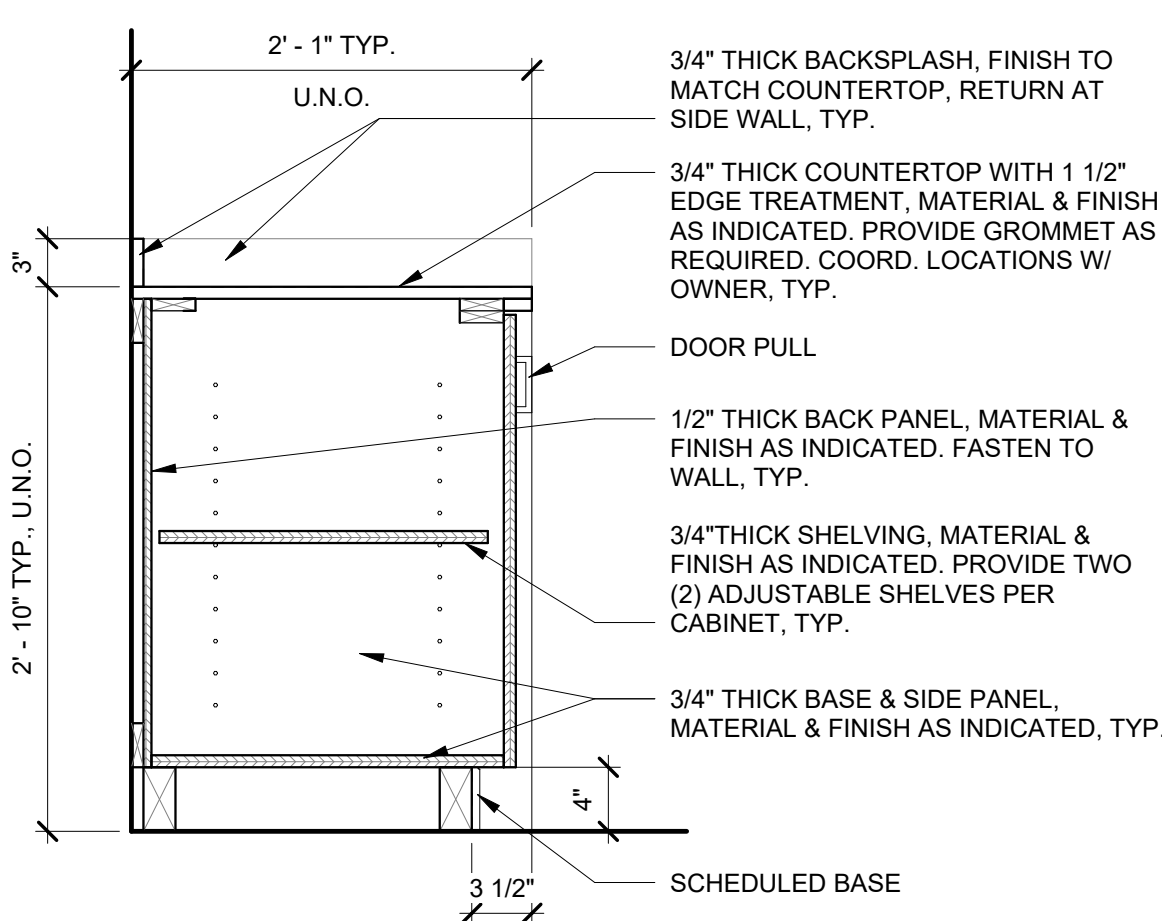
B - PLASTIC LAMINATE COUNTERTOP



C - STAINLESS STEEL COUNTERTOP

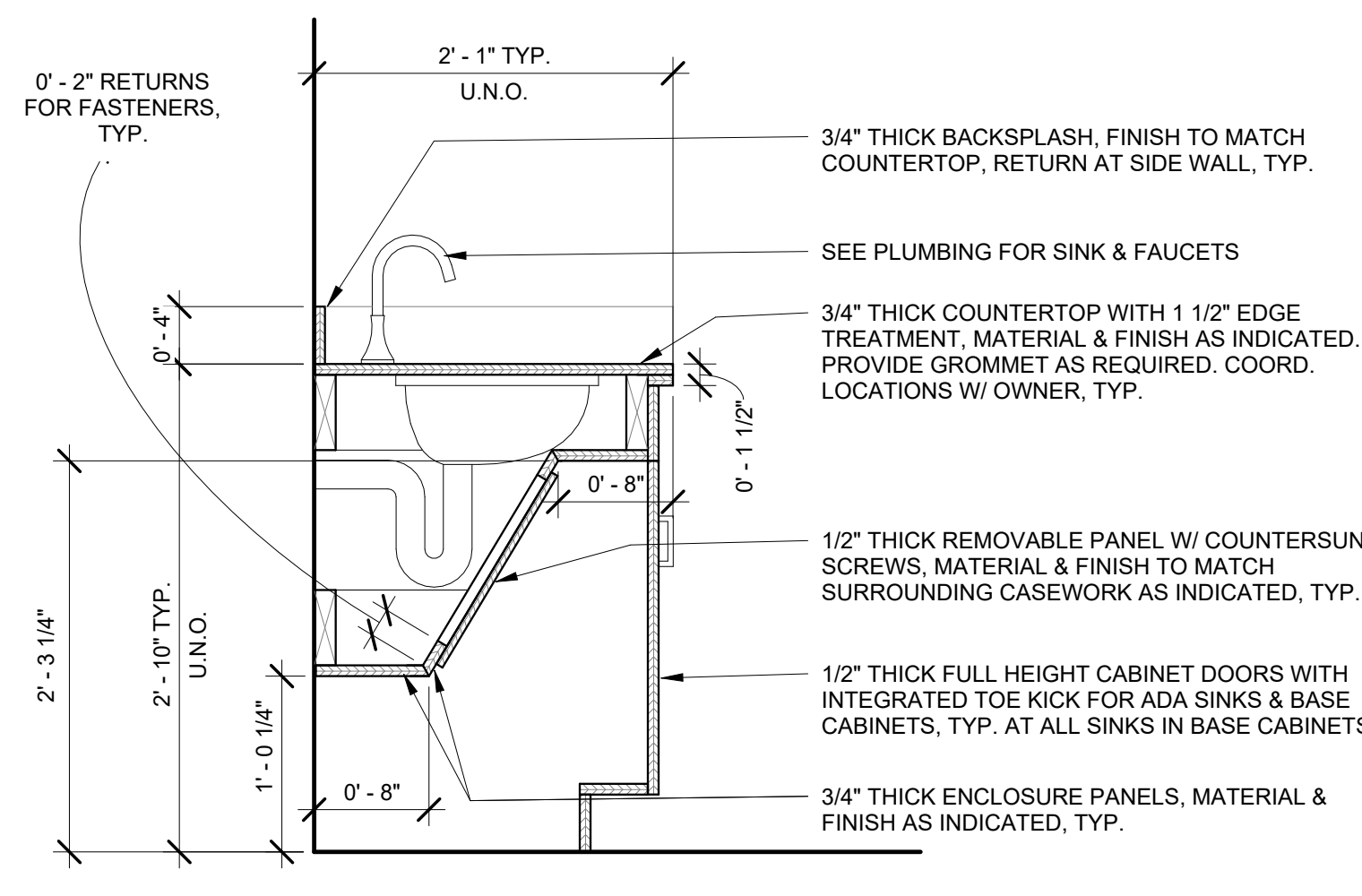
7 COUNTERTOP DETAILS

A9.21 1 1/2" = 1'-0"



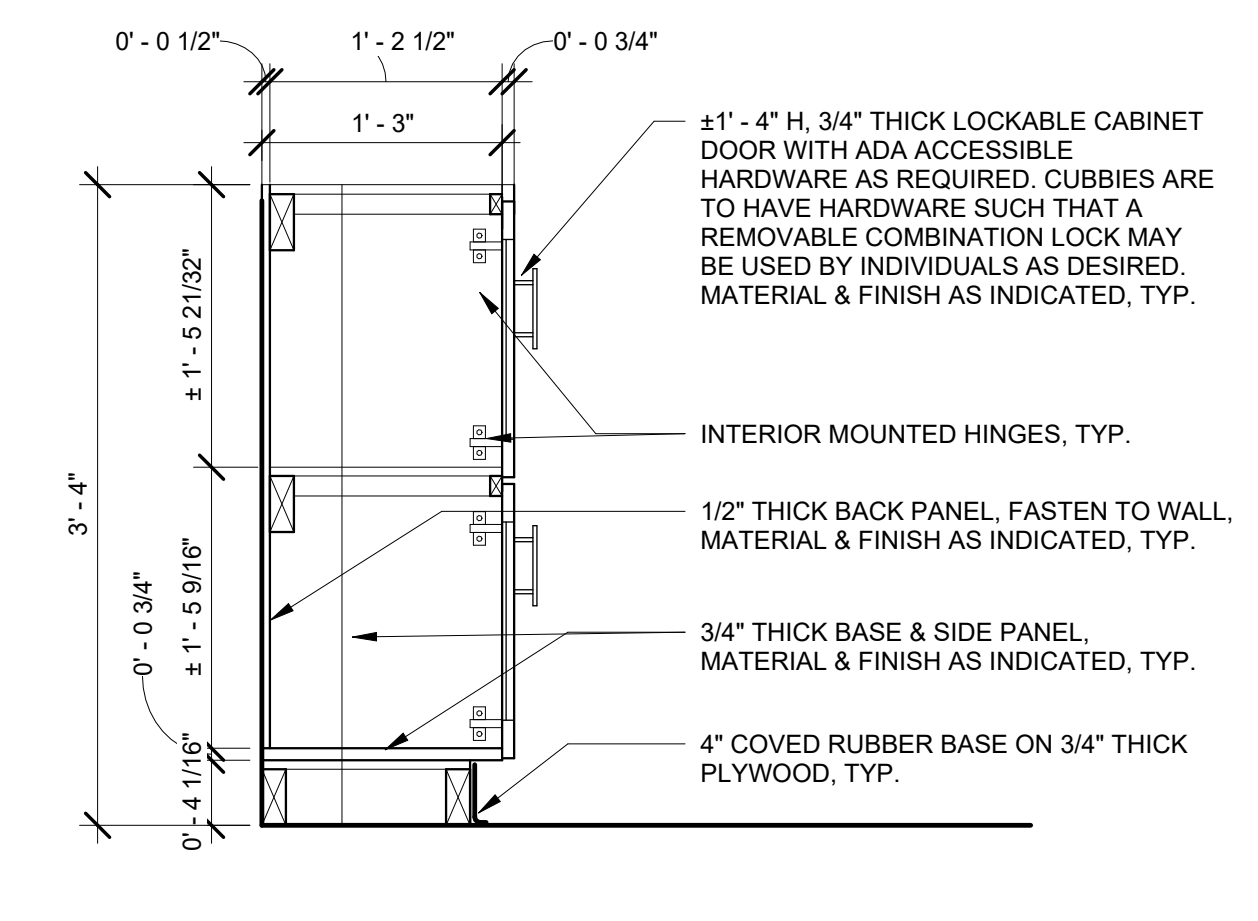
8 SECTION DETAIL AT BASE CABINET WITH DOOR

A9.21 1" = 1'-0"



9 COUNTERTOP FOR ADA SINK WITH CABINET DOORS

A9.21 1" = 1'-0"



10 CUBBIES DETAIL

A9.21 1" = 1'-0"

CABINET NOTES

- CABINET DETAILS / SECTIONS ARE SHOWN FOR DESIGN INTENT ONLY.
- ALL EXPOSED INSIDE CABINET SURFACES TO BE WHITE MELAMINE LAMINATE, U.N.O.
- PROVIDE GROMMETS AT ALL UNDERCOUNTER ELECTRICAL OUTLET LOCATIONS.
- PROVIDE CLEAR SEALANT BETWEEN ALL CABINET AND WALL SURFACES.
- PLYWOOD COUNTERTOP TO RECEIVE SINK SHALL BE APA MARINE GRADE.
- COUNTERTOP HEIGHT AT WORKSPACE SHALL BE 2' - 6" A.F.F. U.N.O., ALL OTHERS SHALL BE 2' - 10", U.N.O.
- ALL DRAWERS AND CABINETS SHALL BE LOCKABLE, U.N.O.
- CABINET FINISHES TO BE AS FOLLOWS:
 - PLASTIC LAMINATE OR STAINLESS STEEL COUNTERTOP FINISH OVER 3/4" PLYWOOD WITH 1 1/2" EDGE TREATMENT AND 3" BACKSPASH, COLOR & FINISH AS NOTED IN SCHEDULES, DRAWINGS, & SPECS.
 - SOLIDS SURFACE COUNTERTOP WITH 1 1/2" EDGE TREATMENT AND 3" BACKSPASH, COLOR & FINISH AS NOTED IN SCHEDULES, DRAWINGS, & SPECS.
 - 3/4" PLYWOOD WITH PLASTIC LAMINATE FINISH FOR BASE CABINETS (DOORS, DRAWERS, SIDE/END PANELS), COLOR & FINISH AS NOTED IN SCHEDULES, DRAWINGS, & SPECS.
 - 3/4" PLYWOOD WITH PLASTIC LAMINATE FINISH FOR SUPPORT BRACKETS, COLOR & FINISH AS NOTED IN SCHEDULES, DRAWINGS, & SPECS.
 - 3/4" PLYWOOD WITH PLASTIC LAMINATE FINISH FOR UPPER CABINETS, COLOR & FINISH AS NOTED IN SCHEDULES, DRAWINGS, & SPECS.

NOT FOR CONSTRUCTION

LOSE DESIGN
SPACES FOR LIFE.

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FAYETTE MULTI-USE FACILITY

GEORGIA

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FAYETTE COUNTY

FAYETTE COUNTY

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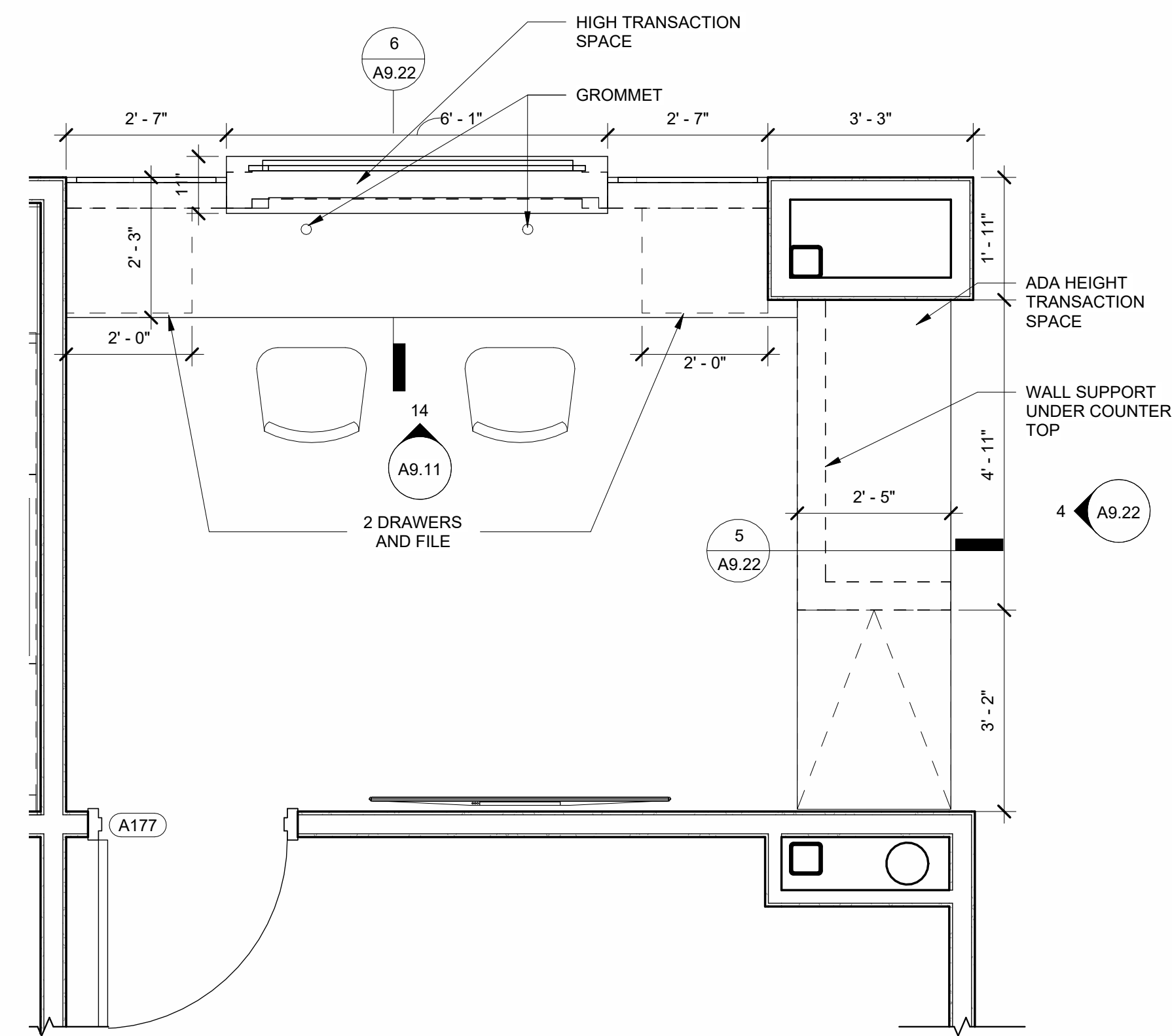
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SHEET TITLE

MILLWORK DETAILS

PROJECT NO. 21091	DATE 06/21/2024
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A9.21



1 RECEPTION DESK PLAN
A9.22 1/2" = 1'-0"



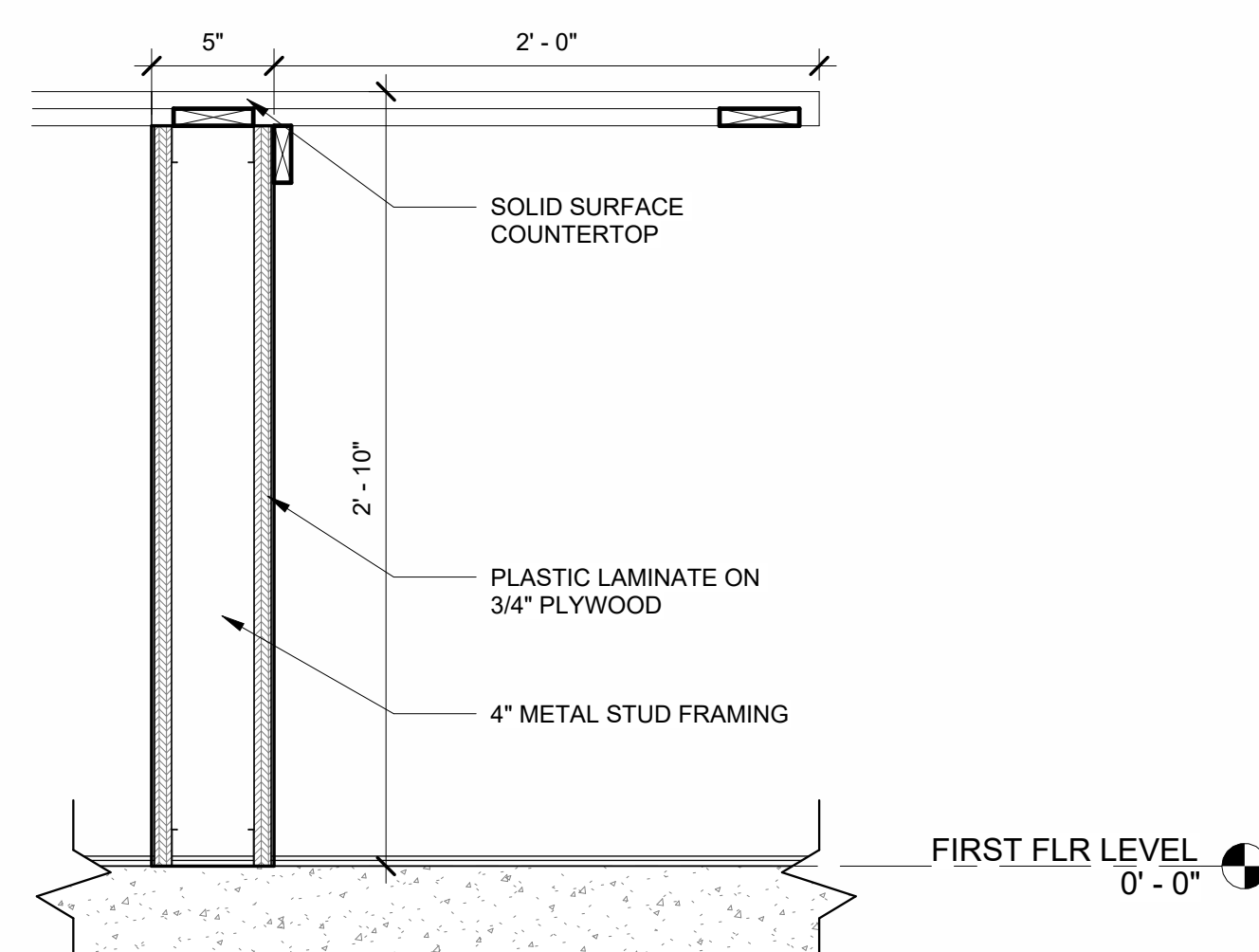
2 3D VIEW RECEPTION DESK
A9.22



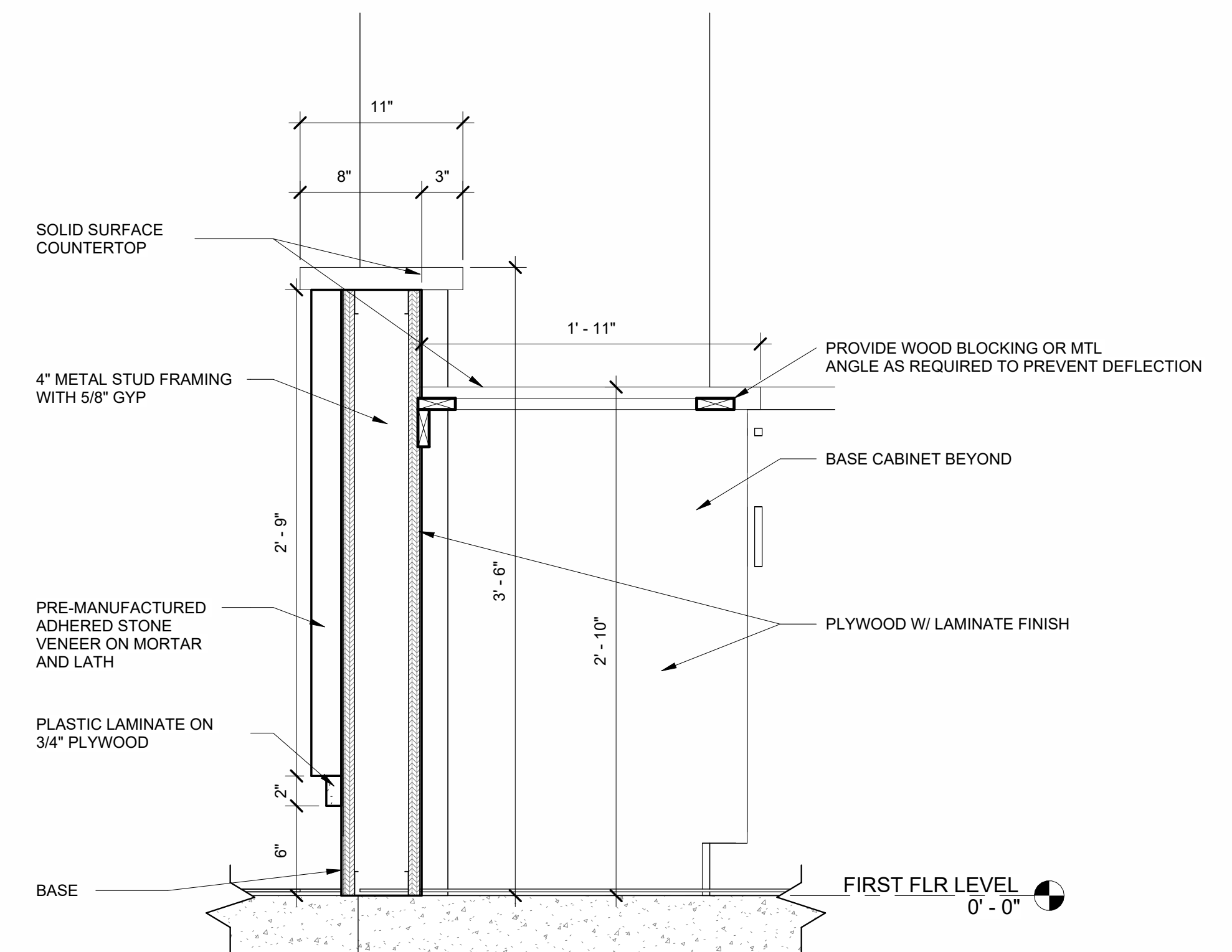
3 RECEPTION DESK ELEVATION
A9.22 1/2" = 1'-0"



4 RECEPTION DESK ELEVATION 2
A9.22 1/2" = 1'-0"



5 RECEPTION DETAIL AT LOW COUNTER
A9.22 1 1/2" = 1'-0"



6 RECEPTION DETAIL AT HIGH COUNTER
A9.22 1 1/2" = 1'-0"

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SHEET TITLE

RECEPTION DESK DETAILS

PROJECT NO. 21091 DATE 06/21/2024
DRAWN BY STAFF SCALE
CHECKED BY NR As indicated
SHEET NO.

A9.22

STEEL JOISTS (K SERIES)

- STEEL JOISTS SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS, K-SERIES OF THE STEEL JOIST INSTITUTE (SJI).
- STEEL JOISTS SHALL BE DESIGNED BY THE MANUFACTURER. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF ALL STEEL JOISTS. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA.
- UNLESS OTHERWISE NOTED, STEEL JOISTS SHALL BE DESIGNED AS SIMPLY SUPPORTED UNIFORMLY LOADED TRUSSES WITH THE TOP CHORD BRACED AGAINST LATERAL BUCKLING. THE UNIFORM DESIGN LOAD SHALL BE THE TOTAL SAFE UNIFORMLY DISTRIBUTED LOAD AS SHOWN IN THE SJI STANDARD LOAD TABLE.
- WHEN NET UPLIFT FORCES DUE TO WIND ARE SHOWN ON THE DRAWINGS, THE MANUFACTURER SHALL DESIGN THE JOISTS, BRIDGINGS, AND CONNECTIONS OF THE JOISTS TO THE SUPPORTING STRUCTURE FOR THE NET UPLIFT. A SINGLE LINE OF BOTTOM CHORD BRIDGING MUST BE PROVIDED NEAR THE FIRST BOTTOM CHORD PANEL POINTS WHENEVER UPLIFT DUE TO WIND FORCES IS SHOWN ON THE DESIGN DRAWINGS.
- WHEN NON-UNIFORM OR CONCENTRATED LOADS ARE SHOWN ON THE DRAWINGS, THE MANUFACTURER SHALL DESIGN THE JOISTS IN ACCORDANCE WITH THE SJI STANDARD SPECIFICATION FOR OPEN WEB STEEL JOISTS, K-SERIES.
- STEEL JOIST BRIDGING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE SJI SPECIFICATION. ALL BRIDGING AND BRIDGING ANCHORS SHALL BE PLACED AND STEEL JOIST ENDS FIXED PRIOR TO THE APPLICATION OF ANY LOADS. BRIDGING THAT TERMINATES AT, OR IS INTERRUPTED BY, STRUCTURAL STEEL BEAMS, MASONRY WALLS OR CONCRETE WALLS SHALL BE ATTACHED THERETO. COORDINATE BRIDGING LOCATIONS TO AVOID INTERFERENCE WITH ALL MECHANICAL, ELECTRICAL, FIRE PROTECTION EQUIPMENT, AND ARCHITECTURAL CONDITIONS.
- MINIMUM BEARING REQUIREMENTS FOR K-SERIES JOISTS, UNLESS NOTED OTHERWISE, SHALL BE 2-1/2" ON STRUCTURAL STEEL AND 4" ON STEEL BEARING PLATES OVER MASONRY.
- UNLESS NOTED OTHERWISE, K-SERIES STEEL JOISTS SHALL BE ATTACHED TO SUPPORTING STEEL WORK OR STEEL BEARING PLATE WITH TWO 1/8" FILLET WELDS (ONE EACH SIDE), 2" LENGTH MINIMUM, OR WITH (2) 1/2" DIAMETER BOLTS (ONE EACH SIDE).
- STEEL JOISTS AT COLUMN CENTER LINES SHALL BE BOLTED TO STRUCTURAL STEEL WITH TWO 1/2" DIAMETER BOLTS, WHERE STEEL JOISTS DO NOT SPACE TO COLUMN CENTER LINES, USE BOLTED CONNECTIONS FOR THE STEEL JOIST CLOSEST TO THE CENTERLINE.
- HOLES IN STEEL JOIST CHORDS ARE NOT PERMITTED, EXCEPT FOR BOLTED CONNECTIONS AT THE BEARING END OF THE STEEL JOIST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING JOIST ANCHORAGE THAT MEETS ALL OSHA REQUIREMENTS.
- ALL ITEMS SUCH AS MECHANICAL EQUIPMENT, DUCT WORK, PIPES, CEILING FIXTURES, ETC. THAT ARE TO BE SUPPORTED OR HUNG FROM THE STEEL JOISTS SHALL BE FRAMED WITH AUXILIARY FRAMING TO THE PANEL POINTS OF THE STEEL JOISTS. METHODS OF FRAMING THAT INDUCE BENDING TO THE STEEL JOIST CHORDS OR WEB MEMBERS WILL NOT BE PERMITTED.
- ALL JOISTS SHALL RECEIVE RUST-INHIBITIVE PRIMER PER PROJECT SPECIFICATIONS.

COLD-FORMED 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 ML MATERIAL (AND LESS) SHALL HAVE A MINIMUM YIELD OF 33,000 PSI (UNLESS NOTED OTHERWISE). ALL 54 ML MATERIAL (AND GREATER) SHALL HAVE A MINIMUM YIELD OF 50,000 PSI (UNLESS NOTED OTHERWISE).
- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING:
 - SHOP DRAWINGS FOR ALL COMPONENTS AND INSTALLATIONS NOT FULLY DIMENSIONED OR DETAILED IN MANUFACTURER'S PRODUCT DATA.
 - 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 960 AND G955, U.N.C.
- INSTALLATION:
 - 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.
 - WALL STUDS: SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY SCREW FASTENING AT BOTH ENDS 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.
 - 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.
 - 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.
 - ALL MEMBERS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO SUPPORTING MEMBERS.
- ALL SCREWS SHALL BE NON-CORROSIVE NO. 12-24 STANDARD SELF-DRILLING SCREWS UNLESS NOTED OTHERWISE ON DRAWINGS (DO NOT USE STAINLESS STEEL OR COPPER COATED FASTENERS).
- ALL SCREWS SHALL HAVE A MINIMUM EDGE DISTANCE OF 1" UNLESS NOTED OTHERWISE ON DRAWINGS.
- ALL MEMBERS SHALL BE A MINIMUM OF 1" ON CENTER UNLESS NOTED OTHERWISE ON DRAWINGS.

- ALL METAL STUD WALLS SHALL HAVE WALL CONTINUOUS WALL BRIDGING @ 3'-6" OC MAXIMUM. CONTINUOUS BRIDGING MAY CONSIST OF 1 1/2" - 33 ML STRAPS (2 1/2" - 43 ML AT WALLS USED AS SHEAR WALLS OR WALLS WITH X STRAP BRACING), AS AN ALTERNATE TO STRAP BRIDGING, FOR 3 5/8" OR 4" STUDS ONLY, PROVIDE 1 1/2" CRC CHANNEL BRIDGING (50-U50-S4 AT THE CENTERLINE OF STUDS WITH (2) #8 SCREWS PER ANGLE FLANGE.
- CONTINUOUS STUDS EACH SIDE OF HEADERS SHALL BE EQUAL TO THE NUMBER OF THE INTERRUPTED STUDS PLUS ONE STUD AT EACH SIDE. USE MINIMUM OF TWO (2) STUDS EACH SIDE.
- VOIDS BENEATH WALL TRACK SHALL NOT BE PERMITTED. WHERE UNEVENNESS OR SUPPORTING FLOOR PREVENTS CONTINUOUS SOLID BEARING, PANEL OR TRACK SHALL BE LEVELLED BY PLACING MORTAR OR GROUT BENEATH TRACK.
- MINIMUM TRACK FASTENING INTO CONCRETE SHALL BE 0.145" DIAMETER POWDER ACTUATED FASTENERS AT 16" OC (UNO) WITH 3/4" PENETRATION INTO CONCRETE.

METAL ROOF DECK

- THE METAL DECK WORK SHALL CONSIST OF FURNISHING EVERYTHING (LABOR, MATERIALS, ACCESSORIES, EQUIPMENT, ETC.) NECESSARY AND INCIDENTAL TO THE EXECUTION AND COMPLETION OF ALL METAL DECK WORK AS INDICATED AND SPECED ON THE DRAWINGS.
- SUBMIT PLACEMENT AND DETAILED (SHOP) DRAWINGS FOR REVIEW. NO METAL DECK SHALL BE INSTALLED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED.
- METAL DECK SHALL CONFORM TO STEEL DECK INSTITUTES CURRENT STANDARDS.
- METAL DECK SHALL BE OF THE CONFIGURATION, DEPTH AND MINIMUM GAGE AS SHOWN ON THE DRAWINGS. ATTACHMENT TO THE SUPPORTING STRUCTURE SHALL BE AS SHOWN ON THE DRAWINGS AS A MINIMUM. SEE PLAN NOTES.
- DO NOT HANG OR SUPPORT ANY LOADS FROM METAL ROOF DECK.
- WHERE POSSIBLE, METAL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF 3 SPANS. TWO SPAN DECK SHALL BE USED ONLY WHERE DECK LAYOUT DOES NOT PERMIT THE USE OF THREE SPANS. SINGLE SPAN DECK IS NOT PERMITTED.
- ROOF OPENINGS LESS THAN 6' SQUARE OR DIAMETER REQUIRE NO REINFORCEMENT. OPENINGS 6' TO 10' INCLUSIVE SHALL BE REINFORCED WITH A 20 GAUGE GALVANIZED PLATE WELDED TO THE DECK AT EACH CORNER AND 6" MAXIMUM CENTERS WITH A 5/8" DIAMETER PUDDLE WELD OR SHEET METAL SCREWS. SEE DRAWINGS FOR REINFORCEMENT OF OPENINGS LARGER THAN 10'.
- DECK SHALL BE POSITIONED SO THAT A COMPLETE RIB BEARS ON STEEL SUPPORT.

VERIFICATION AND SPECIAL INSPECTION

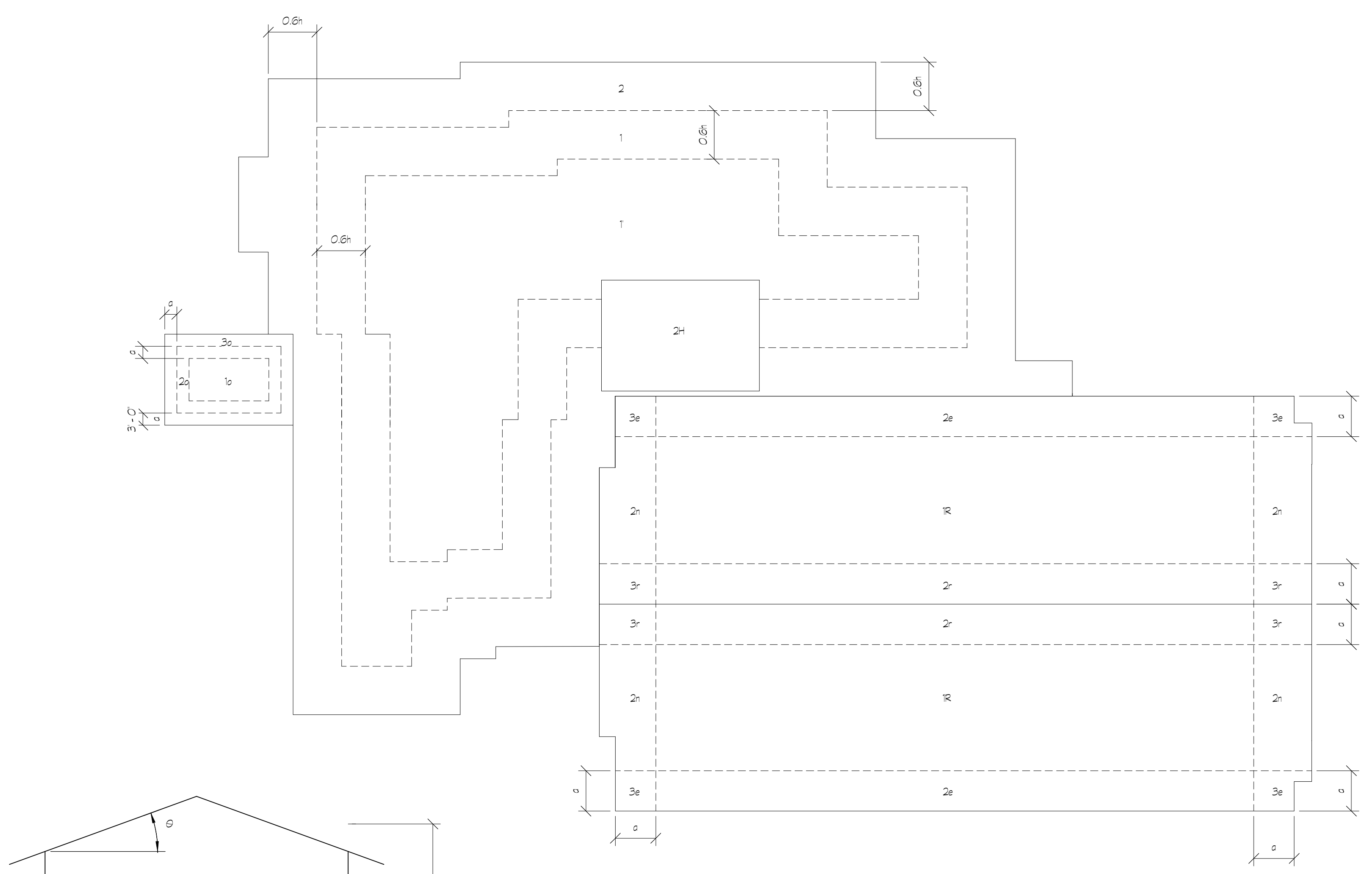
- THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PERFORM INSPECTIONS AND TESTING DURING CONSTRUCTION FOR THE TYPES OF WORK INDICATED BY IBC SECTIONS 1704, 1705, 1706, AND 1707. SUBMIT DOCUMENTATION THAT SUMMARIZES THE QUALIFICATIONS AND CREDENTIALS OF EACH SPECIAL INSPECTOR AND DEMONSTRATES COMPETENCE FOR THE BUILDING INSPECTOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- APPROVED SPECIAL INSPECTORS SHALL FURNISH INSPECTION AND TESTING REPORTS TO THE OWNER, ARCHITECT AND BUILDING OFFICIAL AND STRUCTURAL ENGINEER OF RECORD WHICH INDICATES THE WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. REPORTS WHICH DOCUMENT THE RESULTS OF THE SPECIAL INSPECTIONS SHALL BE SUBMITTED PERIODICALLY AT A FREQUENCY APPROVED BY THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. A FINAL REPORT DOCUMENTING ALL THE WORK HAS BEEN PERFORMED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE SUBMITTED AT THE END OF THE PROJECT.
- SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.
- SEE THE PROJECT SPECIFICATIONS AND SECTION 1704 OF THE BUILDING CODE FOR FULL CRITERIA AND EXCEPTIONS FOR INSPECTION REQUIREMENTS.

DEFINITIONS:

- SPECIAL INSPECTION, PERIODIC: A PART-TIME OR INTERMITTENT OBSERVATION WORK BEING PERFORMED REQUIRING A PRESENCE WHEN THE WORK IS BEING PERFORMED AND AFTER COMPLETION OF THE WORK. PRESENCE AT THE JOB SITE SHALL BE WEEKLY AT MINIMUM OR GREATER AS REQUESTED BY THE OWNER.
- SPECIAL INSPECTION, CONTINUOUS: A FULL-TIME OBSERVATION OF WORK REQUIRING CONTINUOUS JOBSITE PRESENCE WHEN AND WHERE THE WORK IS BEING PERFORMED.

OSB WALL SHEATHING

- 1/2" APA-COX FRT SHEATHING FOR WOOD SHEAR WALLS.
- ATTACH SHEATHING TO WOOD STUDS WITH 8D NAILS AT FOLLOWING SPACING (UNLESS NOTED OTHERWISE):
 - 6".....PERIMETER OF SHEETS
 - 12".....INTERMEDIATE STUDS
- ALL UNSUPPORTED EDGES SHALL BE BLOCKED WITH 2x STUDS.



COMPONENTS AND CLADDING ROOF PLAN
SEE TABLE FOR LOADS

COMPONENTS AND CLADDING ROOF (ENCLOSED) 88 MPH EXP. 'C' ASD EXTERNAL GROSS PRESSURES (PSF)						
A _g (EFFECTIVE AREA)	ZONE 1R	ZONE 2e	ZONE 2n	ZONE 2r	ZONE 3e	ZONE 3r
A _g ≤ 10 SQ. FT.	+20.0, -37.0	+20.0, -37.0	+20.0, -41.0	+20.0, -37.0	+20.0, -50.0	+20.0, -41.0
A _g ≤ 20 SQ. FT.	+19.0, -32.0	+19.0, -32.0	+19.0, -37.0	+19.0, -32.0	+19.0, -45.0	+19.0, -37.0
A _g ≤ 50 SQ. FT.	+15.0, -24.0	+15.0, -24.0	+15.0, -32.0	+15.0, -24.0	+15.0, -37.0	+15.0, -32.0
A _g ≤ 200 SQ. FT.	+13.0, -19.0	+13.0, -19.0	+13.0, -22.0	+13.0, -19.0	+13.0, -26.0	+13.0, -22.0

COMPONENTS AND CLADDING ROOF (ENCLOSED) 83 MPH EXP. 'C' ASD EXTERNAL GROSS PRESSURES (PSF)				
A _g (EFFECTIVE AREA)	ZONE 1	ZONE 1	ZONE 2	ZONE 2H
A _g ≤ 10 SQ. FT.	+10.0, -17.0	+10.0, -29.0	+10.0, -38.0	+10.0, -46.0
A _g ≤ 20 SQ. FT.	+10.0, -17.0	+10.0, -28.0	+10.0, -35.0	+10.0, -43.0
A _g ≤ 50 SQ. FT.	+10.0, -17.0	+10.0, -25.0	+10.0, -32.0	+10.0, -39.0
A _g ≤ 200 SQ. FT.	+10.0, -17.0	+10.0, -22.0	+10.0, -28.0	+10.0, -33.0

COMPONENTS AND CLADDING WALL (ENCLOSED) 84 MPH EXP. 'C' ASD EXTERNAL GROSS PRESSURES (PSF)			
A _g (EFFECTIVE AREA)	ZONE 4	ZONE 5	NOTES
A _g ≤ 10 SQ. FT.	+22.0, -24.0	+22.0, -30.0	
A _g ≤ 20 SQ. FT.	+20.0, -23.0	+20.0, -28.0	
A _g ≤ 50 SQ. FT.	+20.0, -22.0	+20.0, -26.0	
A _g ≤ 200 SQ. FT.	+18.0, -20.0	+18.0, -20.0	

COMPONENTS AND CLADDING ROOF (OPEN) 83 MPH EXP. 'C' ASD GROSS PRESSURES (PSF)			
A _g (EFFECTIVE AREA)	ZONE 1e	ZONE 2e	ZONE 3e
A _g ≤ 10 SQ. FT.	+17.0, +2.0	+26.0, +19.0	+34.0, +24.0
A _g ≤ 20 SQ. FT.	+17.0, +2.0	+26.0, +19.0	+26.0, +19.0
A _g ≤ 50 SQ. FT.	+17.0, +2.0	+17.0, +2.0	+17.0, +2.0
A _g ≤ 200 SQ. FT.	+17.0, +2.0	+17.0, +2.0	+17.0, +2.0

- NOTES:**
- INTERPOLATION MAY BE UTILIZED FOR EFFECTIVE AREAS THAT OCCUR BETWEEN VALUES SHOWN ON THE TABLE.
 - PLUS AND MINUS SIGN INDICATES THE PRESSURE ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
 - FORCES AND DIAGRAMS ARE BASED ON IBC/ASCE 7.
 - NET PRESSURES CAN BE ACHIEVED BY SUBTRACTING 5 PSF FROM THE ABOVE ROOF VALUES ONLY. NO FURTHER REDUCTION IS PERMITTED.

LOSE DESIGN
SPACES FOR LIFE.

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NO.	DATE	DESCRIPTION

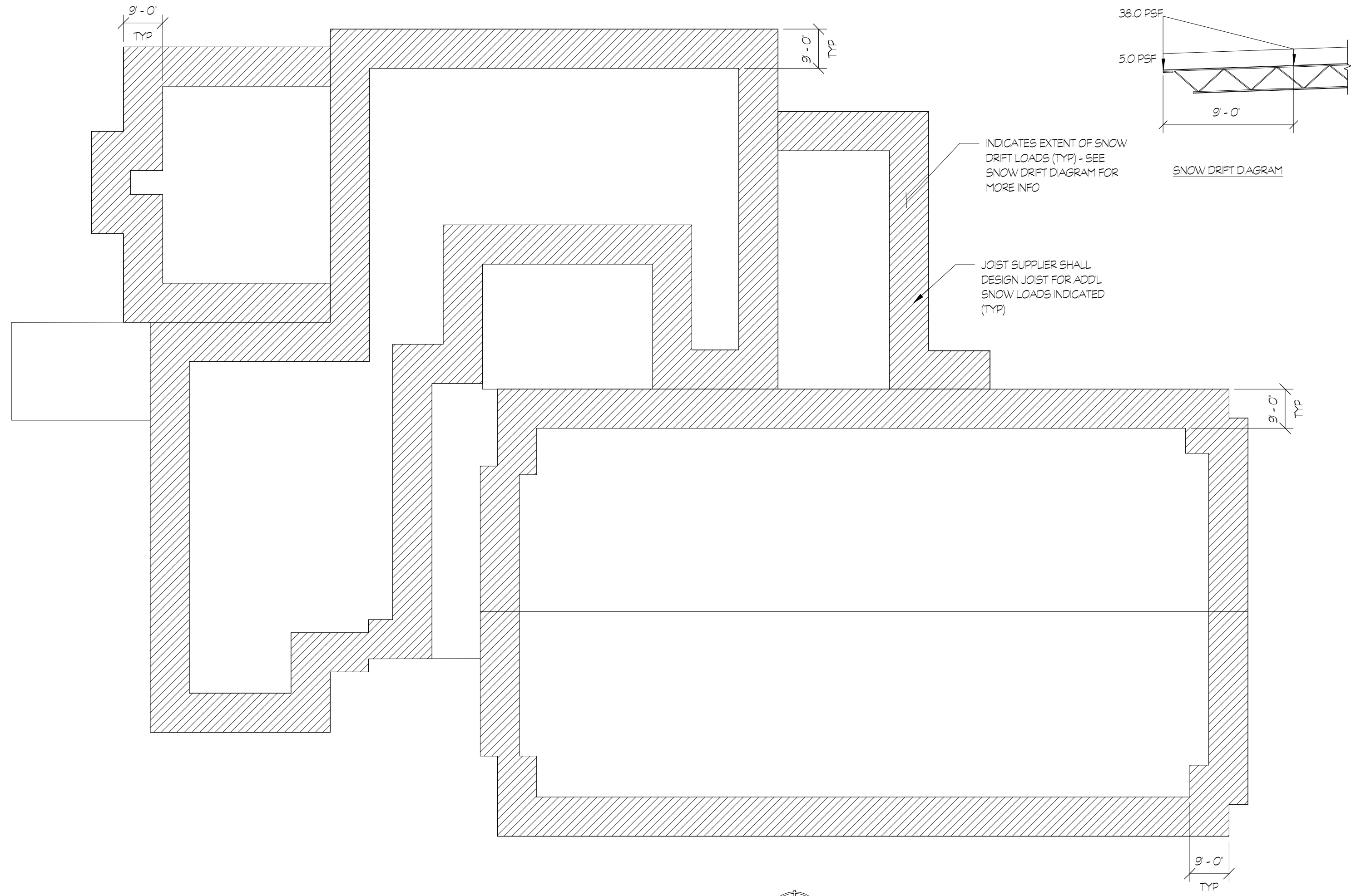
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SHEET TITLE
GENERAL NOTES

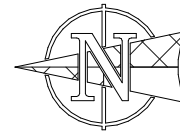
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ROOF SNOW DRIFT PLAN



NOT FOR CONSTRUCTION

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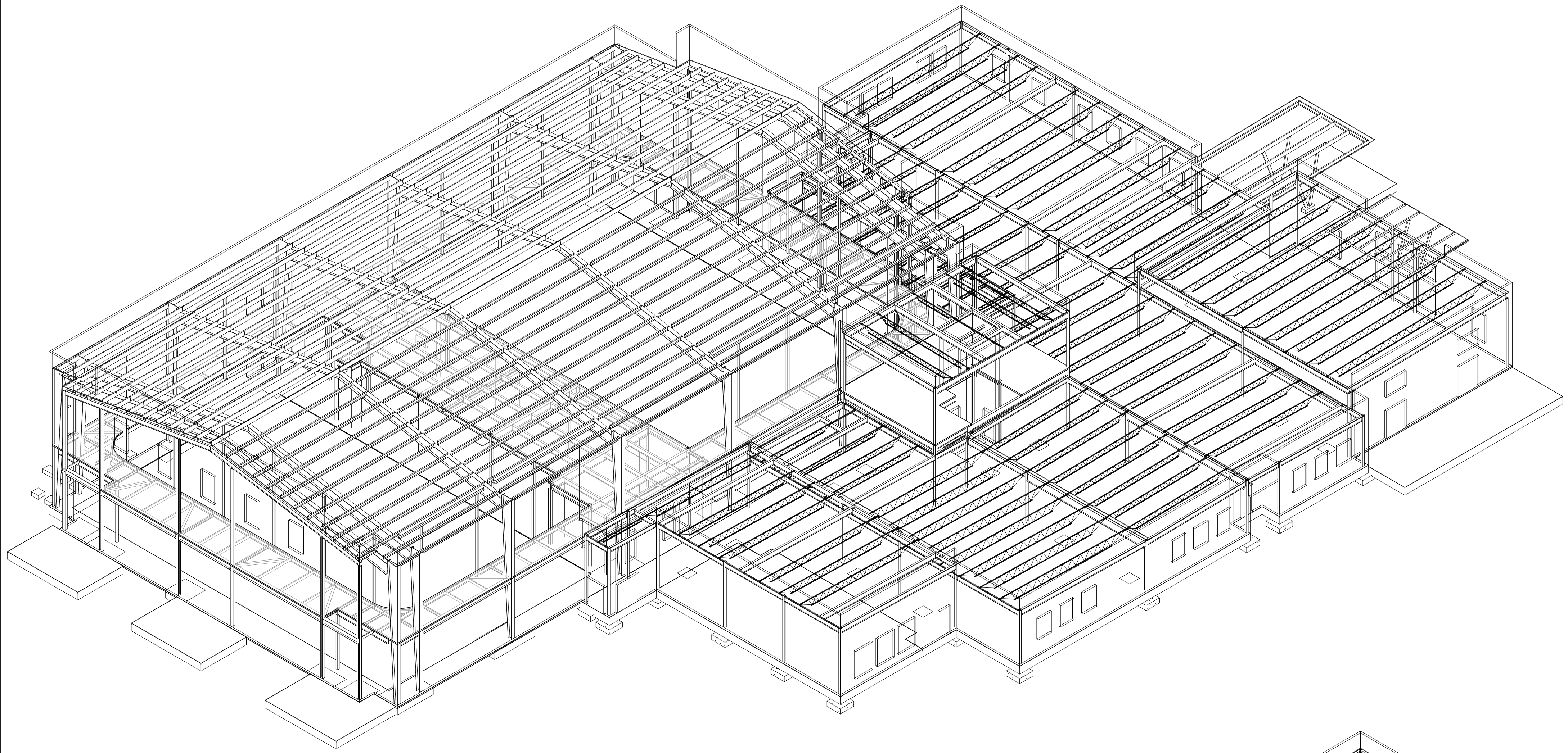
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SHEET TITLE

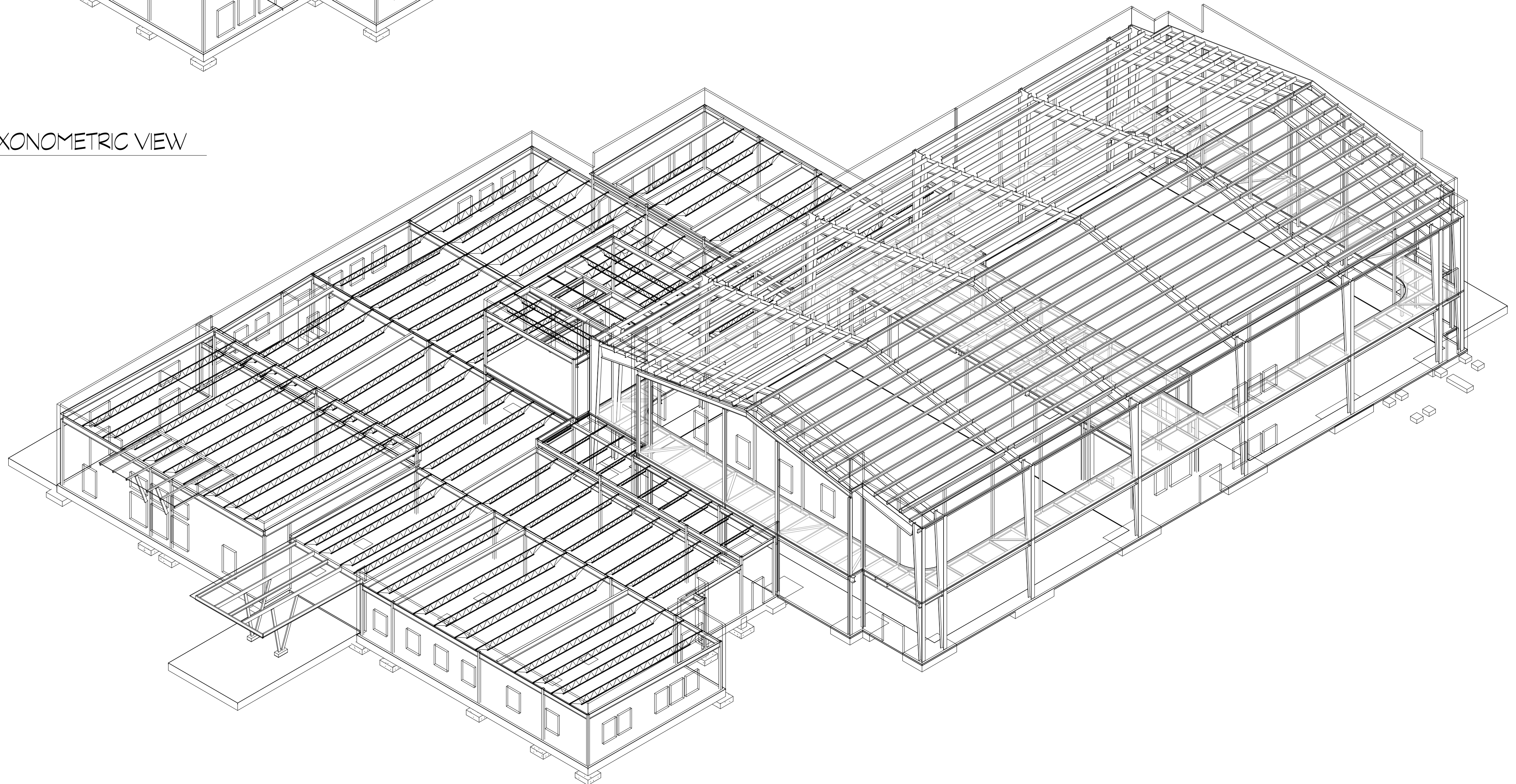
GENERAL NOTES

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE As indicated
CHECKED BY WJP	
SHEET NO.	

S0.03



1
S100
AXONOMETRIC VIEW



2
S100
AXONOMETRIC VIEW

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NO	DATE	DESCRIPTION

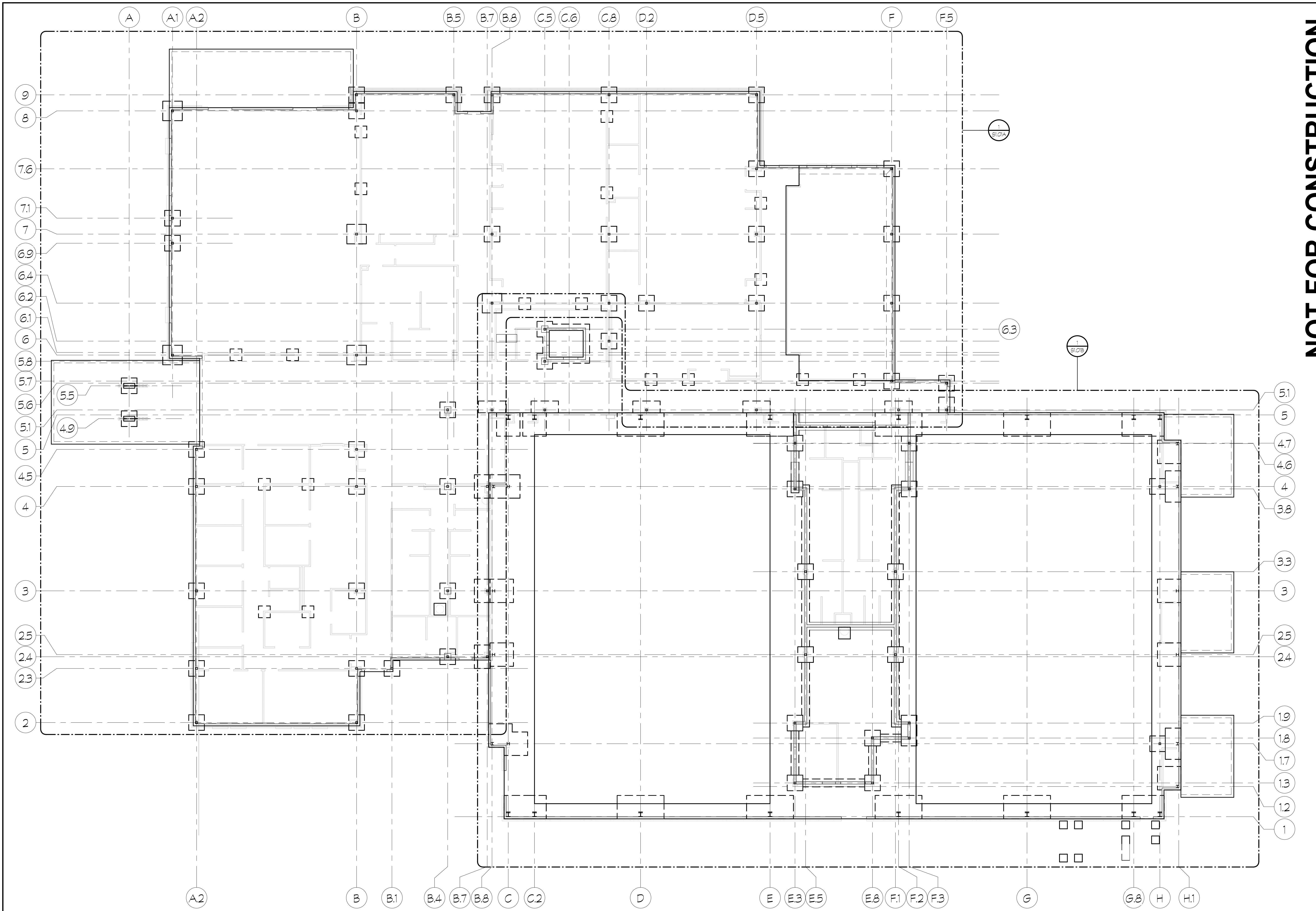
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**AXONOMETRIC
VIEWS**

PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO.	

S1.00



1 OVERALL FOUNDATION PLAN
 S1.01 3/32" = 1'-0"

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SHEET TITLE
OVERALL FOUNDATION PLAN

PROJECT NO. 21091	DATE 06/21/2024
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S1.01

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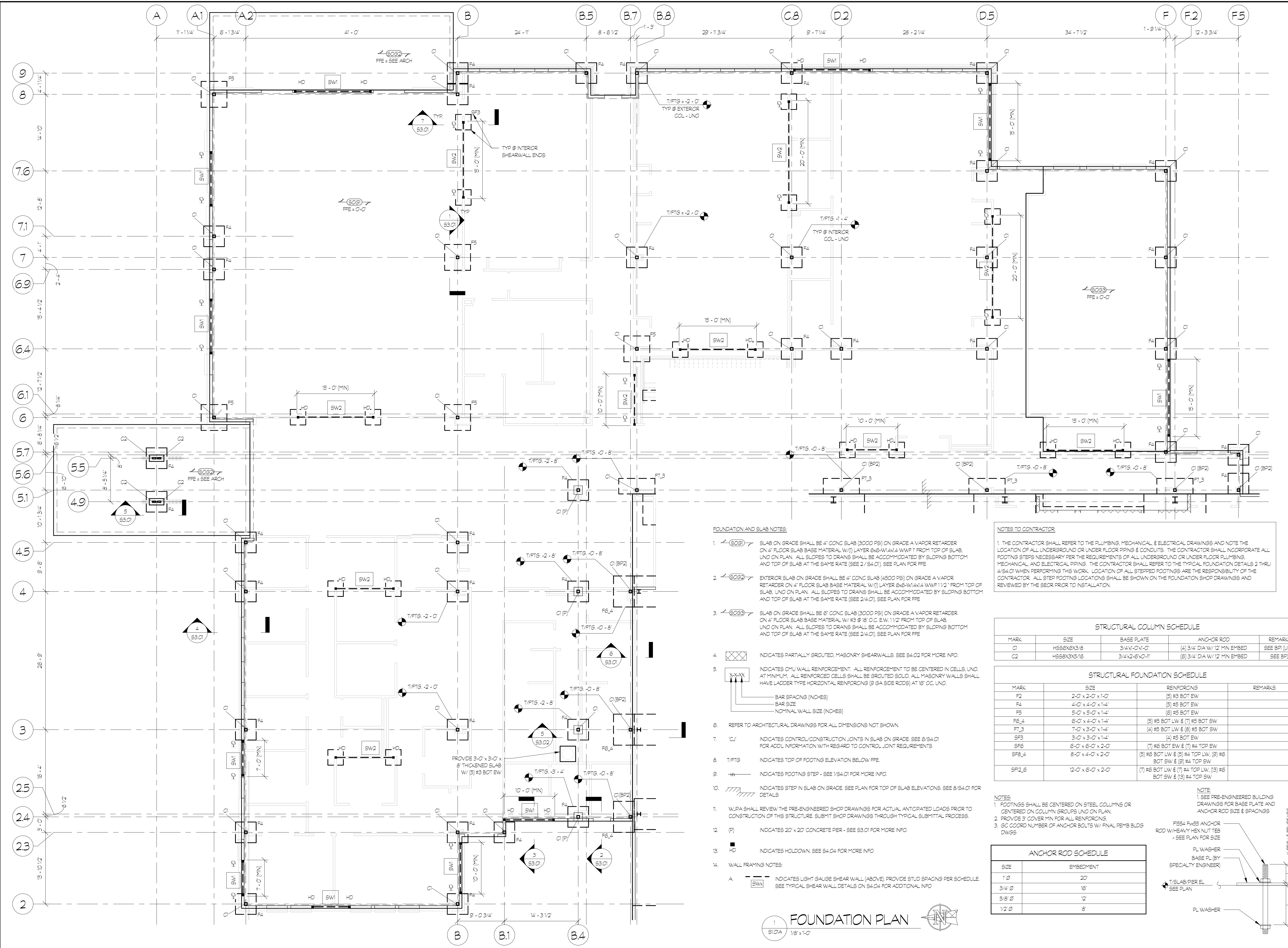
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- FOUNDATION AND SLAB NOTES**
- 6033 SLAB ON GRADE SHALL BE 4" CONG SLAB (3000 PSI) ON GRADE A VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/ (1) LAYER 6x6-W/4x4 W/FT FROM TOP OF SLAB, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE 2/54.0). SEE PLAN FOR FFE
 - 6032 EXTERIOR SLAB ON GRADE SHALL BE 4" CONG SLAB (4500 PSI) ON GRADE A VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/ (1) LAYER 6x6-W/4x4 W/FT 1/2" 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 2/4.0). SEE PLAN FOR FFE
 - 6033 SLAB ON GRADE SHALL BE 6" CONG SLAB (3000 PSI) ON GRADE A VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/ #3 @ 18" O.C. E.W. 1/2" 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 2/4.0). SEE PLAN FOR FFE
 - INDICATES PARTIALLY GROUTED, MASONRY SHEARWALLS. SEE S4.04 FOR MORE INFO.
 - INDICATES CMU WALL REINFORCEMENT. ALL REINFORCEMENT TO BE CENTERED IN CELLS, UNO. AT MINIMUM, ALL REINFORCED CELLS SHALL BE GROUTED SOLID. ALL MASONRY WALLS SHALL HAVE LADDER TYPE HORIZONTAL REINFORCING (9 GA SIDE RODS) AT 18" OC, UNO.
 BAR SPACING (NCHES)
 BAR SIZE
 NOMINAL WALL SIZE (NCHES)
 - REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
 - INDICATES CONTROL/CONSTRUCTION JOINTS IN SLAB ON GRADE. SEE 6/54.01 FOR ADDL INFORMATION WITH REGARD TO CONTROL JOINT REQUIREMENTS
 - T/FTG INDICATES TOP OF FOOTING ELEVATION BELOW FFE.
 - INDICATES FOOTING STEP - SEE 1/54.01 FOR MORE INFO.
 - INDICATES STEP IN SLAB ON GRADE. SEE PLAN FOR TOP OF SLAB ELEVATIONS. SEE 8/54.01 FOR DETAILS
 - W/JPA SHALL REVIEW THE PRE-ENGINEERED SHOP DRAWINGS FOR ACTUAL ANTICIPATED LOADS PRIOR TO CONSTRUCTION OF THIS STRUCTURE. SUBMIT SHOP DRAWINGS THROUGH TYPICAL SUBMITTAL PROCESS.
 - INDICATES 20' x 20' CONCRETE PER - SEE S3.01 FOR MORE INFO.
 - INDICATES HOLDDOWN. SEE S4.04 FOR MORE INFO
 - WALL FRAMING NOTES:
 INDICATES LIGHT GAUGE SHEAR WALL (ABOVE). PROVIDE STUD SPACING PER SCHEDULE. SEE TYPICAL SHEAR WALL DETAILS ON S4.04 FOR ADDITIONAL INFO

- NOTES TO CONTRACTOR**
- 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 2 THRU 4/54.01 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.

STRUCTURAL COLUMN SCHEDULE

MARK	SIZE	BASE PLATE	ANCHOR ROD	REMARKS
C1	HSS6X3X3/8	3/4X12-0X12	(4) 3/4" DIA W/ 12" MIN EMBED	SEE BPI (UNO)
C2	HSS8X3X3/8	3/4X12-6X12	(6) 3/4" DIA W/ 12" MIN EMBED	SEE BPI

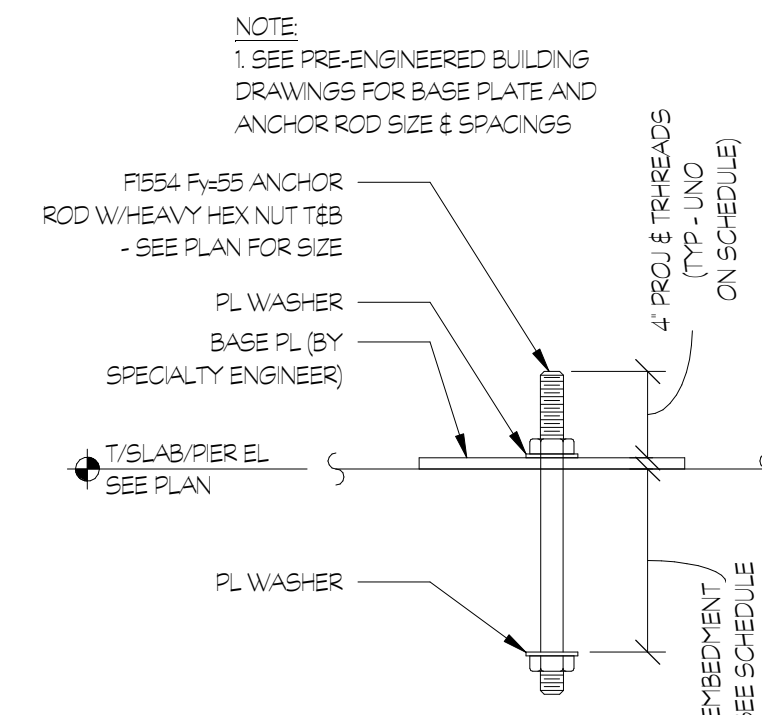
STRUCTURAL FOUNDATION SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
F2	2'-0" x 2'-0" x 1'-0"	(5) #3 BOT EW	
F4	4'-0" x 4'-0" x 1'-4"	(5) #5 BOT EW	
F5	5'-0" x 5'-0" x 1'-4"	(6) #5 BOT EW	
F6_4	6'-0" x 4'-0" x 1'-4"	(5) #5 BOT LW & (7) #5 BOT SW	
FT_3	7'-0" x 3'-0" x 1'-4"	(4) #5 BOT LW & (8) #5 BOT SW	
SP3	3'-0" x 3'-0" x 1'-4"	(4) #5 BOT EW	
SP6	6'-0" x 6'-0" x 2'-0"	(7) #6 BOT LW & (7) #4 TOP EW	
SP6_4	6'-0" x 4'-0" x 2'-0"	(5) #6 BOT LW & (5) #4 TOP LW, (9) #6 BOT SW & (9) #4 TOP SW	
SP2_6	12'-0" x 6'-0" x 2'-0"	(7) #6 BOT LW & (7) #4 TOP LW, (3) #6 BOT SW & (3) #4 TOP SW	

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

ANCHOR ROD SCHEDULE

SIZE	EMBEDMENT
1" Ø	20"
3/4" Ø	18"
5/8" Ø	12"
1/2" Ø	8"



1 FOUNDATION PLAN
S1.01A 1/8" = 1'-0"

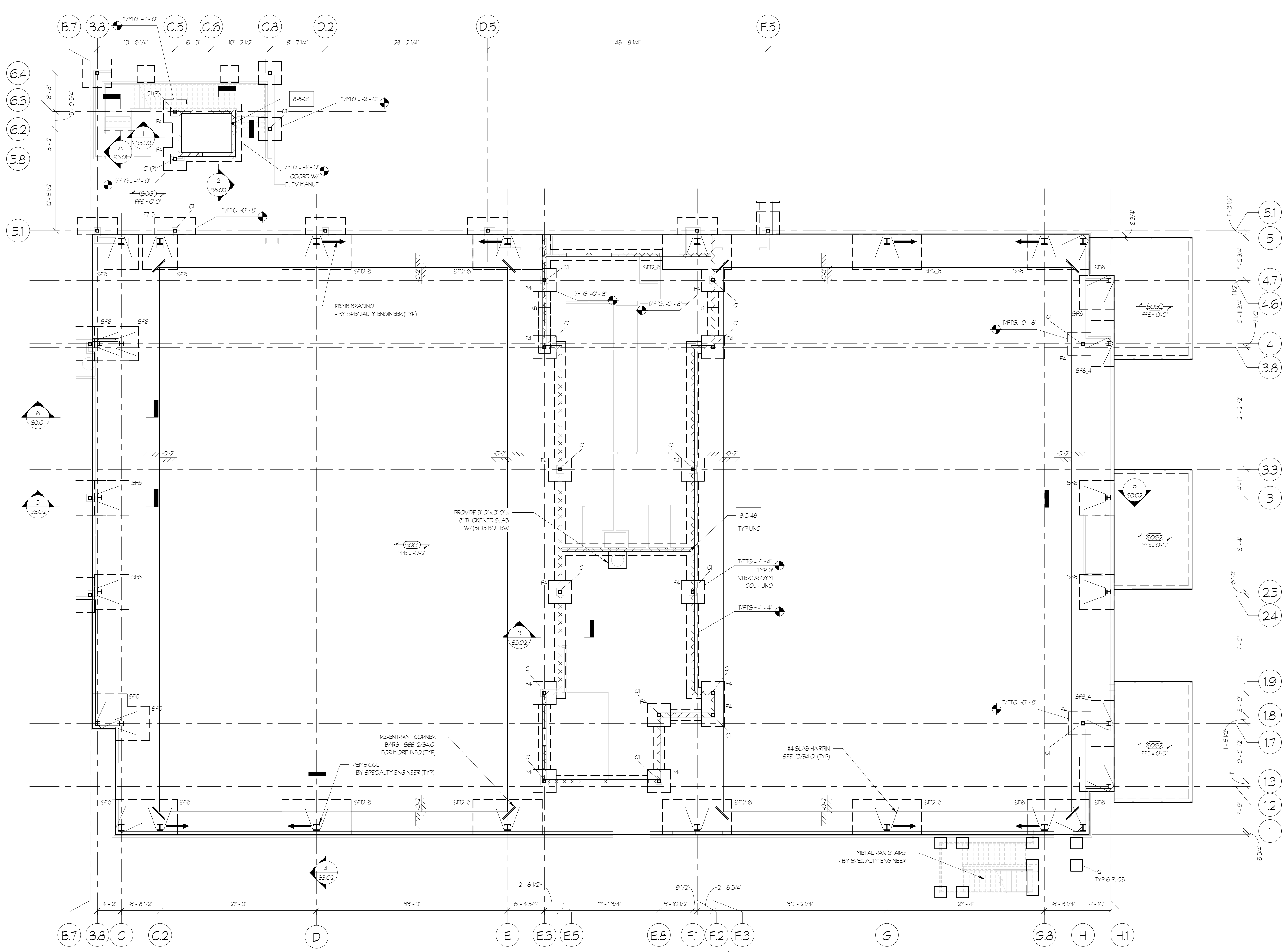
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NO	DATE	DESCRIPTION

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SHEET TITLE
FOUNDATION PLAN

PROJECT NO. 21091 DATE 06/21/2024
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 SHEET NO. S1.01A



1 GYM FOUNDATION PLAN
 S1.01B 1/8" = 1'-0" - SEE S1.01A FOR TYP FOUNDATION NOTES

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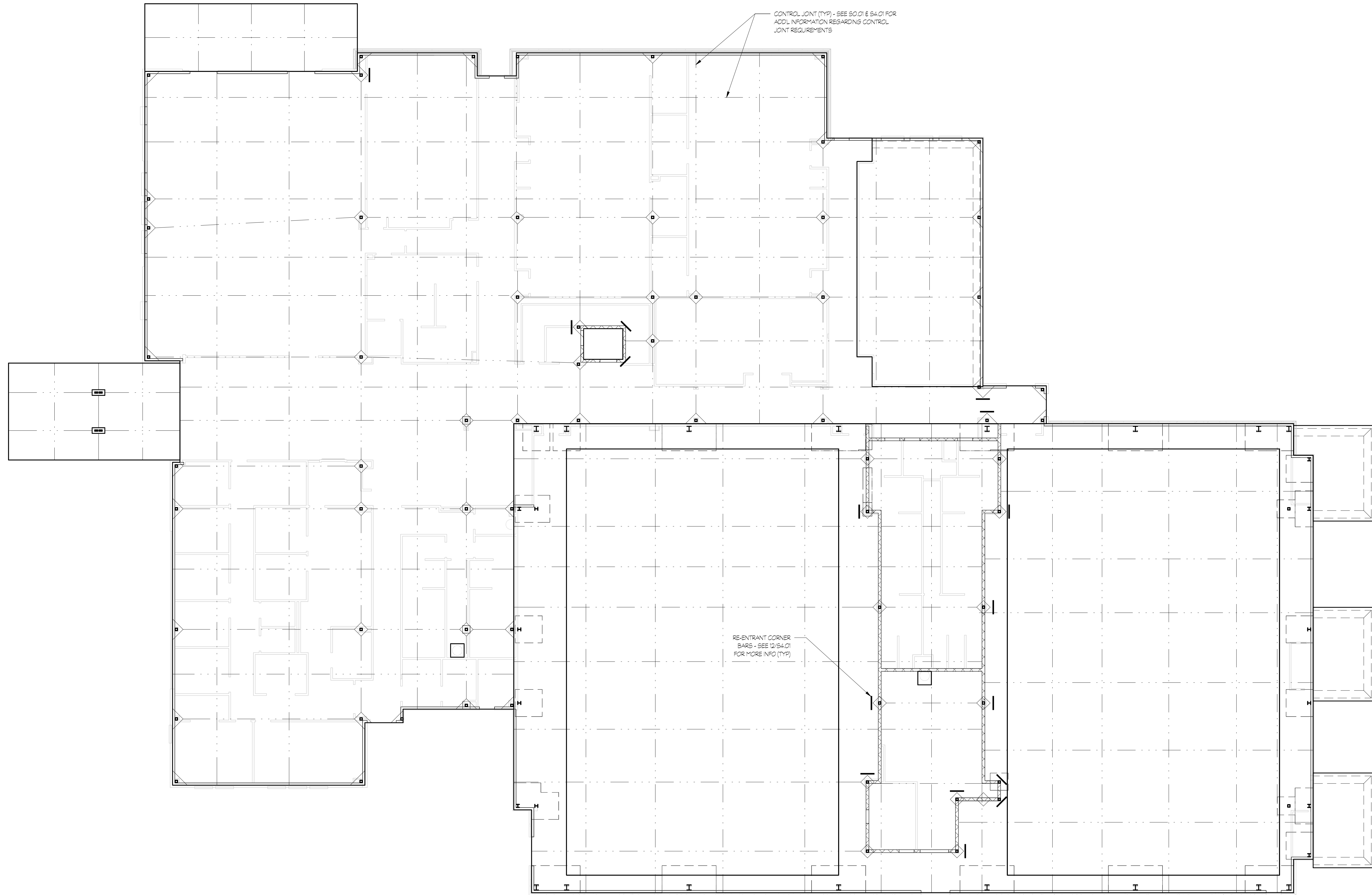
NO.	DATE	DESCRIPTION

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SHEET TITLE
GYM FOUNDATION PLAN

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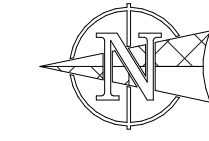
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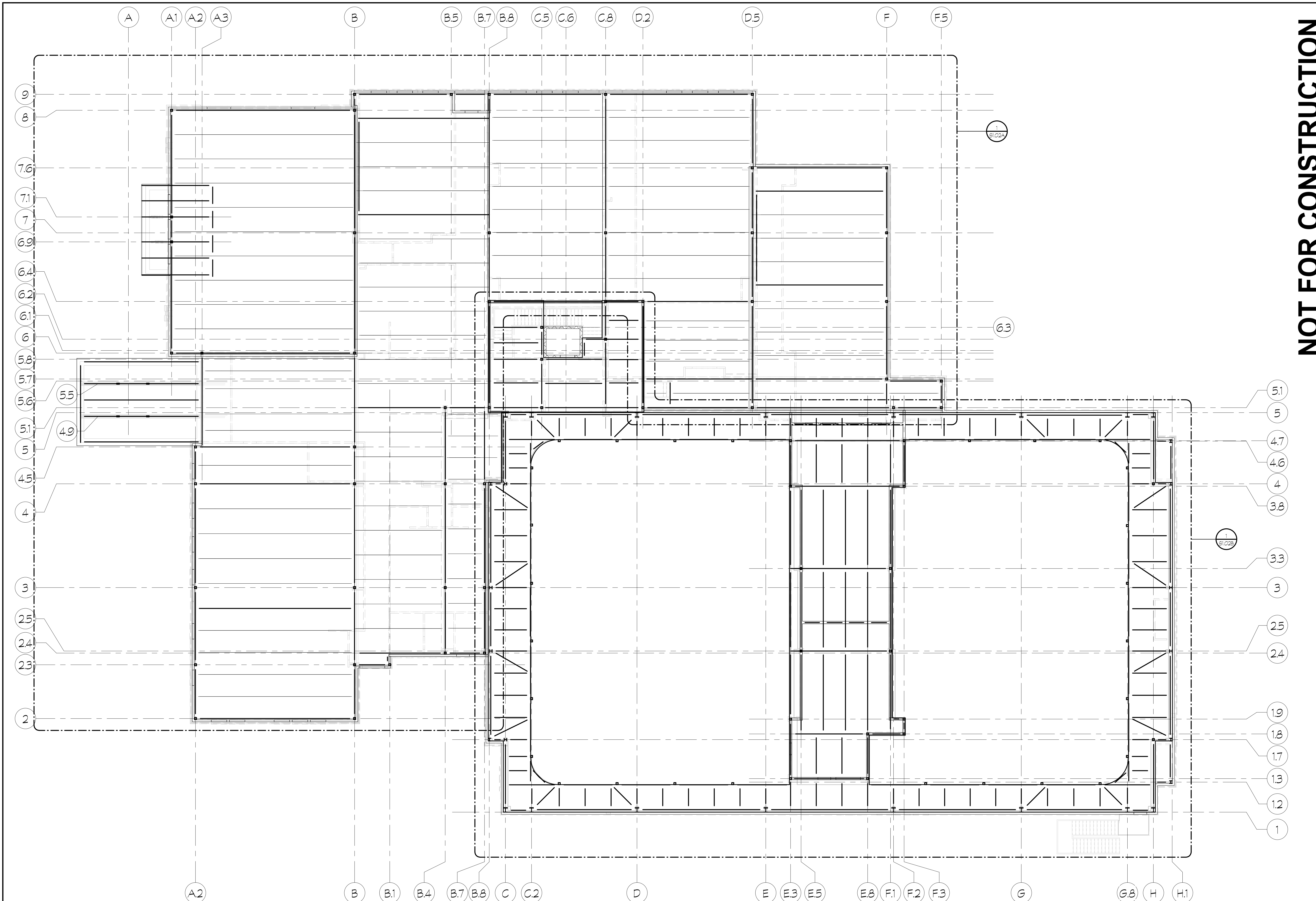
SHEET TITLE
**SLAB CONTROL
JOINT PLAN**

PROJECT NO. 21091	DATE 06/21/2024
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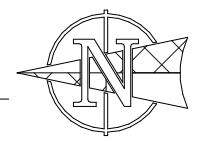
S1.01CJ

SLAB CONTROL JOINT PLAN
S1.01CJ 3/32" = 1'-0"





1 OVERALL SECOND FLOOR & LO ROOF FRAMING PLAN
 S1.02 3/32 = 1/8"



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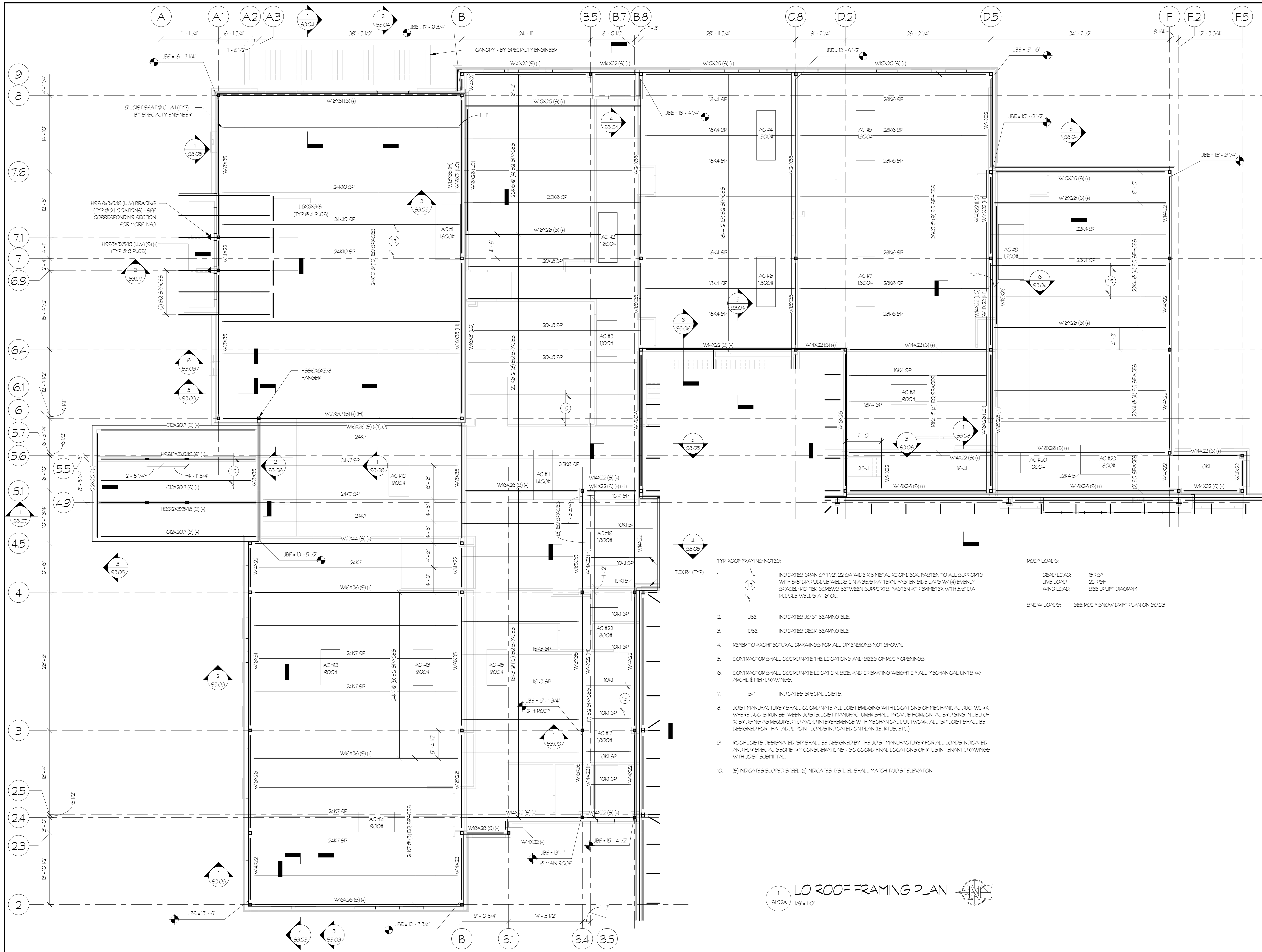
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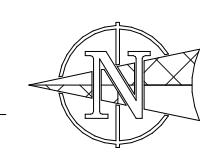
SHEET TITLE
OVERALL SECOND FLOOR & LO ROOF FRAMING PLAN

PROJECT NO. 21091 DATE 06/21/2024
 DRAWN BY ARY SCALE
 CHECKED BY WJP AS indicated
 SHEET NO.

S1.02



1 LO ROOF FRAMING PLAN
1/8" = 1'-0"



- TYP ROOF FRAMING NOTES:**
- INDICATES SPAN OF 1/2", 22 GA WIDE RB METAL ROOF DECK. FASTEN TO ALL SUPPORTS WITH 5/8" DIA PUDDLE WELDS ON A 36" PATTERN. FASTEN SIDE LAPS W/ (4) EVENLY SPACED #10 TEK SCREWS BETWEEN SUPPORTS. FASTEN AT PERIMETER WITH 5/8" DIA PUDDLE WELDS AT 6" OC.
 - JBE INDICATES JOIST BEARING ELE.
 - DBE INDICATES DECK BEARING ELE.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
 - CONTRACTOR SHALL COORDINATE THE LOCATIONS AND SIZES OF ROOF OPENINGS.
 - CONTRACTOR SHALL COORDINATE LOCATION, SIZE, AND OPERATING WEIGHT OF ALL MECHANICAL UNITS W/ ARCH. & MEP DRAWINGS.
 - SP INDICATES SPECIAL JOISTS.
 - JOIST MANUFACTURER SHALL COORDINATE ALL JOIST BRDGNS WITH LOCATIONS OF MECHANICAL DUCTWORK WHERE DUCTS RUN BETWEEN JOISTS. JOIST MANUFACTURER SHALL PROVIDE HORIZONTAL BRIDGING IN LIEU OF "X" BRIDGING AS REQUIRED TO AVOID INTERFERENCE WITH MECHANICAL DUCTWORK. ALL SP JOIST SHALL BE DESIGNED FOR THAT ADD. POINT LOADS INDICATED ON PLAN (E. RTUS, ETC).
 - ROOF JOISTS DESIGNATED "SP" SHALL BE DESIGNED BY THE JOIST MANUFACTURER FOR ALL LOADS INDICATED AND FOR SPECIAL GEOMETRY CONSIDERATIONS - GC COORD FINAL LOCATIONS OF RTUS IN TENANT DRAWINGS WITH JOIST SUBMITTAL.
 - (S) INDICATES SLOPED STEEL. (I) INDICATES 1/8" L. EL. SHALL MATCH T/JOIST ELEVATION.

- ROOF LOADS:**
- DEAD LOAD: 15 PSF
LIVE LOAD: 20 PSF
WIND LOAD: SEE UPLIFT DIAGRAM
- SNOW LOADS:** SEE ROOF SNOW DRIFT PLAN ON S0.03

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LO ROOF FRAMING PLAN

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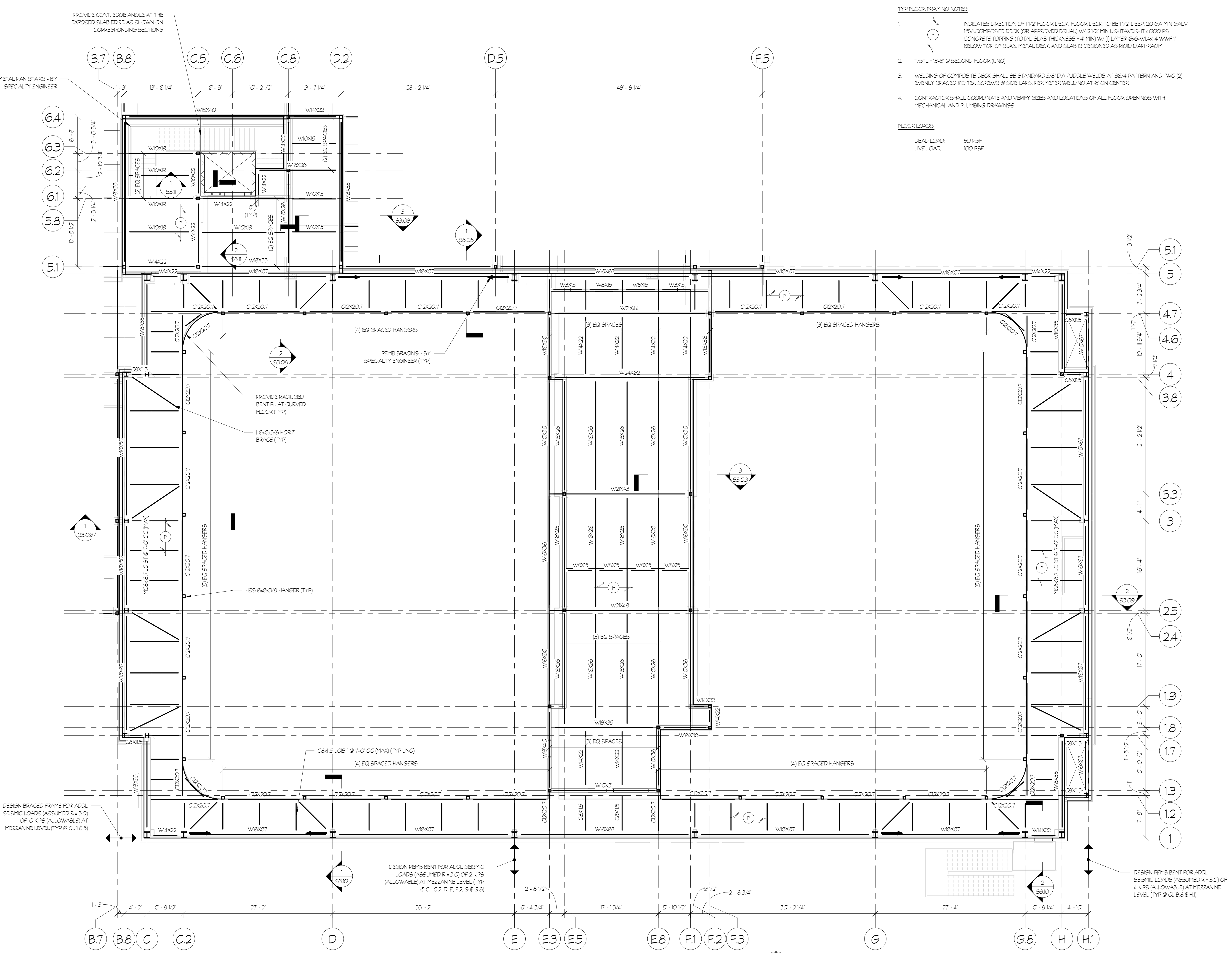
SECOND FLOOR FRAMING PLAN

PROJECT NO. 21091 DATE 06/21/2024
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 CHECKED BY WJP As indicated
 SHEET NO.

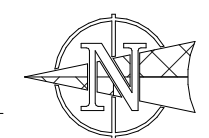
S1.02B

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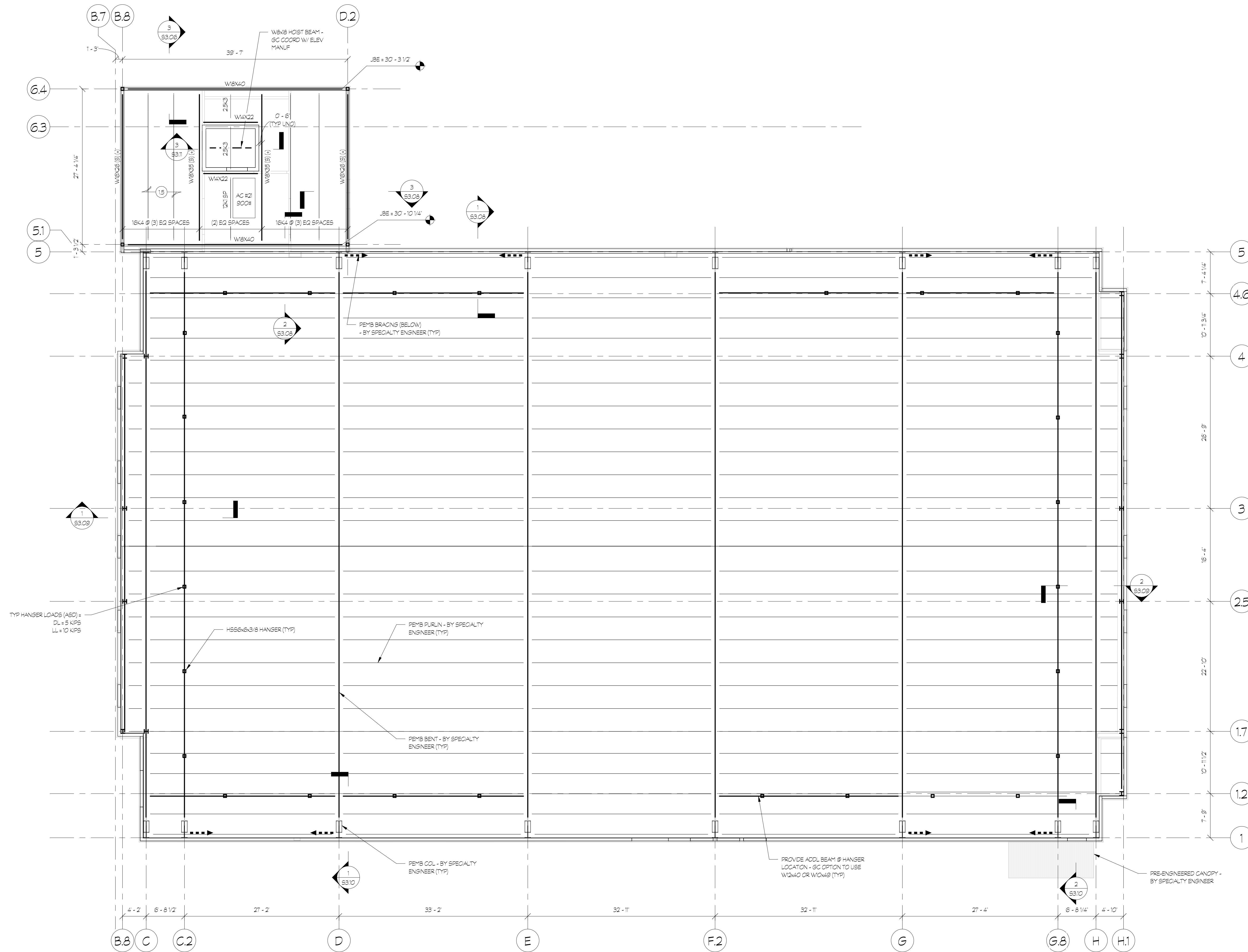
- TYP FLOOR FRAMING NOTES**
- INDICATES DIRECTION OF 1/2" FLOOR DECK. FLOOR DECK TO BE 1/2" DEEP, 20 GA MIN GALV 15' LCC-COMPOSITE DECK (OR APPROVED EQUAL) W/ 2 1/2" MIN LIGHT-WEIGHT 4000 PSI CONCRETE TOPPING (TOTAL SLAB THICKNESS = 4" MIN) W/ (1) LAYER 6x6-W14x14 WWFT BELOW TOP OF SLAB. METAL DECK AND SLAB IS DESIGNED AS RIGID DIAPHRAGM.
 - T/STL = 15'-6" @ SECOND FLOOR (LNO)
 - WELDING OF COMPOSITE DECK SHALL BE STANDARD 5/8" DIA PUDDLE WELDS AT 36" PATTERN AND TWO (2) EVENLY SPACED #10 TEK SCREWS @ SIDE LAPS. PERIMETER WELDING AT 6" ON CENTER.
 - CONTRACTOR SHALL COORDINATE AND VERIFY SIZES AND LOCATIONS OF ALL FLOOR OPENINGS WITH MECHANICAL AND PLUMBING DRAWINGS.
- FLOOR LOADS:**
 DEAD LOAD: 50 PSF
 LIVE LOAD: 100 PSF



1 SECOND FLOOR FRAMING PLAN



1/8" = 1'-0"



TYP HANGER LOADS (ASD) =
 DL = 5 KIPS
 LL = 10 KIPS

1
 S2.01 ROOF FRAMING PLAN
 1/8" = 1'-0" - SEE S1.02A FOR TYP ROOF FRAMING NOTES

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SHEET TITLE
ROOF FRAMING PLAN

PROJECT NO. **21091** DATE **06/21/2024**
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 CHECKED BY **WJP** **As indicated**

SHEET NO.
S2.01

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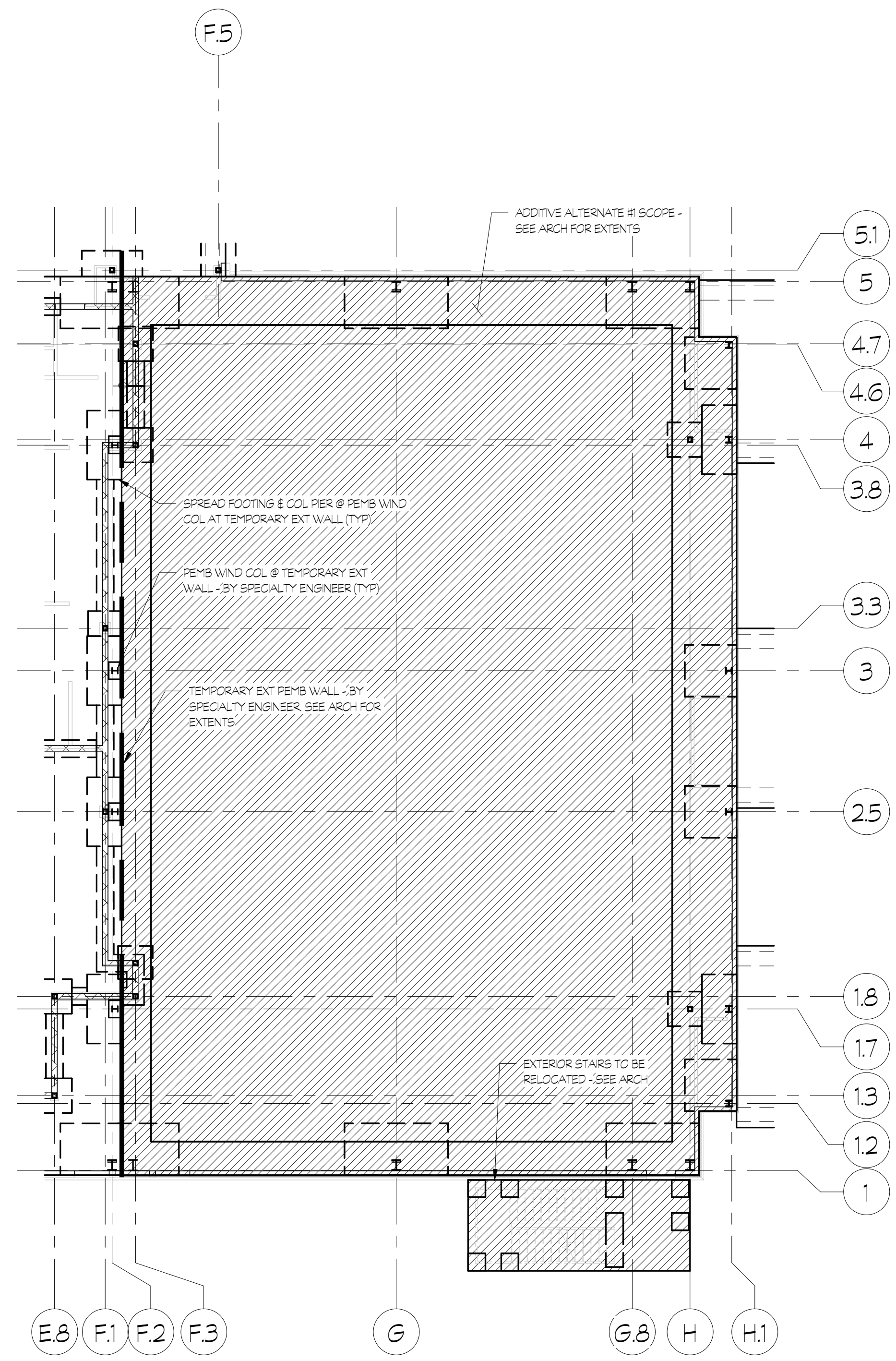
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**ADDITIVE
ALTERNATE #1
PLANS**

PROJECT NO. 21091	DATE 06/21/2024
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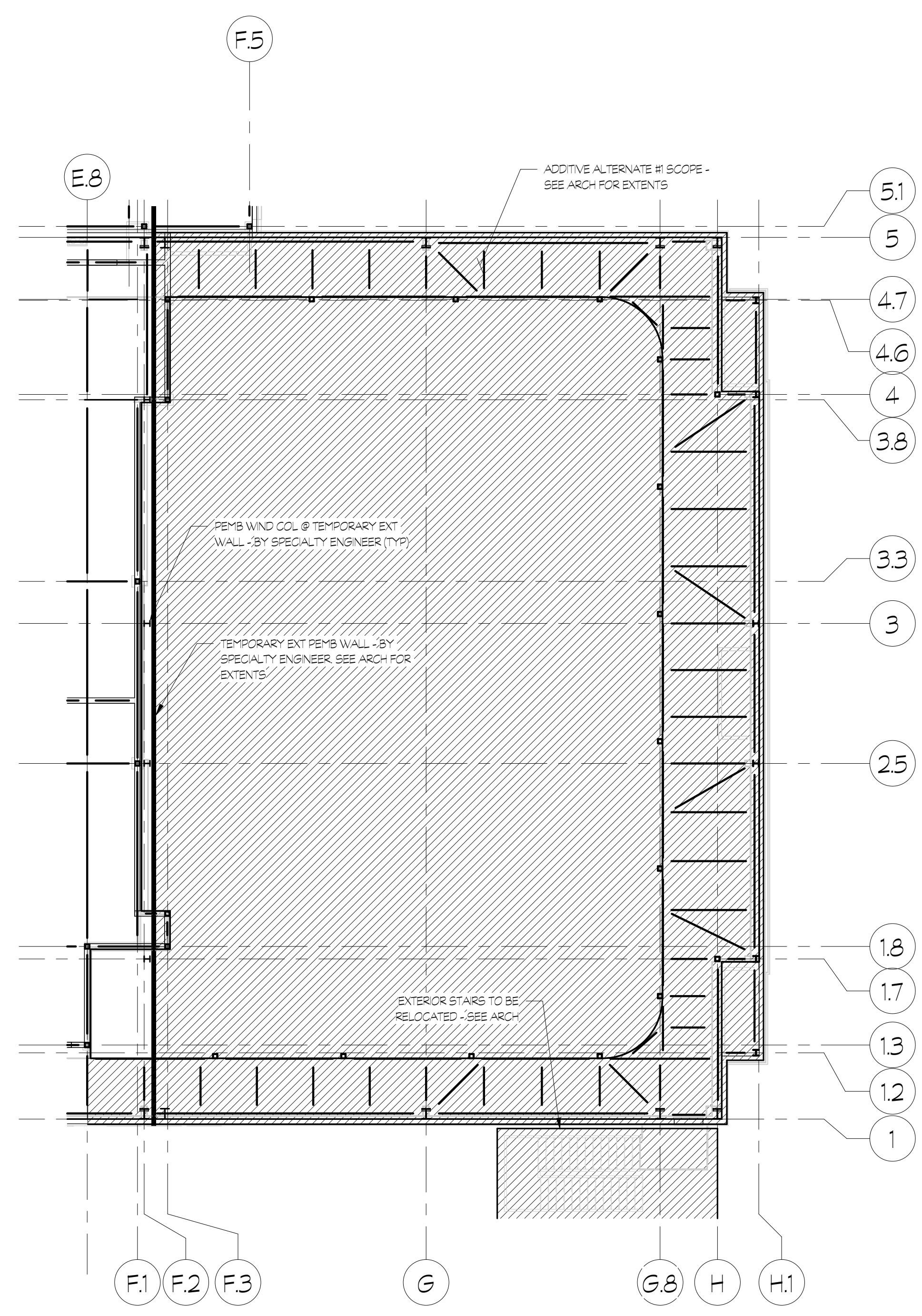
S2.02

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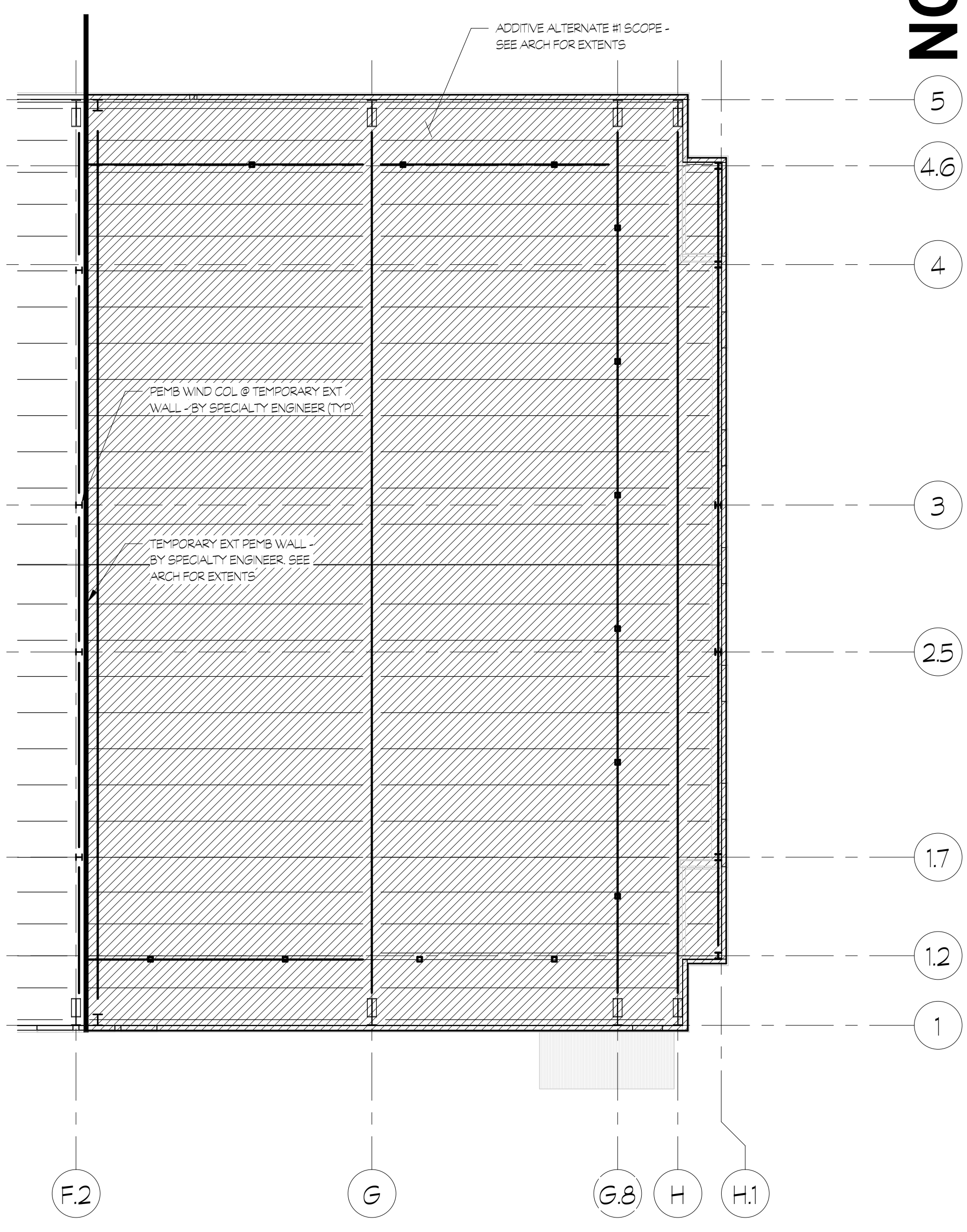


1 ADD ALTERNATE #1 FOUNDATION PLAN
S2.02 3/32 = 1'-0"

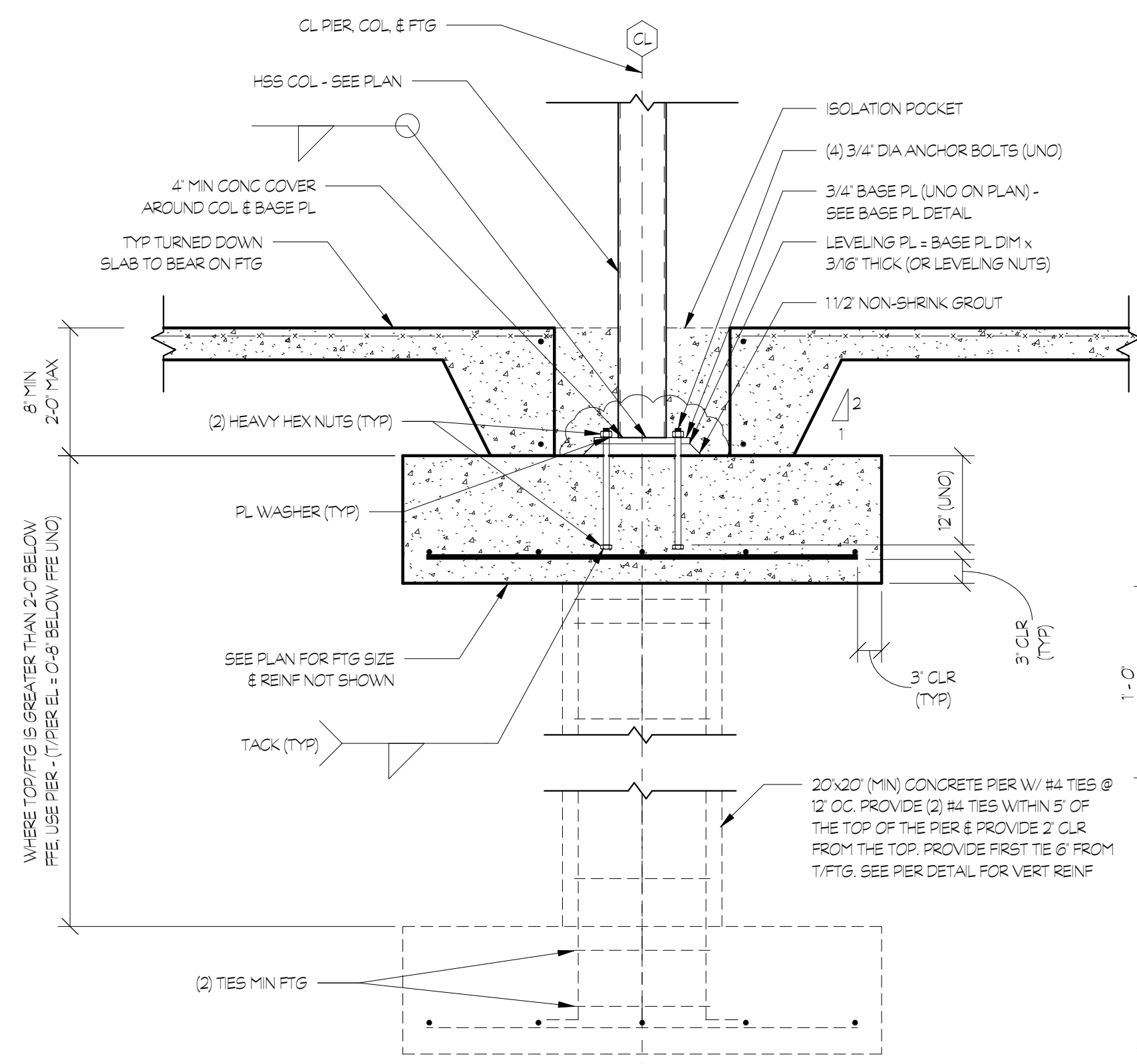
NOTE: SEE STRUCTURAL PLANS FOR INFO NOT SHOWN



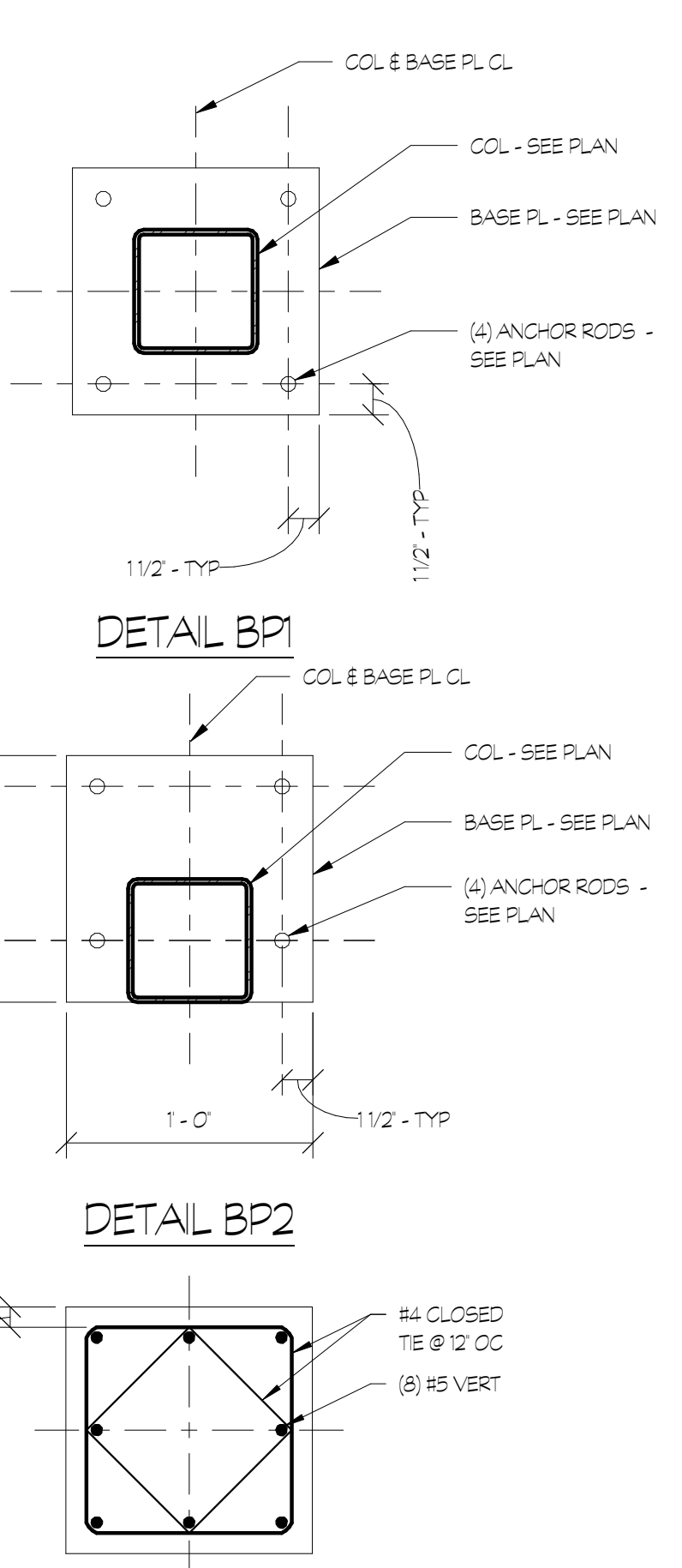
2 ADD ALTERNATE #1 SECOND FLOOR FRAMING PLAN
S2.02 3/32 = 1'-0"



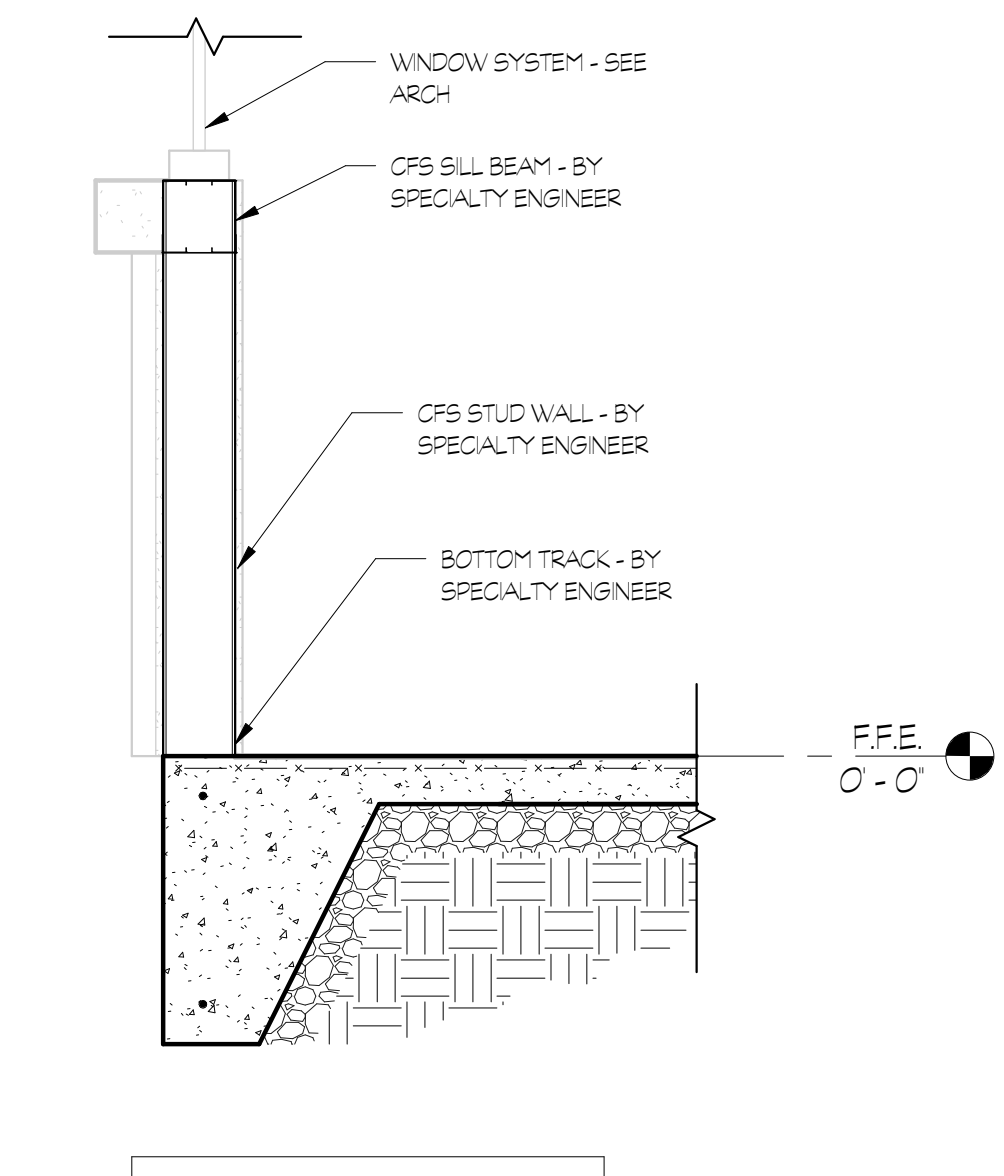
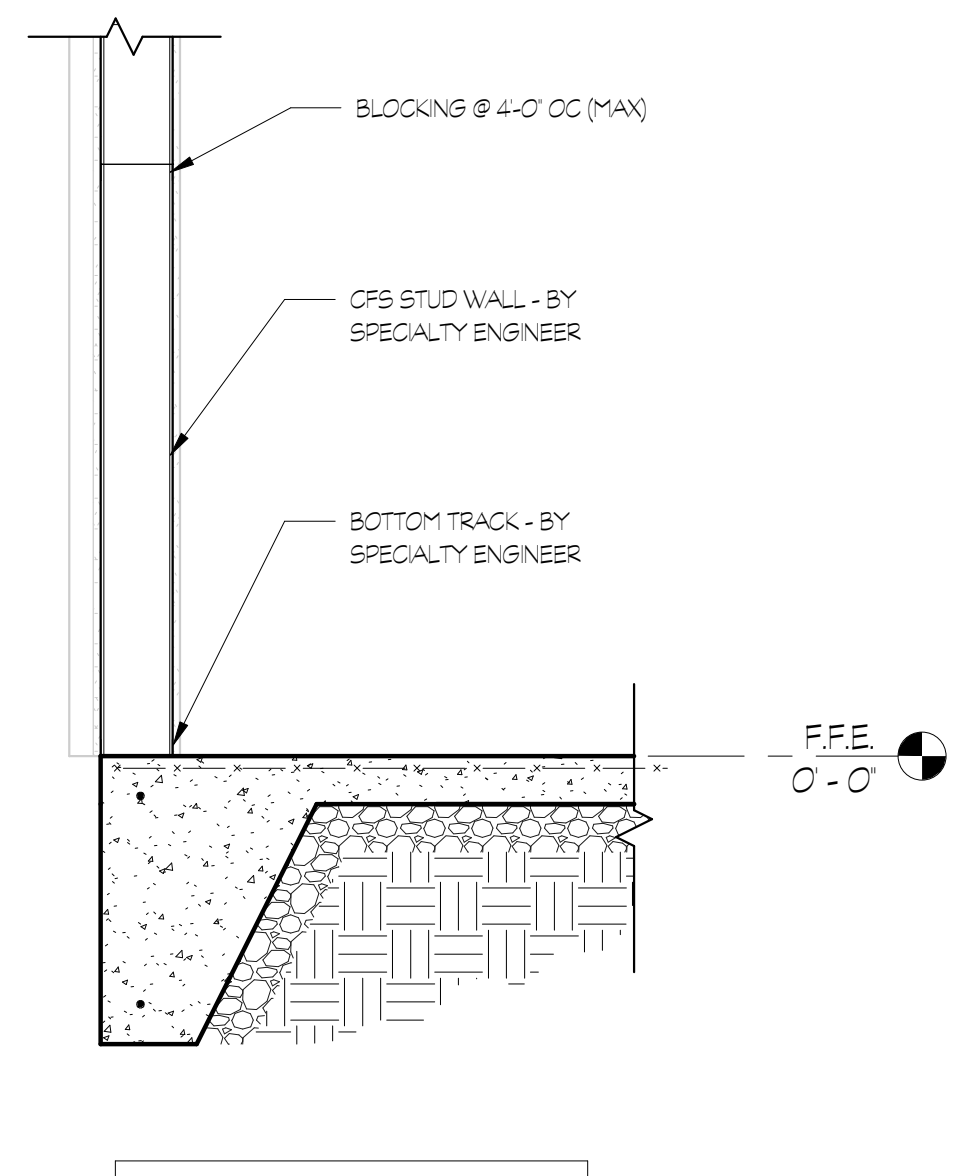
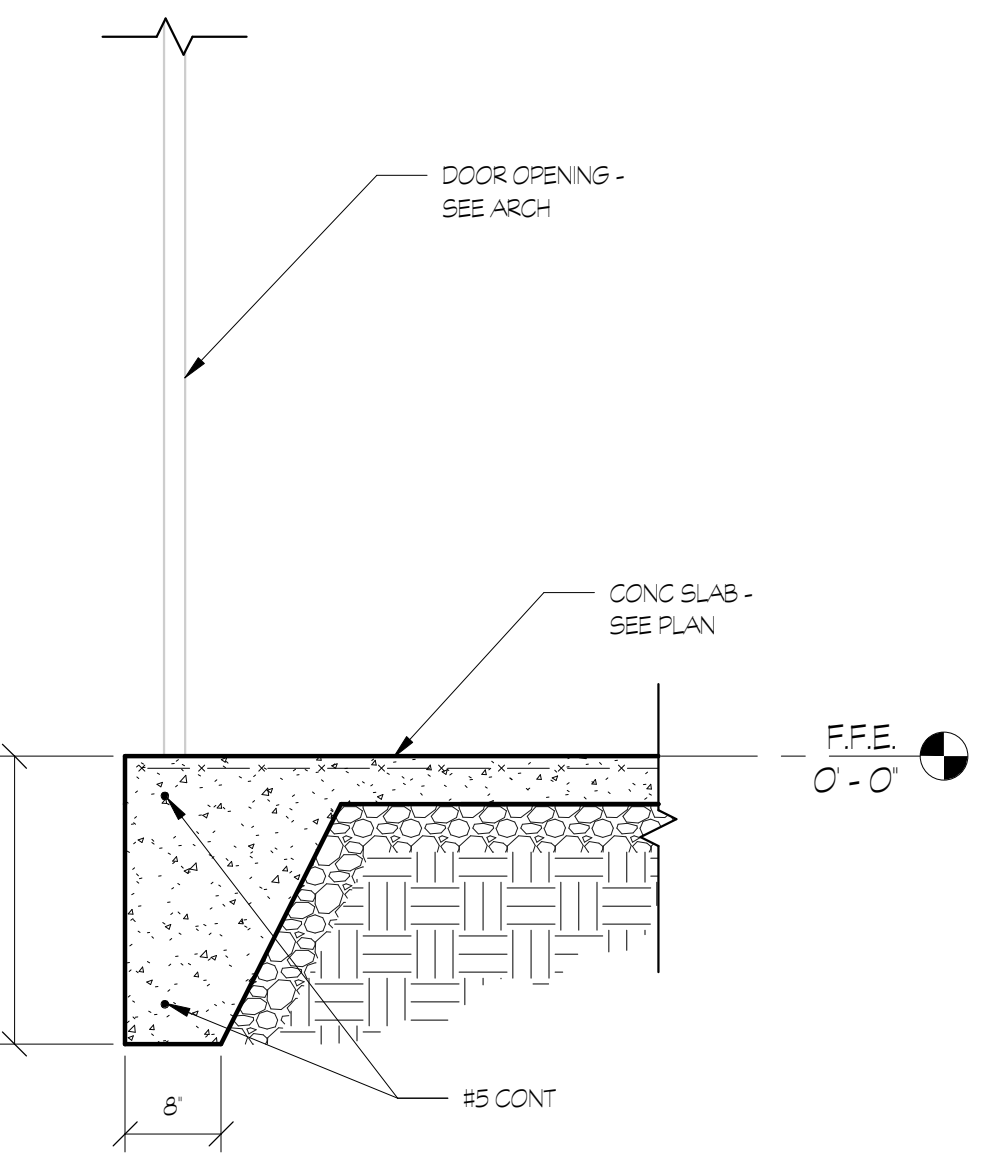
3 ADD ALTERNATE #1 ROOF FRAMING PLAN
S2.02 3/32 = 1'-0"



1 TYP STEEL COLUMN SECTION
S3.01 3/4" = 1'-0"

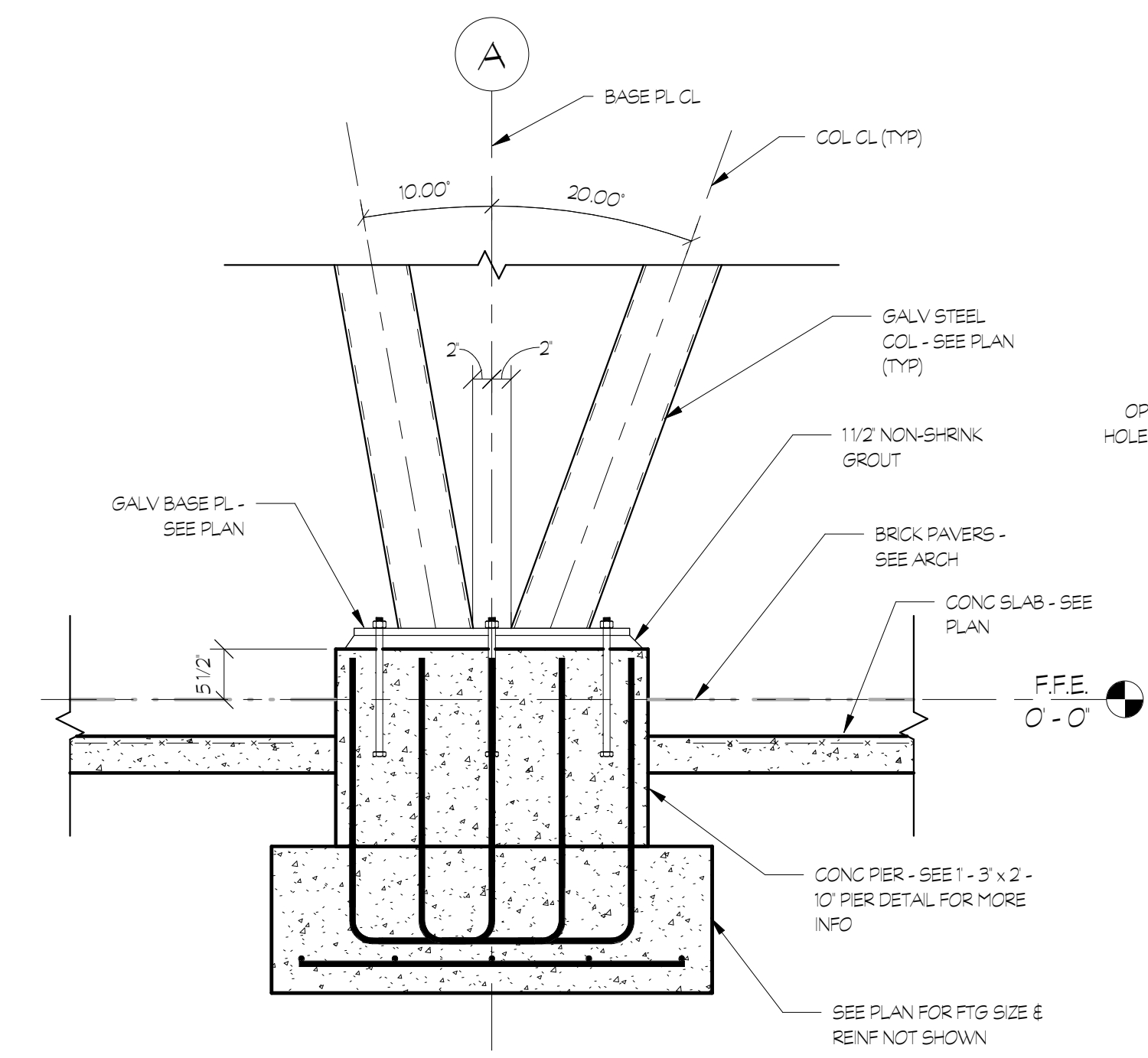


2 SECTION
S3.01 3/4" = 1'-0"

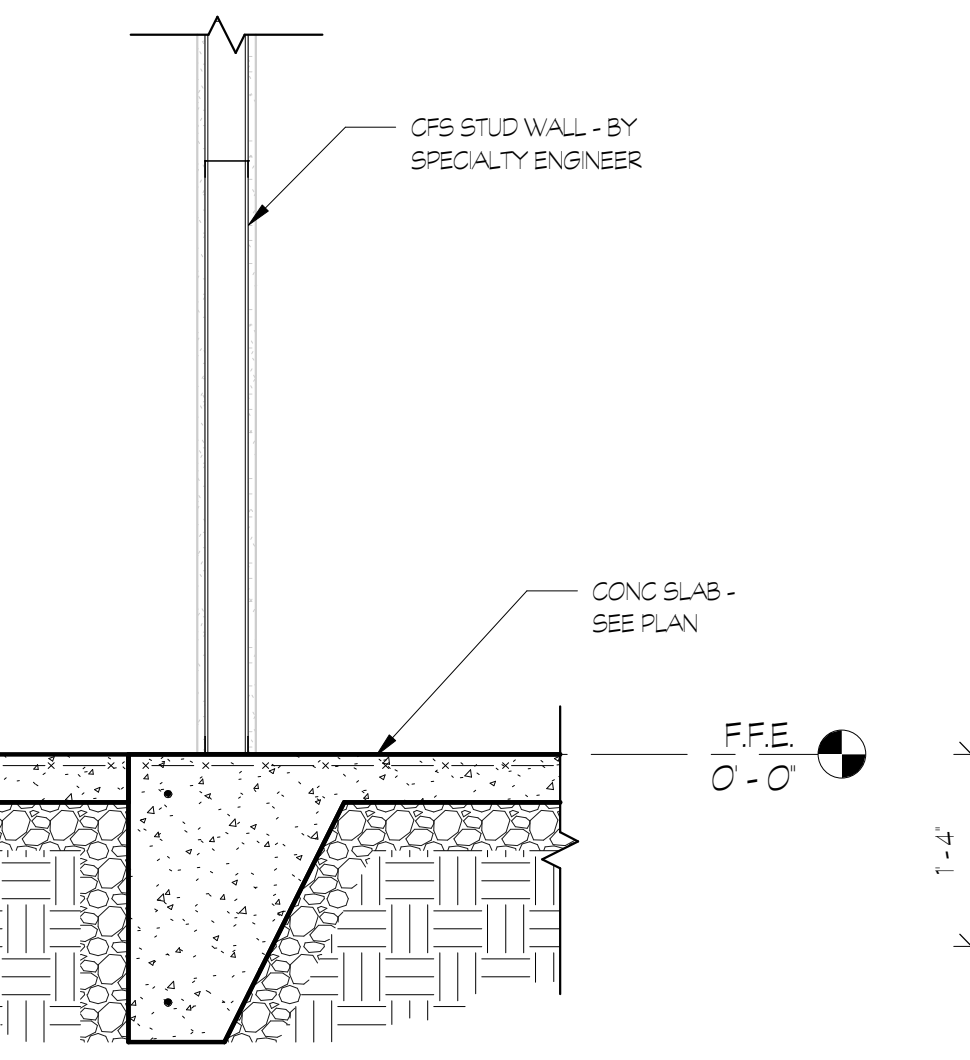
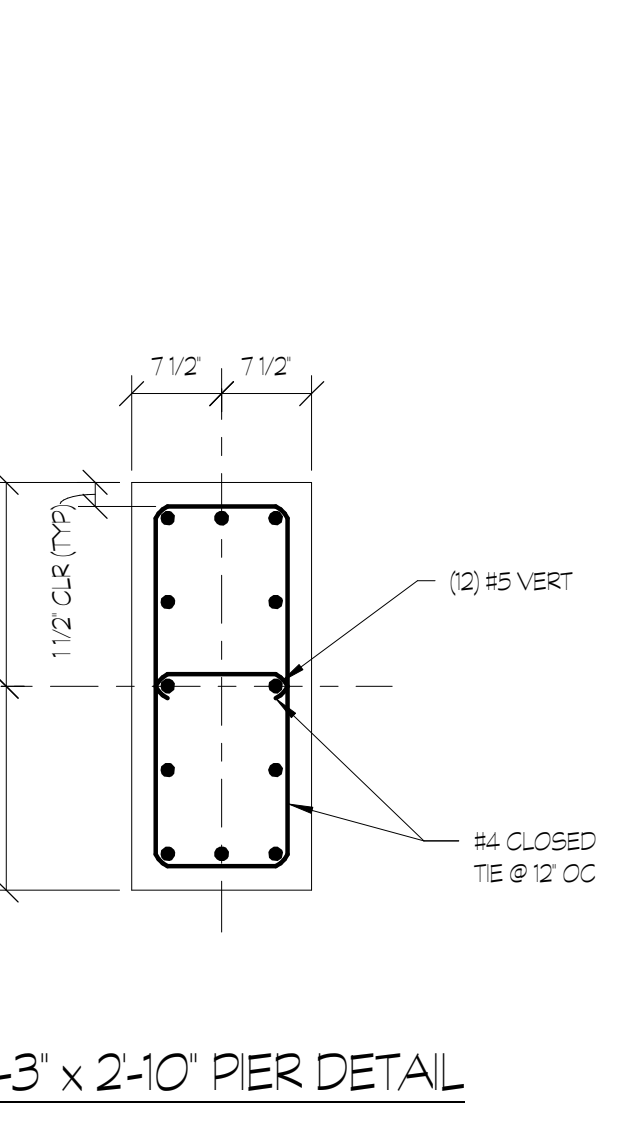
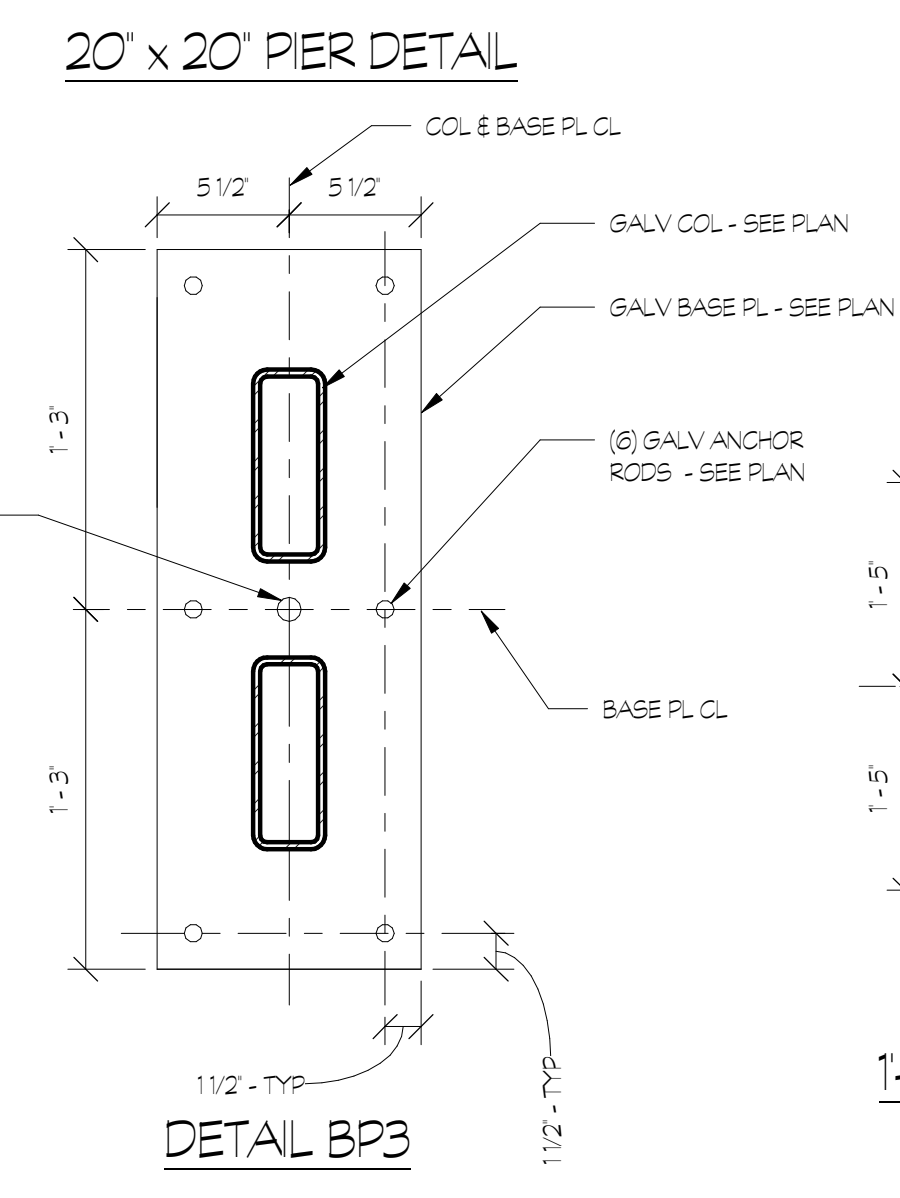


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S3.01 3/4" = 1'-0"

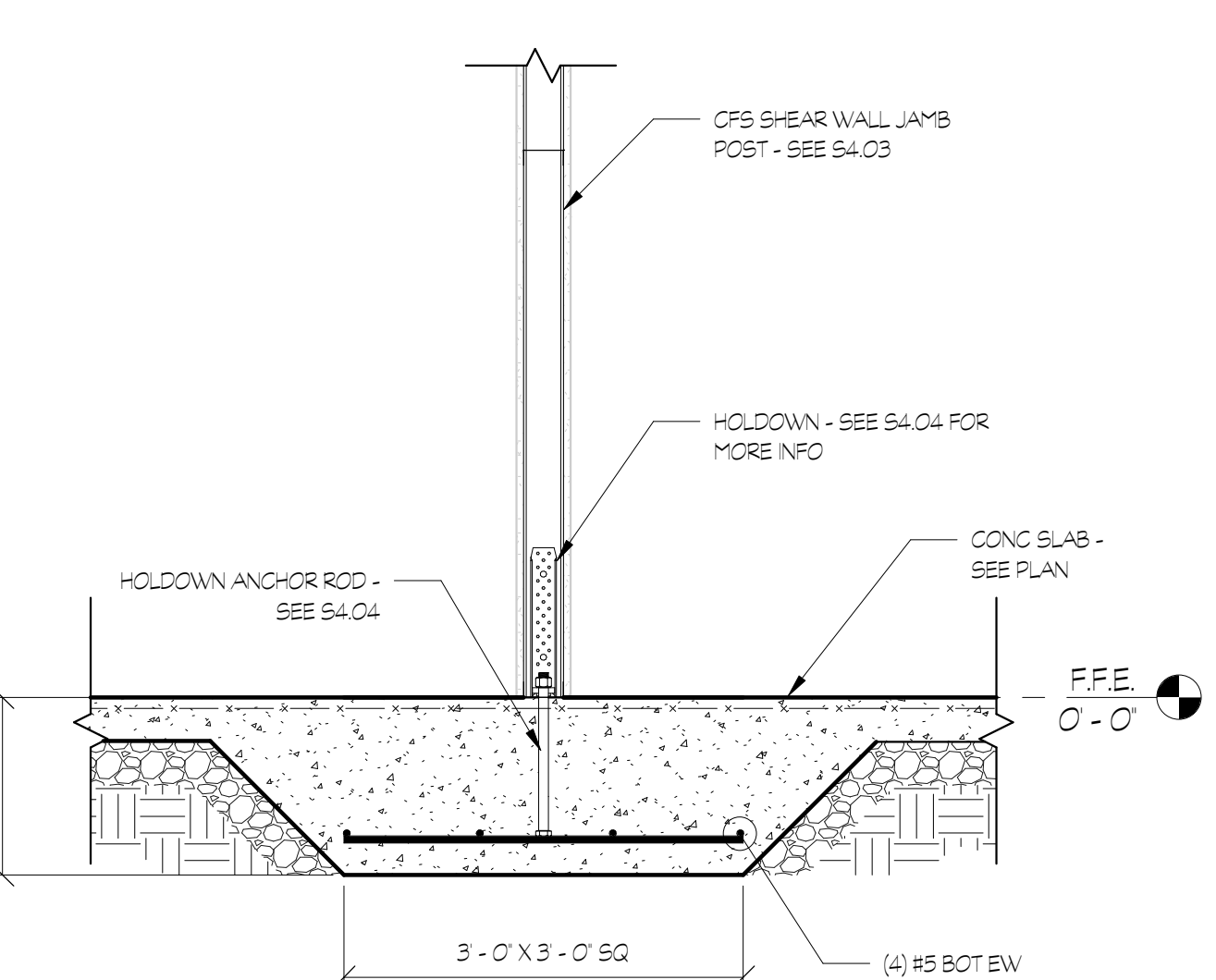
4 SECTION
S3.01 3/4" = 1'-0"



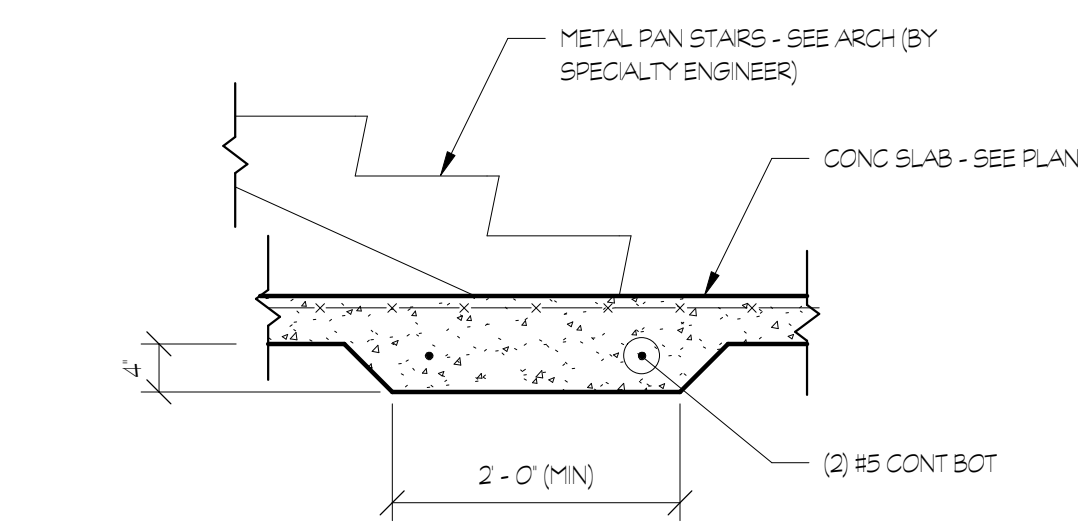
5 SECTION
S3.01 3/4" = 1'-0"



6 SECTION
S3.01 3/4" = 1'-0"



7 SECTION
S3.01 3/4" = 1'-0"



A DETAIL
S3.01 3/4" = 1'-0"

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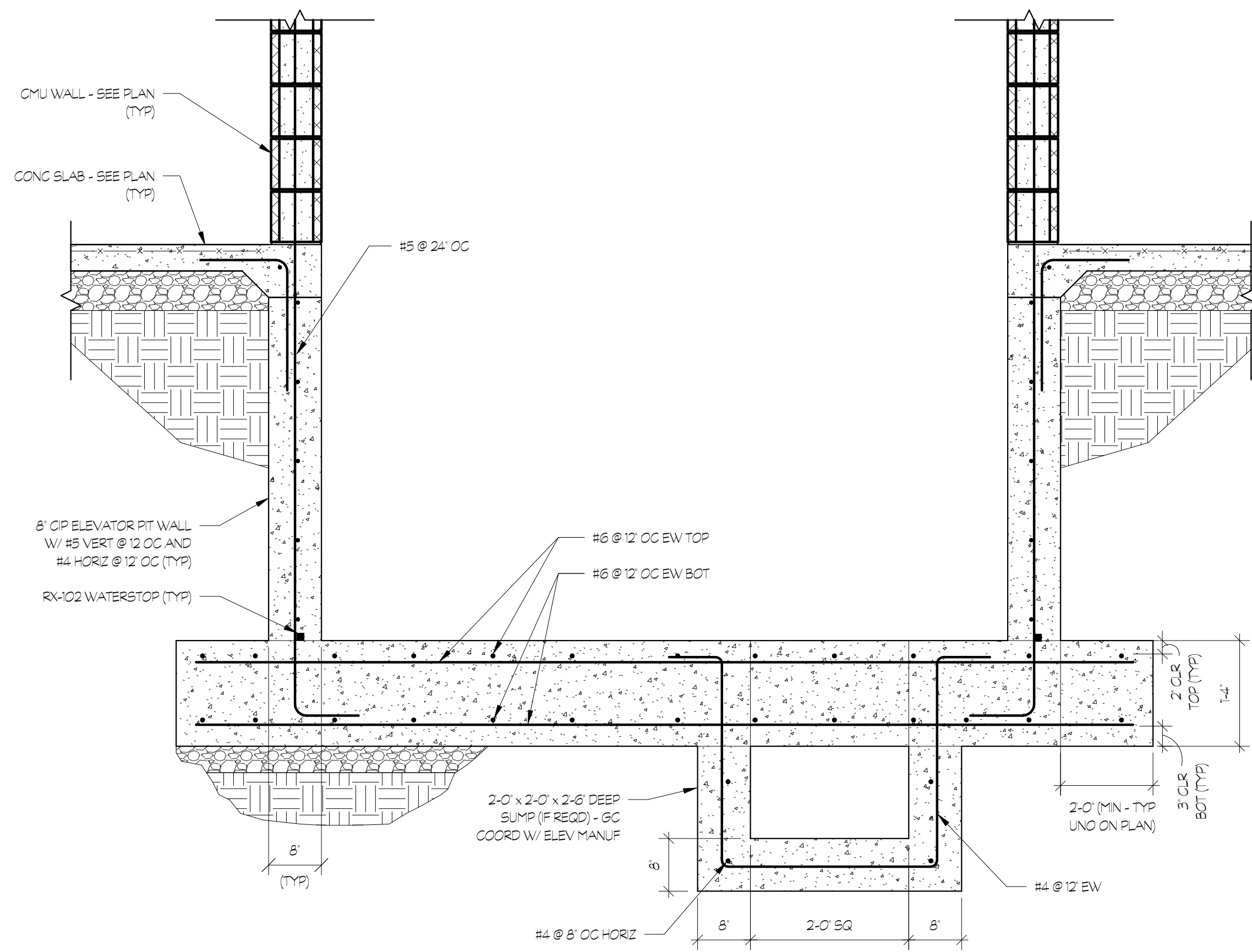
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NO	DESCRIPTION

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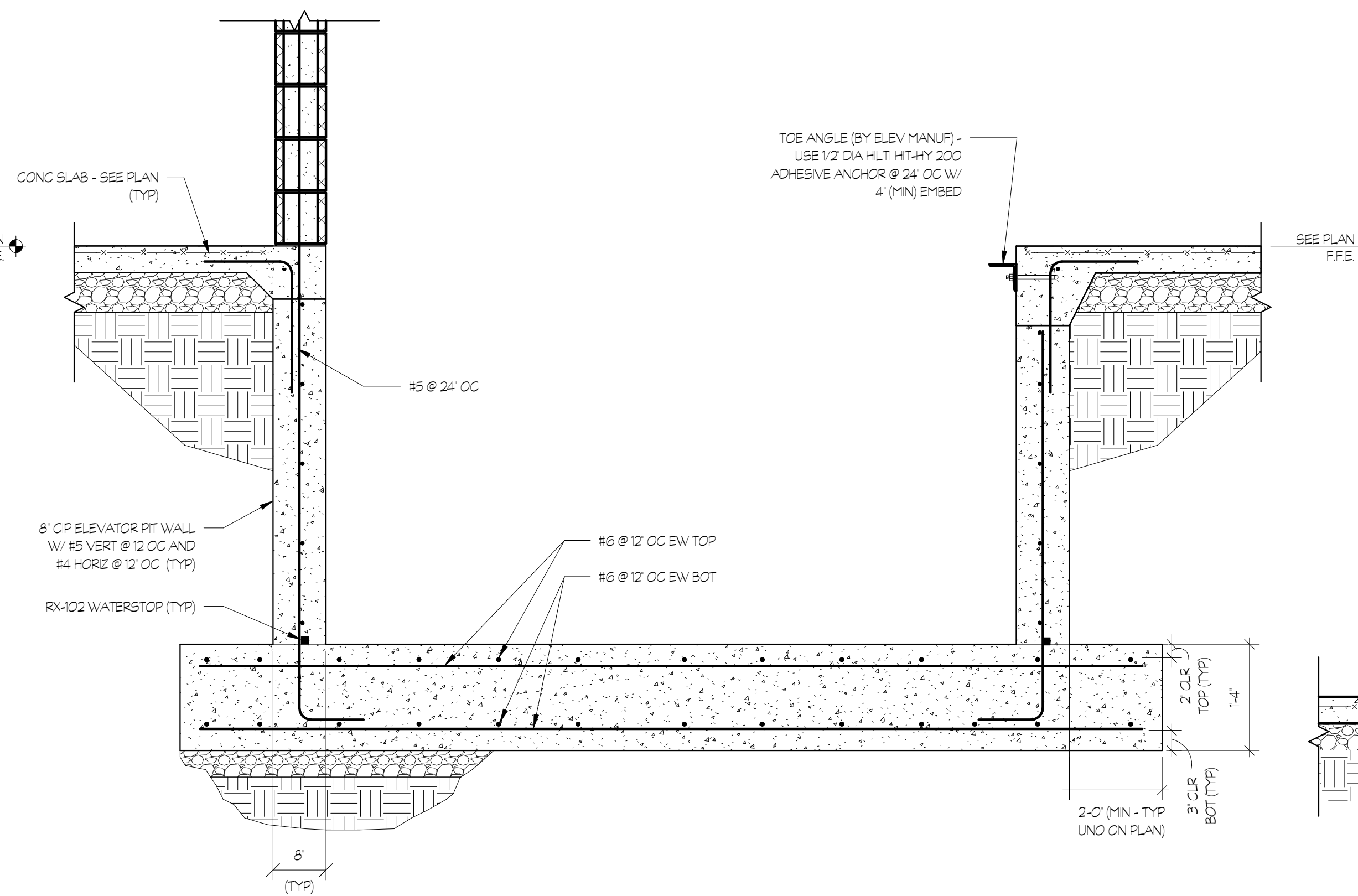
SHEET TITLE
SECTIONS & DETAILS

PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO.	

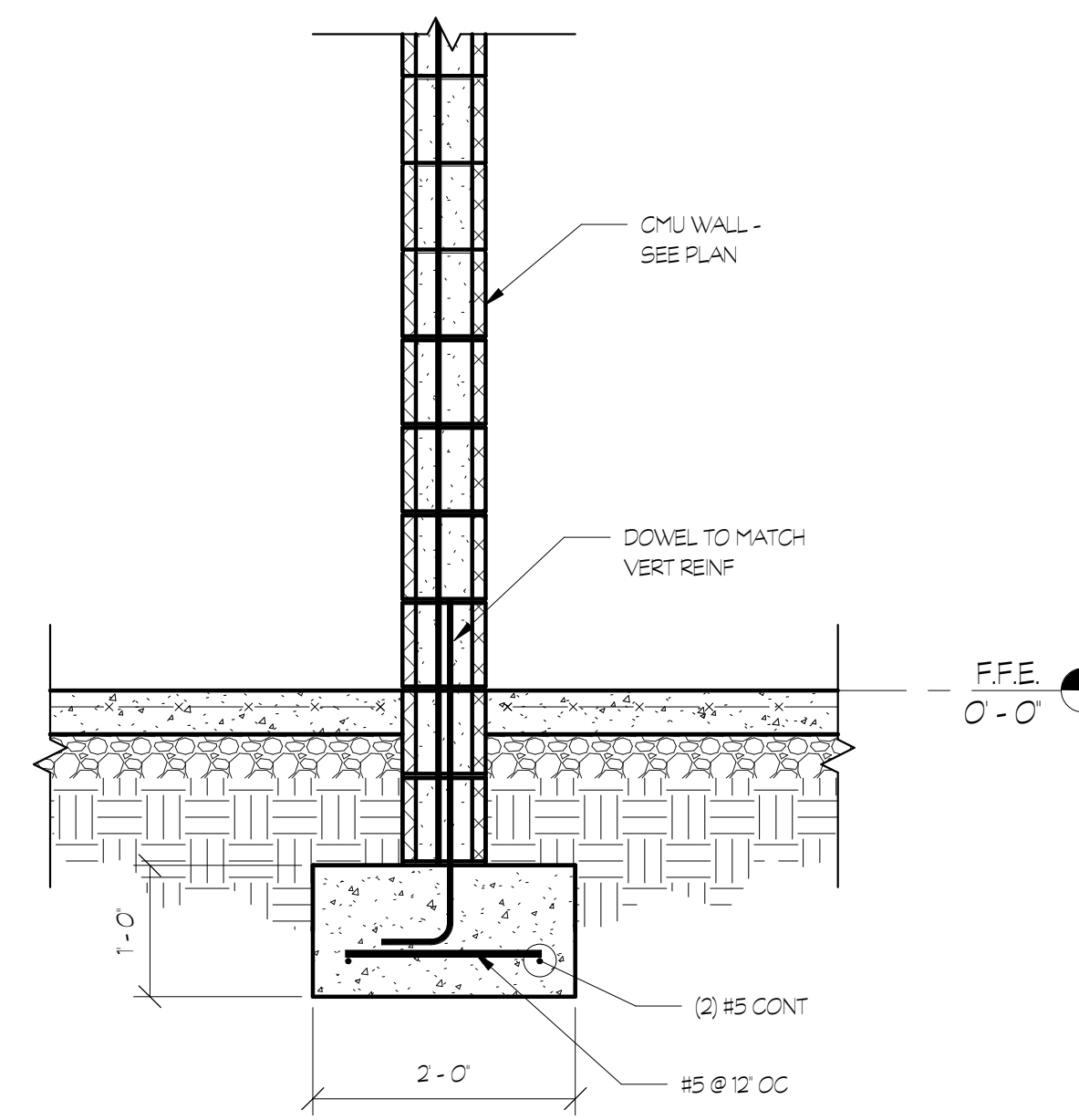
S3.01



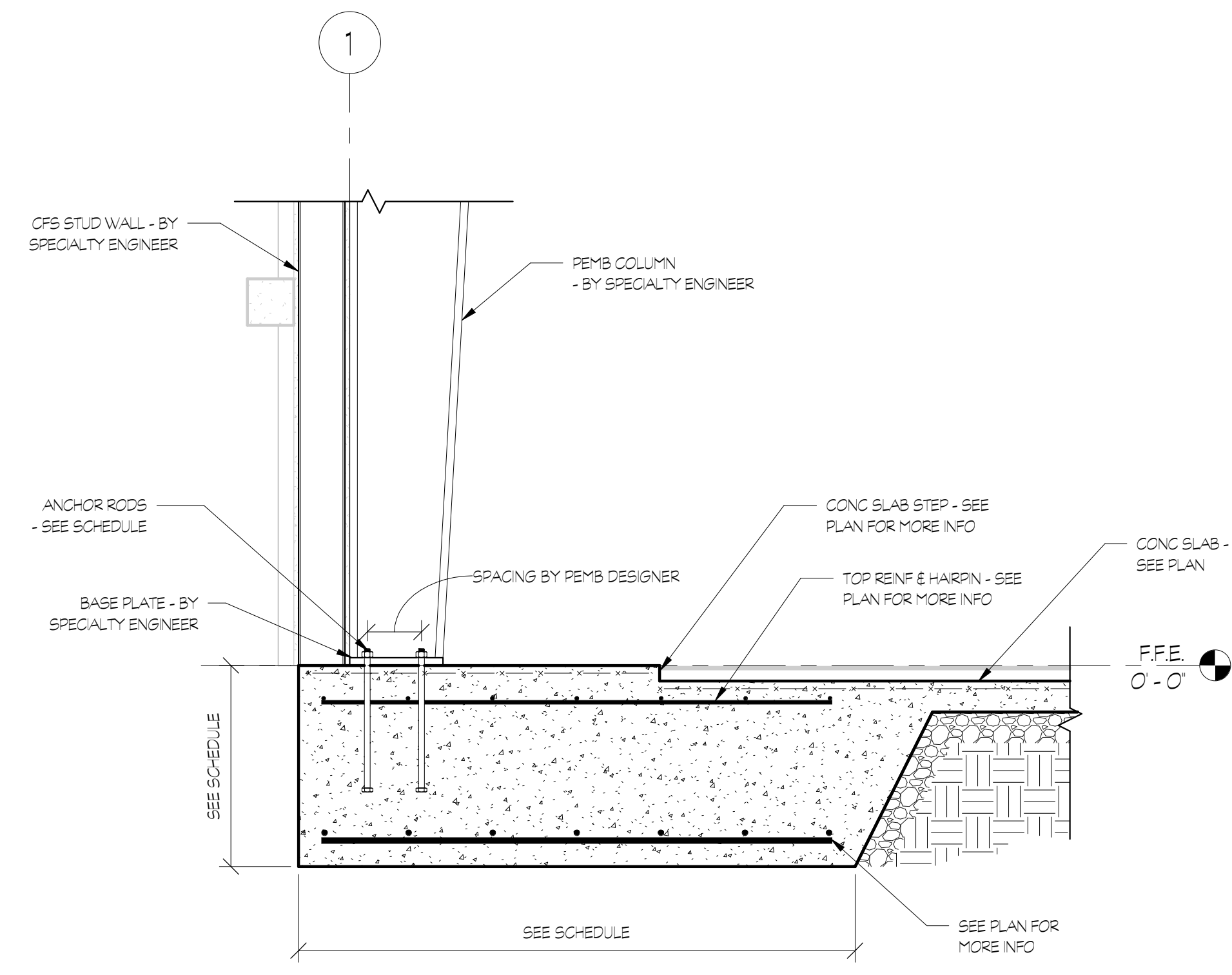
1 ELEVATOR SECTION
S3.02 3/4" = 1'-0"



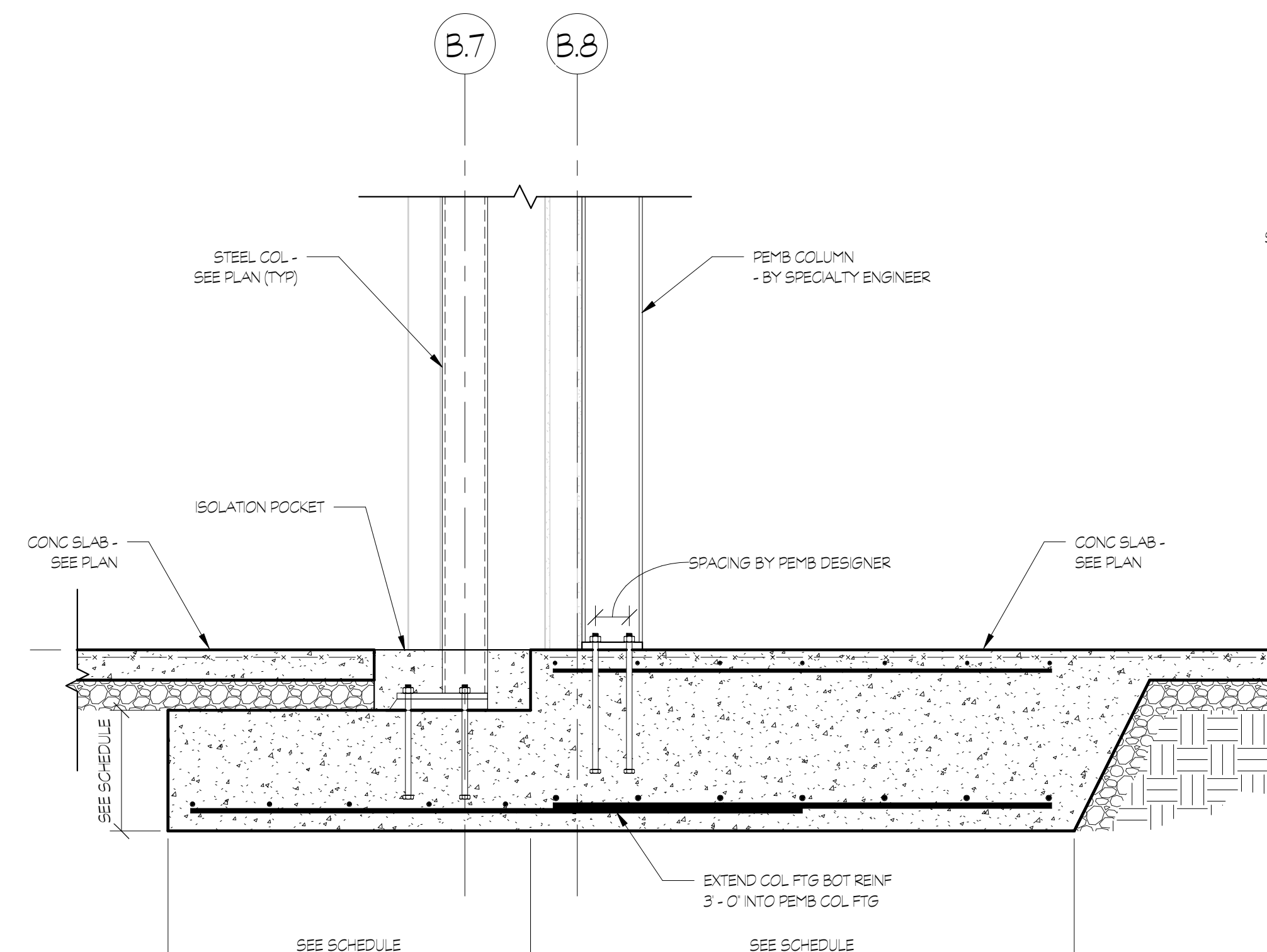
2 ELEVATOR SECTION
S3.02 3/4" = 1'-0"



3 SECTION
S3.02 3/4" = 1'-0"

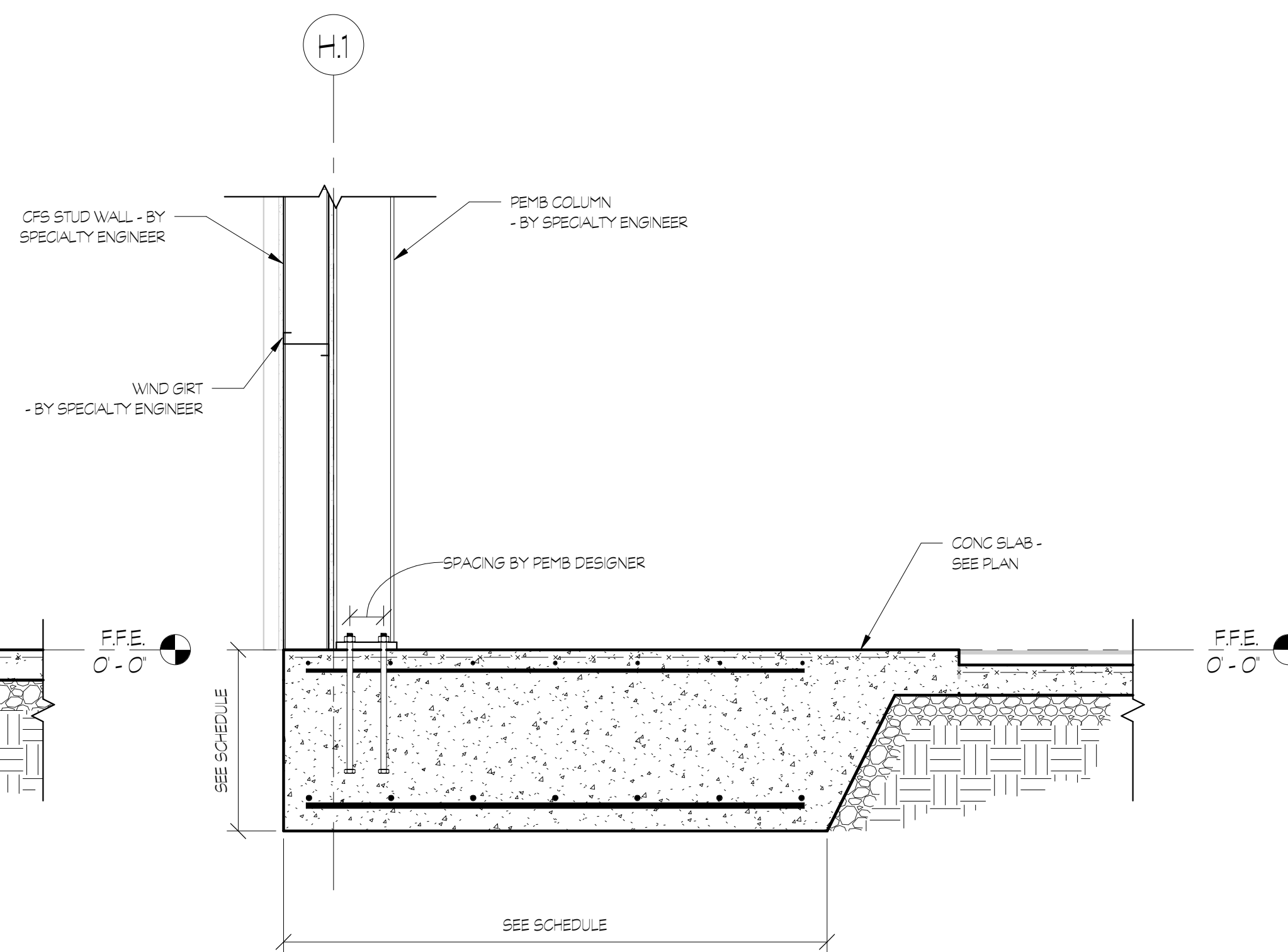


4 SECTION
S3.02 3/4" = 1'-0"



NOTE: SEE 4/S3.02 FOR INFO NOT SHOWN

5 SECTION
S3.02 3/4" = 1'-0"



NOTE: SEE 4/S3.02 FOR INFO NOT SHOWN

6 SECTION
S3.02 3/4" = 1'-0"

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NO.	DATE	DESCRIPTION

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SHEET TITLE
SECTIONS & DETAILS

PROJECT NO. 21091	DATE 06/21/2024
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SHEET NO. S3.02	

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NO	DATE	DESCRIPTION

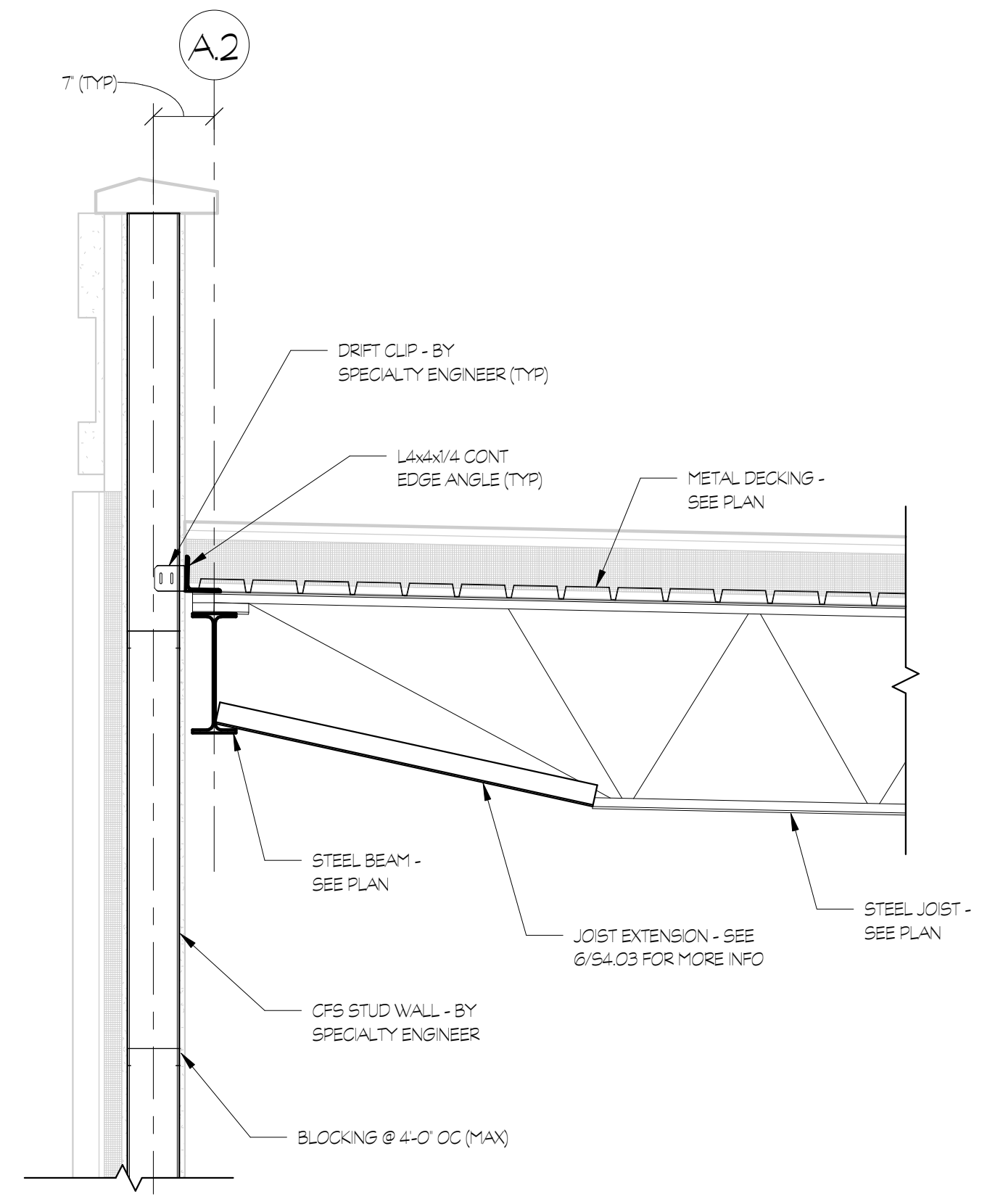
CD PROGRESS

SHEET TITLE
SECTIONS & DETAILS

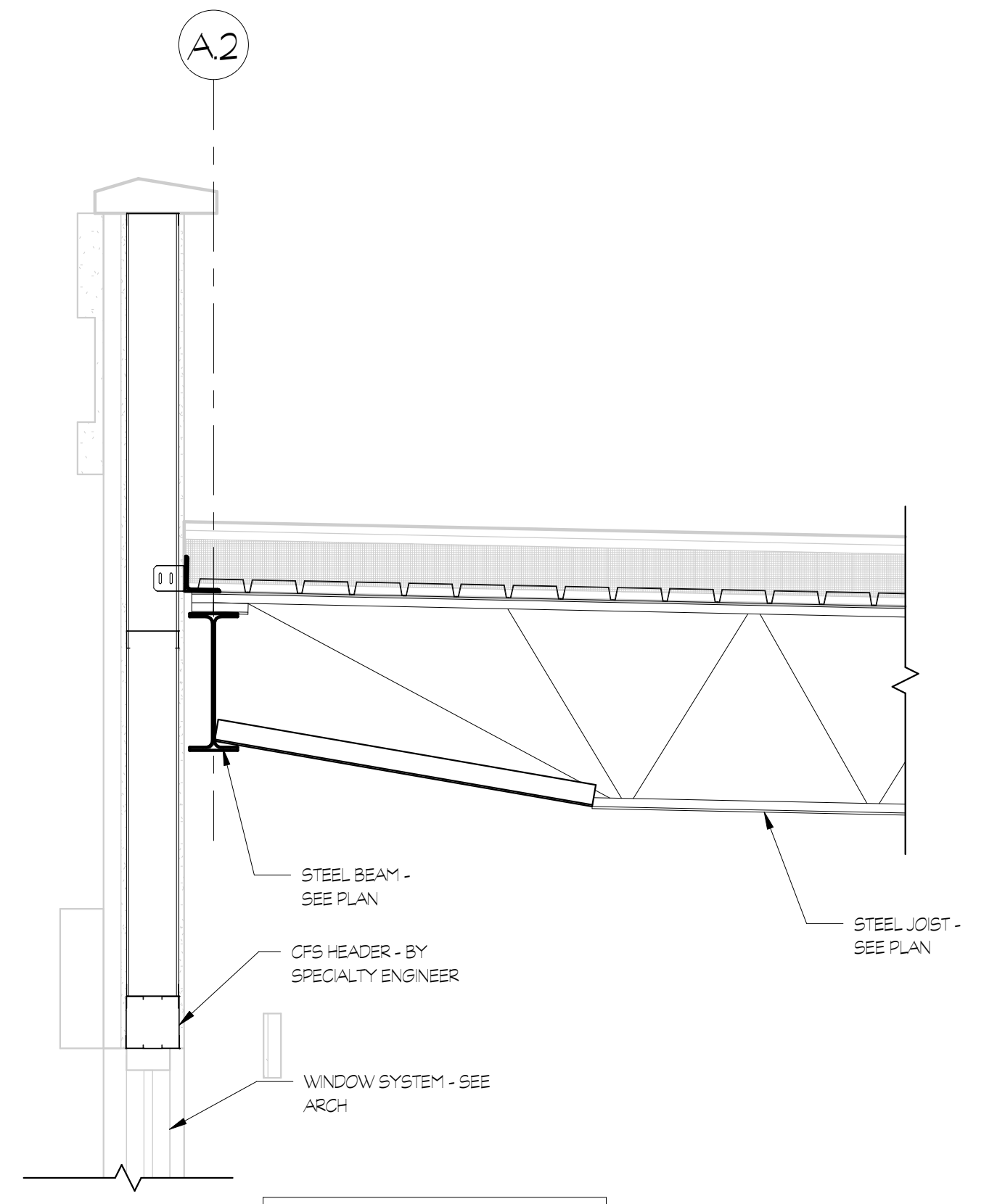
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE 3/4" = 1'-0"
CHECKED BY WJP	SHEET NO.

S3.03

NOT FOR CONSTRUCTION

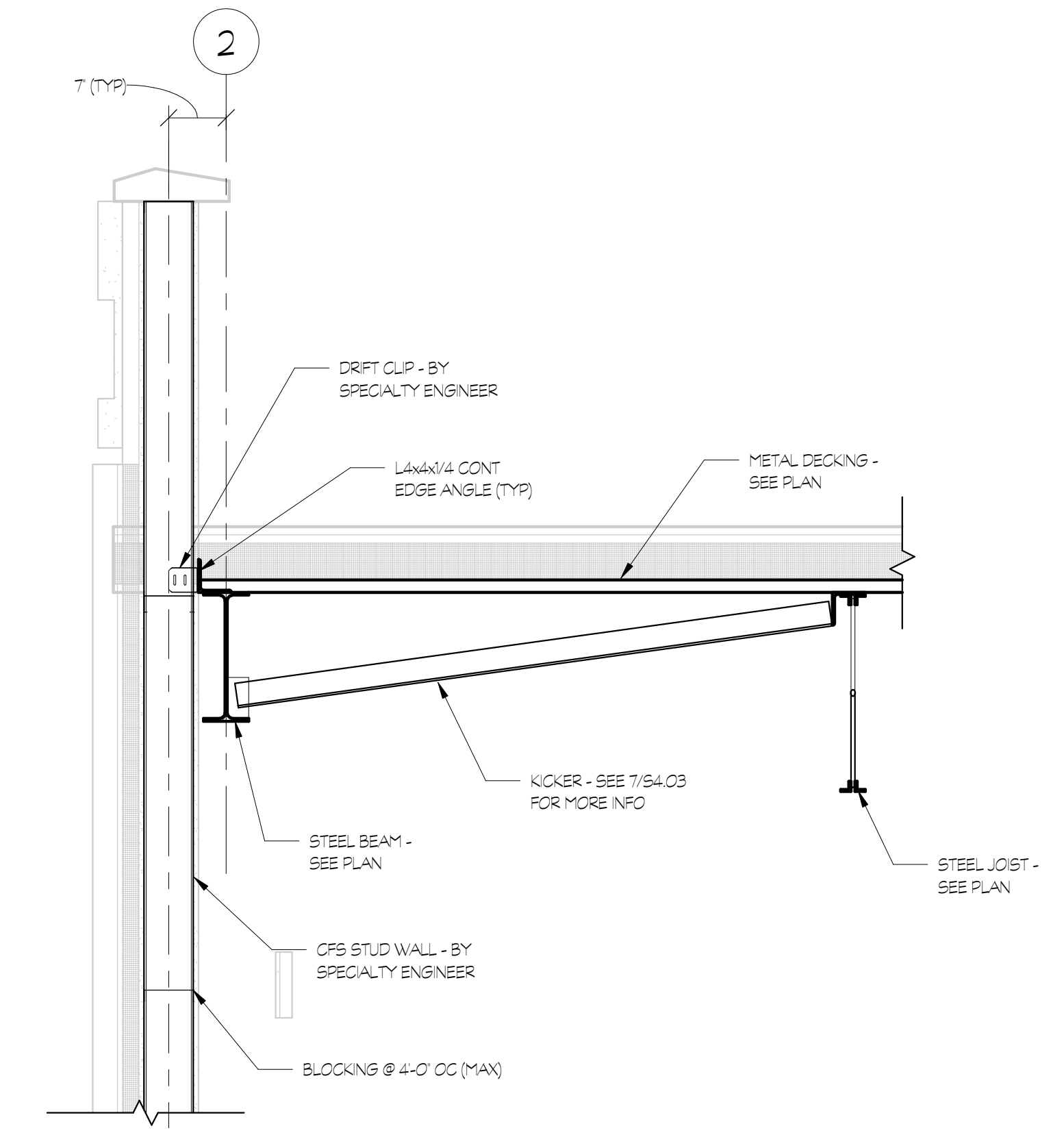


1 SECTION
S3.03 3/4" = 1'-0"

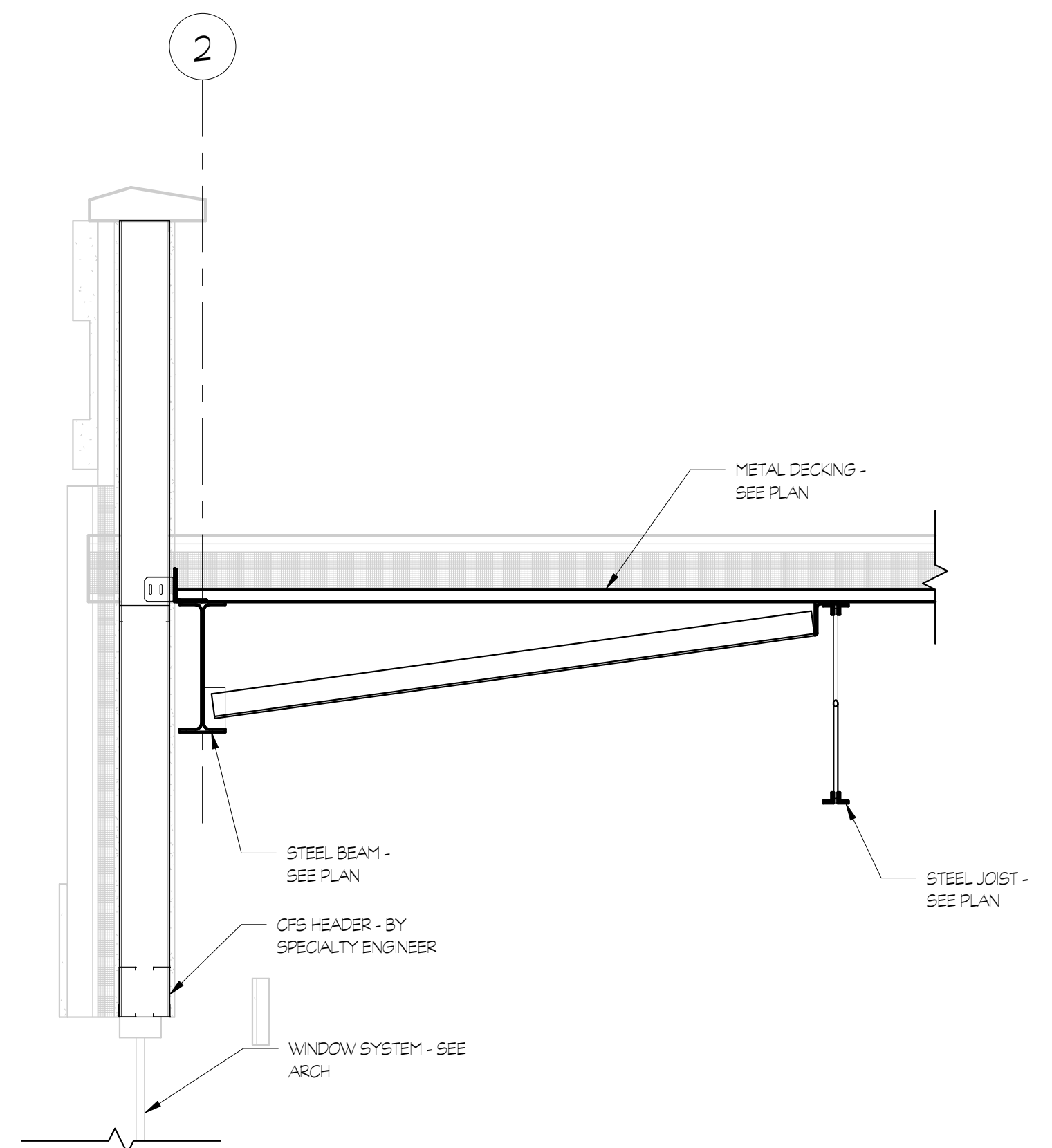


NOTE: SEE 1/53.03 FOR INFO NOT SHOWN

2 SECTION
S3.03 3/4" = 1'-0"

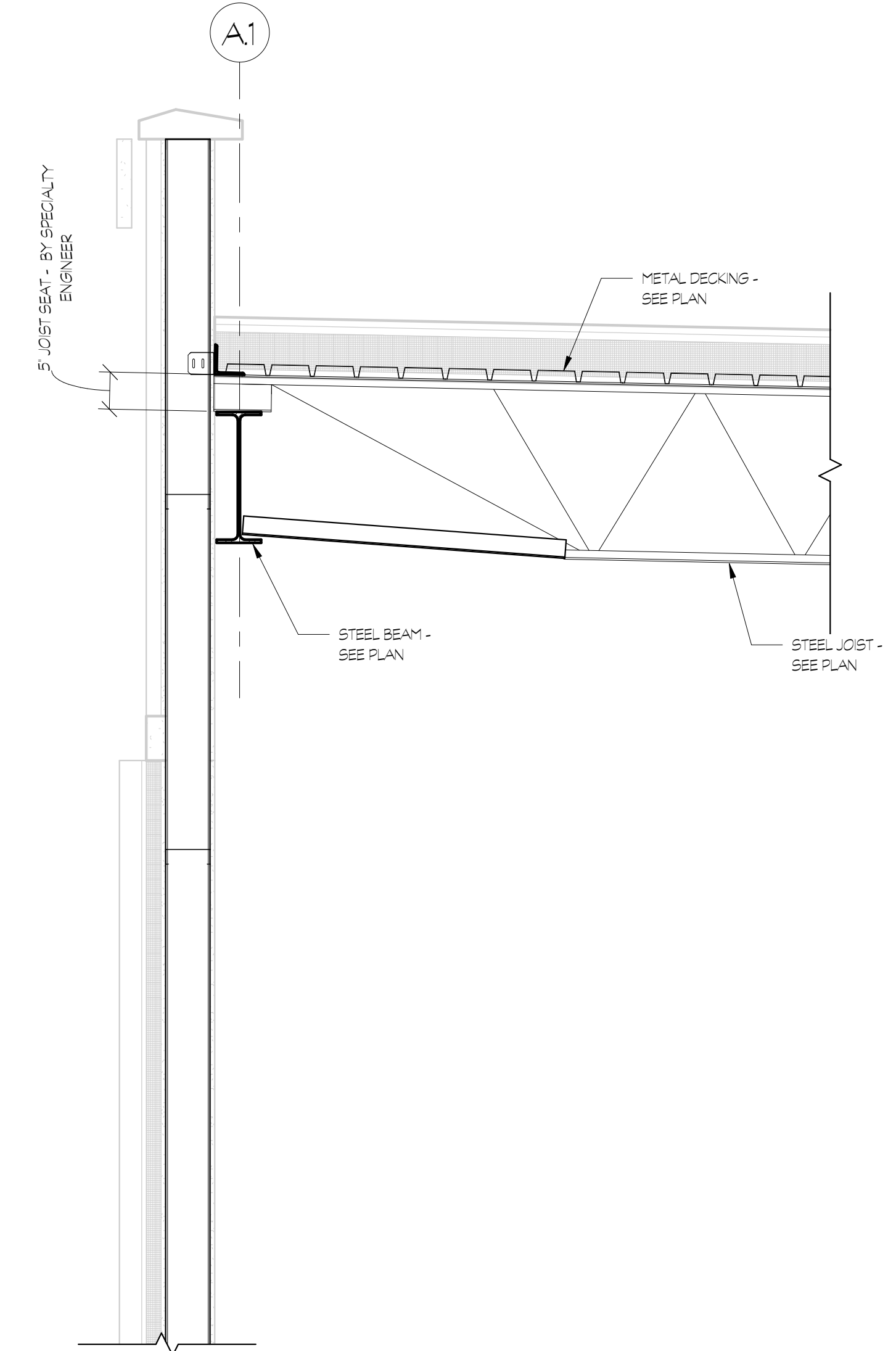


3 SECTION
S3.03 3/4" = 1'-0"



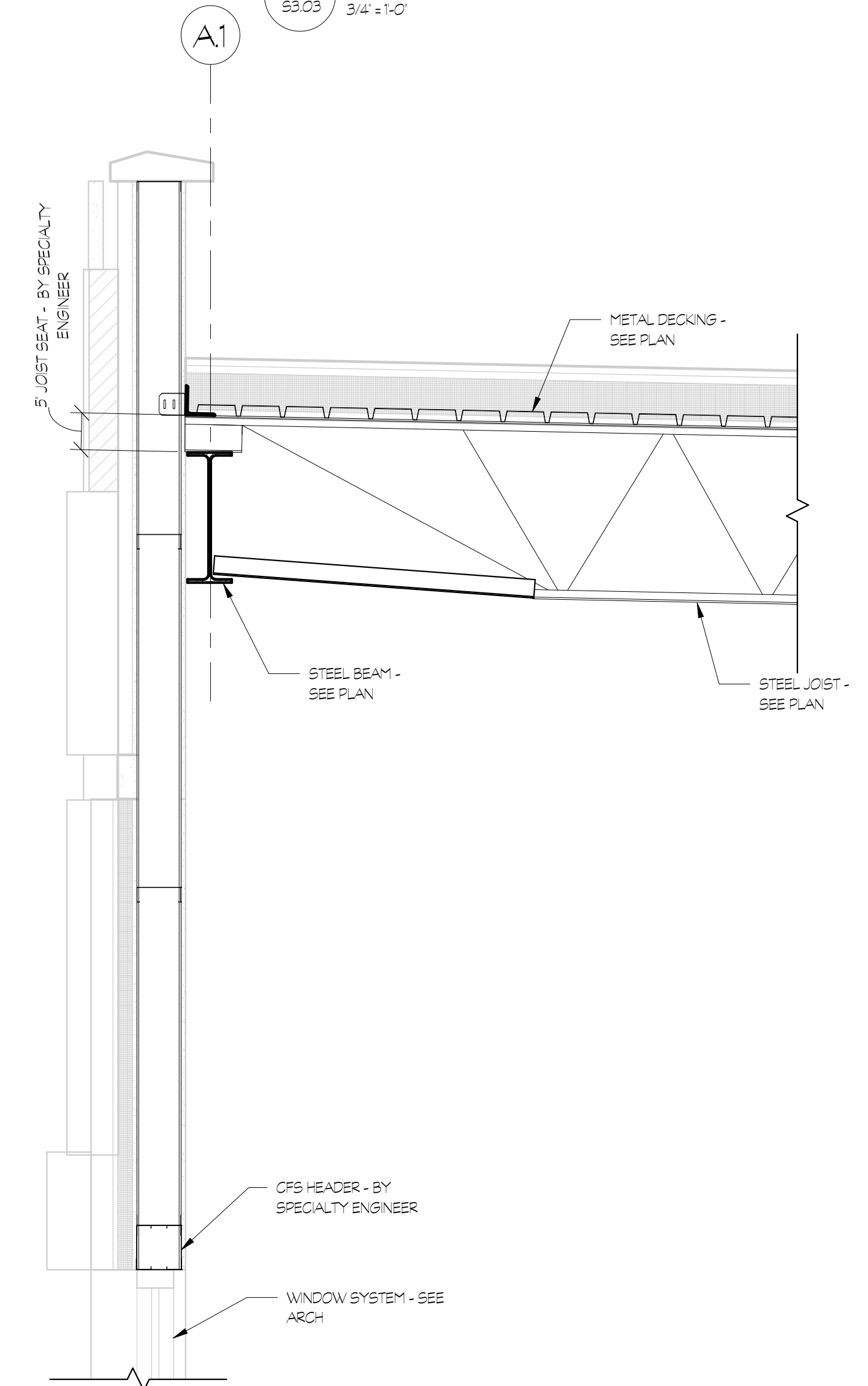
NOTE: SEE 3/53.03 FOR INFO NOT SHOWN

4 SECTION
S3.03 3/4" = 1'-0"



NOTE: SEE 1/53.03 FOR INFO NOT SHOWN

5 SECTION
S3.03 3/4" = 1'-0"



NOTE: SEE 1/53.03 FOR INFO NOT SHOWN

6 SECTION
S3.03 3/4" = 1'-0"

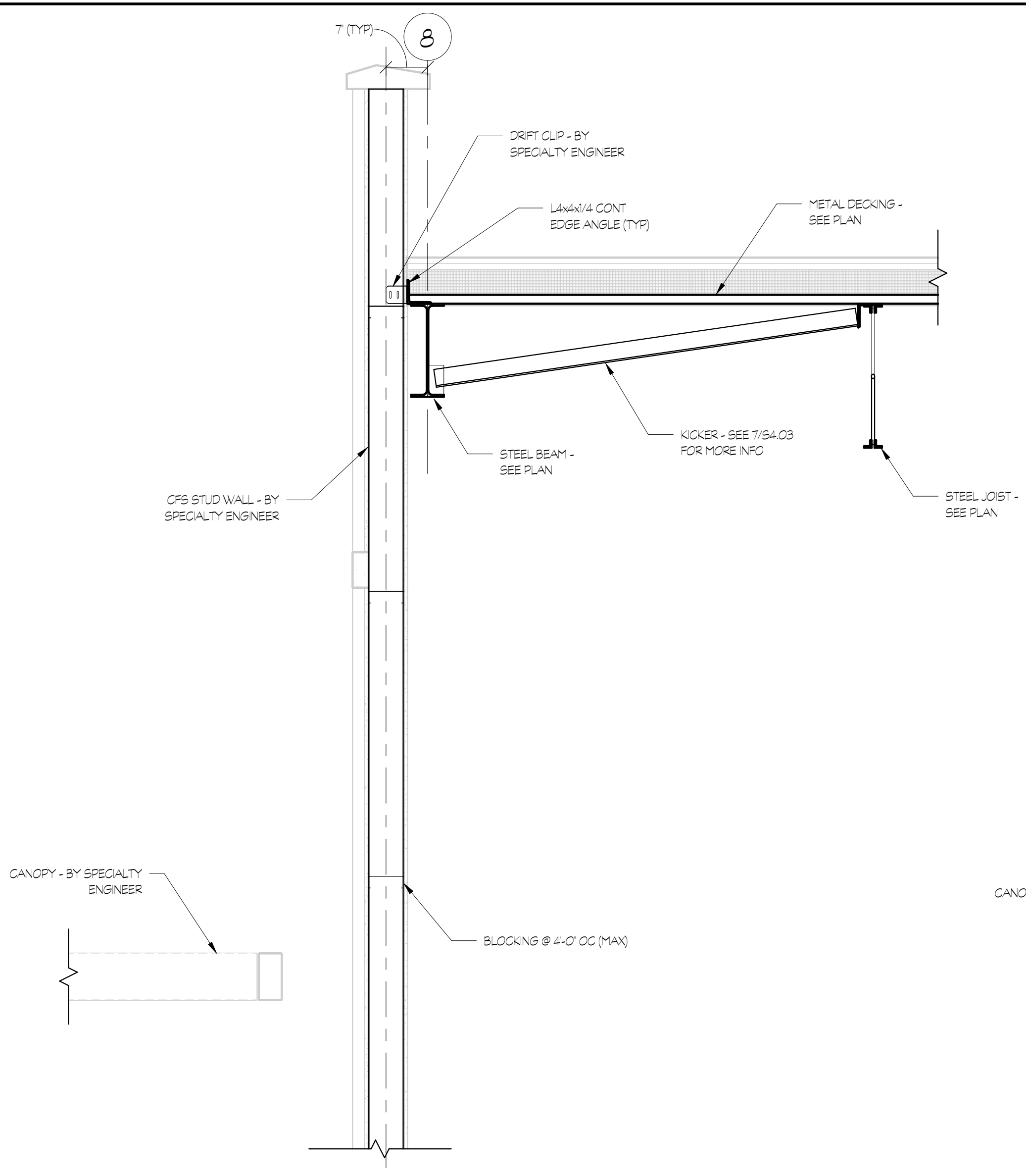
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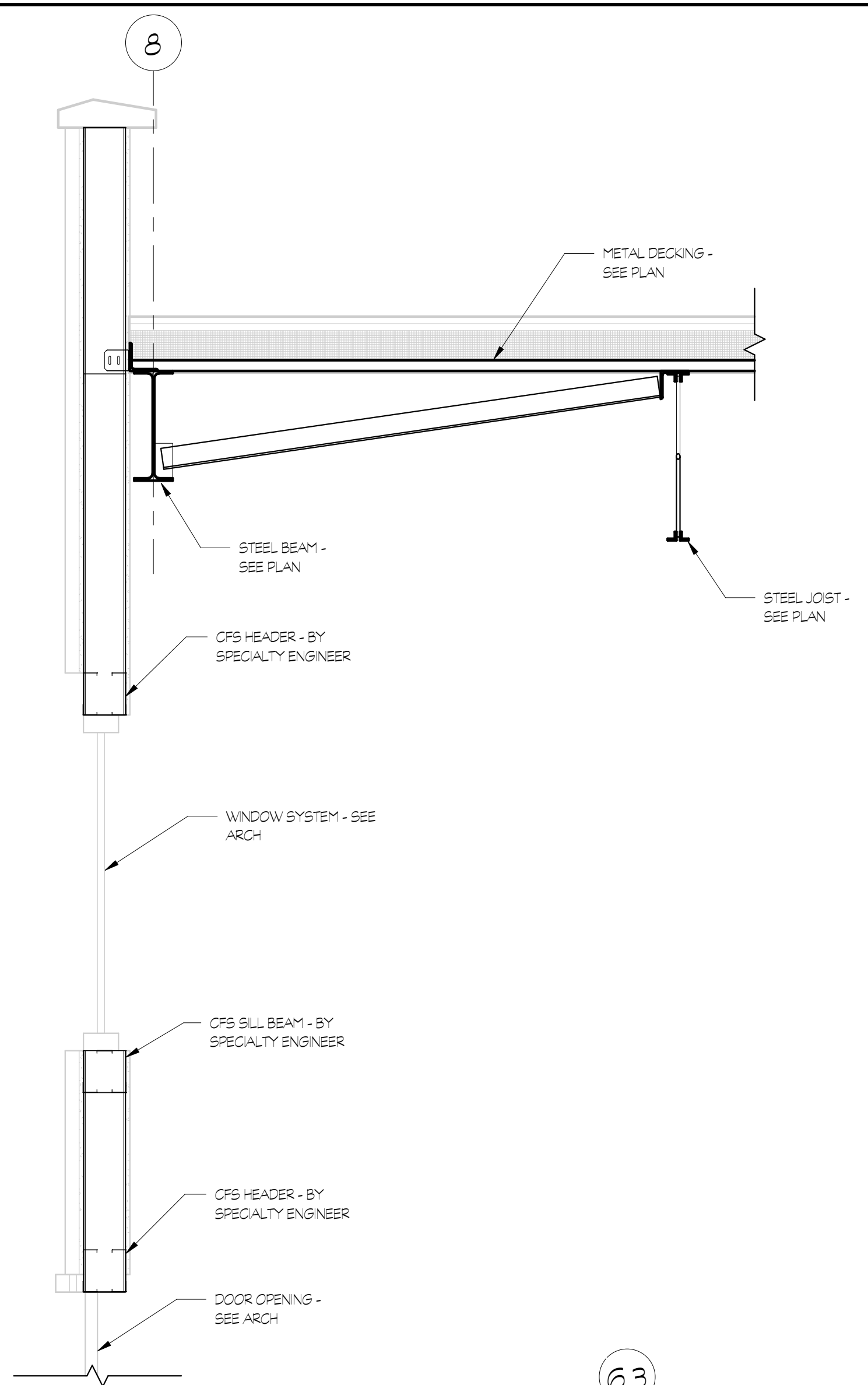
FAYETTE MULTIUSE FACILITY

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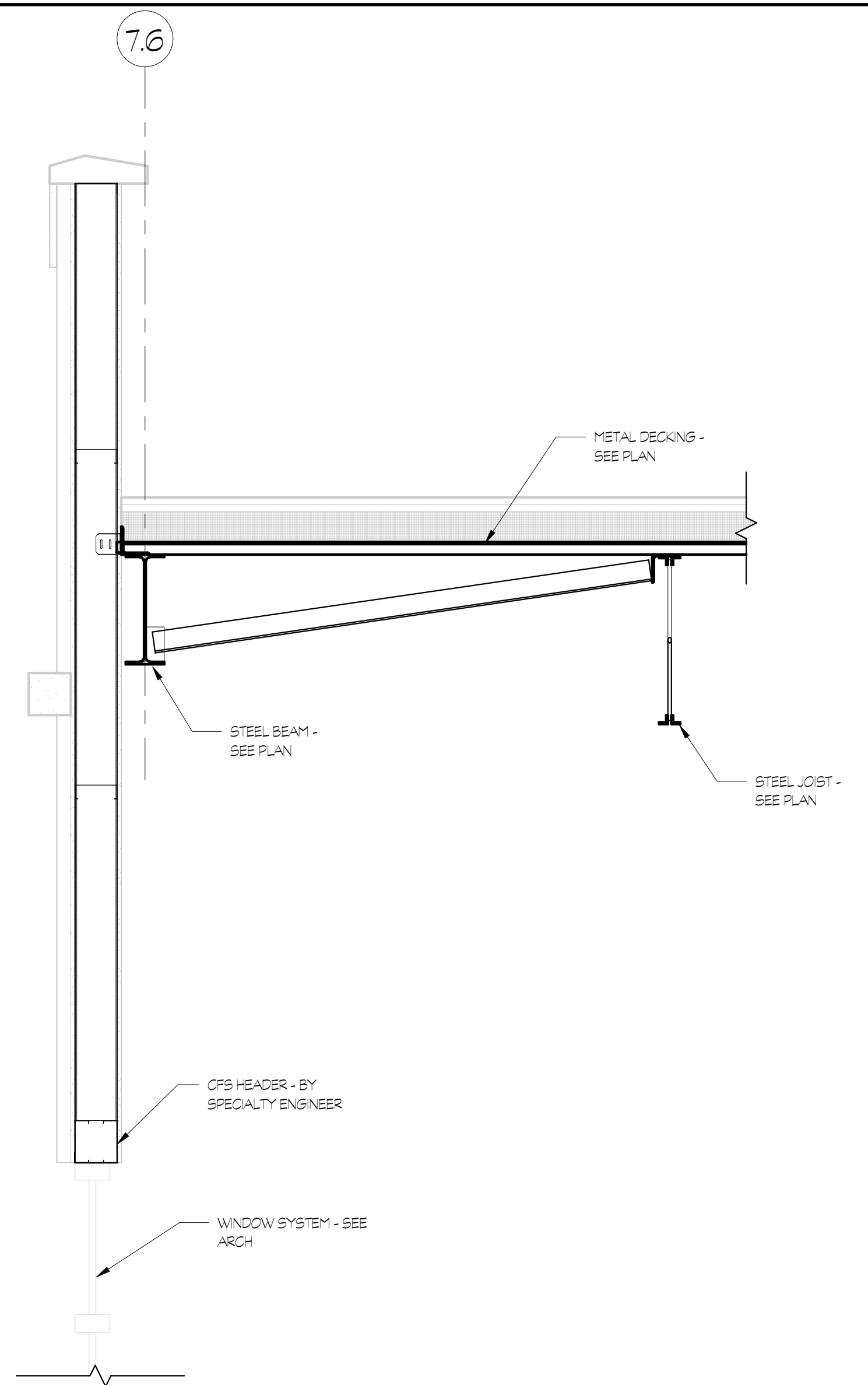
NOT FOR CONSTRUCTION



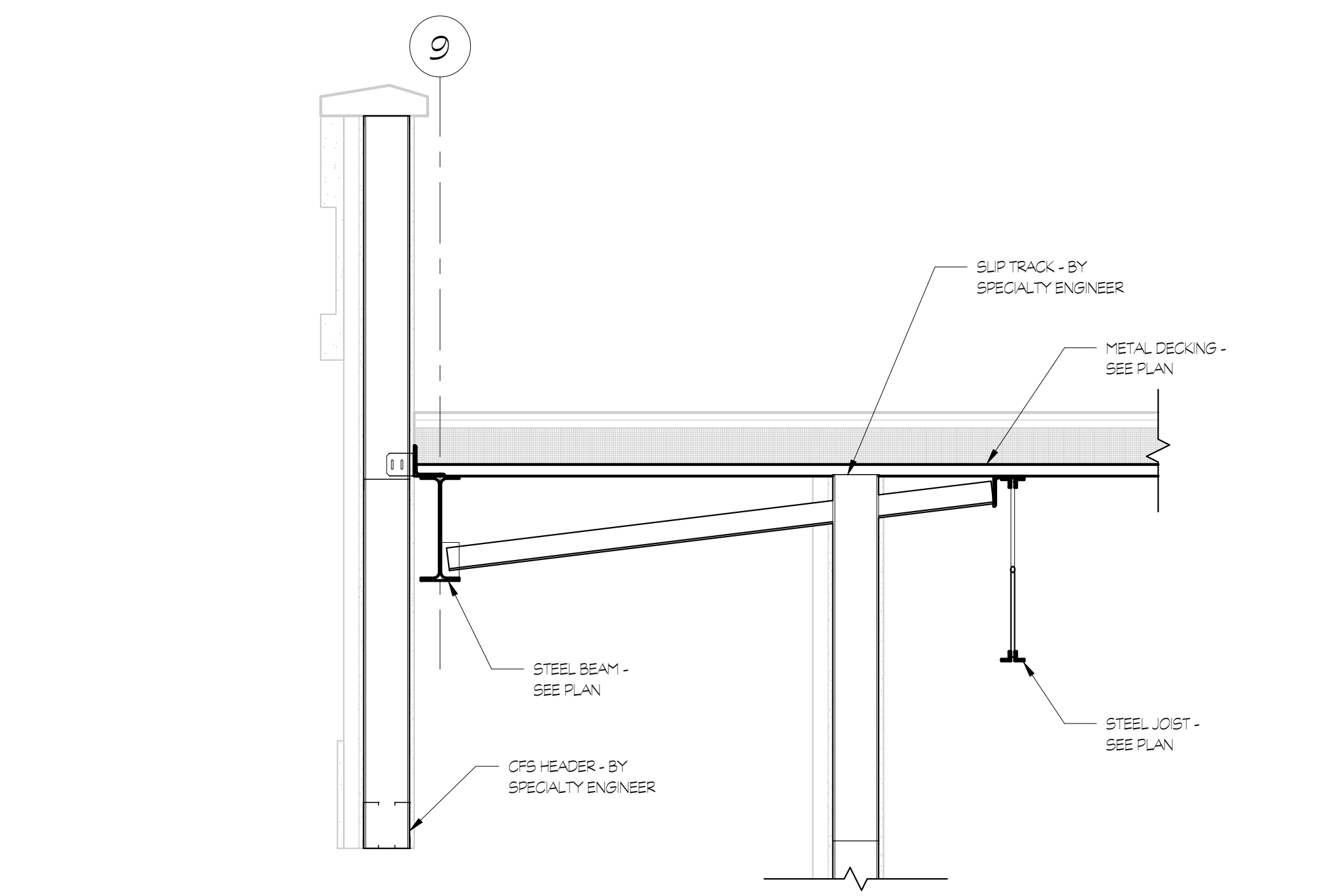
1 SECTION
S3.04 3/4" = 1'-0"



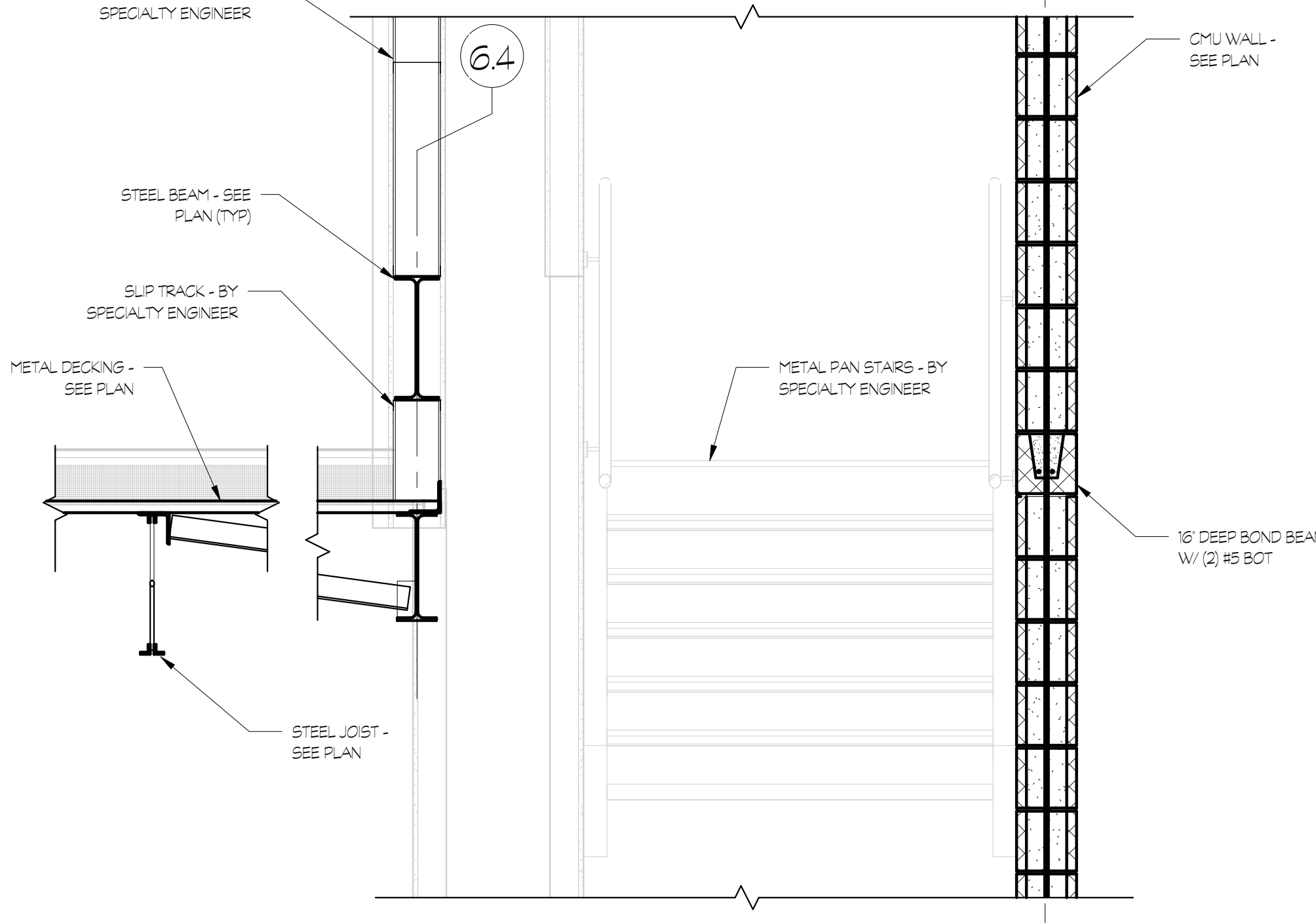
2 SECTION
S3.04 3/4" = 1'-0"



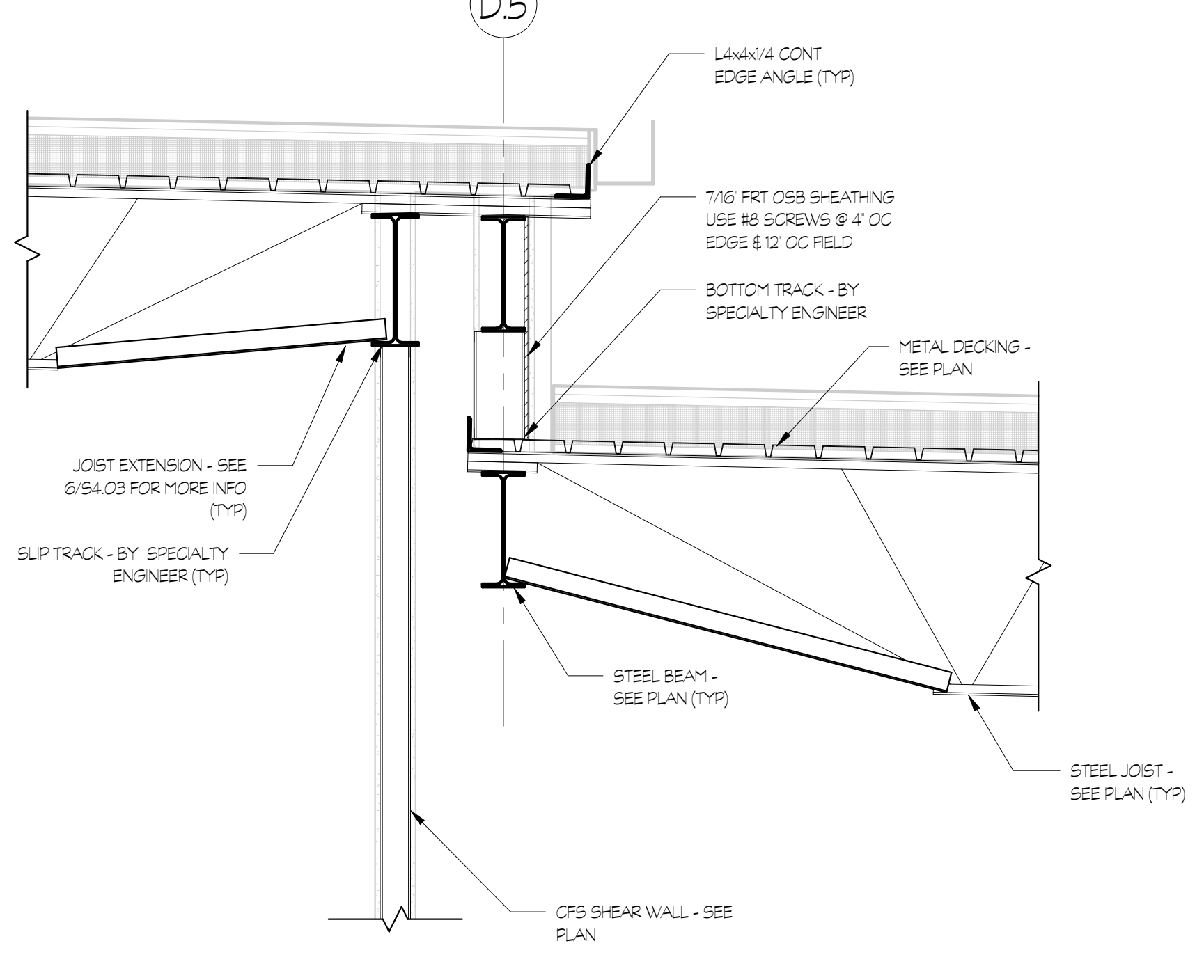
3 SECTION
S3.04 3/4" = 1'-0"



4 SECTION
S3.04 3/4" = 1'-0"



5 SECTION
S3.04 3/4" = 1'-0"



6 SECTION
S3.04 3/4" = 1'-0"

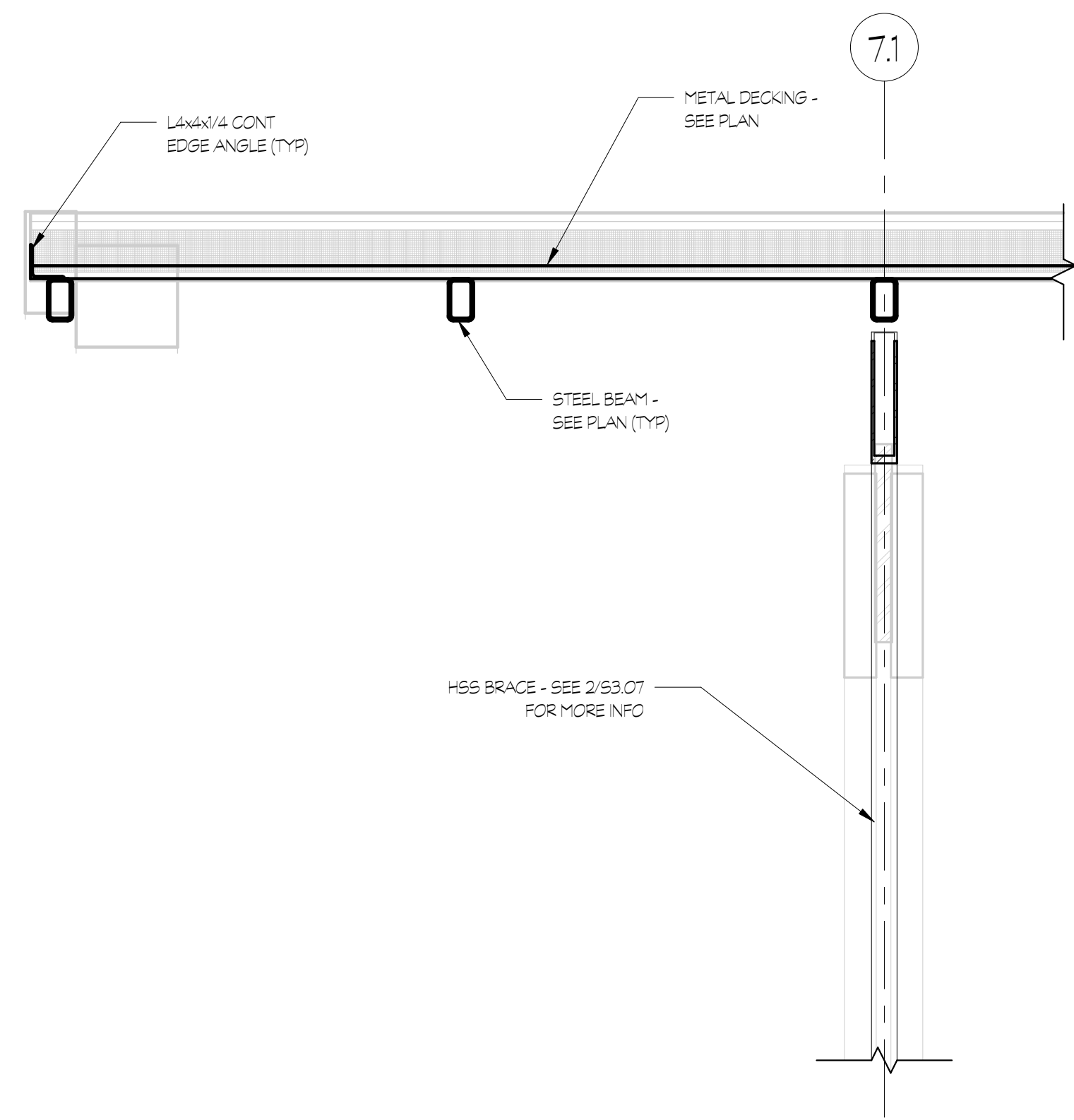
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

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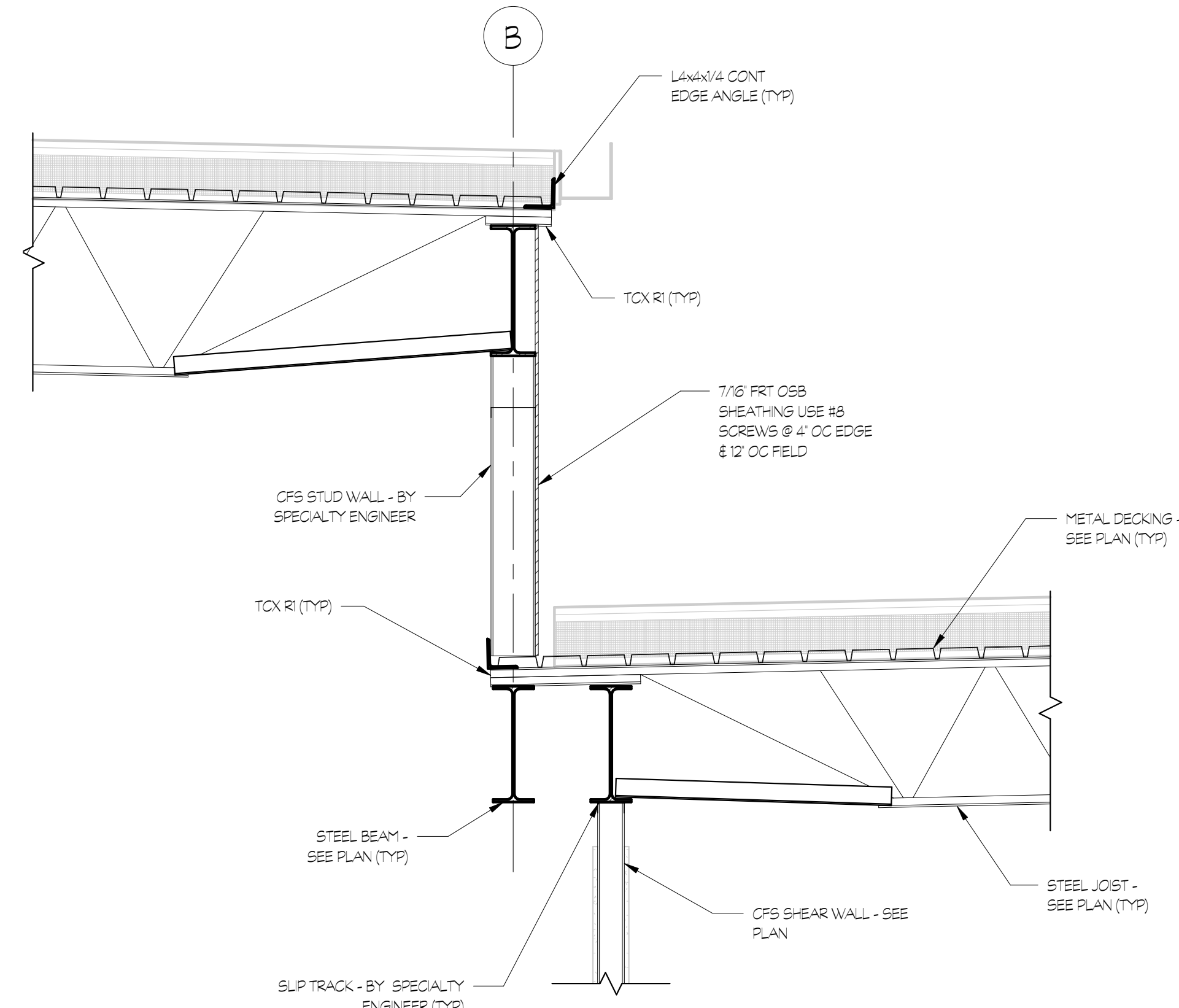
SHEET TITLE
SECTIONS & DETAILS

PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **ARY** SCALE
 CHECKED BY **WJP** **3/4" = 1'-0"**
 SHEET NO.

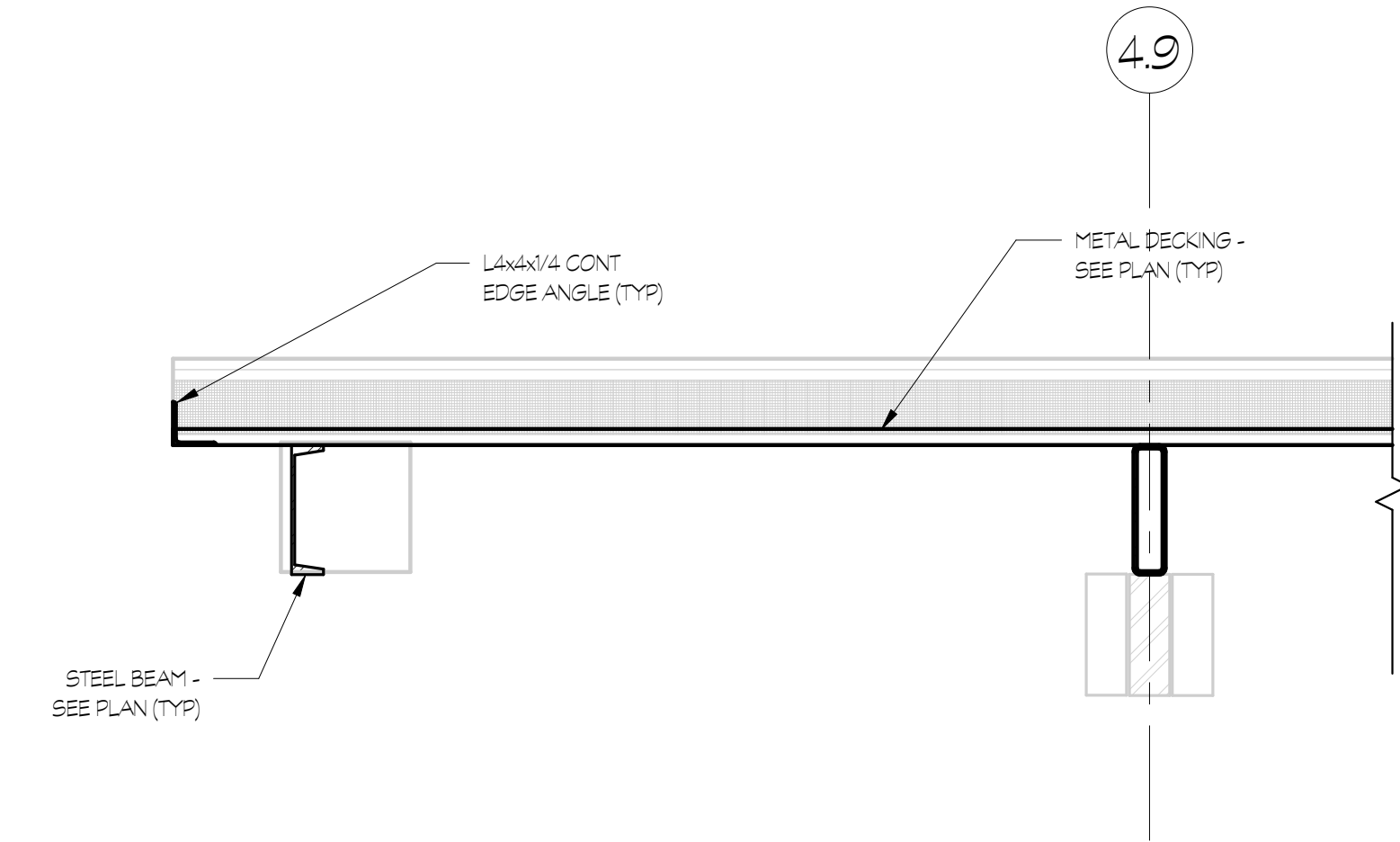
S3.04



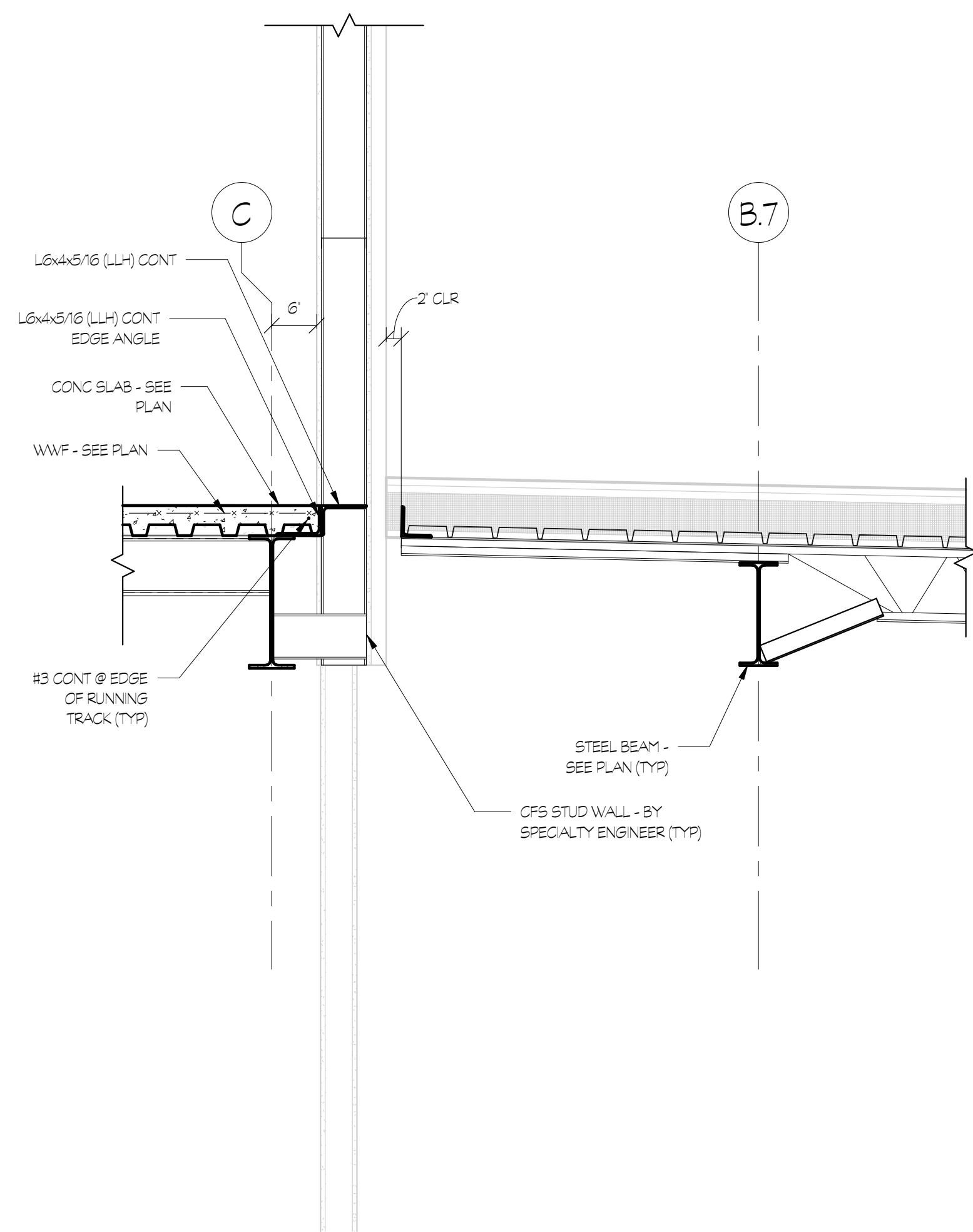
1 SECTION
S3.05 3/4" = 1'-0"



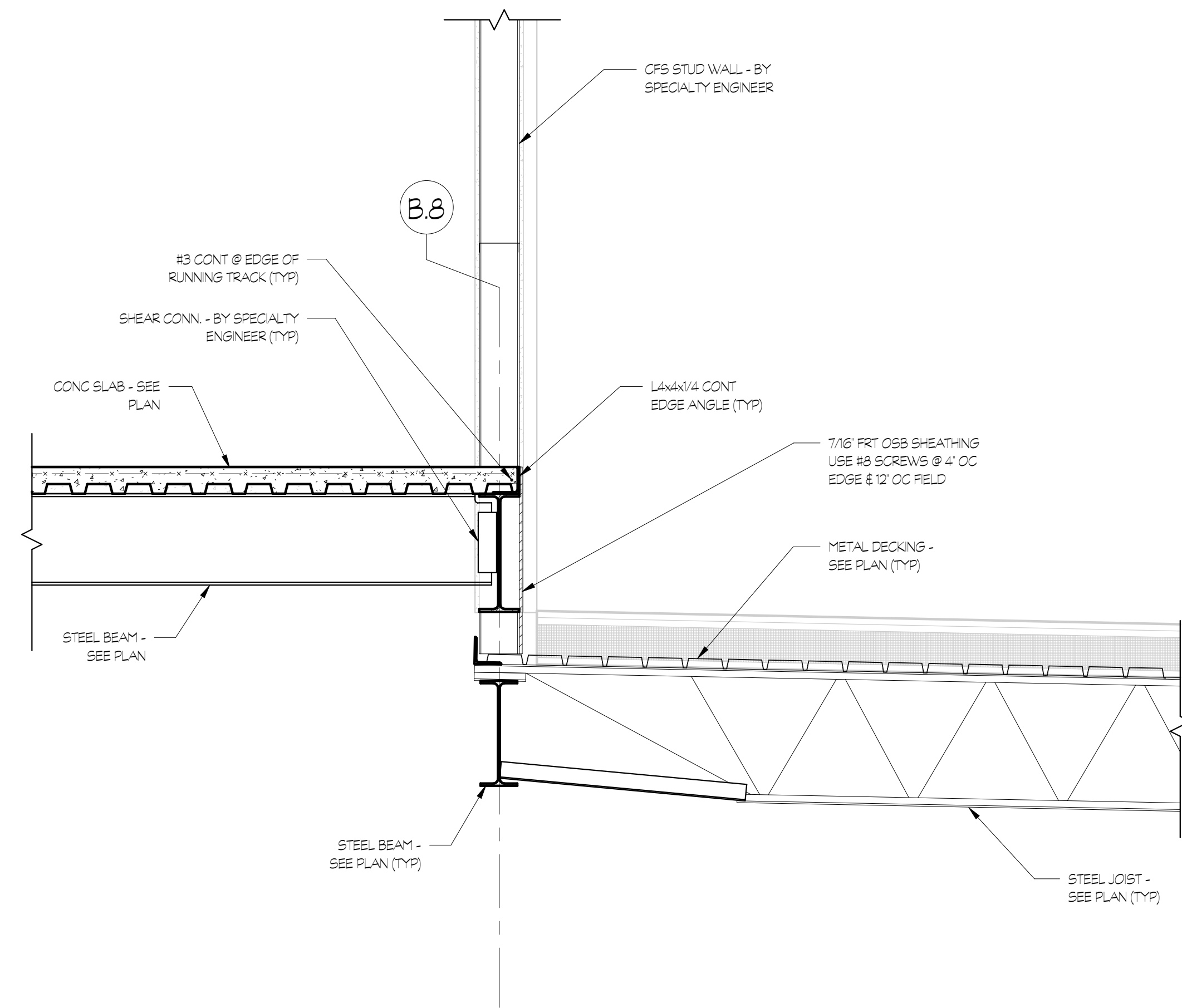
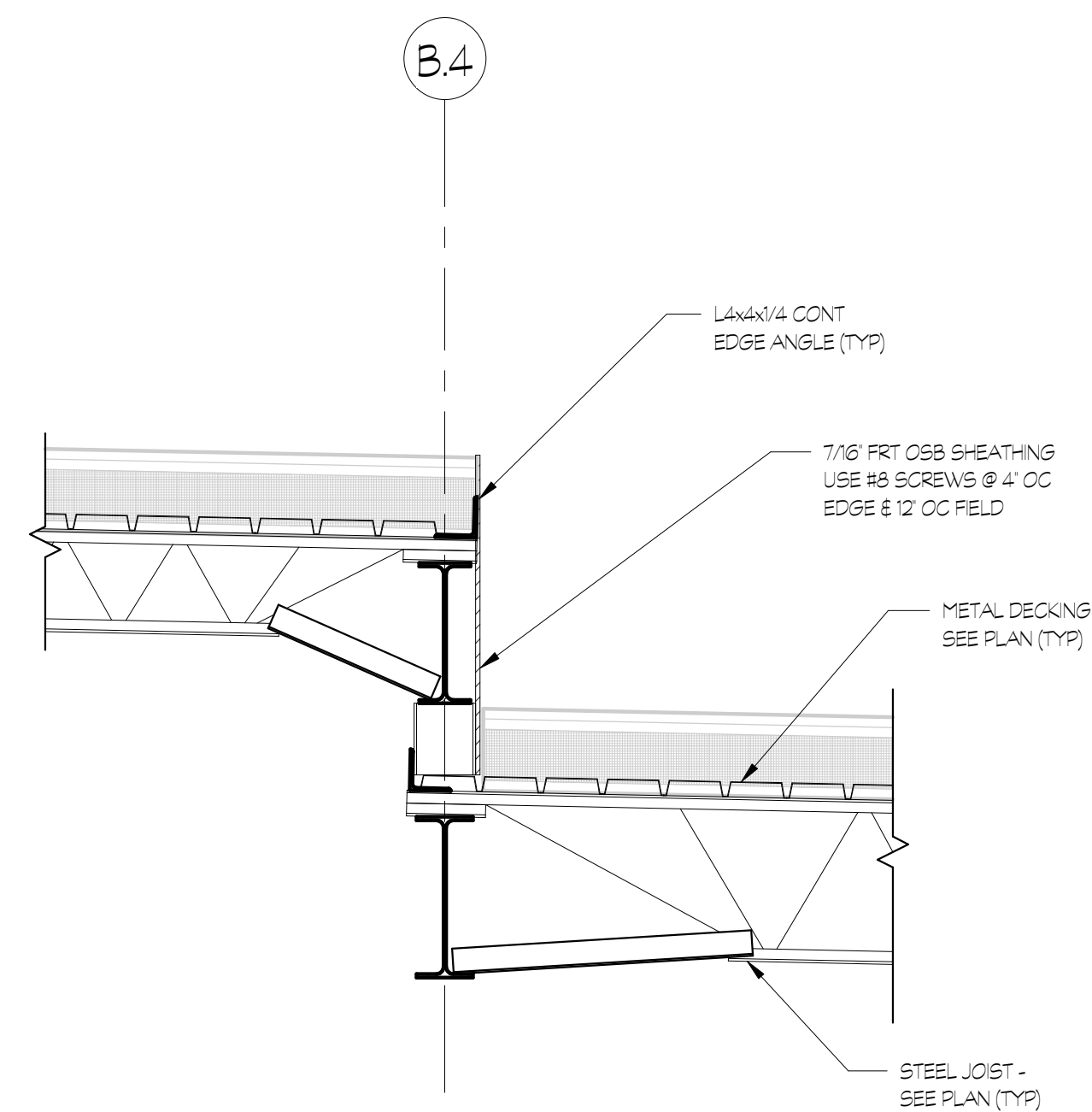
2 SECTION
S3.05 3/4" = 1'-0"



3 SECTION
S3.05 3/4" = 1'-0"



4 SECTION
S3.05 3/4" = 1'-0"



5 SECTION
S3.05 3/4" = 1'-0"

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 CHECKED BY **WJP** **3/4" = 1'-0"**
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S3.05

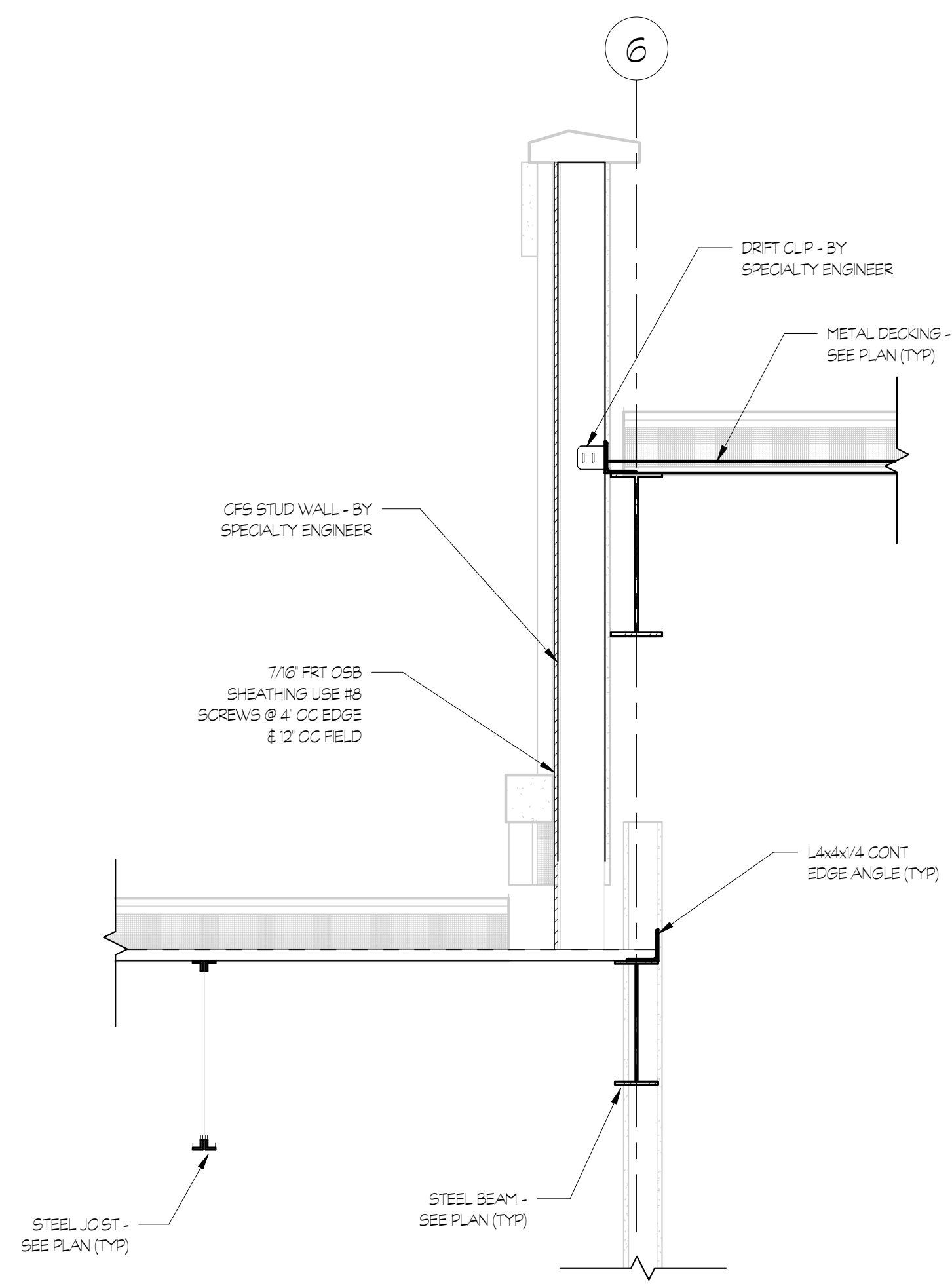
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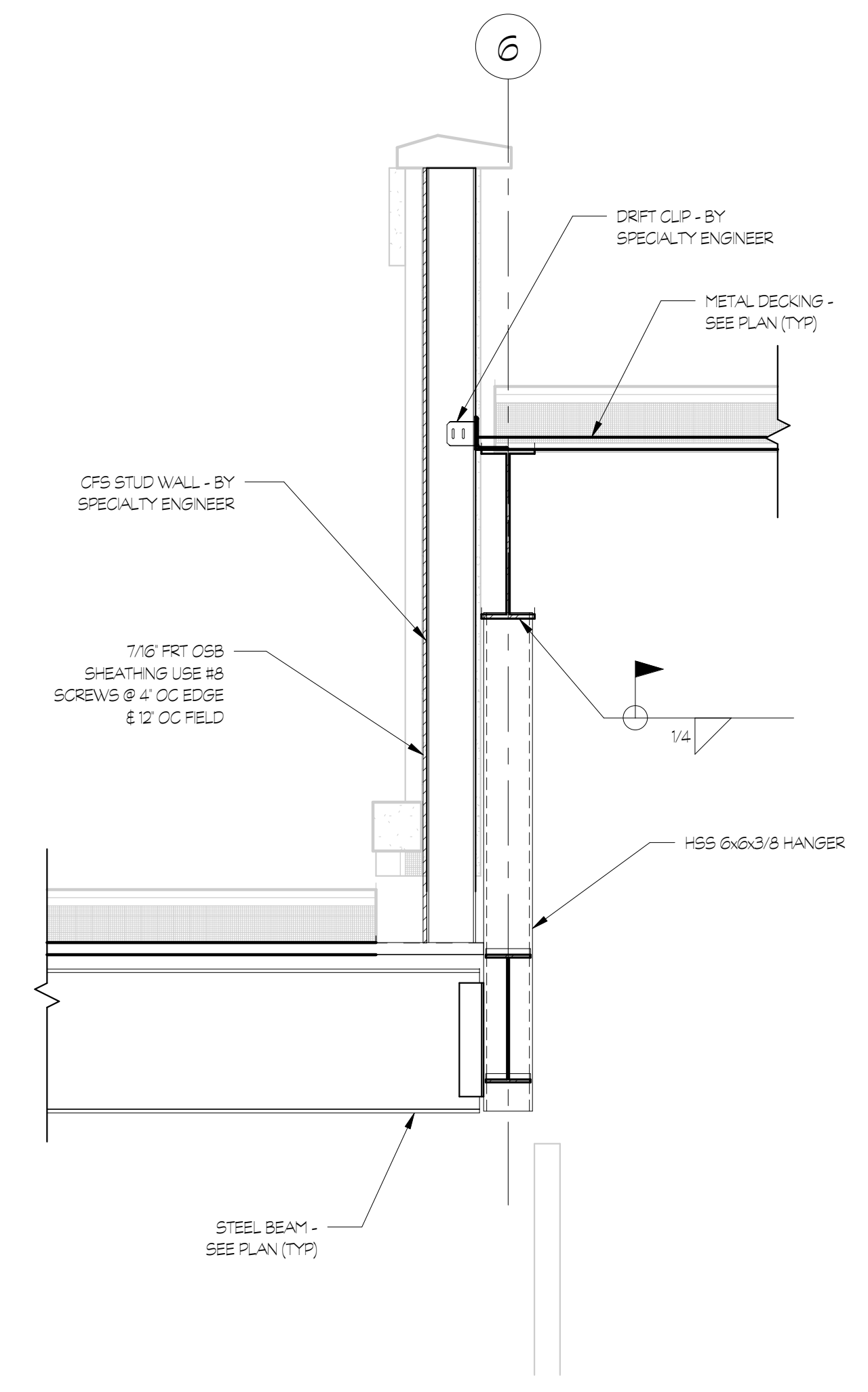
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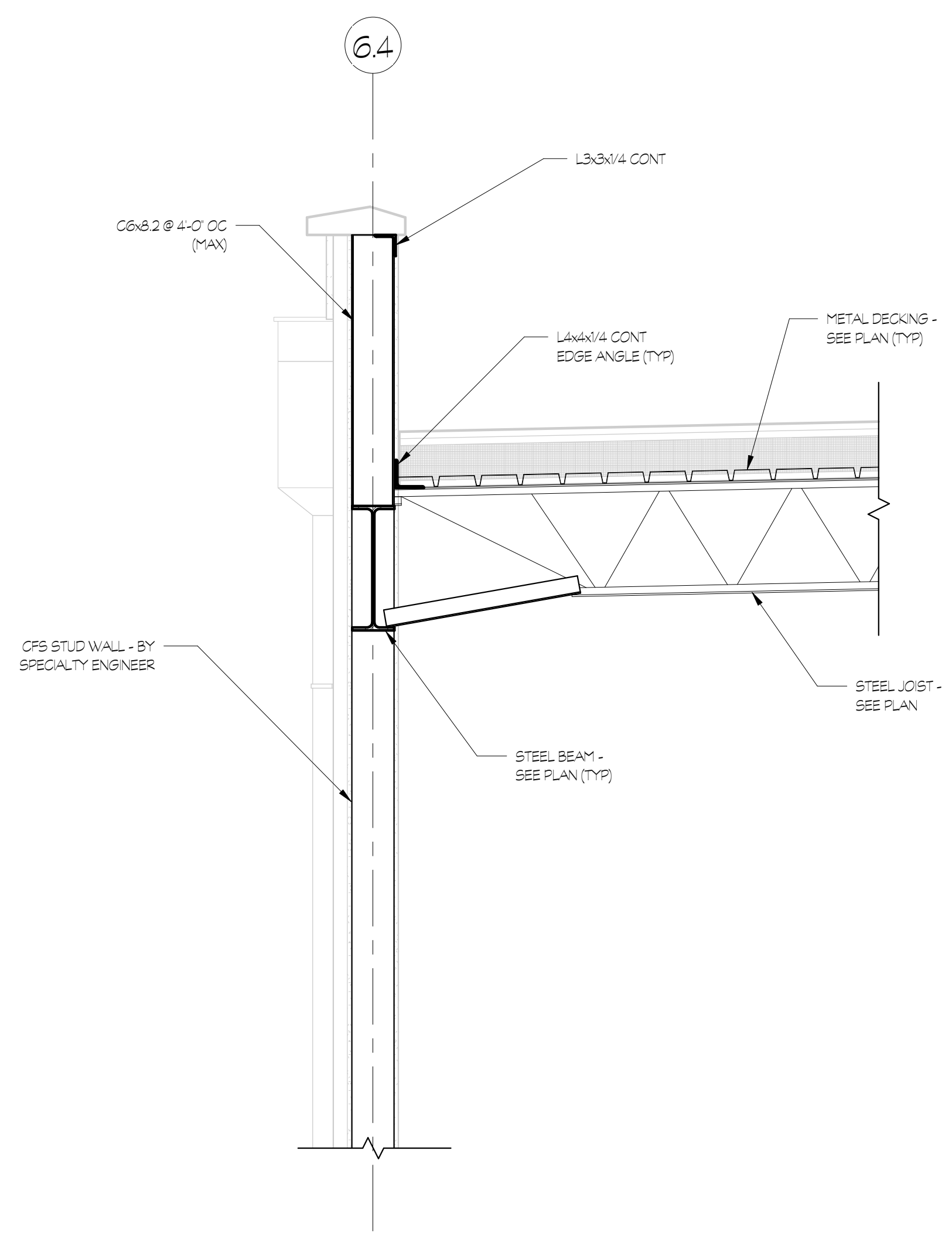
NOT FOR CONSTRUCTION



1 SECTION
S3.06 3/4" = 1'-0"



2 SECTION
S3.06 3/4" = 1'-0"



3 SECTION
S3.06 3/4" = 1'-0"

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NO	DATE	DESCRIPTION

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SHEET TITLE
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PROJECT NO. 21091 DATE 06/21/2024
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S3.06

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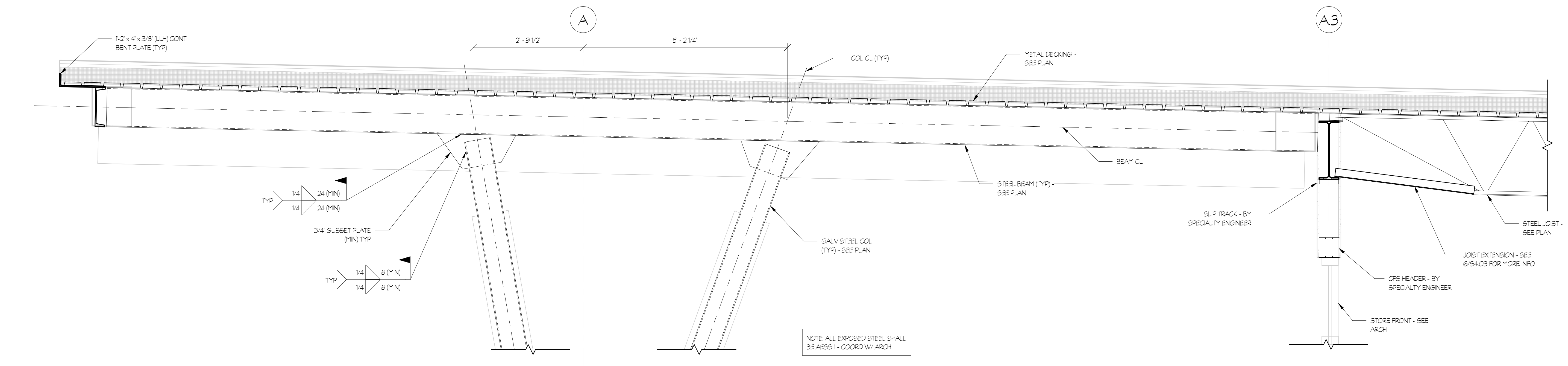
CD PROGRESS

SHEET TITLE
SECTIONS & DETAILS

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY ARY
SCALE 3/4" = 1'-0"
CHECKED BY WJP
SHEET NO.

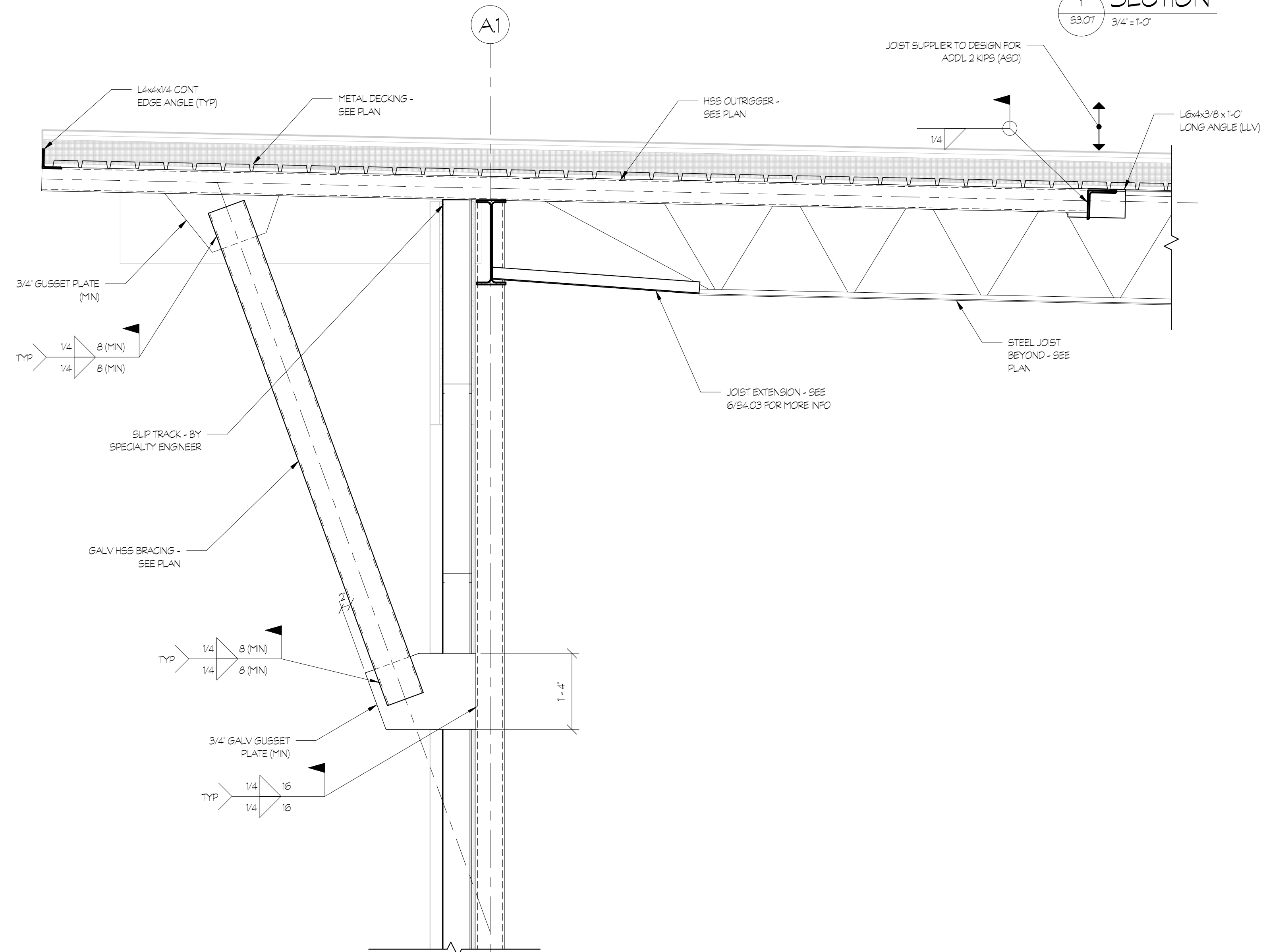
S3.07

NOT FOR CONSTRUCTION



NOTE ALL EXPOSED STEEL SHALL BE AESS 1 - COORD W/ ARCH

SECTION 1
S3.07 3/4" = 1'-0"



NOTE ALL EXPOSED STEEL SHALL BE AESS 1 - COORD W/ ARCH

SECTION 2
S3.07 3/4" = 1'-0"

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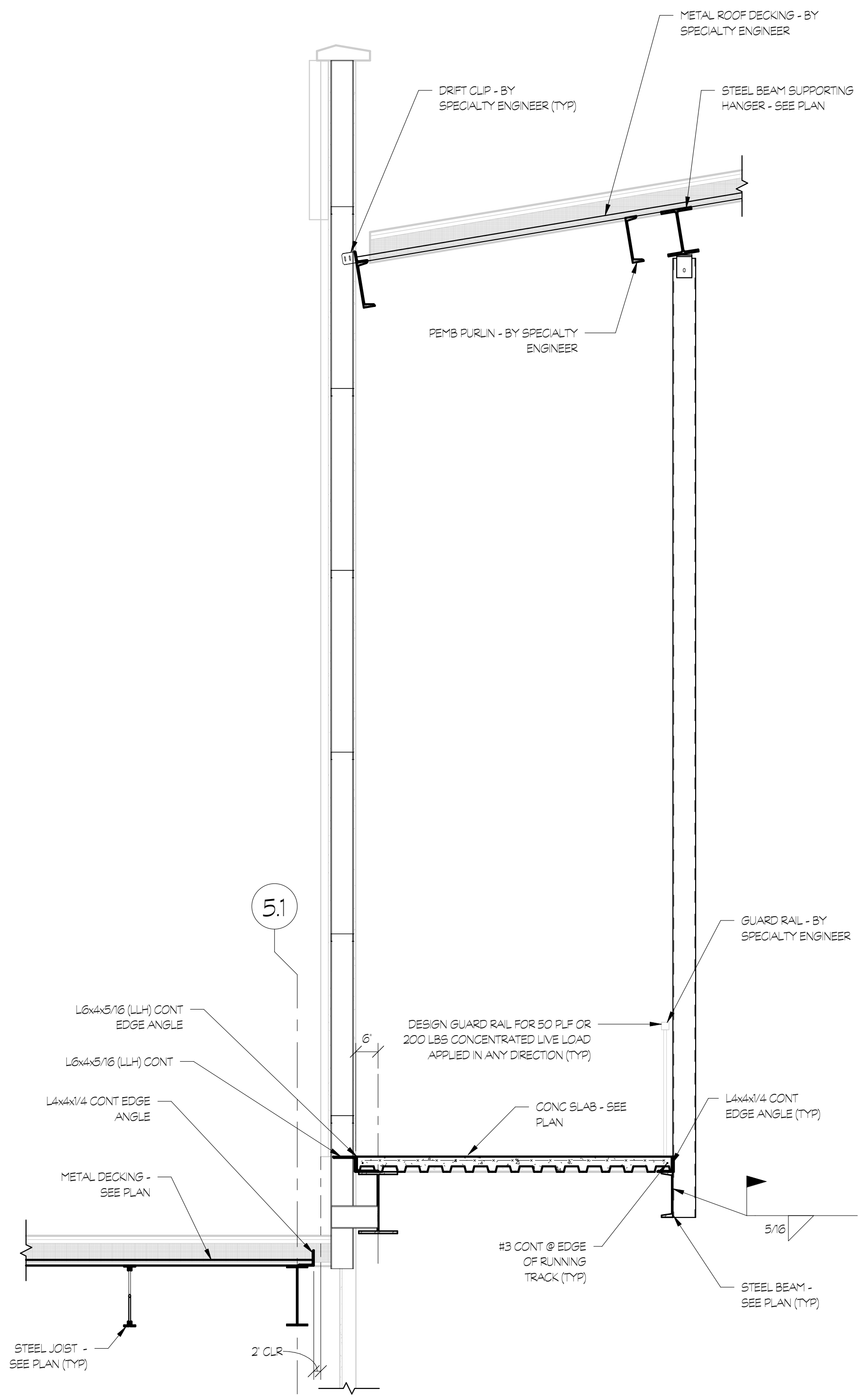
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SHEET TITLE
SECTIONS & DETAILS

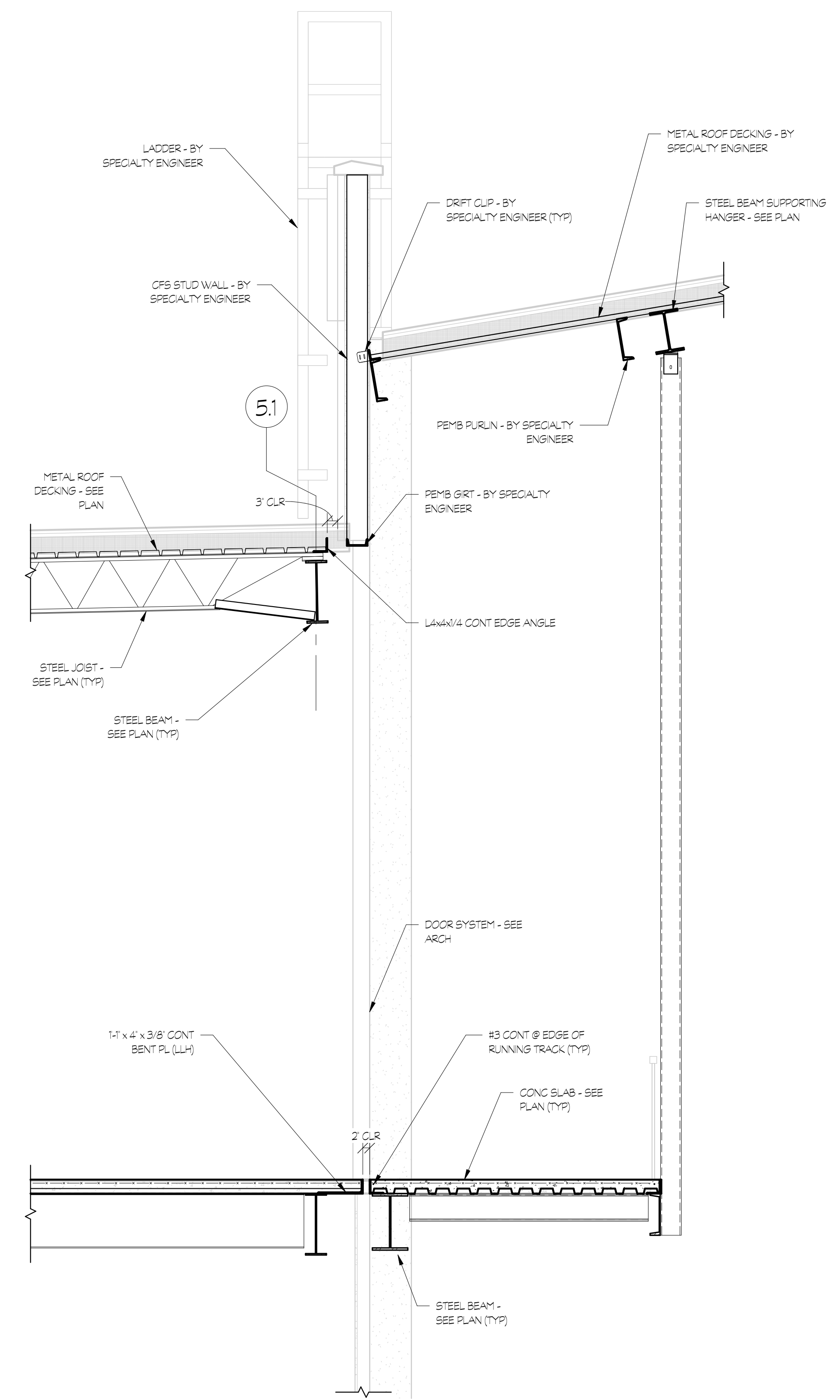
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE 1/2" = 1'-0"
CHECKED BY WJP	SHEET NO.

S3.08

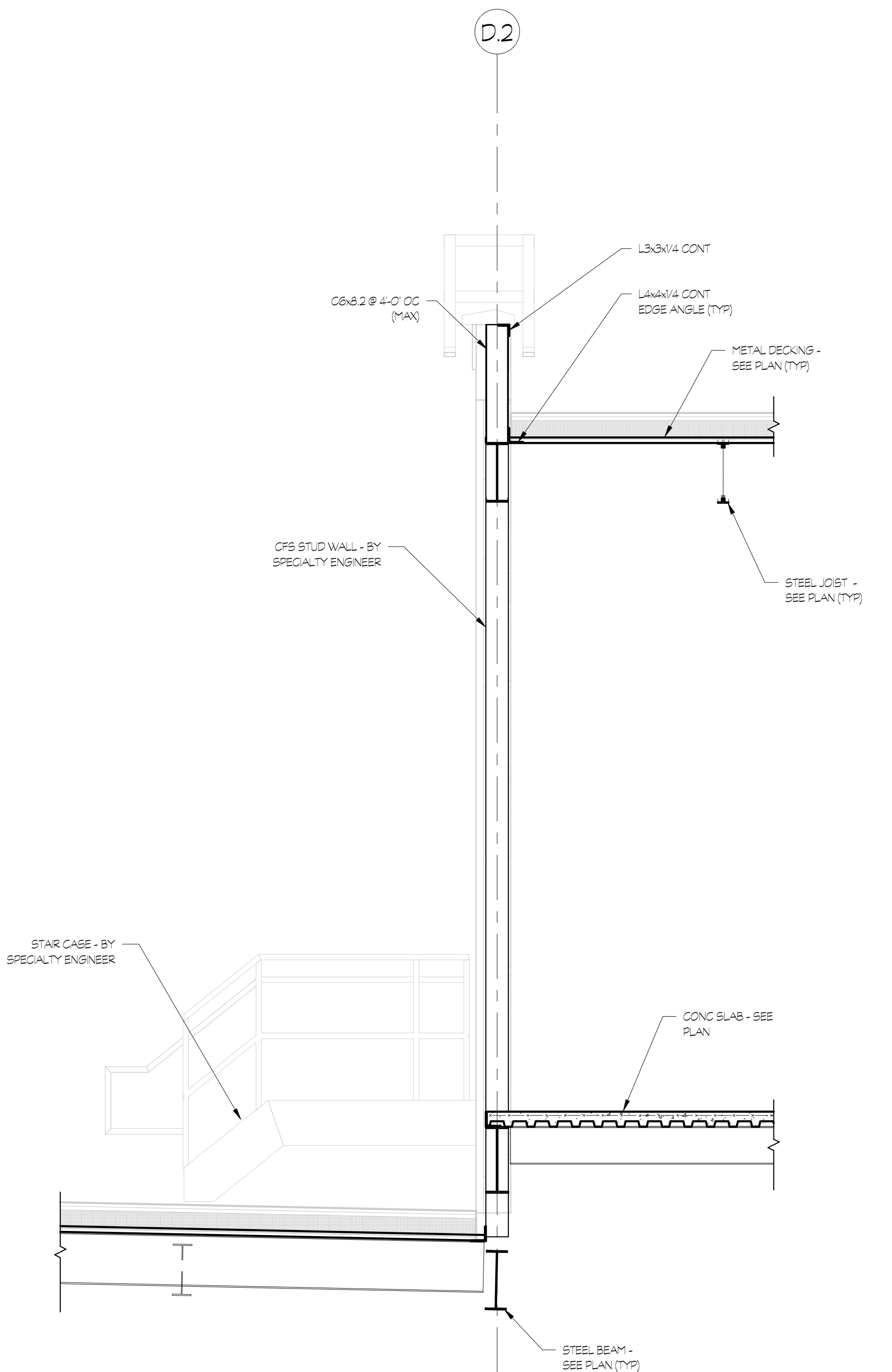
NOT FOR CONSTRUCTION



1 SECTION
S3.08 1/2" = 1'-0"



2 SECTION
S3.08 1/2" = 1'-0"



3 SECTION
S3.08 1/2" = 1'-0"

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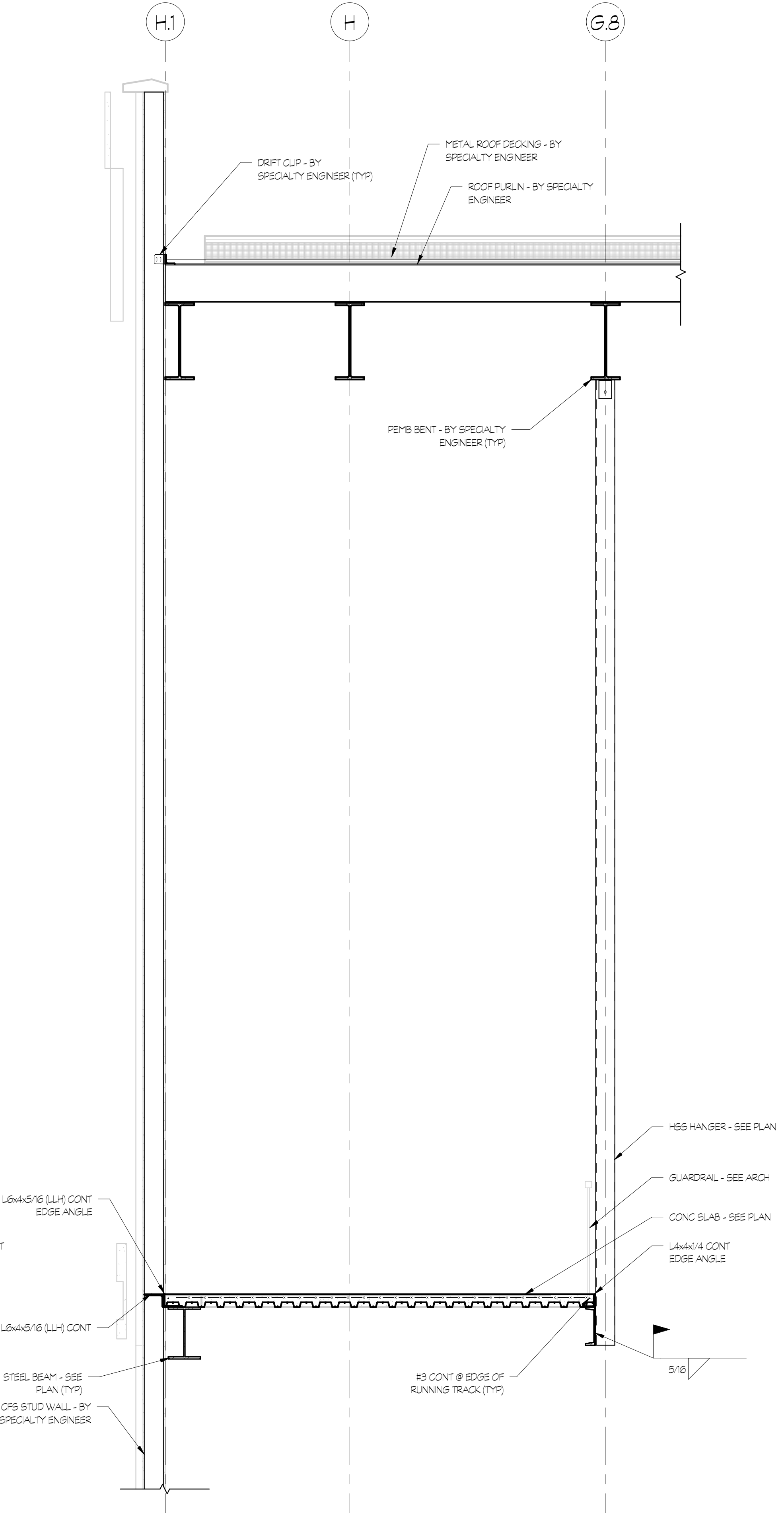
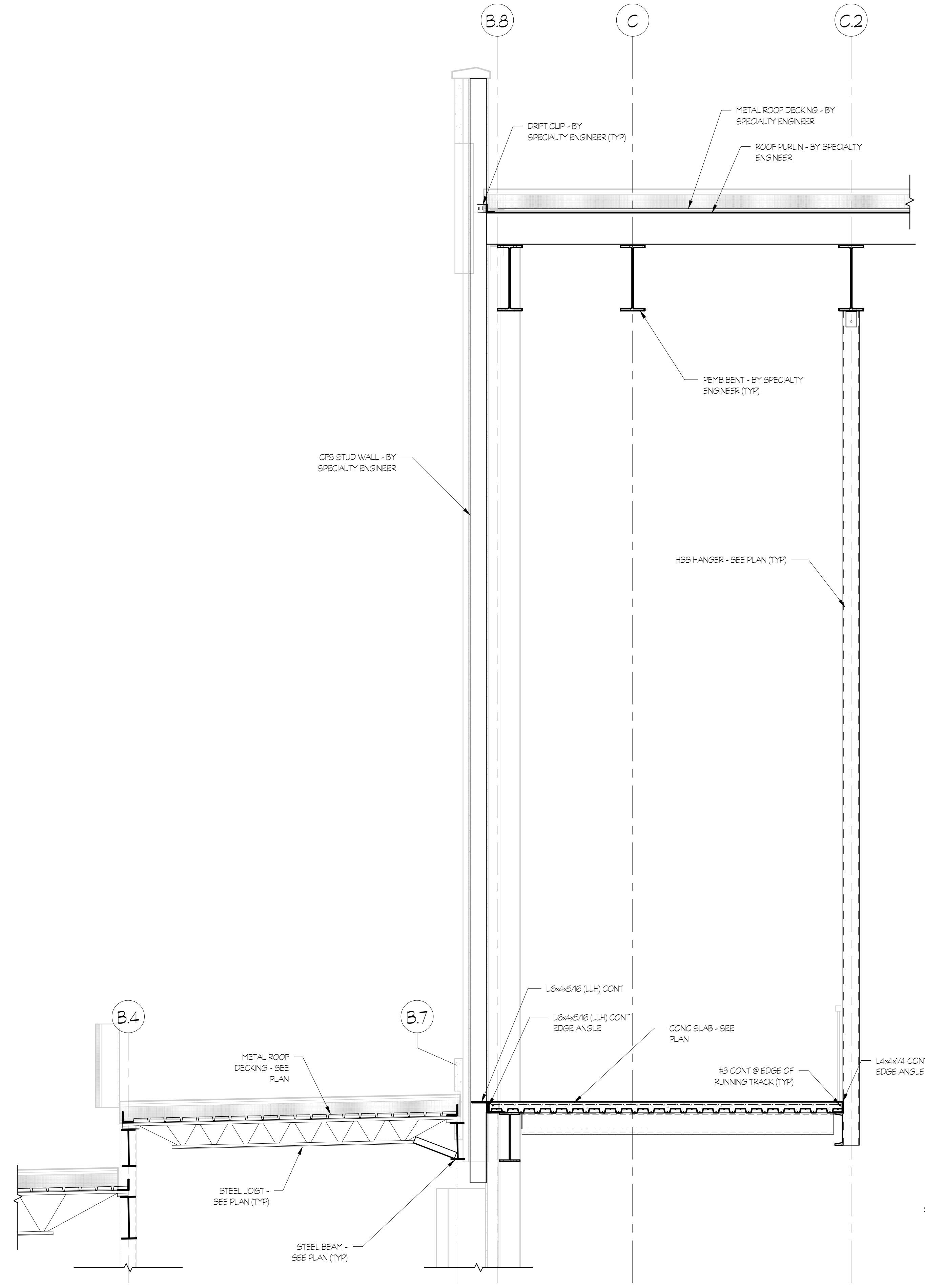
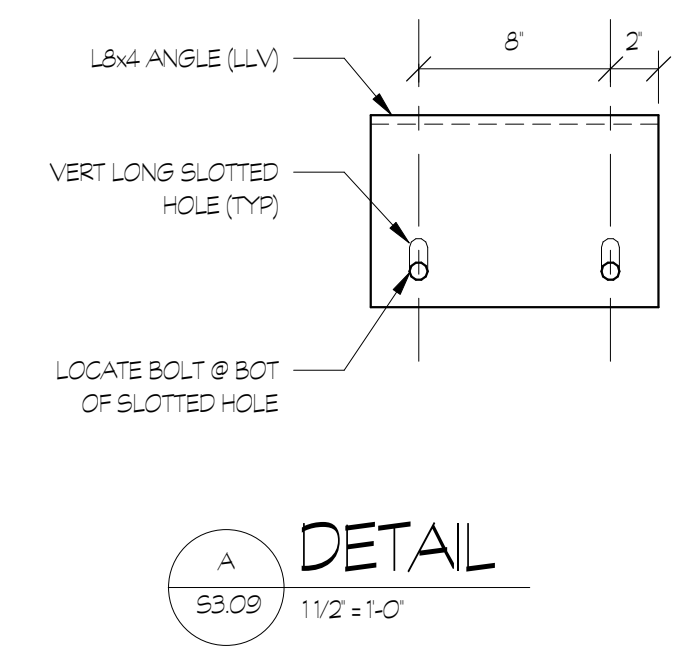
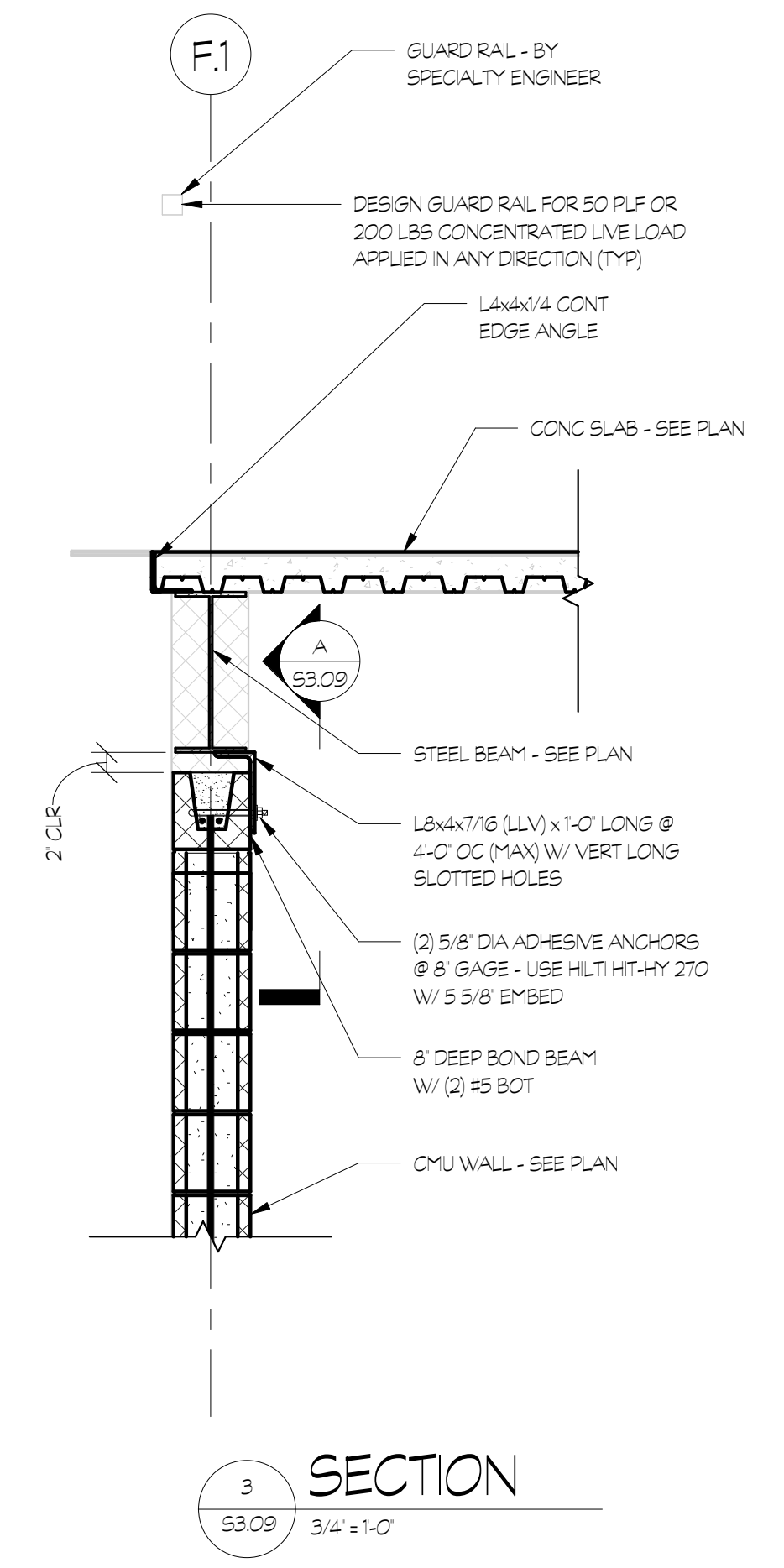
SHEET TITLE

**SECTIONS &
DETAILS**

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE As indicated
CHECKED BY WJP	
SHEET NO.	

S3.09

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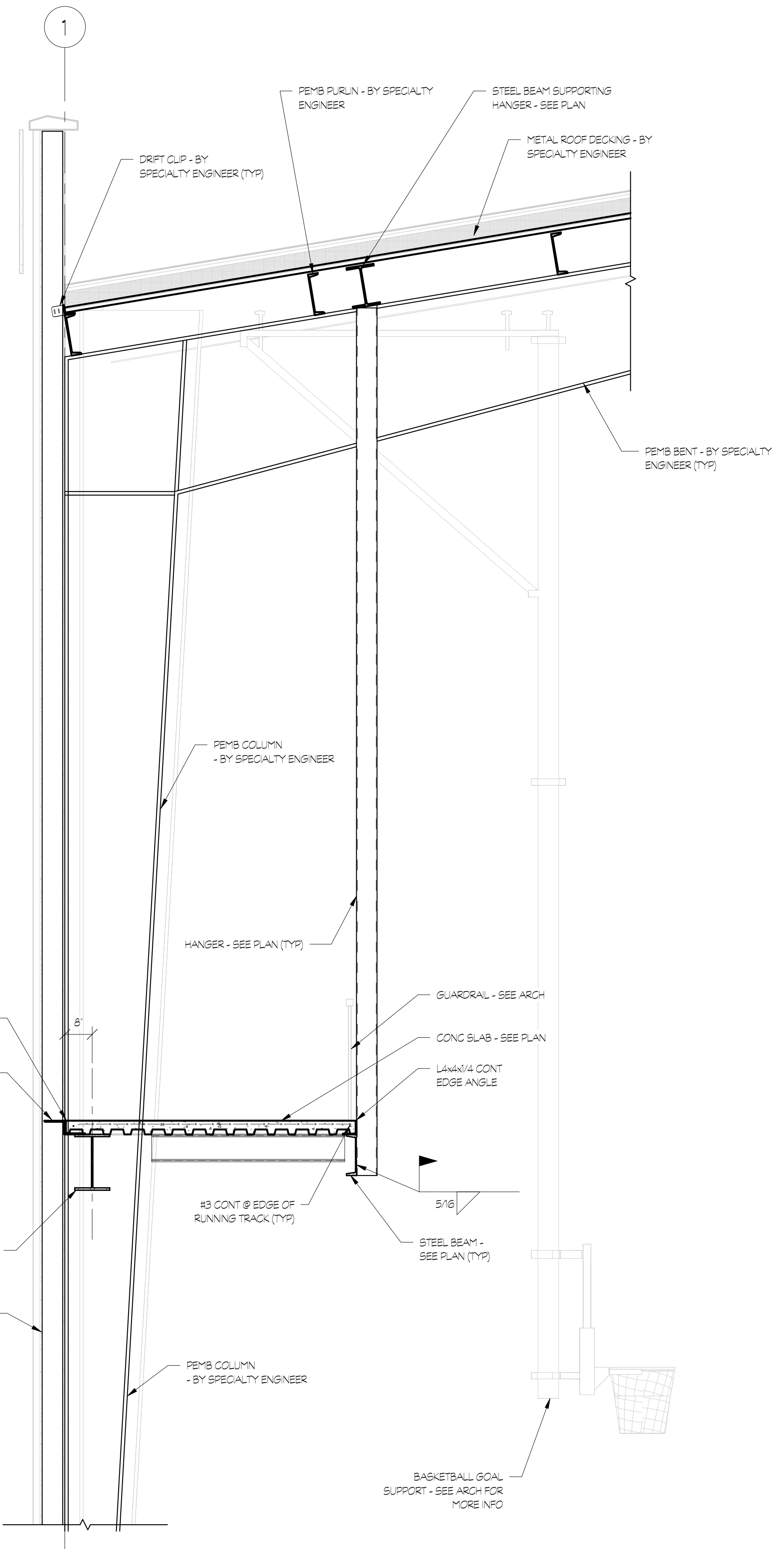
CD PROGRESS

SHEET TITLE
**SECTIONS &
DETAILS**

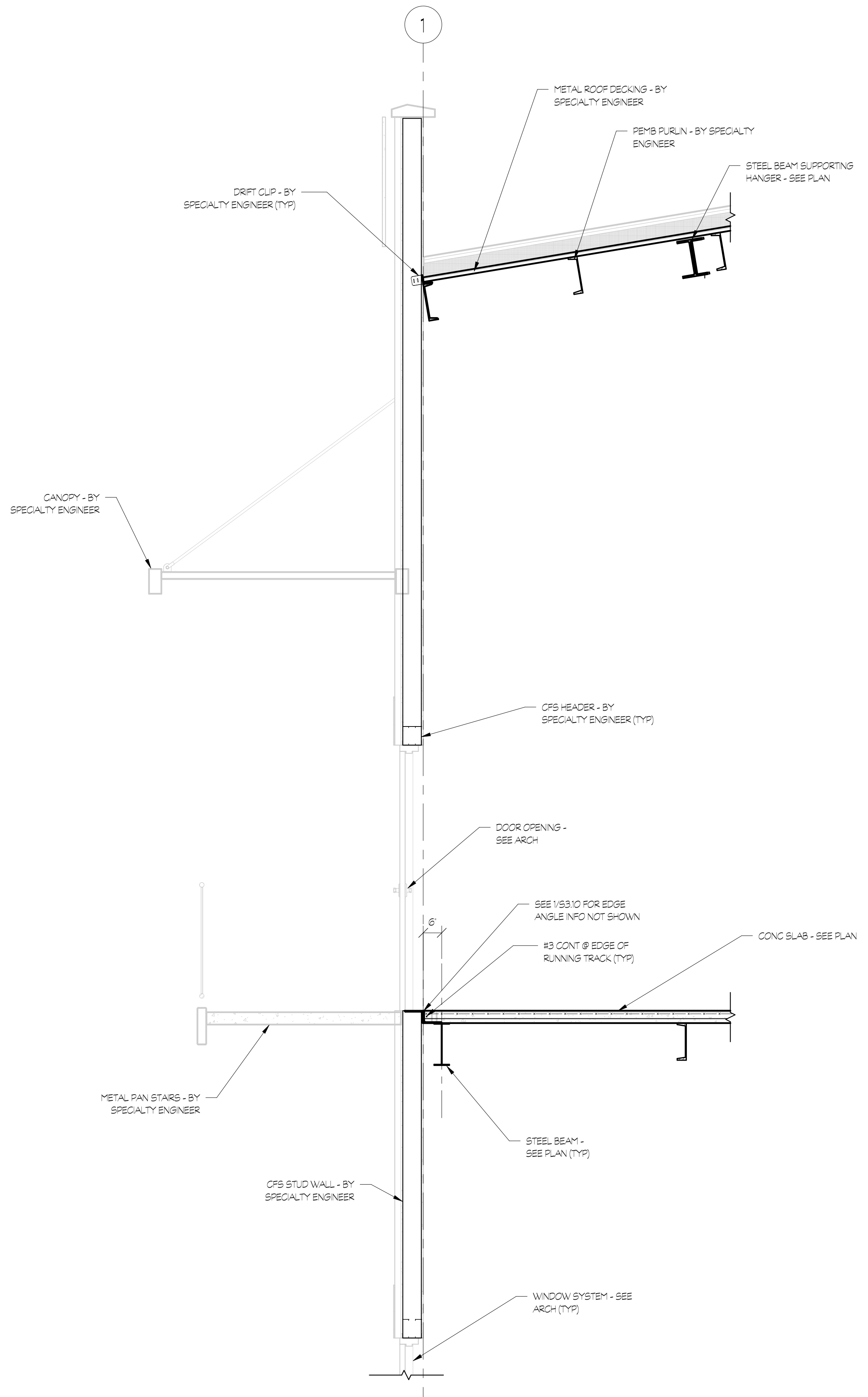
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE 1/2" = 1'-0"
CHECKED BY WJP	SHEET NO.

S3.10

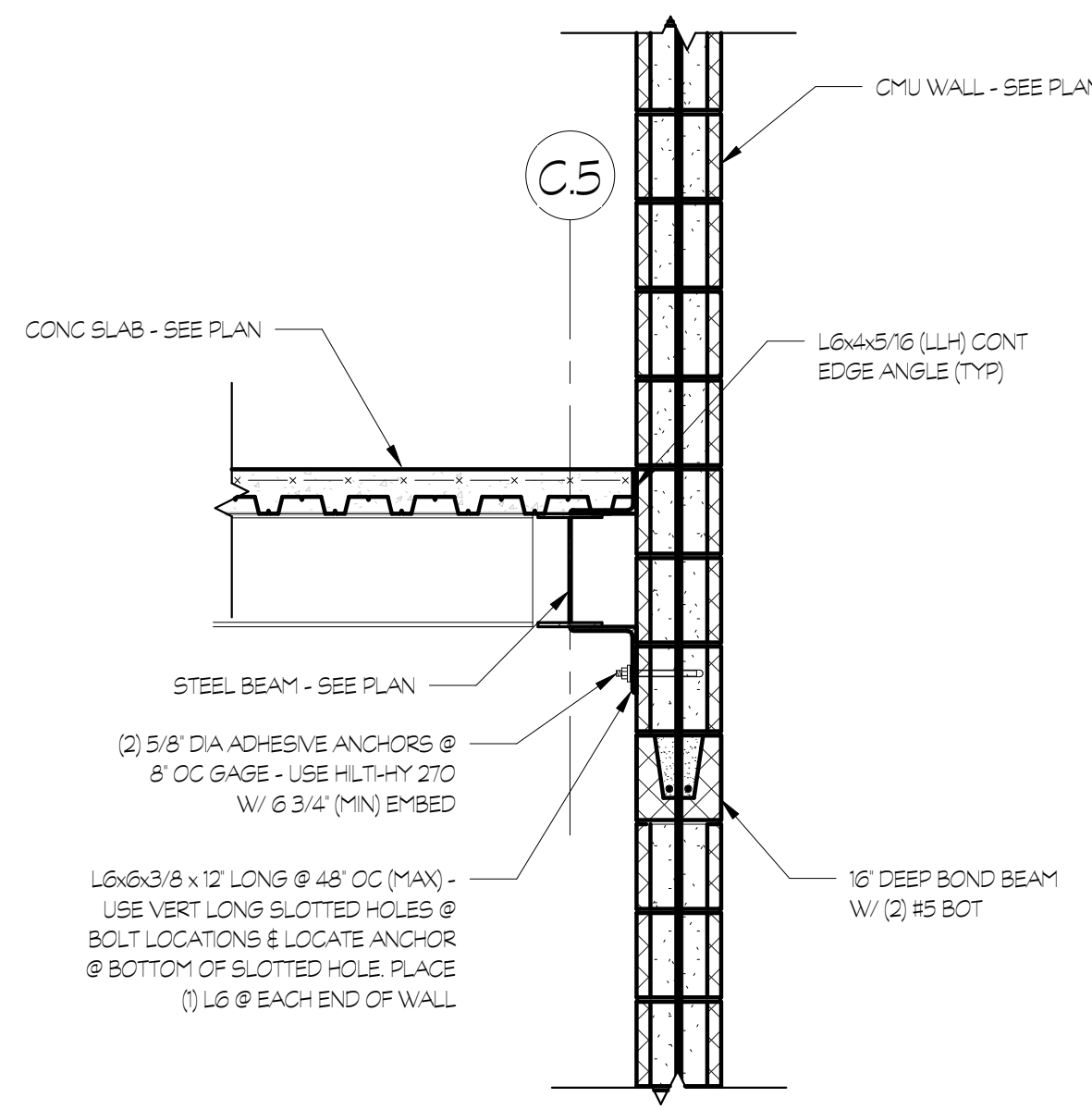
NOT FOR CONSTRUCTION



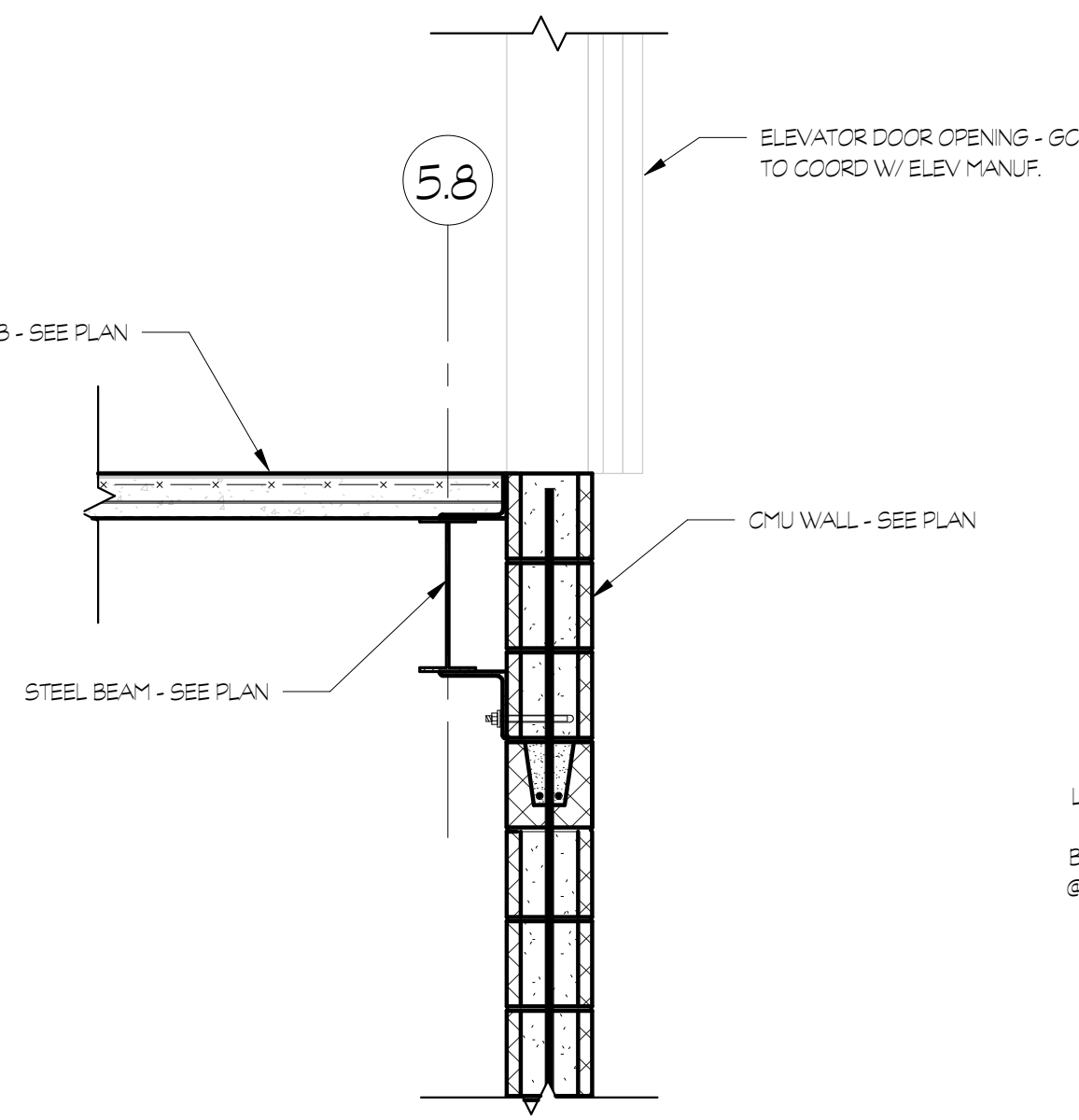
1 SECTION
53/10 1/2" = 1'-0"



2 SECTION
53/10 1/2" = 1'-0"

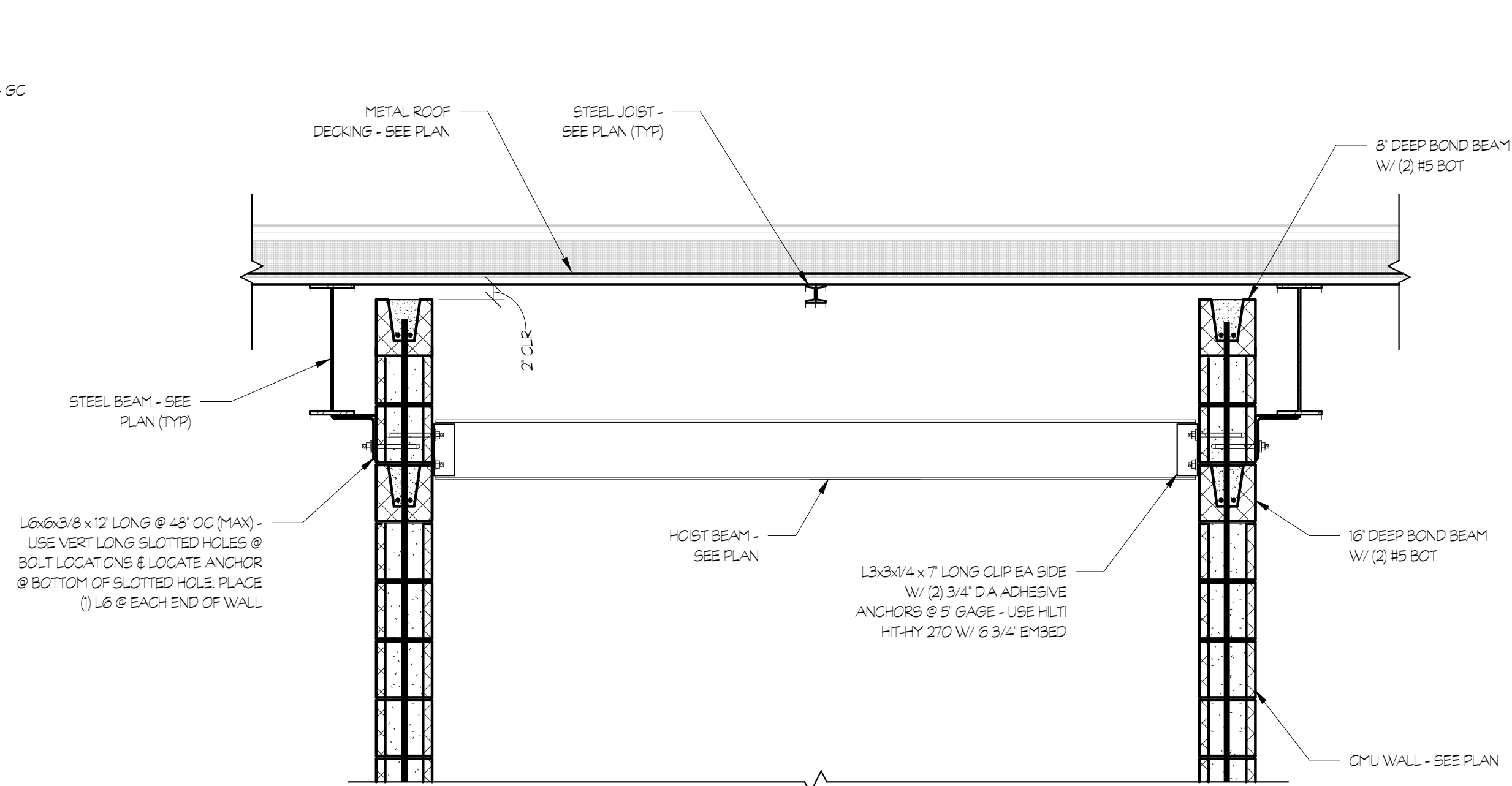


1 SECTION
5/8" 3/4" ± 1'-0"



NOTE, SEE 1/B3.11 FOR INFO NOT SHOWN.

2 SECTION
5/8" 3/4" ± 1'-0"



3 SECTION
5/8" 3/4" ± 1'-0"

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SHEET TITLE

SECTIONS & DETAILS

PROJECT NO. **21091** DATE **06/21/2024**
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 SHEET NO.

S3.11

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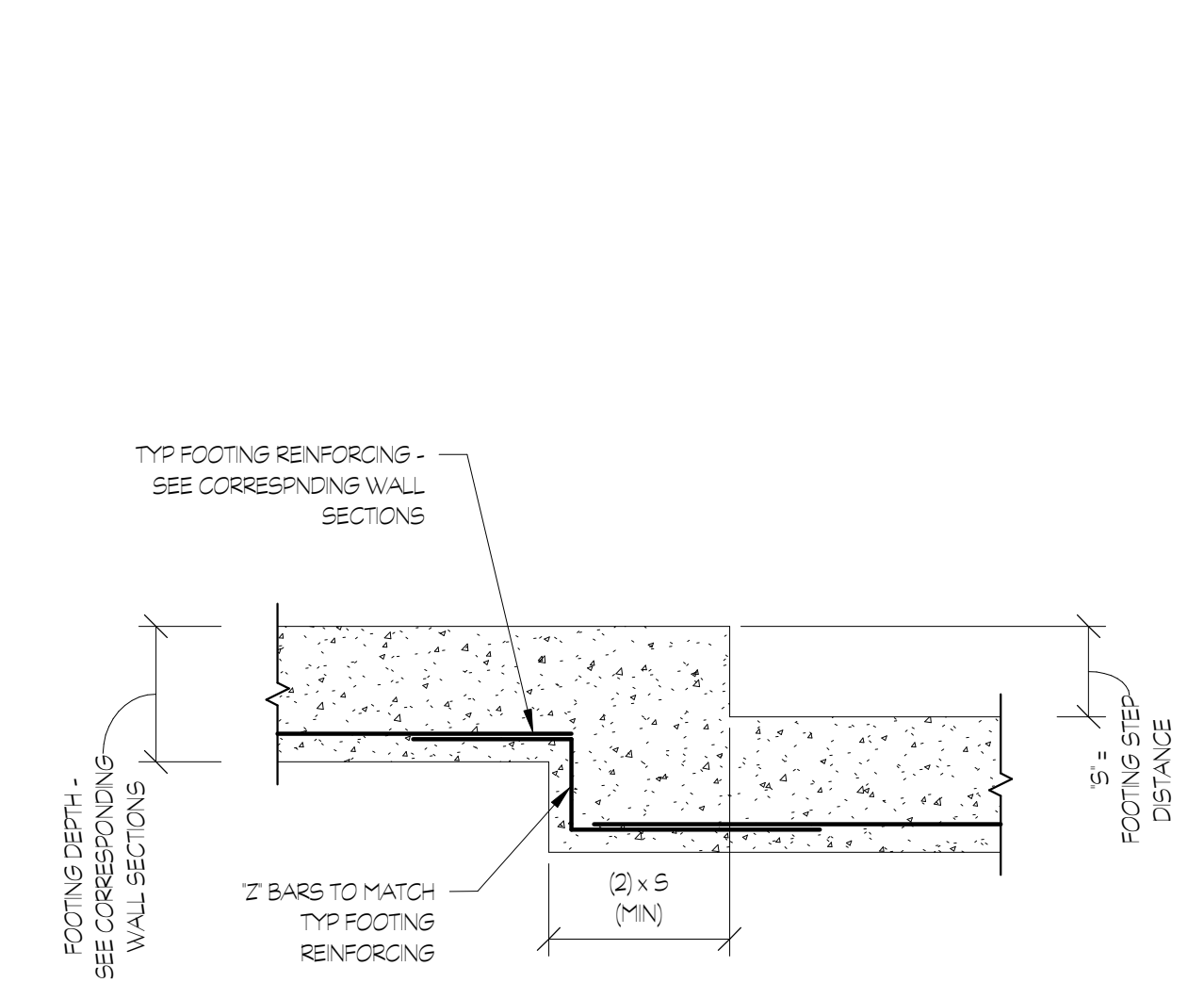
SHEET TITLE

TYPICAL SECTIONS & DETAILS

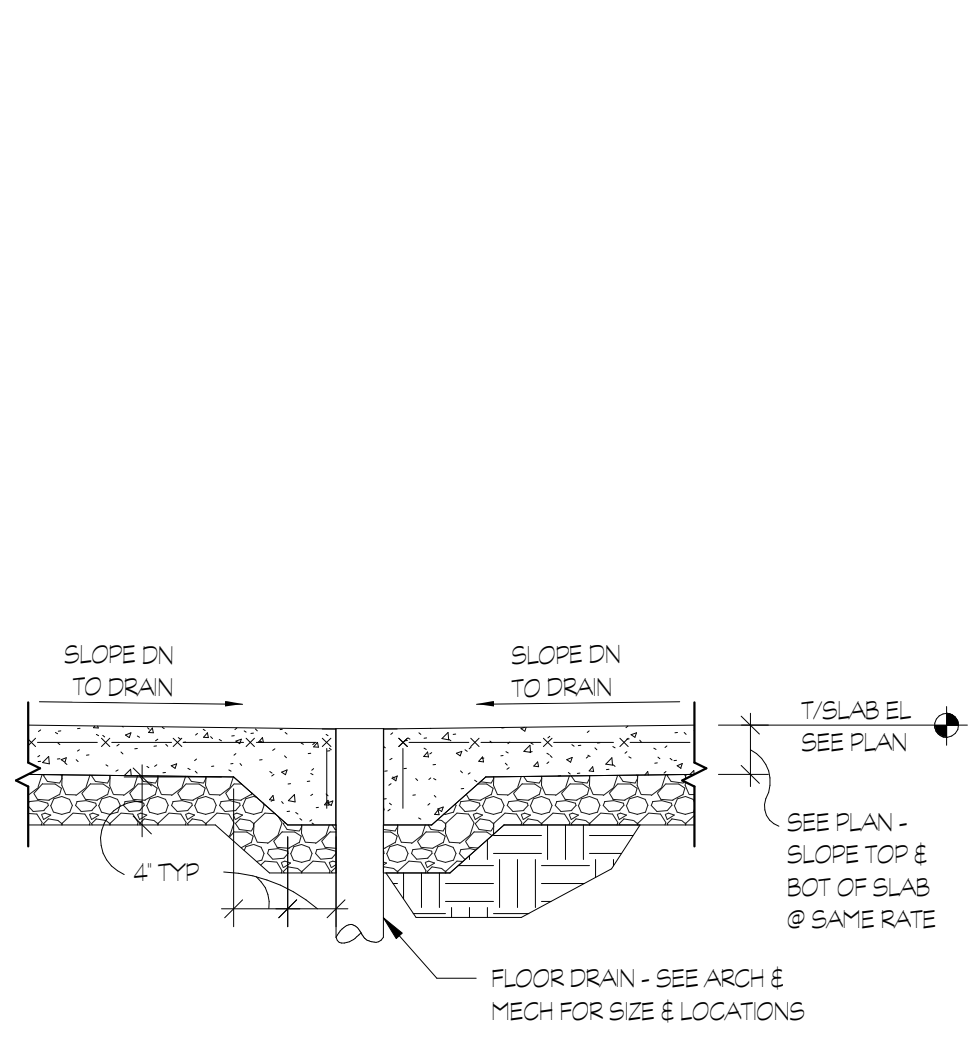
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY ARY	SCALE 3/4" = 1'-0"
CHECKED BY WJP	
SHEET NO.	

S4.01

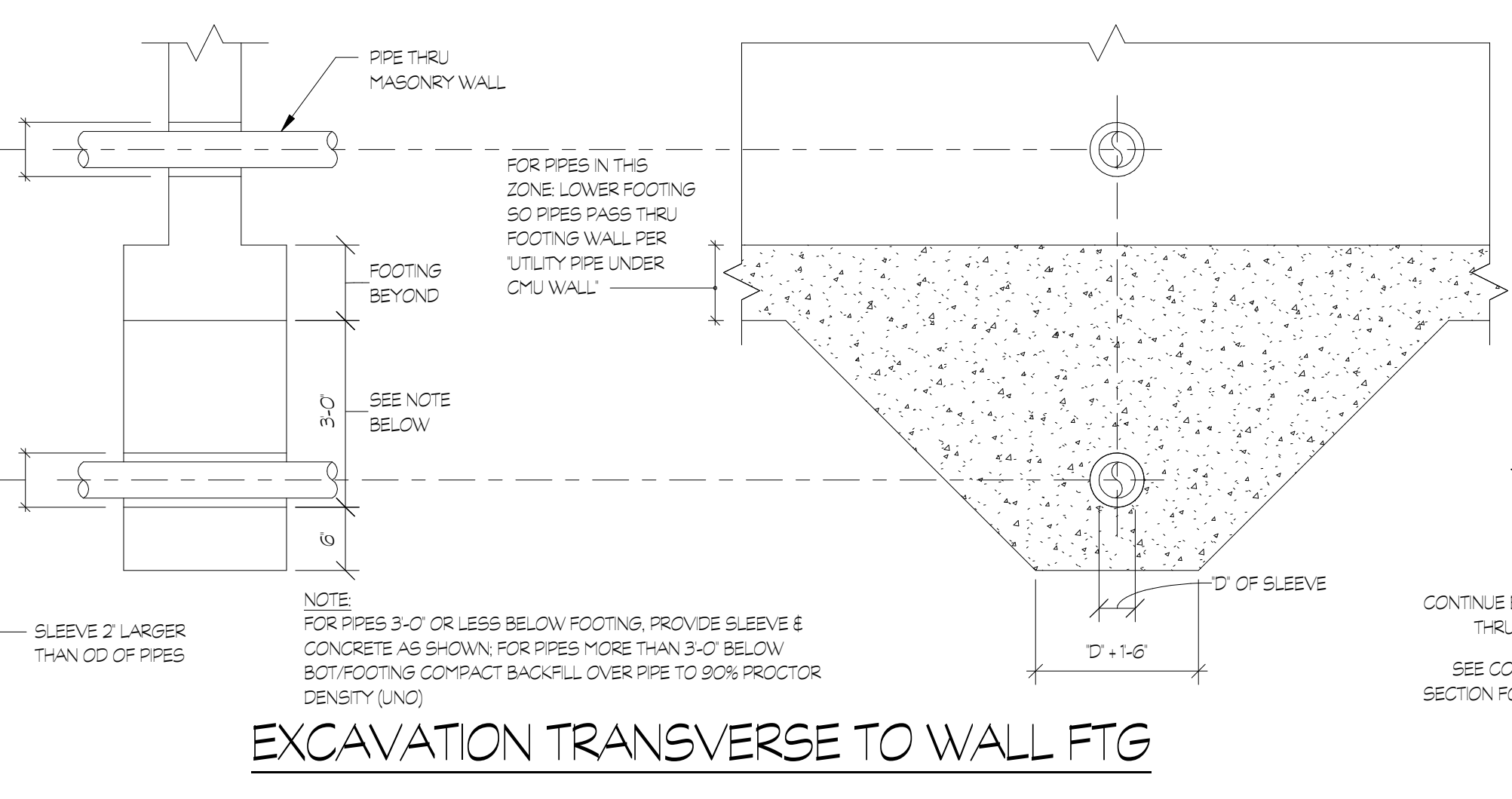
NOT FOR CONSTRUCTION



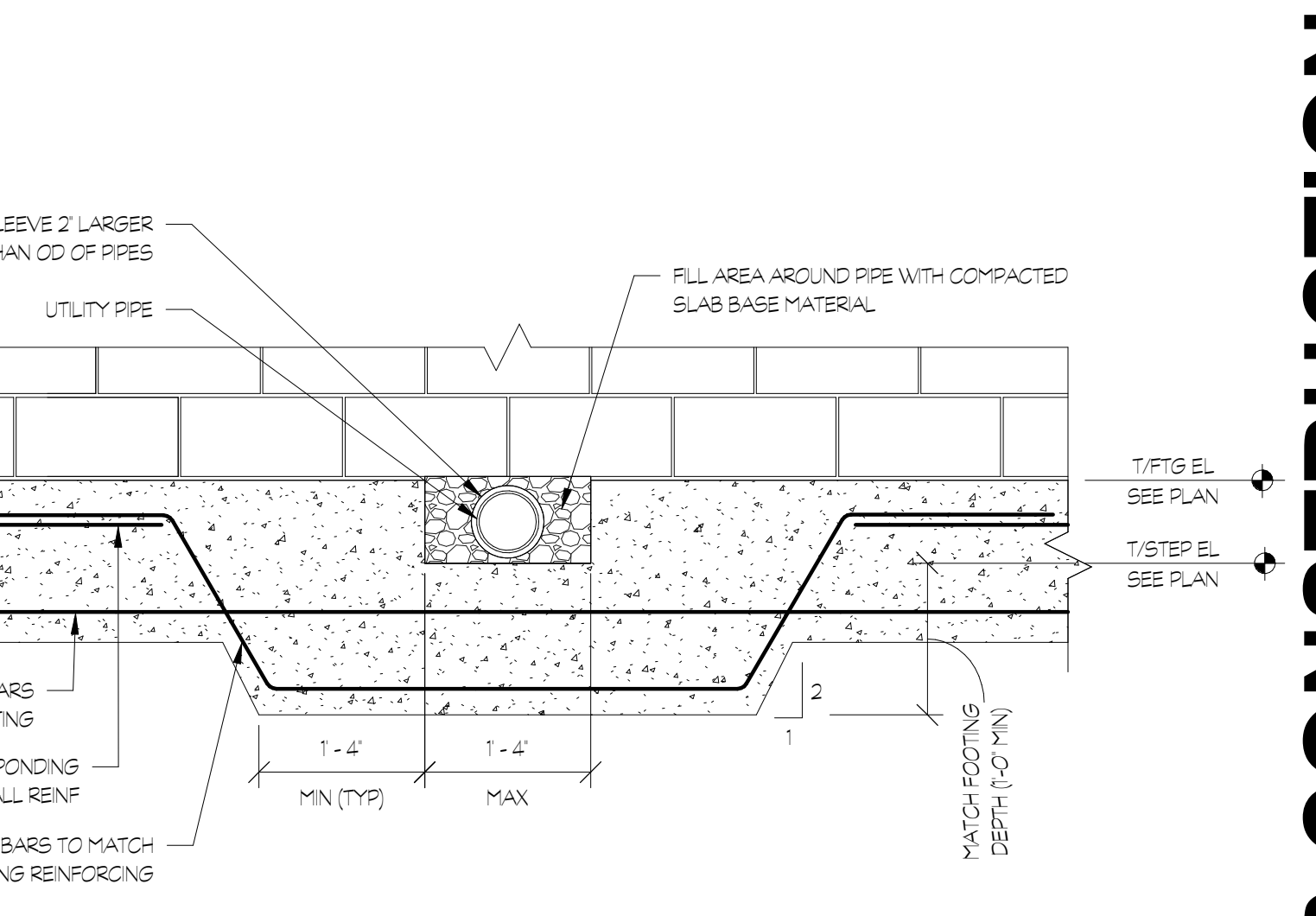
1 STEPPED CONTINUOUS FOOTING DETAIL
S4.01 3/4" = 1'-0"



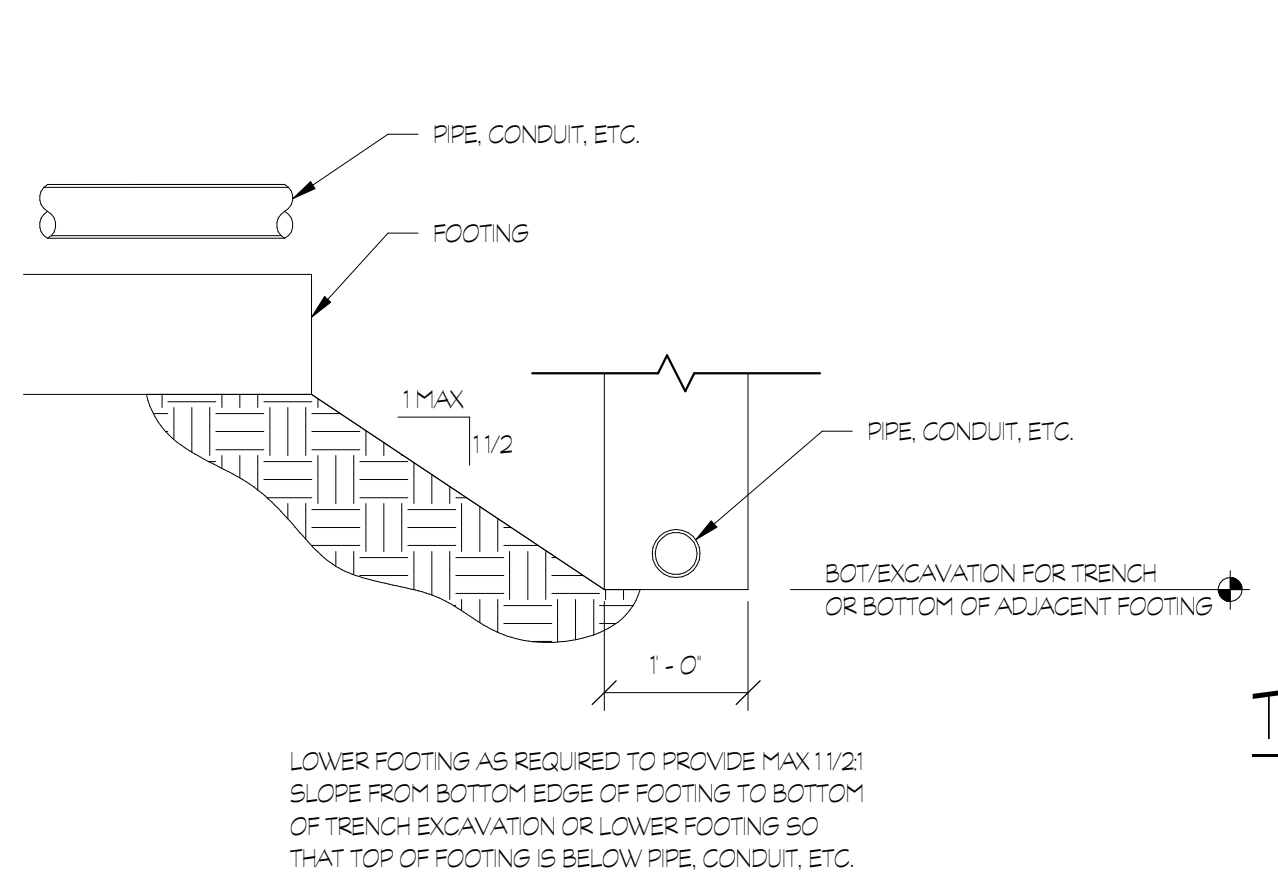
2 FLOOR SLAB DRAIN DETAIL
S4.01 3/4" = 1'-0"



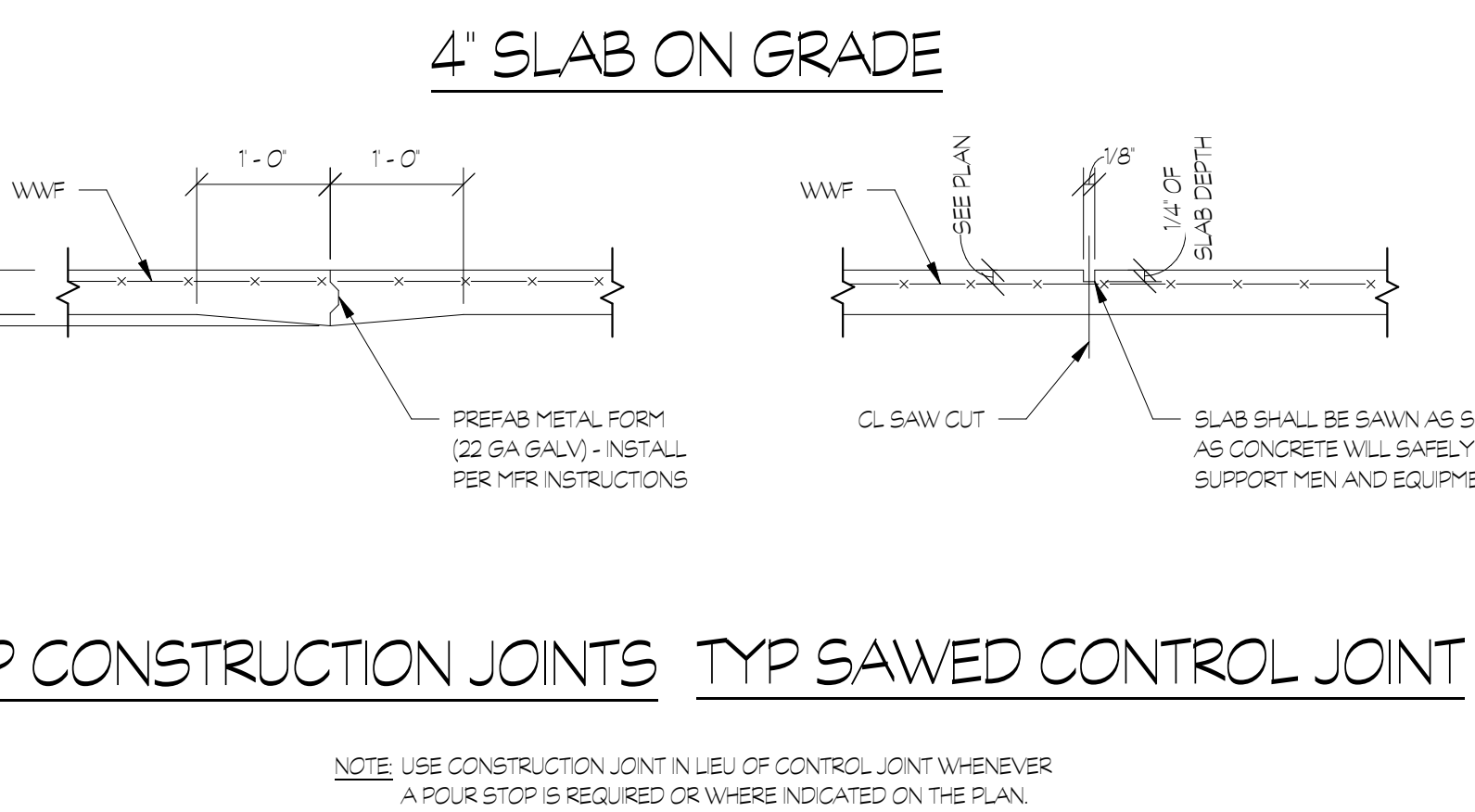
3 FOUNDATION DETAIL @ UTILITY PIPES
S4.01 3/4" = 1'-0"



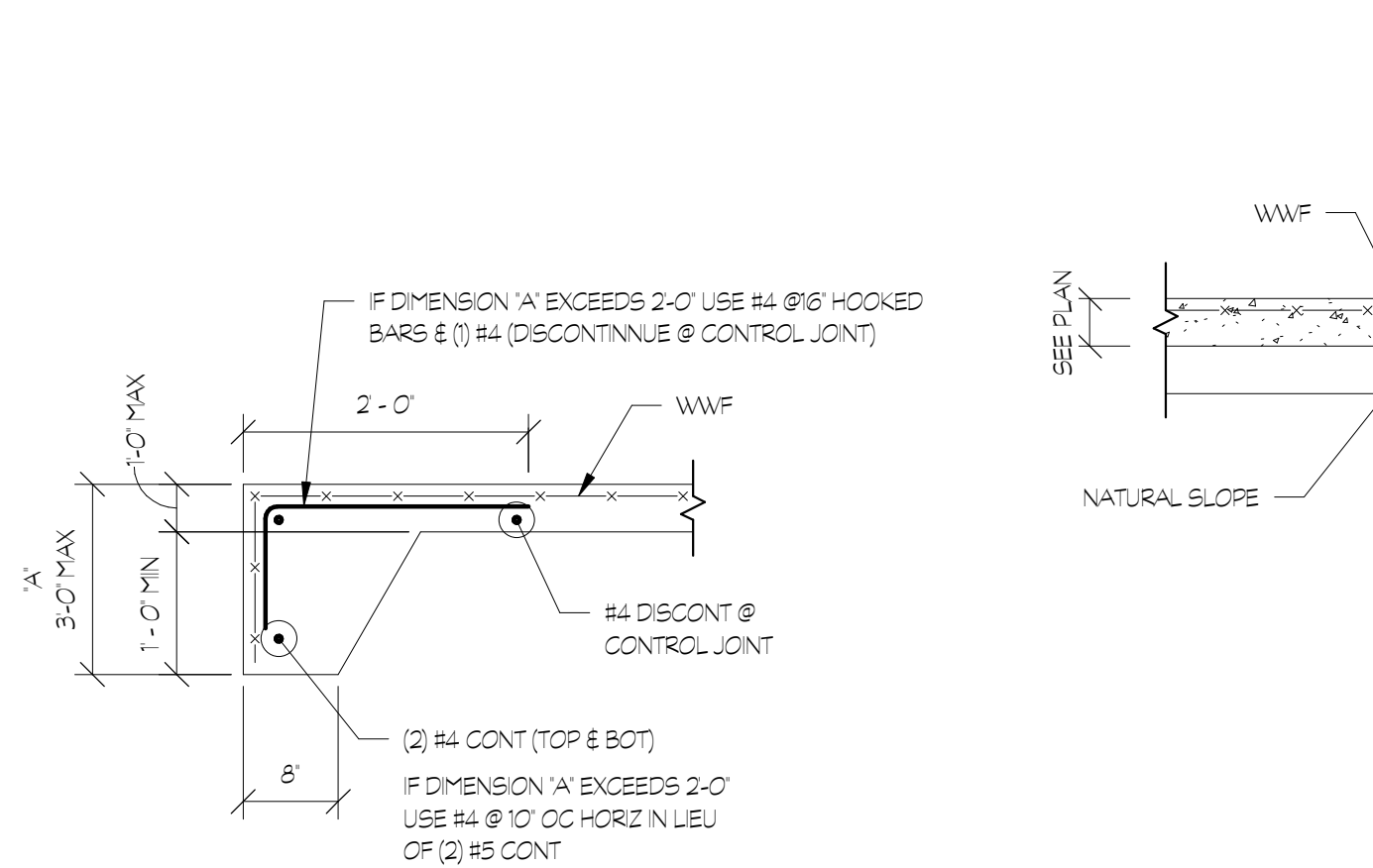
4 FOUNDATION DETAIL @ UTILITY PIPES
S4.01 3/4" = 1'-0"



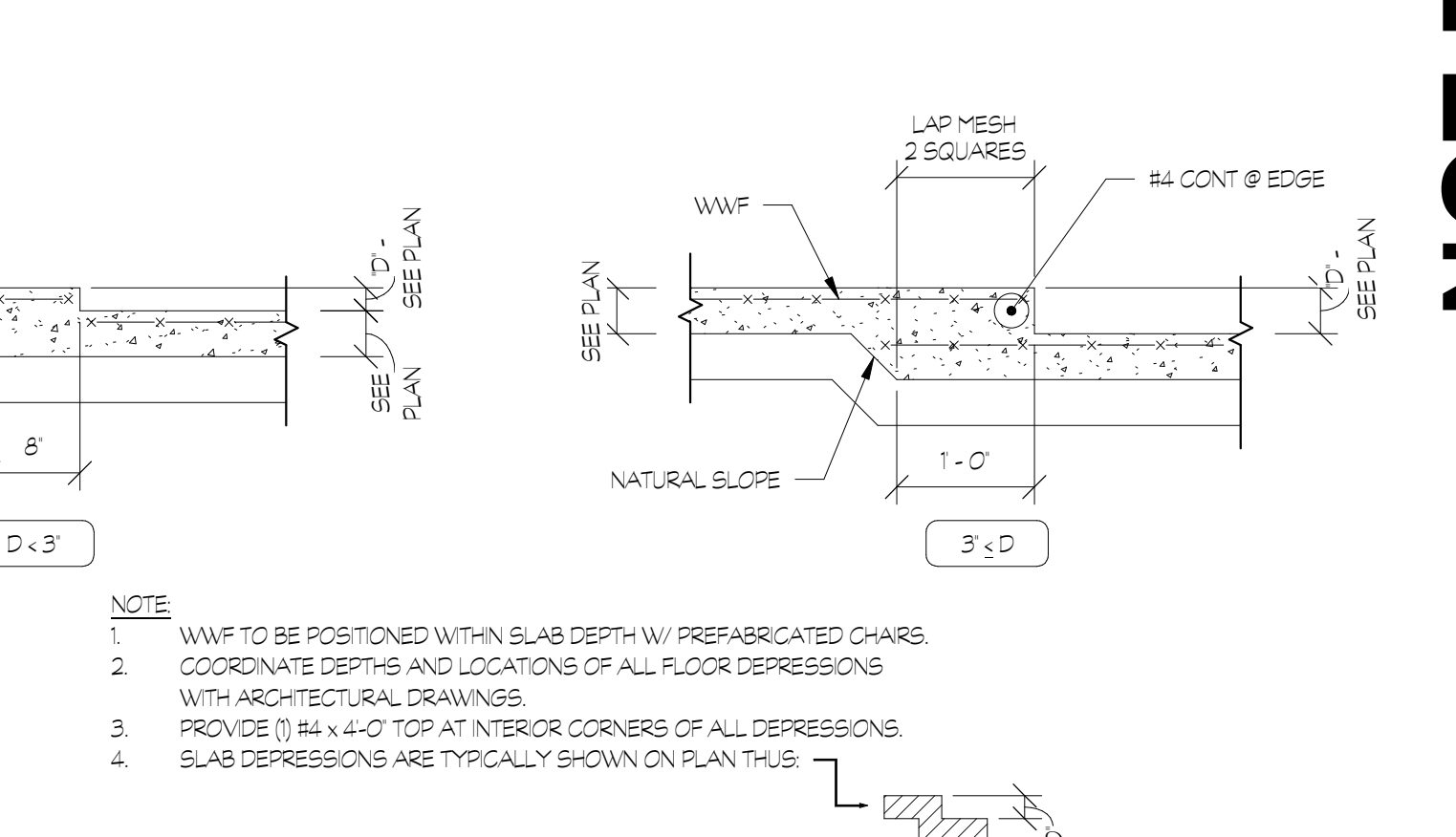
5 FOUNDATION INFLUENCE DETAIL
S4.01 3/4" = 1'-0"



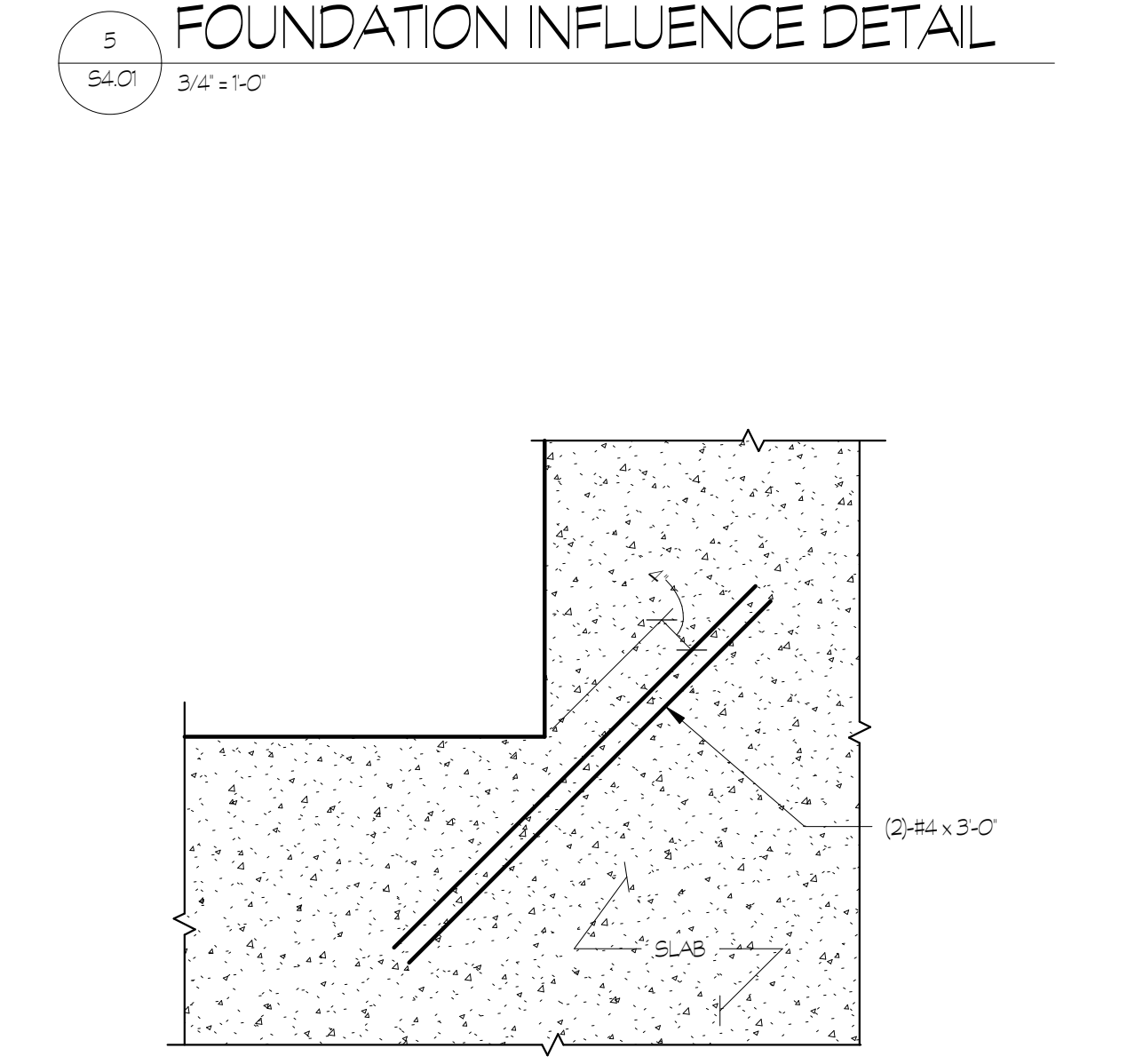
6 SLAB-ON-GRADE JOINT DETAILS
S4.01 3/4" = 1'-0"



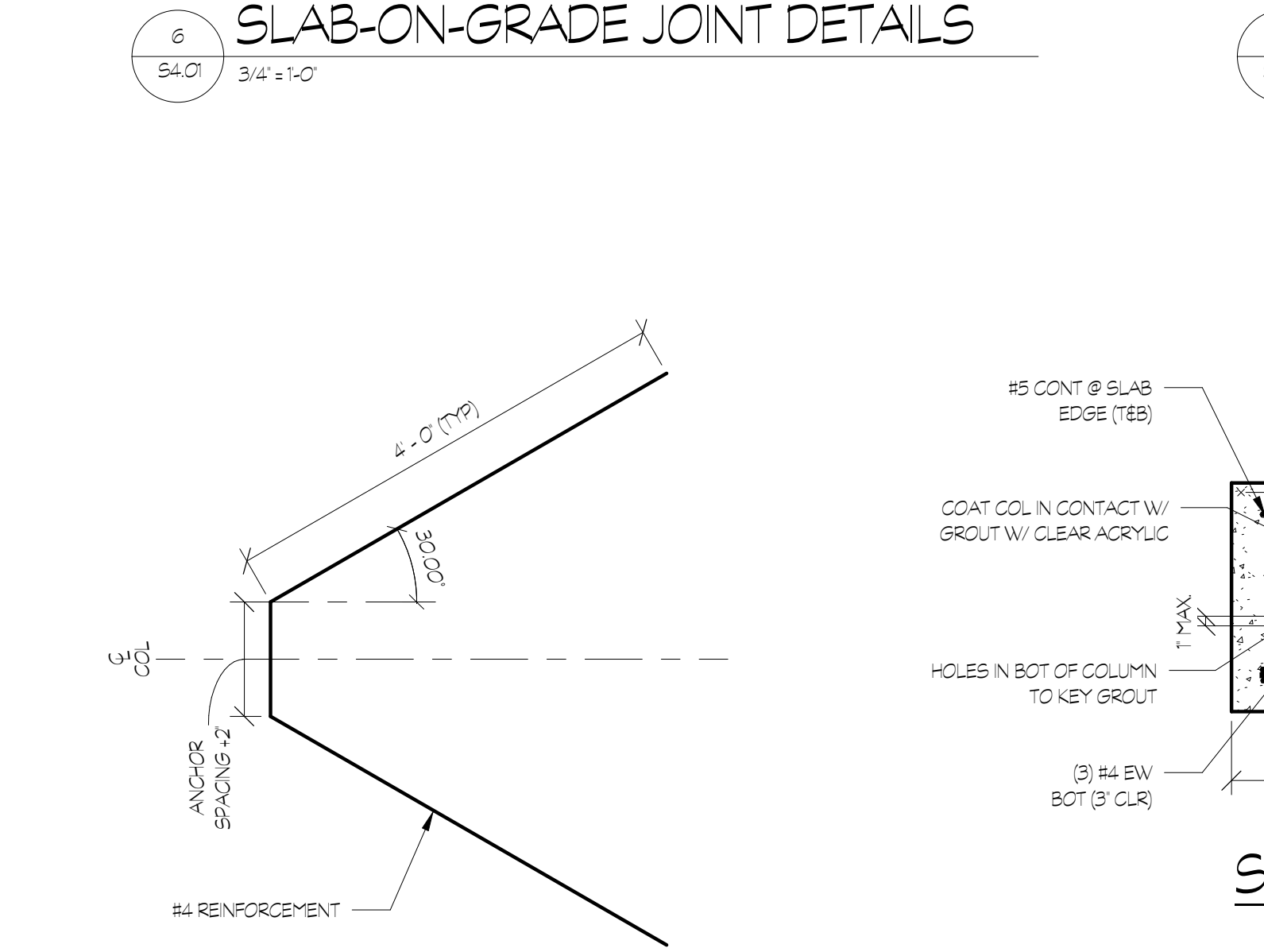
7 TYP TURNED DOWN SLAB
S4.01 3/4" = 1'-0"



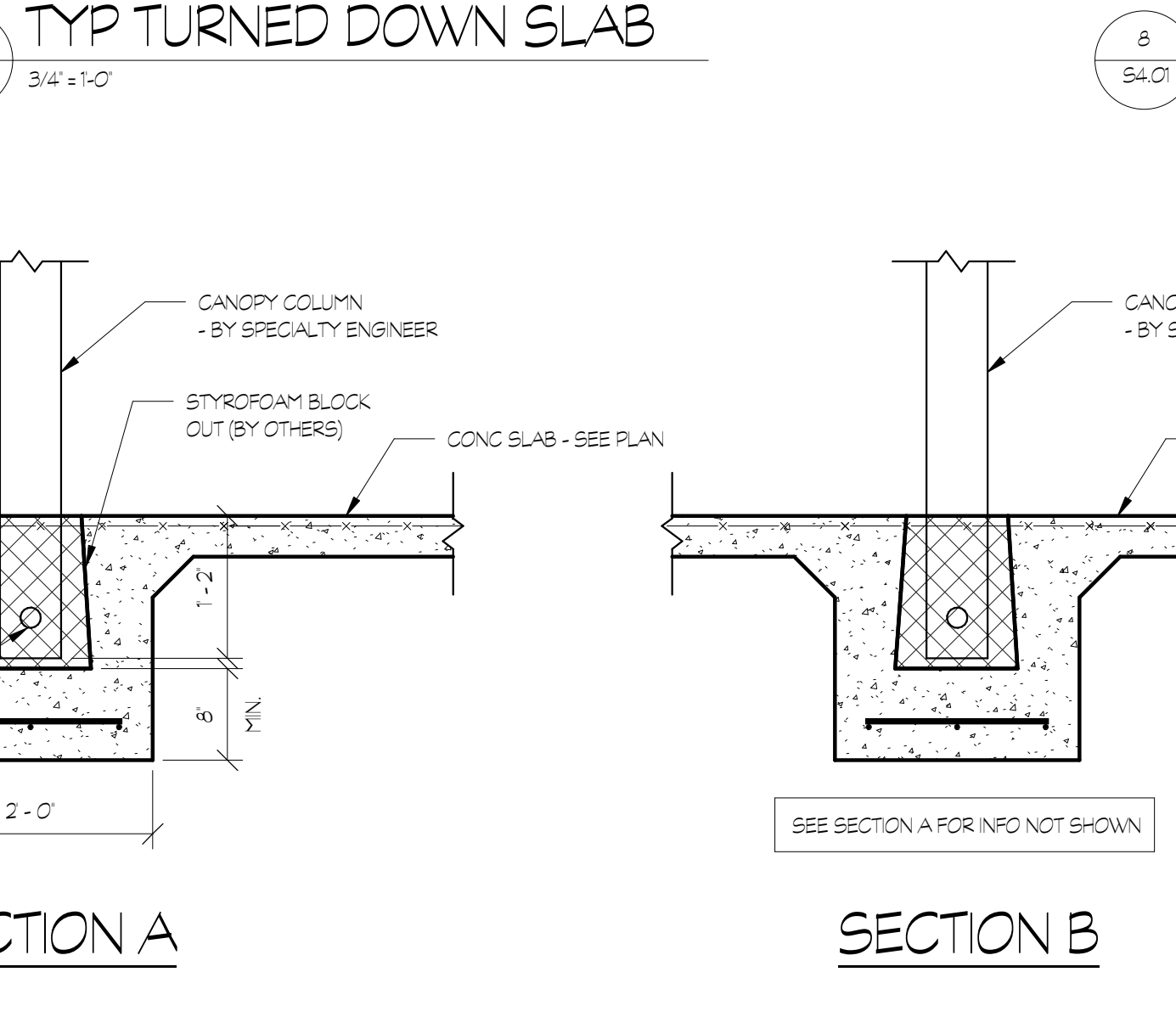
8 TYP DEPRESSED SLAB-ON-GRADE DETAILS
S4.01 3/4" = 1'-0"



12 SLAB RE-ENTRANT CORNER DETAIL
S4.01 3/4" = 1'-0"



13 HAIRPIN DETAIL
S4.01 3/4" = 1'-0"



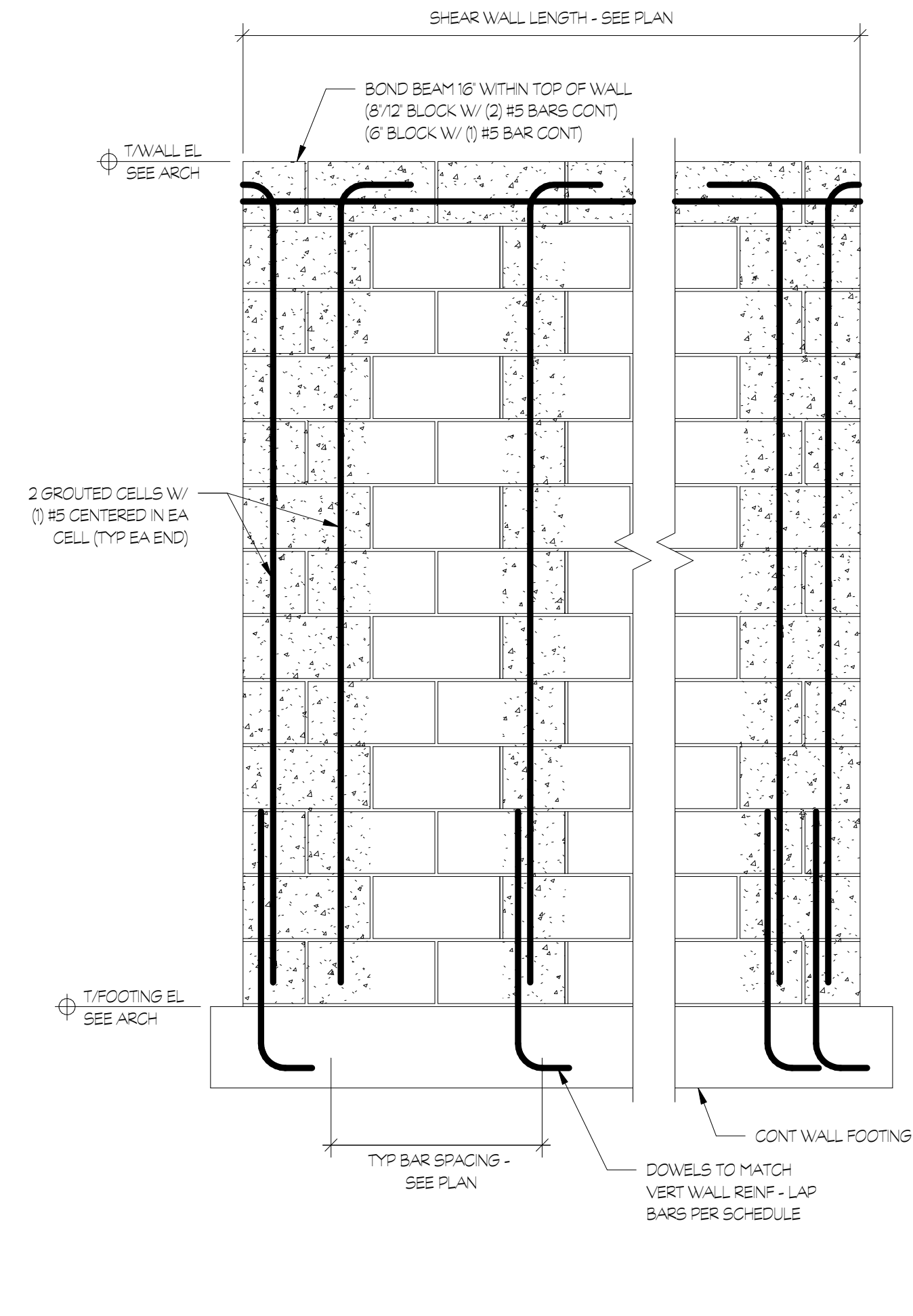
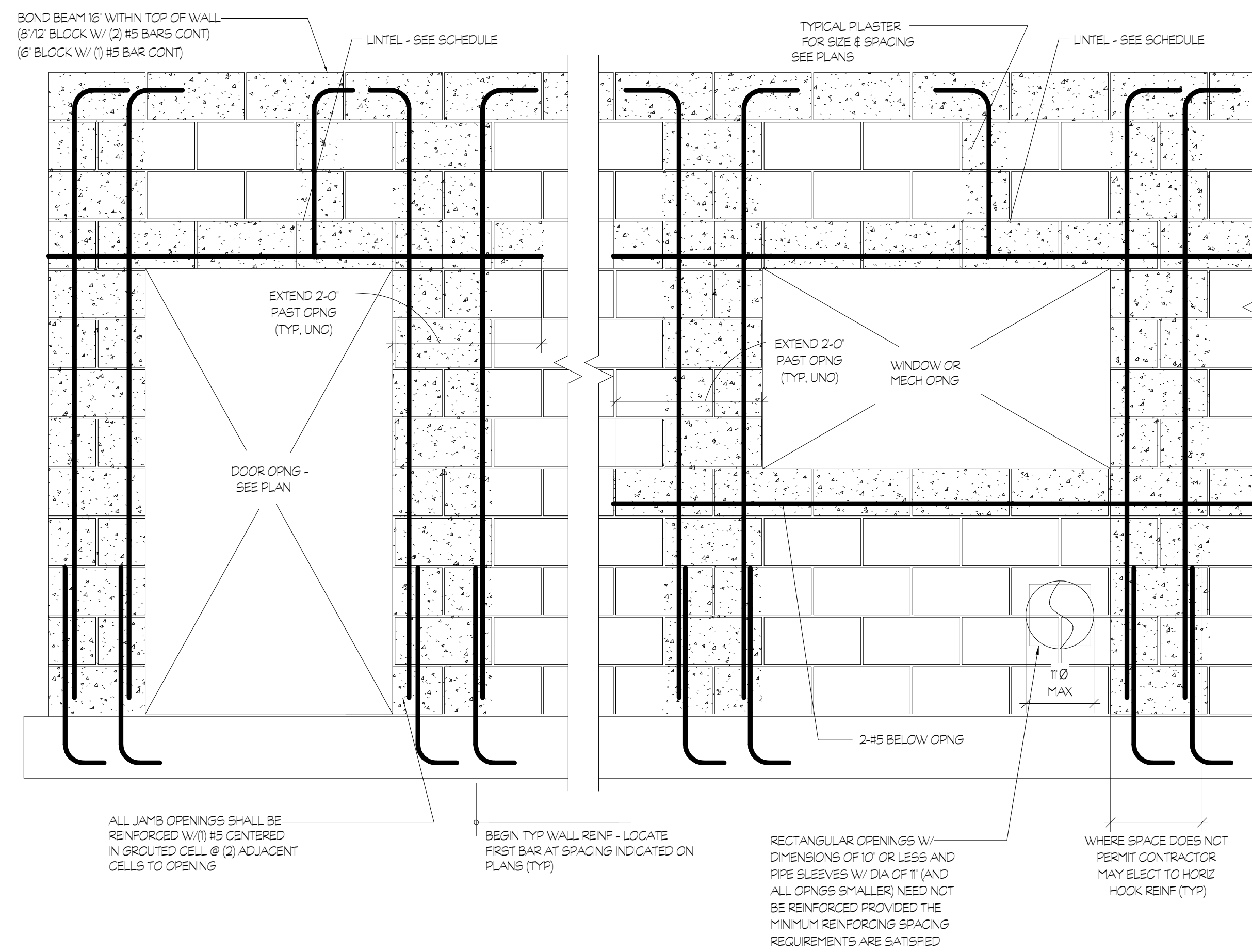
14 PRE-ENGINEERED CANOPY COLUMN/FOOTINGS DETAILS
S4.01 3/4" = 1'-0"

EXCAVATION TRANSVERSE TO WALL FTG

TYP CONSTRUCTION JOINTS TYP SAWED CONTROL JOINT

SECTION A

SECTION B

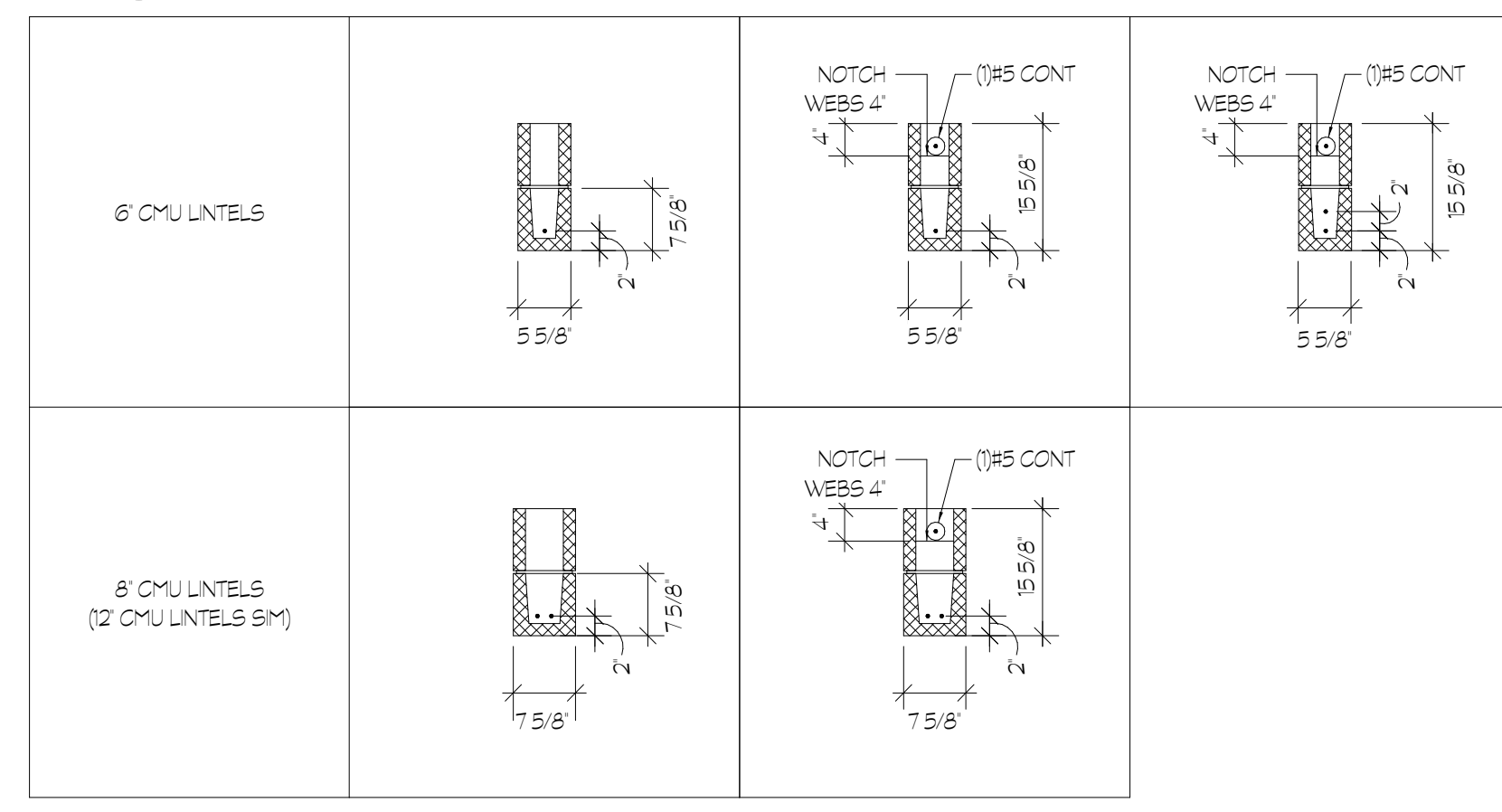


OPENING WIDTH		STEEL LINTELS FOR EACH 4\"/>					
MIN.	MAX.						
-	2'-0"	-	7 5/8"	(1) #4	(1) #4 BOTT.	(2) #5 BOTT.	(2) #5 BOTT.
2'-1"	3'-6"	-	7 5/8"	(1) #4	(1) #4 BOTT.	(2) #5 BOTT.	(2) #5 BOTT.
3'-7"	5'-0"	-	7 5/8"	(1) #4	(1) #5 BOTT.	(2) #5 BOTT.	(2) #5 BOTT.
5'-1"	6'-6"	-	15 5/8"	-	(1) #5 BOTT.	(2) #5 BOTT.	(2) #6 BOTT.
6'-7"	8'-0"	-	15 5/8"	-	(1) #5 BOTT.	(2) #5 BOTT.	(2) #6 BOTT.
8'-1"	10'-0"	-	15 5/8"	-	(2) #5 BOTT.	(2) #5 BOTT.	(2) #6 BOTT.
10'-1"	12'-0"	-	15 5/8"	-	(2) #5 BOTT.	(2) #5 BOTT.	(2) #6 BOTT.

* 6\"/>

NOTES:
 1. USE EITHER STEEL LINTEL OR MASONRY LINTEL (SEE ARCH HEAD DETAILS).
 2. THIS SCHEDULE TO BE USED UNLESS NOTED OTHERWISE.
 3. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO LINTEL.
 4. DO NOT USE THIS SCHEDULE IF HEIGHT OF MASONRY ABOVE OPENING IS LESS THAN HALF OF THE OPENING WIDTH.
 5. ALL STEEL LOOSE LINTELS SHALL BE GALVANIZED.

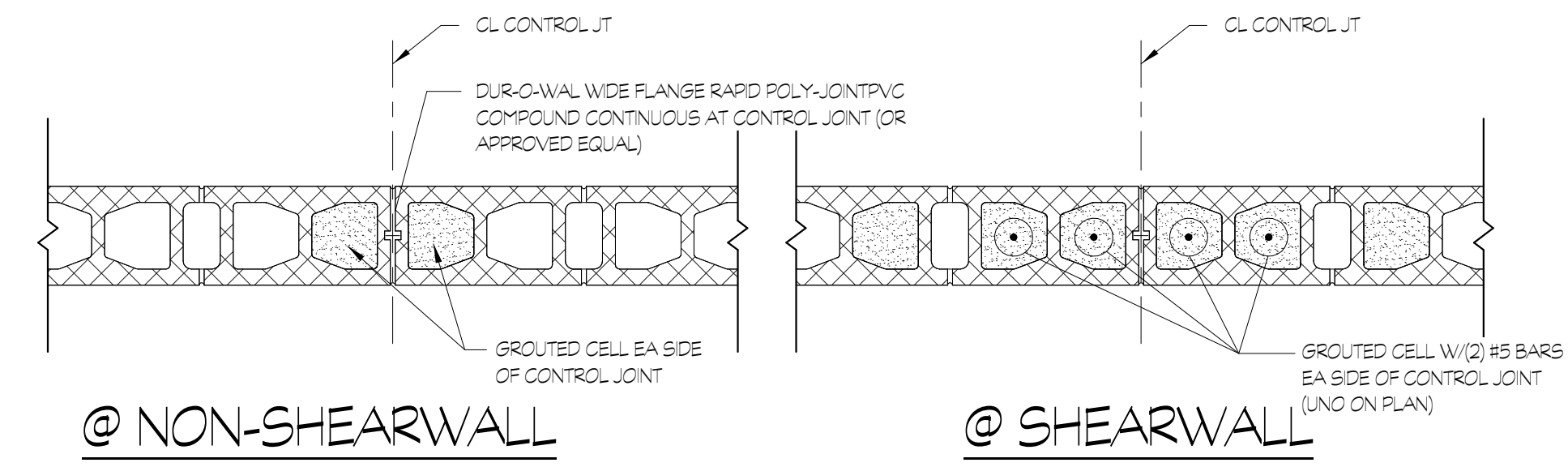
3 MASONRY WALL LINTEL SCHEDULE
3/4" = 1'-0"



1 TYP CMU SHEARWALL ELEVATION WITH OPENINGS
3/4" = 1'-0"

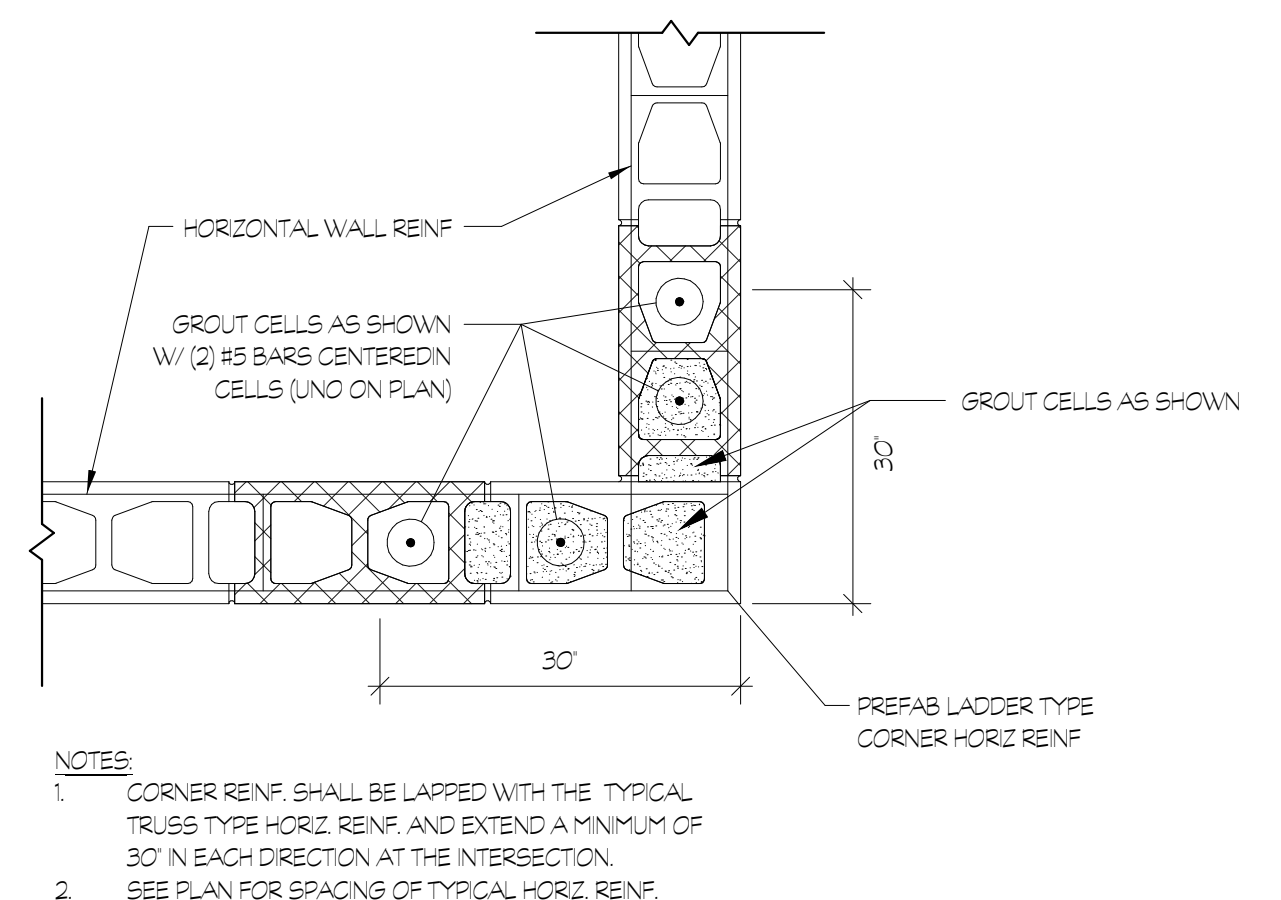
2 TYP CMU SHEARWALL ELEVATION
3/4" = 1'-0"

4 MASONRY LINTEL REINFORCING CONFIGURATIONS
3/4" = 1'-0"



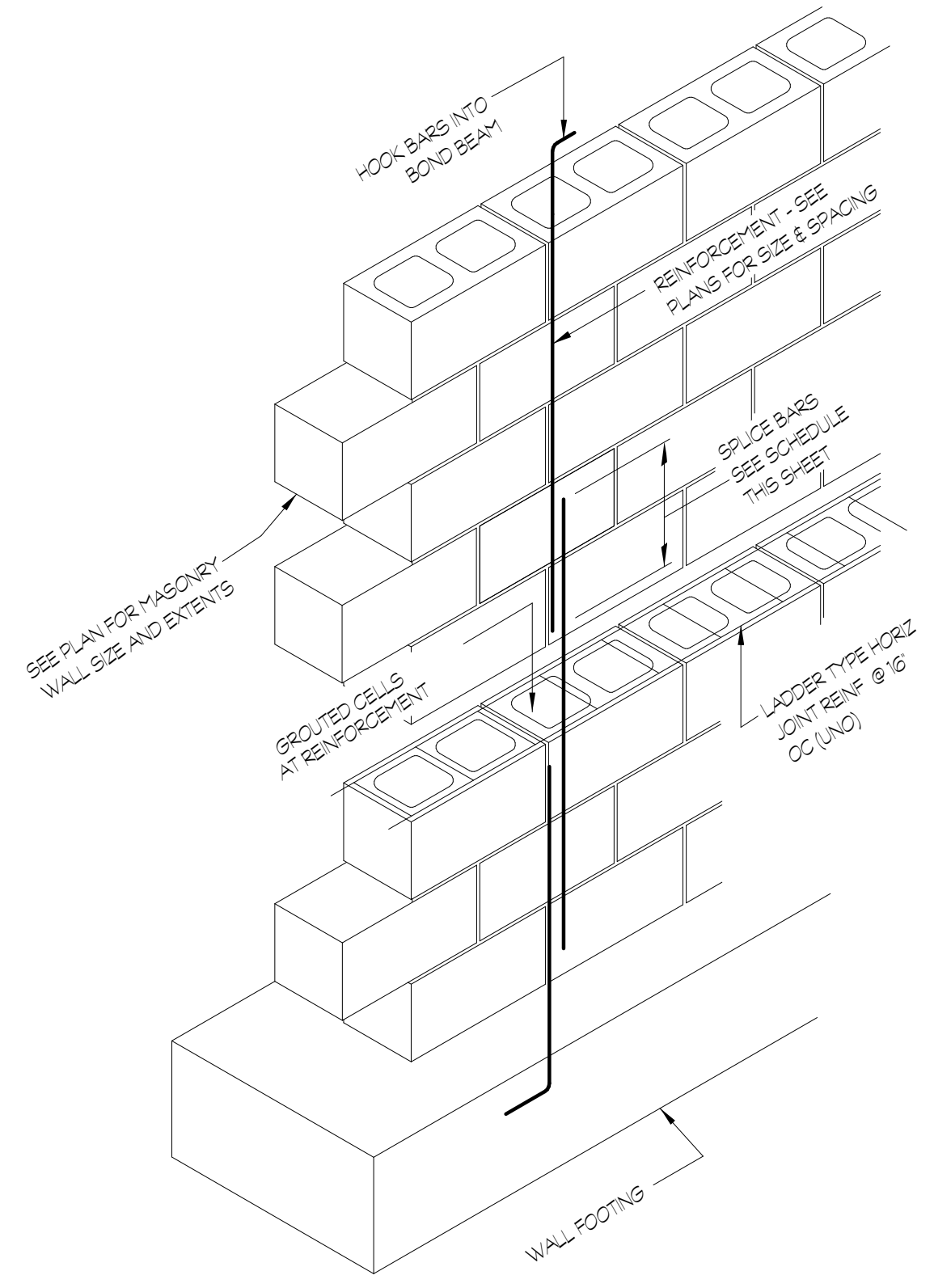
NOTES:
 1. SEE GENERAL NOTES FOR SPACING GUIDELINES FOR CONTROL JOINTS IN INTERIOR EXTERIOR CMU WALLS.
 2. SEE ARCH FOR EXACT LOCATIONS OF CONTROL JOINTS.
 3. DISCONTINUE HORIZONTAL REINFORCING AT CONTROL JOINT LOCATIONS.

6 TYP CMU CONTROL JOINTS
3/4" = 1'-0"



NOTES:
 1. CORNER REINF. SHALL BE LAPPED WITH THE TYPICAL TRUSS TYPE HORIZ. REINF. AND EXTEND A MINIMUM OF 30\"/>

7 TYP CMU WALL CORNER INTERSECTION @ SHEARWALL
3/4" = 1'-0"



REINFORCING LAP LENGTH SCHEDULE*	
BAR SIZE	LAP LENGTH
#4	2'
#5	26" (8' CMU) 36" (12' CMU)
#6	43"

* LAP LENGTHS APPLY TO 8\"/>

- LOW LIFT GROUTING PROCEDURE
- CONSTRUCT WALL TO HEIGHT OF 5'-0". ALLOW MORTAR TO SET SUFFICIENTLY TO WITHSTAND GROUT PRESSURE.
 - INSPECT UNITS FOR ALIGNMENT. CLEAN OUT CELLS TO BE FILLED.
 - FILL CELLS TO 1 1/2" BELOW TOP COURSE.
 - DELAY 3 TO 5 MINUTES PRIOR TO CONSOLIDATING TO ALLOW WATER TO BE ABSORBED BY MASONRY.

5 TYP DETAIL OF LOW-LIFT REINFORCED MASONRY CONSTRUCTION
3/4" = 1'-0"

NOT FOR CONSTRUCTION

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DESIGN
SPACES FOR LIFE.

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FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

CD PROGRESS

SHEET TITLE

TYPICAL SECTIONS & DETAILS

PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **ARY** SCALE
 CHECKED BY **WJP** 3/4" = 1'-0"
 SHEET NO.

S4.02

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FAYETTE MULTIUSE FACILITY
PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

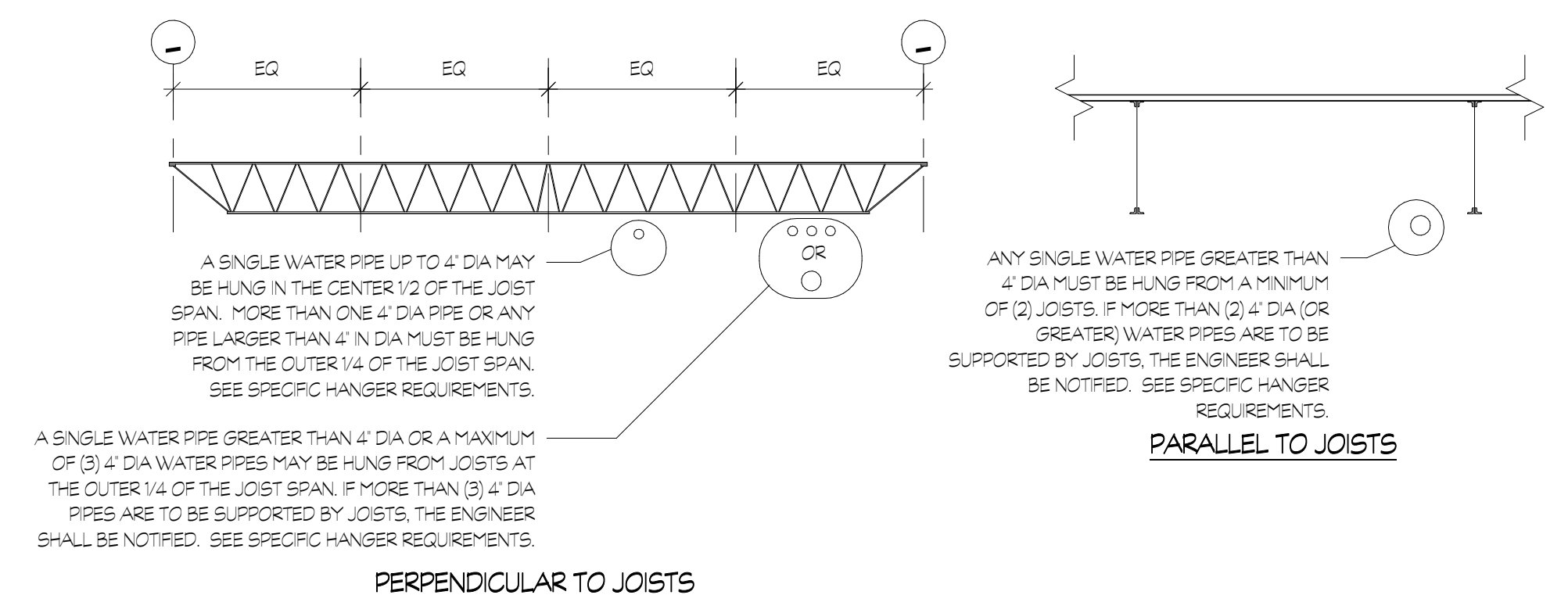
CD PROGRESS

SHEET TITLE

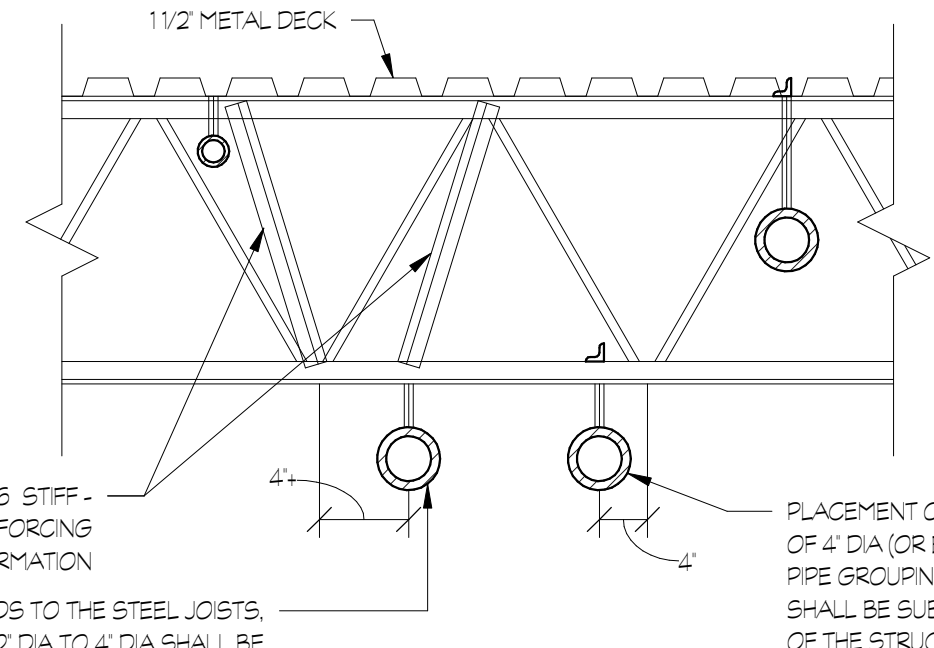
TYPICAL SECTIONS & DETAILS

PROJECT NO. 21091
DATE 06/21/2024
DRAWN BY ARY
SCALE
CHECKED BY WJP
As indicated
SHEET NO.

S4.03



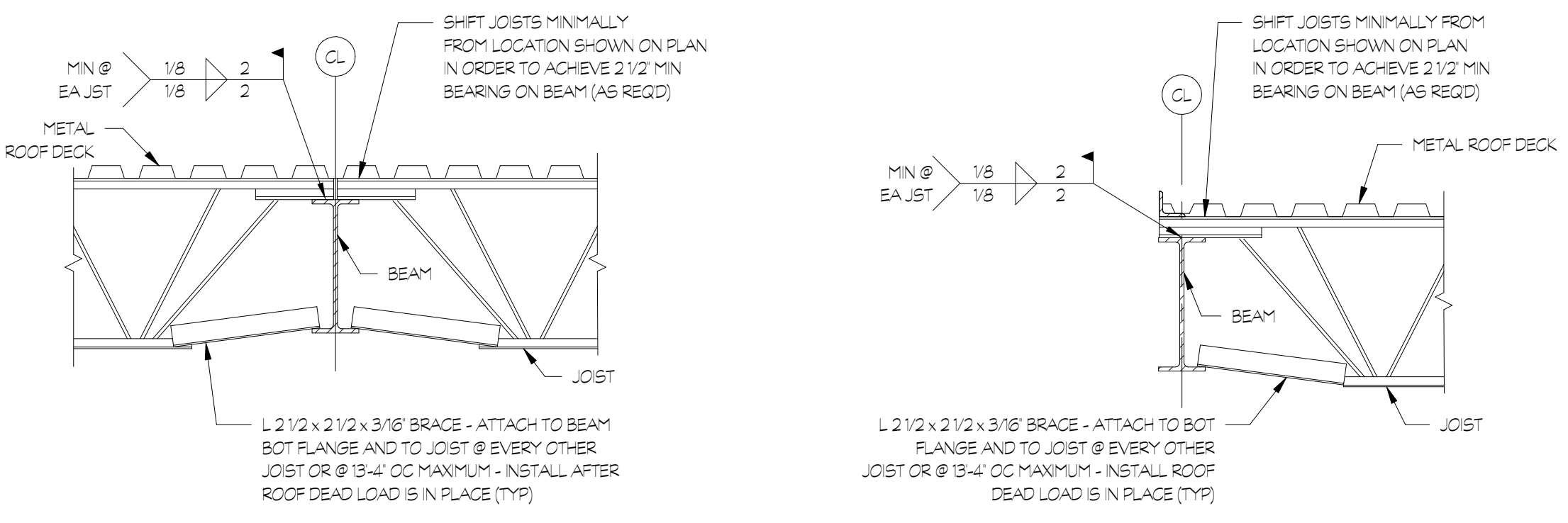
PERPENDICULAR TO JOISTS



PARALLEL TO JOISTS

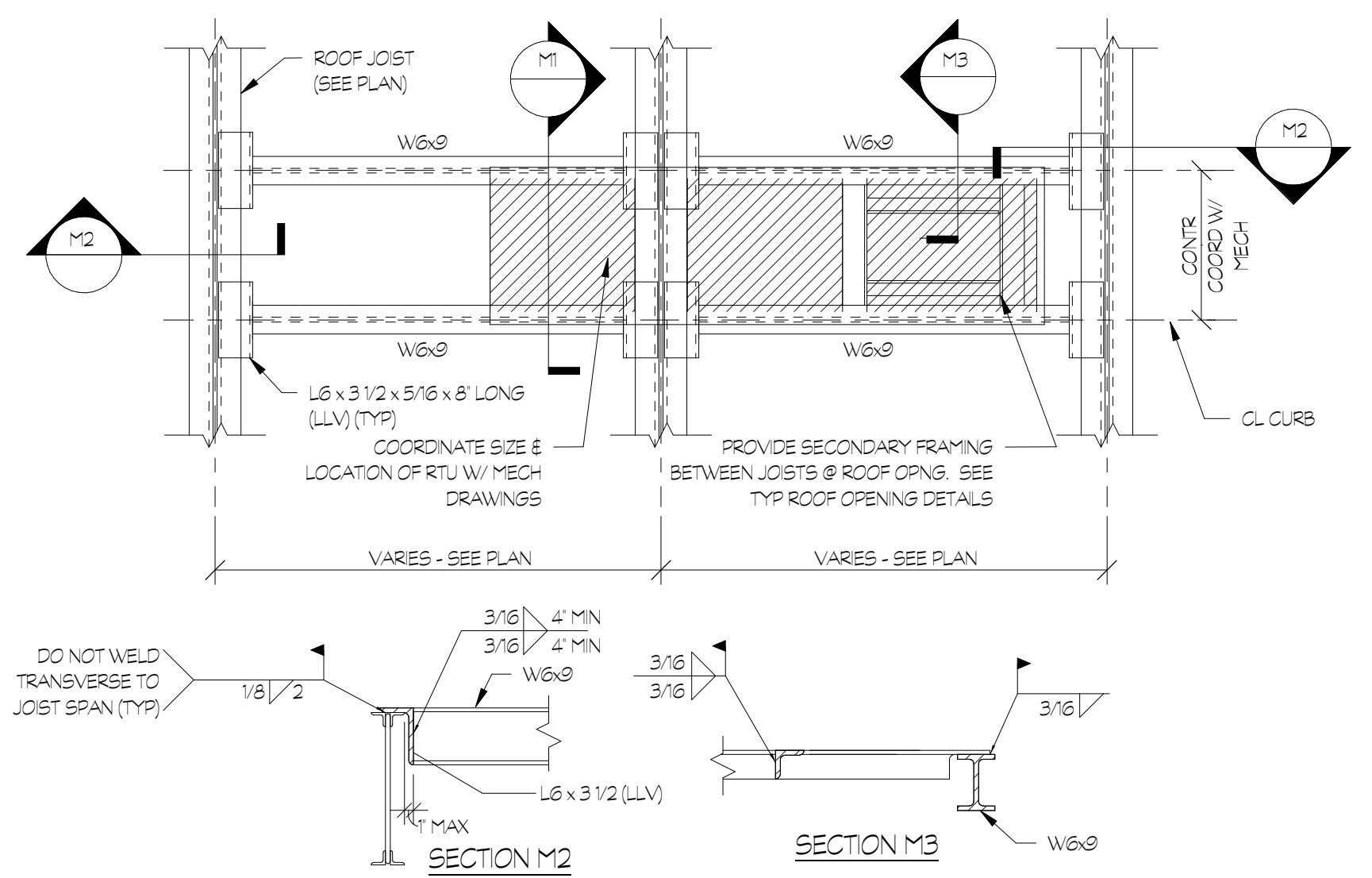
SPECIFIC HANGER REQUIREMENTS

1 TYP DETAILS OF PIPES SUPPORTED BY JOISTS
S4.03 3/4" = 1'-0"

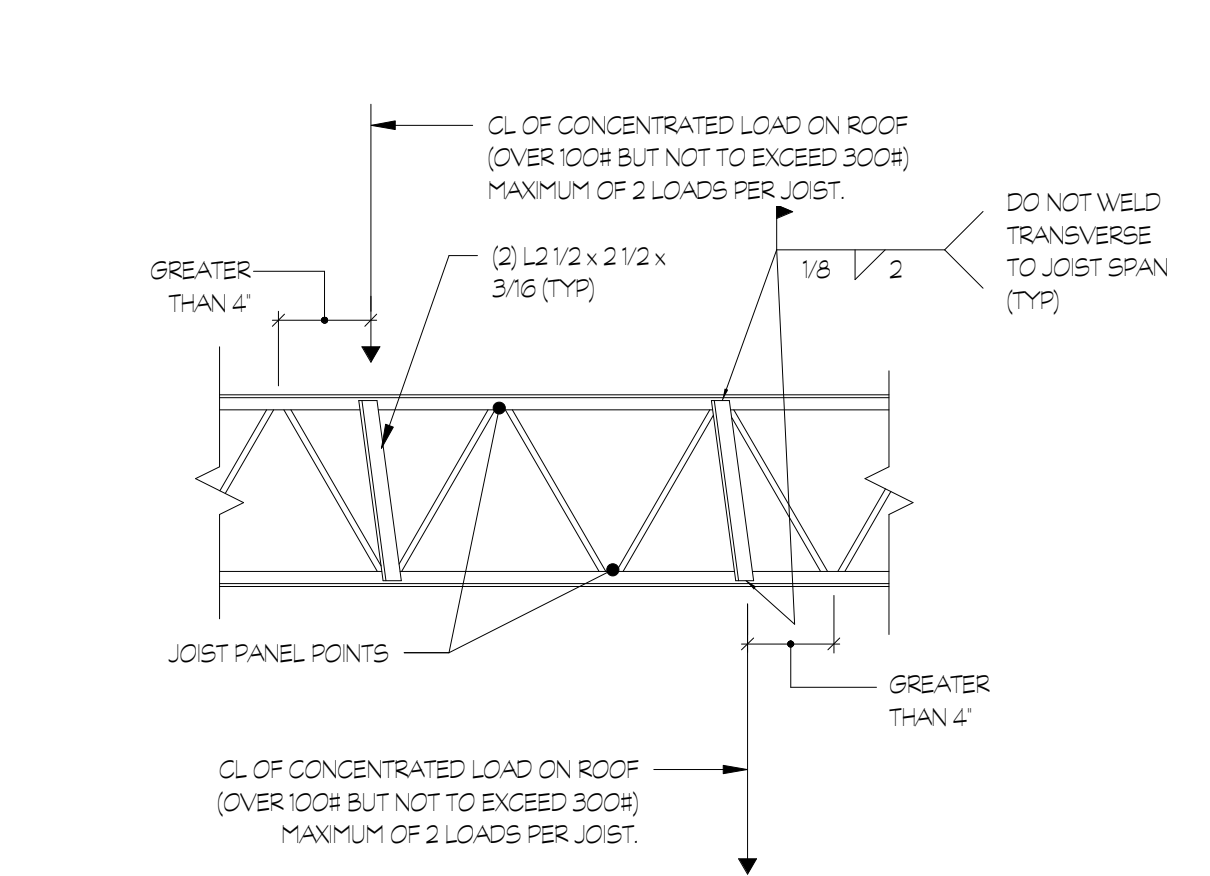


5 TYP JOIST EXTENSION
S4.03 3/4" = 1'-0"

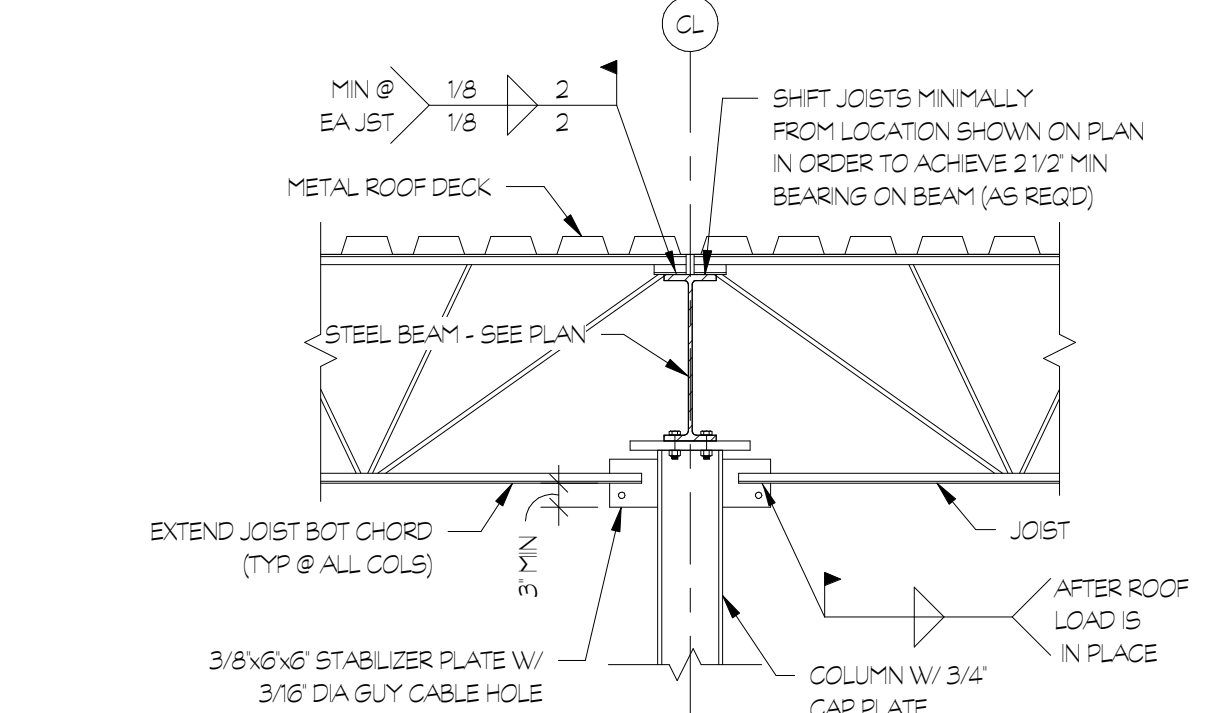
6 TYP JOIST EXTENSION
S4.03 3/4" = 1'-0"



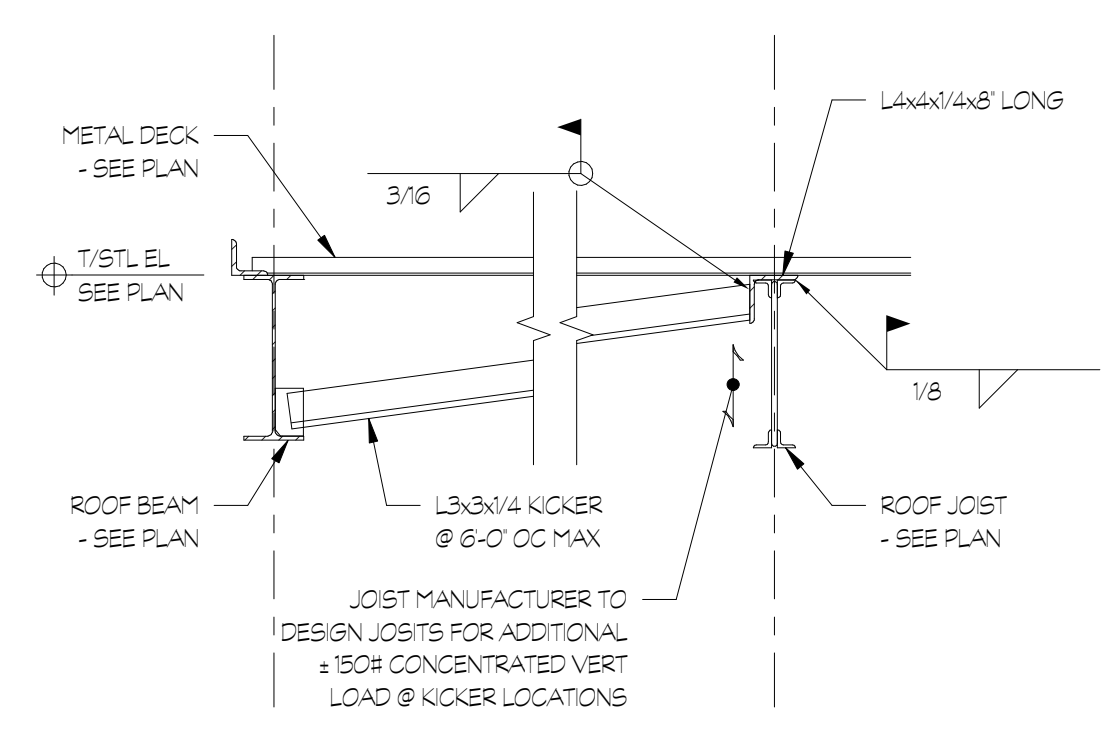
2 MECHANICAL UNIT SUPPORT FRAMING DETAILS
S4.03 3/4" = 1'-0"



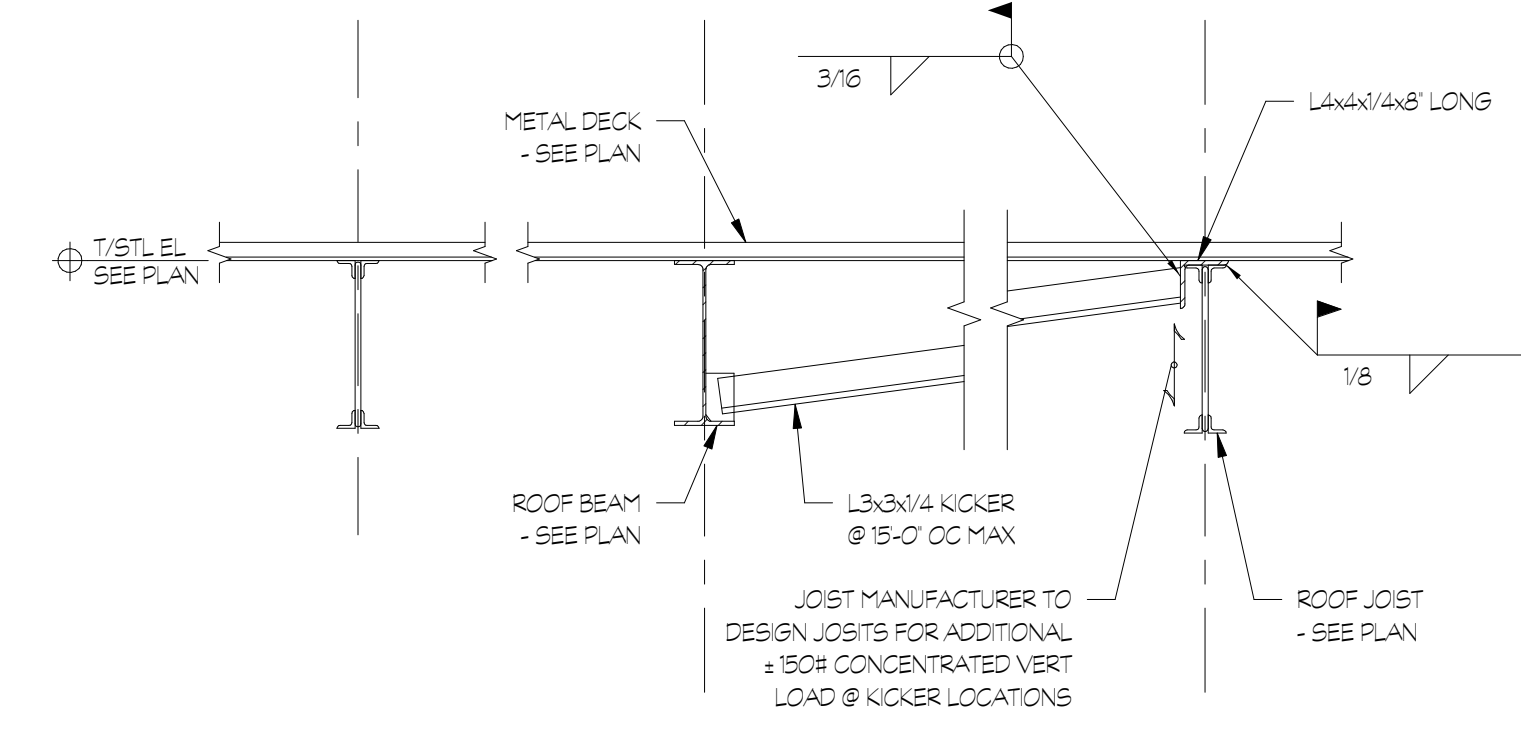
3 TYP JOIST REINFORCING DETAIL
S4.03 3/4" = 1'-0"



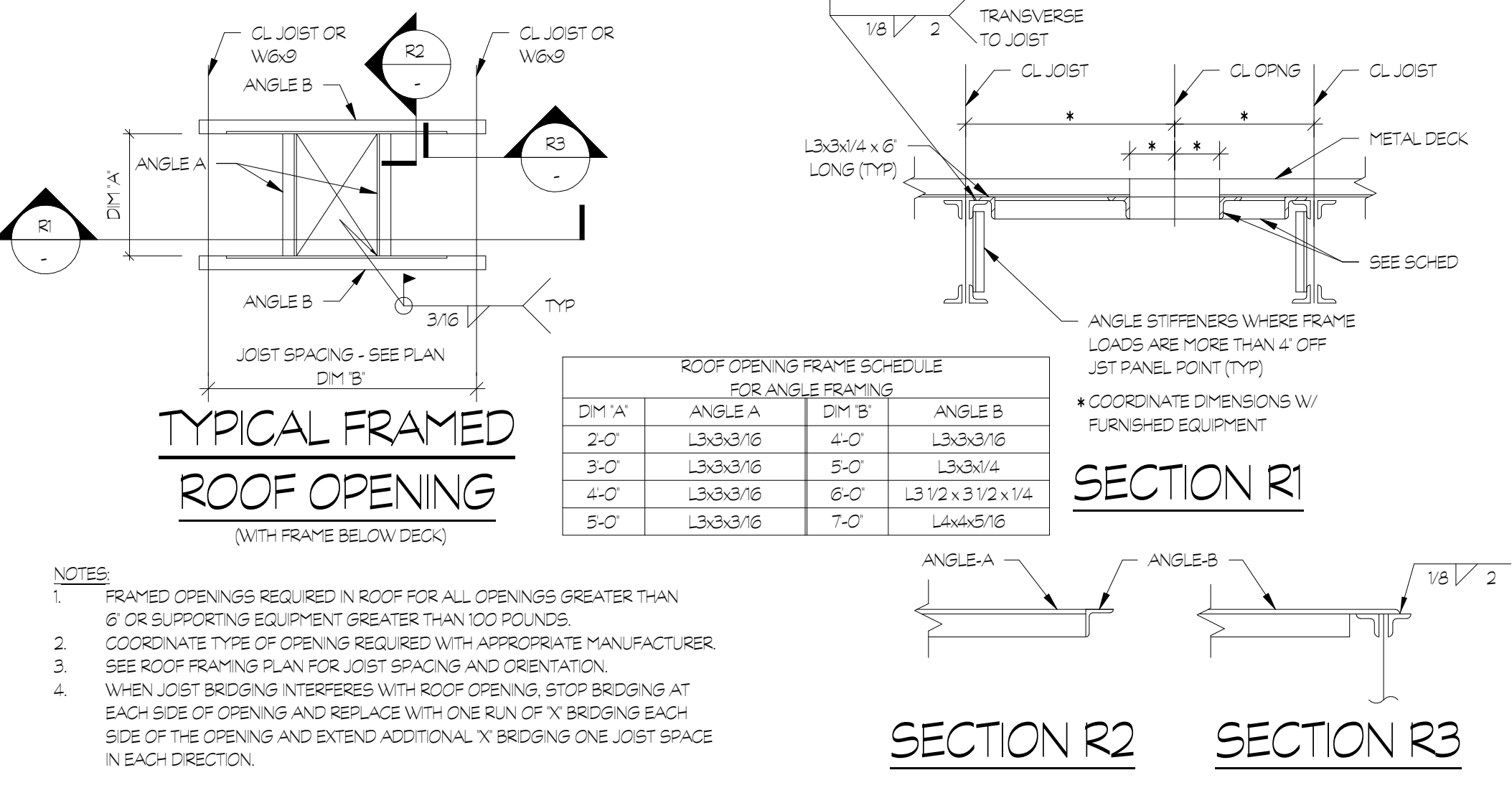
4 TYP JOIST EXTENSION @ COL
S4.03 3/4" = 1'-0"



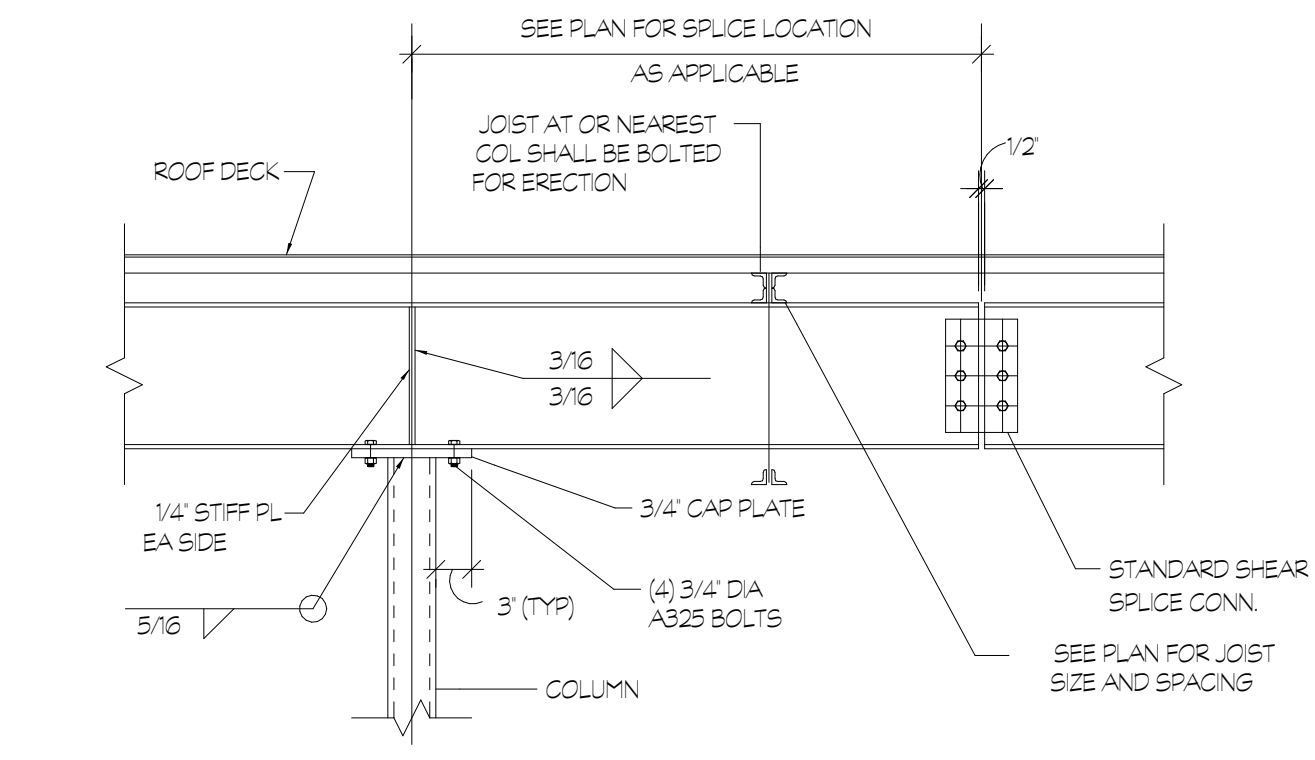
7 TYP KICKER @ EXTERIOR BEAM
S4.03 3/4" = 1'-0"



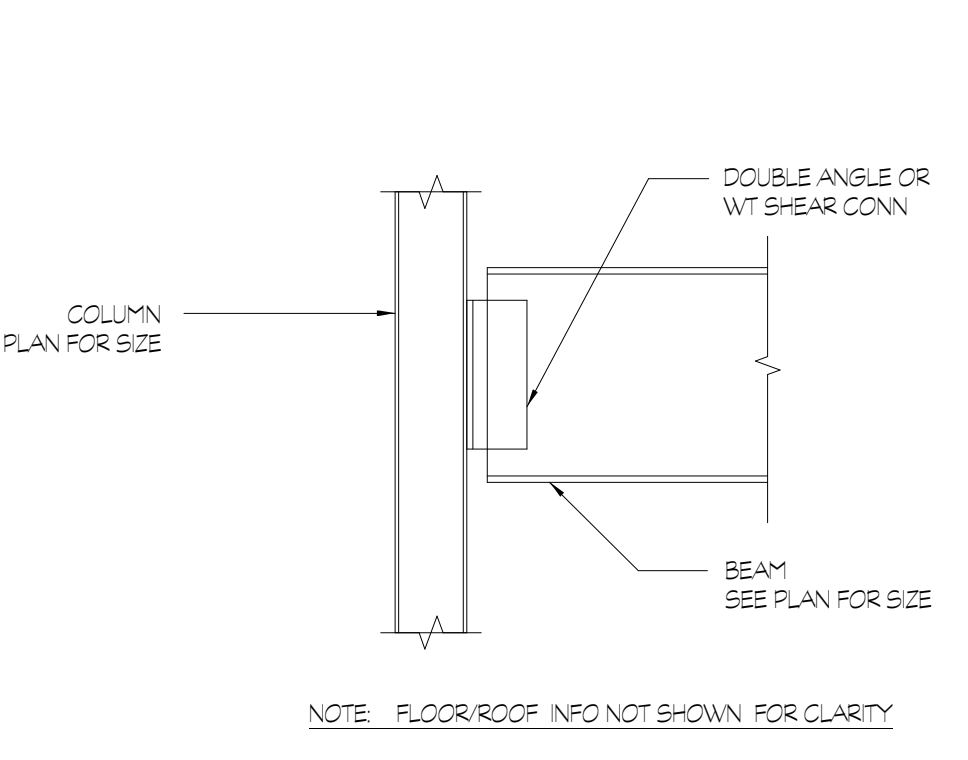
8 TYP KICKER @ INTERIOR ROOF BEAM
S4.03 3/4" = 1'-0"



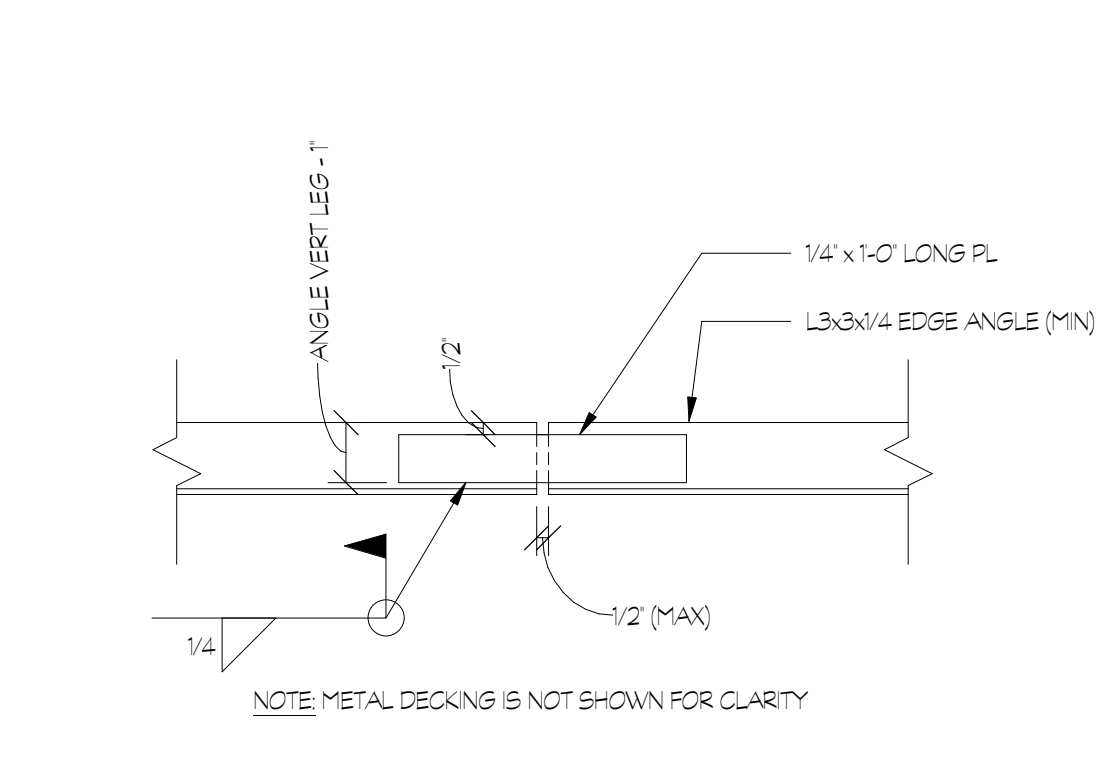
9 TYP FRAMED ROOF OPENING DETAILS
S4.03 3/4" = 1'-0"



10 TYP BEAM SPICE & COLUMN DETAIL
S4.03 3/4" = 1'-0"



11 TYP BEAM FRAMING DETAIL
S4.03 3/4" = 1'-0"



12 TYP EDGE ANGLE SPICE DETAIL
S4.03 1/2" = 1'-0"

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STAMP
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FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

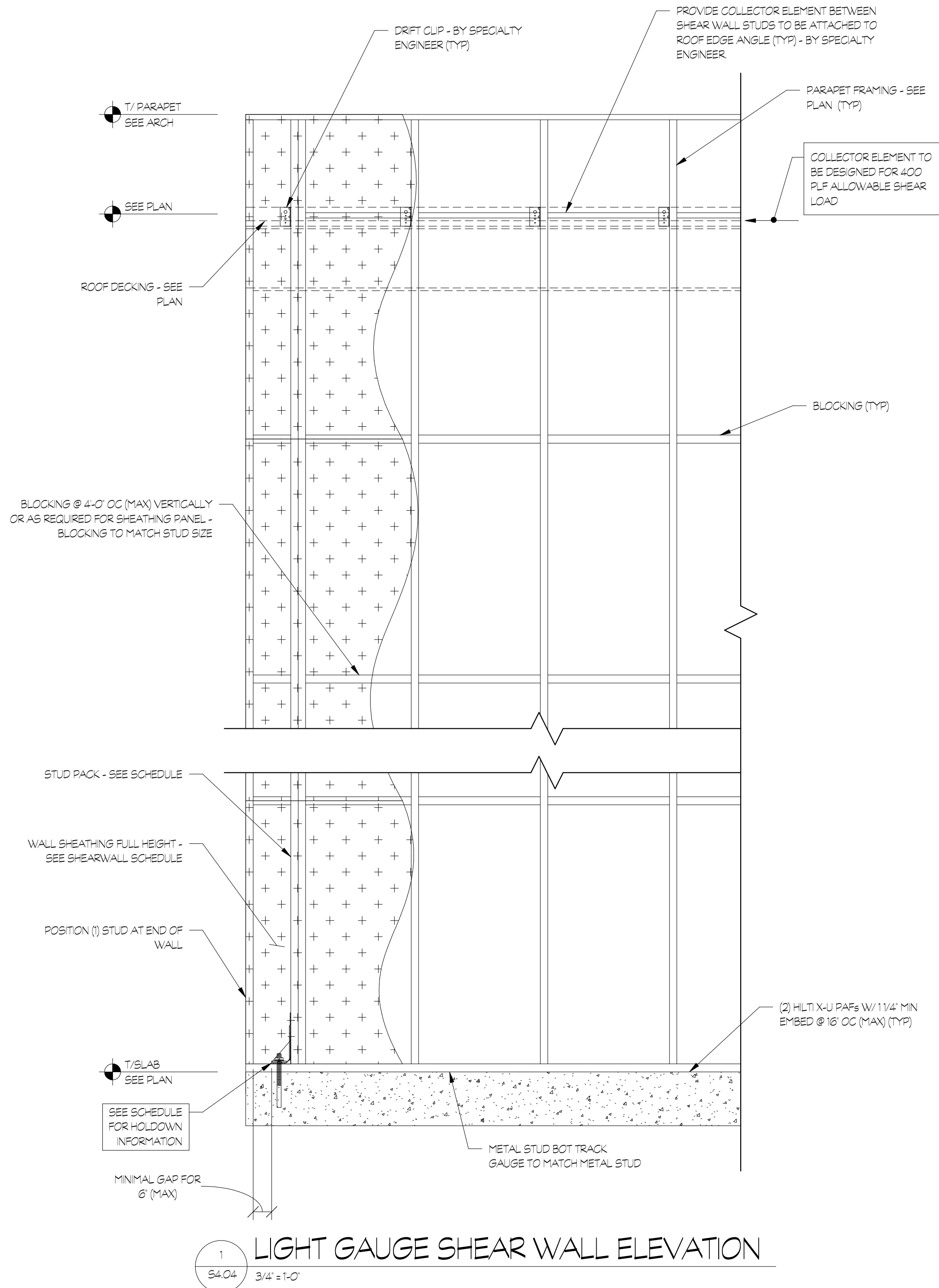
CD PROGRESS

SHEET TITLE
**TYPICAL
SECTIONS &
DETAILS**

PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **ARY** SCALE
CHECKED BY **WJP** **3/4" = 1'-0"**
SHEET NO.

S4.04

NOT FOR CONSTRUCTION



1
S4.04 3/4" = 1'-0"

LIGHT GAUGE SHEAR WALL ELEVATION

LIGHT GAUGE SHEAR WALL SCHEDULE						
DESCRIPTION	STUD SIZE & SPACING	SHEATHING	EDGE SHEATHING ATTACHMENTS	FIELD (INTERIOR) SHEATHING ATTACHMENTS	BLOCKING	FLOOR
SW1	600S200-43 (MIN) @ 24" OC (MAX)	7/8" OSB FRT SHEATHING (ONE SIDE)	#8 SCREWS @ 4" OC	#8 SCREWS @ 12" OC	600S162-43 (MIN)	1ST FLOOR - ROOF
SW2	382S200-43 (MIN) @ 24" OC (MAX)	7/8" FRT SHEATHING (ONE SIDE)	#8 SCREWS @ 4" OC	#8 SCREWS @ 12" OC	382S162-43 (MIN)	1ST FLOOR - ROOF

2
S4.04 3/4" = 1'-0"

LIGHT GAUGE SHEAR WALL SCHEDULE

SHEARWALL HOLD-DOWN SCHEDULE					
FLOOR	HOLD-DOWN	ANCHOR ROD	JAMB POST/STUDS	STUD FASTENERS	ANCHOR ROD EMBEDMENT
FOUNDATION	SIMPSON S-HD105	7/8" DIA	(2) 382S200-43 (MIN) OR (2) 600S200-43 (MIN)	(22) #4 SCREWS	7/8" DIA ADHESIVE ANCHOR - USE HLT-HY 200 W/ 12" MIN EMBEDMENT

3
S4.04 3/4" = 1'-0"

HOLD-DOWN SCHEDULE

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

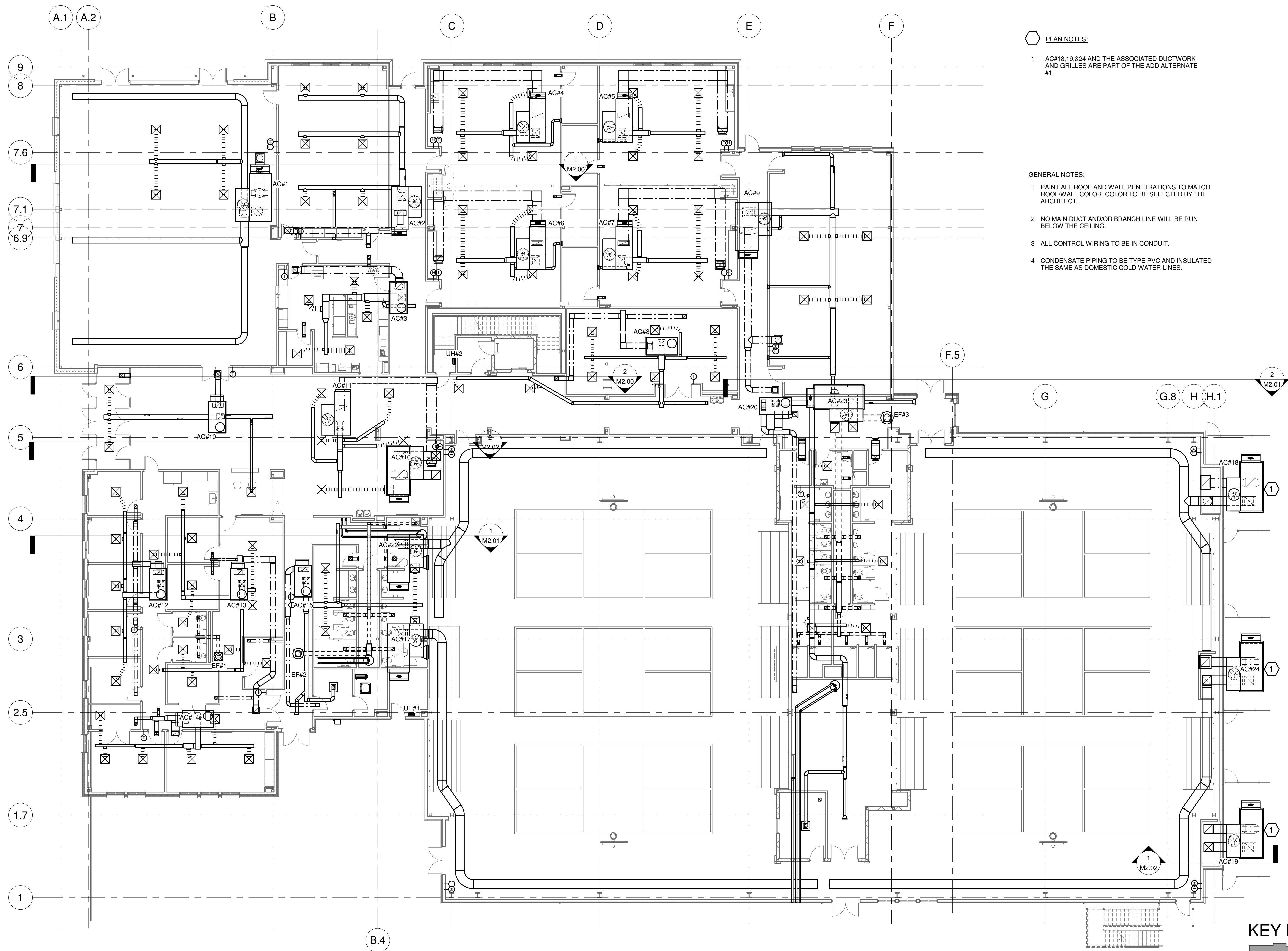
CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC OVERALL FIRST FLOOR PLAN

PROJECT NO.	DATE
22067	06/21/2024
DRAWN BY	SCALE
TMH	As indicated
CHECKED BY	
TMH	
SHEET NO.	

M0.00



PLAN NOTES:

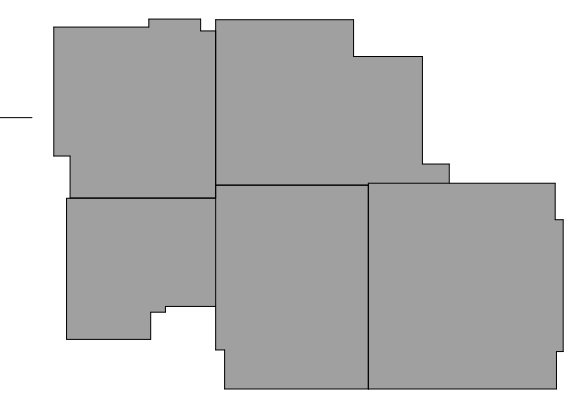
- 1 AC#18,19,&24 AND THE ASSOCIATED DUCTWORK AND GRILLES ARE PART OF THE ADD ALTERNATE #1.

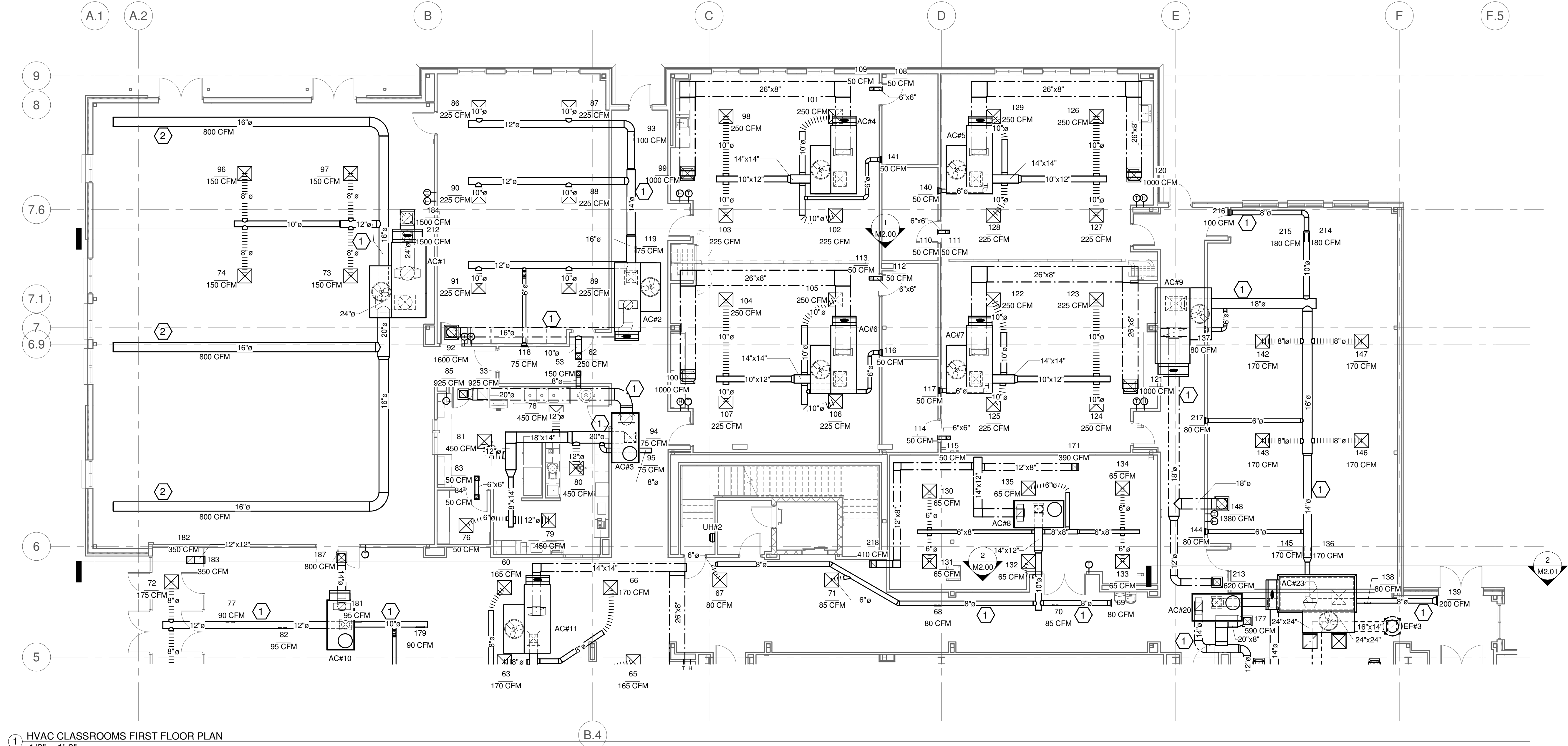
GENERAL NOTES:

- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
- 2 NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
- 3 ALL CONTROL WIRING TO BE IN CONDUIT.
- 4 CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.

1 HVAC OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"

KEY PLAN

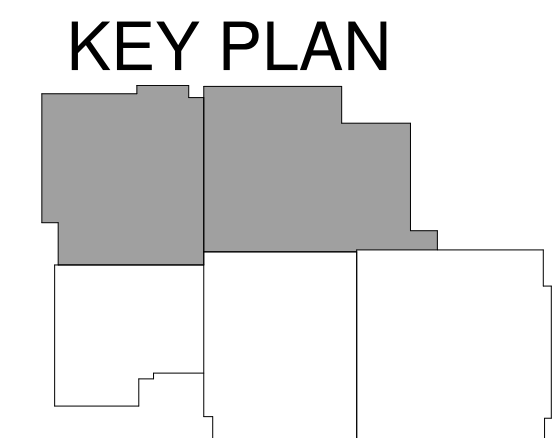




1 HVAC CLASSROOMS FIRST FLOOR PLAN
1/8" = 1'-0"

- PLAN NOTES:**
- 1 PROVIDE DOUBLE WALL INSULATED SPIRAL ROUND DUCTWORK.
 - 2 PROVIDE DUCTSOX, SEE DETAILS ON SHEET M4.00.

- GENERAL NOTES:**
- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 2 NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
 - 3 ALL CONTROL WIRING TO BE IN CONDUIT.
 - 4 CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.



SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

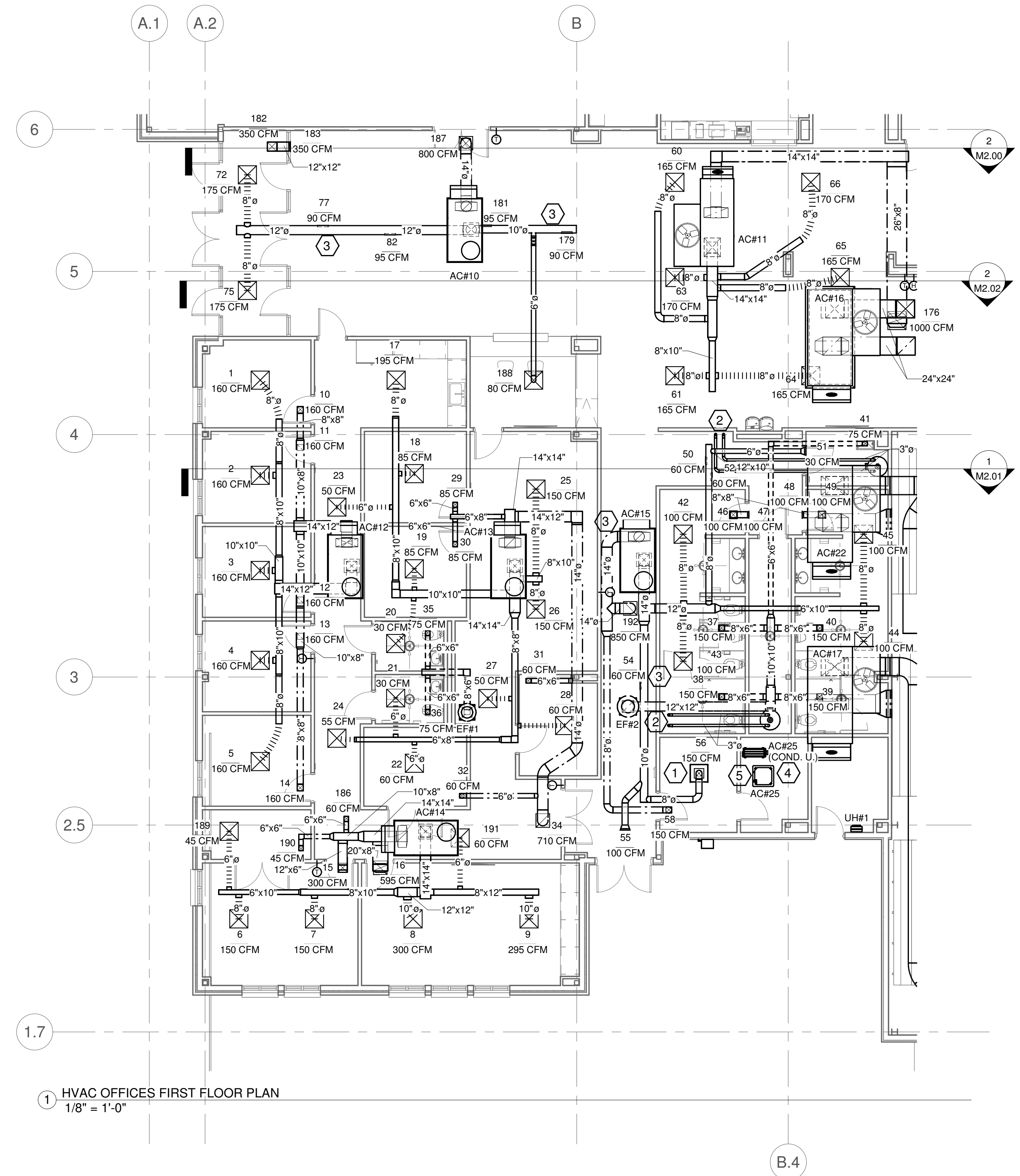
CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC CLASSROOMS FIRST FLOOR PLAN

PROJECT NO. 22067 DATE 06/21/2024
DRAWN BY TMH SCALE
CHECKED BY TMH As indicated
SHEET NO.

M0.01

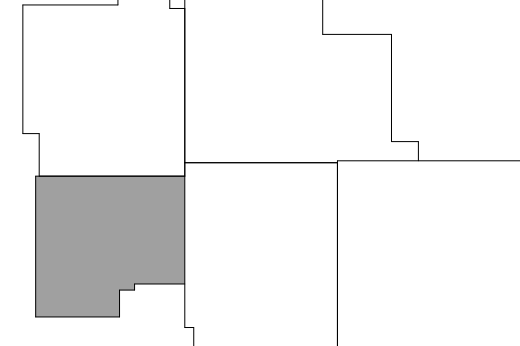


- PLAN NOTES:**
- 1 ACCUMTHERM THERMAFUSER TF-SERIES.
 - 2 GAS WATER HEATER FLUE VENT AND MAKE UP AIR INTAKE UP TO CONCENTRIC TERMINATION. (SEE DETAIL 3, SHEET M4.01)
 - 3 PROVIDE DOUBLE WALL INSULATED SPIRAL ROUND DUCTWORK.
 - 4 REFRIGERANT PIPING SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS. REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH 3/4" THICK ARMSTRONGS FR/ARMFLEX FLEXIBLE ELASTOMERIC CLOSED CELL INSULATION.
 - 5 ROUTE CONDENSATE DRAIN TO THE JANITORS SINK.

- GENERAL NOTES:**
- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 2 NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
 - 3 ALL CONTROL WIRING TO BE IN CONDUIT.
 - 4 CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.

1 HVAC OFFICES FIRST FLOOR PLAN
1/8" = 1'-0"

KEY PLAN



SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
HVAC OFFICES FIRST FLOOR PLAN

PROJECT NO. 22067 DATE 06/21/2024
DRAWN BY TMH SCALE
CHECKED BY TMH As indicated
SHEET NO.

M0.02

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

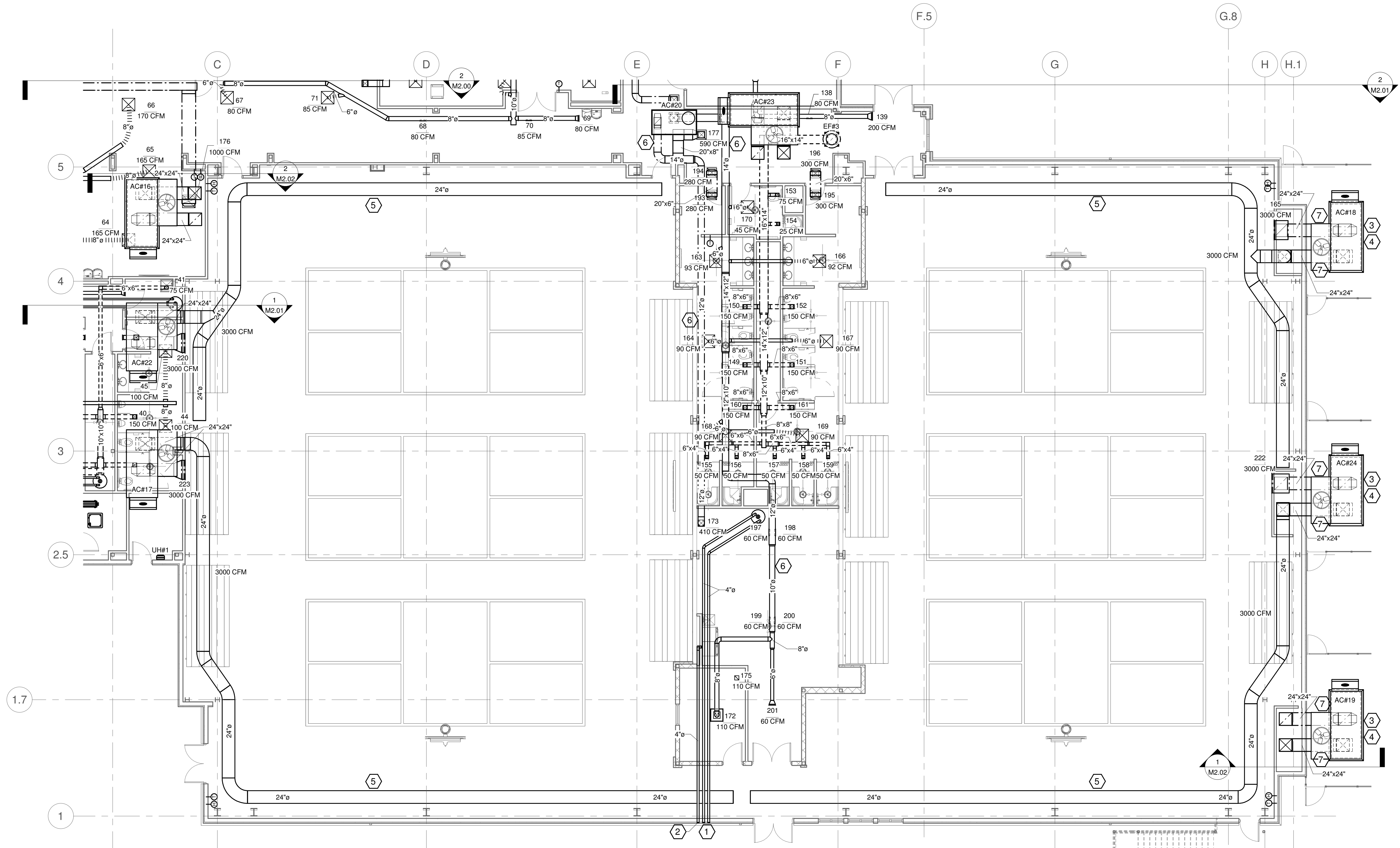
CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC GYM FIRST FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	

M0.03



1 HVAC GYM FIRST FLOOR PLAN
1/8" = 1'-0"

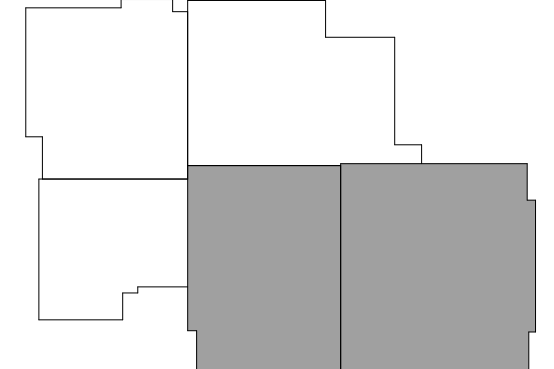
PLAN NOTES:

- GAS WATER HEATER FLUE VENT AND MAKE UP AIR INTAKE OUT TO CONCENTRIC TERMINATION. (SEE DETAIL 3, SHEET M4.01)
- DRYER VENT TO WALL CAP.
- AC#18,19,&24 AND THE ASSOCIATED DUCTWORK AND GRILLES ARE PART OF THE ADD ALTERNATE #1.
- PROVIDE A 4" CONCRETE PAD.
- PROVIDE DUCTSOX, SEE DETAILS ON SHEET M4.00.
- PROVIDE DOUBLE WALL INSULATED SPIRAL ROUND DUCTWORK.
- ALL DUCTWORK EXPOSED TO THE OUTSIDE SHALL BE SEALED WATERTIGHT. PROVIDE WEATHER PROOFING ON ALL DUCTWORK EXPOSED TO THE OUTSIDE.

GENERAL NOTES:

- PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
- NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
- ALL CONTROL WIRING TO BE IN CONDUIT.
- CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.

KEY PLAN



SUBMITTALS / REVISIONS	
NO	DESCRIPTION

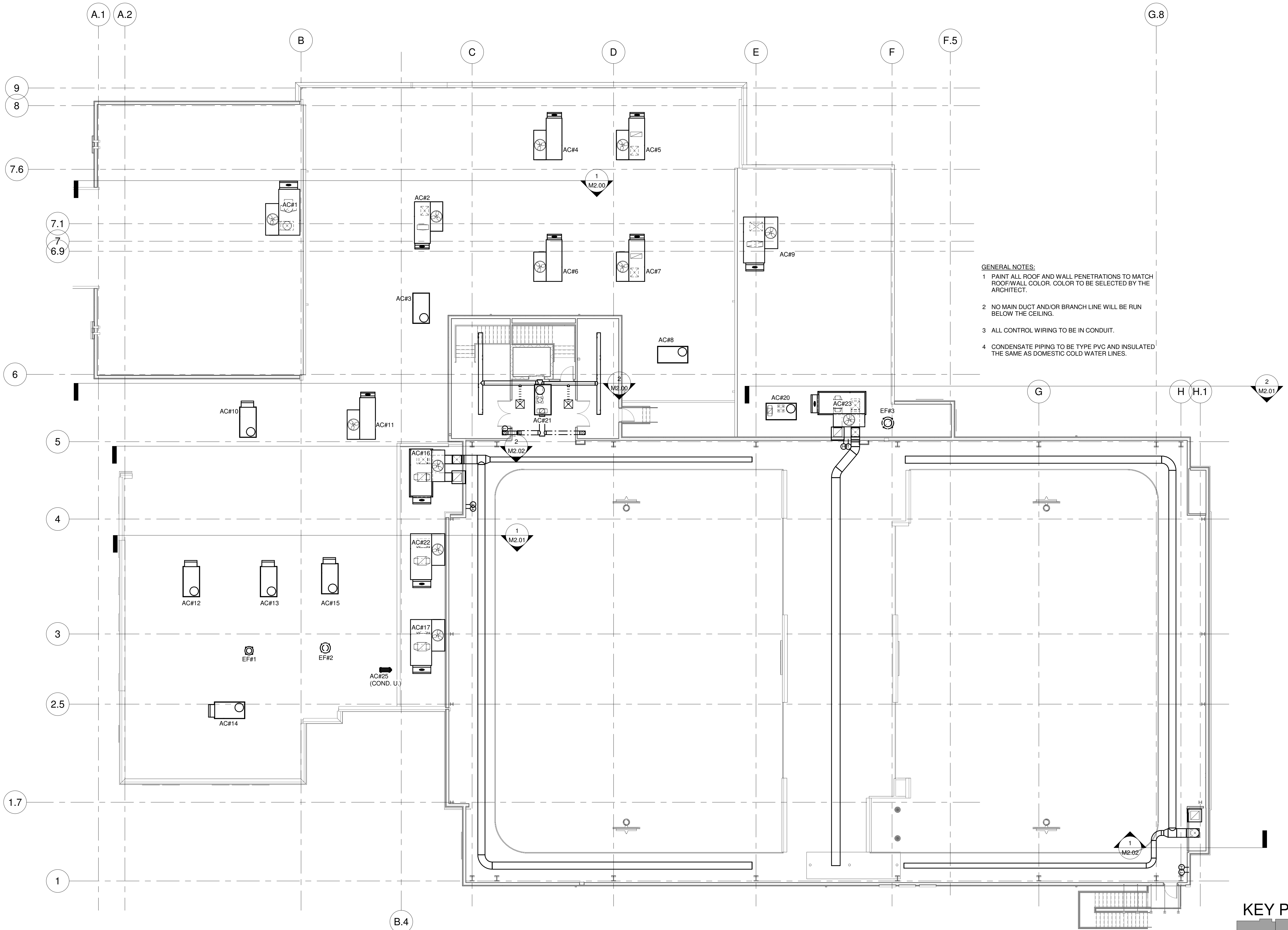
CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC OVERALL SECOND FLOOR PLAN

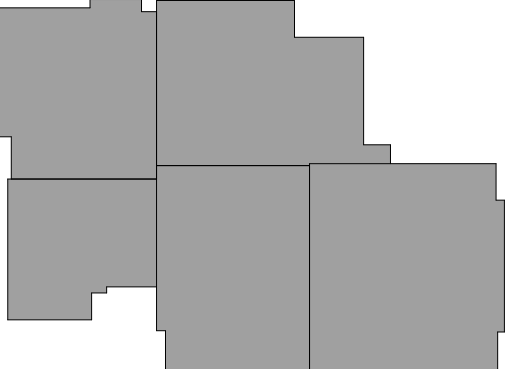
PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	

M1.00



- GENERAL NOTES:
- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 2 NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
 - 3 ALL CONTROL WIRING TO BE IN CONDUIT.
 - 4 CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.

KEY PLAN



1 HVAC OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"

SUBMITTALS / REVISIONS

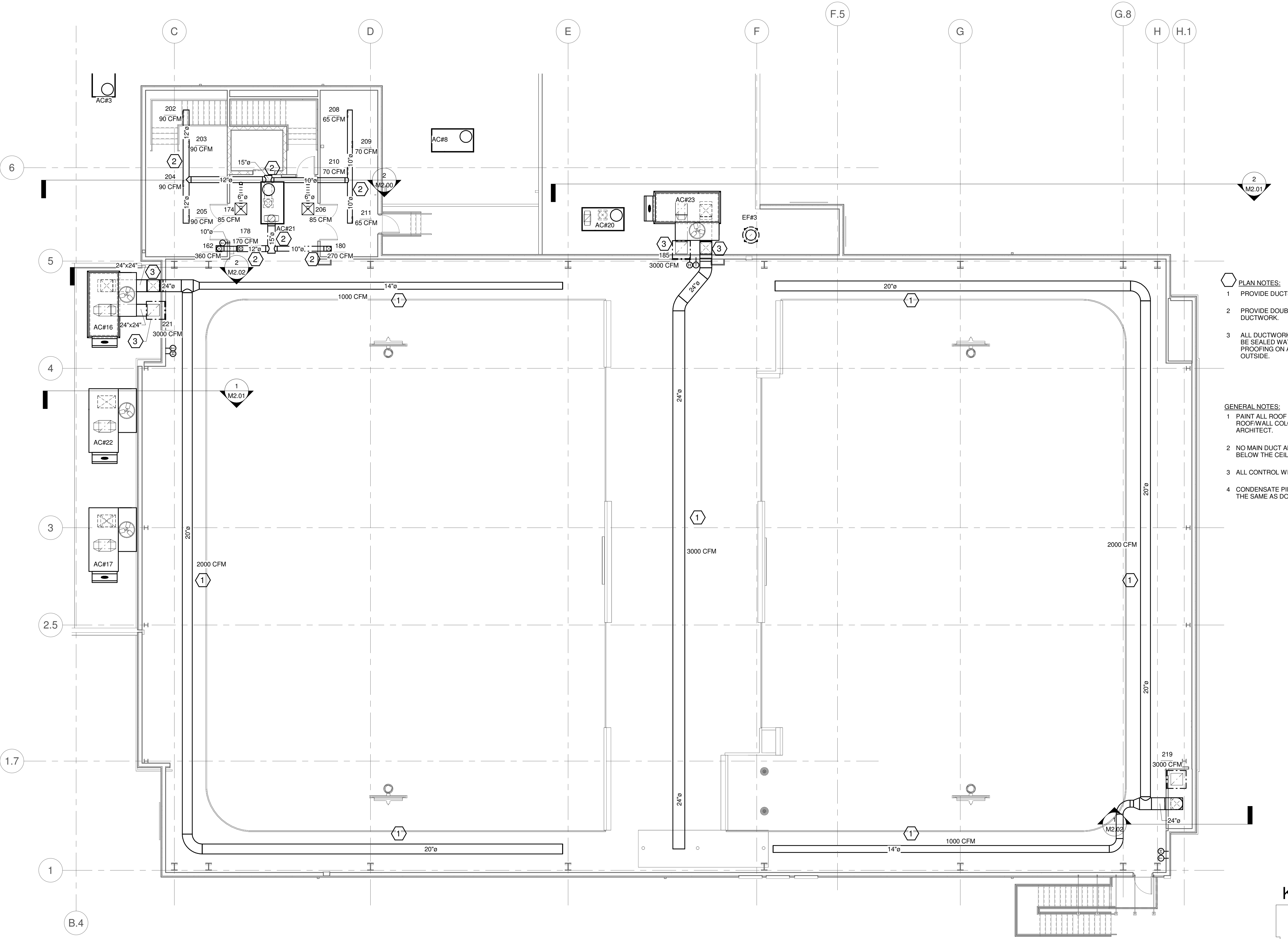
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CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC GYM SECOND FLOOR PLAN

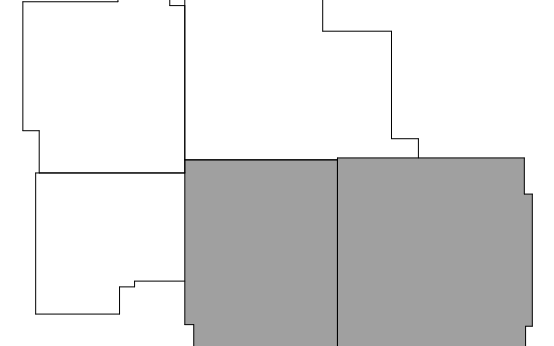
PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	



- PLAN NOTES:**
- 1 PROVIDE DUCTSOX, SEE DETAILS ON SHEET M4.00.
 - 2 PROVIDE DOUBLE WALL INSULATED SPIRAL ROUND DUCTWORK.
 - 3 ALL DUCTWORK EXPOSED TO THE OUTSIDE SHALL BE SEALED WATERTIGHT. PROVIDE WEATHER PROOFING ON ALL DUCTWORK EXPOSED TO THE OUTSIDE.

- GENERAL NOTES:**
- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 2 NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.
 - 3 ALL CONTROL WIRING TO BE IN CONDUIT.
 - 4 CONDENSATE PIPING TO BE TYPE PVC AND INSULATED THE SAME AS DOMESTIC COLD WATER LINES.

KEY PLAN



1 HVAC GYM SECOND FLOOR PLAN
1/8" = 1'-0"

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

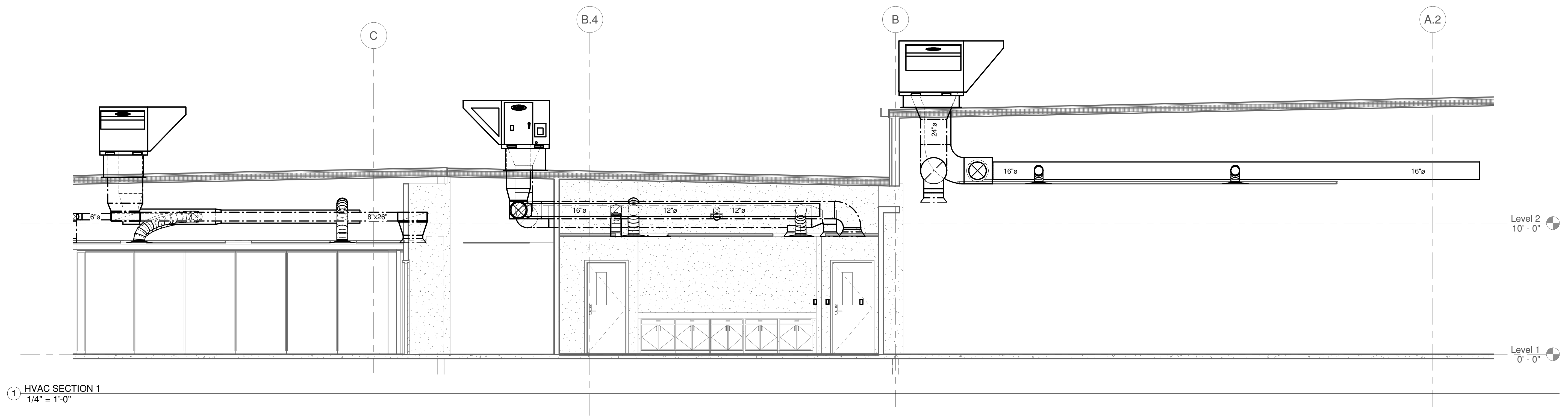
CONSTRUCTION DOCUMENTS

SHEET TITLE

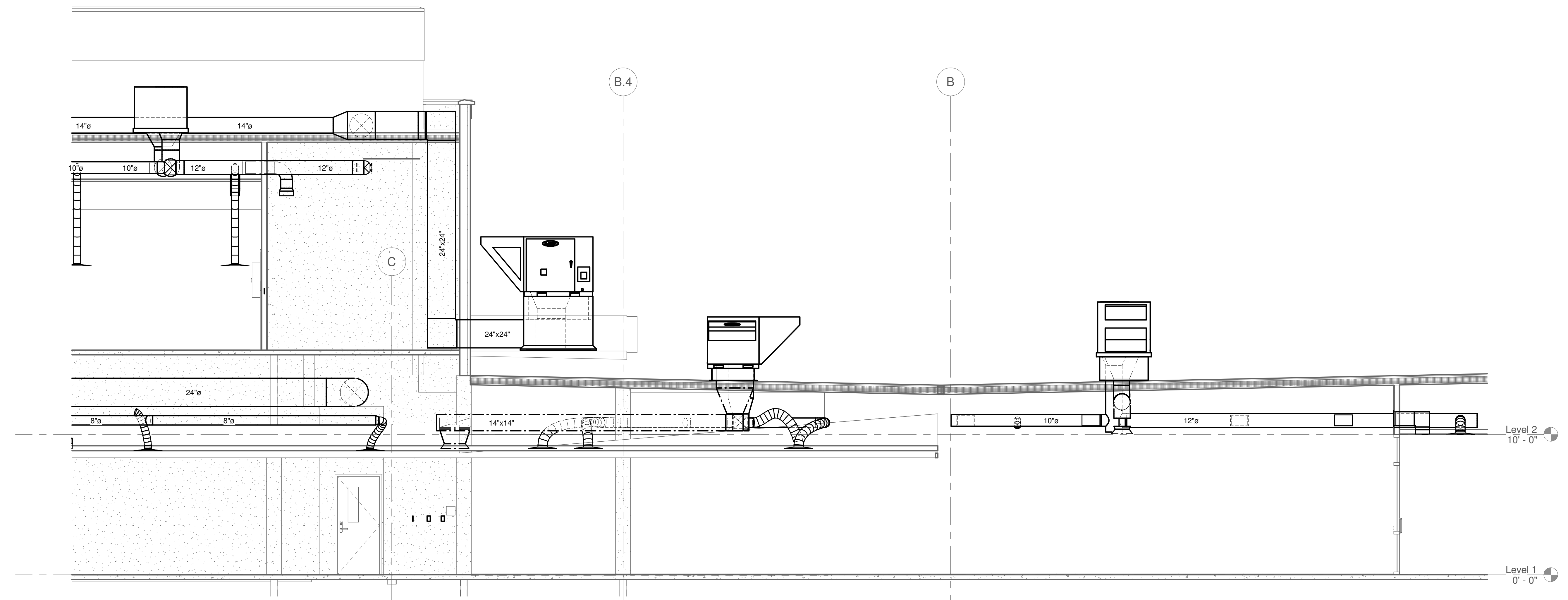
HVAC SECTIONS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	

M2.00



① HVAC SECTION 1
1/4" = 1'-0"



② HVAC SECTION 2
1/4" = 1'-0"

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

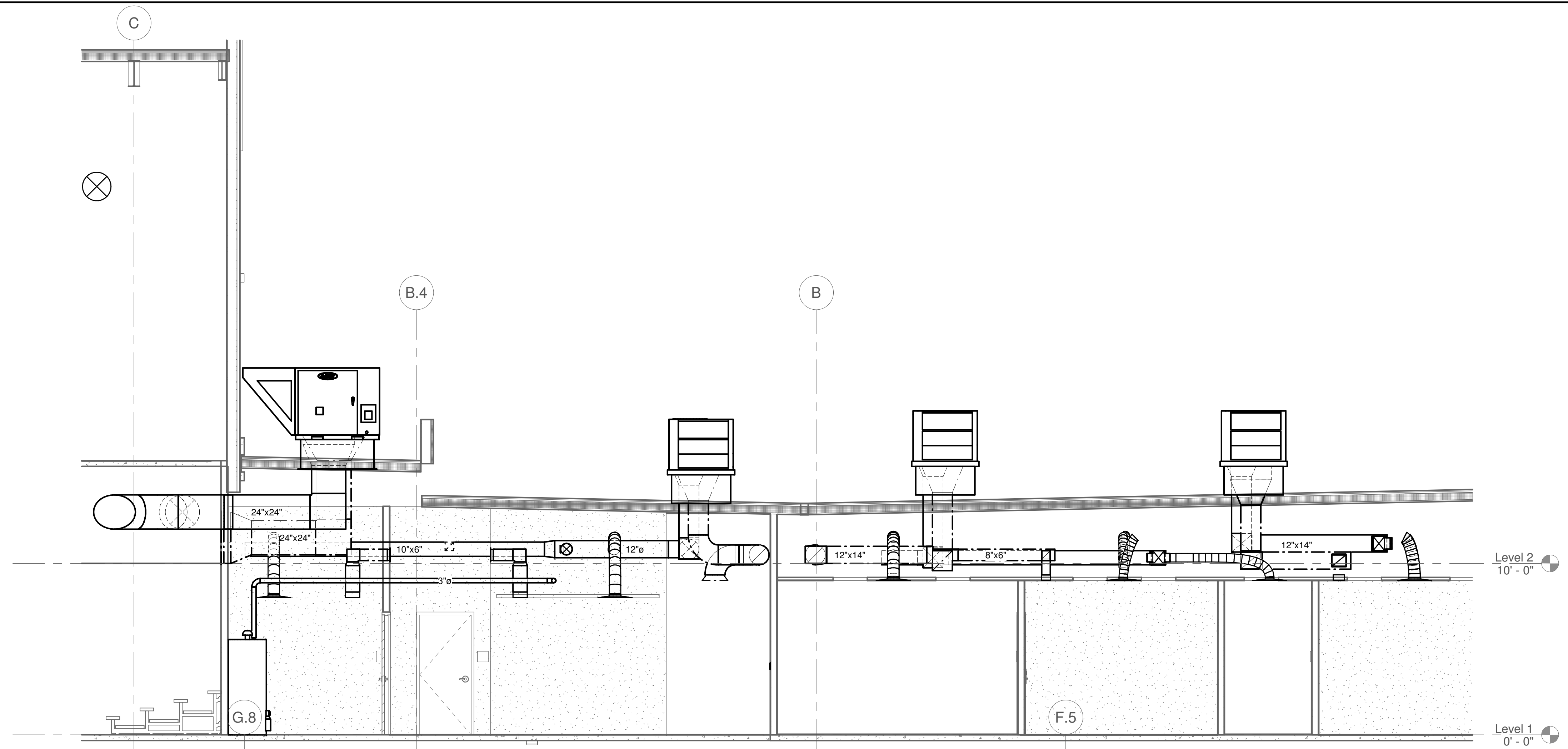
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SHEET TITLE

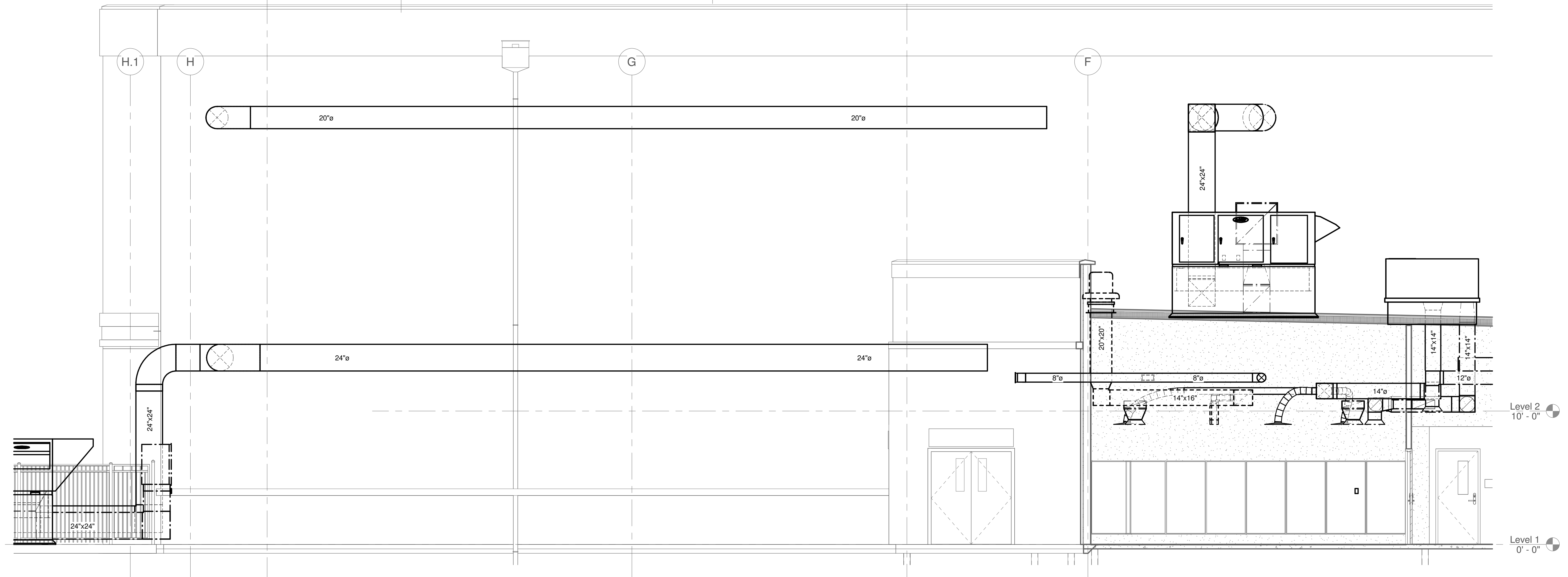
HVAC SECTIONS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	

M2.01



① HVAC SECTION 3
1/4" = 1'-0"



② HVAC SECTION 4
1/4" = 1'-0"

SUBMITTALS / REVISIONS

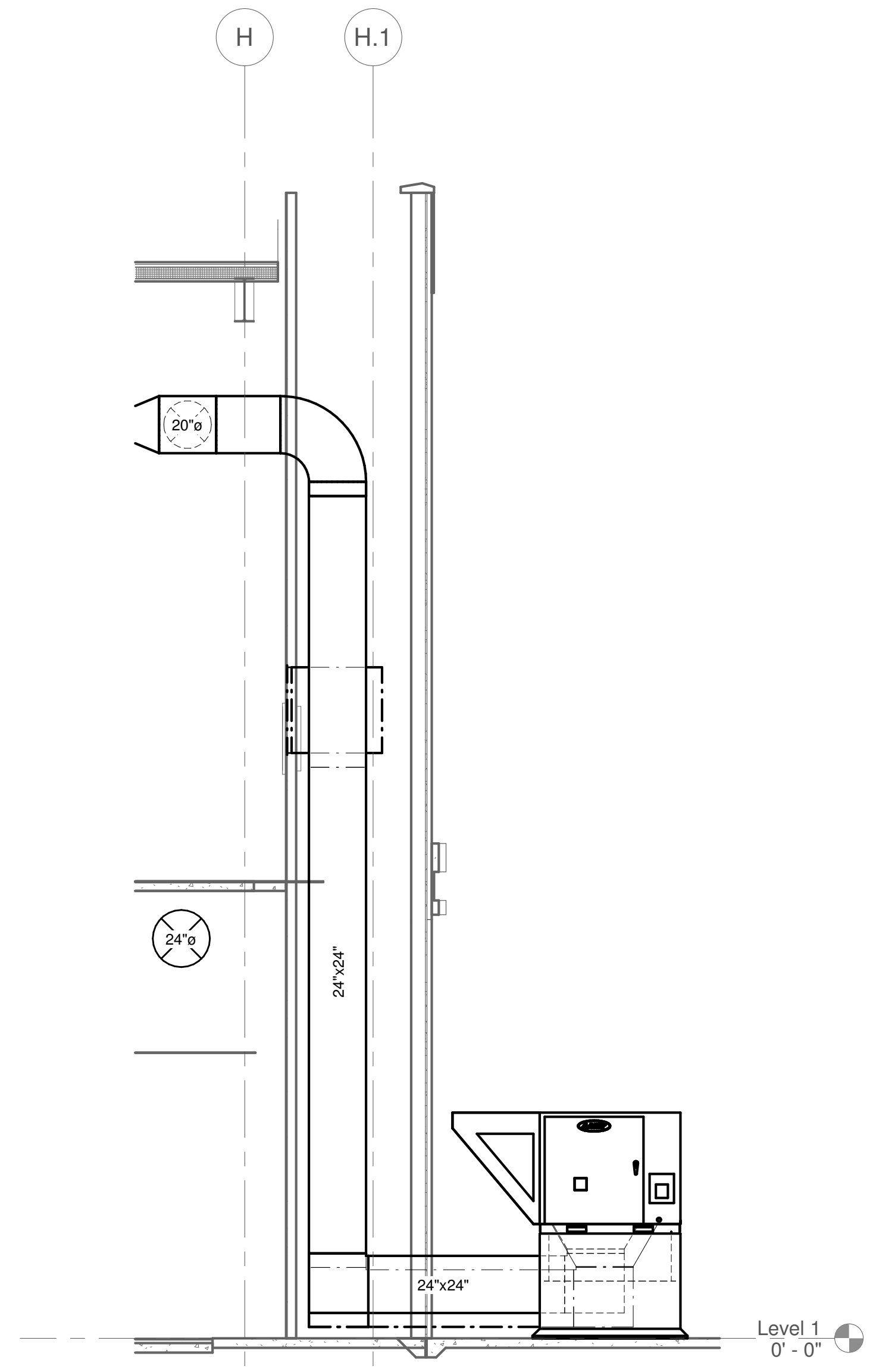
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CONSTRUCTION DOCUMENTS

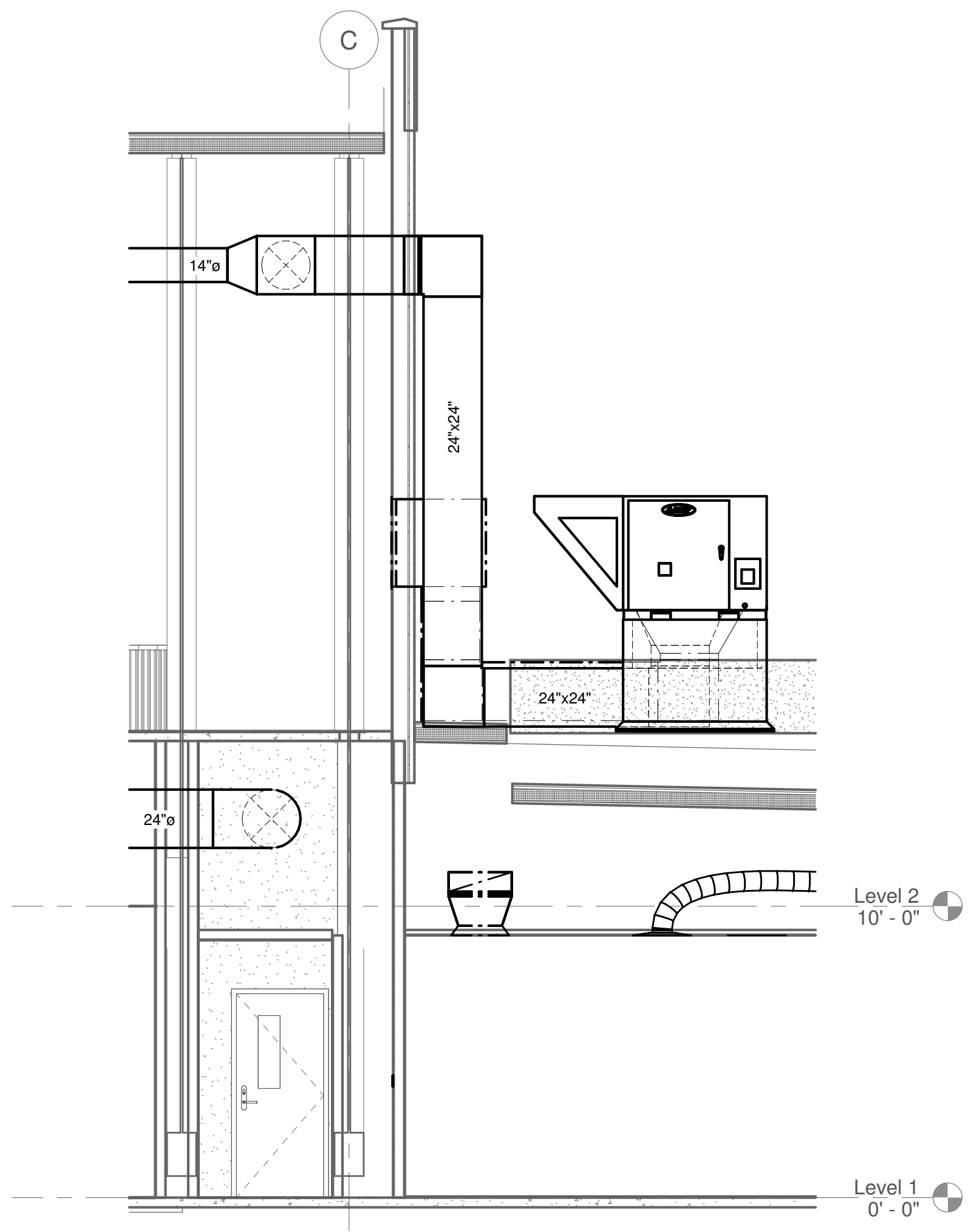
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HVAC SECTIONS

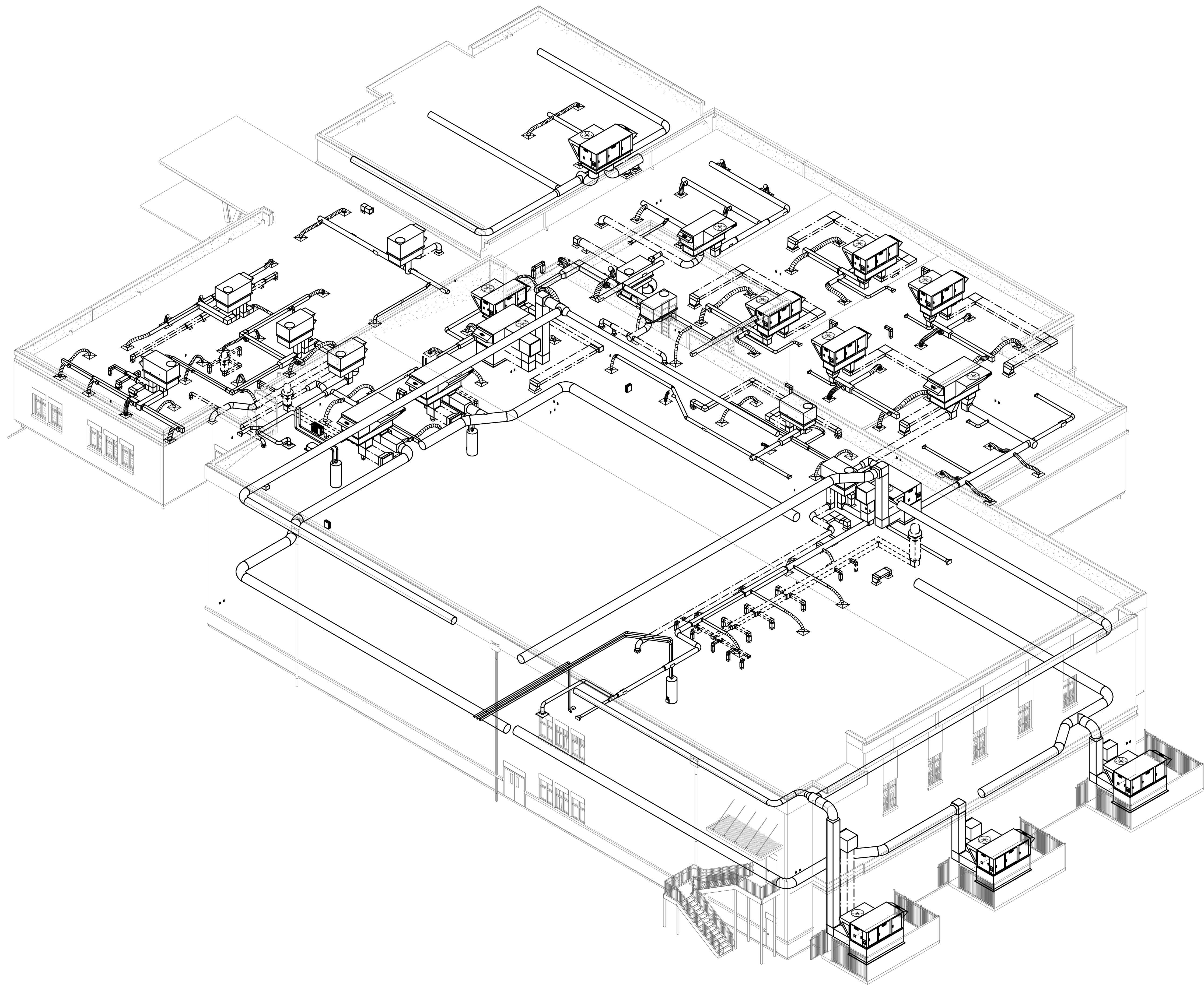
PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	



① HVAC SECTION 5
1/4" = 1'-0"



② HVAC SECTION 6
1/4" = 1'-0"



1 HVAC 3D FLOOR PLAN

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

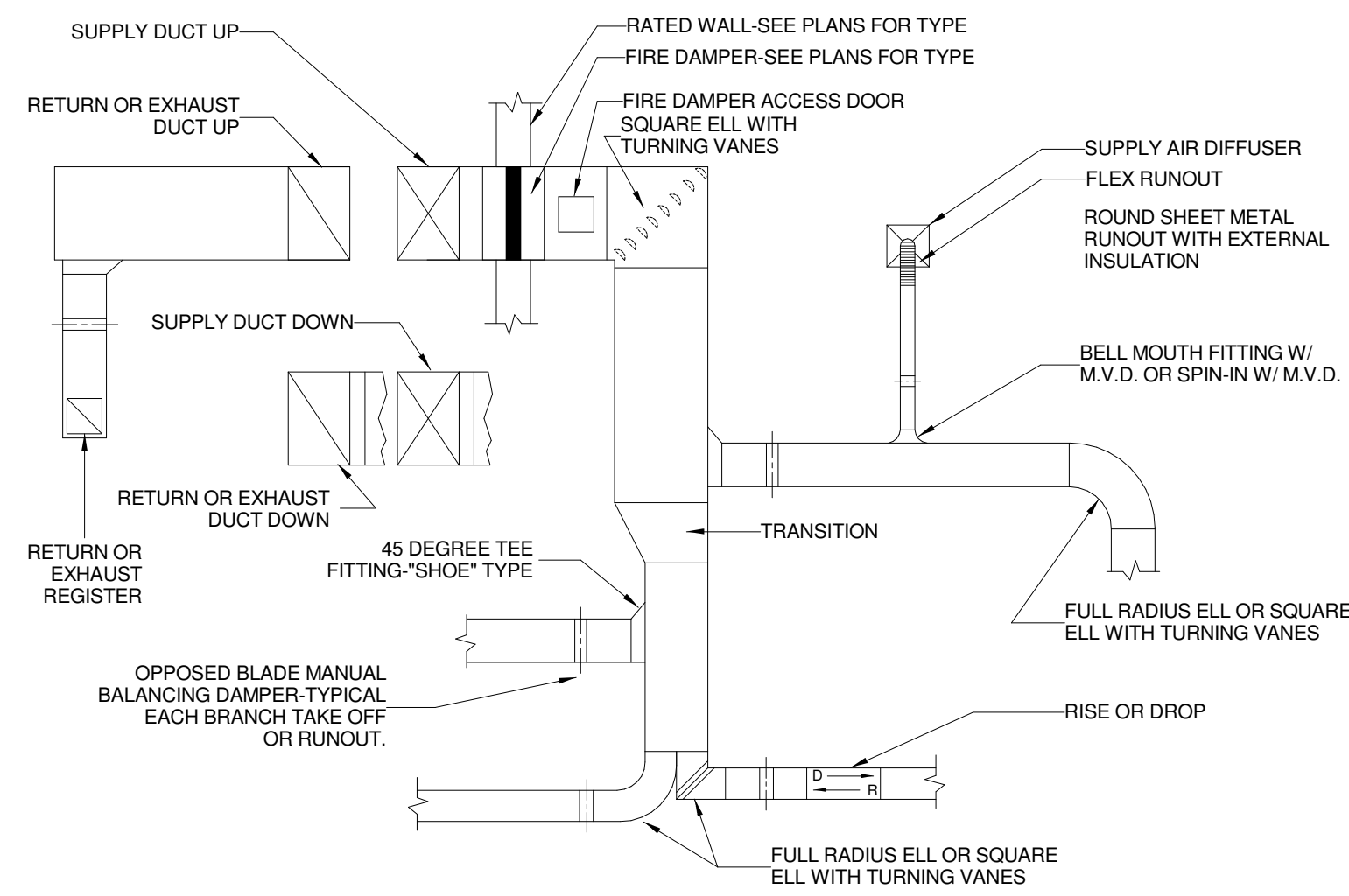
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SHEET TITLE

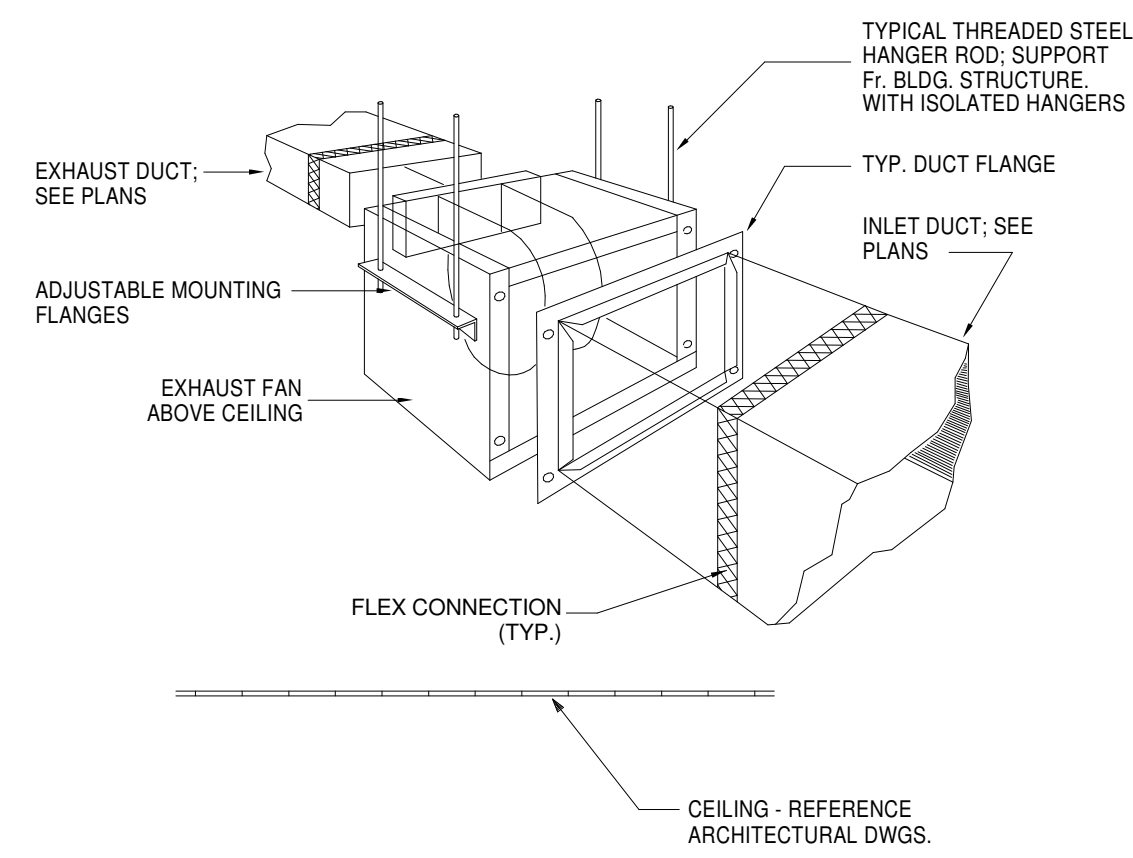
HVAC 3D FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

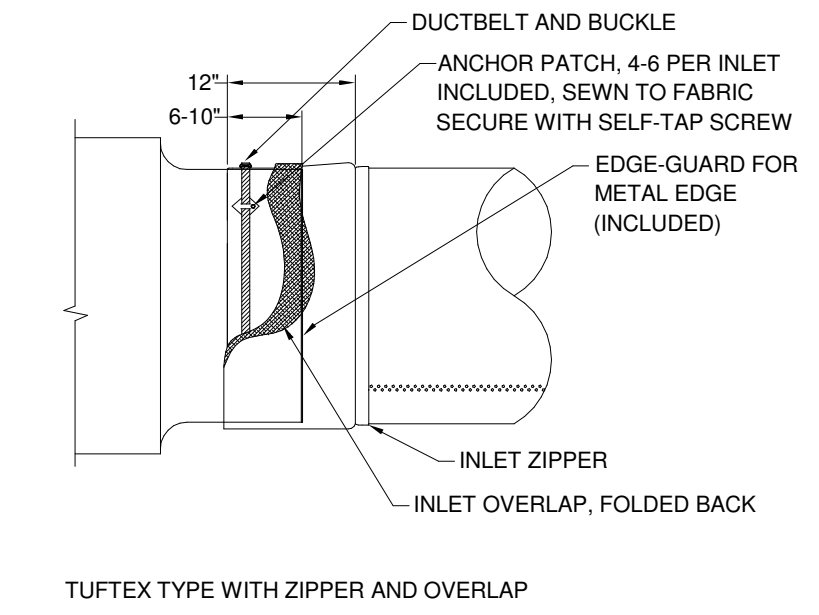
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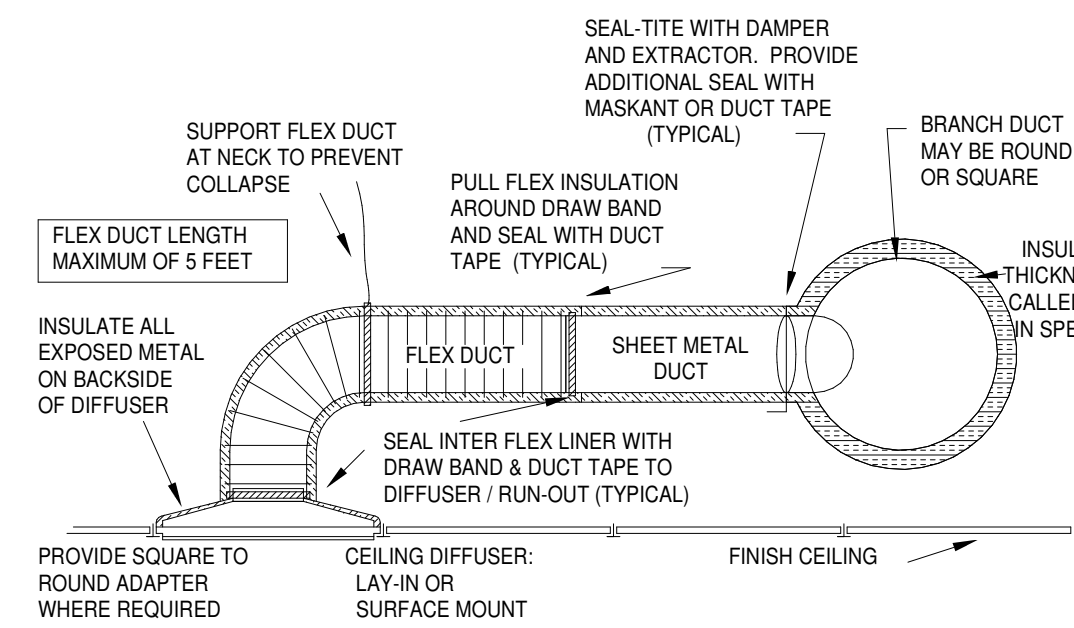
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TYPICAL SUPPLY, RETURN OR EXHAUST DUCT SYSTEM
M4.00 NOT TO SCALE



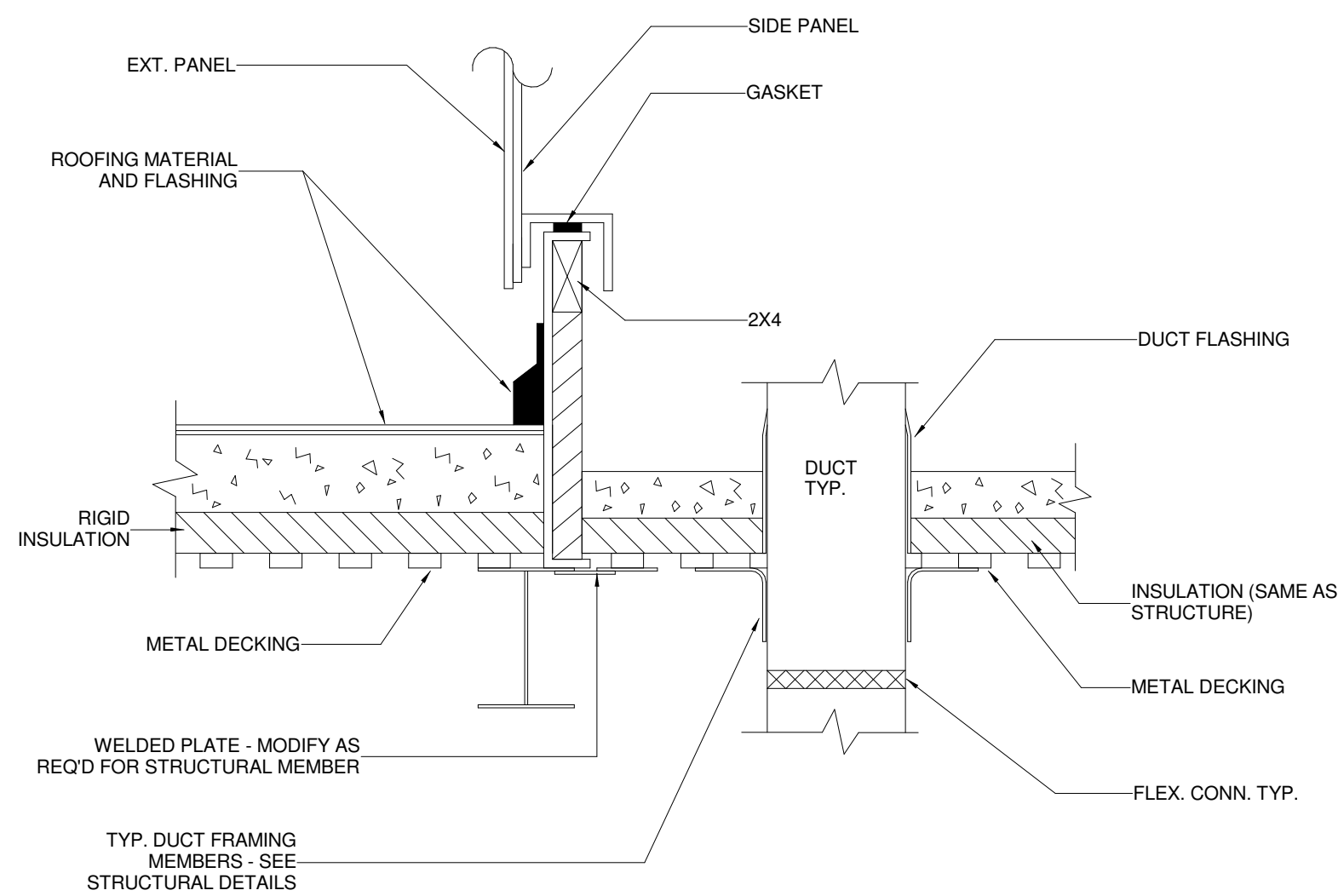
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IN-LINE EXHAUST FAN
M4.00 NOT TO SCALE



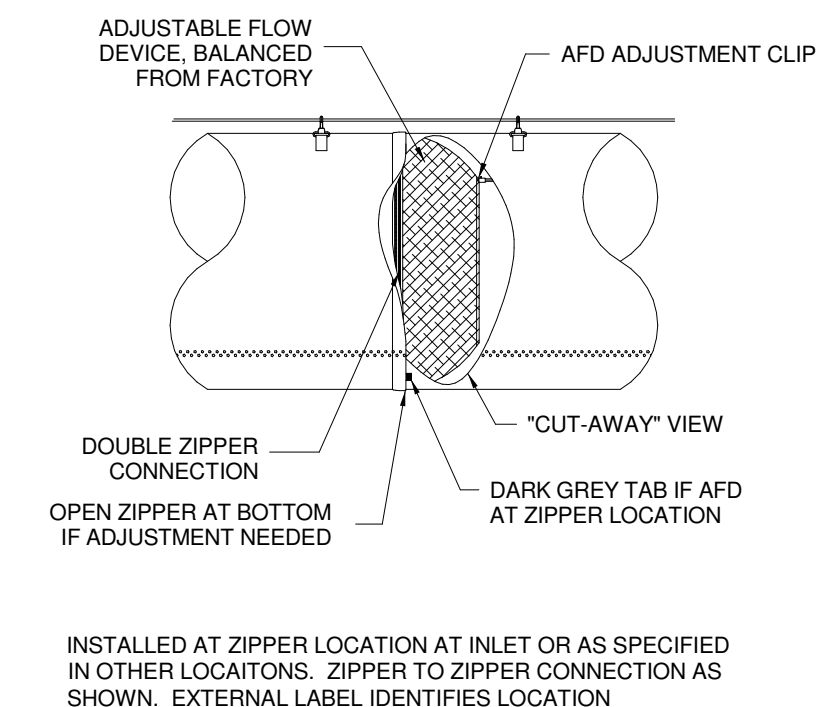
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DUCTSOX INLET ATTACHMENT DETAIL
M4.00 NOT TO SCALE



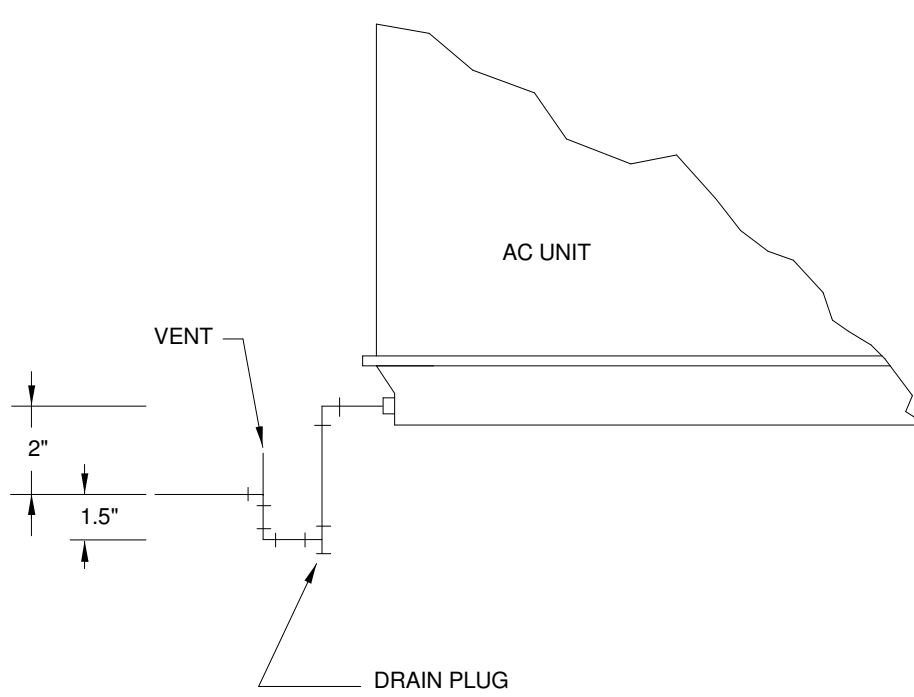
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DIFFUSER CONNECTION DETAIL
M4.00 NOT TO SCALE



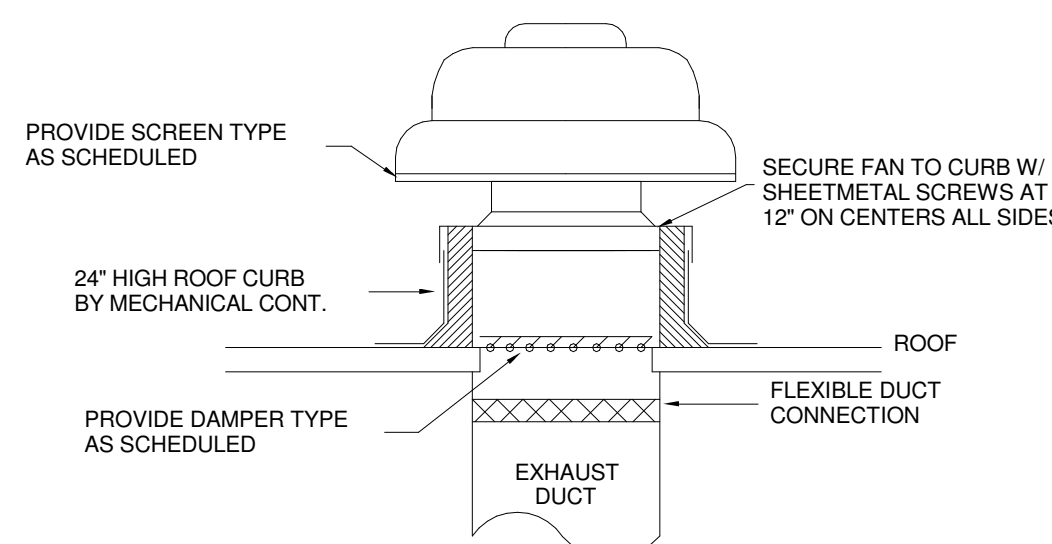
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ROOFTOP A.C. UNIT CURB
M4.00 NOT TO SCALE



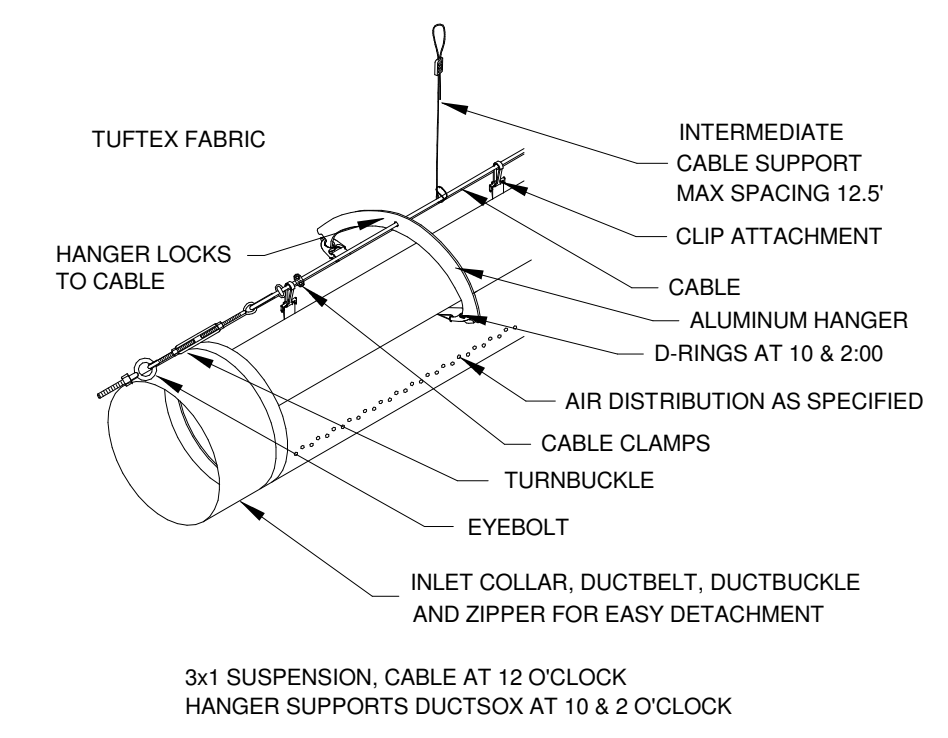
8
DUCTSOX ADJUSTABLE FLOW DEVICE (AFD)
M4.00 NOT TO SCALE



3
CONDENSATE PIPING DETAIL FOR AC UNITS
M4.00 NOT TO SCALE



6
EXHAUST FAN DETAIL
M4.00 NOT TO SCALE



9
DUCTSOX SUSPENSION DETAIL
M4.00 NOT TO SCALE

SUBMITTALS / REVISIONS

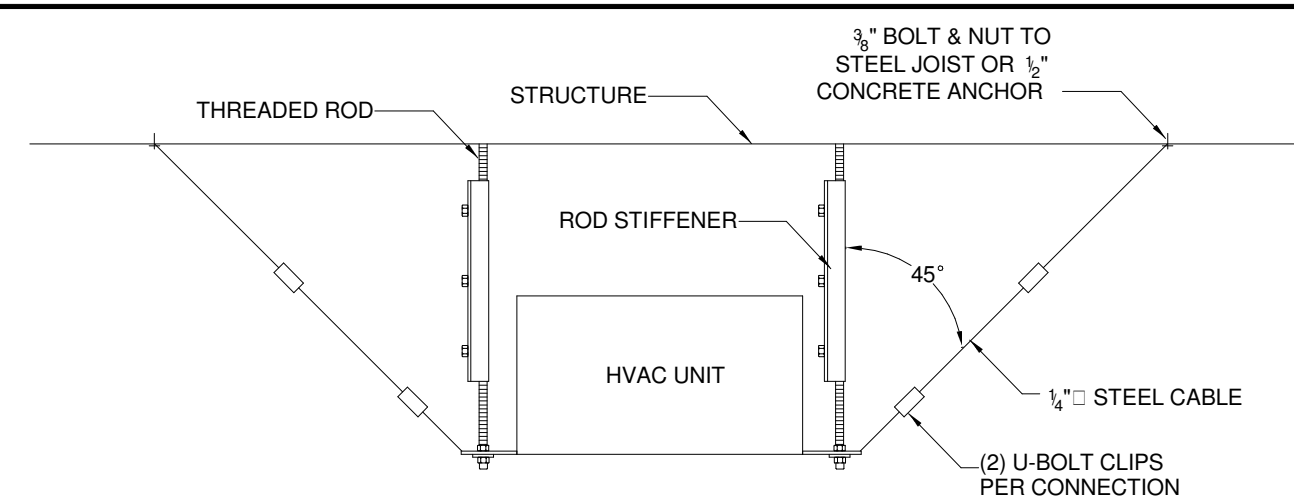
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CONSTRUCTION DOCUMENTS

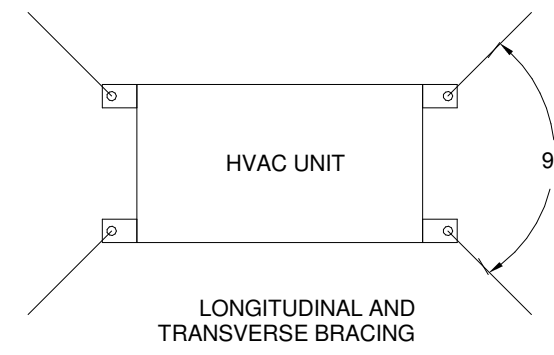
SHEET TITLE

HVAC DETAILS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

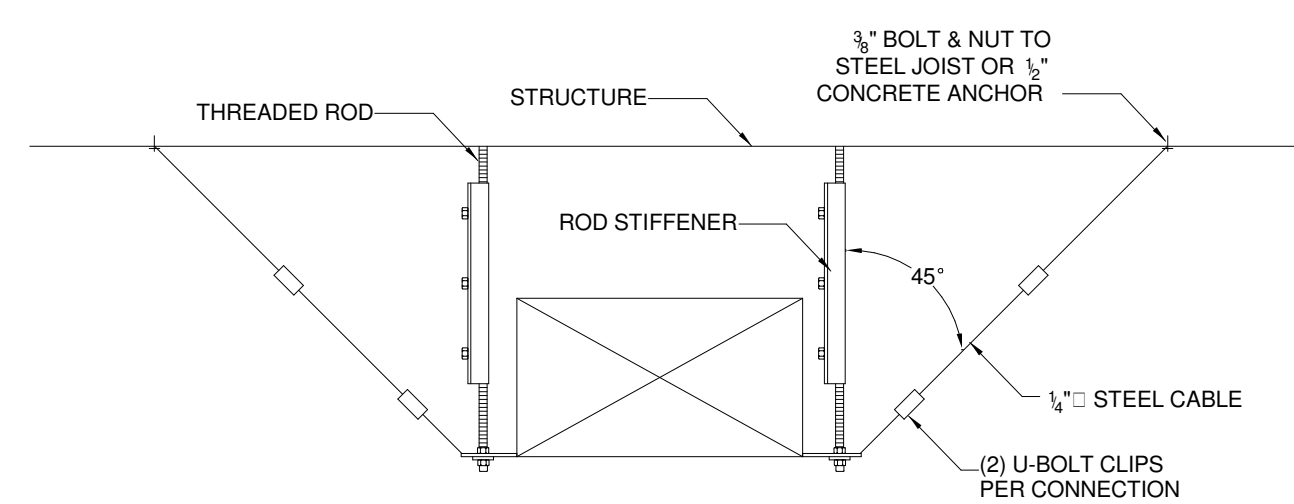


SECTION VIEW

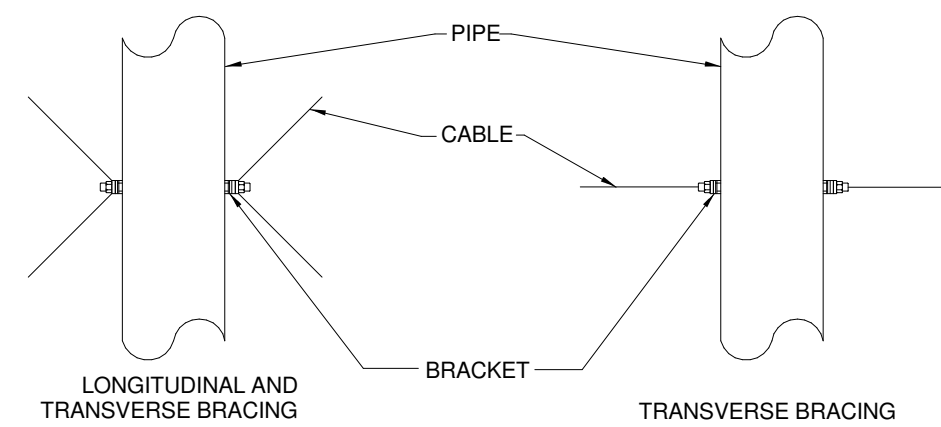


PLAN VIEW

SEISMIC HVAC EQUIPMENT RESTRAINTS DETAIL

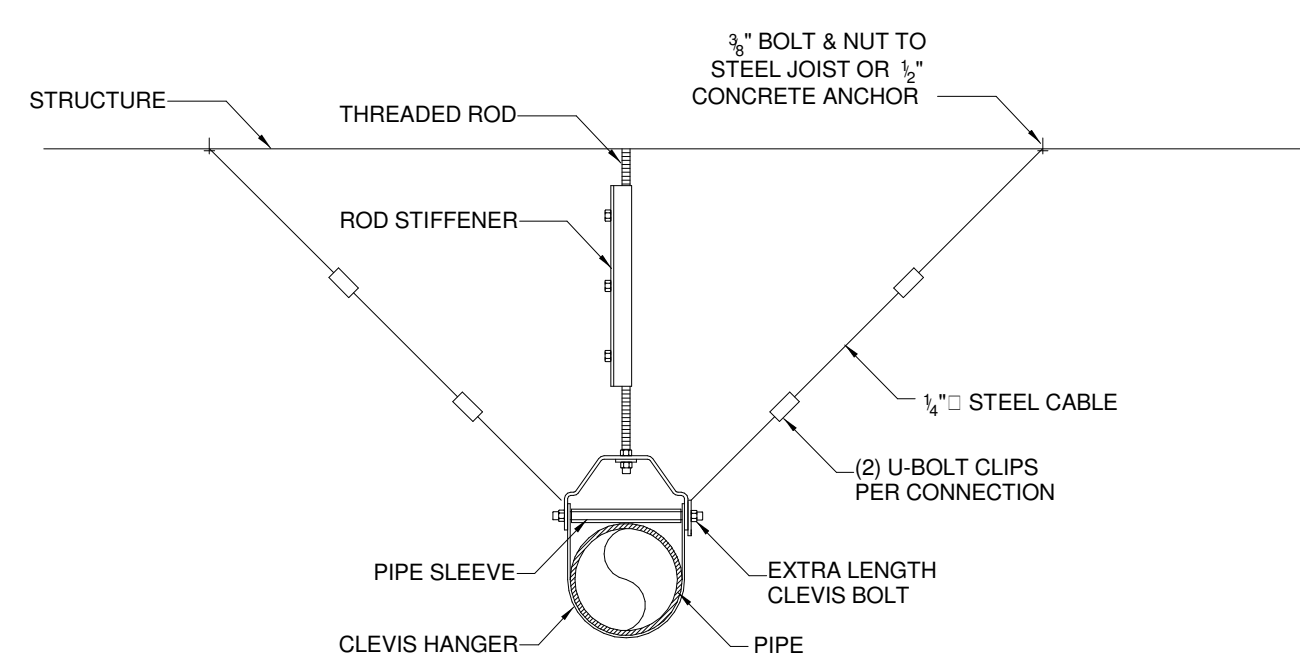


SECTION VIEW

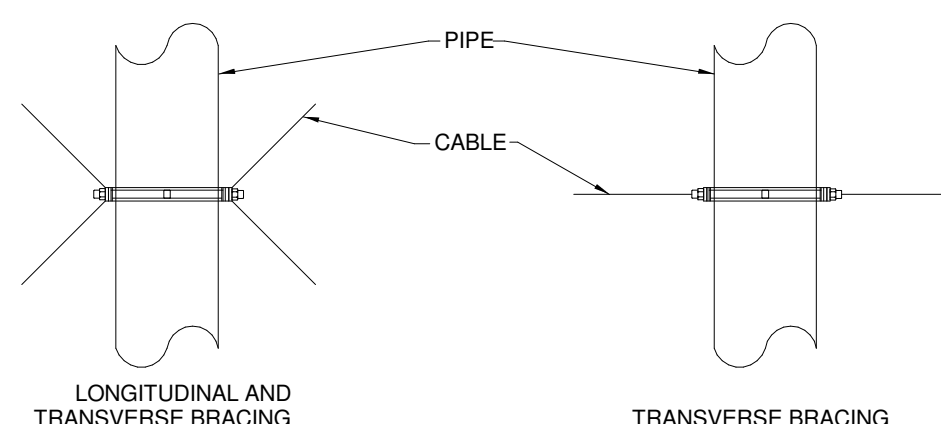


PLAN VIEW

SEISMIC DUCT RESTRAINTS DETAIL



SECTION VIEW



PLAN VIEW

SEISMIC PIPE RESTRAINTS DETAIL

1
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NOT TO SCALE

SEISMIC RESTRAINTS FOR EQUIPMENT, DUCTS, AND PIPES

- A. GENERAL**
- DUCTS, PIPES, AND CONDUITS SHALL BE BRACED IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA SEISMIC RESTRAINT MANUAL AND IBC.
 - ALTERNATIVE DETAILS DIFFERING FROM THE LATEST SMACNA MANUAL MAY BE USED WHERE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS.
 - IN-LINE EQUIPMENT SHALL BE BRACED INDEPENDENTLY OF THE DUCTS OR PIPES AND IN CONFORMANCE WITH APPLICABLE BUILDING CODES. REFER TO THE MP DRAWINGS FOR ANCHORAGE AND BRACING DETAILS.
 - COLD-FORMED ANGLES SHALL CONFORM TO AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" WITH A MINIMUM FY = 33 KSI. MINIMUM THICKNESS FOR SHEET METAL BRACING SHALL BE AS FOLLOWS:
 16 GA. = 0.0598"
 14 GA. = 0.0747"
 12 GA. = 0.1046"
 - HOT-ROLLED SHAPES AND PLATES SHALL CONFORM TO ASTM A36. PIPES USED AS BRACES SHALL BE STANDARD STEEL PIPES PER ASTM A500-A OR A53.
 - BRACE CONDUIT USING THE SAME CRITERIA AS FOR PIPES (SEE NOTE 2 UNDER "REQUIREMENTS FOR BRACING OF PIPES"). WHEN CONDUIT IS REQUIRED TO BE BRACED, IT MAY BE BRACED THE SAME AS THE EQUIVALENT WEIGHT PIPE.
 - PIPE, DUCT, AND CONDUIT HANGERS SHALL BE POSITIVELY ATTACHED TO THE SUPPORTING STRUCTURE ABOVE. THE USE OF C-CLAMPS OR OTHER FRICTION-TYPE ANCHORS TO HANG PIPE, DUCT, AND CONDUIT IS PROHIBITED IN SEISMIC REGIONS.
 - APPROPRIATE EXPANSION/CONTRACTION CAPABILITY SHALL BE PROVIDED IN DUCTS, CONDUITS, PIPES, ETC., WHICH CROSS BUILDING EXPANSION (SEISMIC) JOINTS. THE TOTAL RELATIVE MOVEMENT IN ANY HORIZONTAL DIRECTION ON EACH SIDE OF THE JOINT CENTERLINE SHALL BE, AS A MINIMUM, EQUAL TO THE SIZE OF THE BUILDING EXPANSION JOINT. FOR EXAMPLE, AT A 3-INCH BUILDING EXPANSION JOINT, A PIPE, DUCT, OR CONDUIT SHALL BE PERMITTED TO MOVE A MINIMUM OF THREE INCHES (1-59/64 INCHES IN EACH OF TWO OPPOSITE HORIZONTAL DIRECTIONS) ON EACH SIDE OF THE JOINT CENTERLINE.

- B. REQUIREMENTS FOR BRACING OF DUCTS**
- BRACE RECTANGULAR DUCTS WITH CROSS-SECTIONAL AREAS OF 6 SQUARE FEET AND LARGER. BRACE FLAT OVAL DUCTS IN THE SAME MANNER AS RECTANGULAR DUCTS. BRACE ROUND DUCTS WITH DIAMETERS OF 28 INCHES AND LARGER. BRACE FLAT OVAL DUCTS THE SAME AS RECTANGULAR DUCTS OF THE SAME NOMINAL SIZE.
 EXCEPTION: NO BRACING IS REQUIRED IF THE DUCT IS SUSPENDED BY HANGERS 12 INCHES OR LESS IN LENGTH, AS MEASURED FROM THE TOP OF THE DUCT TO THE BOTTOM OF THE SUPPORT WHERE THE HANGER IS ATTACHED. HANGERS SHALL BE POSITIVELY ATTACHED TO THE SUPPORTING STRUCTURE ABOVE AND MUST BE POSITIVELY ATTACHED TO THE DUCT WITHIN 2 INCHES OF THE TOP OF THE DUCT WITH A MINIMUM OF TWO #10 SHEET METAL SCREWS.
 - TRANSVERSE BRACING SHALL OCCUR AT THE INTERVAL SPECIFIED IN THE TABLES IN CHAPTERS 5, 6, AND 7 OF THE SMACNA SEISMIC RESTRAINT MANUAL, OR AT BOTH ENDS IF THE DUCT RUN IS LESS THAN THE SPECIFIED INTERVAL. TRANSVERSE BRACING SHALL BE INSTALLED AT EACH DUCT TURN AND AT EACH END OF A DUCT RUN, WITH A MINIMUM OF ONE BRACE AT EACH END.
 - LONGITUDINAL BRACING SHALL OCCUR AT THE INTERVAL SPECIFIED IN THE TABLES IN CHAPTERS 5, 6, AND 7 OF THE SMACNA SEISMIC RESTRAINT MANUAL, WITH AT LEAST ONE BRACE PER DUCT RUN. TRANSVERSE BRACING FOR ONE DUCT SECTION MAY ALSO ACT AS LONGITUDINAL BRACING FOR A DUCT SECTION CONNECTED PERPENDICULAR TO IT IF THE BRACING IS INSTALLED WITHIN 4 FEET OF THE INTERSECTION OF THE DUCTS AND IF THE BRACING IS SIZED FOR THE LARGER DUCT (SEE CHAPTER 4 IN THE SMACNA SEISMIC RESTRAINT MANUAL FOR TYPICAL LOCATIONS OF BRACING). DUCT JOINTS SHALL CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS.
 - A GROUP OF DUCTS MAY BE COMBINED IN A LARGER FRAME SO THE COMBINED WEIGHTS AND DIMENSIONS OF THE DUCTS ARE LESS THAN OR EQUAL TO THE MAXIMUM WEIGHT AND DIMENSIONS OF THE DUCT FOR WHICH BRACING DETAILS ARE SELECTED. (EXAMPLE: TO BRACE A 30" X 30" DUCT BESIDE A 54" X 28" DUCT, SELECT BRACING FOR AN 84" X 42" DUCT. THE HORIZONTAL DIMENSION OF THE 84" X 42" DUCT IS EQUAL TO THE COMBINED DUCTS AND ITS WEIGHT IS GREATER THAN THEIR COMBINED WEIGHTS.)
 - WALLS, INCLUDING GYPSUM BOARD NONBEARING PARTITIONS, WHICH HAVE DUCTS RUNNING THROUGH THEM, MAY REPLACE A TYPICAL TRANSVERSE BRACE. PROVIDE SOLID BLOCKING AROUND DUCT PENETRATIONS AT STUD WALL CONSTRUCTION.
 - UNBRACED DUCTS SHALL BE INSTALLED WITH A 6-INCH MINIMUM CLEARANCE TO VERTICAL CEILING HANGER WIRES.

- C. REQUIREMENTS FOR BRACING OF PIPES**
- BRACING DETAILS, SCHEDULES, AND NOTES APPLY TO ALL TYPES OF PIPE, CONDUIT, AND JOINTS.
 - BRACE PIPING AS DESCRIBED IN a), b), AND c).
 a. BRACE FUEL-OIL PIPING, GAS PIPING (SUCH AS FUEL GAS), MEDICAL GAS PIPING, AND COMPRESSED AIR PIPING THAT IS 1 INCH NOMINAL DIAMETER OR LARGER.
 b. BRACE PIPING LOCATED IN BOILER ROOMS, MECHANICAL EQUIPMENT ROOMS, AND REFRIGERATION MECHANICAL ROOMS THAT IS 1-57/64 INCHES NOMINAL DIAMETER AND LARGER.
 c. BRACE PIPES 2-59/64 INCHES NOMINAL DIAMETER AND LARGER.

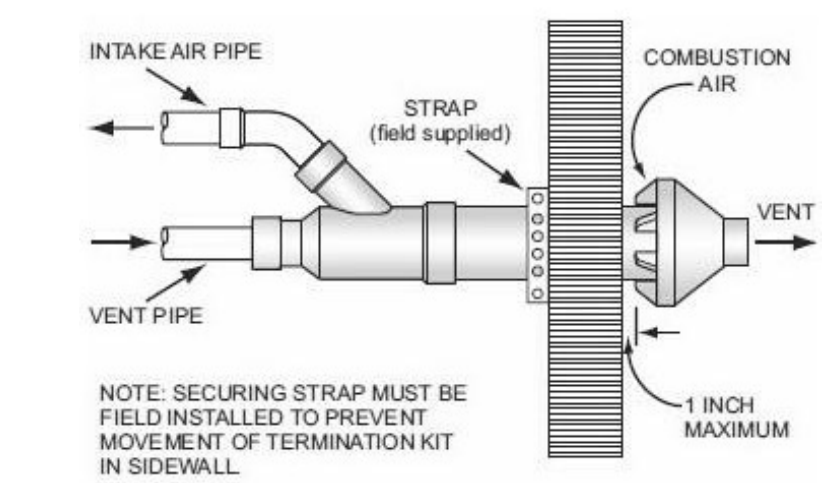
EXCEPTION: PIPING SUSPENDED BY INDIVIDUAL HANGERS 12 INCHES OR LESS IN LENGTH, AS MEASURED FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT WHERE THE HANGER IS ATTACHED, NEED NOT BE BRACED. HOWEVER, HANGERS FOR PIPING, REGARDLESS OF SIZE, SHALL BE POSITIVELY ATTACHED TO THE SUPPORTING STRUCTURE ABOVE. FRICTION-TYPE ANCHORS SUCH AS C-CLAMPS SHALL NOT BE PERMITTED TO HANG PIPE.

2
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NOT TO SCALE

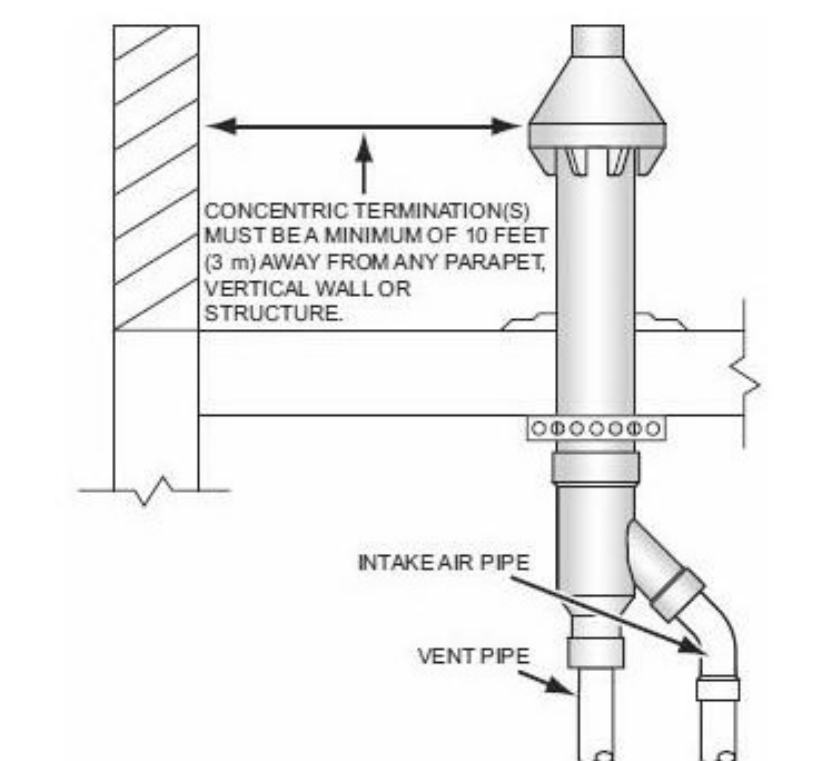
SEISMIC RESTRAINTS NOTES FOR EQUIPMENT, DUCTS, AND PIPES

- TRANSVERSE BRACING SHALL BE AT 40 FEET MAXIMUM, EXCEPT WHERE A LESSER SPACING IS INDICATED IN THE TABLES FOR BRACING OF PIPES.
- LONGITUDINAL BRACING SHALL BE AT 80 FEET MAXIMUM, EXCEPT WHERE A LESSER SPACING IS INDICATED IN THE TABLES. IN PIPES WHERE THERMAL EXPANSION IS A CONSIDERATION, AN ANCHOR POINT MAY BE USED AS THE SPECIFIED LONGITUDINAL BRACE PROVIDED IT HAS A CAPACITY EQUAL TO OR GREATER THAN A LONGITUDINAL BRACE. THE LONGITUDINAL BRACES AND CONNECTIONS MUST BE CAPABLE OF RESISTING THE ADDITIONAL FORCE INDUCED BY EXPANSION AND CONTRACTION. THERMAL EXPANSION CONSIDERATIONS SHALL BE THE RESPONSIBILITY OF THE MPE ENGINEER (REFER TO THE MPE DOCUMENTS FOR APPROPRIATE REQUIREMENTS).
- FOR FUEL-OIL AND GAS PIPING, AS SPECIFIED IN 2(a), THE BRACING DETAILS, SCHEDULES, AND NOTES MAY BE USED, EXCEPT THAT TRANSVERSE BRACING SHALL BE AT 20 FEET MAXIMUM AND LONGITUDINAL BRACING SHALL BE AT 40 FEET MAXIMUM.
- TRANSVERSE BRACING FOR ONE PIPE SECTION MAY ALSO ACT AS LONGITUDINAL BRACING FOR A PIPE SECTION OF THE SAME SIZE CONNECTED PERPENDICULAR TO IT IF THE BRACING IS INSTALLED WITHIN 24 INCHES OF THE ELBOW OR TEE. SEE CHAPTER 4 OF THE SMACNA SEISMIC RESTRAINT MANUAL FOR TYPICAL LOCATIONS OF BRACING.
- SEISMIC BRACES FOR PIPES ON TRAPEZE HANGERS MAY BE USED. SEE DETAILS IN CHAPTER 4 OF THE SMACNA SEISMIC RESTRAINT MANUAL.
- PROVIDE FLEXIBILITY IN JOINTS WHERE PIPES PASS THROUGH BUILDING SEISMIC JOINTS OR EXPANSION JOINTS OR WHERE RIGIDLY SUPPORTED PIPES CONNECT TO EQUIPMENT WITH VIBRATION ISOLATORS. FOR THREADED PIPING, THE FLEXIBILITY MAY BE PROVIDED BY THE INSTALLATION OF SWING JOINTS. FOR PIPING WITH MANUFACTURED BALL JOINTS, SELECT THE LENGTH OF PIPING OFFSET USING TWICE THE SEISMIC DRIFT OR THE EXPANSION JOINT SIZE SHOWN ON THE DRAWINGS, WHICHEVER IS LESS. IN PLACE OF THE EXPANSION GIVEN IN THE JOINT MANUFACTURER'S SELECTION TABLE, SEISMIC DRIFT = 0.012 FT PER FOOT OF HEIGHT ABOVE THE BASE WHERE SEISMIC SEPARATION OCCURS.
- BRANCH LINES MAY NOT BE USED TO BRACE MAIN LINES.
- A RIGID PIPING SYSTEM SHALL NOT BE BRACED TO DISSIMILAR PARTS OF THE BUILDING OR TO TWO DISSIMILAR BUILDING SYSTEMS THAT MAY RESPOND DIFFERENTLY DURING AN EARTHQUAKE.
- CAST-IRON PIPE OF ALL TYPES, GLASS PIPE, AND ANY OTHER PIPE JOINED WITH A SHIELD AND CLAMP ASSEMBLY, WHERE THE TOP OF THE PIPE IS 12 INCHES OR MORE FROM THE SUPPORTING STRUCTURE, SHALL BE BRACED ON EACH SIDE OF A CHANGE IN A DIRECTION OF 90 DEGREES OR MORE. RISER JOINTS SHALL BE BRACED OR STABILIZED BETWEEN FLOORS.
- VERTICAL RISERS SHALL BE Laterally SUPPORTED WITH A RISER CLAMP AT EACH FLOOR. FOR BUILDINGS GREATER THAN SIX STORIES HIGH, RISERS SHALL BE ENGINEERED INDIVIDUALLY.
- FOR RISERS IN HUBLESS PIPING SYSTEMS WHERE THE RISER JOINTS ARE UNSUPPORTED BETWEEN FLOORS, SEE CHAPTER 9 OF THE SMACNA SEISMIC RESTRAINT MANUAL FOR RISER BRACING DETAILS.
- THE SPACING OF VERTICAL SUPPORTS AND LATERAL BRACING, AND THE DETAILS OF THE VERTICAL SUPPORTS FOR THE FIRE-SPRINKLER SYSTEM SHALL COMPLY WITH NFPA PAMPHLET 13. THE DETAILS FOR THE LATERAL BRACING SHALL COMPLY WITH THE GUIDELINES OF THE SMACNA SEISMIC RESTRAINT MANUAL.

- D. EQUIPMENT REQUIREMENTS**
- CONTRACTOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE FROM EACH EQUIPMENT MANUFACTURER STATING THAT EQUIPMENT WITH AN OPERATING WEIGHT OVER 200 POUNDS OR EQUIPMENT THAT MUST REMAIN OPERATIONAL DURING A DESIGN EARTHQUAKE, WILL WITHSTAND THE SEISMIC DESIGN PROVISIONS OF THE INTERNATIONAL BUILDING CODE, AMPLIFIED SEISMIC FORCES, AS THE RESULT OF NON-RIGID OR FLEXIBLE SUPPORTS SHALL BE CONSIDERED WHERE APPROPRIATE. BASIS OF CERTIFICATION SHALL BE BY ACTUAL TEST ON A SHAKING TABLE, BY THREE DIMENSIONAL SHOCK TESTS, BY AN ANALYTICAL METHOD USING DYNAMIC CHARACTERISTICS AND FORCES, BY USE OF EXPERIENCE DATA, OR BY MORE RIGOROUS ANALYSIS PROVIDING FOR EQUIVALENT SAFETY.
 - EQUIPMENT TO REMAIN OPERATIONAL SHALL INCLUDE BUT SHALL NOT BE LIMITED TO:
 a. LIFE SAFETY SYSTEMS AND EQUIPMENT
 b. EMERGENCY AND STANDBY POWER SYSTEMS AND EQUIPMENT
 c. MEDICAL GAS SYSTEMS, EQUIPMENT AND STORAGE
 d. EQUIPMENT AND UTILIZING COMBUSTIBLE ENERGY
 e. EQUIPMENT CONVEYING HAZARDOUS MATERIALS, INCLUDING ISOLATION AND FUME HOOD EXHAUST EQUIPMENT
 - OTHER FLOOR-OR PADMOUNTED EQUIPMENT WITHOUT VIBRATION ISOLATORS SHALL BE BOLTED TO THE FLOOR (SLAB) WITH 3/8-INCH DIAMETER EXPANSION BOLTS (SEE STRUCTURAL DRAWINGS FOR ACCEPTABLE BOLT TYPE AND REQUIRED EMBEDMENT) UNLESS NOTED OR SHOWN OTHERWISE ON THE MPE DRAWINGS. PROVIDE EXPANSION ANCHORS AT THE FOUR CORNERS AND AT 4'-0" CENTER-TO-CENTER MAXIMUM UNLESS NOTED OTHERWISE.
 - VIBRATION ISOLATORS, SNUBBERS, ISOLATION RAILS, ETC., AND THE ANCHORAGE OF THESE ASSEMBLIES FOR FLOOR-OR ROOFMOUNTED OR SUSPENDED EQUIPMENT SHALL BE DESIGNED FOR THE APPROPRIATE SEISMIC FORCES PER IBC.



6 INCH CONCENTRIC TERMINATION SIDEWALL INSTALLATION



6 INCH CONCENTRIC TERMINATION FLAT ROOF CLEARANCE

GAS WATER HEATER CONCENTRIC TERMINATION DETAIL
 3
 M4.01
 NOT TO SCALE

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS	
SHEET TITLE HVAC DETAILS	
PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO. M4.01	

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SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC LEGENDS AND SCHEDULES

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/8" = 1'-0"
CHECKED BY TMH	
SHEET NO.	

GENERAL MECHANICAL LEGEND

	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	FLEX DUCTWORK
	11 200 CFM TERMINAL TAG
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
	T THERMOSTAT
	H HUMIDISTAT

PACKAGE GAS/DX SCHEDULE

EQUIP NO.	AC#3	AC#8,10,12,15,21	AC#13,14,20
TONNAGE	5 TON	2 TON	2.5 TON
TYPE	DOWNSHOT	DOWNSHOT	DOWNSHOT
SERVICE	SEE PLANS	SEE PLANS	SEE PLANS
TOTAL CFM	2000	800	1000
MIN OA(CFM)	150	100	100
ACCESSORIES	---	---	---
ECONOMIZER	YES	YES	YES
CURB(INSULATED)	YES	YES	YES
FILTERS	2" FARR	2" FARR	2" FARR
OTHER	1,2,3,4,5,6	1,2,3,4,5,6	1,2,3,4,5,6
SUPPLY FAN	---	---	---
ESP	1.2	1.0	.7
EVAP HP	1.0	1/3	1/3
VOLTAGE	460/3/60	208/1/60	208/1/60
HEATING COIL	2-STAGE	1-STAGE	1-STAGE
FUEL	NATURAL GAS	NATURAL GAS	NATURAL GAS
HTG CAP INPUT	81 F/108 F MBH	65 MBH	65 MBH
HTG CAP OUTPUT	65 F/86 F MBH	52 MBH	52 MBH
EADB/LADB	63 F/103 F	59.5 F/120 F	61 F/109 F
COOLING COIL	---	---	---
COOLING CAP MBH	60	24	30
EADB/EAWB	78 F/65 F	78 F/65 F	78 F/65 F
LADB/LAWB	56.5 F/56 F	56.5 F/56 F	56.5 F/56 F
CONDENSING SECT.	---	---	---
COMPRESSOR FLA	6.5	10.9	13.5
COND. FAN FLA	2.1	1.7	1.7
UNIT MCA/MOCP	14/20	19/25	22/30
VOLTAGE	460/3/60	208/1/60	208/1/60
OADB/EER	95 F/12.7	95 F/12.5	95 F/11.5
MANUFACTURER	LENNOX	LENNOX	LENNOX
MODEL #	LGH060H4	KGB024S4	KGB030S4
UNIT WEIGHT #	974	700	700

1. PROVIDE A SMOKE DETECTOR IN THE SUPPLY & RETURN OF THE AC UNIT.
2. PROVIDE AN ELECTRONIC PROGRAMMABLE THERMOSTAT.
3. PROVIDE LOW AMBIENT CONTROLS AND HAIL GUARD.
4. PROVIDE BAROMETRIC RELIEF DAMPERS WITH THE ECONOMIZER WITH ENTHALPY CONTROLS.
5. PROVIDE THE HUMIDITROL DEHUMIDIFICATION SYSTEM WITH REHEAT COIL.
6. SEE ADDITIONAL CONTROL ELEMENTS ON SHEET M6.00

PACKAGED GAS/DX SCHEDULE

EQUIP NO.	AC#1	AC#2	AC#4-7	AC#9	AC#11	AC#16-19,22-24
TYPE	DOWNSHOT	DOWNSHOT	DOWNSHOT	DOWNSHOT	DOWNSHOT	DOWNSHOT/HORIZONTAL
SERVICE	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS
TOTAL CFM	3000	1600	1000	2000	1000	3000
MIN OA(CFM)	650	300	365	390	230	1165
ACCESSORIES	NOTE 1-3	NOTE 1-3	NOTE 1-3	NOTE 1-3	NOTE 1-3	NOTE 1-3
ECONOMIZER	YES	YES	YES	YES	YES	YES
CURB(INSULATED)	YES	YES	YES	YES	YES	YES
FILTERS	2" FARR	2" FARR	2" FARR	2" FARR	2" FARR	2" FARR
SUPPLY FAN	---	---	---	---	---	---
ESP	1.0	.8	.5	1.0	1.0	1.0
EVAP HP	2.0	1.0	1.0	2.0	1.0	2.0
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
HEATING COIL	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS
INPUT/OUTPUT MBH	90/72.9	90/72.9	60/48.6	90/72.5	60/48.6	150/120
EADB/LADB	59.5 F/ 93 F	60.5 F/ 114 F	57.5 F/ 112 F	60 F/ 105 F	59 F/ 114 F	58 F/ 105 F
STAGES	MODULATING	MODULATING	MODULATING	MODULATING	MODULATING	MODULATING
COOLING COIL	---	---	---	---	---	---
EQUIV. TOTAL MBH	133	65	60	77	45	158
TOTAL/SENS. MBH	107/78.5	53/39	37/26	61/49.5	36/26	108/78
EADB/EAWB	76 F/63 F	76 F/63 F	77 F/64 F	76 F/63 F	76 F/64 F	76 F/63 F
LADB/LAWB	50.5 F/50 F	52 F/50 F	51 F/50.5 F	51.5 F/51 F	50.5 F/50 F	51 F/50.5 F
REHEAT COIL	---	---	---	---	---	---
TOTAL MBH	80	40	26	51	26	77
LADB/LAWB	75 F/60 F	75 F/60 F	75 F/60 F	75 F/60.5 F	75 F/60 F	75 F/60 F
EXHAUST FAN	653 CFM	336 CFM	950 CFM	430 CFM	950 CFM	1293
H.P.	1	1	1	1	1	1
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
HEAT WHEEL	650 CFM	300 CFM	365 CFM	390 CFM	230 CFM	1165 CFM
TOT./SENS. CLG. MBH	26/10	12/5	14/5	16/6	9/3	50/18
H.P.	.05	.05	.05	.05	.05	.17
VOLTAGE	230/1/60	230/1/60	230/1/60	230/1/60	230/1/60	230/1/60
CONDENSING SECT.	---	---	---	---	---	---
COMPRESSOR FLA	14.7	8.1	6.2	8.1	6.2	14.7
COND. FAN FLA	2@1.1	1.6	1.6	1.6	1.6	2@1.1
UNIT MCA/MOCP	26/40	16/20	15/20	17/25	15/20	26/40
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
OADB/EER	95 F/11.9	95 F/12.9	95 F/13.6	95 F/13.1	95 F/13.6	95 F/11.9
MANUFACTURER	AAON	AAON	AAON	AAON	AAON	AAON
MODEL #	RM103-3-EA09-30P-PLUC-D09-100-00C-01KAYD-00-FR00000VB	RM106-3-EA09-30P-PLUC-D09-100-00C-01KAYD-00-FR00000VB	RM103-3-EA09-31P-PLUC-D09-100-00C-01KAYD-00-DRE0000VB	RM106-3-EA09-31P-PLUC-D09-100-00C-01KAYD-00-FR00000VB	RM103-3-EA09-31P-PLUC-D09-100-00C-01KAYD-00-DRE0000VB	RM103-3-EA09-30P-PLUC-D09-100-00C-01KAYD-00-FR00000VB
UNIT WEIGHT #	1626	1434	1193	1520	1193	1627

1. PROVIDE A SMOKE DETECTOR IN THE SUPPLY & RETURN OF THE AC UNIT.
2. PROVIDE BAROMETRIC RELIEF DAMPERS WITH THE ECONOMIZER WITH ENTHALPY CONTROLS. AC#16,18,19,23,& 24 TO HAVE A 48" TALL CURB.
3. SEE ADDITIONAL CONTROL ELEMENTS ON SHEET M6.00.

EXHAUST FAN SCHEDULE

EQUIP NO.	EF#1	EF#2	EF#3
TYPE	ROOF MTD.	ROOF MTD.	ROOF MTD.
SERVICE	SEE PLANS	SEE PLANS	SEE PLANS
CFM	150	670	1250
STATIC PRESSURE	.375"	.375"	.375"
SONES	8.5	4.5	7.0
HP	1/4	1/4	1/4
VOLTAGE	120/1/60	120/1/60	120/1/60
ACCESSORIES	NOTE 1,2	NOTE 1,2	NOTE 1,2
DAMPER TYPE	BACKDRAFT	BACKDRAFT	BACKDRAFT
SCREEN TYPE	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN
MANUFACTURER	COOK	COOK	COOK
MODEL #	120ACEBOR60	120ACEBOR92	150ACEB

1. PROVIDE VSD-VARI FLOW SIMPLI DRIVE.
2. INTERLOCK FAN WITH THE LIGHTS.

GRILLE, REGISTER, & DIFFUSER SCHEDULE

DESIGNAT.	DESCRIP.	MANUFACTURER	MODEL	DAMPER	FINISH
ALL TYP.	CLG DIFF.	TITUS	TMS-AA	NO	WHITE
ALL TYP.	RET. REG.	TITUS	50F	NO	WHITE
ALL TYP.	EXH REG.	TITUS	50F	NO	WHITE
ALL TYP.	SUPPLY REG.	TITUS	300FS	NO	WHITE
*GYM	RET. REG.	PRICE	97	NO	WHITE

*HEAVY DUTY ALUMINUM FOR THE GYM AREAS.

UNIT HEATER SCHEDULE

EQUIP NO.	UH#1,2	---
TYPE	WALL MTD.	---
SERVICE	SEE PLANS	---
CAPACITY MBH	17.1	---
K.W.	5.0	---
VOLTAGE	208/1/60	---
BLOWER	---	---
TYPE	DIRECT	---
CFM	245	---
H.P.	NEG.	---
VOLTAGE	208/1/60	---
CONTROL VOLT.	24V	---
ACCESSORIES	NOTE 1,2	---
SPACE T'STAT	---	---
MANUFACTURER	MARKEL	---
MODEL #	F3425	---

1. FLUSH MOUNTED WITH INTEGRAL DISCONNECT SWITCH.
2. PROVIDE REMOTE PROGRAMMABLE THERMOSTAT WITH REMOTE SENSING BULB AT THE UNIT.

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

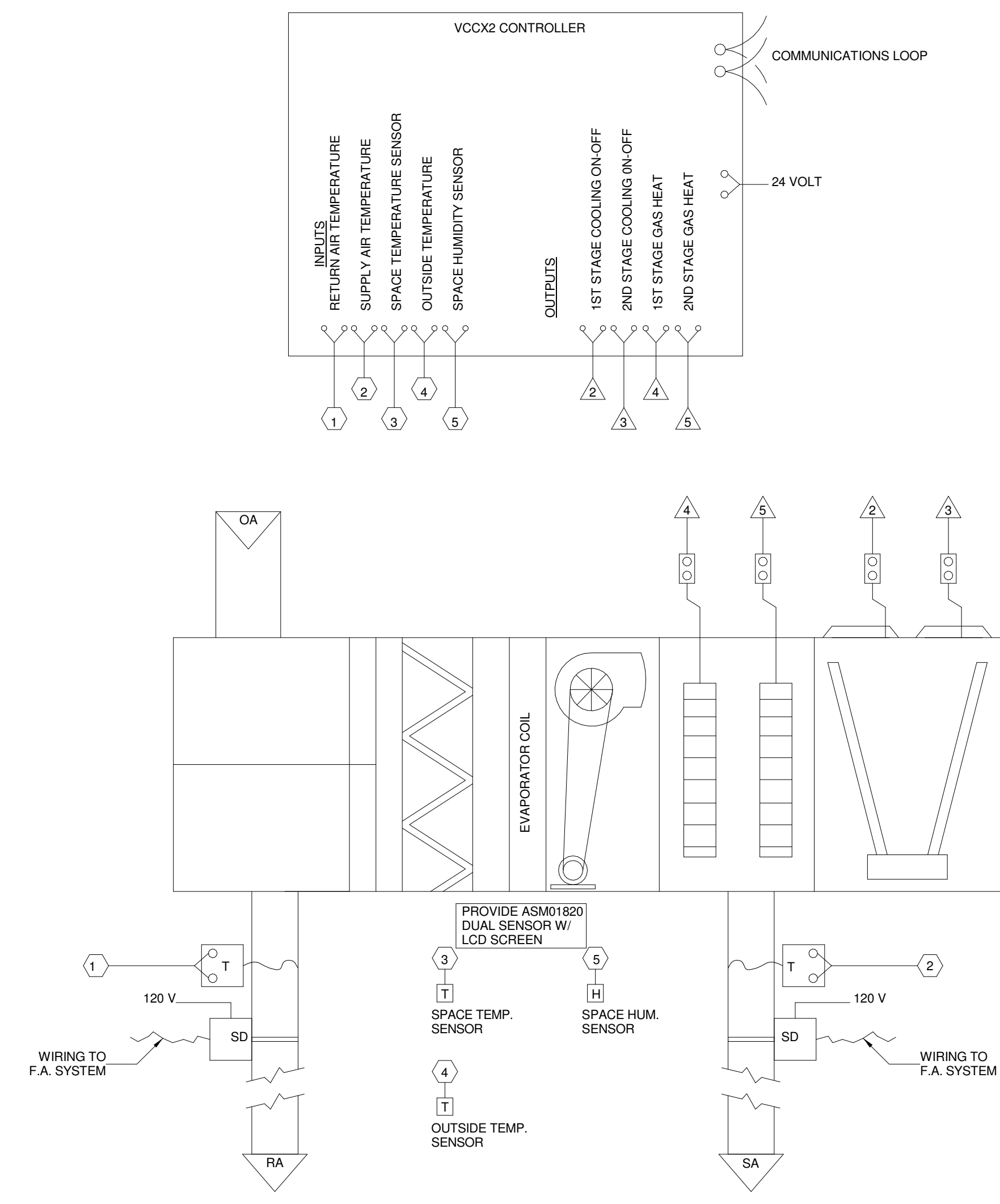
CONSTRUCTION DOCUMENTS

SHEET TITLE

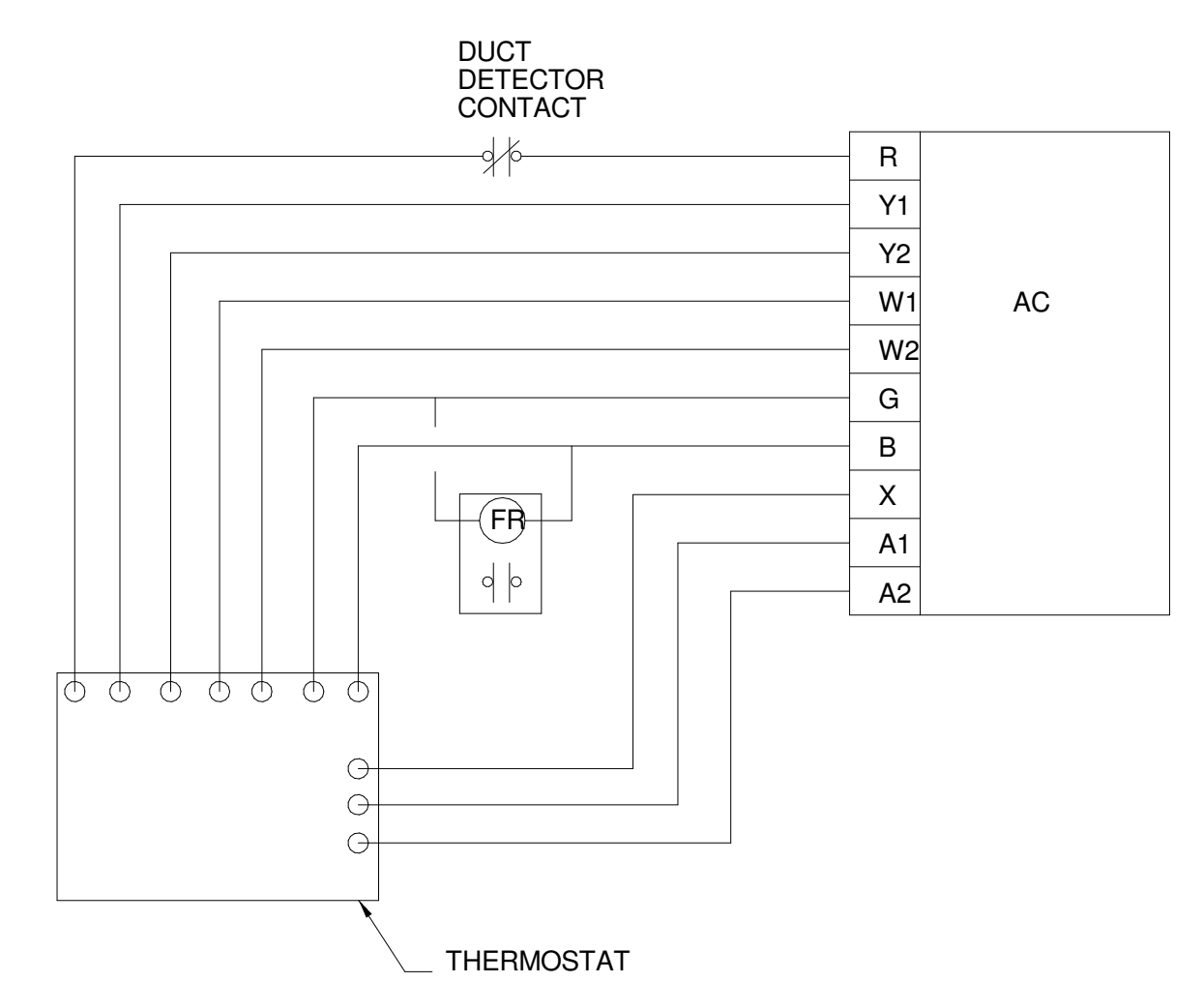
HVAC CONTROLS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

M6.00



1
M6.00
AC UNIT CONTROL FOR EACH AAON UNIT
NOT TO SCALE



2
M6.00
AC UNIT CONTROL FOR EACH LENNOX UNIT
NOT TO SCALE

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NASHVILLE, TENNESSEE
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FAYETTE MULTIUSE FACILITY

GEORGIA

PREPARED FOR:
CITY OF FAYETTE

FAYETTE

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

HVAC MECHANICAL COMPLIANCE

PROJECT NO. 22067	DATE 06/21/2024
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SHEET NO.	

M7.00

COMcheck Software Version 4.1.1.0
Mechanical Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Fayette Multiuse Facility
Location: Fayetteville, Georgia
Climate Zone: 3a
Project Type: New Construction

Construction Site: Fayetteville, GA
Owner/Agent: Fayetteville, GA
Designer/Contractor: Timothy Harms
Harms Engineering, Inc.
850 Neartop Drive
Nashville, TN 37205
615-356-6789
harmseng@gmail.com

Additional Efficiency Package(s)

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

Mechanical Systems List

Quantity	System Type & Description
1	HVAC System AC#3 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 108 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 60 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: AC#3 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 1 Supply, Constant Volume, 2000 CFM, 1.0 motor nameplate hp, 0.0 fan efficiency grade
5	HVAC System AC#8,10,12,15,21 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 65 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 24 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: AC#8,10,12,15,21 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 2 Supply, Constant Volume, 800 CFM, 0.3 motor nameplate hp, 0.0 fan efficiency grade
3	HVAC System AC#13,14,20 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 65 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 30 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: AC#13,14,20 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 3 Supply, Constant Volume, 1000 CFM, 0.3 motor nameplate hp, 0.0 fan efficiency grade
1	HVAC System AC#1 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 90 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 133 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.90 EER, Required Efficiency: 11.00 EER + 12.6 IEER Fan System: AC#1 -- Compliance (Motor nameplate HP method) : Passes

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Quantity System Type & Description

Fans: FAN 4 Supply, Constant Volume, 3000 CFM, 2.0 motor nameplate hp, 0.0 fan efficiency grade
1 HVAC System AC#2 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 90 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 65 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 12.90 EER, Required Efficiency: 11.00 EER + 12.6 IEER Fan System: AC#2 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 5 Supply, Constant Volume, 1600 CFM, 1.0 motor nameplate hp, 0.0 fan efficiency grade
4 HVAC System AC#4-7 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 60 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: AC#4-7 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 6 Supply, Constant Volume, 1000 CFM, 1.0 motor nameplate hp, 0.0 fan efficiency grade
1 HVAC System AC#9 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 90 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 77 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 13.00 EER, Required Efficiency: 11.00 EER + 12.6 IEER Fan System: AC#9 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 7 Supply, Constant Volume, 2000 CFM, 2.0 motor nameplate hp, 0.0 fan efficiency grade
1 HVAC System AC#11 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 45 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: AC#11 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 9 Supply, Constant Volume, 1000 CFM, 1.0 motor nameplate hp, 0.0 fan efficiency grade
7 HVAC System AC#16-19,22-24 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 150 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 158 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.90 EER, Required Efficiency: 10.80 EER + 12.2 IEER Fan System: AC#16-19,22-24 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 10 Supply, Constant Volume, 3000 CFM, 2.0 motor nameplate hp, 0.0 fan efficiency grade
2 HVAC System UH#1,2 (Single Zone): Heating: 1 each - Unit Heater, Electric, Capacity = 17 kBtu/h No minimum efficiency requirement applies Fan System: UH#1,2 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 11 Supply, Constant Volume, 245 CFM, 0.1 motor nameplate hp, 0.0 fan efficiency grade
2 Water Heater WH#1,2: Gas Storage Water Heater, Capacity: 50 gallons, Input Rating: 100 kBtu/h w/ Circulation Pump Proposed Efficiency: 90.00 % Et, Required Efficiency: 80.00 % Et

Project Title: Fayette Multiuse Facility Report date: 03/26/24
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Quantity System Type & Description

1 Water Heater WH#3: Gas Storage Water Heater, Capacity: 119 gallons, Input Rating: 499 kBtu/h Proposed Efficiency: 90.00 % Et, Required Efficiency: 80.00 % Et

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Timothy Harms - Mechanical Engineer Signature *Timothy M. Harms* Date 03/26/2024

Project Title: Fayette Multiuse Facility Report date: 03/26/24
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County Multi-Use Facility, GAFayette.cck

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

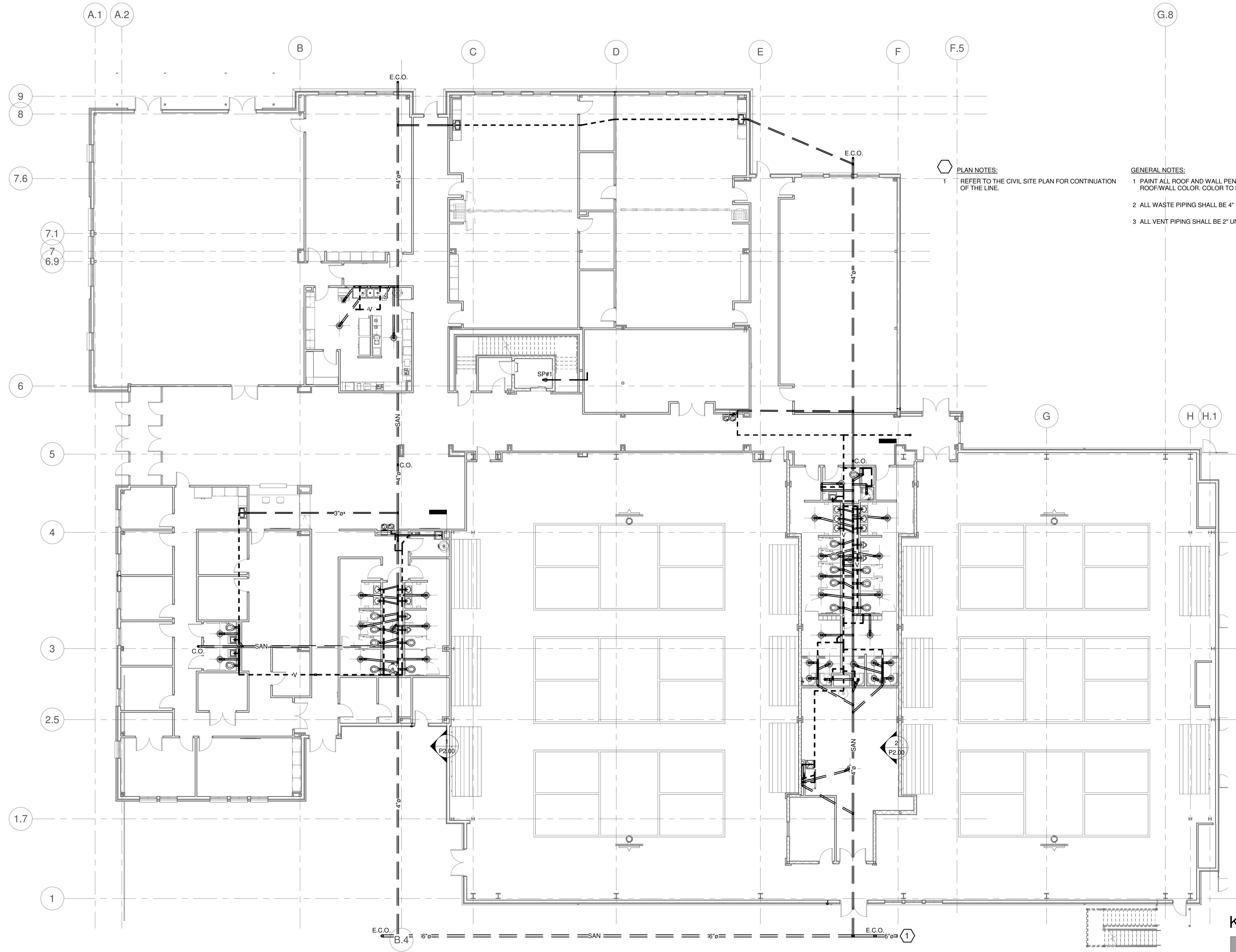
CONSTRUCTION DOCUMENTS

SHEET TITLE

WASTE & VENT OVERALL FIRST FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
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SHEET NO.	

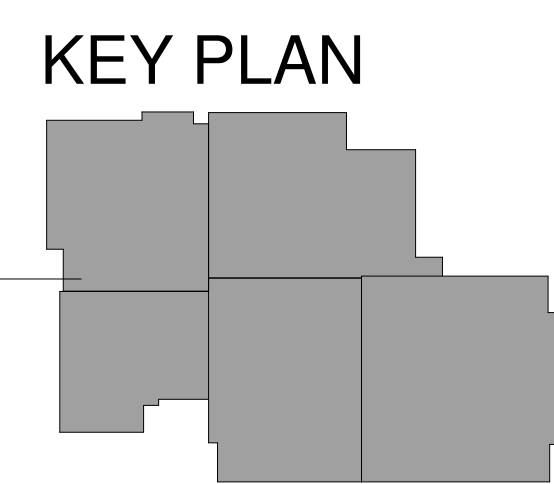
P0.00



PLAN NOTES:
1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.

GENERAL NOTES:
1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
2 ALL WASTE PIPING SHALL BE 4" UNLESS OTHERWISE NOTED.
3 ALL VENT PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.

1 WASTE & VENT OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"



SUBMITTALS / REVISIONS

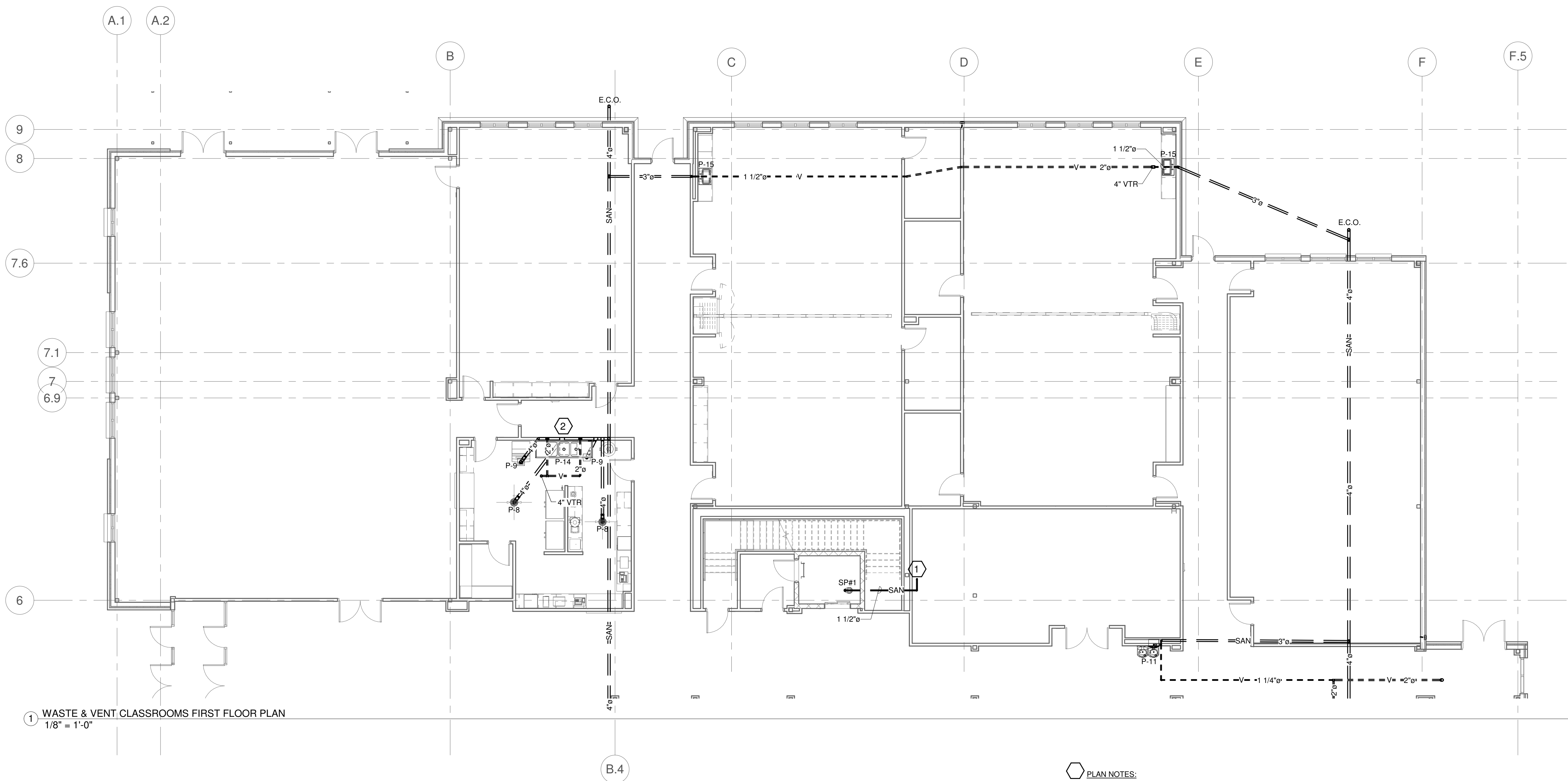
NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

WASTE & VENT CLASSROOMS FIRST FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
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1 WASTE & VENT CLASSROOMS FIRST FLOOR PLAN
1/8" = 1'-0"

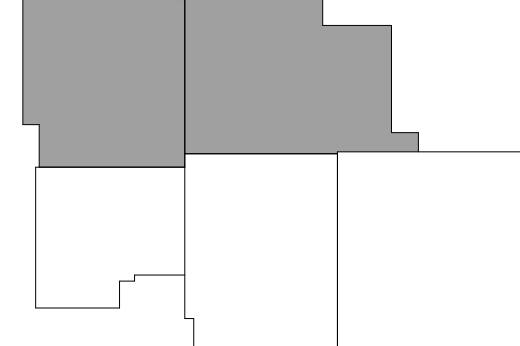
PLAN NOTES:

- ROUTE SUMP PUMP PIPING TO A STORAGE BARREL.
- JR SMITH #8035 GREASE INTERCEPTOR(GI); 35 GPM; 70 LBS. GREASE CAPACITY. TIE THE THREE DRAINS FROM THE SINK TO THE GI. ROUTE A DRAIN FROM THE GI TO THE FLOOR SINK WITH AN OPEN AIR GAP. (RECESS THE GI IN THE FLOOR)

GENERAL NOTES:

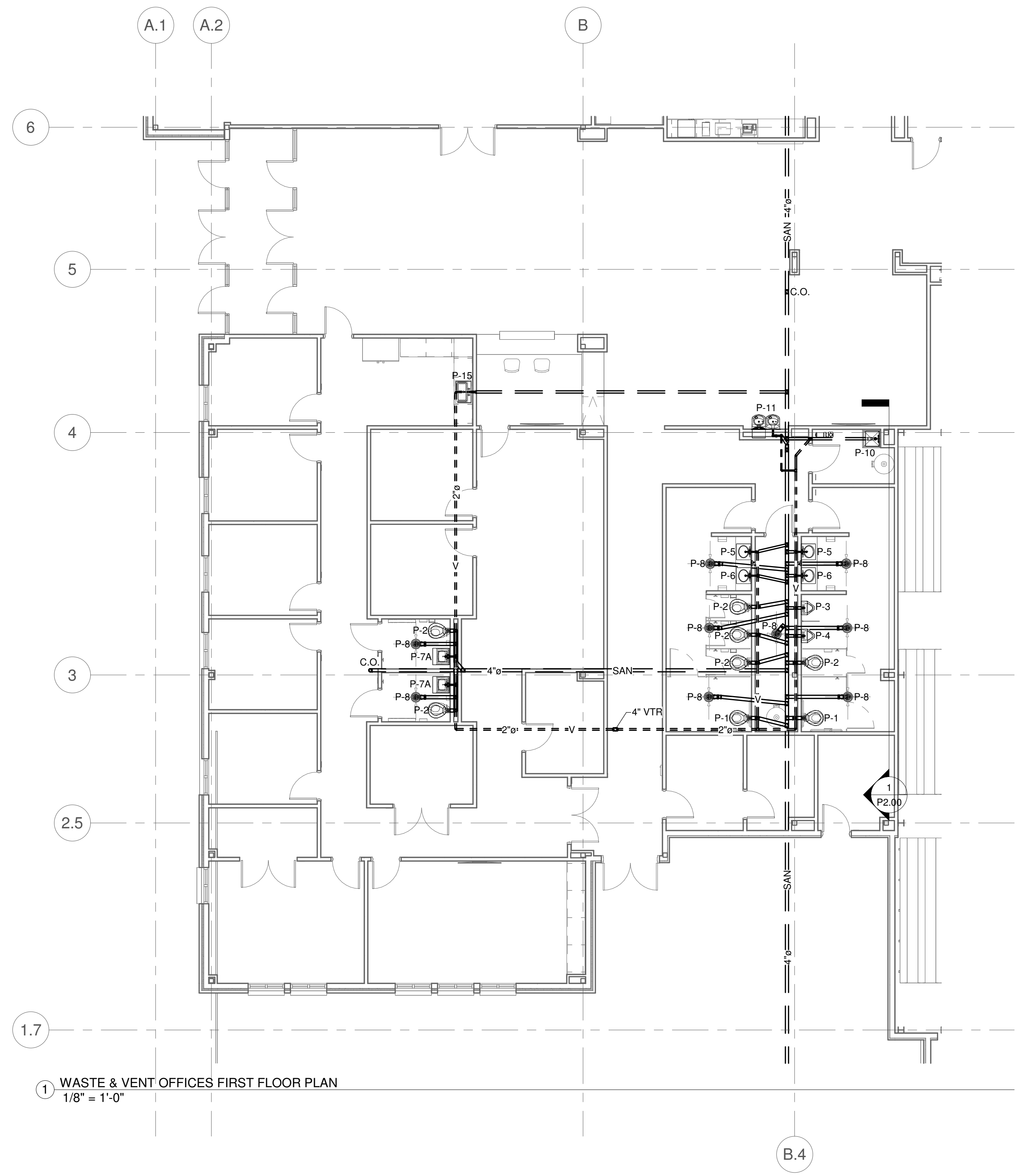
- PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
- ALL WASTE PIPING SHALL BE 4" UNLESS OTHERWISE NOTED.
- ALL VENT PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.

KEY PLAN



NO.	DATE	DESCRIPTION

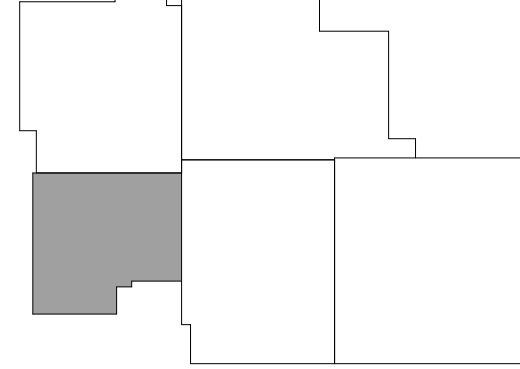
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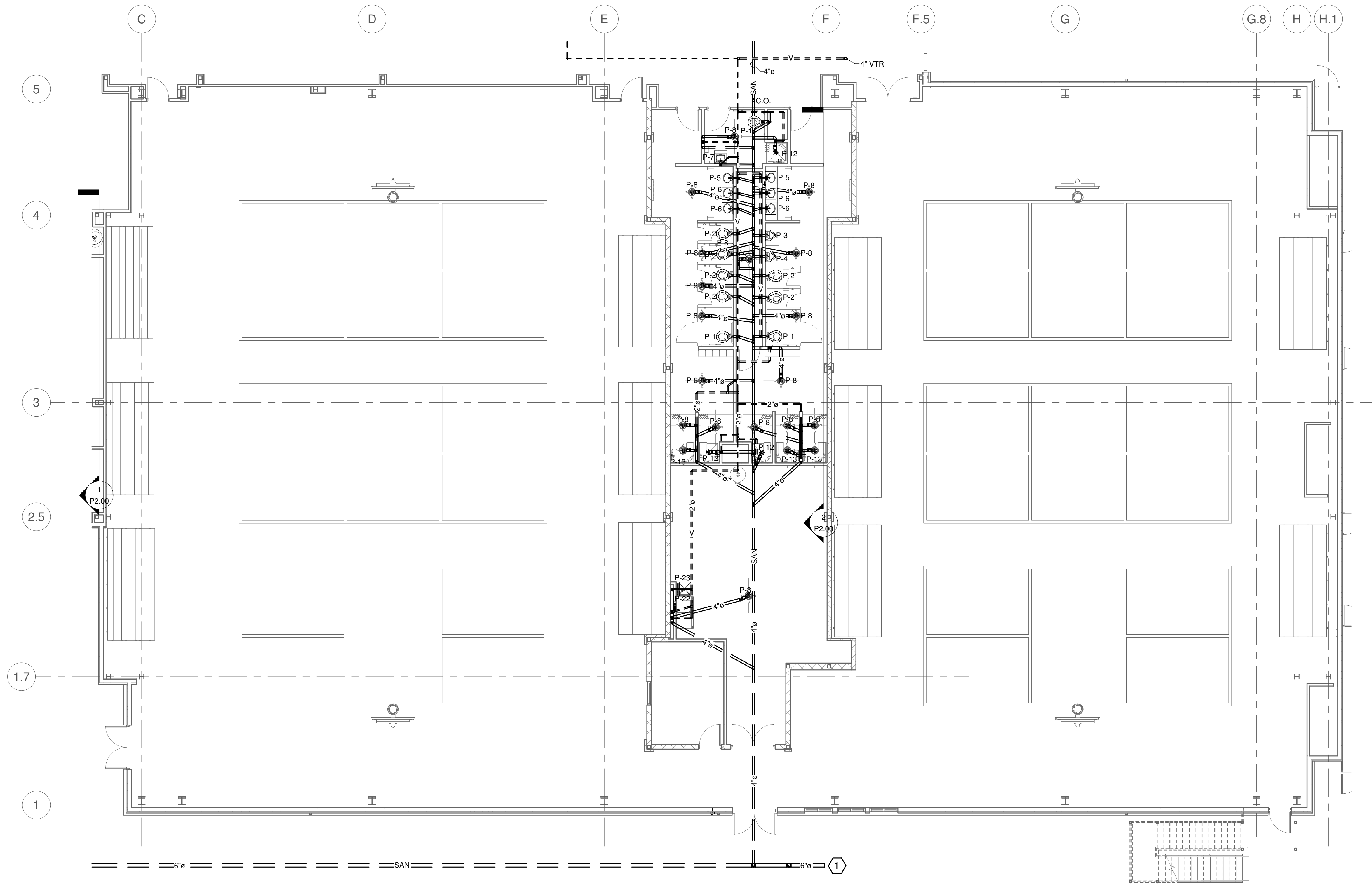


- GENERAL NOTES:**
- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 2 ALL WASTE PIPING SHALL BE 4" UNLESS OTHERWISE NOTED.
 - 3 ALL VENT PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.

1 WASTE & VENT OFFICES FIRST FLOOR PLAN
1/8" = 1'-0"

KEY PLAN





PLAN NOTES:

- 1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.

GENERAL NOTES:

- 1 PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
- 2 ALL WASTE PIPING SHALL BE 4" UNLESS OTHERWISE NOTED.
- 3 ALL VENT PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.

1 WASTE & VENT GYM FIRST FLOOR PLAN
1/8" = 1'-0"

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

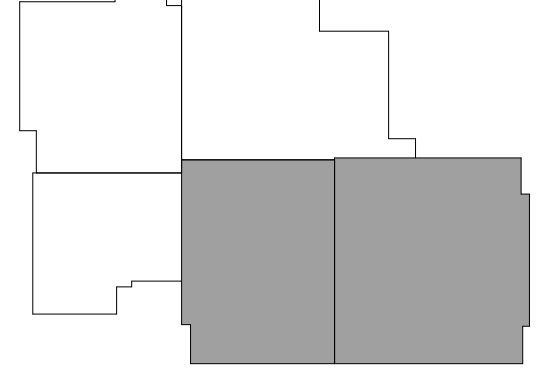
SHEET TITLE

**WASTE & VENT
GYM FIRST
FLOOR PLAN**

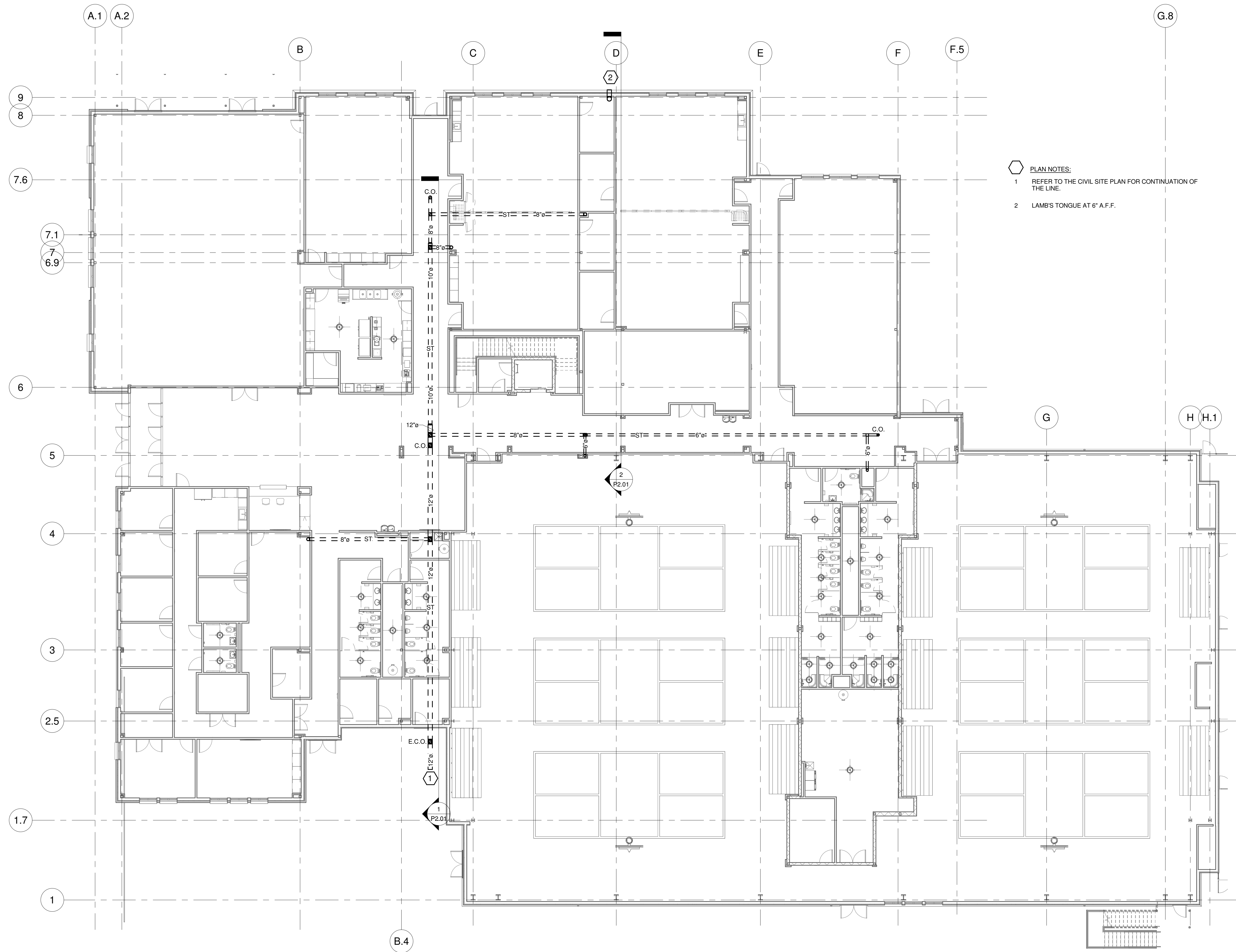
PROJECT NO. 22067	DATE 06/21/2024
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SHEET NO.	

P0.03

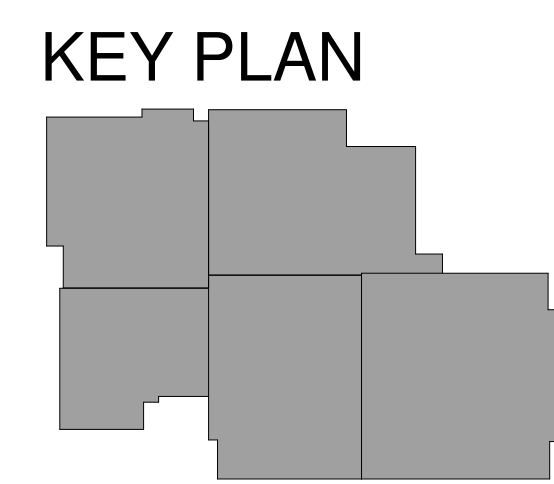
KEY PLAN



NO	DATE	DESCRIPTION



PLAN NOTES:
1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
2 LAMB'S TONGUE AT 6" A.F.F.



1 STORM OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"

SUBMITTALS / REVISIONS

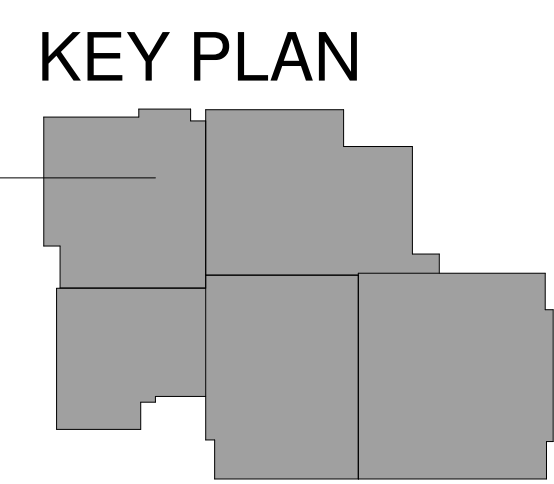
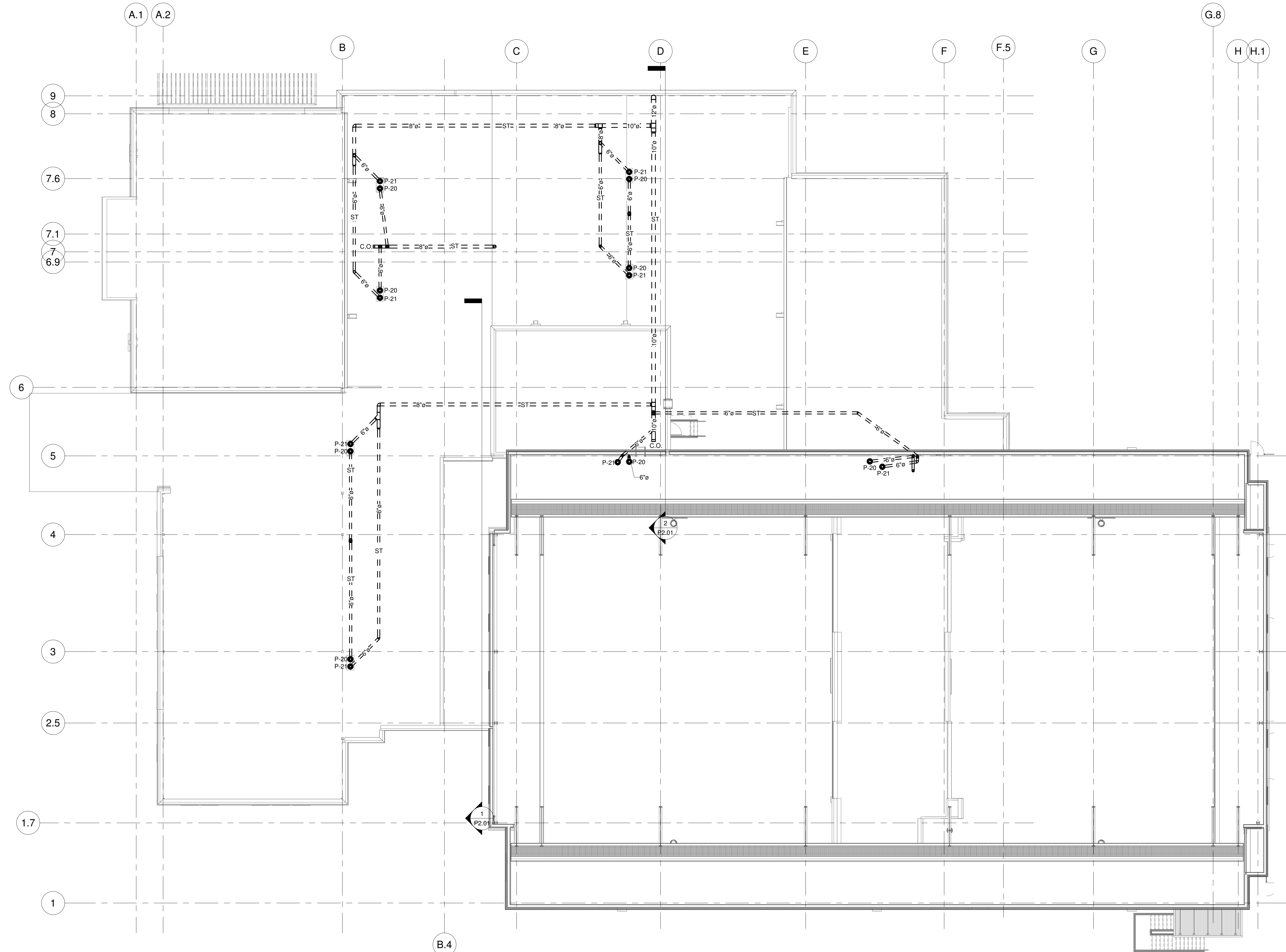
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CONSTRUCTION DOCUMENTS

SHEET TITLE

STORM OVERALL SECOND FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
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SHEET NO.	



1 STORM OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"

PREPARED FOR:
CITY OF FAYETTE

GEORGIA

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

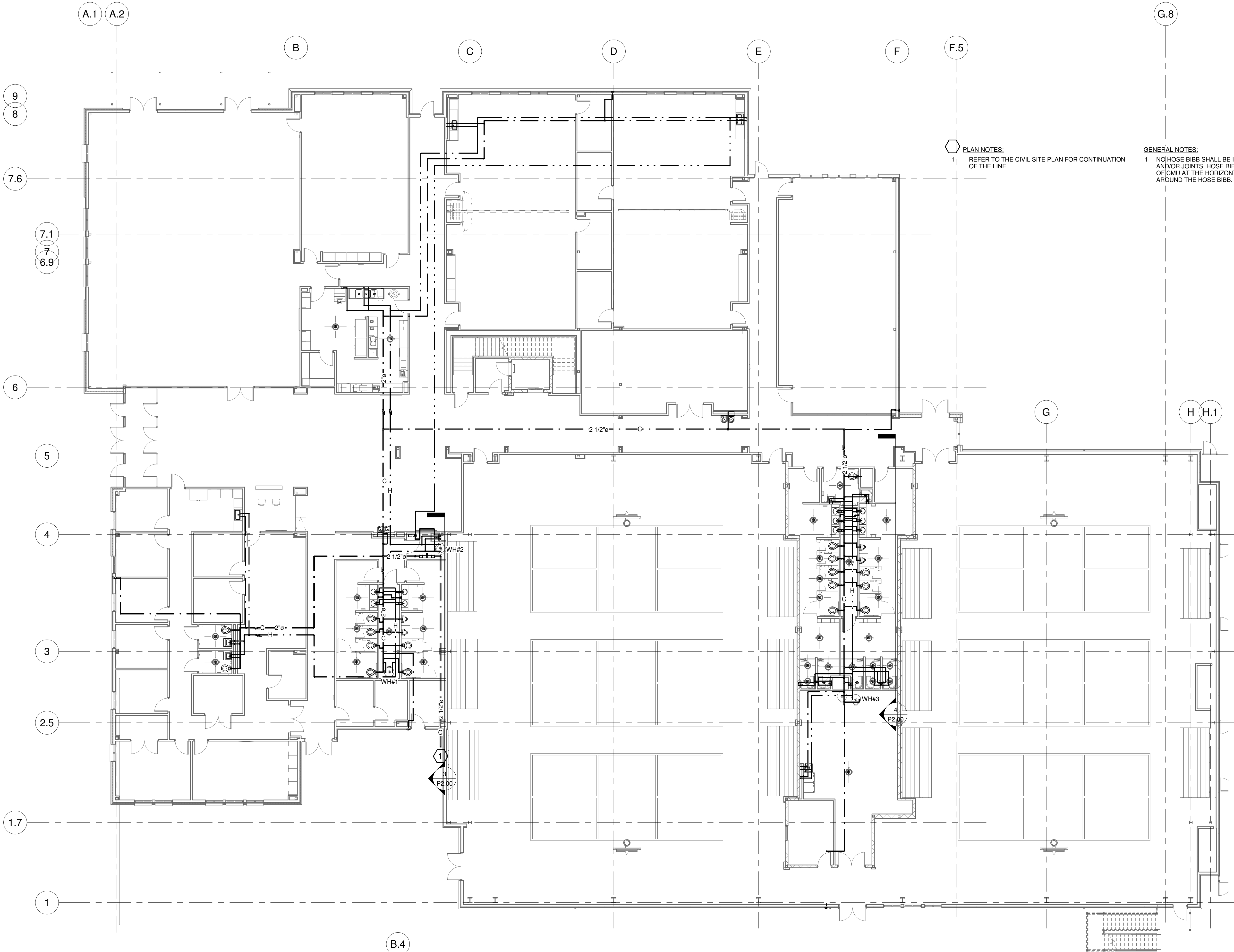
CONSTRUCTION DOCUMENTS

SHEET TITLE

WATER OVERALL FIRST FLOOR PLAN

PROJECT NO. 22067 DATE 06/21/2024
DRAWN BY TMH SCALE
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SHEET NO.

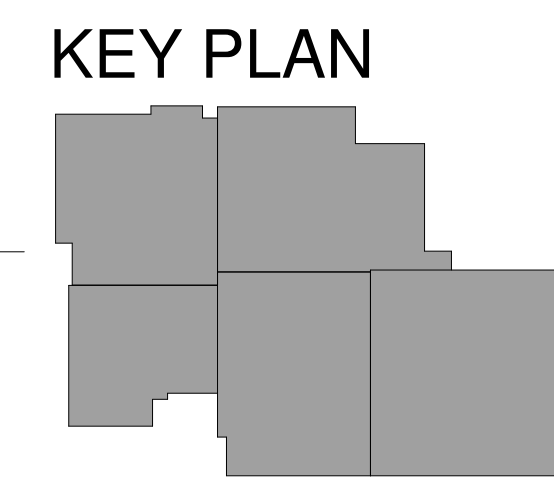
P1.00



PLAN NOTES:
1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.

GENERAL NOTES:
1 NO HOSE BIBB SHALL BE INSTALLED ON SPLIT FACE BLOCKS AND/OR JOINTS. HOSE BIBB SHALL BE MOUNTED ON SMOOTH FACE OF CMU AT THE HORIZONTAL CENTERLINE OF THE BLOCK, CAULK AROUND THE HOSE BIBB.

1 WATER OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

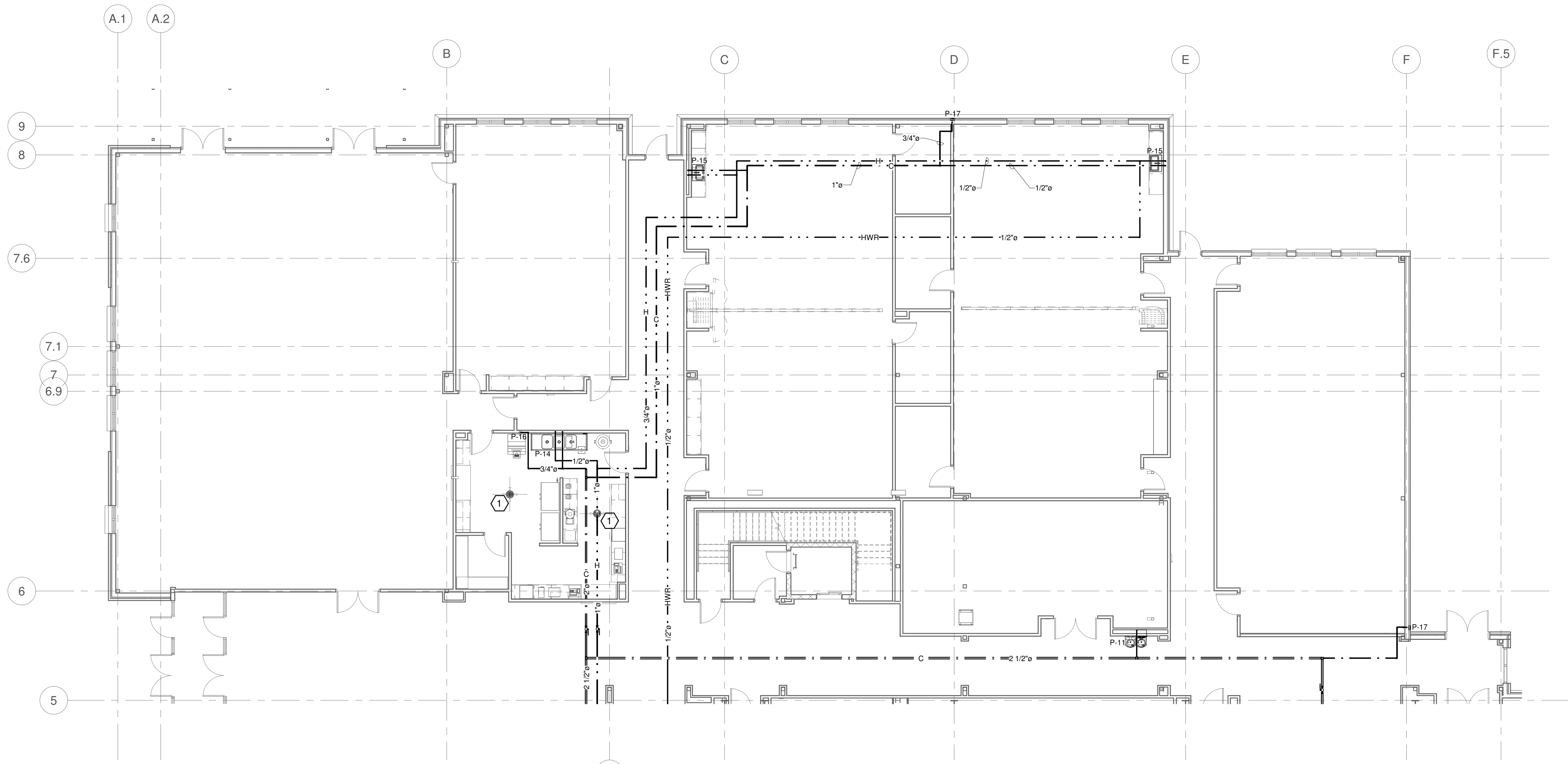
CONSTRUCTION DOCUMENTS

SHEET TITLE

WATER CLASSROOMS FIRST FLOOR PLAN

PROJECT NO.	DATE
22067	06/21/2024
DRAWN BY	SCALE
TMH	As indicated
CHECKED BY	
TMH	
SHEET NO.	

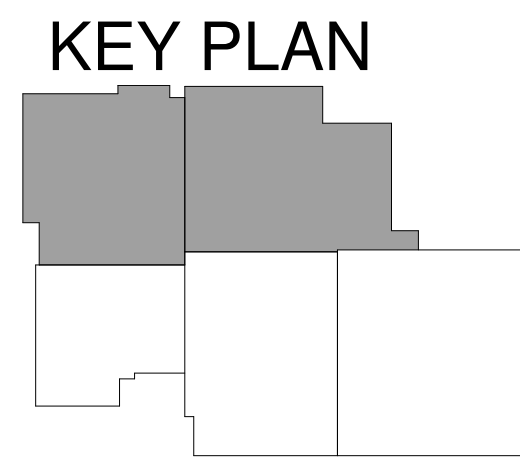
P1.01



1 WATER CLASSROOMS FIRST FLOOR PLAN
1/8" = 1'-0"

PLAN NOTES:
1 ALL FLOOR DRAINS TO HAVE TRAP PRIMER VALVES. (SEE DETAIL 4 ON SHEET P4.00)

GENERAL NOTES:
1 NO HOSE BIBB SHALL BE INSTALLED ON SPLIT FACE BLOCKS AND/OR JOINTS. HOSE BIBB SHALL BE MOUNTED ON SMOOTH FACE OF CMU AT THE HORIZONTAL CENTERLINE OF THE BLOCK, CAULK AROUND THE HOSE BIBB.



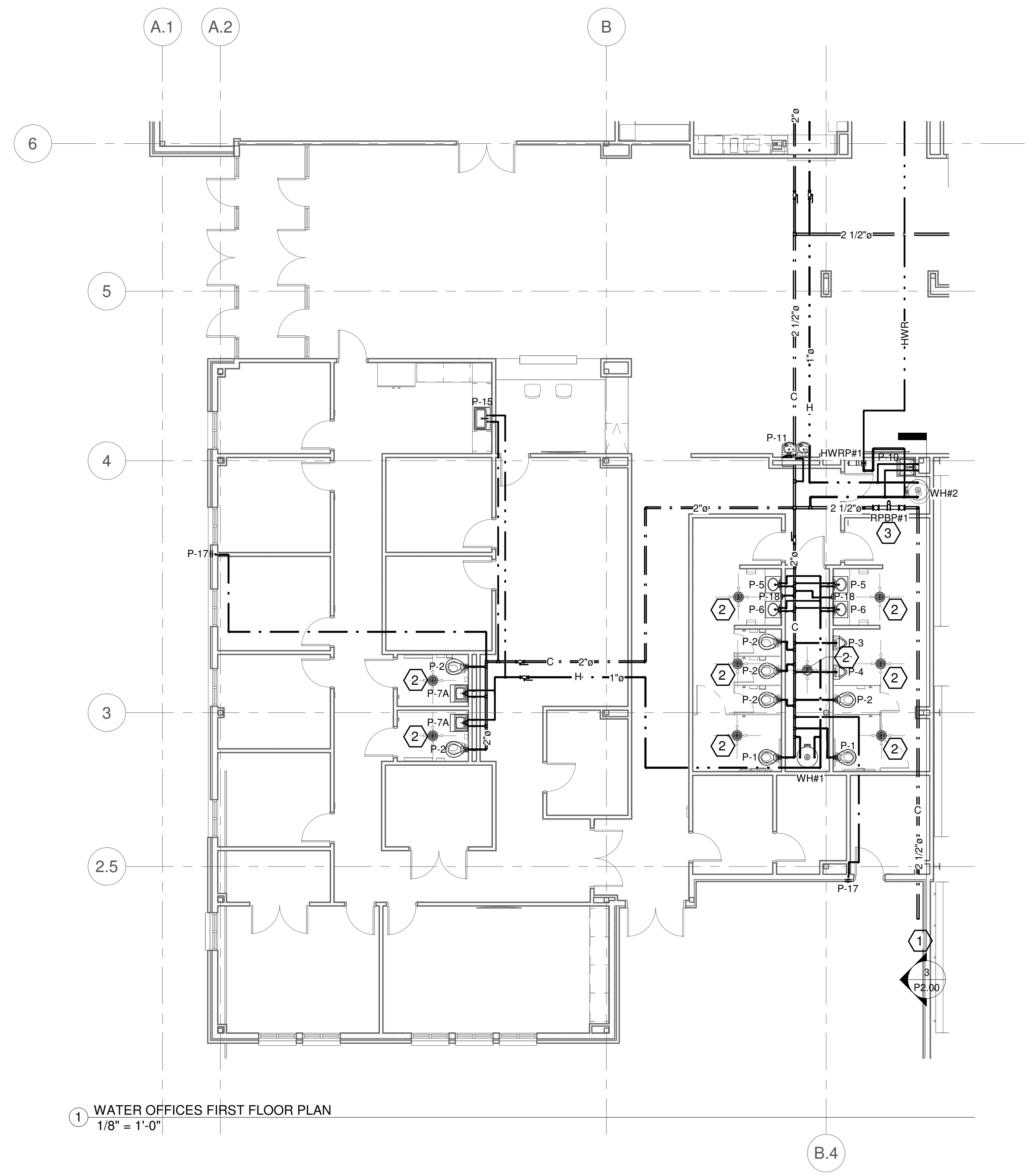
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GEORGIA

FAYETTE MULTIUSE FACILITY

PREPARED FOR:
CITY OF FAYETTE

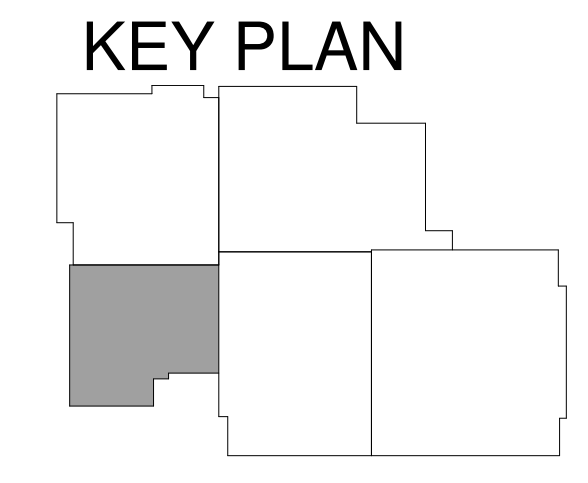
FAYETTE



- PLAN NOTES:**
- 1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
 - 2 ALL FLOOR DRAINS TO HAVE TRAP PRIMER VALVES. (SEE DETAIL 4 ON SHEET P4.00)
 - 3 SEE WATER ENTRY RISER ASSEMBLY DETAIL 1 ON SHEET P4.00.

- GENERAL NOTES:**
- 1 NO HOSE BIBB SHALL BE INSTALLED ON SPLIT FACE BLOCKS AND/OR JOINTS. HOSE BIBB SHALL BE MOUNTED ON SMOOTH FACE OF CMU AT THE HORIZONTAL CENTERLINE OF THE BLOCK, CAULK AROUND THE HOSE BIBB.

1 WATER OFFICES FIRST FLOOR PLAN
1/8" = 1'-0"



SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

**WATER OFFICES
FIRST FLOOR
PLAN**

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
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SHEET NO.	

P1.02

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

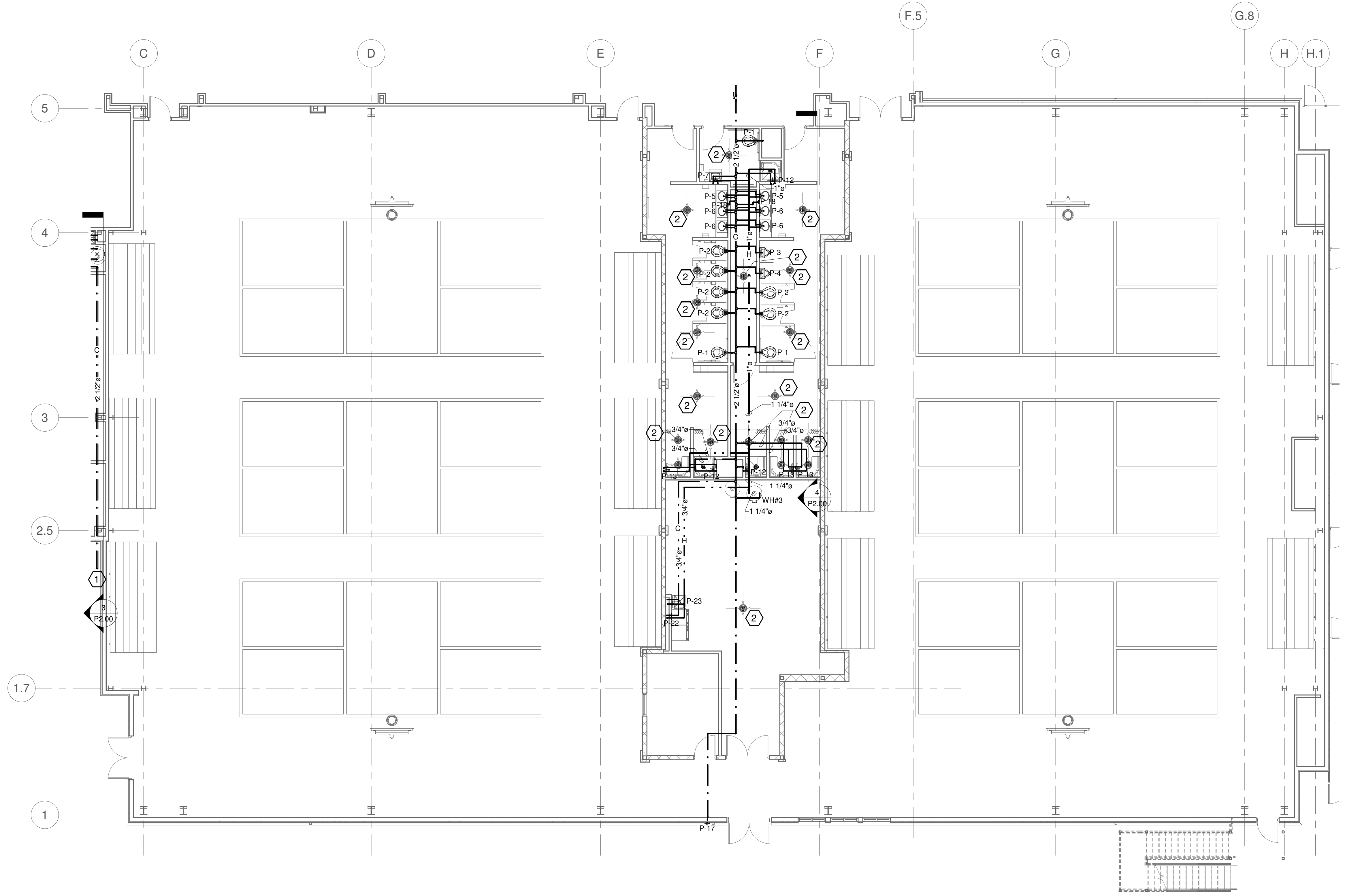
CONSTRUCTION DOCUMENTS

SHEET TITLE

**WATER GYM
FIRST FLOOR
PLAN**

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	

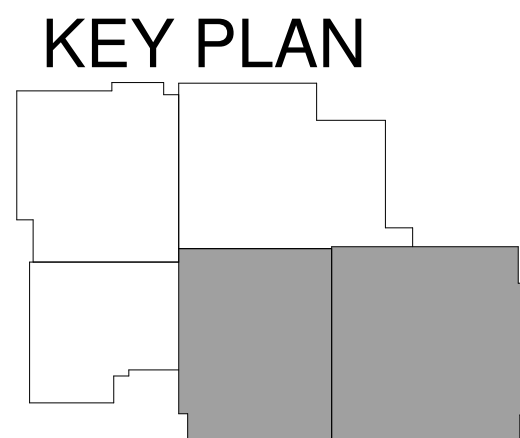
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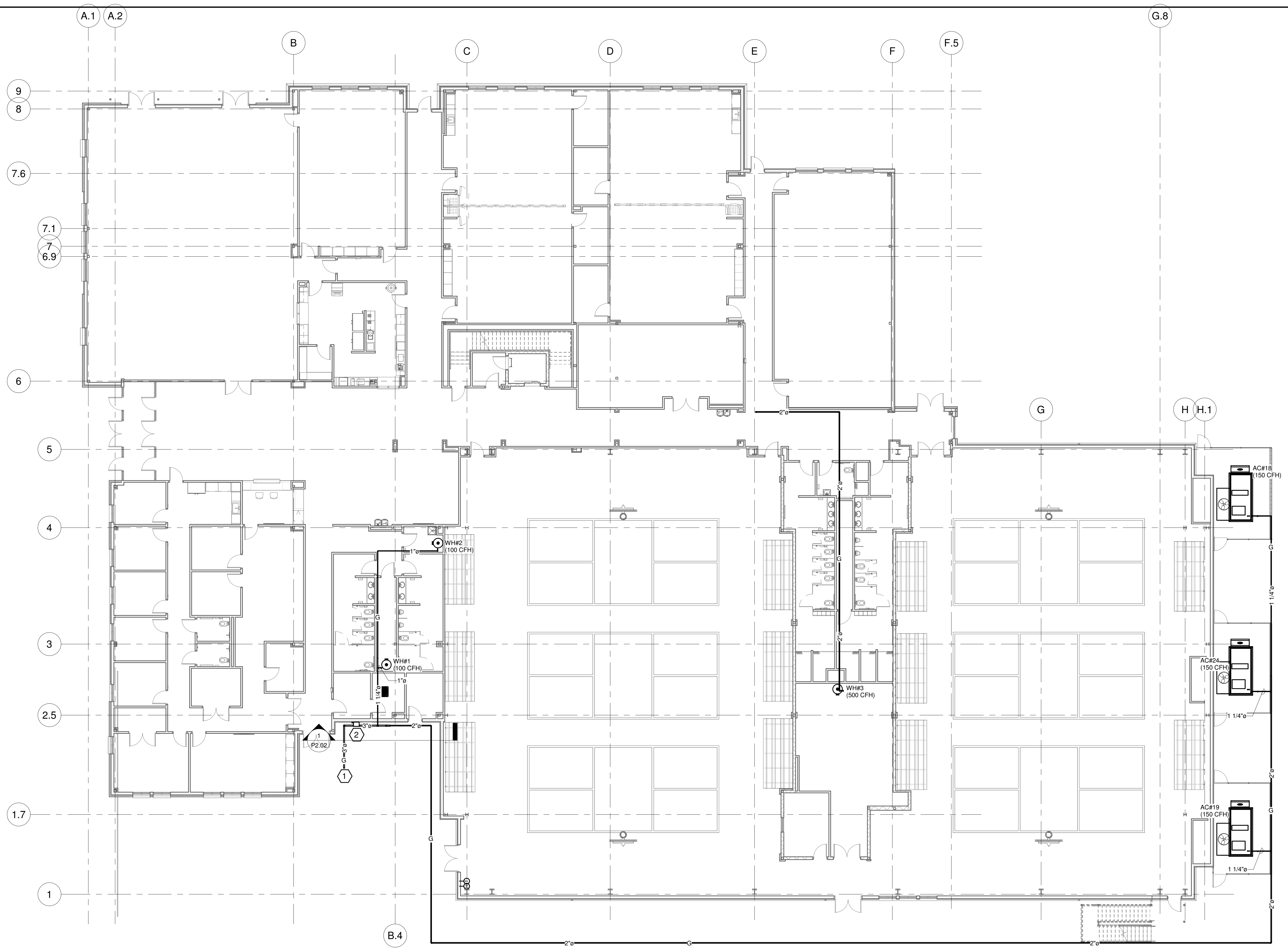
- PLAN NOTES:**
- 1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
 - 2 ALL FLOOR DRAINS TO HAVE TRAP PRIMER VALVES. (SEE DETAIL 4 ON SHEET P4.00)

- GENERAL NOTES:**
- 1 NO HOSE BIBB SHALL BE INSTALLED ON SPLIT FACE BLOCKS AND/OR JOINTS. HOSE BIBB SHALL BE MOUNTED ON SMOOTH FACE OF CMU AT THE HORIZONTAL CENTERLINE OF THE BLOCK. CAULK AROUND THE HOSE BIBB.

1 WATER GYM FIRST FLOOR PLAN
1/8" = 1'-0"

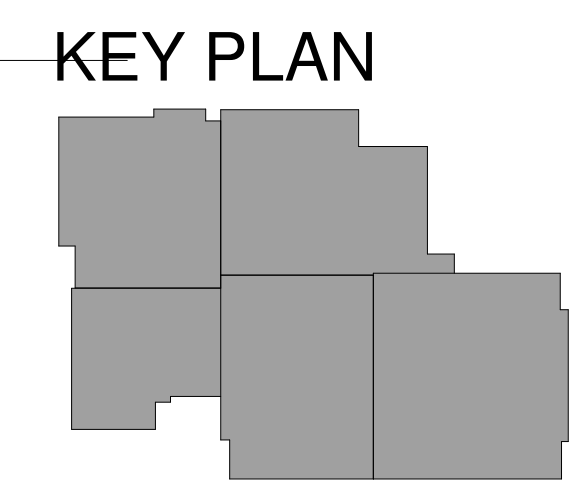


NO	DATE	DESCRIPTION



1 GAS OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"

- PLAN NOTES:
- REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
 - PROVIDE NEW GAS METER SIZED FOR 2948 CFH @ 8" W.C.



SUBMITTALS / REVISIONS	
NO.	DESCRIPTION

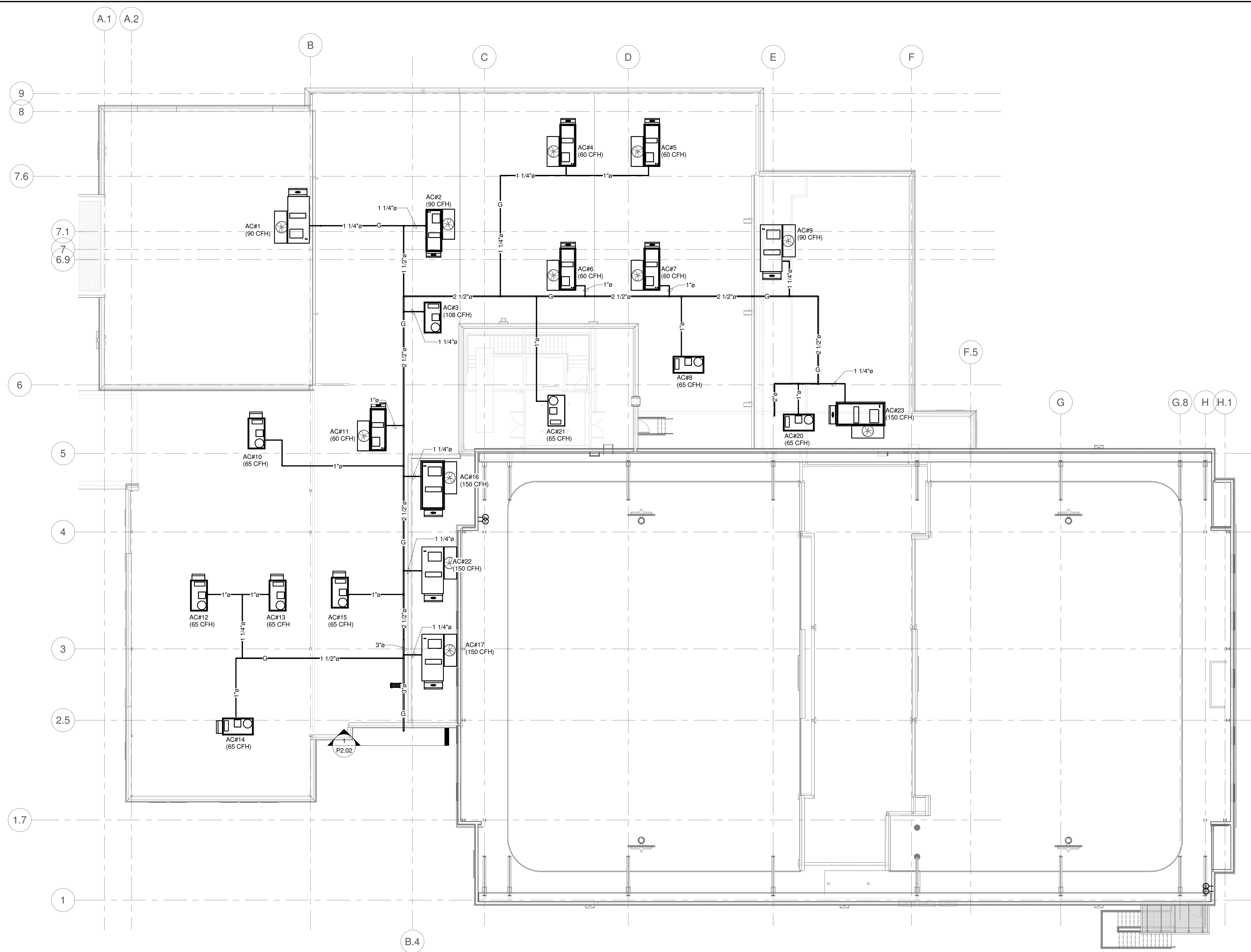
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SHEET TITLE

GAS OVERALL SECOND FLOOR PLAN

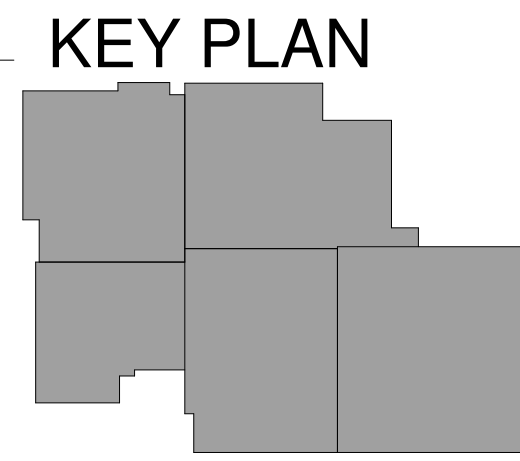
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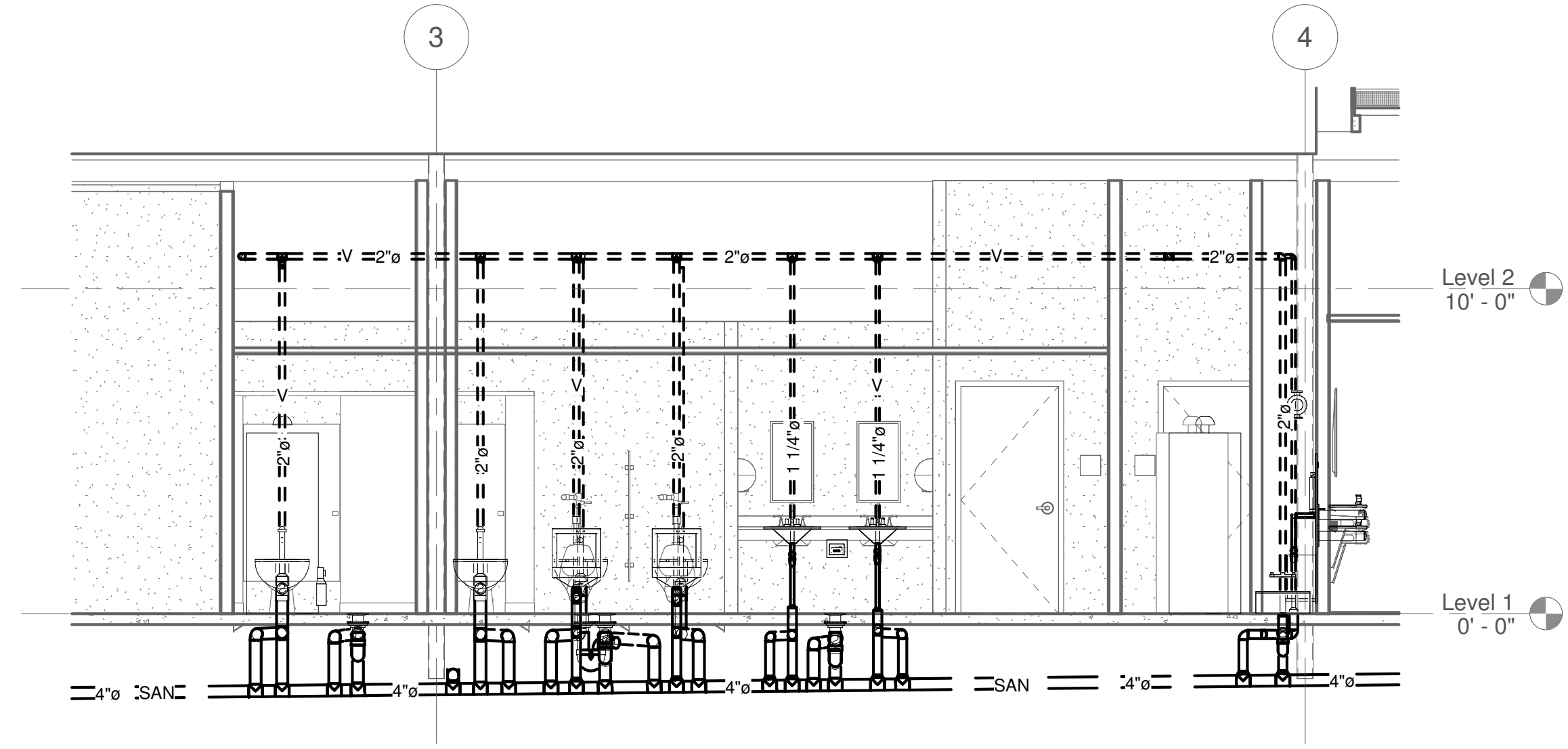
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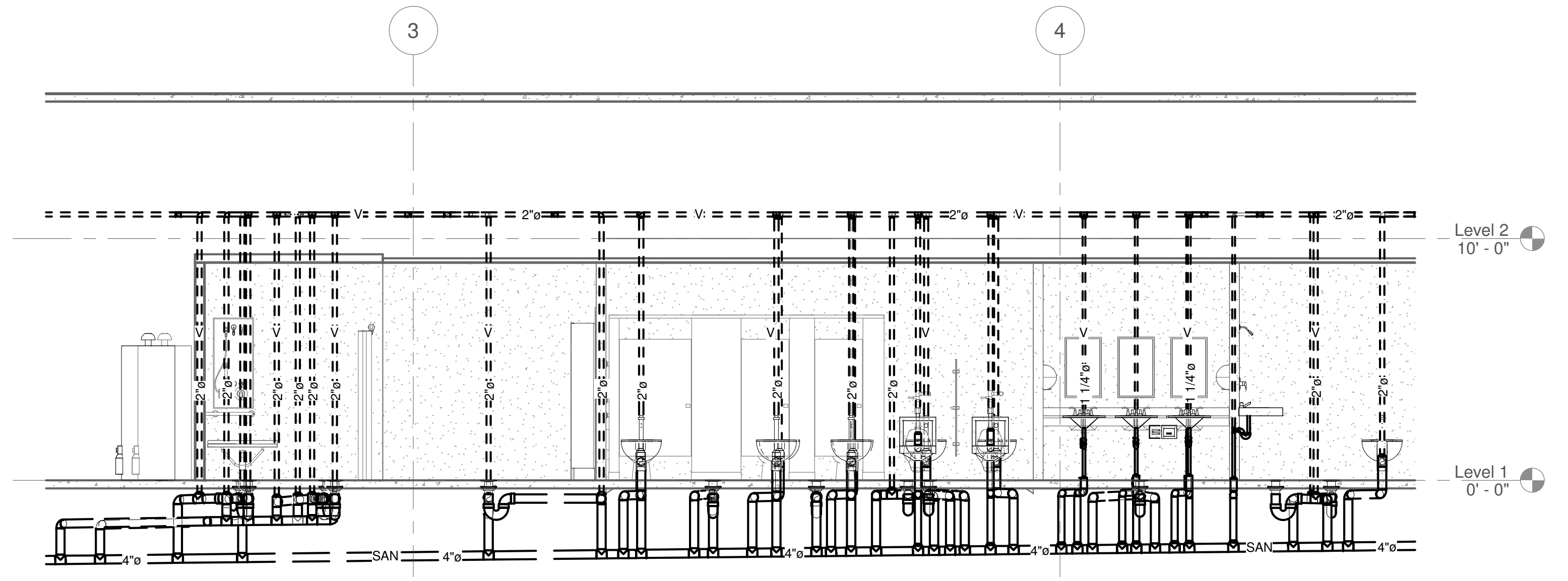
① GAS OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"

PLAN NOTES:

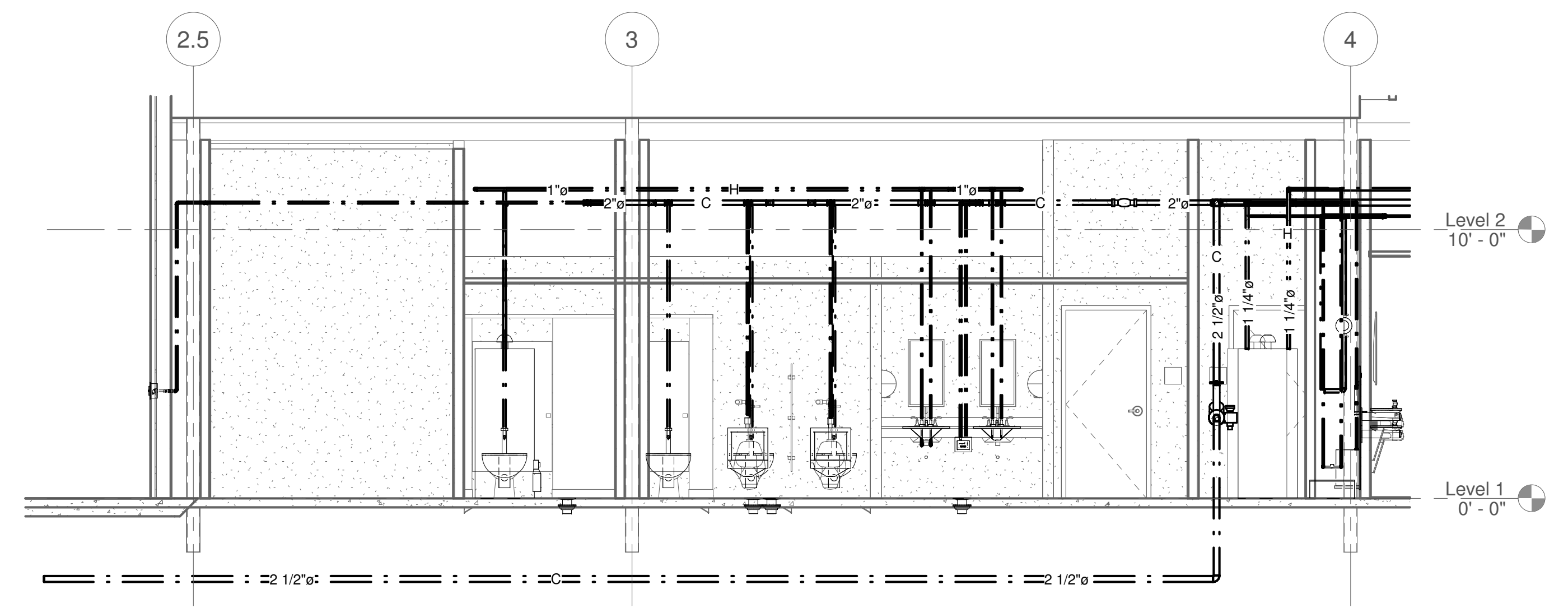




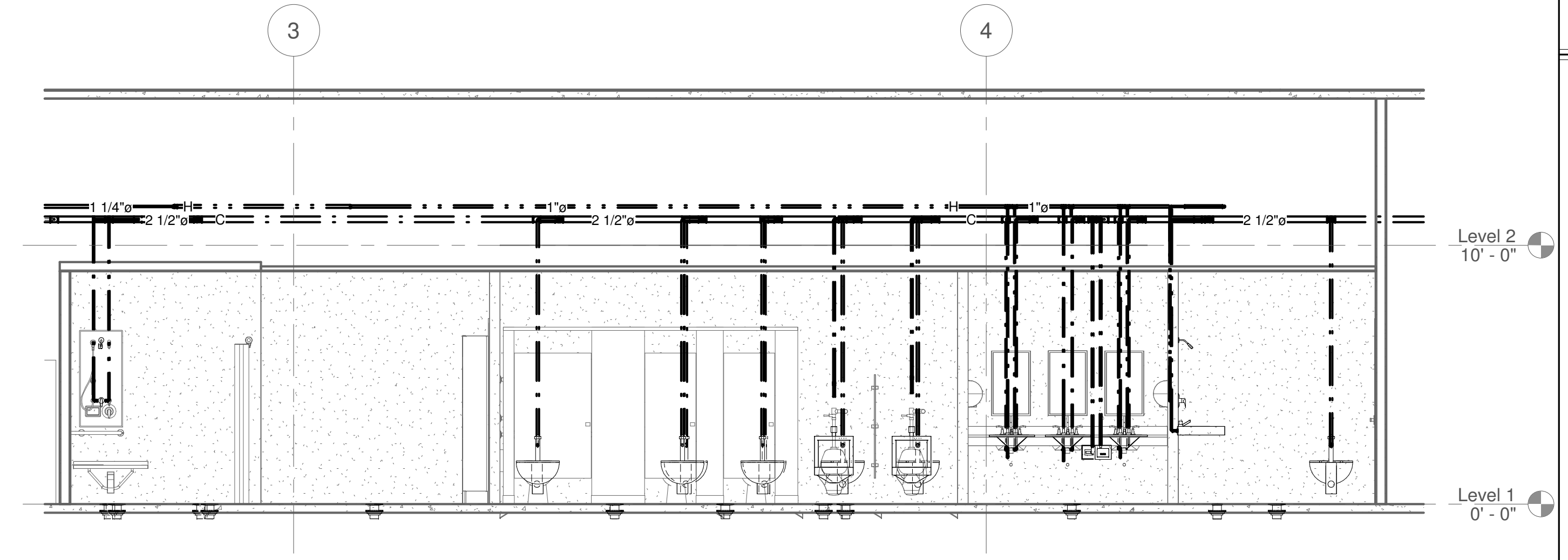
① WASTE & VENT SECTION 1
1/4" = 1'-0"



② WASTE & VENT SECTION 2
1/4" = 1'-0"



③ WATER SECTION 1
1/4" = 1'-0"



④ WATER SECTION 2
1/4" = 1'-0"

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

PLUMBING SECTIONS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	

P2.00

SUBMITTALS / REVISIONS

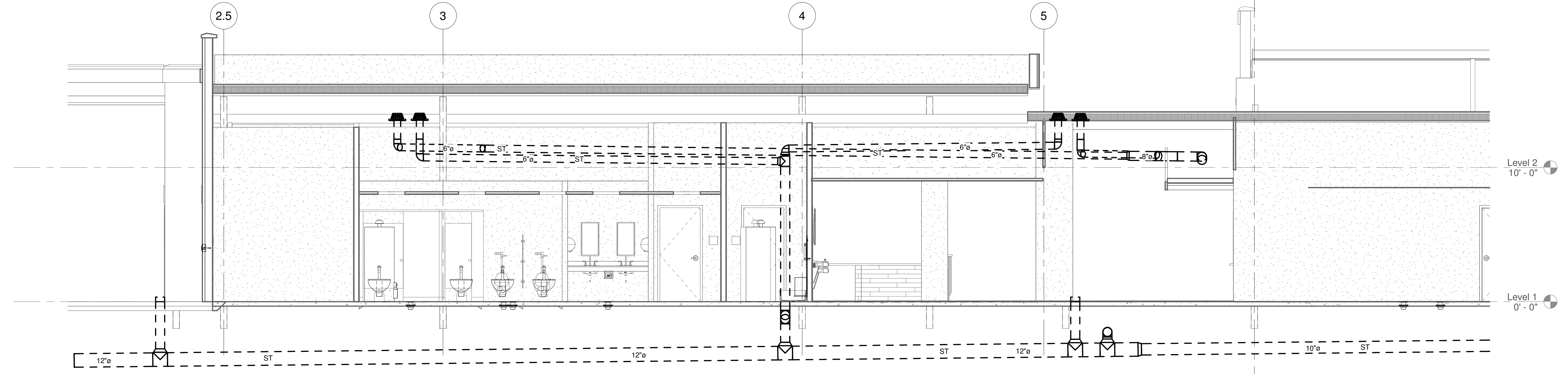
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CONSTRUCTION DOCUMENTS

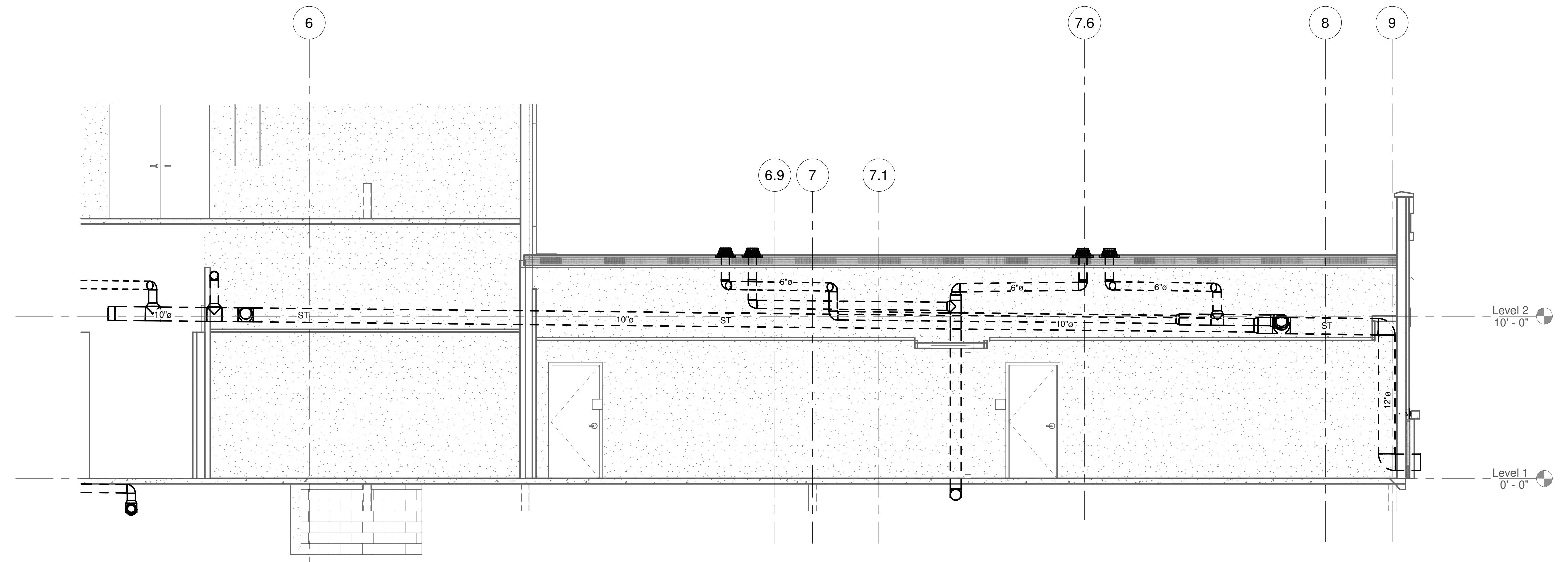
SHEET TITLE

PLUMBING SECTIONS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	



① STORM SECTION 1
1/4" = 1'-0"



② STORM SECTION 2
1/4" = 1'-0"

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

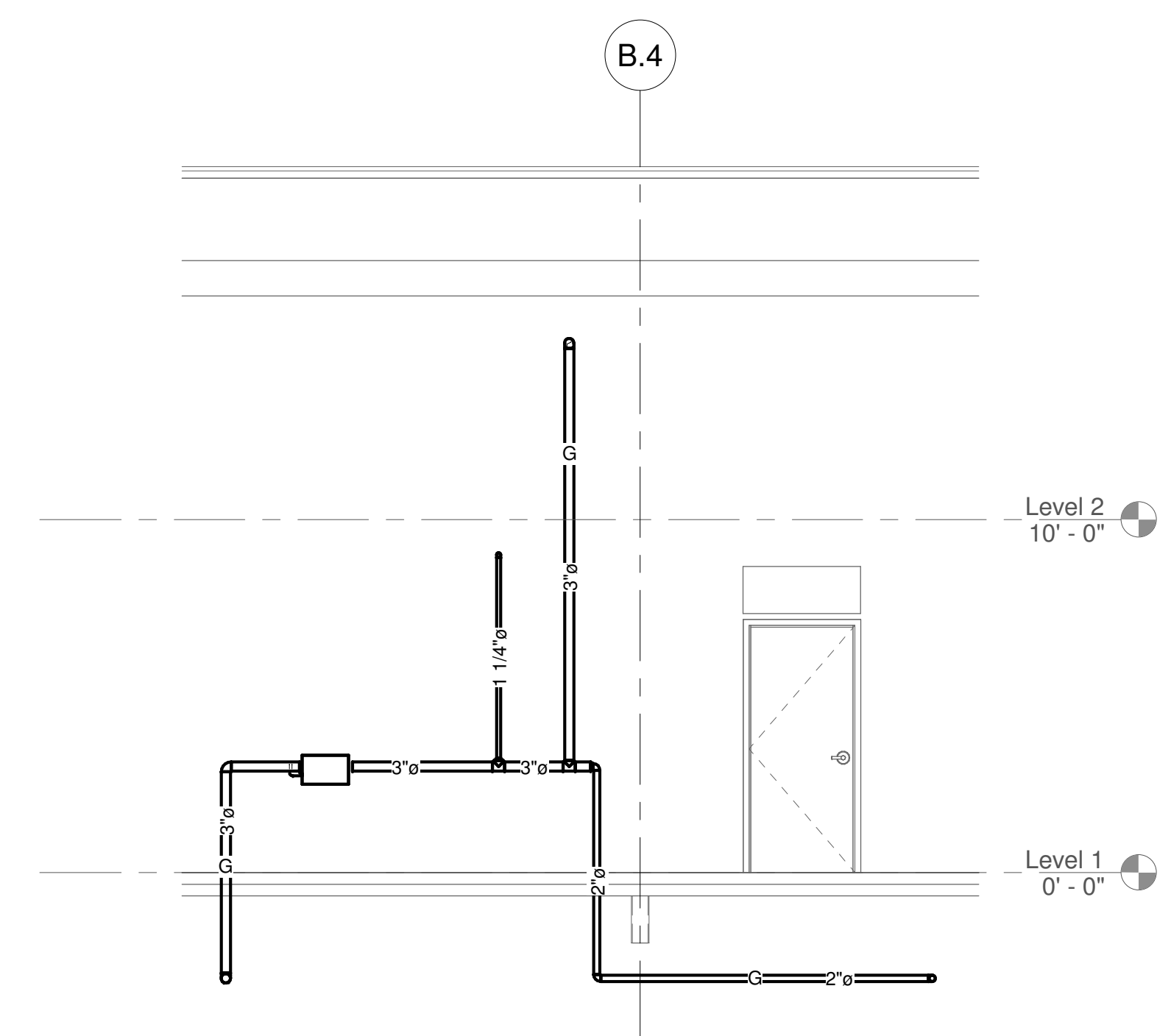
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SHEET TITLE

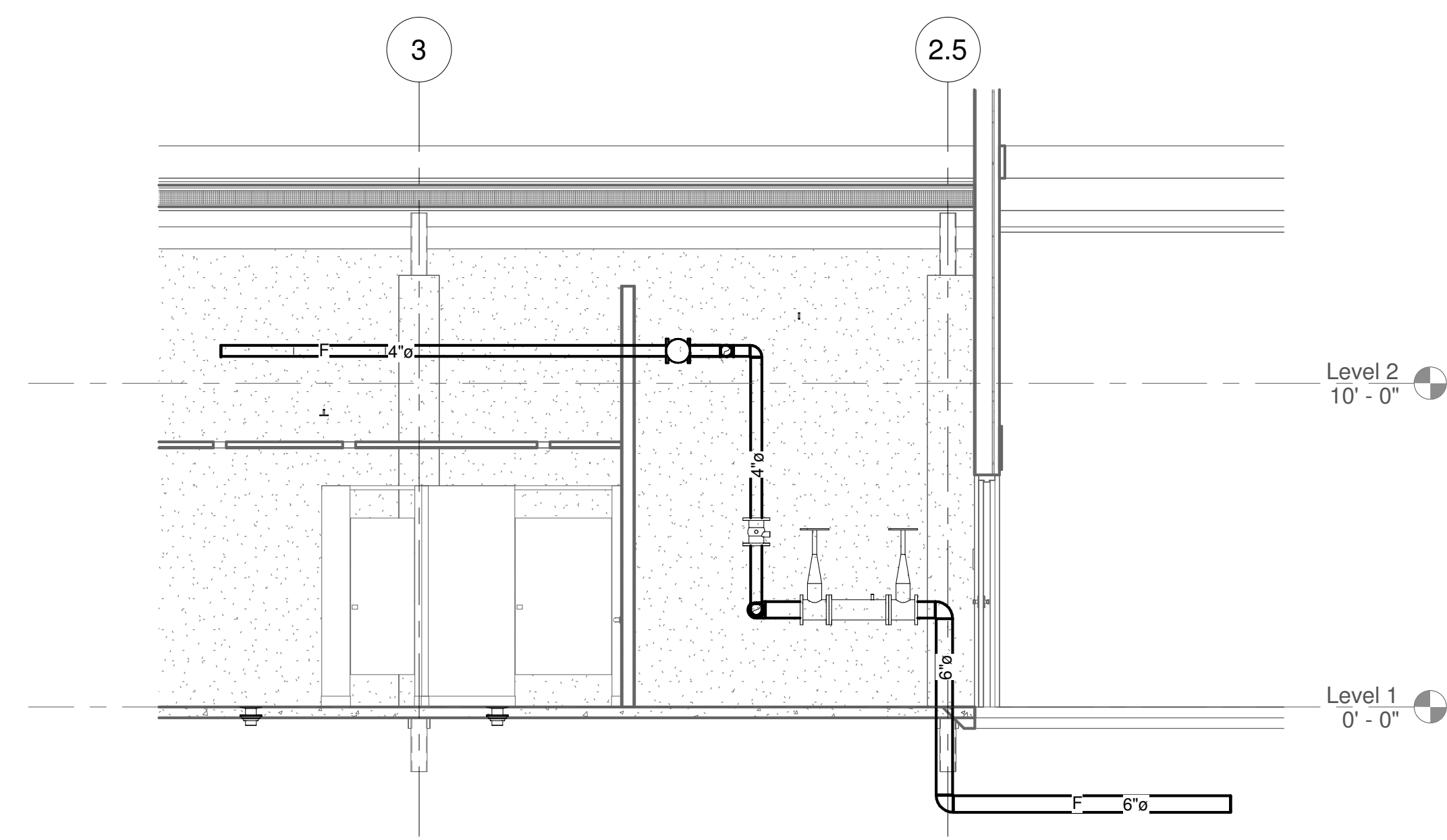
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PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE 1/4" = 1'-0"
CHECKED BY TMH	
SHEET NO.	

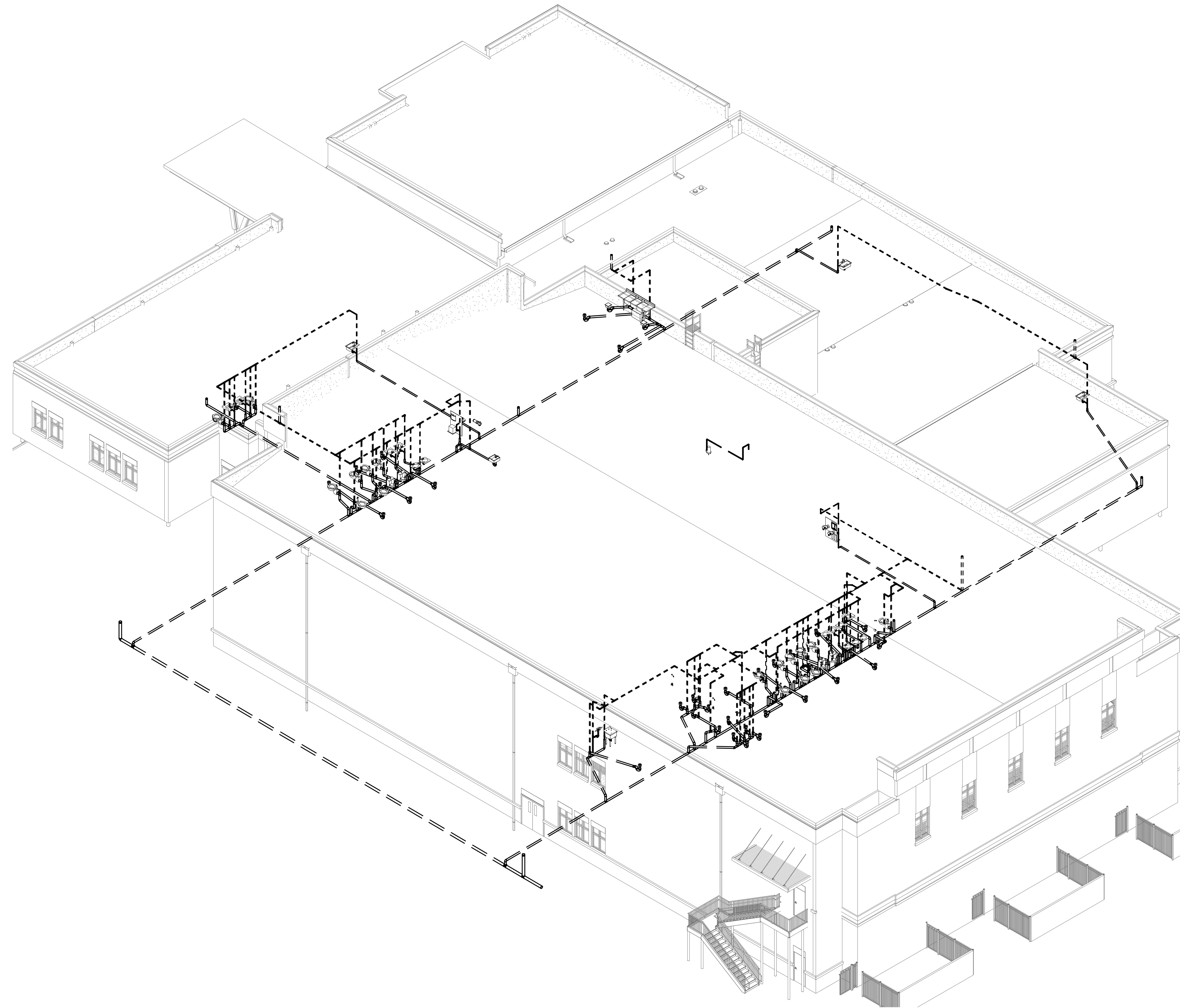
P2.02



① GAS SECTION 1
1/4" = 1'-0"



② SPRINKLER SECTION 1
1/4" = 1'-0"



① WASTE & VENT 3D FLOOR PLAN

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

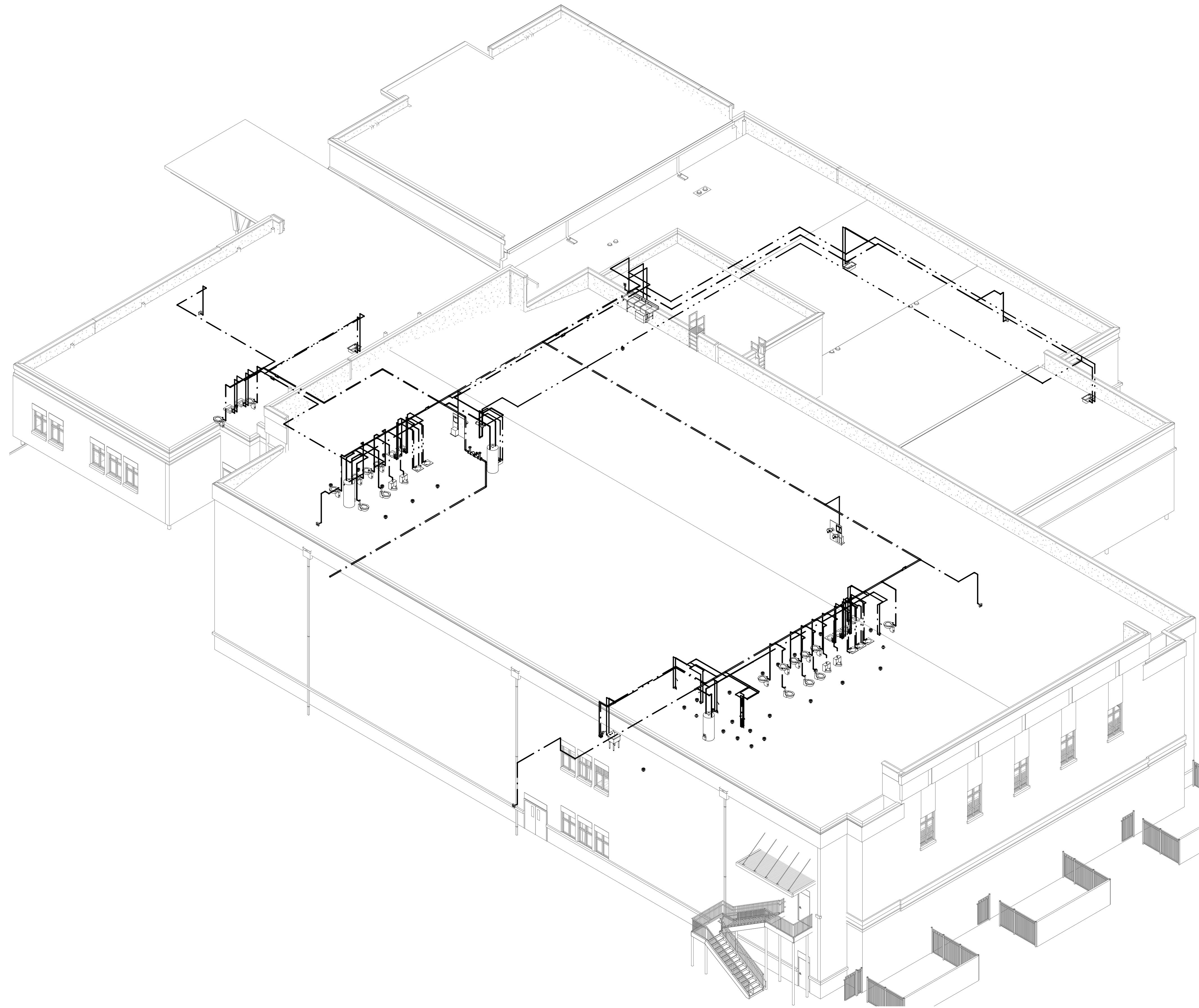
CONSTRUCTION DOCUMENTS

SHEET TITLE

**WASTE & VENT
3D FLOOR PLAN**

PROJECT NO. 22067 DATE 06/21/2024
DRAWN BY TMH SCALE
CHECKED BY TMH
SHEET NO.

P3.00



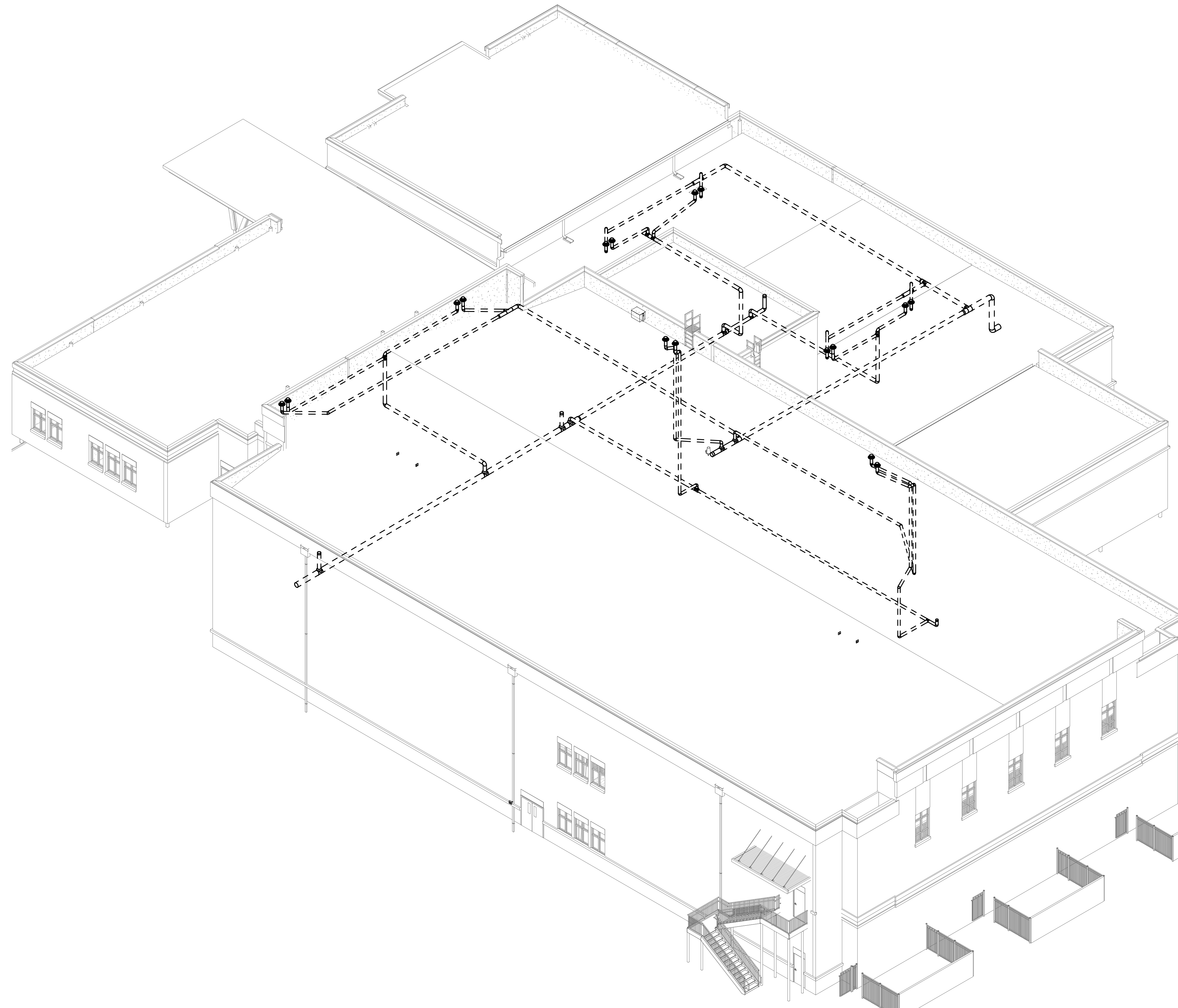
1 WATER 3D FLOOR PLAN

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
WATER 3D FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	



1 STORM 3D FLOOR PLAN

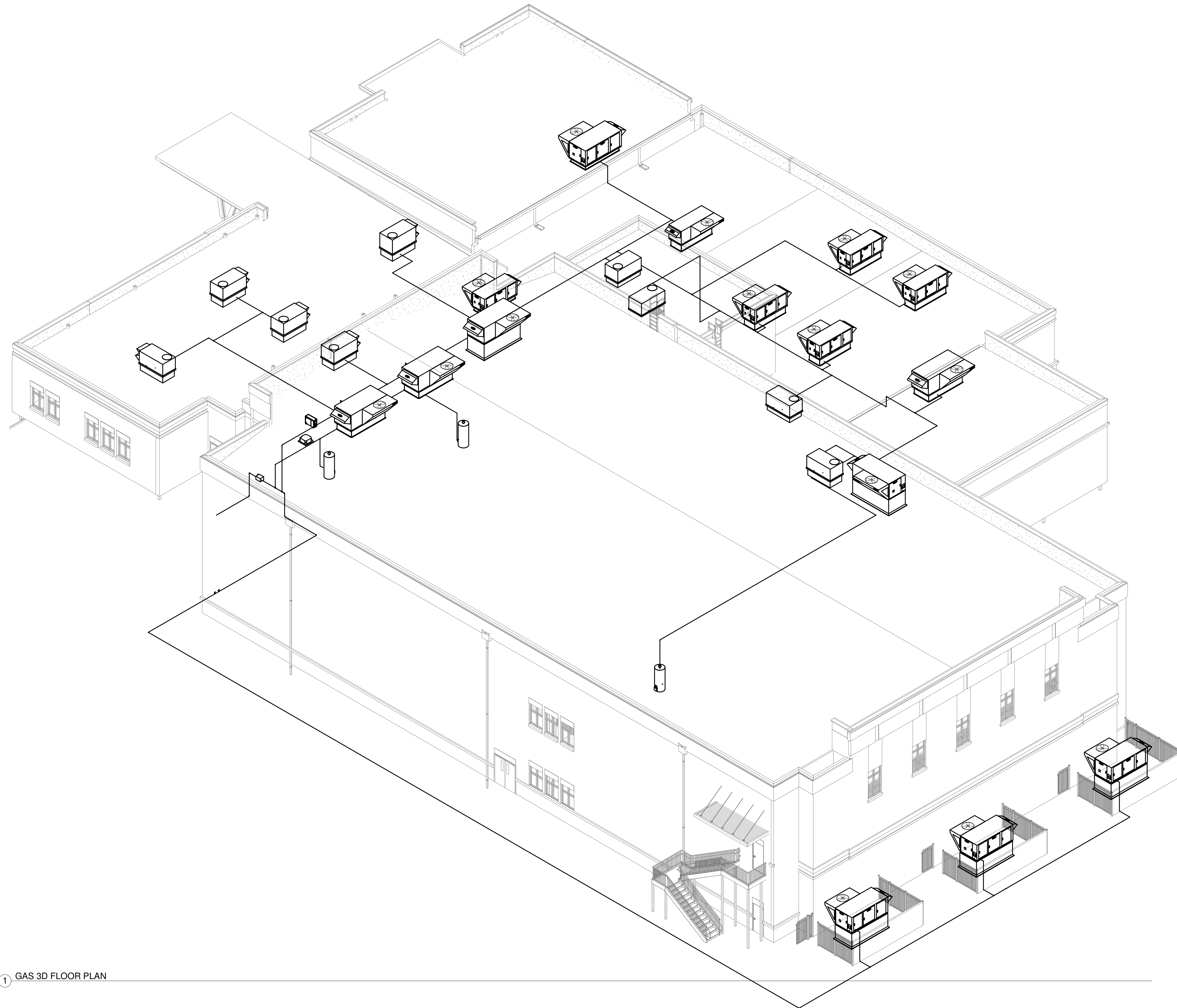
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

STORM 3D FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	



① GAS 3D FLOOR PLAN

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

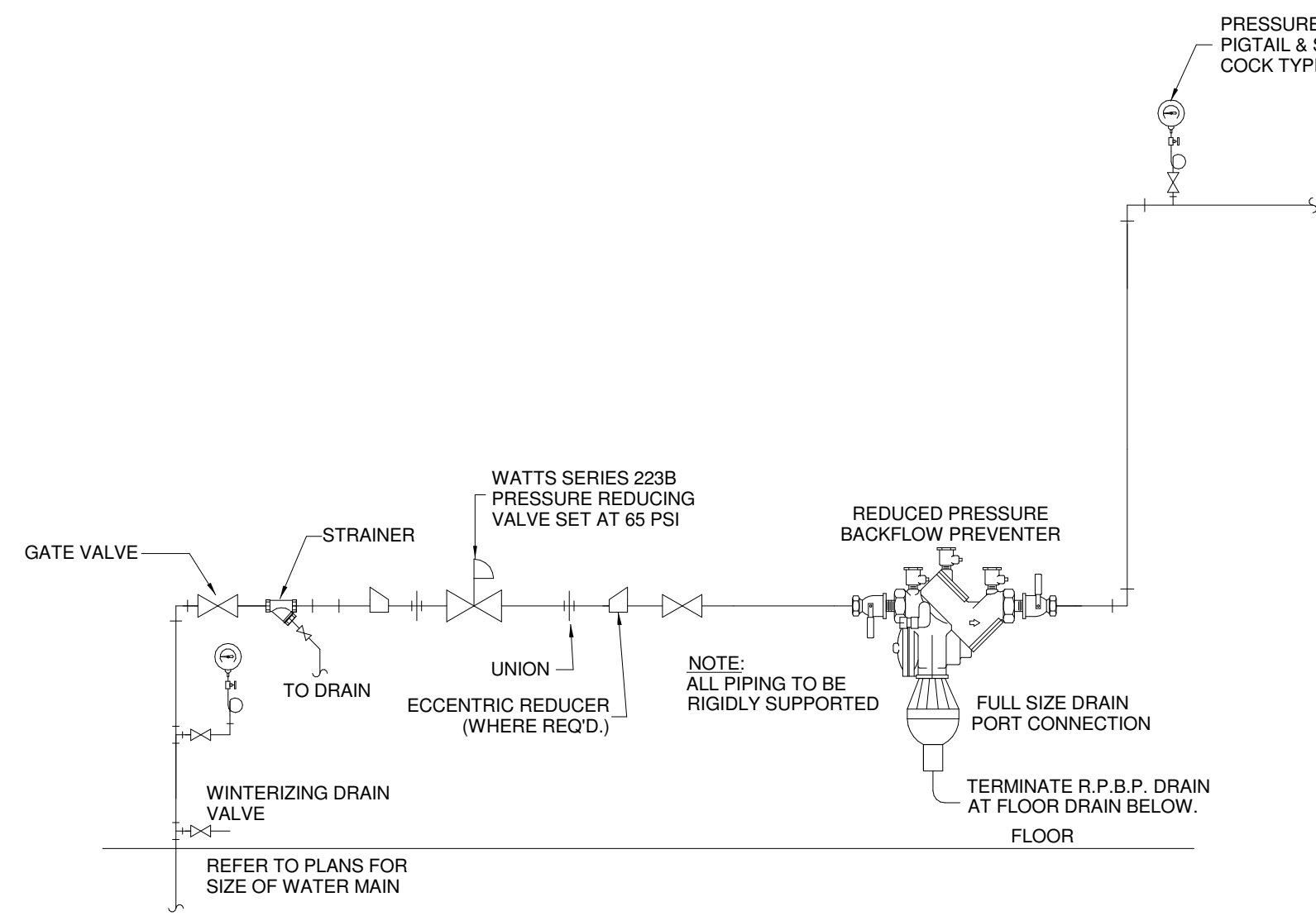
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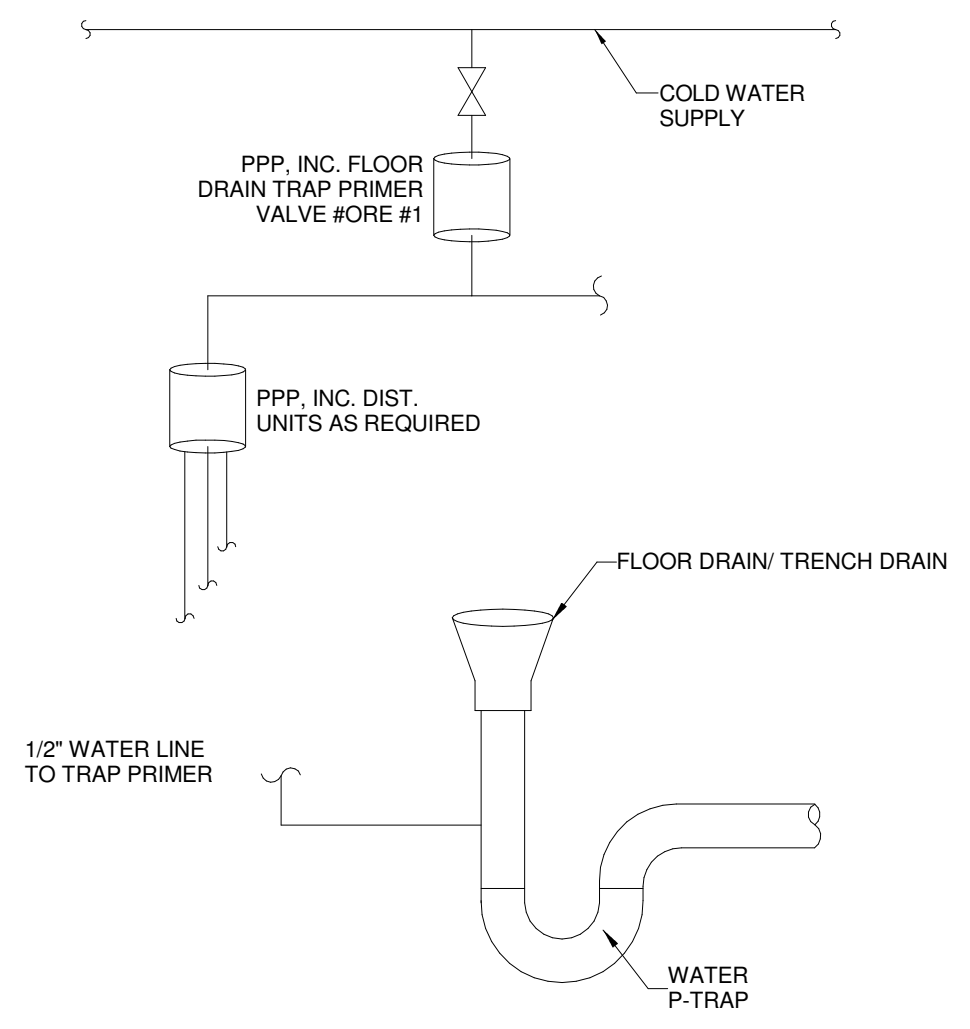
GAS 3D FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

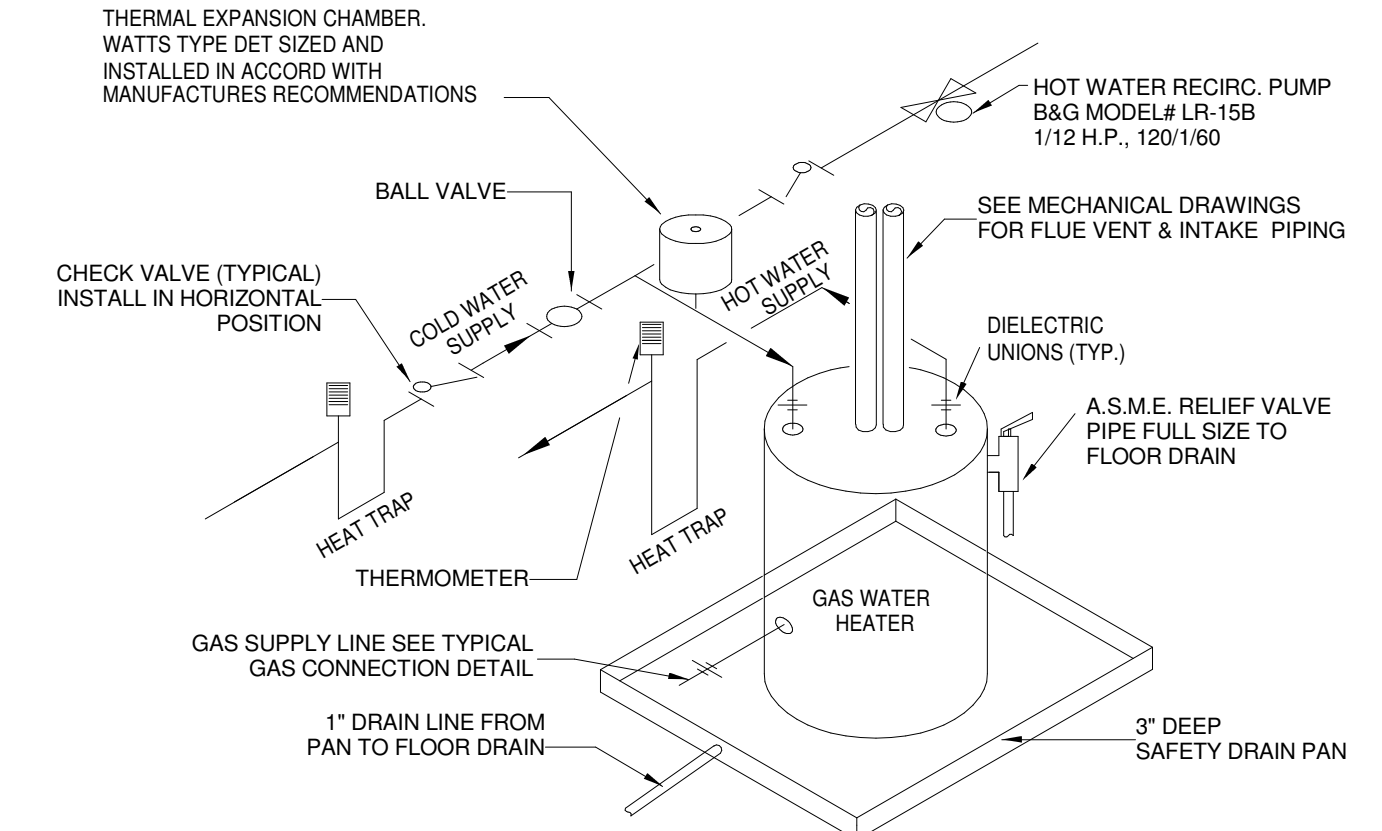
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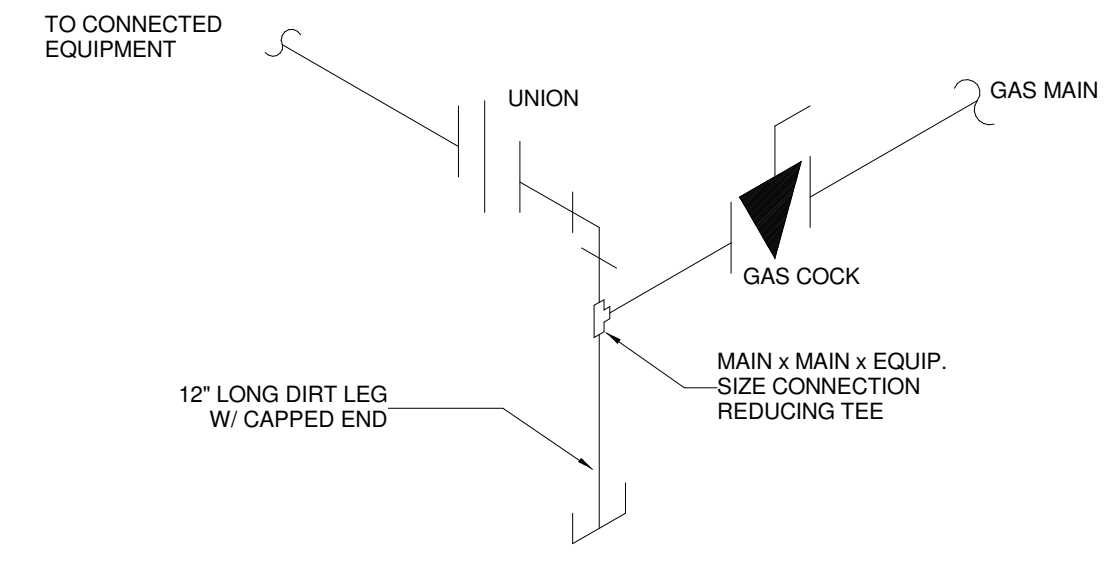
1 WATER ENTRY RISER ASSEMBLY DETAIL
P4.00 NOT TO SCALE



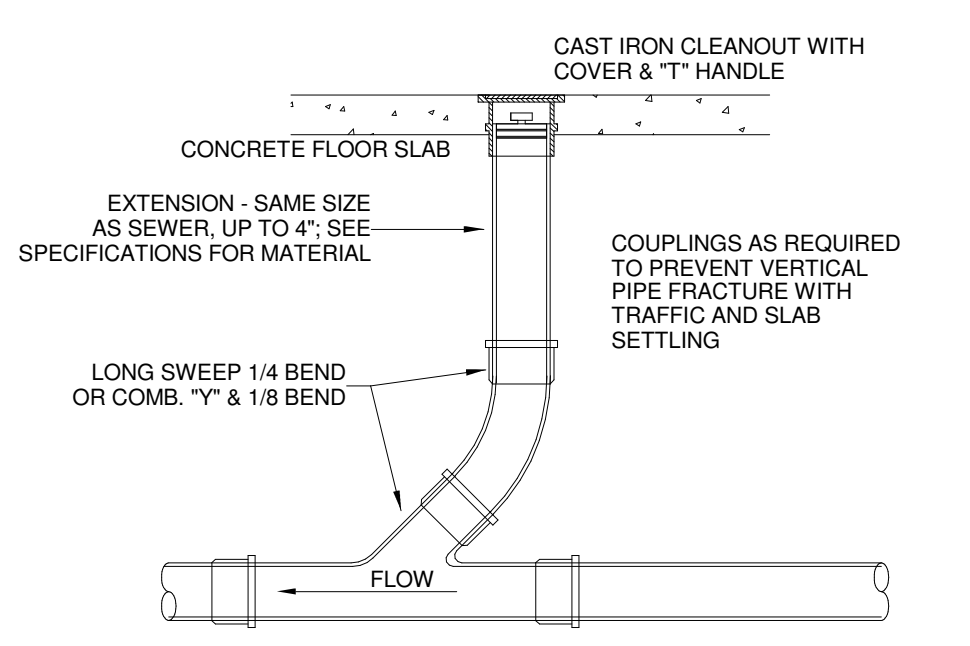
4 TRAP PRIMER/FLOOR DRAIN/TRENCH DRAIN DETAIL (TPV)
P4.00 NOT TO SCALE



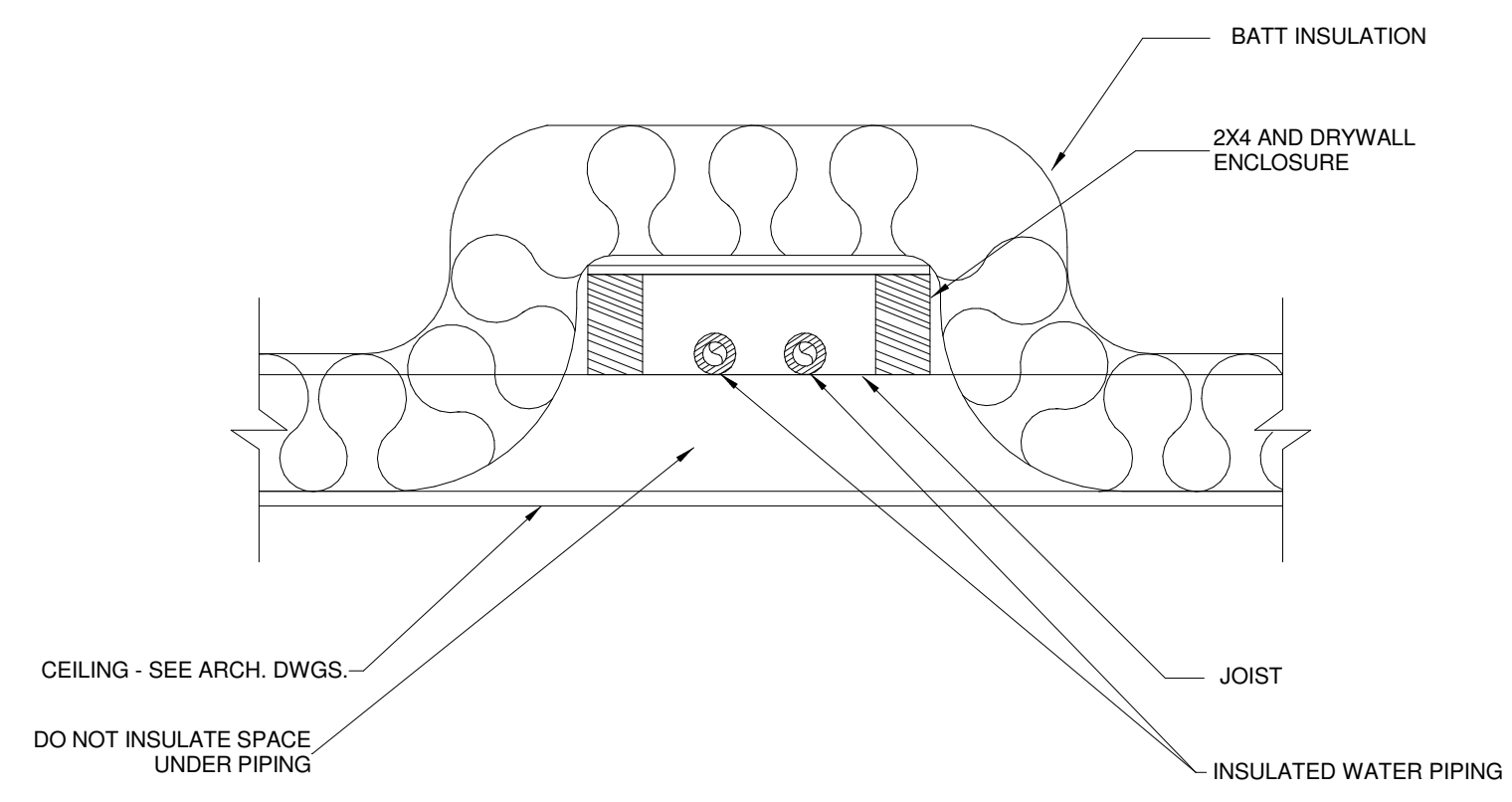
7 GAS WATER HEATER DETAIL
P4.00 NOT TO SCALE



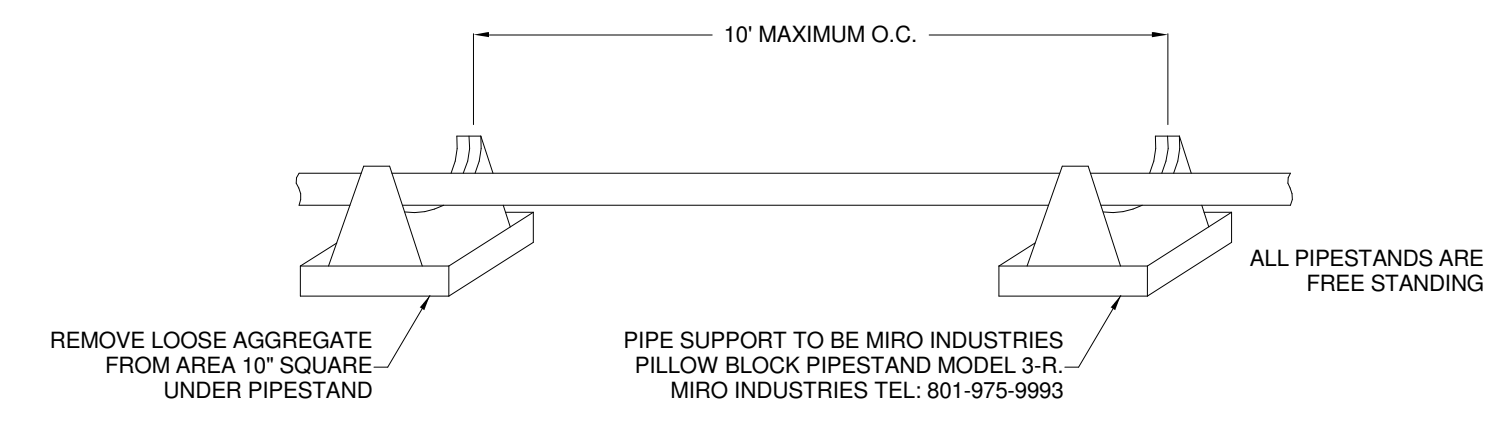
10 GAS CONNECTION DETAIL
P4.00 NOT TO SCALE



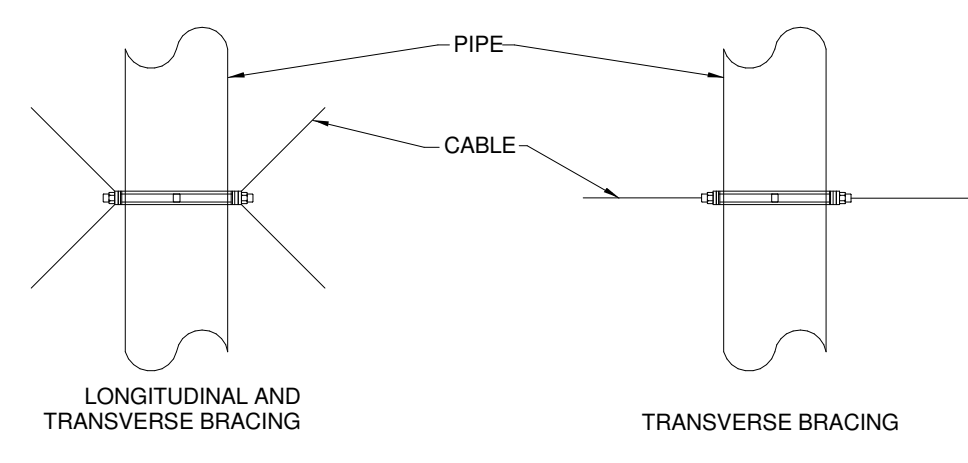
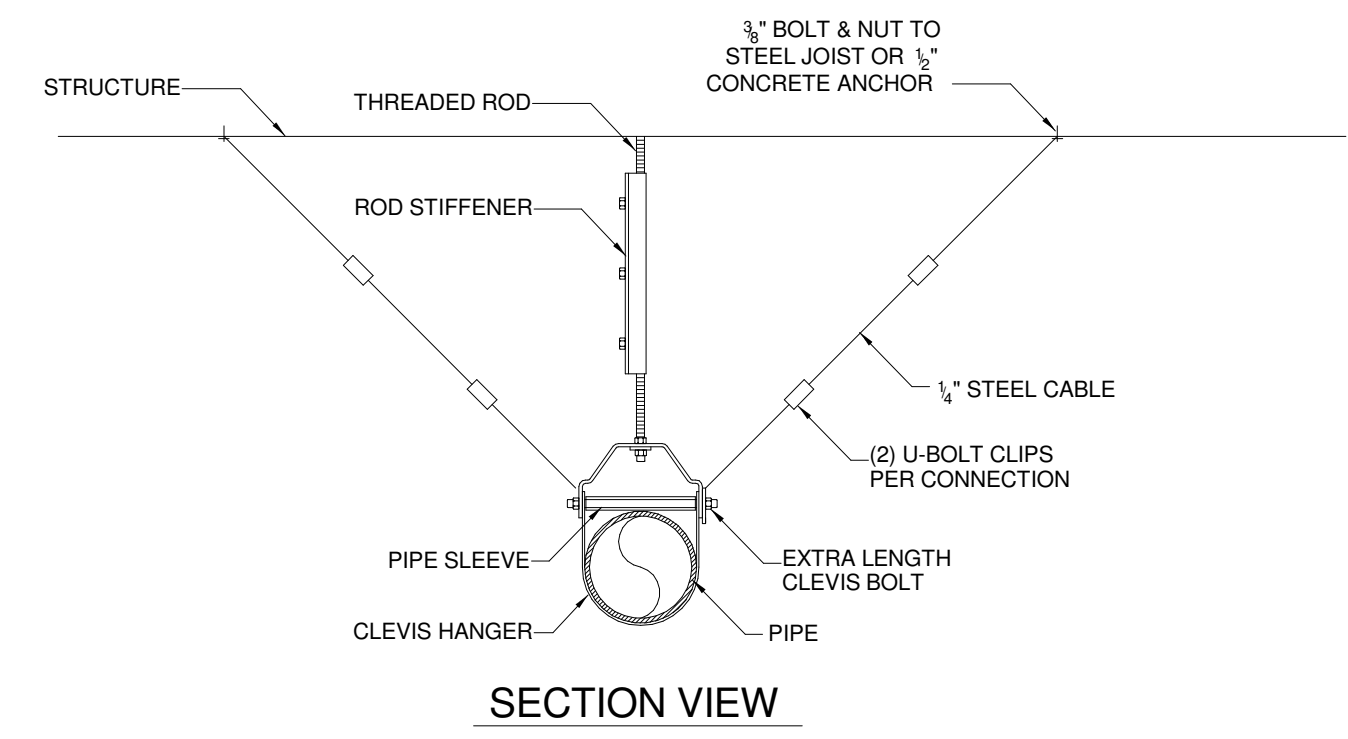
2 EXTERIOR (E.C.O.)/INTERIOR (C.O.) CLEANOUT DETAIL
P4.00 NOT TO SCALE



5 WATER PIPING INSTALLED IN ATTIC
P4.00 NOT TO SCALE



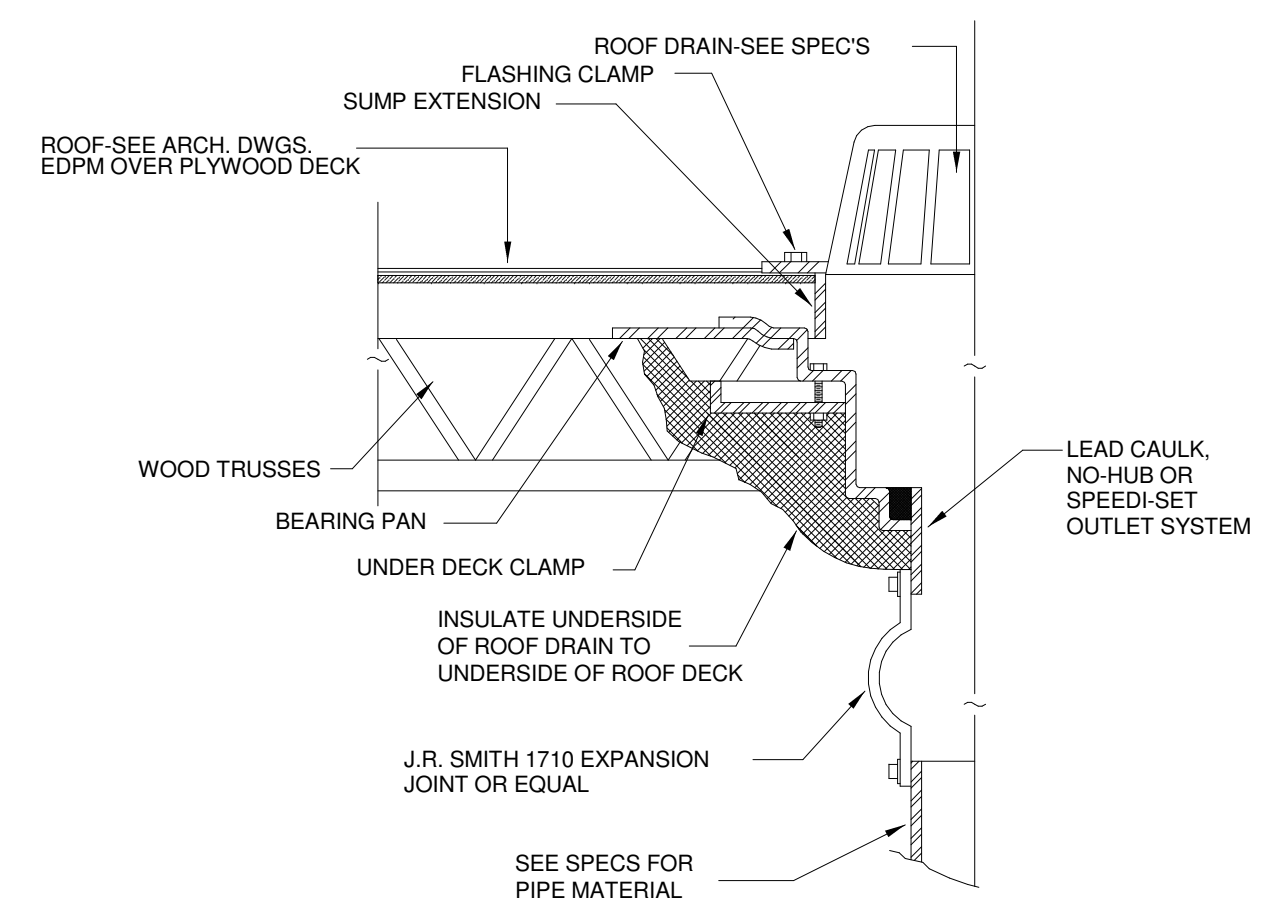
8 ROOF GAS PIPING SUPPORT
P4.00 NOT TO SCALE



3 SEISMIC PIPE RESTRAINTS DETAIL
P4.00 NOT TO SCALE

- 1. PROVIDE SEISMIC RESTRAINTS ON ALL FLEXIBLY MOUNTED PIPING EXCEPT AS FOLLOWS:**
- A. PIPING (OTHER THAN GAS) IN BOILER & MECHANICAL ROOMS LESS THAN 1" INSIDE DIAMETER.
 - B. ALL OTHER PIPING (EXCEPT GAS) LESS THAN 2 1/2" INSIDE DIAMETER.
 - C. ALL PIPING (OTHER THAN GAS) SUSPENDED BY INDIVIDUAL HANGERS 12" OR LESS LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.
- 2. SEISMIC RESTRAINTS ARE SIZED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE 2012, FOR GROUP 2 HAZARD EXPOSURE AND IN ACCORDANCE WITH THE SMACNA SEISMIC RESTRAINT MANUAL, FOR SEISMIC HAZARD LEVEL "C". OTHER METHODS OF RESTRAINT IN ACCORDANCE WITH THE SEISMIC RESTRAINT MANUAL ARE ACCEPTABLE.**
- 3. TRANSVERSE BRACING ON PIPING SHALL BE AT 40' MAX. LONGITUDINAL BRACING ON PIPING SHALL BE 80' MAX. SEE SEISMIC MANUAL FOR FURTHER SPECIFIC LIMITATIONS ON BRACING.**
- 4. SEE "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS" FOR DETAILS OF ANCHORS TO STRUCTURE.**

6 SEISMIC RESTRAINT NOTES
P4.00 NOT TO SCALE



9 ROOF DRAIN DETAIL
P4.00 NOT TO SCALE

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

PLUMBING DETAILS

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

P4.00

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NASHVILLE, TENNESSEE
HARMSENGINEERING.NET

FAYETTE MULTIUSE FACILITY

GEORGIA

PREPARED FOR:
CITY OF FAYETTE

FAYETTE

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

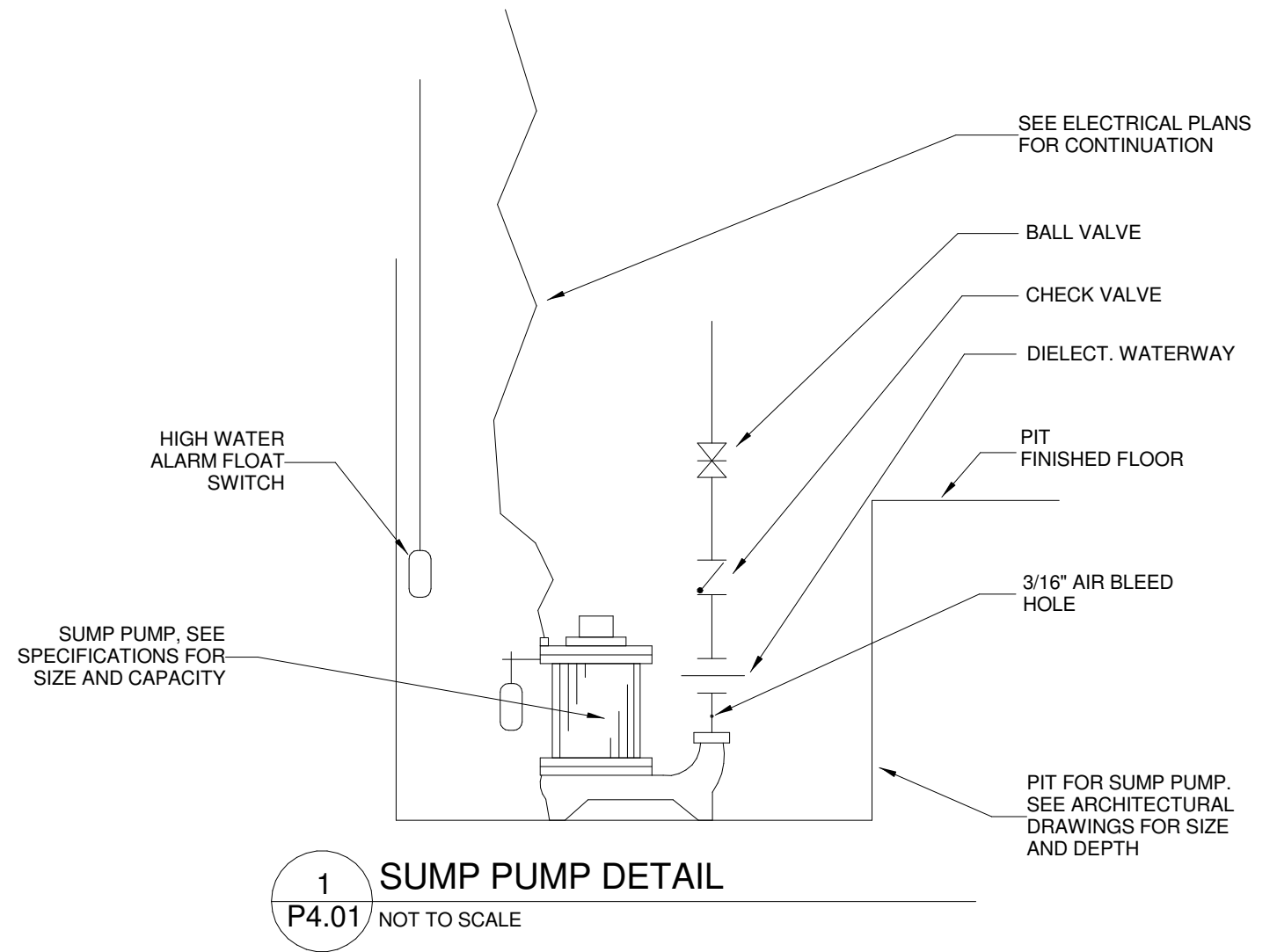
CONSTRUCTION DOCUMENTS

SHEET TITLE

**PLUMBING
DETAILS**

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE
CHECKED BY TMH	
SHEET NO.	

P4.01



SUBMITTALS / REVISIONS	
NO	DESCRIPTION

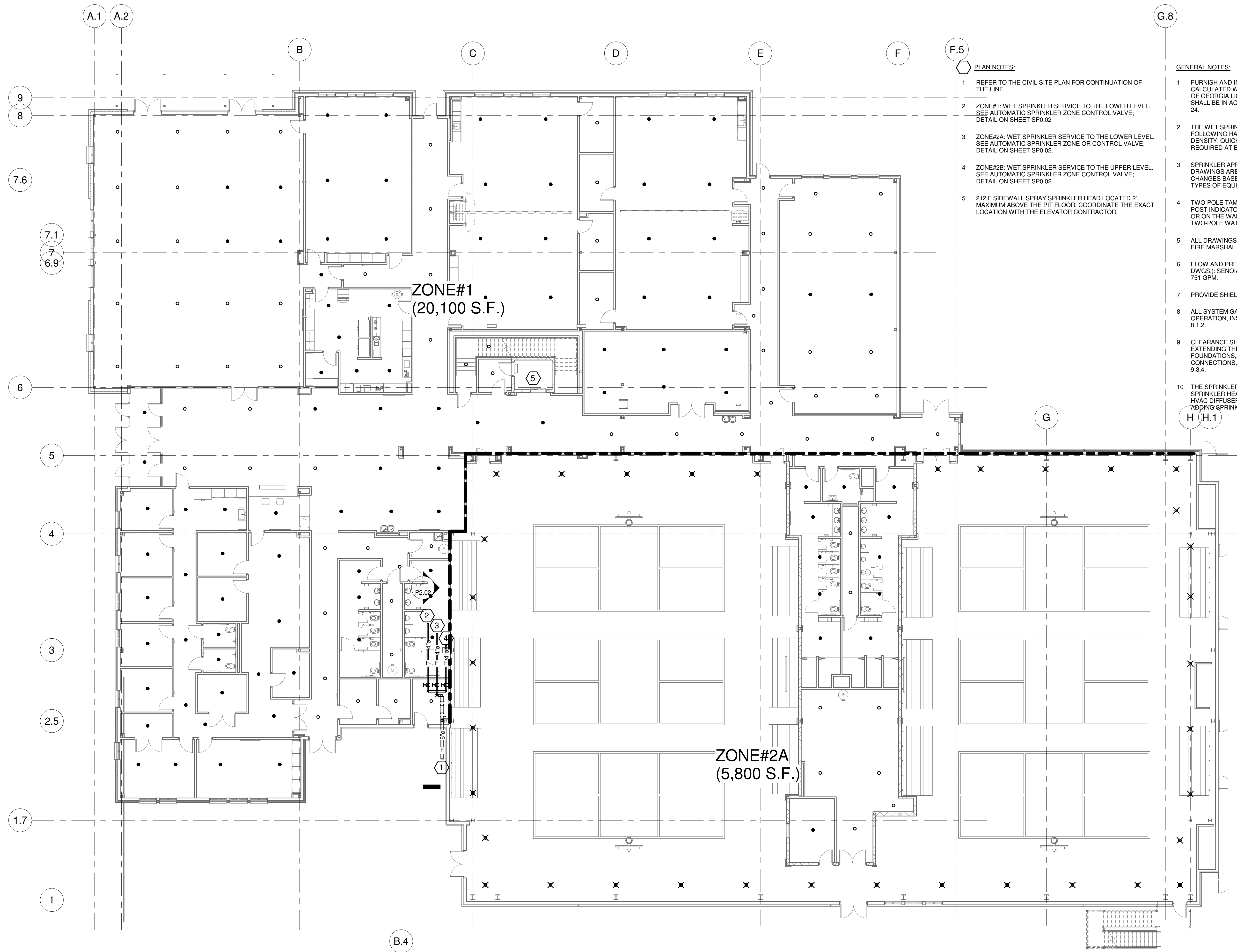
CONSTRUCTION DOCUMENTS

SHEET TITLE

**SPRINKLER
OVERALL FIRST
FLOOR PLAN**

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	

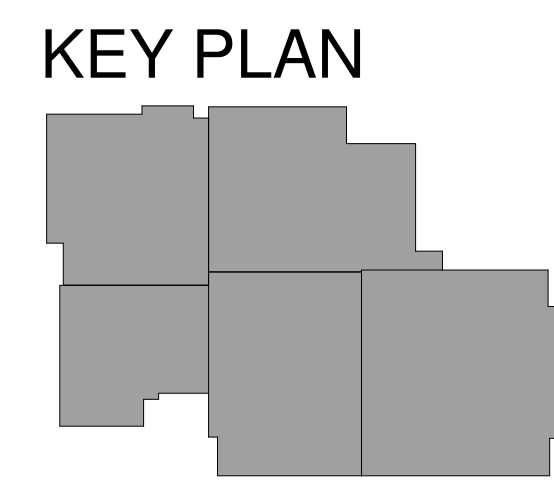
SP0.00

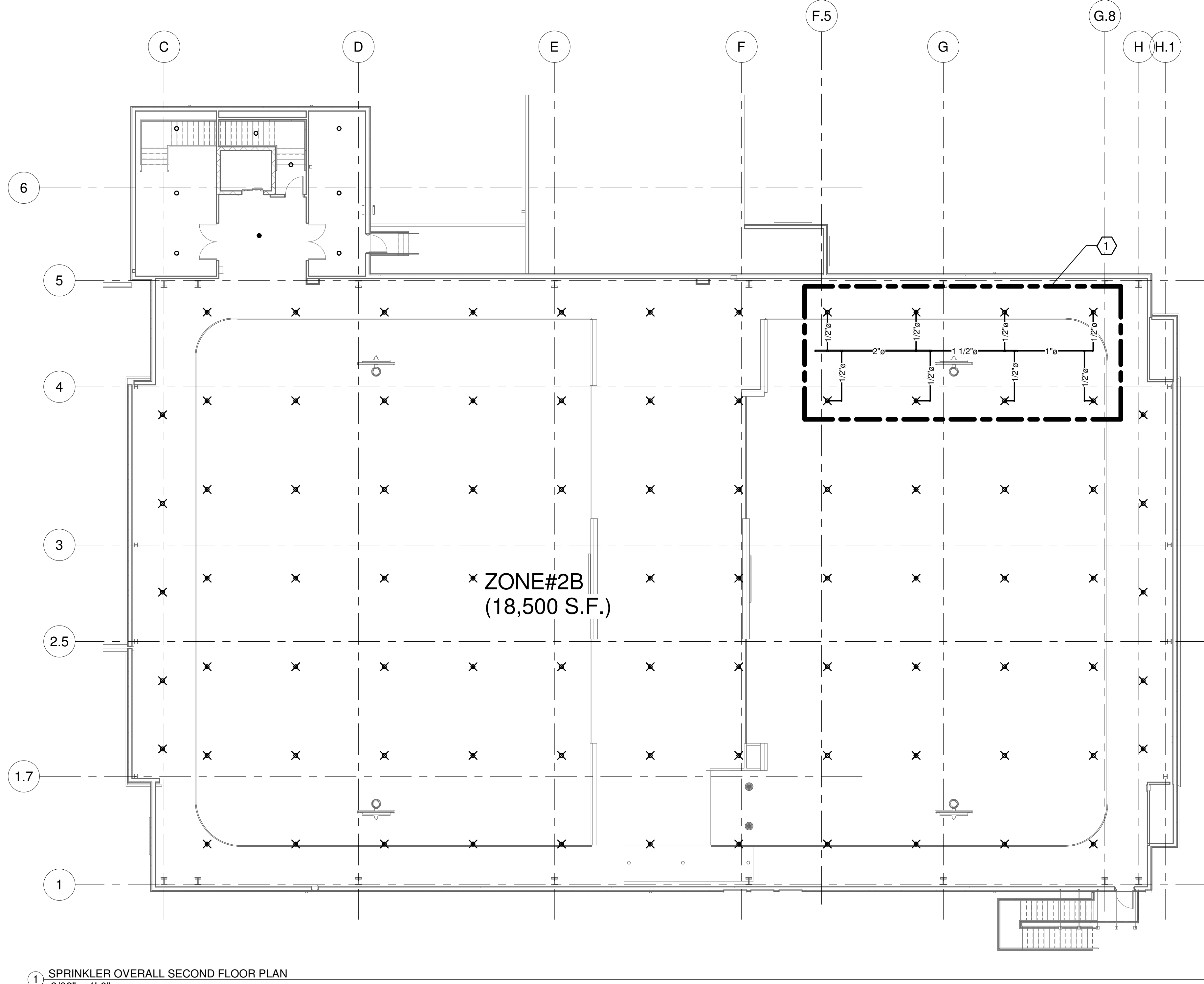


- PLAN NOTES:**
- 1 REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
 - 2 ZONE#1: WET SPRINKLER SERVICE TO THE LOWER LEVEL. SEE AUTOMATIC SPRINKLER ZONE CONTROL VALVE; DETAIL ON SHEET SP0.02.
 - 3 ZONE#2A: WET SPRINKLER SERVICE TO THE LOWER LEVEL. SEE AUTOMATIC SPRINKLER ZONE OR CONTROL VALVE; DETAIL ON SHEET SP0.02.
 - 4 ZONE#2B: WET SPRINKLER SERVICE TO THE UPPER LEVEL. SEE AUTOMATIC SPRINKLER ZONE CONTROL VALVE; DETAIL ON SHEET SP0.02.
 - 5 212 F SIDEWALL SPRAY SPRINKLER HEAD LOCATED 2' MAXIMUM ABOVE THE PIT FLOOR. COORDINATE THE EXACT LOCATION WITH THE ELEVATOR CONTRACTOR.

- GENERAL NOTES:**
- 1 FURNISH AND INSTALL A COMPLETE HYDRAULICALLY CALCULATED WET SPRINKLER SYSTEM DESIGNED BY A STATE OF GEORGIA LICENSED SPRINKLER CONTRACTOR. DESIGN SHALL BE IN ACCORDANCE WITH NFPA CODE SECTIONS 13 AND 24.
 - 2 THE WET SPRINKLER SYSTEM SHALL BE DESIGNED FOR THE FOLLOWING HAZARDS: -MULTIUSE BUILDING; LIGHT HAZARD; 1 DENSITY; QUICK RESPONSE HEADS. 500 GPM @ 15 PSI RESIDUAL REQUIRED AT BASE OF RISER.
 - 3 SPRINKLER APPRENTICES AND LINE SIZES SHOWN ON THESE DRAWINGS ARE FOR GENERAL INTENT AND MAY REQUIRE CHANGES BASED ON FLOW REQUIREMENTS. VERIFY SIZES AND TYPES OF EQUIPMENT REQUIRED PRIOR TO BID SUBMISSION.
 - 4 TWO-POLE TAMPER SWITCHES SHALL BE PROVIDED ON THE POST INDICATOR VALVE (FOR EACH RISER-WETHER IN THE YARD OR ON THE WALL) AND AT ANY OTHER SYSTEM VALVES. A TWO-POLE WATER FLOW SWITCH MUST ALSO BE PROVIDED.
 - 5 ALL DRAWINGS AND DATA MUST BE SUBMITTED TO THE LOCAL FIRE MARSHAL TO RECEIVE APPROVAL.
 - 6 FLOW AND PRESSURE AVAILABLE AT THE BUILDING (SEE CIVIL DWGS.); SENOIA ROAD: STATIC 85 PSI; RESIDUAL 60 PSI; FLOW 751 GPM.
 - 7 PROVIDE SHIELDS FOR SPRINKLERS IN ELECTRICAL ROOMS.
 - 8 ALL SYSTEM GAUGES AND VALVES MUST BE ACCESSIBLE FOR OPERATION, INSPECTION, AND MAINTENANCE, PER NFPA 13 8.1.2.
 - 9 CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS, AND FOUNDATIONS, INCLUDING DRAINS, FIRE DEPARTMENT CONNECTIONS, AND OTHER AUXILIARY PIPING PER NFPA 13 9.3.4.
 - 10 THE SPRINKLER CONTRACTOR TO COORDINATE THE FINAL SPRINKLER HEAD LOCATIONS WITH THE LIGHT FIXTURES AND HVAC DIFFUSERS AS SHOWN IN THE ARCHITECTURAL PLANS, ADDING SPRINKLER HEADS IF NECESSARY.

1 SPRINKLER OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"

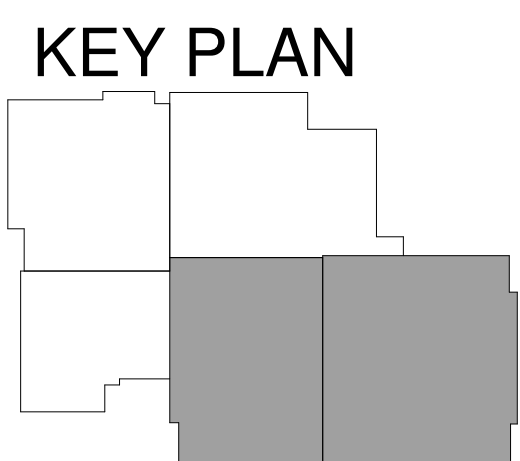




PLAN NOTES:
1 HYDRAULICALLY THE MOST DEMANDING AREA (SEE DETAILS ON SHEET SP0.02 FOR CALCULATIONS.)

- GENERAL NOTES:**
- FURNISH AND INSTALL A COMPLETE HYDRAULICALLY CALCULATED WET SPRINKLER SYSTEM DESIGNED BY A STATE OF GEORGIA LICENSED SPRINKLER CONTRACTOR. DESIGN SHALL BE IN ACCORDANCE WITH NFPA CODE SECTIONS 13 AND 24.
 - THE WET SPRINKLER SYSTEM SHALL BE DESIGNED FOR THE FOLLOWING HAZARDS: MULTIUSE BUILDING; LIGHT HAZARD; .1 DENSITY; QUICK RESPONSE HEADS. 500 GPM @ 15 PSI RESIDUAL REQUIRED AT BASE OF RISER.
 - SPRINKLER APPURTENANCES AND LINE SIZES SHOWN ON THESE DRAWINGS ARE FOR GENERAL INTENT AND MAY REQUIRE CHANGES BASED ON FLOW REQUIREMENTS. VERIFY SIZES AND TYPES OF EQUIPMENT REQUIRED PRIOR TO BID SUBMISSION.
 - TWO-POLE TAMPER SWITCHES SHALL BE PROVIDED ON THE POST INDICATOR VALVE(FOR EACH RISER-WETHER IN THE YARD OR ON THE WALL) AND AT ANY OTHER SYSTEM VALVES. A TWO-POLE WATER FLOW SWITCH MUST ALSO BE PROVIDED.
 - ALL DRAWINGS AND DATA MUST BE SUBMITTED TO THE LOCAL FIRE MARSHAL TO RECEIVE APPROVAL.
 - FLOW AND PRESSURE AVAILABLE AT THE BUILDING (SEE CIVIL DWGS.): SENOIA ROAD: STATIC 85 PSI; RESIDUAL 60 PSI; FLOW 751 GPM.
 - PROVIDE SHIELDS FOR SPRINKLERS IN ELECTRICAL ROOMS.
 - ALL SYSTEM GAUGES AND VALVES MUST BE ACCESSIBLE FOR OPERATION, INSPECTION, AND MAINTENANCE, PER NFPA 13 8.1.2.
 - CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS, AND FOUNDATIONS, INCLUDING DRAINS, FIRE DEPARTMENT CONNECTIONS, AND OTHER AUXILIARY PIPING PER NFPA 13 9.3.4.
 - THE SPRINKLER CONTRACTOR TO COORDINATE THE FINAL SPRINKLER HEAD LOCATIONS WITH THE LIGHT FIXTURES AND HVAC DIFFUSERS AS SHOWN IN THE ARCHITECTURAL PLANS, ADDING SPRINKLER HEADS IF NECESSARY.

1 SPRINKLER OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"



SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

SPRINKLER OVERALL SECOND FLOOR PLAN

PROJECT NO. 22067	DATE 06/21/2024
DRAWN BY TMH	SCALE As indicated
CHECKED BY TMH	
SHEET NO.	

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

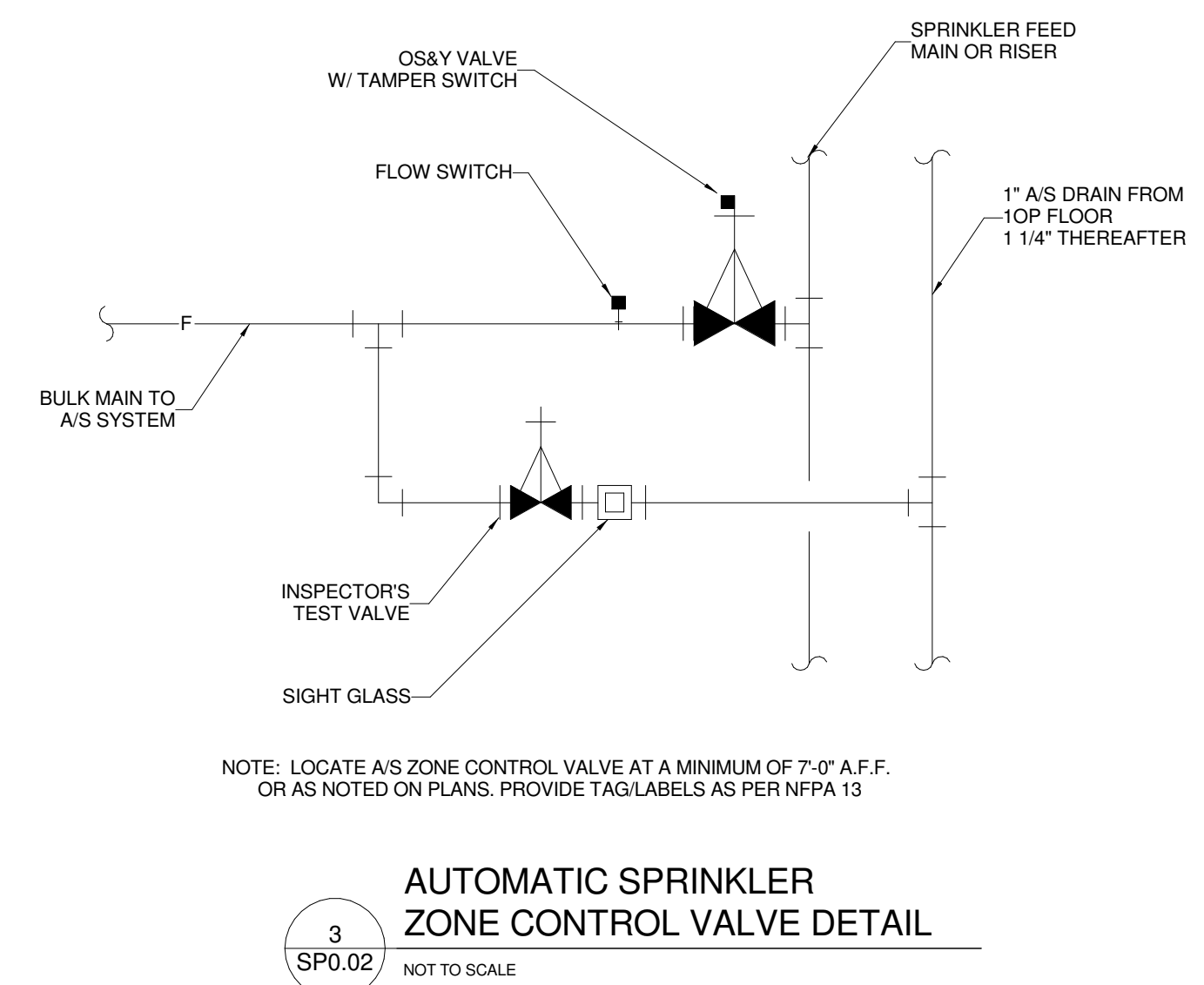
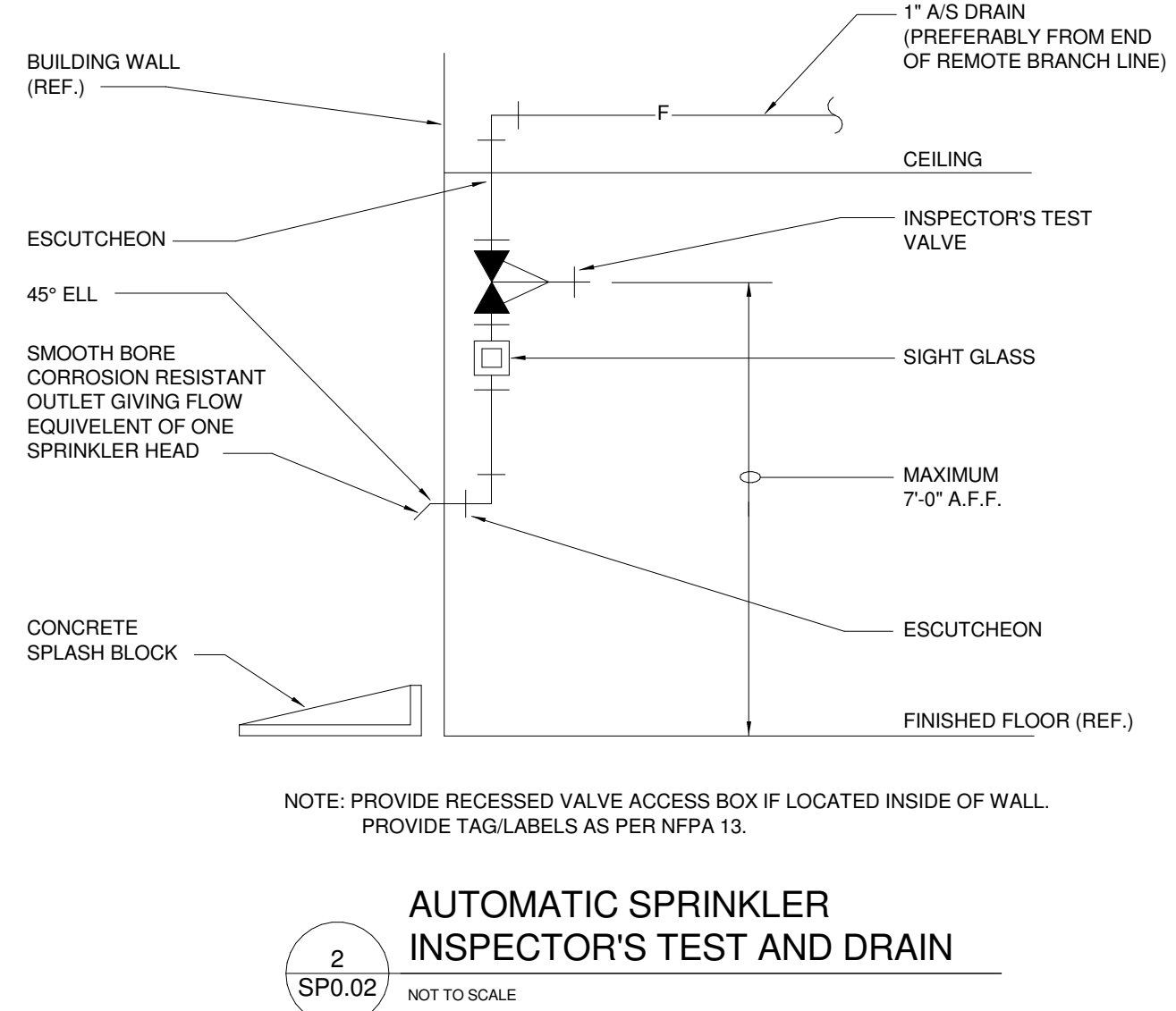
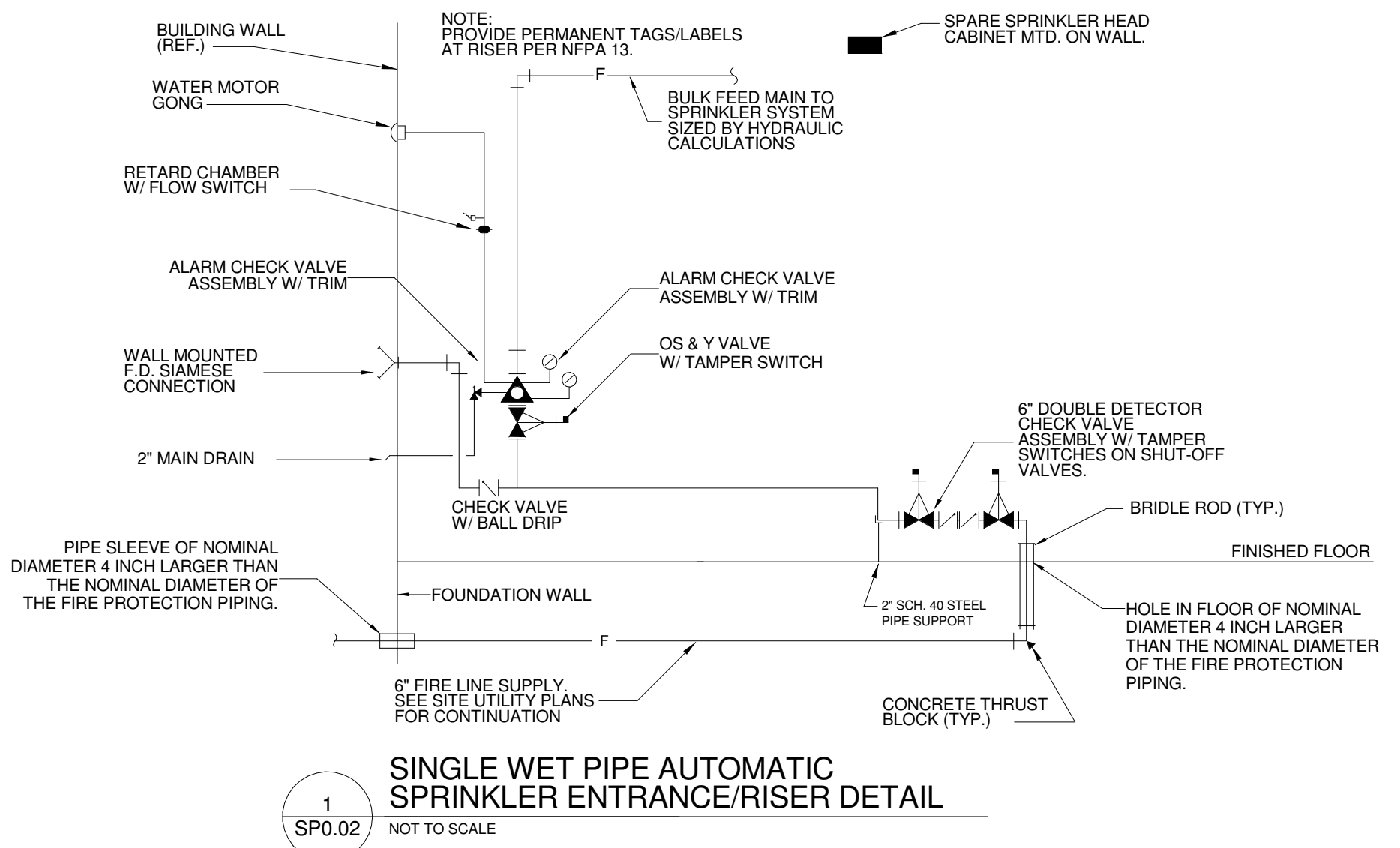
CONSTRUCTION DOCUMENTS

SHEET TITLE

SPRINKLER LEGENDS, SCHEDULES, & DETAILS

PROJECT NO. **22067** DATE **06/21/2024**
DRAWN BY **TMH** SCALE
CHECKED BY **TMH**
SHEET NO.

SP0.02



BUILDING PRELIMINARY REMOTE HYDRAULIC CALCULATIONS

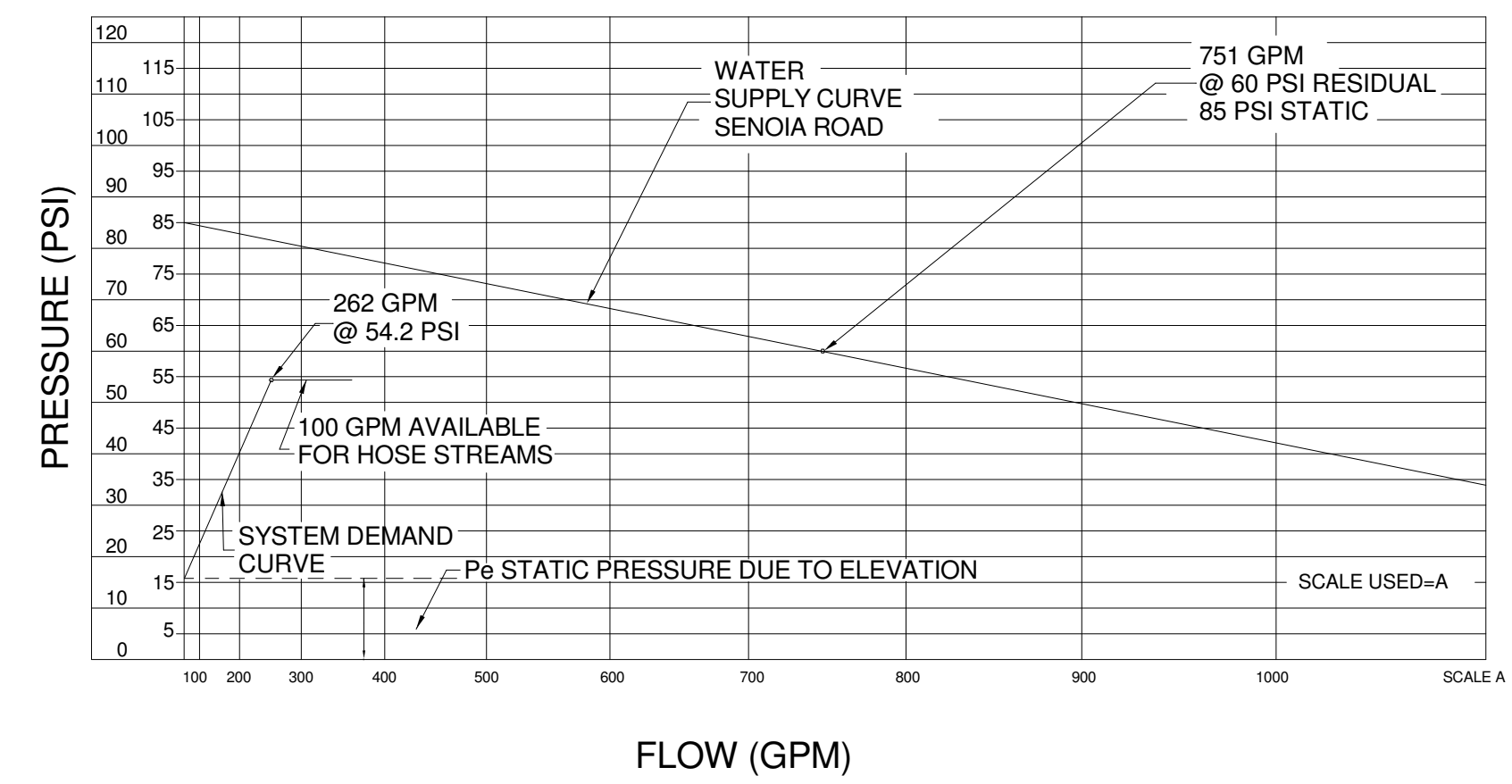
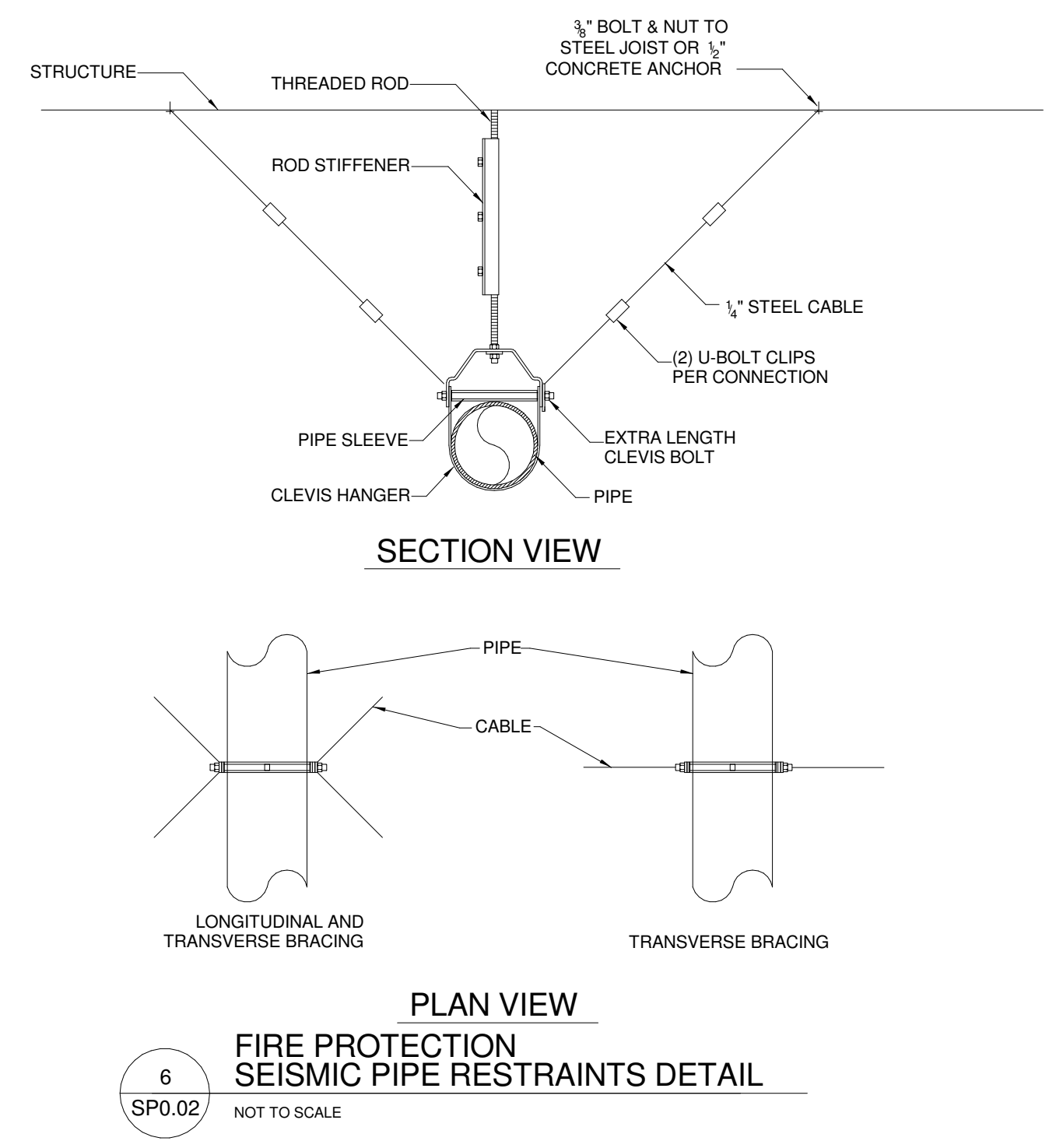
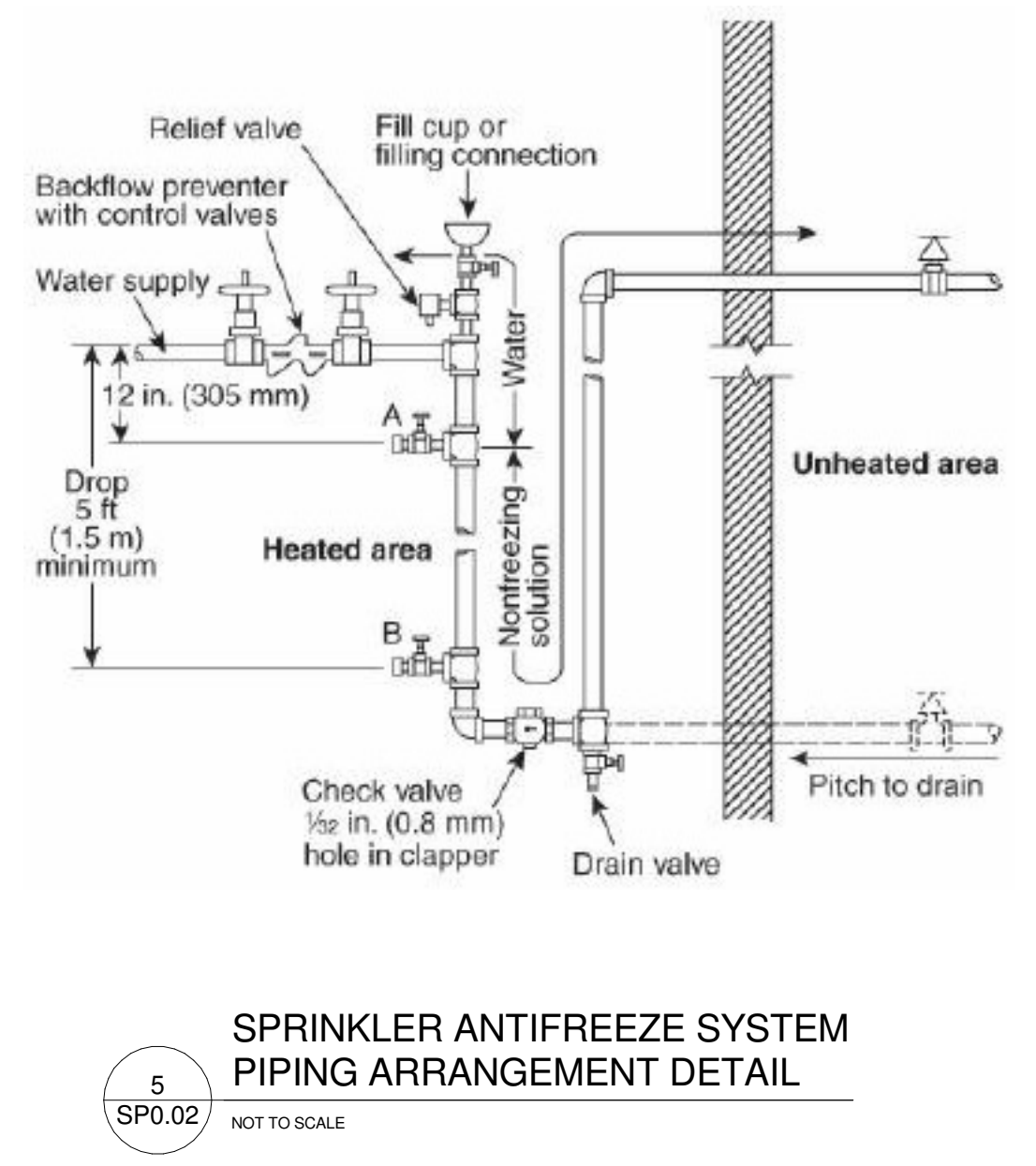
DESIGN DATA:

- OCCUPANCY CLASSIFICATION: LIGHT HAZARD
- DENSITY: 0.1 GPM/FT²
- AREA OF APPLICATION: 1500 FT²
- COVERAGE PER SPRINKLER: 190 FT²
- NUMBER OF SPRINKLERS CALCULATED: 8.
- HOSE STREAMS: 100 GPM.
- WATER REQUIRED: 262 GPM @ 54.2 PSI.
- TOTAL WATER REQUIRED: 362 GPM. (including hose streams)

PRELIMINARY CALCULATIONS:

- ELEVATION PRESSURE LOSS: 15.2 PSI.
- DDCV PRESSURE LOSS: 6 PSI.
- FITTINGS AND PIPE LENGTH PRESSURE LOSS: 33 PSI.
- TOTAL PRESSURE LOSS (add 1, 2, & 3): 54.2 PSI.

CALCULATIONS BASED ON A SPRINKLER DISCHARGE K VALUE OF 5.65 AND A FRICTION LOSS COEFFICIENT OF 120.



SPRINKLER LEGEND SCHEDULE

SYMBOL	DESCRIPTION
— F —	FIRE LINE (ABOVE FLOOR)
— F —	FIRE LINE (BELOW FLOOR)
●	WET CONCEALED SPRINKLER HEAD (175 F)
○	WET UPRIGHT SPRINKLER HEAD (175 F)
⊗	WET UPRIGHT SPRINKLER HEAD WITH GUARD (175 F)
⊕	OUTSIDE SCREW AND YOKE VALVES
⊖	CHECK VALVE
— —	UNION
⊙	BALL VALVE
⊕	BALANCING VALVE
⊖	GATE VALVE
⊕	CONTROL VALVE - THREE WAY

- PROVIDE SEISMIC RESTRAINTS ON ALL PIPING EXCEPT AS FOLLOWS:
 - PIPING IN BOILER & MECHANICAL ROOMS LESS THAN 1-1/4" INSIDE DIAMETER.
 - ALL OTHER PIPING LESS THAN 2-1/2" INSIDE DIAMETER.
 - ALL PIPING SUSPENDED BY INDIVIDUAL HANGERS 12" OR LESS LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.
- SEISMIC RESTRAINTS ARE SIZED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE 2012, FOR GROUP 2 HAZARD EXPOSURE AND IN ACCORDANCE WITH THE SMACNA SEISMIC RESTRAINT MANUAL, FOR SEISMIC HAZARD LEVEL "C" OTHER METHODS OF RESTRAINT IN ACCORDANCE WITH THE SEISMIC RESTRAINT MANUAL ARE ACCEPTABLE.
- TRANSVERSE BRACING ON PIPING SHALL BE AT 40' MAX. LONGITUDINAL BRACING ON PIPING SHALL BE 80' MAX. SEE SEISMIC MANUAL FOR FURTHER SPECIFIC LIMITATIONS ON BRACING.
- SEE "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS" FOR DETAILS OF ANCHORS TO STRUCTURE.
- APPROPRIATE EXPANSION/CONTRACTION CAPABILITY SHALL BE PROVIDED IN PIPES, WHICH CROSS BUILDING EXPANSION (SEISMIC) JOINTS. THE TOTAL RELATIVE MOVEMENT IN ANY HORIZONTAL DIRECTION ON EACH SIDE OF THE JOINT CENTERLINE SHALL BE, AS A MINIMUM, EQUAL TO THE SIZE OF THE BUILDING EXPANSION JOINT. FOR EXAMPLE, AT A 3-INCH BUILDING EXPANSION JOINT, A PIPE SHALL BE PERMITTED TO MOVE A MINIMUM OF THREE INCHES; 1-59/64 INCHES IN EACH OF TWO OPPOSITE HORIZONTAL DIRECTIONS) ON EACH SIDE OF THE JOINT CENTERLINE, PER NFPA 13.9.3.2.1.
- SEISMIC BRACES FOR PIPES ON TRAPEZE HANGERS MAY BE USED. SEE DETAILS IN CHAPTER 4 OF THE SMACNA SEISMIC RESTRAINT MANUAL.
- THE SPACING OF VERTICAL SUPPORTS AND LATERAL BRACING, AND THE DETAILS OF THE VERTICAL SUPPORTS FOR THE FIRE SPRINKLER SYSTEM SHALL COMPLY WITH NFPA 13. THE DETAILS FOR THE LATERAL BRACING SHALL COMPLY WITH THE GUIDELINES OF THE SMACNA SEISMIC RESTRAINT MANUAL.



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

PRELIMINARY
NOT FOR CONSTRUCTION



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NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

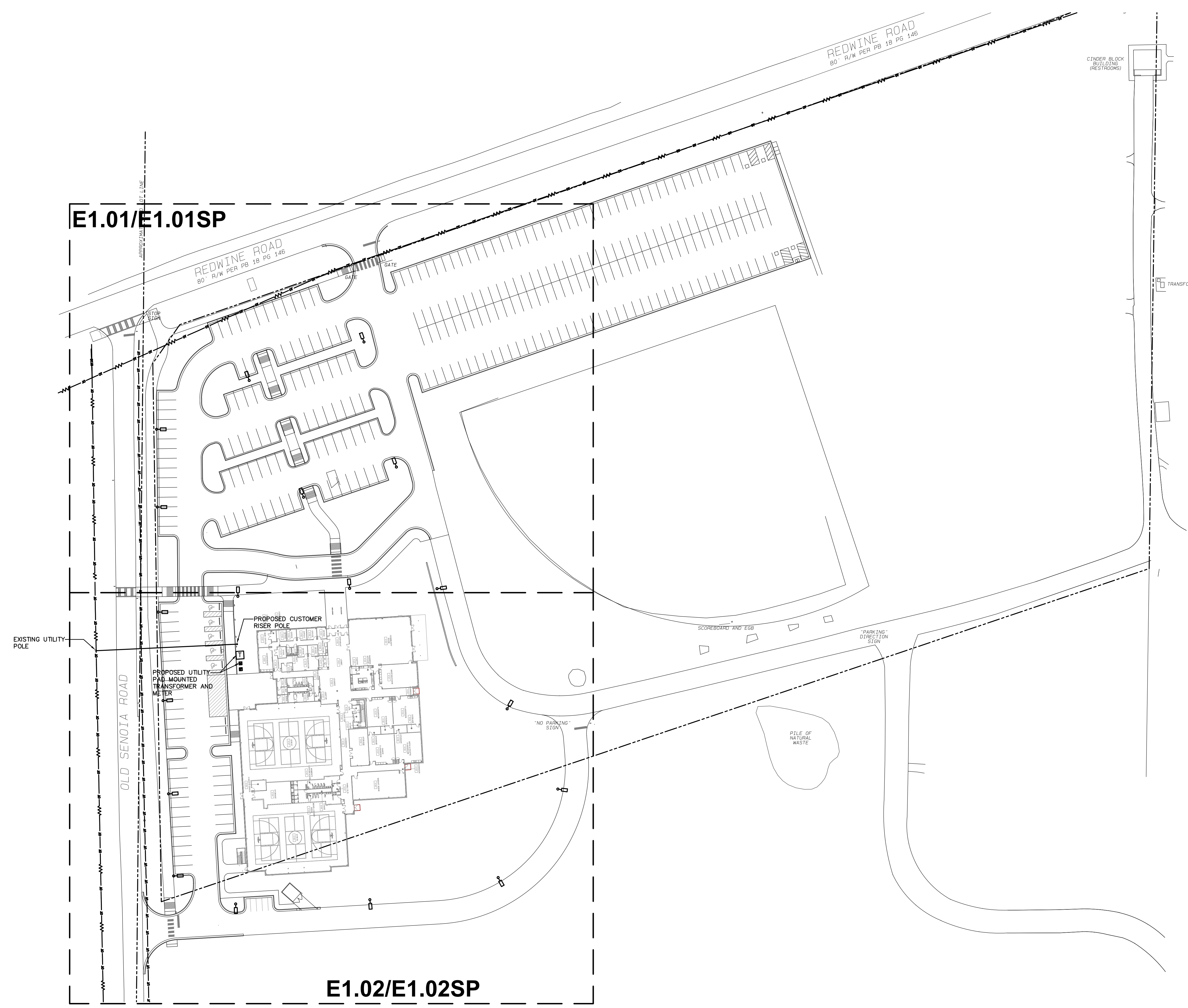
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE	
ELECTRICAL PLAN - SITE	

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	
SHEET NO.	

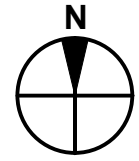
E1.00



E1.02/E1.02SP

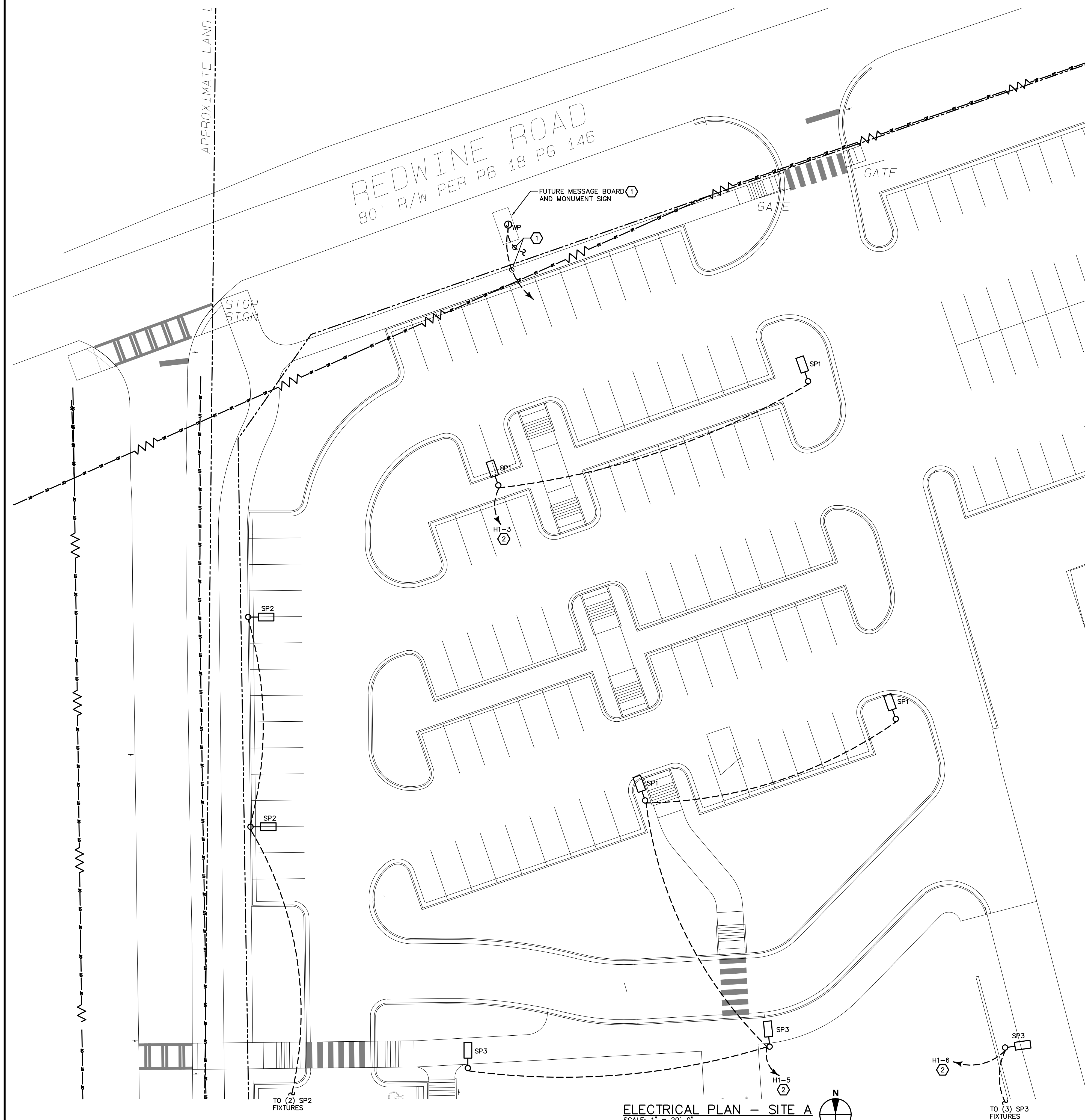
E1.01/E1.01SP

ELECTRICAL PLAN - SITE
SCALE: 1" = 50'-0"



PLAN ELECTRICAL NOTES:

1. APPROXIMATE LOCATION OF FUTURE MESSAGE BOARD AND MONUMENT SIGN. PROVIDE (2) 1" CONDUITS FROM JUNCTION BOX TO PANELBOARD "H1" LOCATION. PROVIDE (1) 1" CONDUIT FROM JUNCTION BOX TO MDF ROOM TELEPHONE TERMINAL BACKBOARD "TTB-M".
2. ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP-1" IN MAIN ELECTRICAL ROOM. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.



APPROXIMATE LAND I

REDWINE ROAD
80' R/W PER PB 18 PG 146

GATE

FUTURE MESSAGE BOARD AND MONUMENT SIGN

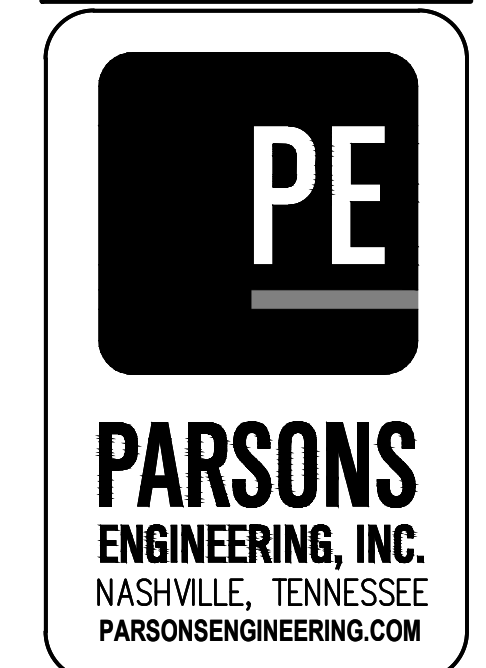
STOP SIGN

TO (2) SP2 FIXTURES

ELECTRICAL PLAN - SITE A
SCALE: 1" = 20'-0"

TO (3) SP3 FIXTURES

PRELIMINARY
NOT FOR CONSTRUCTION



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

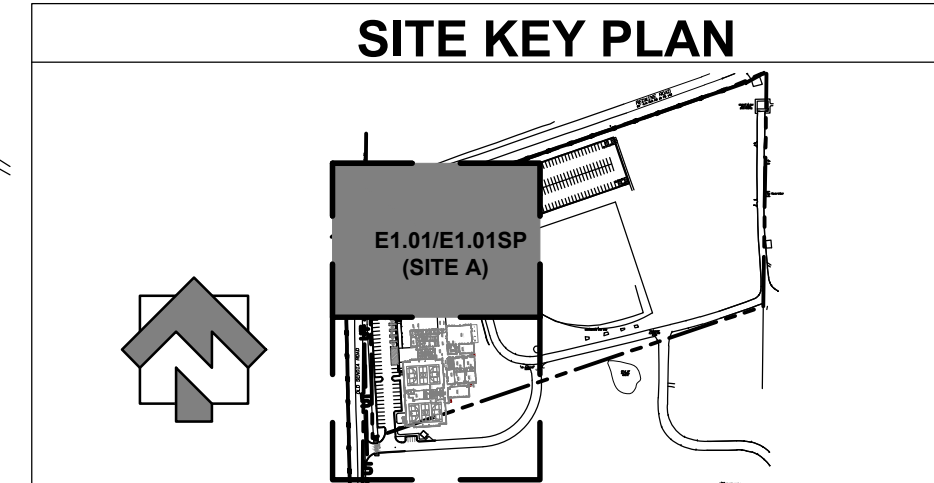
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL PLAN - SITE A

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO.

E1.01



☒ SITE PHOTOMETRIC NOTES:

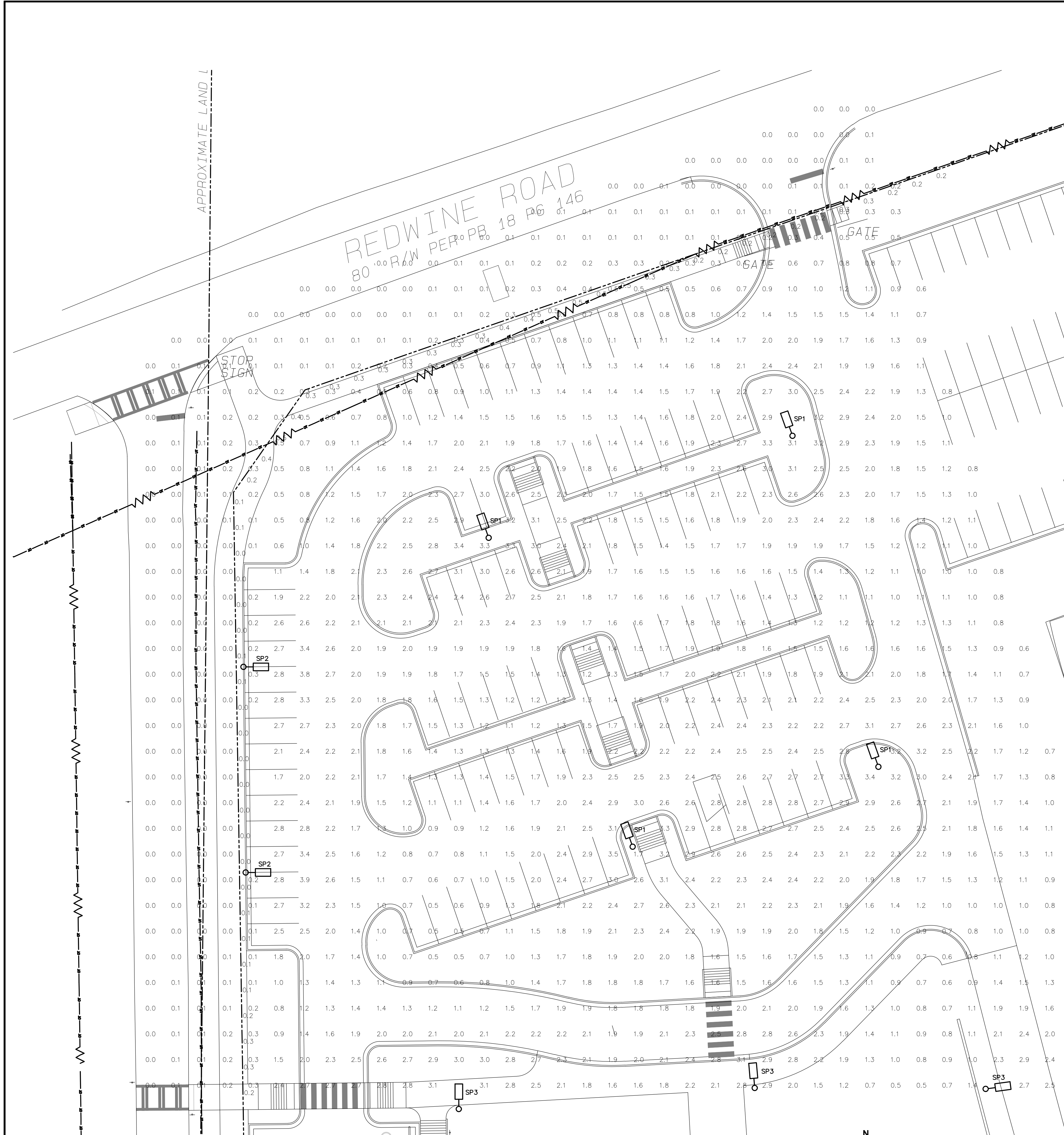
1. CALCULATIONS SHOWN REPRESENT MAINTAINED LIGHTING LEVELS IN FOOTCANDLES AT GRADE WITH A LIGHT LOSS FACTOR OF 0.93. CALCULATIONS DO NOT INCLUDE CONTRIBUTIONS FROM OTHER LIGHT SOURCES.
2. CIVIL BASE PLAN AS PROVIDED TO PARSONS ENGINEERING, INC. SHOWED NO OVERHEAD UTILITIES. THE CIVIL ENGINEER SHALL VERIFY THAT THERE ARE NO CONFLICTS WITH EXISTING OR PROPOSED UTILITY LINES OR EASEMENTS.
3. THESE CALCULATIONS HAVE BEEN GENERATED FROM MANUFACTURER SUPPLIED PHOTOMETRIC FILES. PARSONS ENGINEERING, INC. HAS MADE A REASONABLE ATTEMPT TO OBTAIN THE MOST CURRENT PHOTOMETRIC REPORT, PARSONS ENGINEERING, INC. IS NOT RESPONSIBLE FOR ERRANT RESULTS DUE TO MANUFACTURERS' QUALITY CONTROL OR DESIGN CHANGES.



FIXTURE TYPES SP1-SP3
NO SCALE

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Mounting Height
☐	SP1	4	Lithonia Lighting	DSX1 LED P9 40K 80CRI T5W	D-Series Size 1 Area Luminaire P9 Performance Package 4000K CCT 80 CRI Type 5 Wide	1	33109	0.93	277.07	20'-0"
☐	SP2	6	Lithonia Lighting	DSX1 LED P4 40K 80CRI BLC4	D-Series Size 1 Area Luminaire P4 Performance Package 4000K CCT 80 CRI Type 4 Extreme Backlight Control	1	11051	0.93	123.94	20'-0"
☐	SP3	8	Lithonia Lighting	DSX1 LED P3 40K 80CRI T2M	D-Series Size 1 Area Luminaire P3 Performance Package 4000K CCT 80 CRI Type 2 Medium	1	12483	0.93	102.17	20'-0"

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING - NORTH	X	1.9 fc	3.9 fc	0.2 fc	19.5:1	9.5:1
PARKING - WEST	X	1.8 fc	3.8 fc	0.3 fc	12.7:1	6.0:1
PROJECT AREA	+	0.9 fc	3.9 fc	0.0 fc	N/A	N/A
PROPERTY LINE	+	0.1 fc	0.5 fc	0.0 fc	N/A	N/A
DRIVEWAY - EAST	X	1.7 fc	2.9 fc	0.4 fc	7.3:1	4.3:1



SITE PHOTOMETRIC PLAN - SITE A
SCALE: 1" = 20'-0"

FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

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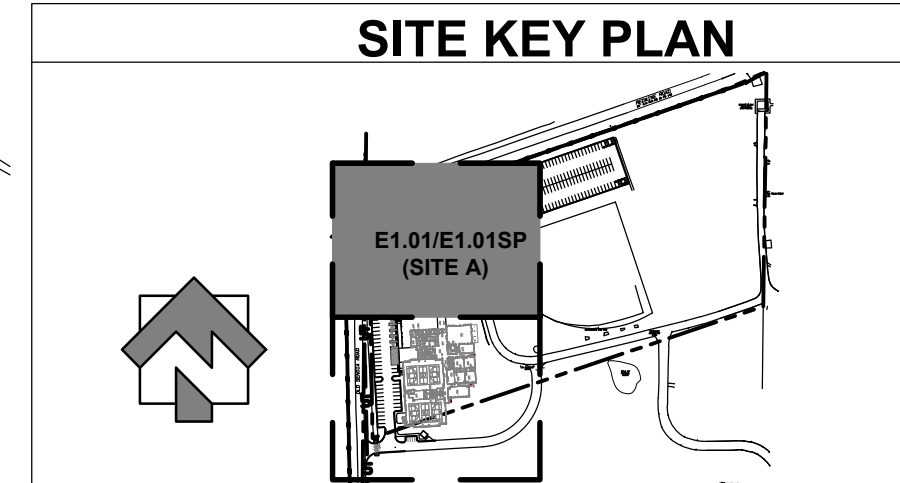
PARSONS
ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

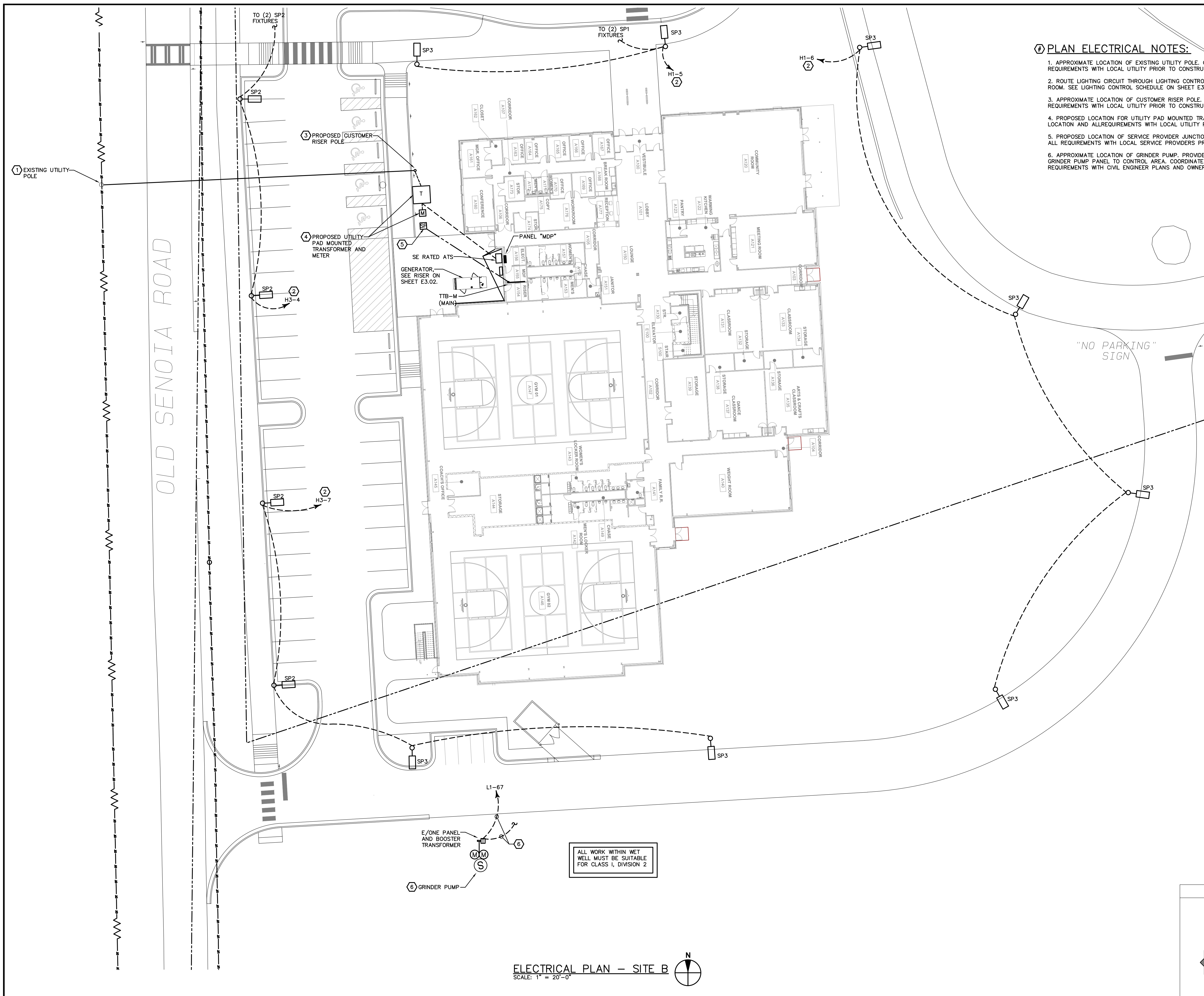
SHEET TITLE	
SITE PHOTOMETRIC PLAN - SITE A	

PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	SHEET NO.
JKM	E1.01SP



PLAN ELECTRICAL NOTES:

1. APPROXIMATE LOCATION OF EXISTING UTILITY POLE. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
2. ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP-1" IN MAIN ELECTRICAL ROOM. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.
3. APPROXIMATE LOCATION OF CUSTOMER RISER POLE. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
4. PROPOSED LOCATION FOR UTILITY PAD MOUNTED TRANSFORMER AND METER. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
5. PROPOSED LOCATION OF SERVICE PROVIDER JUNCTION BOX. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOCAL SERVICE PROVIDERS PRIOR TO CONSTRUCTION.
6. APPROXIMATE LOCATION OF GRINDER PUMP. PROVIDE (1) 1" CONDUIT FOR CONTROLS FROM GRINDER PUMP PANEL TO CONTROL AREA. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH CIVIL ENGINEER PLANS AND OWNER PRIOR TO CONSTRUCTION.



"NO PARKING" SIGN

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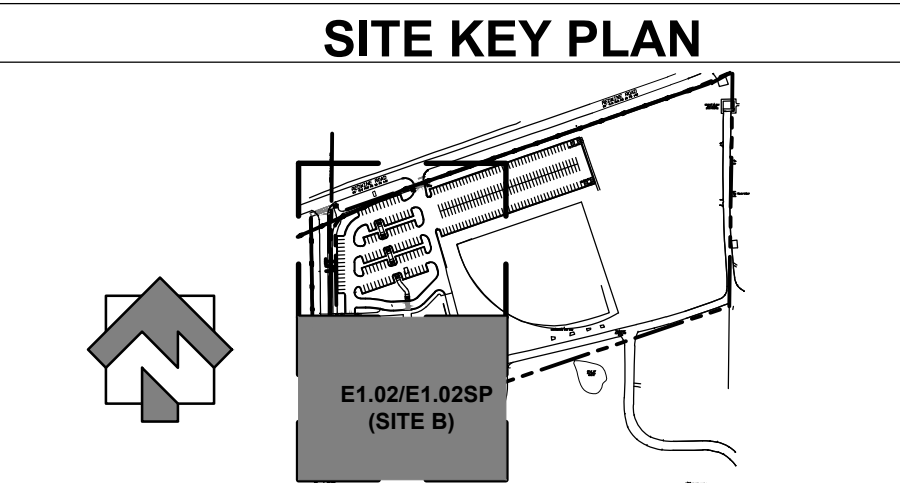
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL PLAN - SITE B

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO.

E1.02

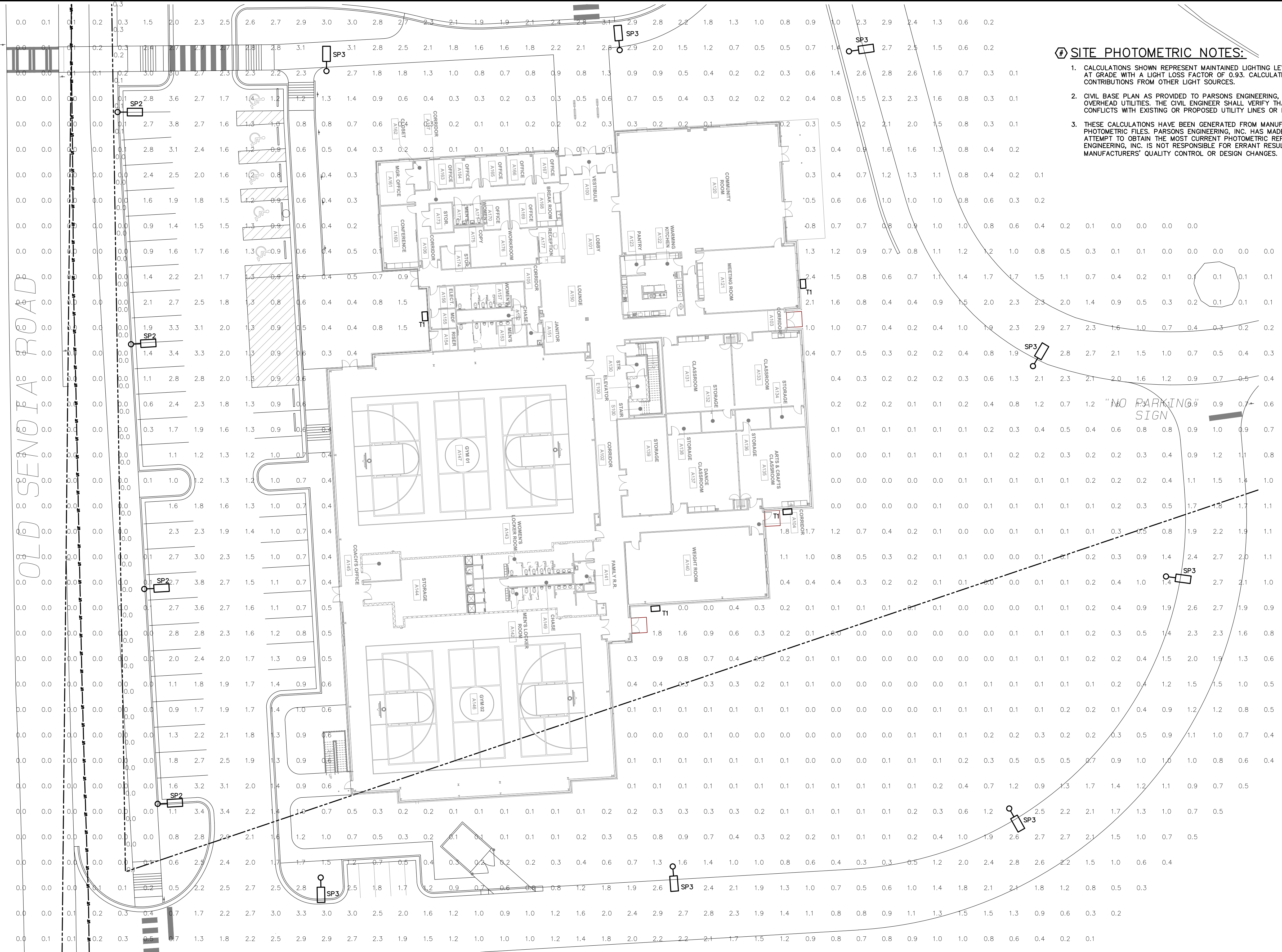


ALL WORK WITHIN WET WELL MUST BE SUITABLE FOR CLASS 1, DIVISION 2

ELECTRICAL PLAN - SITE B
SCALE: 1" = 20'-0"

Ⓐ SITE PHOTOMETRIC NOTES:

1. CALCULATIONS SHOWN REPRESENT MAINTAINED LIGHTING LEVELS IN FOOTCANDLES AT GRADE WITH A LIGHT LOSS FACTOR OF 0.93. CALCULATIONS DO NOT INCLUDE CONTRIBUTIONS FROM OTHER LIGHT SOURCES.
2. CIVIL BASE PLAN AS PROVIDED TO PARSONS ENGINEERING, INC. SHOWED NO OVERHEAD UTILITIES. THE CIVIL ENGINEER SHALL VERIFY THAT THERE ARE NO CONFLICTS WITH EXISTING OR PROPOSED UTILITY LINES OR EASEMENTS.
3. THESE CALCULATIONS HAVE BEEN GENERATED FROM MANUFACTURER SUPPLIED PHOTOMETRIC FILES. PARSONS ENGINEERING, INC. HAS MADE A REASONABLE ATTEMPT TO OBTAIN THE MOST CURRENT PHOTOMETRIC REPORT. PARSONS ENGINEERING, INC. IS NOT RESPONSIBLE FOR ERRANT RESULTS DUE TO MANUFACTURERS' QUALITY CONTROL OR DESIGN CHANGES.



OLD SENDOIA ROAD

"NO PARKING" SIGN

FIXTURE TYPES SP1-SP3
NO SCALE

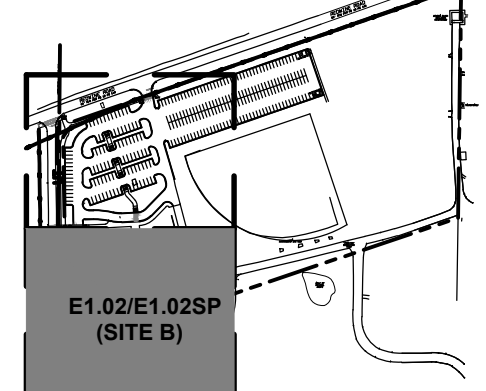
PRELIMINARY
NOT FOR CONSTRUCTION



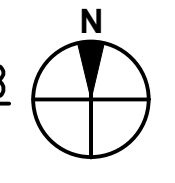
LIGHTING SCHEDULE (THIS SHEET)										
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Mounting Height
□	SP1	4	Lithonia Lighting	DSX1 LED P9 40K 80CRI T5W	D-Series Size 1 Area Luminaire P9 Performance Package 4000K CCT 80 CRI Type 5 Wide	1	33109	0.93	277.07	20'-0"
□	SP2	6	Lithonia Lighting	DSX1 LED P4 40K 80CRI BLC4	D-Series Size 1 Area Luminaire P4 Performance Package 4000K CCT 80 CRI Type 4 Extreme Backlight Control	1	11051	0.93	123.94	20'-0"
□	SP3	8	Lithonia Lighting	DSX1 LED P3 40K 80CRI T2M	D-Series Size 1 Area Luminaire P3 Performance Package 4000K CCT 80 CRI Type 2 Medium	1	12483	0.93	102.17	20'-0"
□	T1	4	Lithonia Lighting	DSXW1 LED 20C 350 40K T3M MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T3M OPTIC, 4000K, 350mA	1	2965	0.93	23.3	12'-0"

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING - NORTH	X	1.9 fc	3.9 fc	0.2 fc	19.5:1	9.5:1
PARKING - WEST	X	1.8 fc	3.8 fc	0.3 fc	12.7:1	6.0:1
PROJECT AREA	+	0.9 fc	3.9 fc	0.0 fc	N/A	N/A
PROPERTY LINE	+	0.1 fc	0.5 fc	0.0 fc	N/A	N/A
DRIVEWAY - EAST	X	1.7 fc	2.9 fc	0.4 fc	7.3:1	4.3:1

SITE KEY PLAN



SITE PHOTOMETRIC PLAN - SITE B
SCALE: 1" = 20'-0"



SUBMITTALS / REVISIONS	
NO	DESCRIPTION

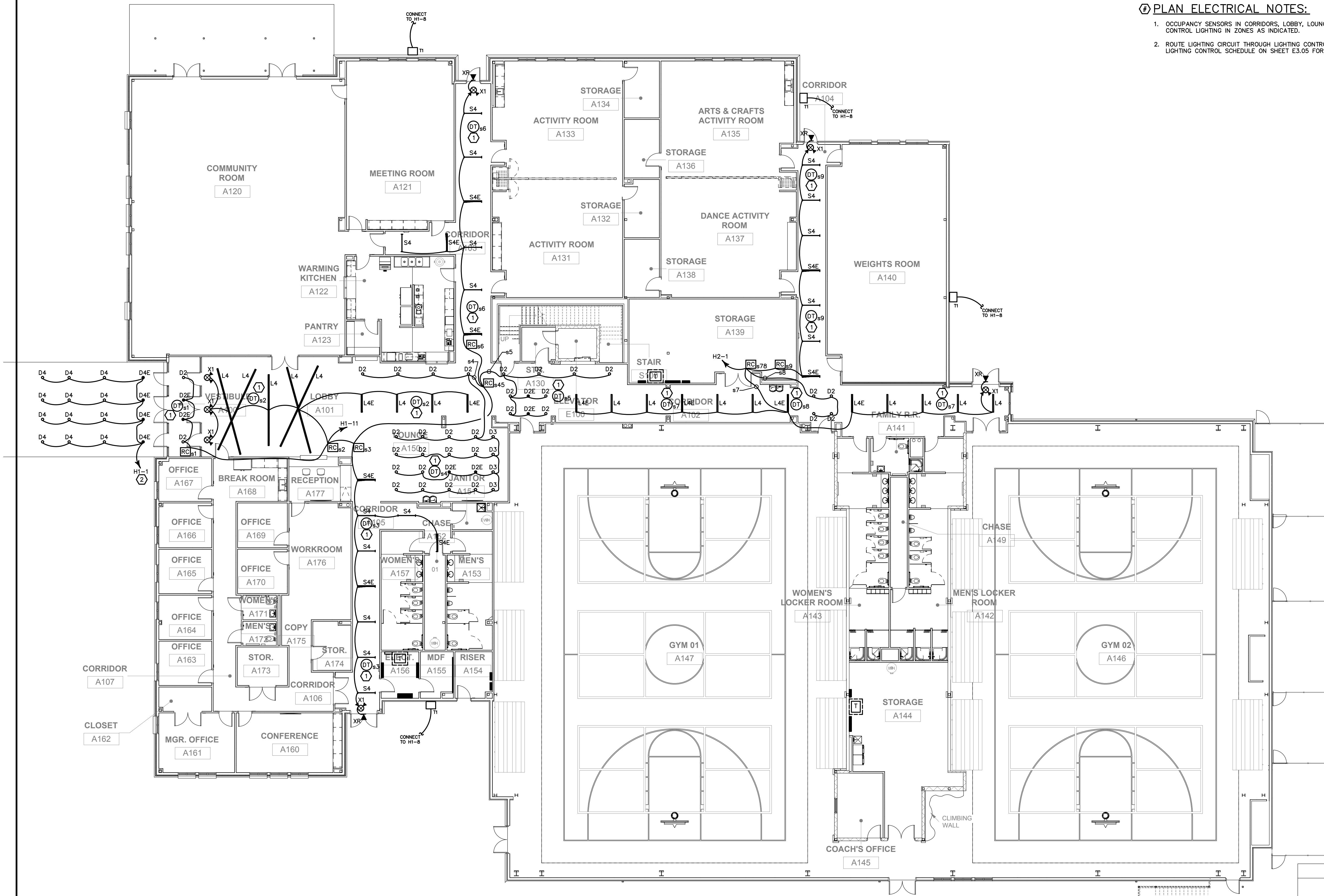
CONSTRUCTION DOCUMENTS

SHEET TITLE
SITE PHOTOMETRIC PLAN - SITE B

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO. E1.02SP

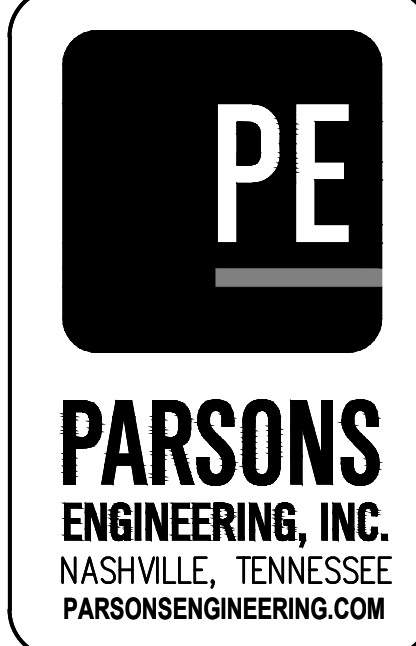
PLAN ELECTRICAL NOTES:

- OCCUPANCY SENSORS IN CORRIDORS, LOBBY, LOUNGE, AND COMMON AREAS SHALL BE CONNECTED TO CONTROL LIGHTING IN ZONES AS INDICATED.
- ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP-1" IN MAIN ELECTRICAL ROOM. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.

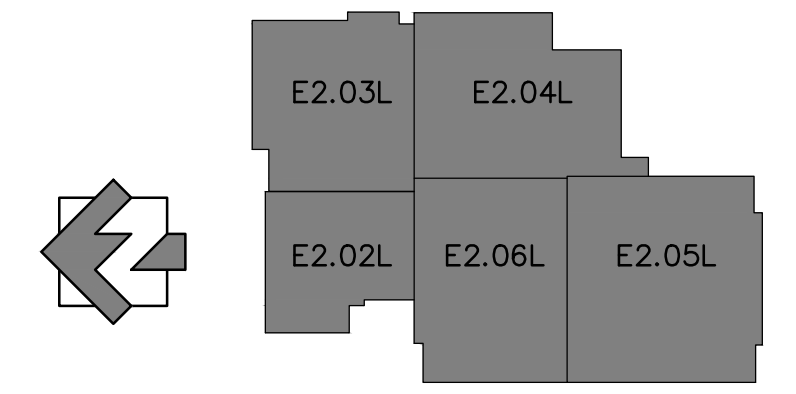


LIGHTING PLAN - 1ST FLOOR
SCALE: 3/32" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION



KEY PLAN



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

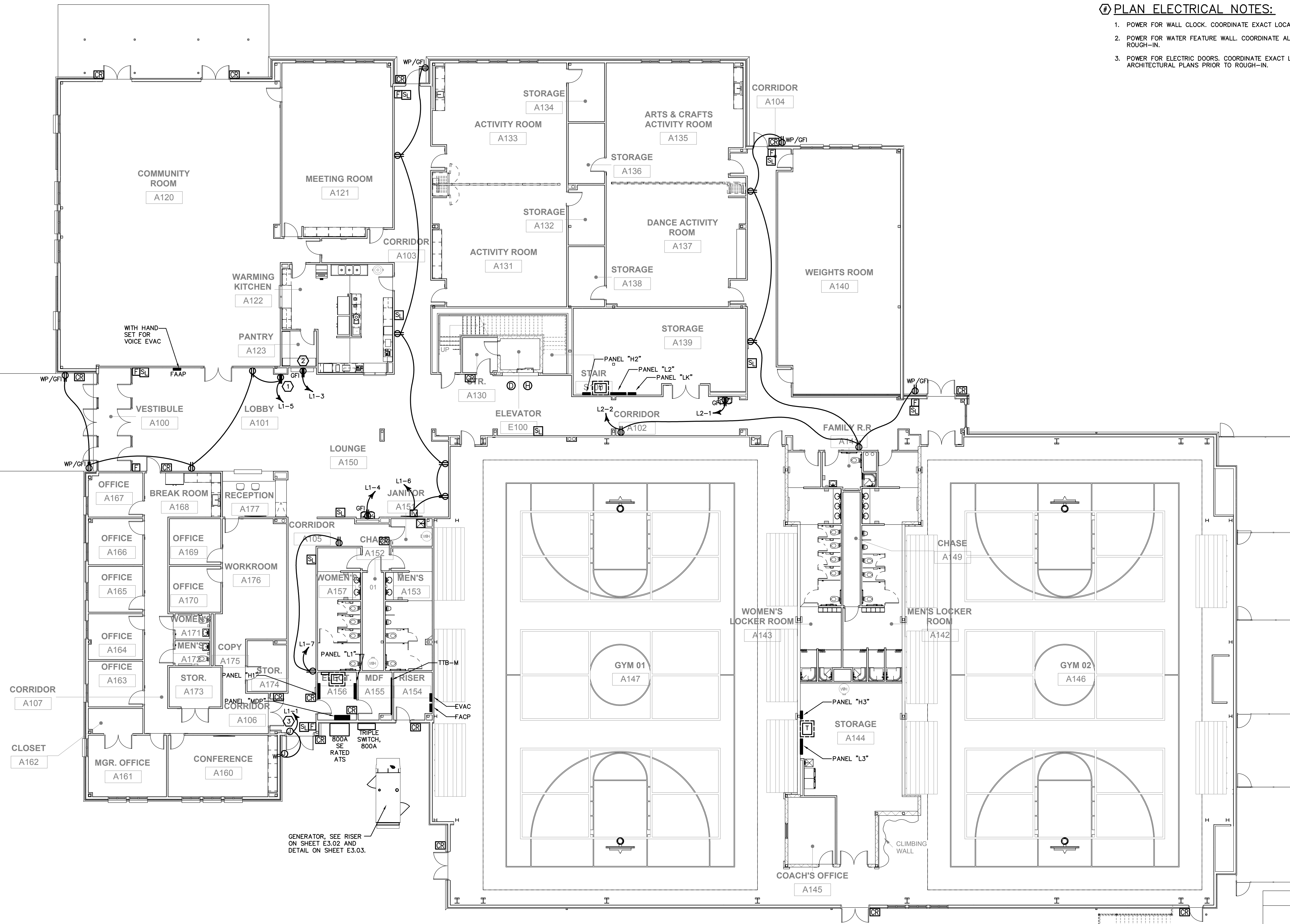
SHEET TITLE	
LIGHTING PLAN - 1ST FLOOR	

PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	SCALE
JKM	
SHEET NO.	

E2.01L

PLAN ELECTRICAL NOTES:

1. POWER FOR WALL CLOCK. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. POWER FOR WATER FEATURE WALL. COORDINATE ALL REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN.
3. POWER FOR ELECTRIC DOORS. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

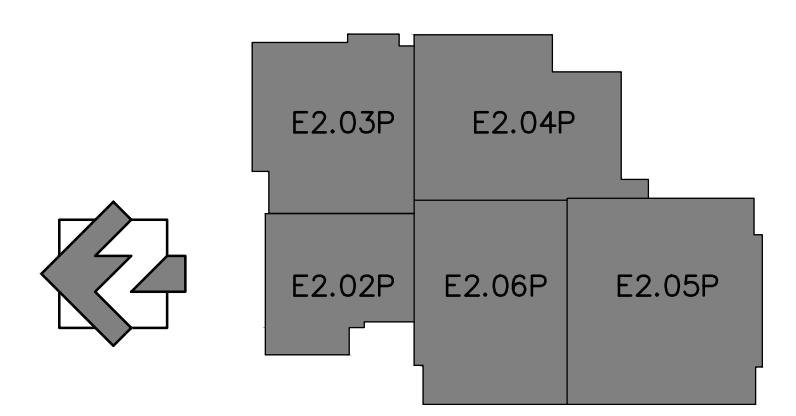
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SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

KEY PLAN



POWER/FIRE PLAN - 1ST FLOOR
SCALE: 3/32" = 1'-0"

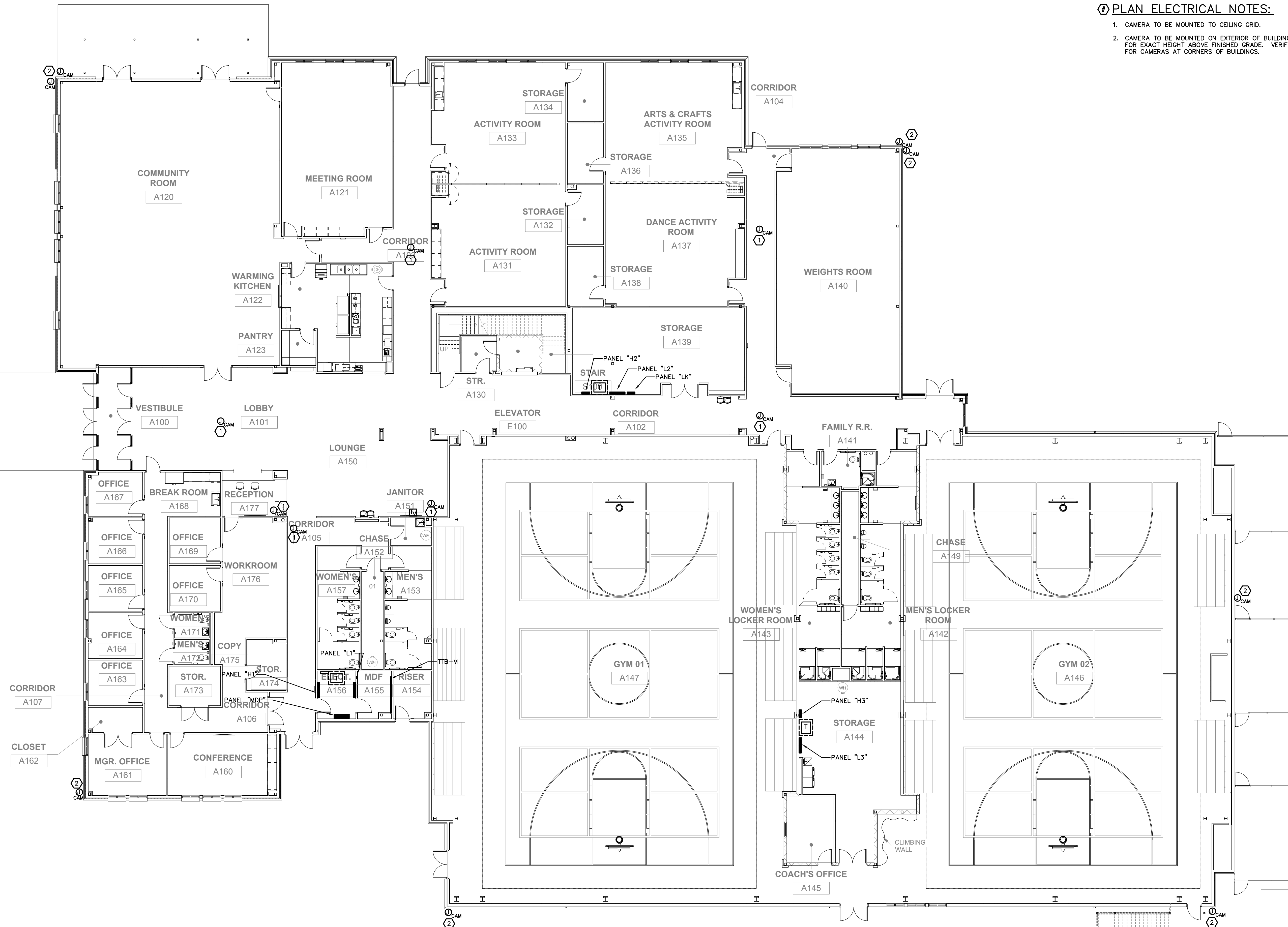
CONSTRUCTION DOCUMENTS

SHEET TITLE	
POWER/FIRE PLAN - 1ST FLOOR	
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E2.01P

PLAN ELECTRICAL NOTES:

1. CAMERA TO BE MOUNTED TO CEILING GRID.
2. CAMERA TO BE MOUNTED ON EXTERIOR OF BUILDING +12 FEET AFG. COORDINATE WITH OWNER FOR EXACT HEIGHT ABOVE FINISHED GRADE. VERIFY WITH OWNER NUMBER OF JUNCTION BOXES FOR CAMERAS AT CORNERS OF BUILDINGS.



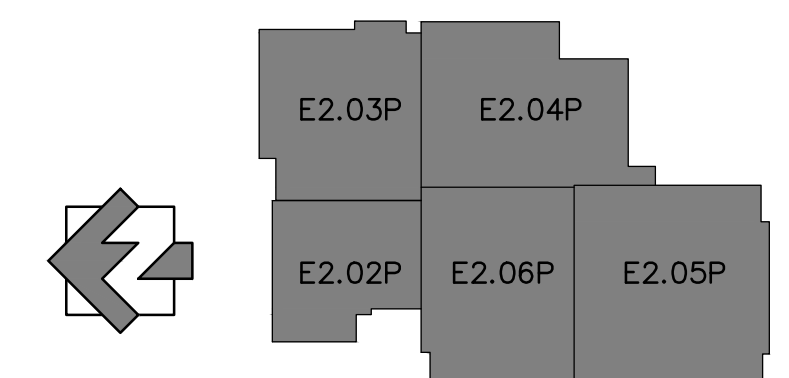
SYSTEMS PLAN - 1ST FLOOR
SCALE: 3/32" = 1'-0"

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KEY PLAN



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

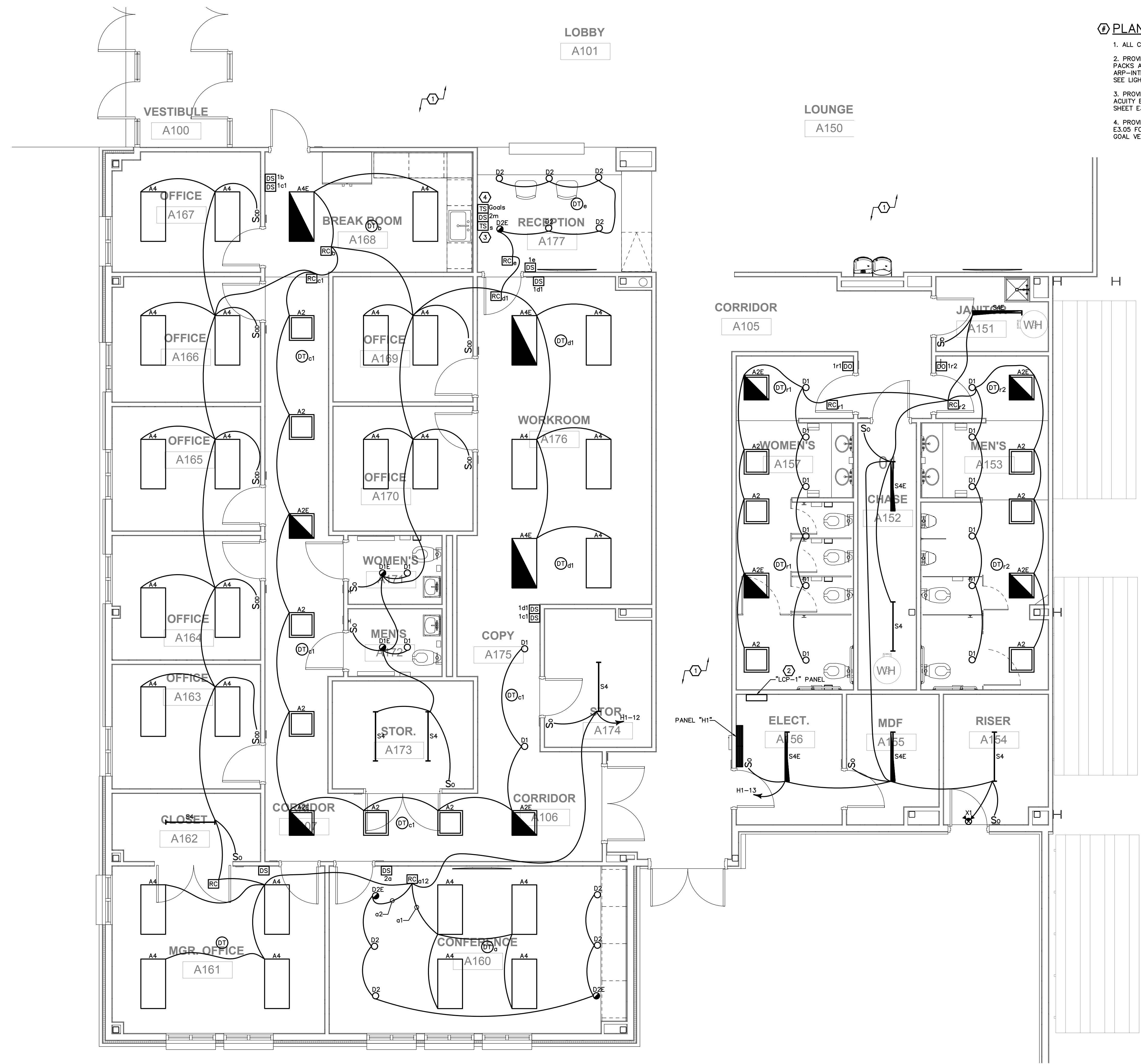
CONSTRUCTION DOCUMENTS

SHEET TITLE
SYSTEMS PLAN - 1ST FLOOR

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO. E2.01S

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L.
2. PROVIDE LIGHTING CONTROL PANEL WITH TIMECLOCK/SCHEDULER FOR THE INTERIOR RELAY PACKS AND EXTERIOR LIGHTING FIXTURES IN THE SYSTEM. PROVIDE ACUITY BRANDS ARP-INTENIG16-INVOLT WITH NECY-INVOLT ECLIPSE CONTROLLER OR APPROVED EQUAL. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.
3. PROVIDE TOUCHSCREEN CONTROLLER FOR COMMON AREA LIGHTING CONTROL. PROVIDE ACUITY BRANDS NPOD TOUCH OR APPROVED EQUAL. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.
4. PROVIDE TOUCHSCREEN CONTROLLER FOR BASKETBALL GOALS. SEE DETAIL ON SHEET E3.05 FOR MORE DETAILS. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH GOAL VENDOR PRIOR TO ROUGH-IN.



LIGHTING PLAN - ENLARGED ADMINISTRATION
SCALE: 1/4" = 1'-0"

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KEY PLAN



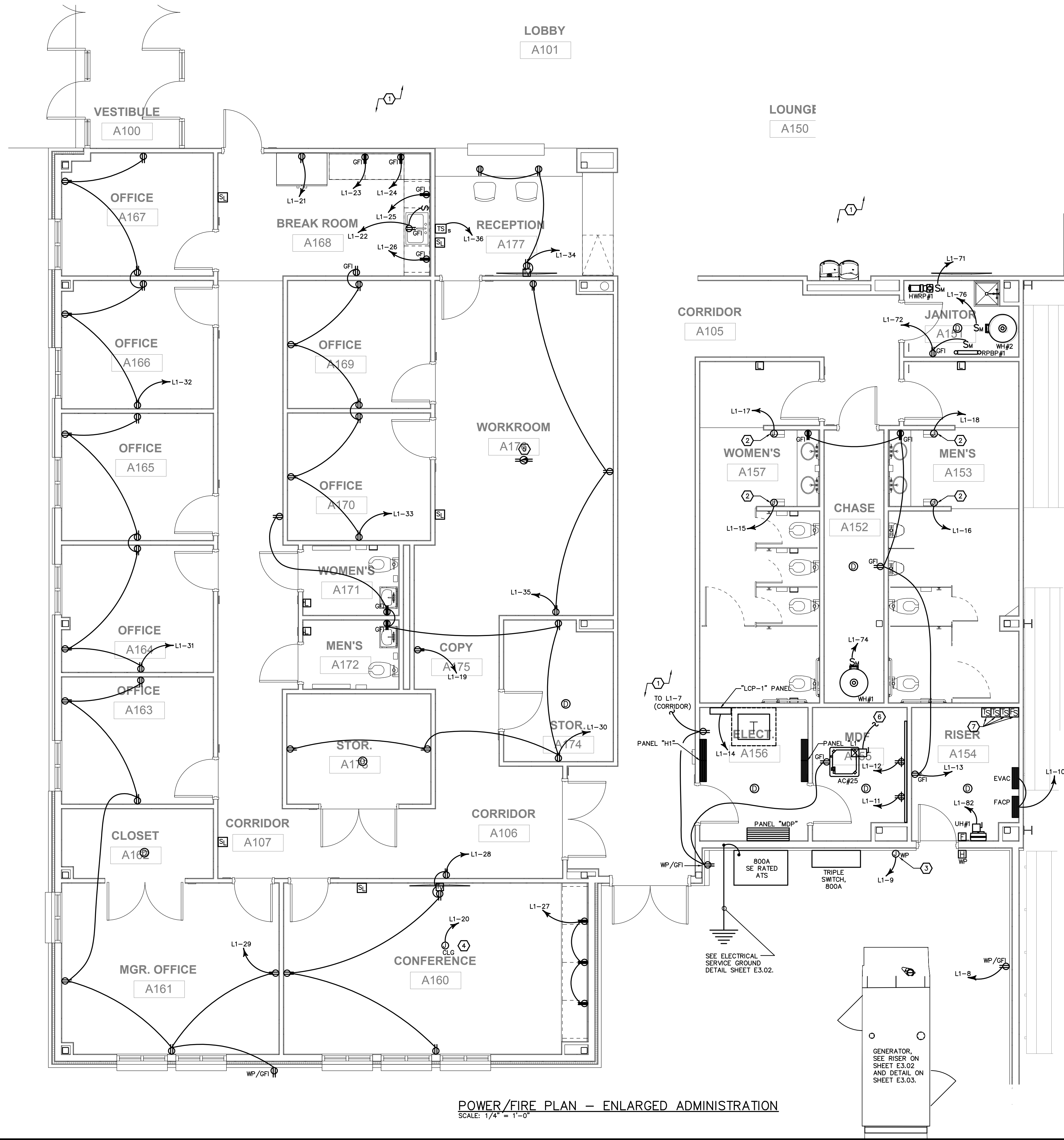
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
LIGHTING PLAN - ENLARGED ADMINISTRATION

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E2.02L



PLAN ELECTRICAL NOTES:

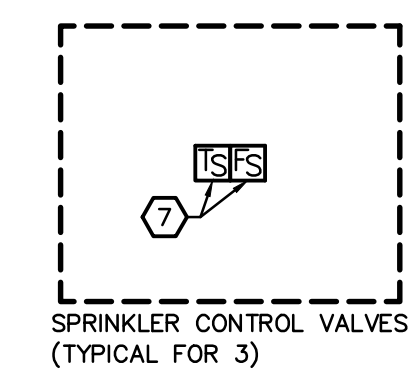
1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. POWER FOR HAND DRYER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. POWER FOR IRRIGATION CONTROLLER. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
4. POWER FOR CEILING MOUNTED PROJECTOR. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.
6. INDOOR UNIT POWERED BY OUTDOOR UNIT. COORDINATE INTERCONNECT WIRING WITH MECHANICAL PLANS PRIOR TO ROUGH-IN.
7. COORDINATE TAMPER AND FLOW SWITCH QUANTITIES AND LOCATIONS WITH MECHANICAL PLANS PRIOR TO ROUGH-IN.

MECHANICAL EQUIPMENT SCHEDULE						
UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCP (A)	DISCONNECT
UH#1(2)	UNIT HEATER	208	1	24.0	30	INTEGRAL DISCONNECT
AC#25(1)	AIR HANDLER	208	1	1.0	15	240/2/30

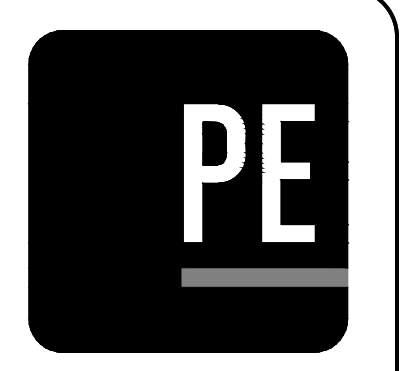
NOTES:
1. INDOOR UNIT POWERED BY OUTDOOR UNIT.
2. CONFIRM FLUSH MOUNTED DISCONNECT PROVIDED WITH UNIT.

PLUMBING EQUIPMENT SCHEDULE						
UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCP (A)	DISCONNECT
HWRP#1	RECIRC PUMP	120	1	0.1	20	MOTOR SWITCH
RBPB#1	BACKFLOW PREV	120	1	0.1	20	MOTOR SWITCH
WH#1	WATER HEATER	120	1	5.0	20	MOTOR SWITCH
WH#2	WATER HEATER	120	1	5.0	20	MOTOR SWITCH

NOTES:
1. NOT USED.

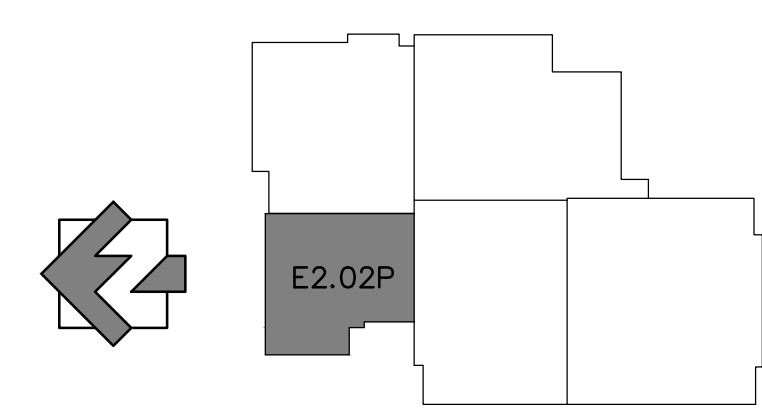


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PARSONSENGINEERING.COM

KEY PLAN



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

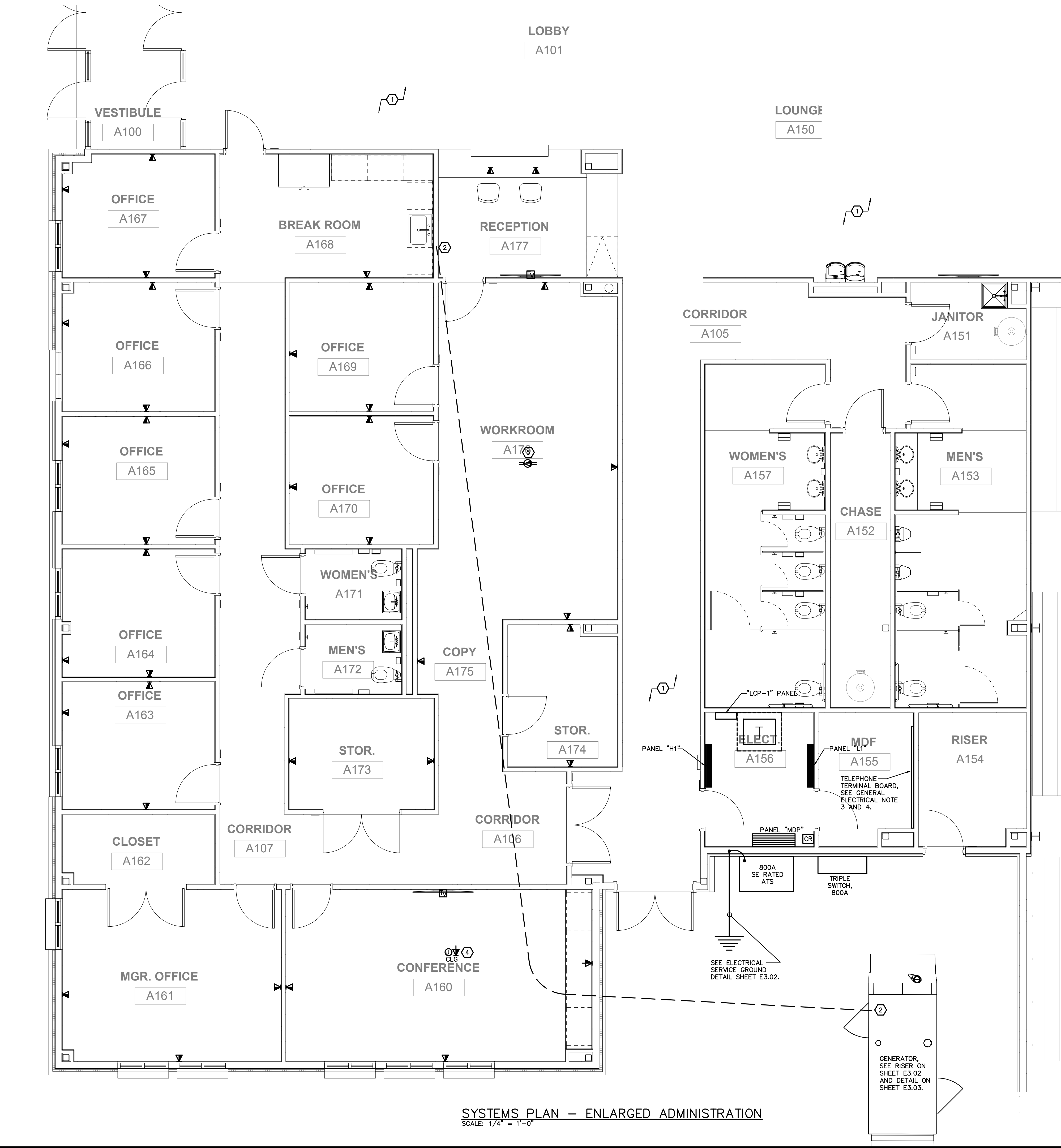
SHEET TITLE	
POWER/FIRE PLAN - ENLARGED ADMINISTRATION	
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E2.02P

POWER/FIRE PLAN -- ENLARGED ADMINISTRATION
SCALE: 1/4" = 1'-0"

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA SYSTEM DEVICES SHOWN ON SHEET E2.01S.
2. PROVIDE 1" C FROM GENERATOR TO RECEPTION AREA FOR REMOTE ANNUNCIATOR COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. NOT USED
4. CEILING MOUNTED PROJECTOR, COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
5. DATA FOR WIFI IN CEILING, COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.



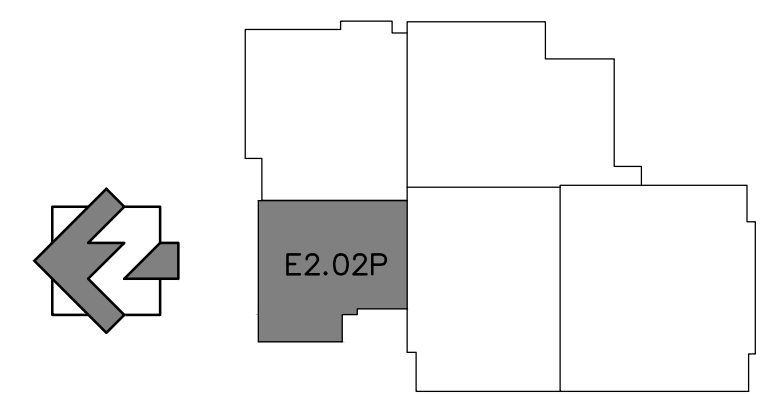
SYSTEMS PLAN – ENLARGED ADMINISTRATION
SCALE: 1/4" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION



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KEY PLAN



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

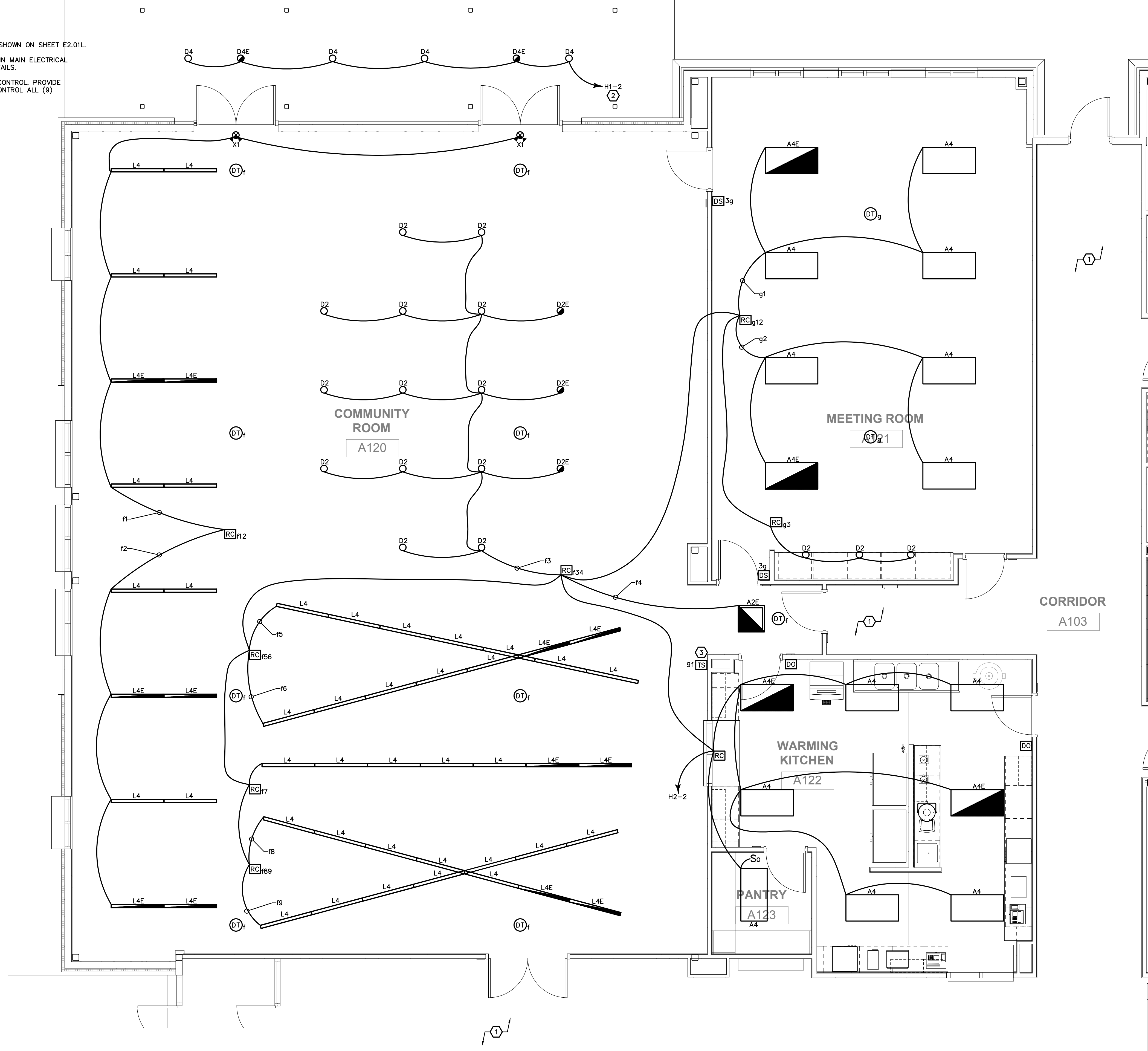
CONSTRUCTION DOCUMENTS

SHEET TITLE	
SYSTEMS PLAN - ENLARGED ADMINISTRATION	
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E2.02S

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L.
2. ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP-1" IN MAIN ELECTRICAL ROOM. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.
3. PROVIDE TOUCHSCREEN CONTROLLER FOR COMMUNITY ROOM LIGHTING CONTROL. PROVIDE ACUITY BRANDS NPOD TOUCH OR APPROVED EQUAL TOUCHSCREEN TO CONTROL ALL (9) LIGHTING ZONES IN SPACE.



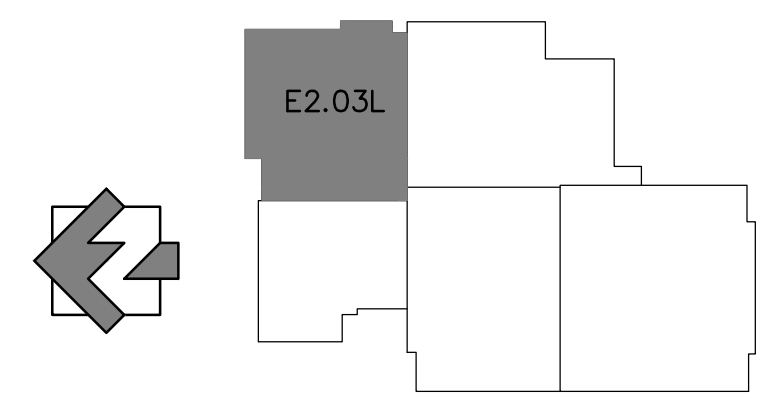
LIGHTING PLAN – ENLARGED COMMUNITY ROOM
SCALE: 1/4" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION



PARSONS
ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

KEY PLAN



SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE

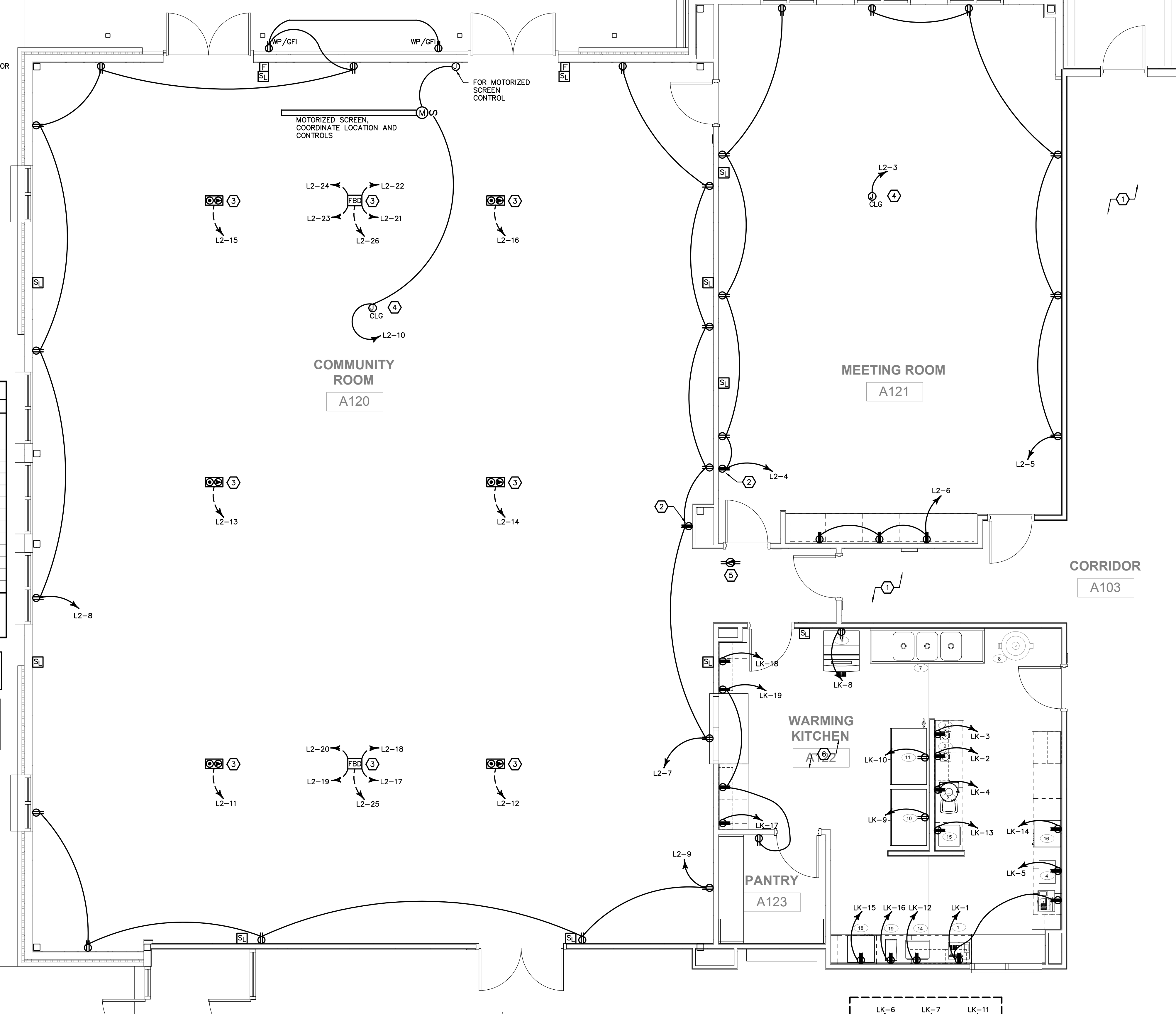
LIGHTING PLAN - ENLARGED COMMUNITY ROOM

PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	
JKM	
SHEET NO.	

E2.03L

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. POWER FOR WALL CLOCK. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. POWER FOR CEILING MOUNTED PROJECTOR. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.
6. COORDINATE ALL WARMING KITCHEN EQUIPMENT REQUIREMENTS WITH KITCHEN VENDOR PRIOR TO ROUGH-IN. CONFIRM VOLTAGE, AMPERAGE, OVERCURRENT PROTECTION, AND NEMA CONFIGURATION WITH KITCHEN VENDOR.



ELECTRICAL EQUIPMENT SCHEDULE (WARMING KITCHEN)

ITEM #	ITEM DESCRIPTION	QUANTITY	VOLTAGE (V)	PHASE	AMPS (A)	MOCP (A)	CONNECTION	AFF
1	REGISTER POS	2	120	1	2.0	20	5-20P	(3)
2	BLENDER	2	120	1	13.0	20	5-20P	(3)
3	ORANGE JUICE	1	120	1	2.3	20	5-20P	(3)
4	POPCORN MACHINE	1	120	1	10.0	20	5-20P	(3)
5	MESSAGE BOARD	1	120	1	-	20	5-20P	(3)
6	ICE MAKER	1	120	1	-	20	5-20P	(3)
9	ICE CREAM	1	120	1	-	20	5-20P	(3)
10	REACH-IN FRIDGE	1	120	1	5.7	20	5-20P	(3)
11	REACH-IN FREEZER	1	120	1	-	20	5-20P	(3)
13	MERCHANDISER/COOLER	1	120	1	6.0	20	5-20P	(3)
14	MICROWAVE	1	120	1	8.3	20	5-20P	(3)
15	SHAVED ICE	1	120	1	5.3	20	5-20P	(3)
16	FOOD WARMER	1	120	1	13.1	20	5-20P	(3)
18	NACHO CHIP WARMER	1	120	1	-	20	5-20P	(3)
19	CHEESE WARMER	1	120	1	4.6	20	5-20P	(3)

NOTES:
 (1) COORDINATE ALL ELECTRICAL REQUIREMENTS WITH KITCHEN VENDOR PRIOR TO ROUGH-IN. ALL ELECTRICAL INFORMATION SHOWN IS TYPICAL FOR THE SPECIFIC KITCHEN EQUIPMENT LISTED.
 (2) ALL 15A AND 20A RECEPTACLES LOCATED IN WARMING KITCHEN SHALL BE GFI TYPE. GFI RESET SHALL BE ACCESSIBLE.
 (3) CONFIRM MOUNTING HEIGHT WITH KITCHEN VENDOR.

FIELD VERIFY ELECTRICAL REQUIREMENTS FOR ALL KITCHEN EQUIPMENT PRIOR TO ROUGH-IN. PROVIDE CIRCUITS PER EQUIPMENT NAMEPLATE DATA.

PER 2017 EDITION OF NEC, ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPS OR LESS AND THREE PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPS OR LESS, INSTALLED IN KITCHEN, SERVICE & PREP AREAS SHALL HAVE GFCI PROTECTION FOR PERSONNEL.

REFER TO FOODSERVICE EQUIPMENT ELECTRICAL CONNECTION PLAN SCHEDULE AND NOTES FOR SPECIFIC INSTALLATION REQUIREMENTS AND MOUNTING HEIGHTS OF CONNECTIONS INDICATED FOR ALL KITCHEN/BAR EQUIPMENT.

PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. SIZE DISCONNECTING MEANS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

REFER TO OWNER'S A/V AND SECURITY DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS. COORDINATE MOUNTING HEIGHT OF ASSOCIATED RECEPTACLES AND/OR 120 VOLT CONNECTIONS WITH APPROPRIATE VENDOR PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL BOXES AND CONDUIT AS REQUIRED BY THE VENDOR DRAWINGS.

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SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

KEY PLAN



CONSTRUCTION DOCUMENTS

SHEET TITLE
POWER/FIRE PLAN - ENLARGED COMMUNITY ROOM

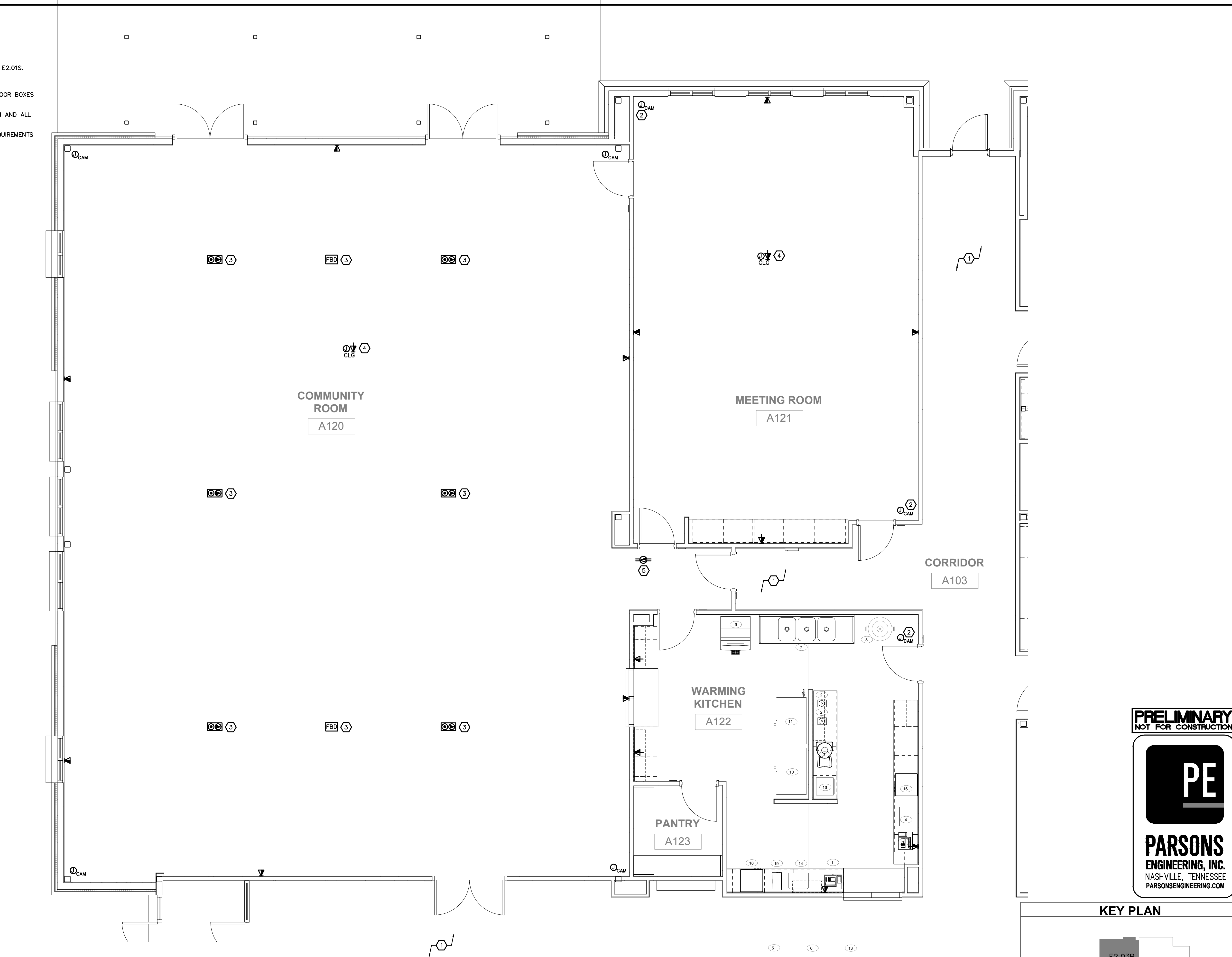
PROJECT NO. **21091** DATE **06/21/2024**
 DRAWN BY **JKM** SCALE
 CHECKED BY **JKM** **AS SHOWN**
 SHEET NO.

E2.03P

POWER/FIRE PLAN -- ENLARGED COMMUNITY ROOM
SCALE: 1/4" = 1'-0"

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA SYSTEM DEVICES SHOWN ON SHEET E2.01S.
2. CAMERA TO BE MOUNTED TO CEILING GRID.
3. SEE GENERAL ELECTRICAL NOTE 6. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. DATA FOR CEILING MOUNTED PROJECTOR, COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.



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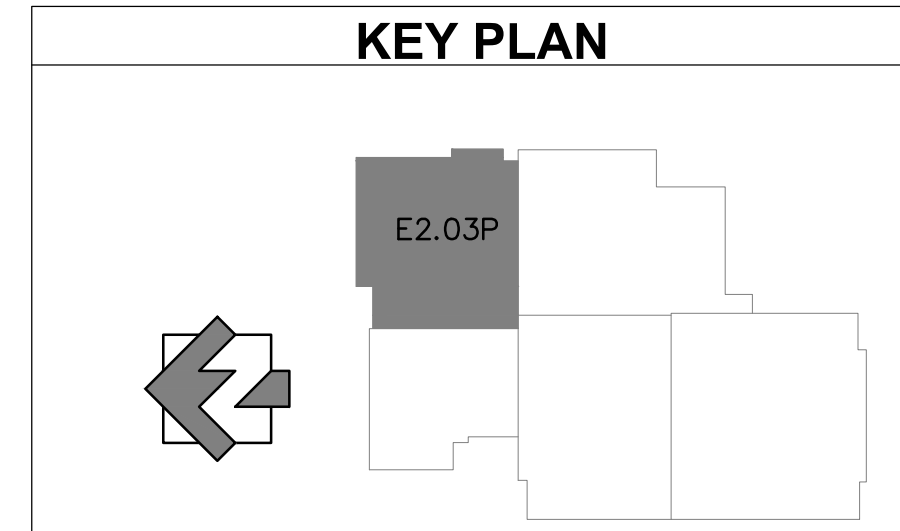
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SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

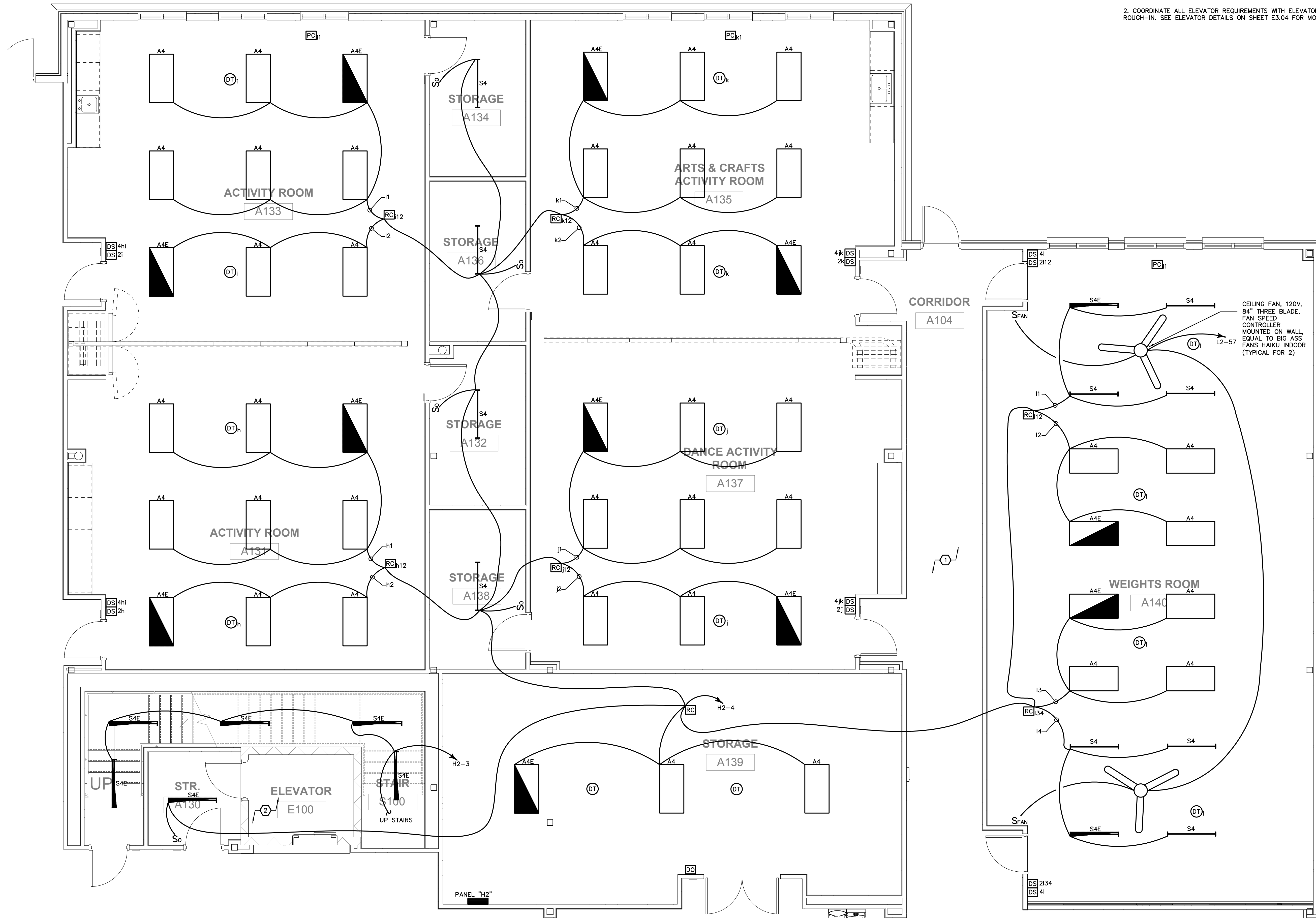
SHEET TITLE	
SYSTEMS PLAN - ENLARGED COMMUNITY ROOM	
PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	SHEET NO.
JKM	E2.03S



SYSTEMS PLAN - ENLARGED COMMUNITY ROOM
SCALE: 1/4" = 1'-0"

PLAN ELECTRICAL NOTES:

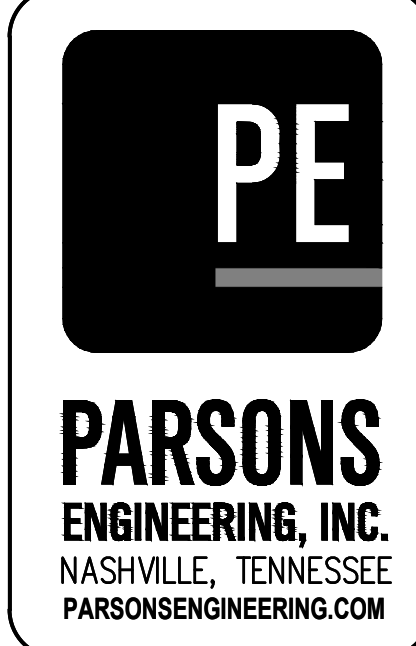
1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L.
2. COORDINATE ALL ELEVATOR REQUIREMENTS WITH ELEVATOR VENDOR PRIOR TO ROUGH-IN. SEE ELEVATOR DETAILS ON SHEET E3.04 FOR MORE DETAILS.



CEILING FAN, 120V, 84" THREE BLADE, FAN SPEED CONTROLLER MOUNTED ON WALL, EQUAL TO BIG ASS FANS HAIKU INDOOR (TYPICAL FOR 2)

LIGHTING PLAN - ENLARGED CLASSROOMS
SCALE: 1/4" = 1'-0"

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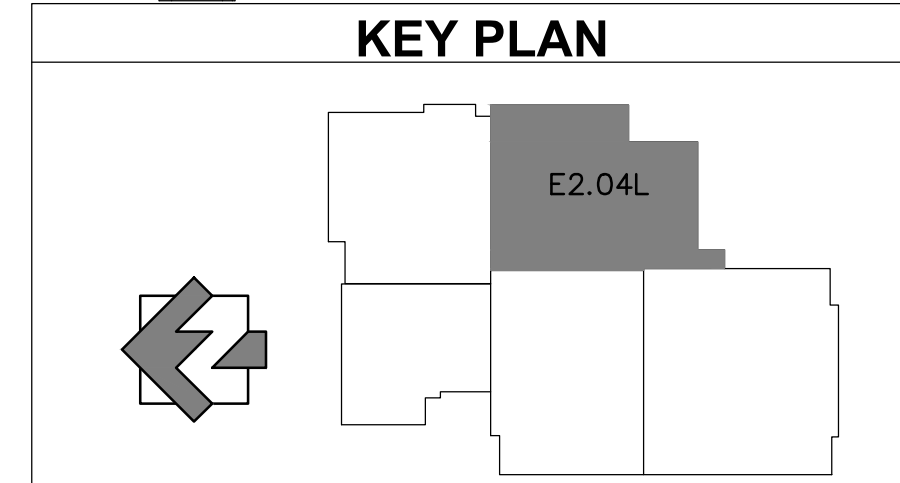
PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

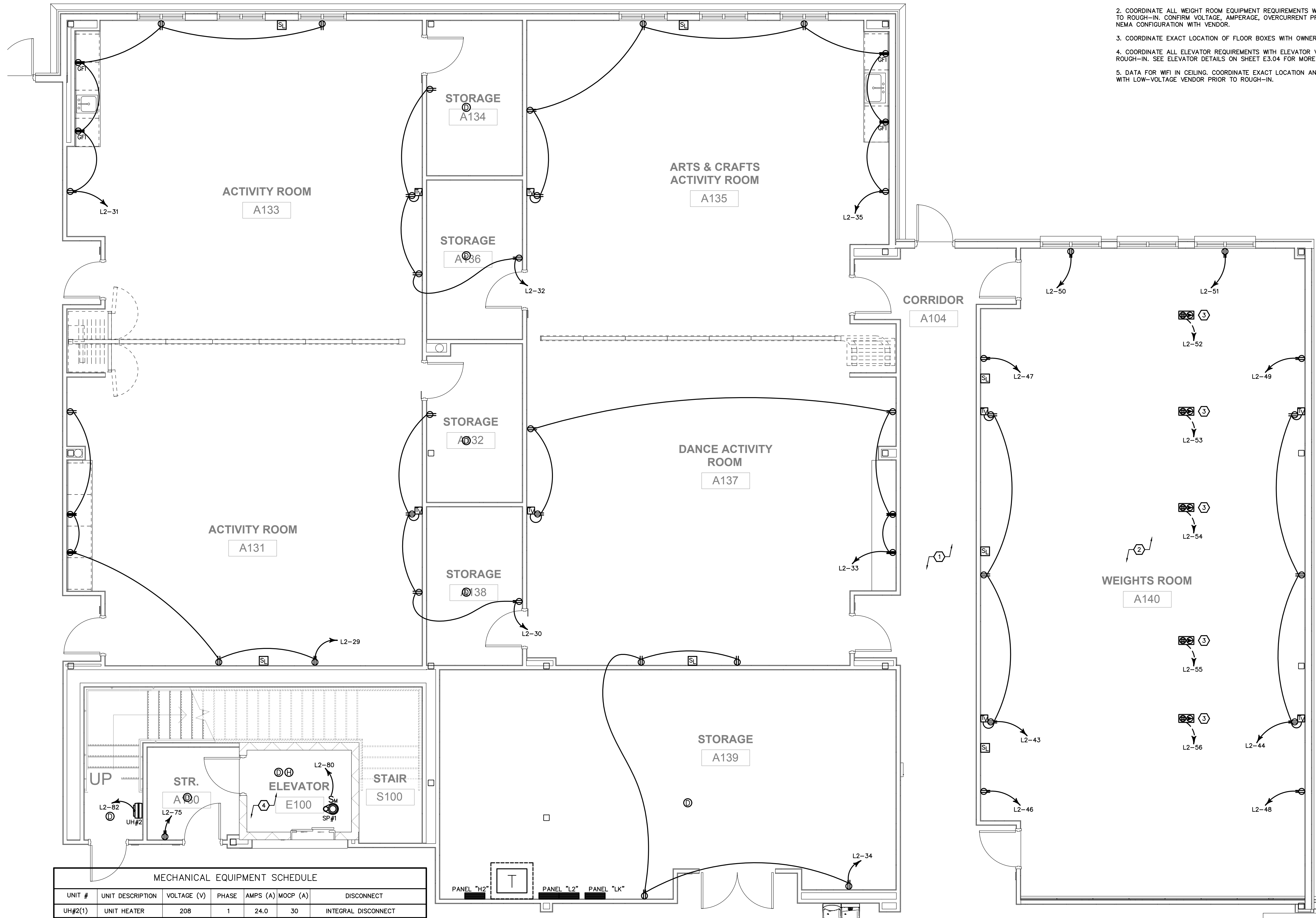
SHEET TITLE
LIGHTING PLAN - ENLARGED CLASSROOMS

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO. E2.04L

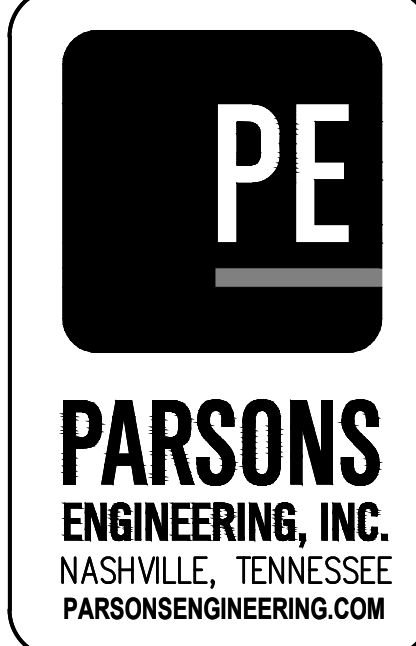


PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. COORDINATE ALL WEIGHT ROOM EQUIPMENT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. CONFIRM VOLTAGE, AMPERAGE, OVERCURRENT PROTECTION, AND NEMA CONFIGURATION WITH VENDOR.
3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. COORDINATE ALL ELEVATOR REQUIREMENTS WITH ELEVATOR VENDOR PRIOR TO ROUGH-IN. SEE ELEVATOR DETAILS ON SHEET E3.04 FOR MORE DETAILS.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.



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MECHANICAL EQUIPMENT SCHEDULE

UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCP (A)	DISCONNECT
UH#2(1)	UNIT HEATER	208	1	24.0	30	INTEGRAL DISCONNECT

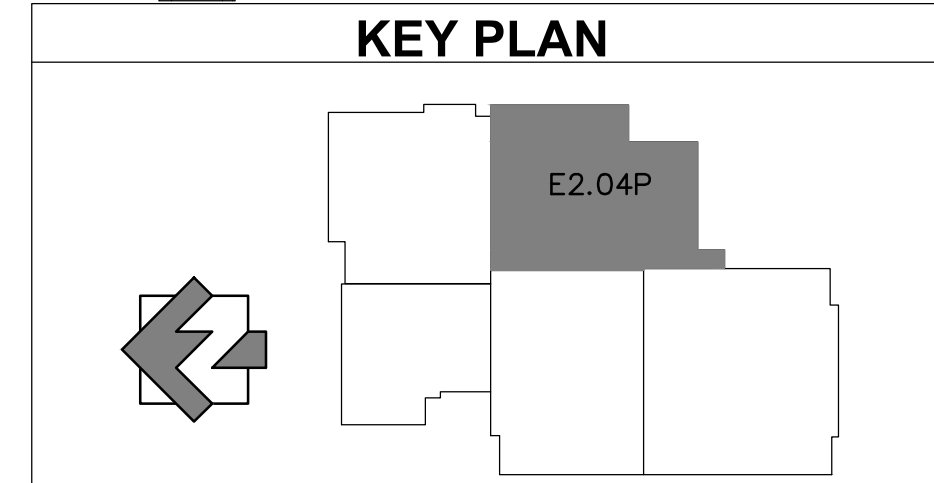
NOTES:
1. CONFIRM FLUSH MOUNTED DISCONNECT PROVIDED WITH UNIT.

PLUMBING EQUIPMENT SCHEDULE

UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCP (A)	DISCONNECT
SP#1	SUMP PUMP	120	1	9.8	20	MOTOR SWITCH

NOTES:
1. NOT USED.

POWER/FIRE PLAN -- ENLARGED CLASSROOMS
SCALE: 1/4" = 1'-0"



SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE: **POWER/FIRE PLAN - ENLARGED CLASSROOMS**

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	
SHEET NO. E2.04P	

PLAN ELECTRICAL NOTES:

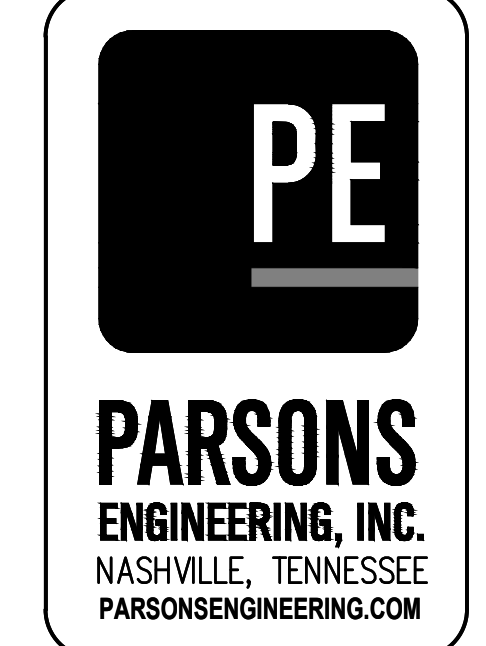
- 1. ALL CORRIDOR AND COMMON AREA SYSTEM DEVICES SHOWN ON SHEET E2.01S.
- 2. CAMERA TO BE MOUNTED TO CEILING GRID.
- 3. SEE GENERAL ELECTRICAL NOTE 6. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
- 4. PROVIDE 1" C INTO ELEVATOR SHAFT FOR CAB COMMUNICATIONS.
- 5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.



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CONSTRUCTION DOCUMENTS

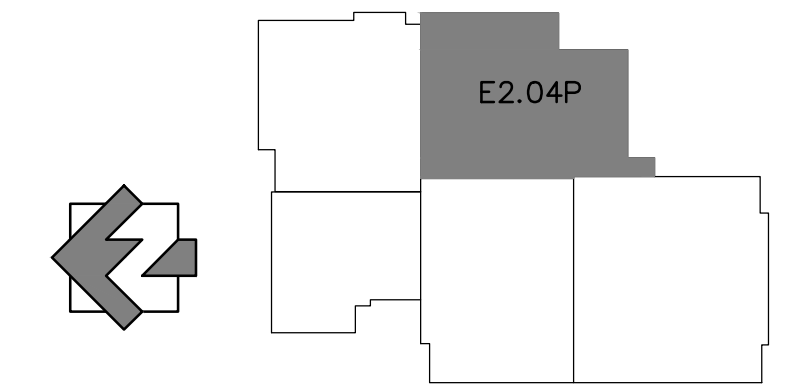
SHEET TITLE

SYSTEMS PLAN - ENLARGED CLASSROOMS

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO.

E2.04S

KEY PLAN



SYSTEMS PLAN – ENLARGED CLASSROOMS
SCALE: 1/4" = 1'-0"

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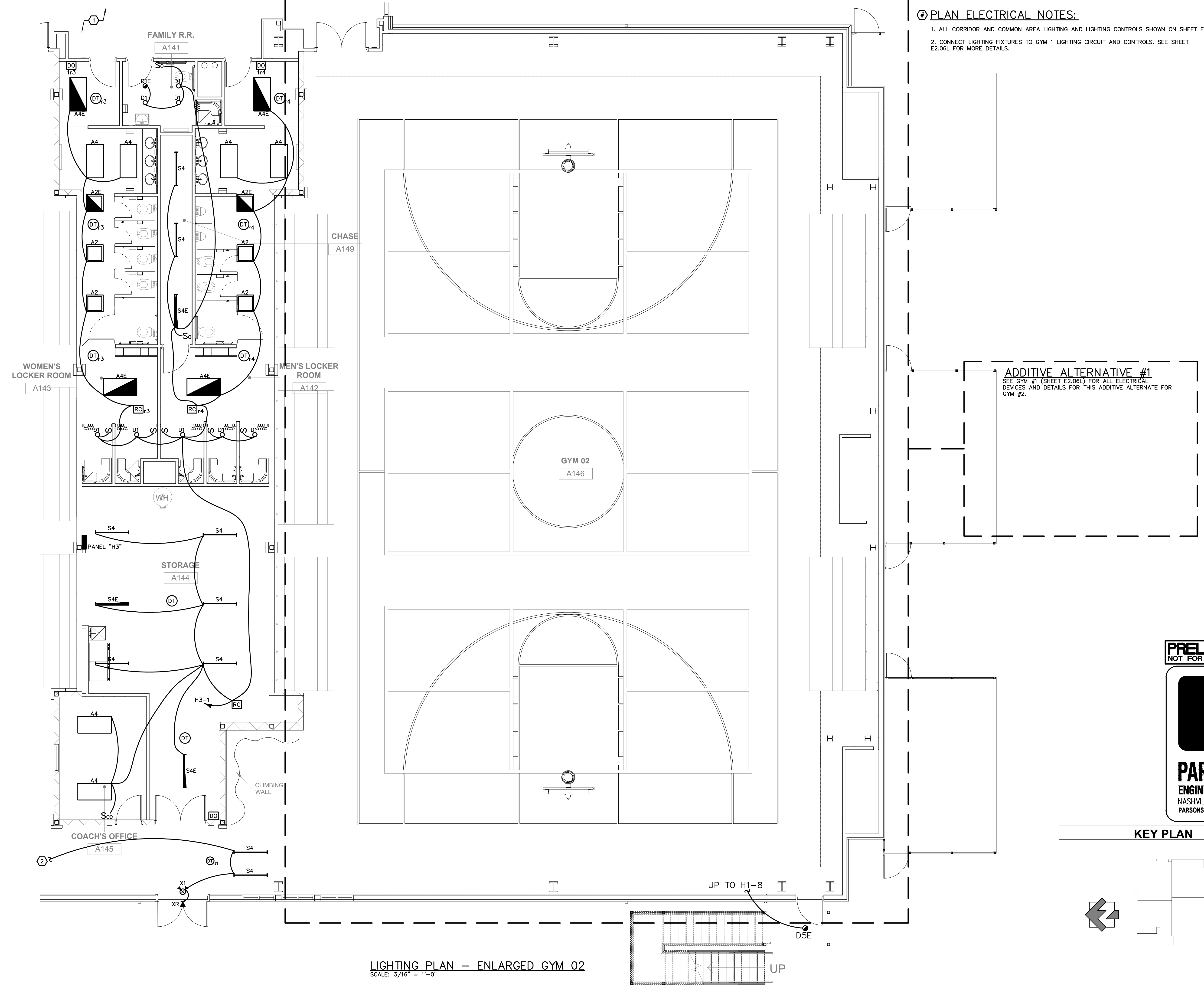
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE	
LIGHTING PLAN - ENLARGED GYM 02	
PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	SHEET NO.
JKM	E2.05L

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L.
2. CONNECT LIGHTING FIXTURES TO GYM 1 LIGHTING CIRCUIT AND CONTROLS. SEE SHEET E2.06L FOR MORE DETAILS.

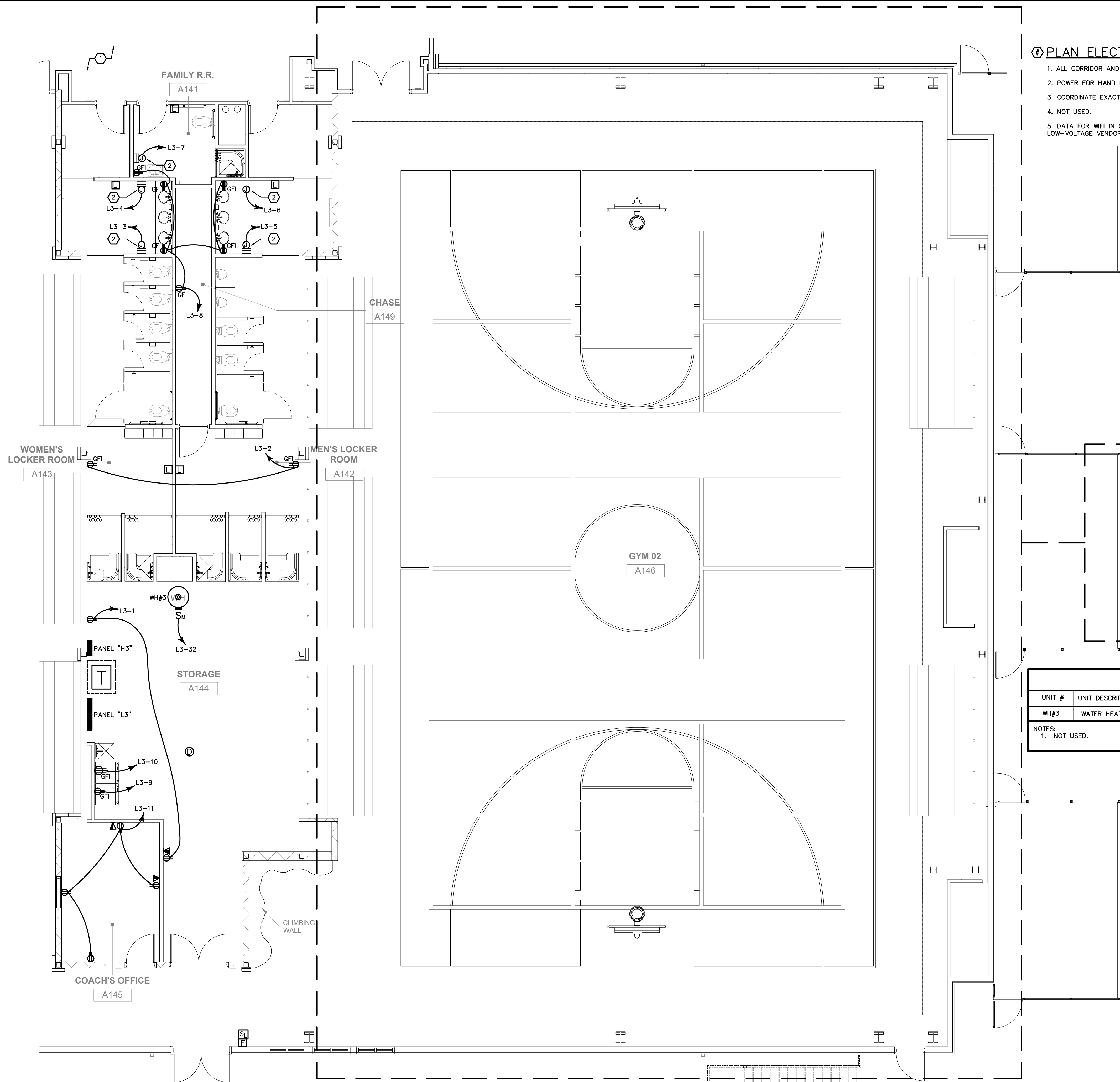


ADDITIVE ALTERNATIVE #1
SEE GYM #1 (SHEET E2.06L) FOR ALL ELECTRICAL DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

KEY PLAN



LIGHTING PLAN - ENLARGED GYM 02
SCALE: 3/16" = 1'-0"



- PLAN ELECTRICAL NOTES:**
1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
 2. POWER FOR HAND DRYER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
 4. NOT USED.
 5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.

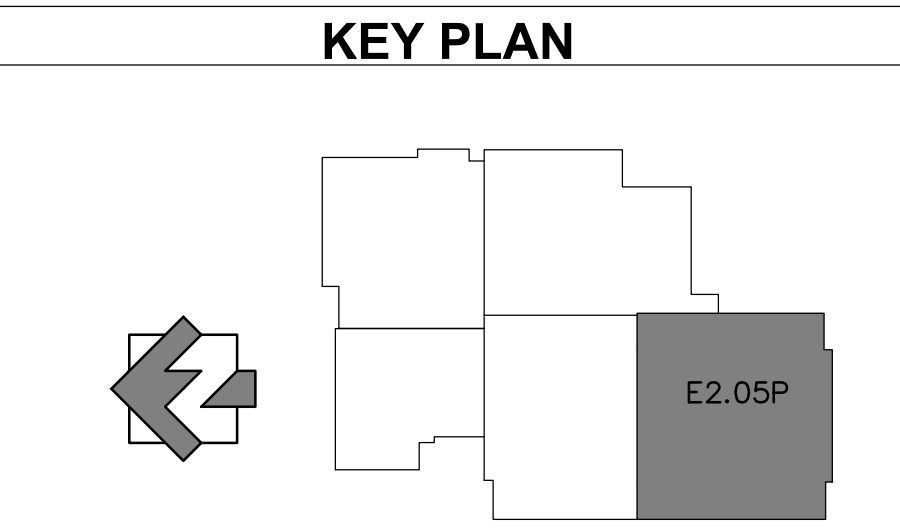
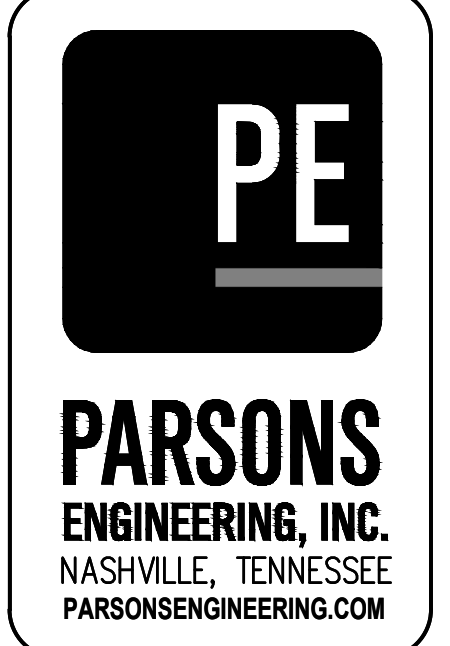
ADDITIVE ALTERNATIVE #1
SEE GYM #1 (SHEET E2.06P) FOR ALL ELECTRICAL DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

PLUMBING EQUIPMENT SCHEDULE

UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCOP (A)	DISCONNECT
WH#3	WATER HEATER	120	1	5.0	20	MOTOR SWITCH

NOTES:
1. NOT USED.

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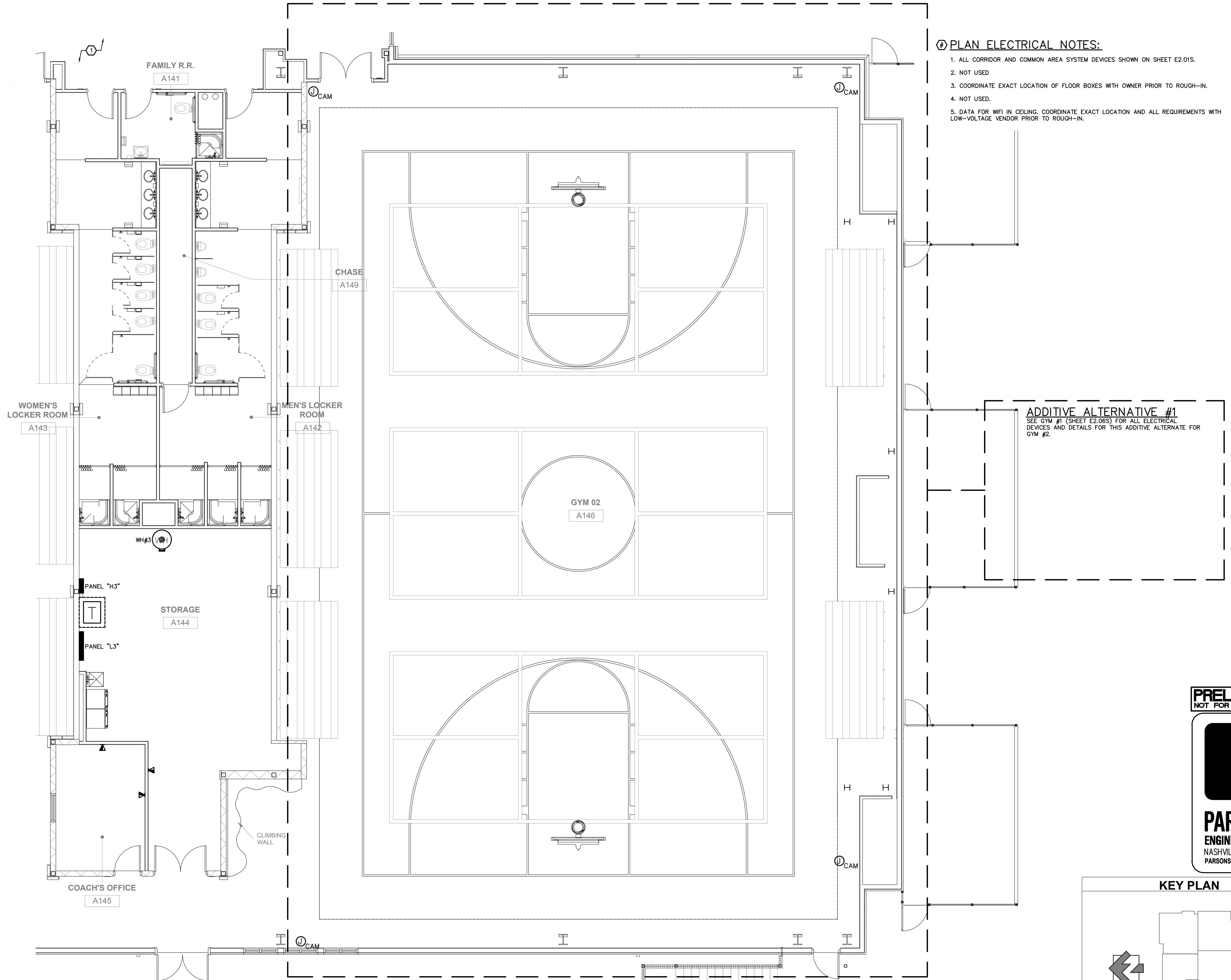
CONSTRUCTION DOCUMENTS

SHEET TITLE	
POWER/SYSTEMS PLAN - ENLARGED GYM 02	
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO. E2.05P

POWER/SYSTEMS PLAN - ENLARGED GYM 02
SCALE: 3/16" = 1'-0"

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA SYSTEM DEVICES SHOWN ON SHEET E2.01S.
2. NOT USED.
3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. NOT USED.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.



ADDITIVE ALTERNATIVE #1
SEE GYM #1 (SHEET E2.06S) FOR ALL ELECTRICAL DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

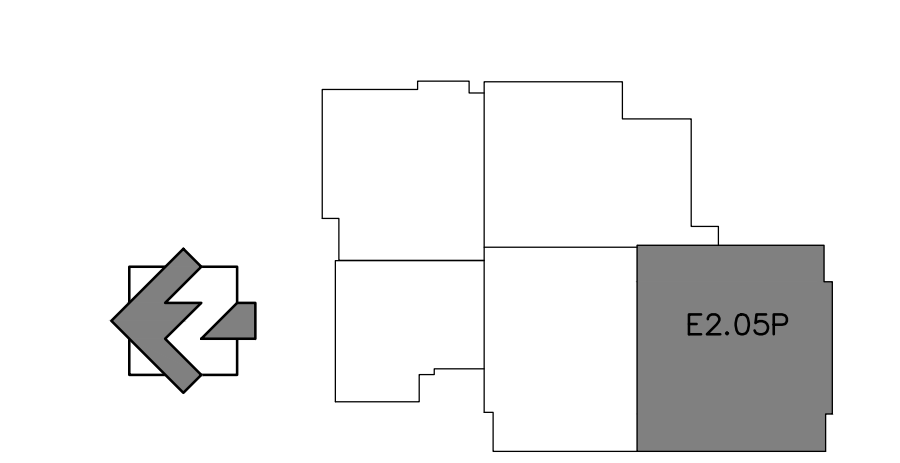
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NO	DESCRIPTION

KEY PLAN



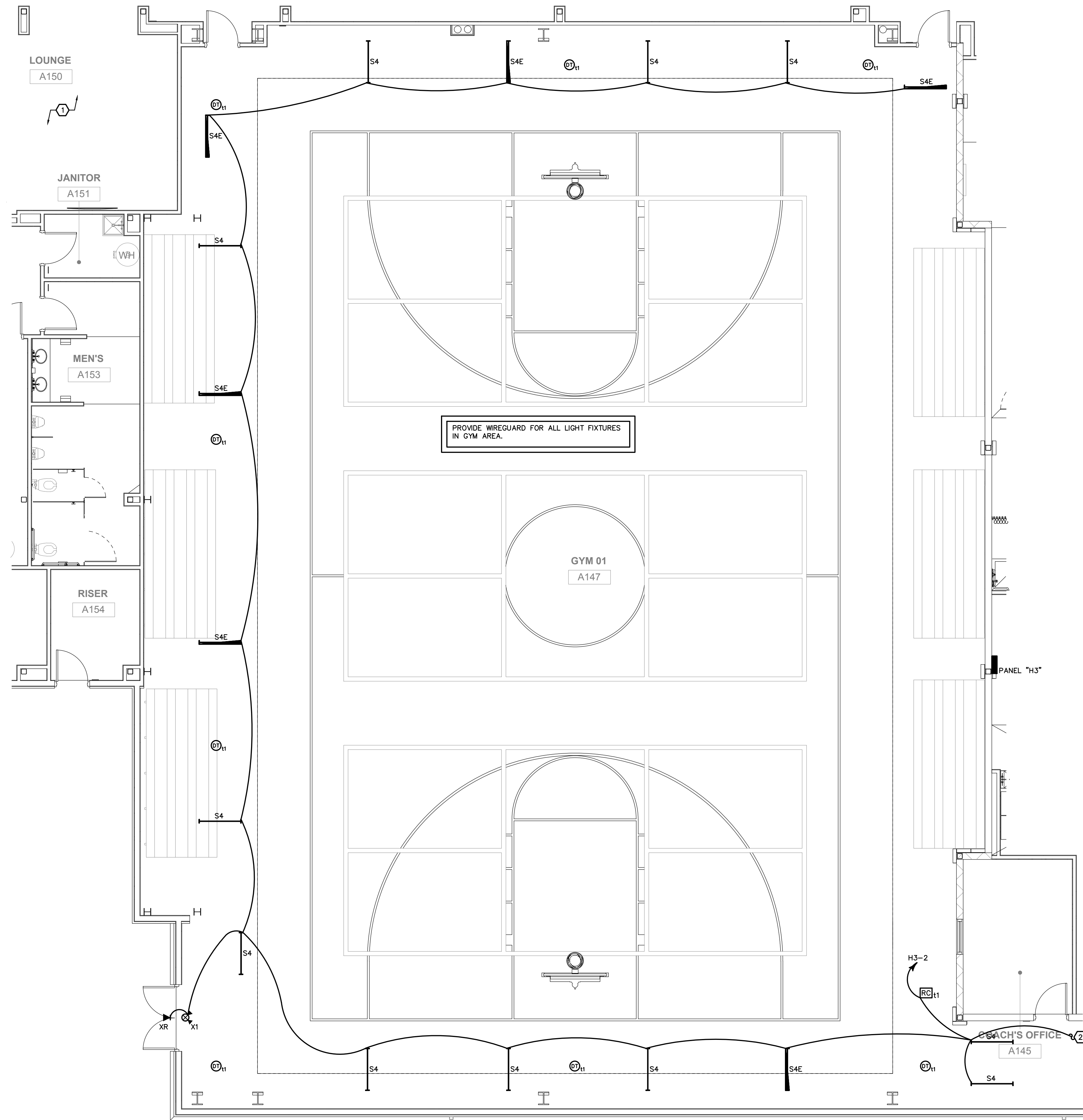
CONSTRUCTION DOCUMENTS

SHEET TITLE	
SYSTEMS PLAN - ENLARGED GYM 02	
PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	SHEET NO.
JKM	E2.05S

SYSTEMS PLAN - ENLARGED GYM 02
SCALE: 3/16" = 1'-0"

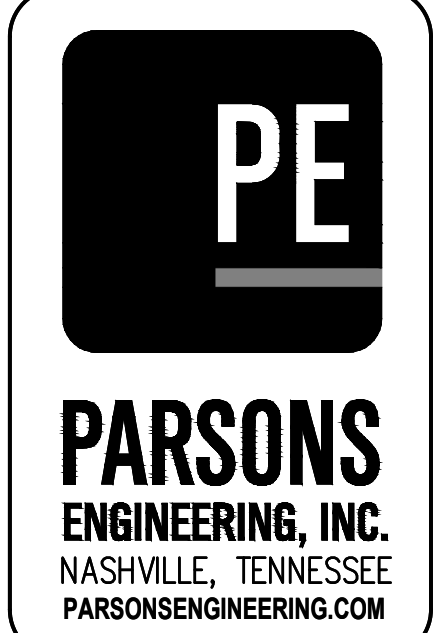
PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L.
2. CONNECT LIGHTING FIXTURES TO GYM 2 LIGHT FIXTURES AT ENTRANCE. SEE SHEET E2.05L FOR MORE DETAILS.

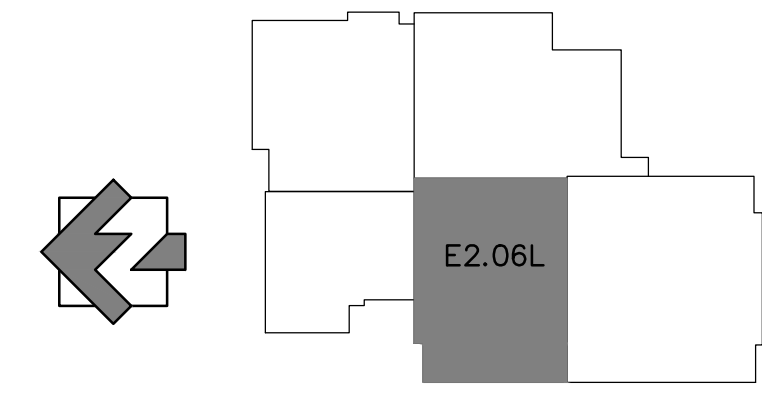


LIGHTING PLAN – ENLARGED GYM 01
SCALE: 3/16" = 1'-0"

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KEY PLAN



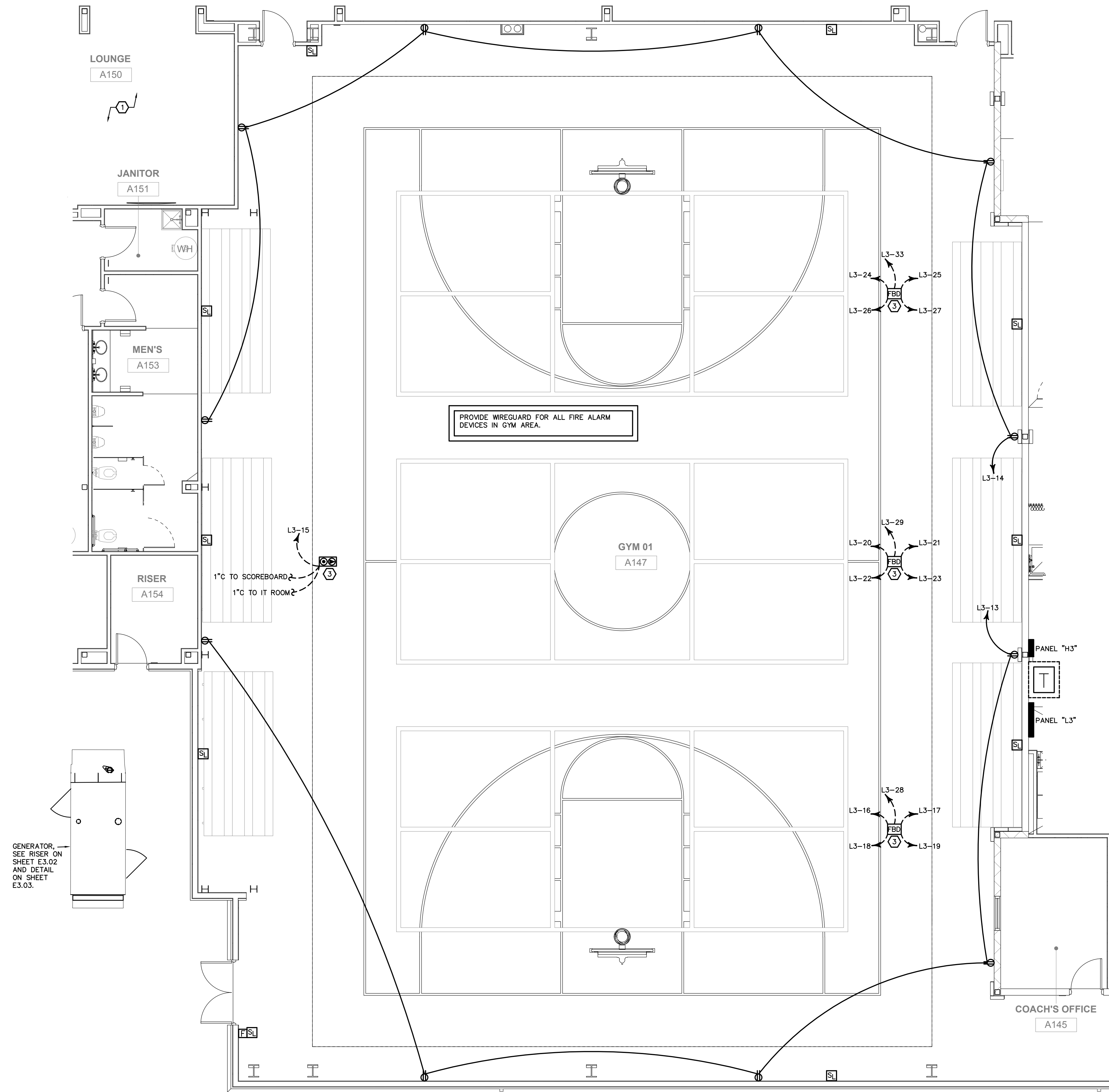
SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE			
LIGHTING PLAN - ENLARGED GYM 01			
PROJECT NO.	DATE	DRAWN BY	SCALE
21091	06/21/2024	JKM	AS SHOWN
CHECKED BY	JKM	SHEET NO.	
		E2.06L	

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. NOT USED.
3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.



POWER/FIRE PLAN -- ENLARGED GYM 01
SCALE: 3/16" = 1'-0"

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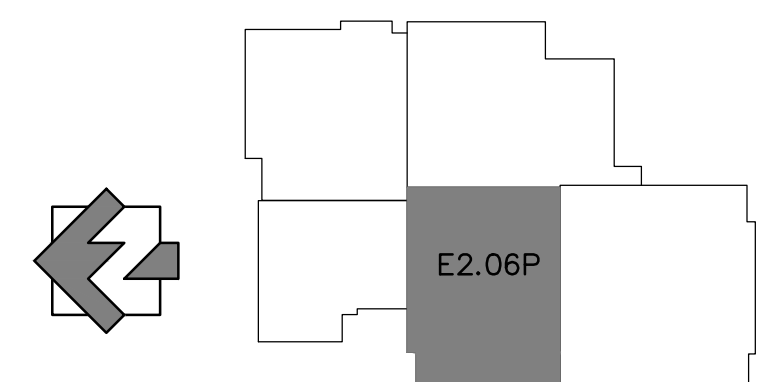
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE	
POWER/FIRE PLAN - ENLARGED GYM 01	
PROJECT NO.	DATE
21091	06/21/2024
DRAWN BY	SCALE
JKM	AS SHOWN
CHECKED BY	
JKM	
SHEET NO.	

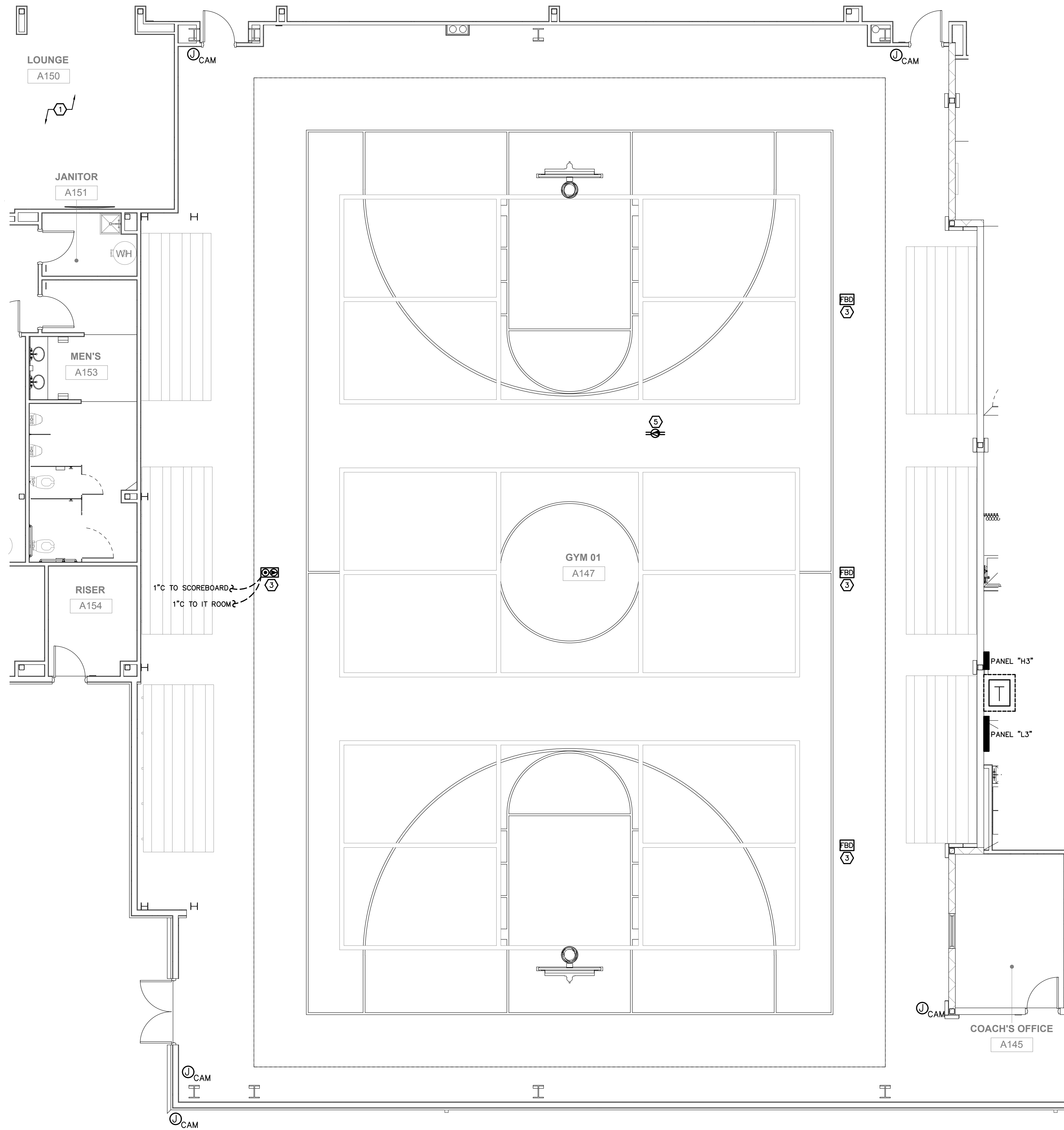
E2.06P

KEY PLAN



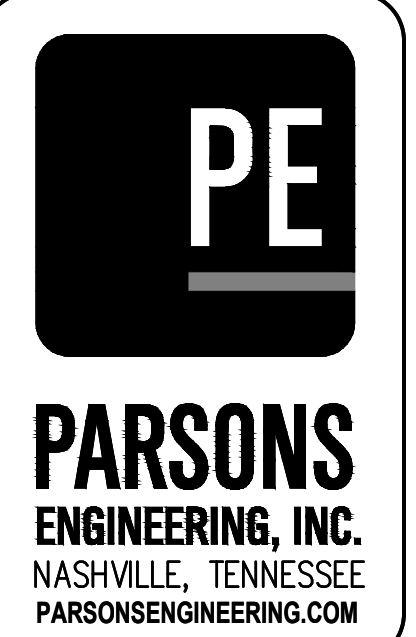
PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. NOT USED.
3. SEE GENERAL ELECTRICAL NOTE 6. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. NOT USED.
5. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.

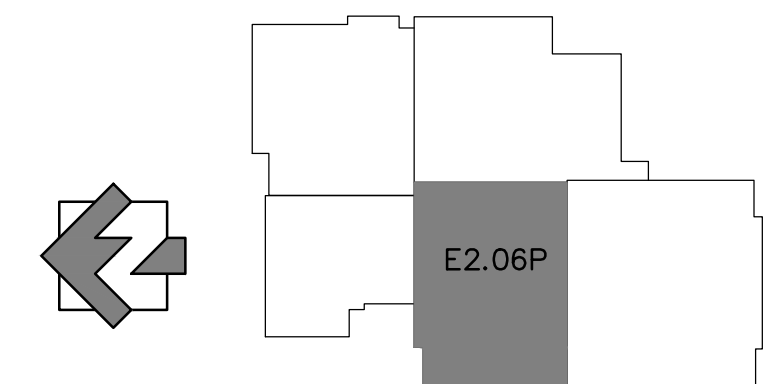


SYSTEMS PLAN – ENLARGED GYM 01
SCALE: 3/16" = 1'-0"

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KEY PLAN



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

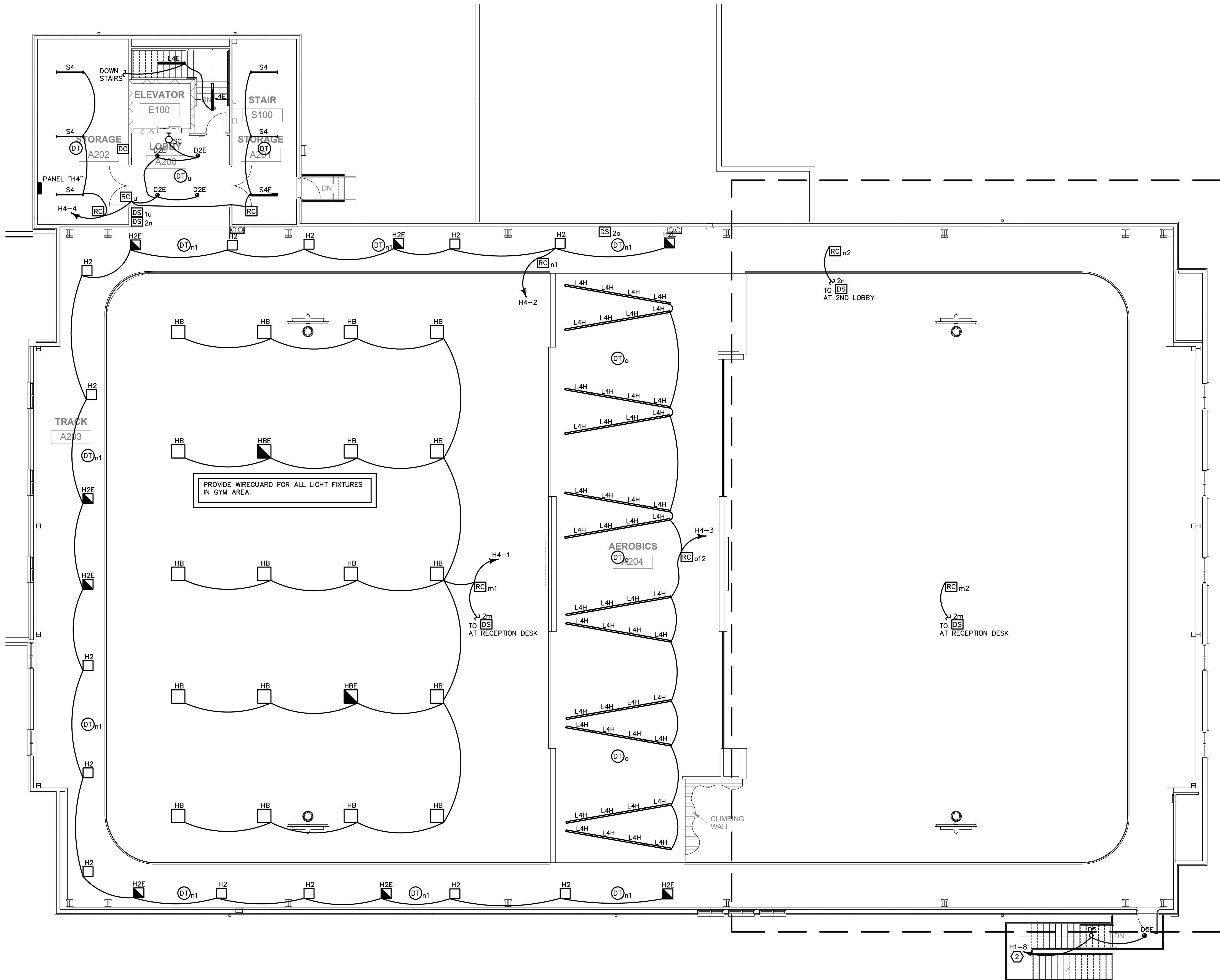
SHEET TITLE
SYSTEMS PLAN - ENLARGED GYM 01

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E2.06S

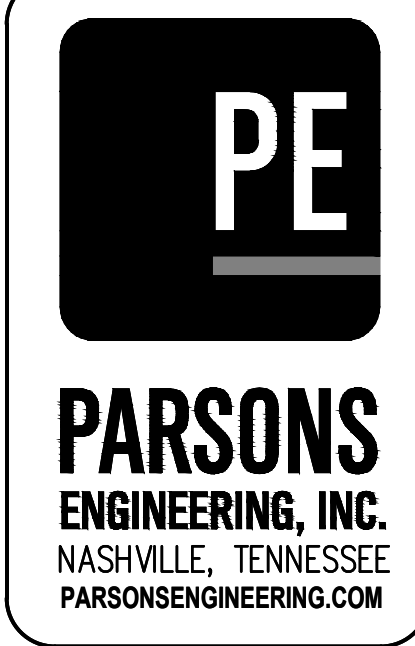
② PLAN ELECTRICAL NOTES:

- 1. ALL CORRIDOR AND COMMON AREA LIGHTING AND LIGHTING CONTROLS SHOWN ON SHEET E2.01L
- 2. ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP-1" IN MAIN ELECTRICAL ROOM. SEE LIGHTING CONTROL SCHEDULE ON SHEET E3.05 FOR MORE DETAILS.

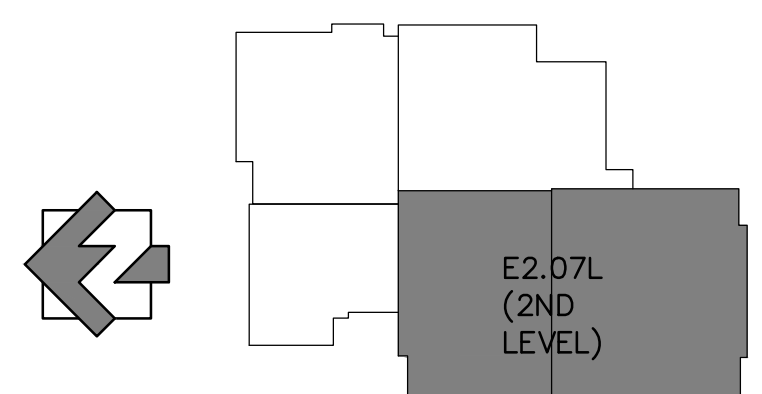


ADDITIVE ALTERNATIVE #1
SEE GYM #1 (THIS SHEET) FOR ALL ELECTRICAL DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

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KEY PLAN



FAYETTE MULTIUSE FACILITY

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FAYETTE COUNTY

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NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
LIGHTING PLAN - 2ND FLOOR

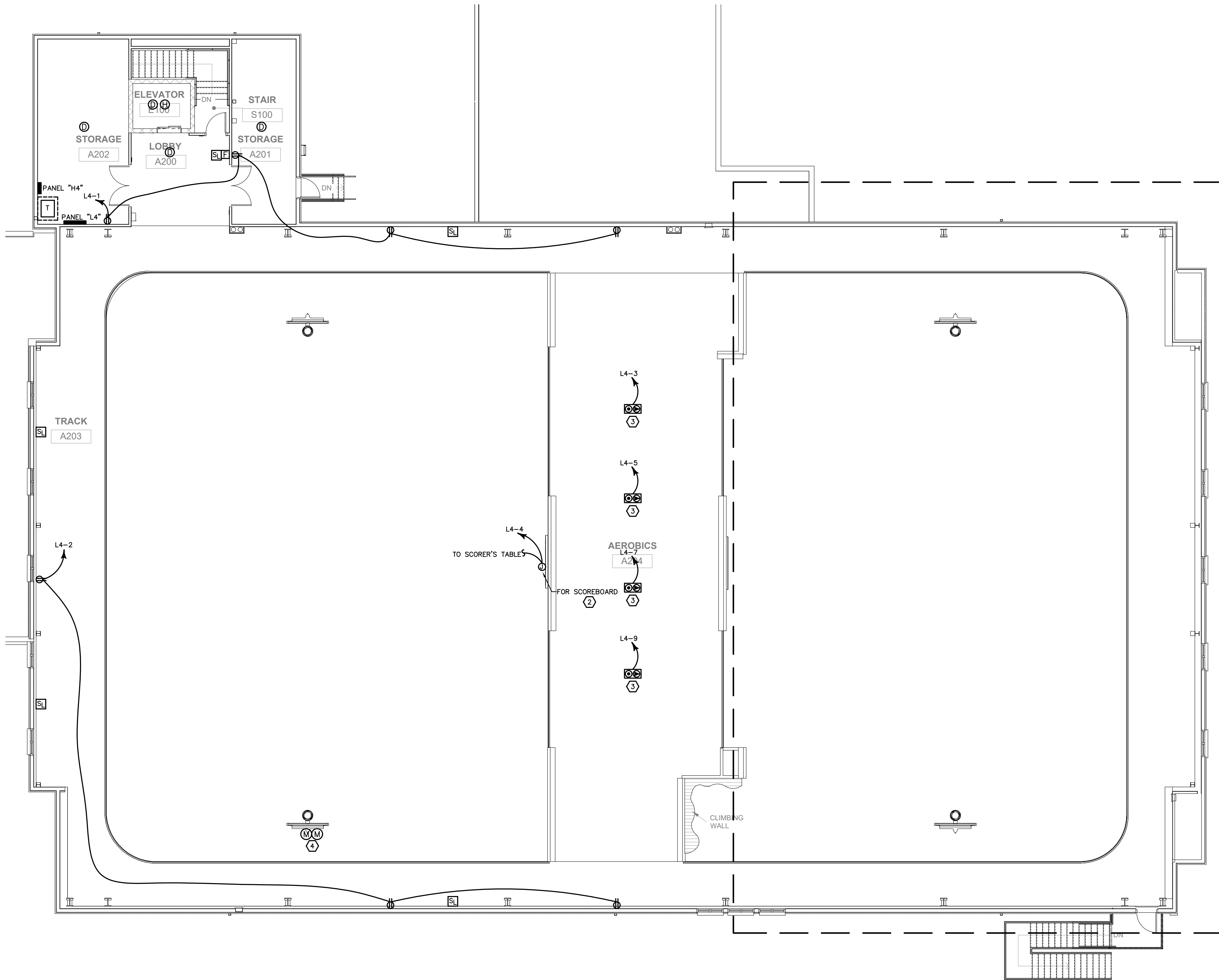
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO.

E2.07L

LIGHTING PLAN - 2ND FLOOR
SCALE: 1/8" = 1'-0"

PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01P.
2. COORDINATE EXACT LOCATION OF SCOREBOARD WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. PROVIDE ALL REQUIREMENTS NEEDED PER SCOREBOARD VENDOR PLANS.
3. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. COORDINATE EXACT LOCATION OF GOAL MOTORS WITH GOAL VENDOR PRIOR TO ROUGH-IN. PROVIDE ALL REQUIREMENTS NEEDED PER GOAL VENDOR PLANS.

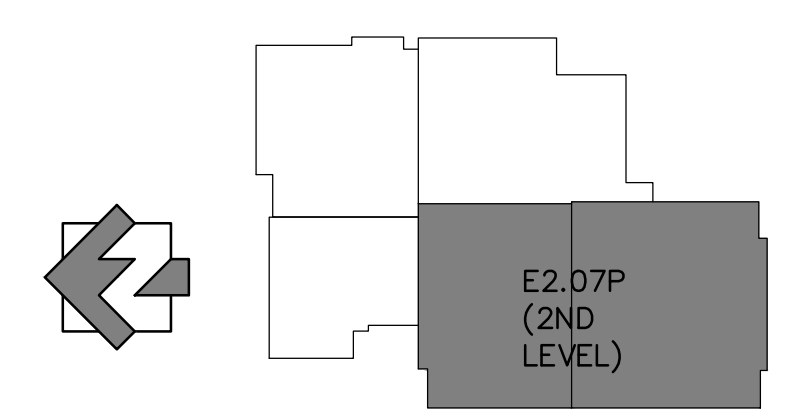


ADDITIVE ALTERNATIVE #1
SEE GYM #1 (THIS SHEET) FOR ALL ELECTRICAL DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

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KEY PLAN



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE	
POWER/FIRE PLAN - 2ND FLOOR	

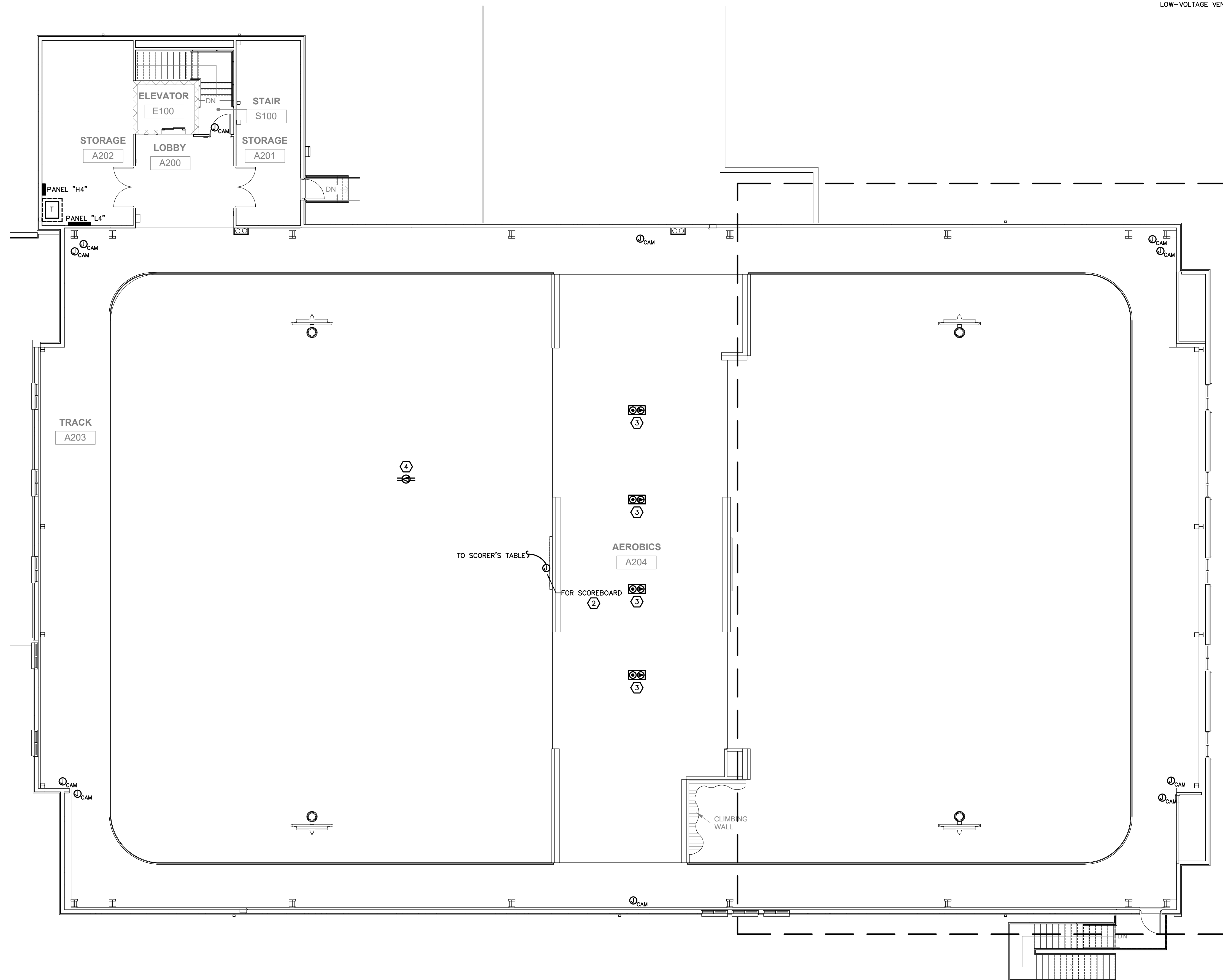
PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	SHEET NO.

E2.07P

POWER/FIRE PLAN - 2ND FLOOR
SCALE: 1/8" = 1'-0"

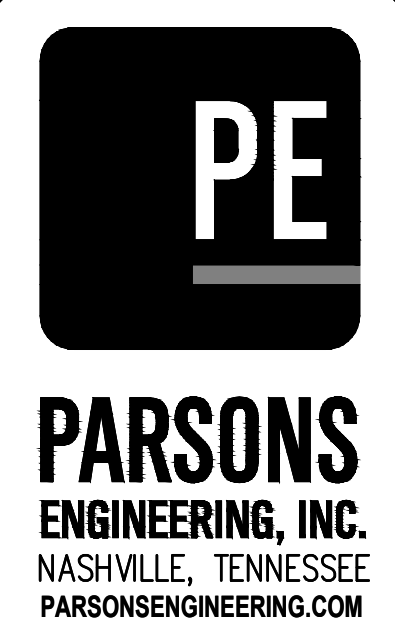
PLAN ELECTRICAL NOTES:

1. ALL CORRIDOR AND COMMON AREA POWER AND SYSTEM DEVICES SHOWN ON SHEET E2.01S.
2. COORDINATE EXACT LOCATION OF SCOREBOARD WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. PROVIDE ALL REQUIREMENTS NEEDED PER SCOREBOARD VENDOR PLANS.
3. SEE GENERAL ELECTRICAL NOTE 6. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH OWNER PRIOR TO ROUGH-IN.
4. DATA FOR WIFI IN CEILING. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH LOW-VOLTAGE VENDOR PRIOR TO ROUGH-IN.

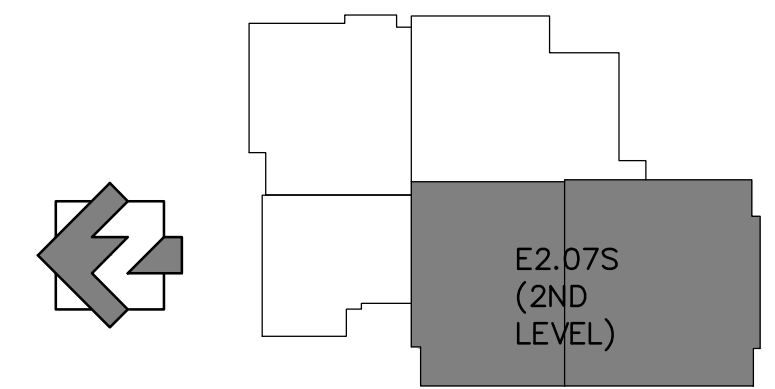


ADDITIVE ALTERNATIVE #1
SEE GYM #1 (THIS SHEET) FOR ALL SYSTEM DEVICES AND DETAILS FOR THIS ADDITIVE ALTERNATE FOR GYM #2.

PRELIMINARY
NOT FOR CONSTRUCTION



KEY PLAN



SYSTEMS PLAN - 2ND FLOOR
SCALE: 1/8" = 1'-0"

FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
SYSTEMS PLAN - 2ND FLOOR

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	
SHEET NO.	

E2.07S

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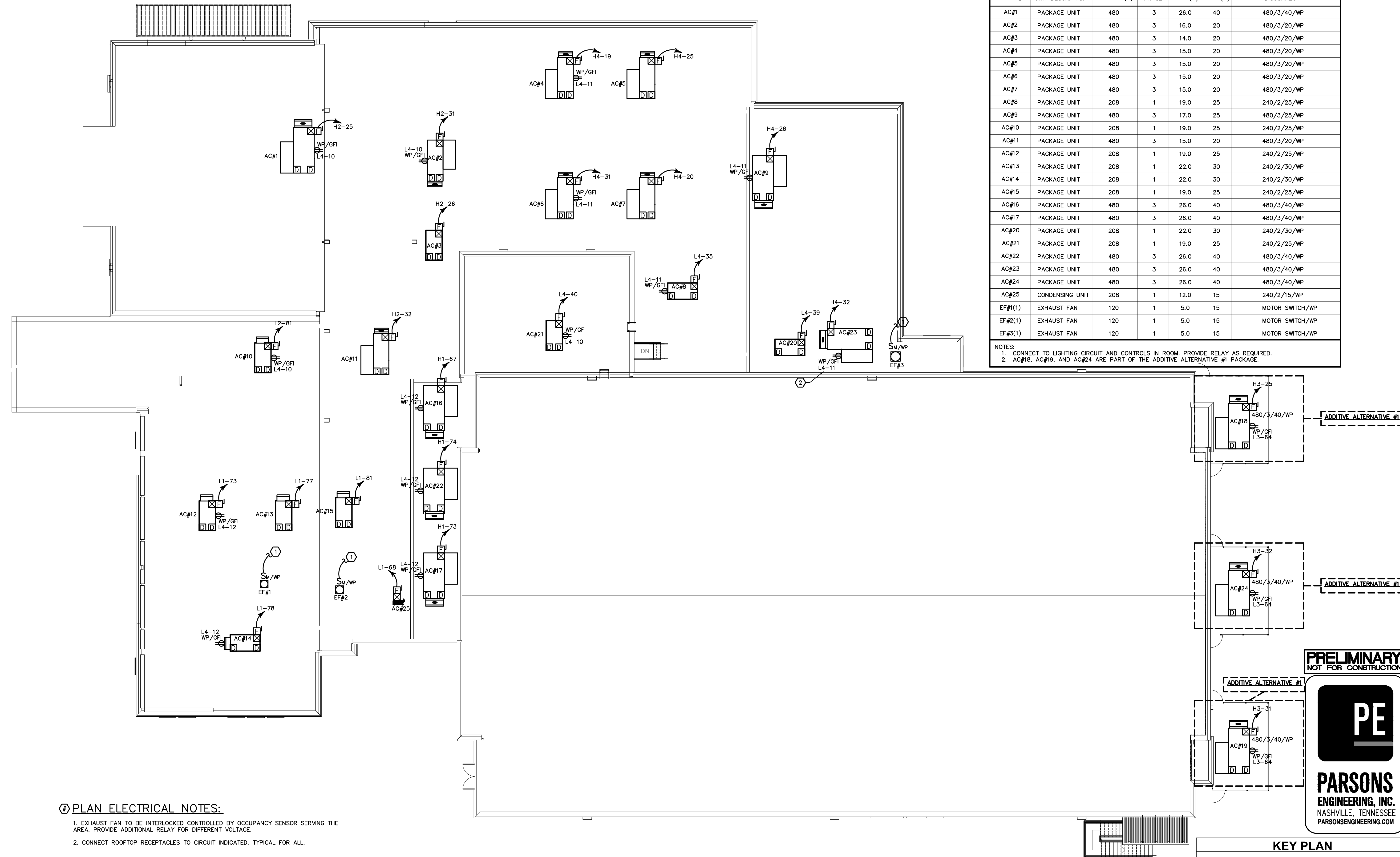
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MECHANICAL EQUIPMENT SCHEDULE

UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	AMPS (A)	MOCOP (A)	DISCONNECT
AC#1	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#2	PACKAGE UNIT	480	3	16.0	20	480/3/20/WP
AC#3	PACKAGE UNIT	480	3	14.0	20	480/3/20/WP
AC#4	PACKAGE UNIT	480	3	15.0	20	480/3/20/WP
AC#5	PACKAGE UNIT	480	3	15.0	20	480/3/20/WP
AC#6	PACKAGE UNIT	480	3	15.0	20	480/3/20/WP
AC#7	PACKAGE UNIT	480	3	15.0	20	480/3/20/WP
AC#8	PACKAGE UNIT	208	1	19.0	25	240/2/25/WP
AC#9	PACKAGE UNIT	480	3	17.0	25	480/3/25/WP
AC#10	PACKAGE UNIT	208	1	19.0	25	240/2/25/WP
AC#11	PACKAGE UNIT	480	3	15.0	20	480/3/20/WP
AC#12	PACKAGE UNIT	208	1	19.0	25	240/2/25/WP
AC#13	PACKAGE UNIT	208	1	22.0	30	240/2/30/WP
AC#14	PACKAGE UNIT	208	1	22.0	30	240/2/30/WP
AC#15	PACKAGE UNIT	208	1	19.0	25	240/2/25/WP
AC#16	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#17	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#20	PACKAGE UNIT	208	1	22.0	30	240/2/30/WP
AC#21	PACKAGE UNIT	208	1	19.0	25	240/2/25/WP
AC#22	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#23	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#24	PACKAGE UNIT	480	3	26.0	40	480/3/40/WP
AC#25	CONDENSING UNIT	208	1	12.0	15	240/2/15/WP
EF#1(1)	EXHAUST FAN	120	1	5.0	15	MOTOR SWITCH/WP
EF#2(1)	EXHAUST FAN	120	1	5.0	15	MOTOR SWITCH/WP
EF#3(1)	EXHAUST FAN	120	1	5.0	15	MOTOR SWITCH/WP

NOTES:
1. CONNECT TO LIGHTING CIRCUIT AND CONTROLS IN ROOM. PROVIDE RELAY AS REQUIRED.
2. AC#18, AC#19, AND AC#24 ARE PART OF THE ADDITIVE ALTERNATIVE #1 PACKAGE.

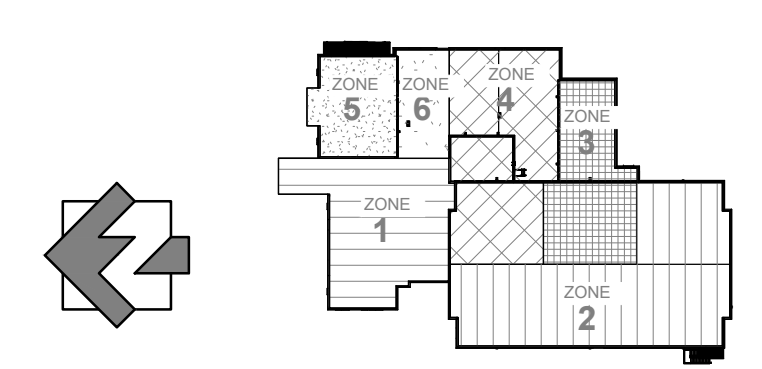


- Ⓢ PLAN ELECTRICAL NOTES:
- EXHAUST FAN TO BE INTERLOCKED CONTROLLED BY OCCUPANCY SENSOR SERVING THE AREA. PROVIDE ADDITIONAL RELAY FOR DIFFERENT VOLTAGE.
 - CONNECT ROOFTOP RECEPTACLES TO CIRCUIT INDICATED. TYPICAL FOR ALL.

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KEY PLAN



ELECTRICAL PLAN - ROOF
SCALE: 3/32" = 1'-0"

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS
SHEET TITLE
ELECTRICAL PLAN - ROOF

PROJECT NO. **21091** DATE **06/21/2024**
DRAWN BY **JKM** SCALE
CHECKED BY **JKM** AS SHOWN
SHEET NO.

Table for SECTION 1 OF 2, PANEL "L1". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like ELECTRIC DOOR, WATER FEATURE, REC. LOBBY/EXT, etc.

Table for SECTION 1 OF 2, PANEL "L2". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. COOLER, REC. MEET, REC. COMM, etc.

Table for SECTION 1 OF 2, PANEL "LK". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like ITEM 1: POS, ITEM 2: BLENDER, etc.

Table for SECTION 2 OF 2, PANEL "L1". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like SPARE, REC. EQUIP, AC#12, etc.

Table for SECTION 2 OF 2, PANEL "L2". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. WEIGHT, REC. EQUIP, C. FANS, etc.

Table for SECTION 1 OF 2, PANEL "L3". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. STOR, HAND DRYER, REC. GYM, etc.

Table for SECTION 1 OF 2, PANEL "L4". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. STOR/TRACK, REC. AEROBIC, REC. ROOF, etc.

Table for SECTION 2 OF 2, PANEL "L3". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. GYM, REC. SCORERS STAT, REC. GYM FLOOR, etc.

Table for SECTION 2 OF 2, PANEL "L4". Includes columns for DESCRIPTION, KVA/PHASE, WIRE SIZE, BKR AMPS, CKT #, and DESCRIPTION. Lists various electrical loads like REC. STOR/TRACK, REC. AEROBIC, REC. ROOF, etc.

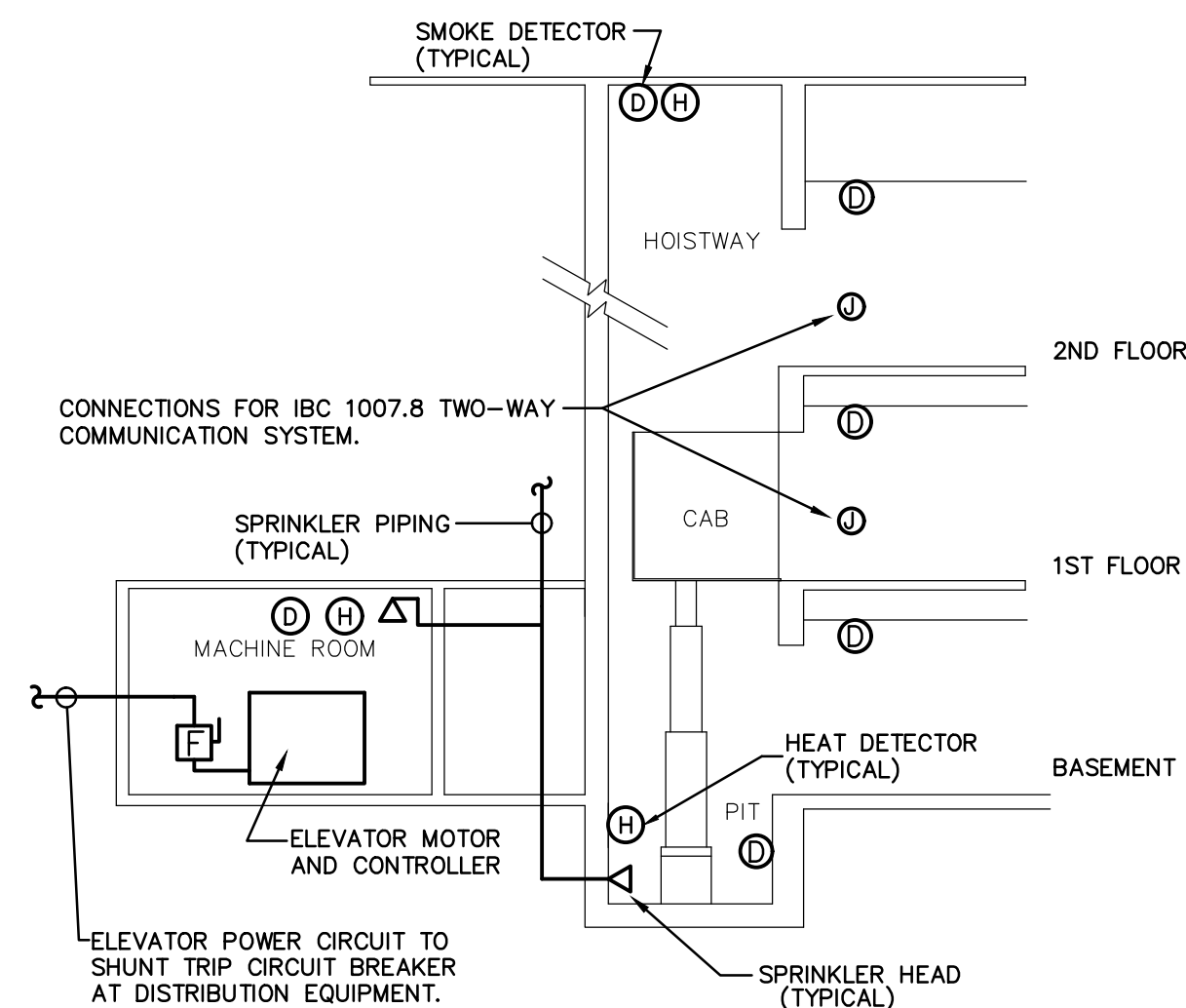


Table for SUBMITTALS / REVISIONS with columns for NO, DATE, and DESCRIPTION.

CONSTRUCTION DOCUMENTS

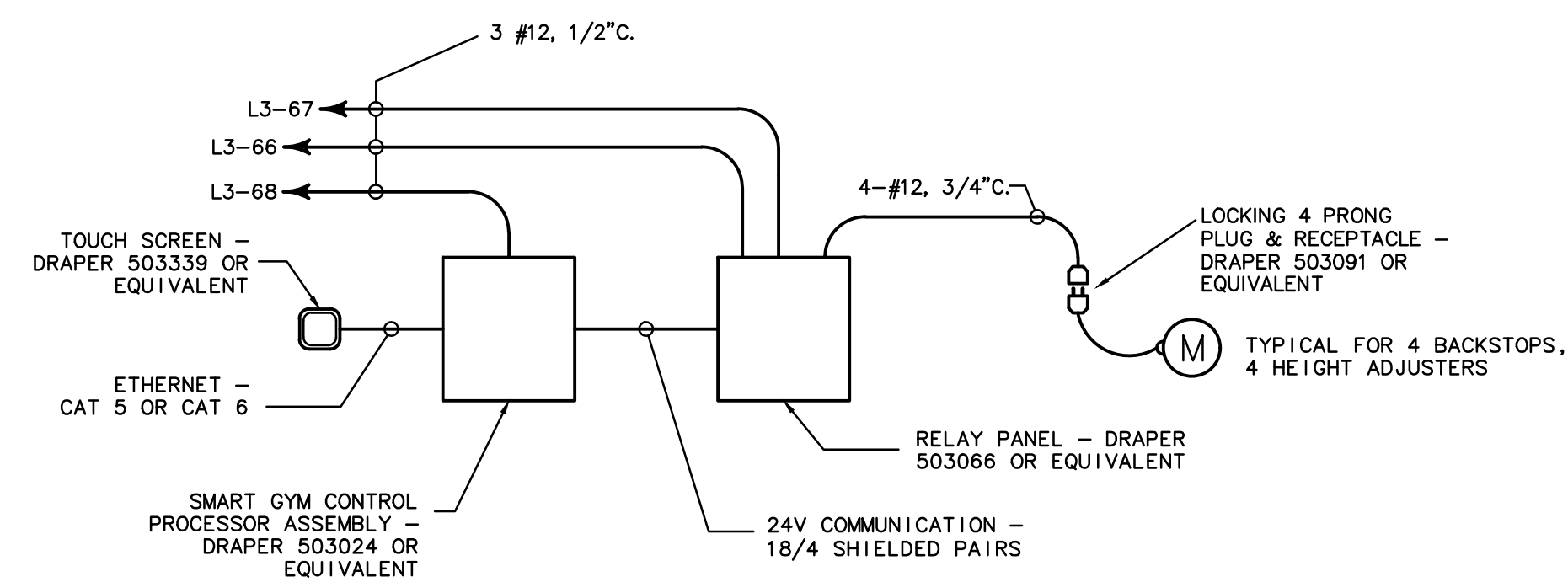
SHEET TITLE ELECTRICAL SCHEDULES

Table for PROJECT NO. 21091, DATE 06/21/2024, DRAWN BY JKM, CHECKED BY JKM, SHEET NO.

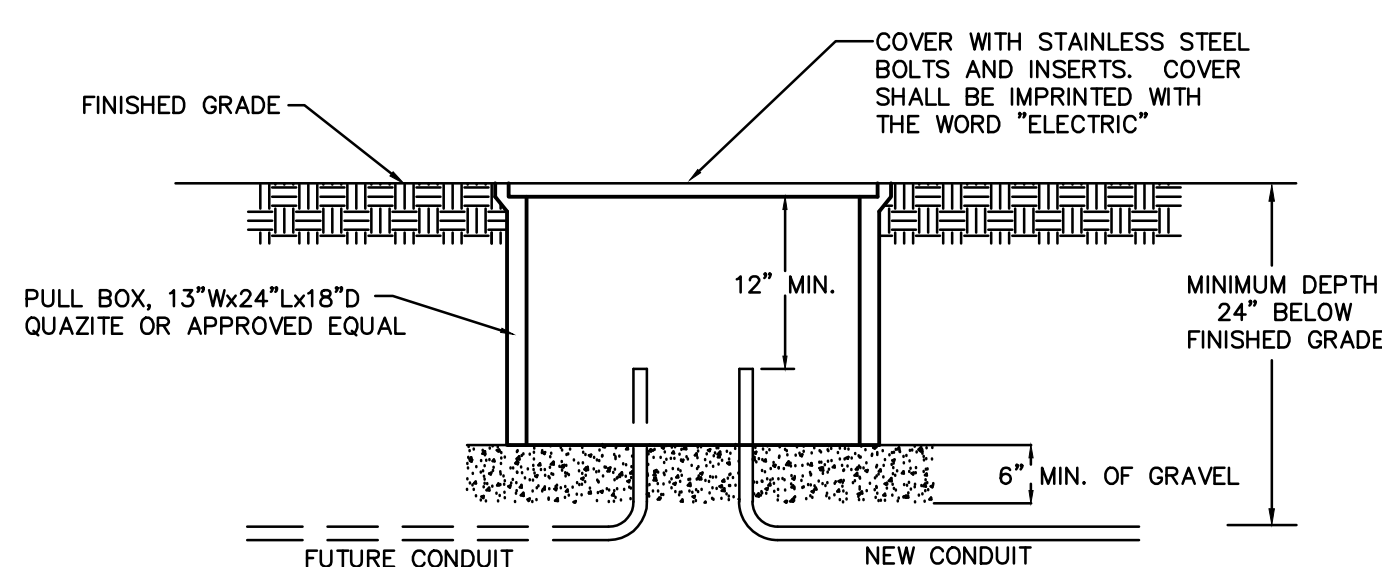


1. ANY SMOKE DETECTOR INDICATED SHALL INITIATE PHASE I RECALL.
2. HEAT DETECTORS SHALL BE LOCATED WITHIN 2 FEET OF THE SPRINKLER HEAD AND HAVE BOTH A LOWER TEMPERATURE RATING AND A HIGHER SENSITIVITY AS COMPARED TO THE SPRINKLER. HEAT DETECTOR SHALL NOT BE SELF-RESETTING TYPE.
3. ACTIVATION OF HEAT DETECTOR SHALL OPERATE SHUNT TRIP BREAKER ON POWER CIRCUIT SERVING ELEVATOR MACHINERY.
4. PROVIDE A TWO-WAY COMMUNICATION SYSTEM AT THE ELEVATOR LANDING OF EACH ACCESSIBLE FLOOR FOR DIRECT COMMUNICATION BETWEEN THE LANDING AND A CENTRAL CONTROL POINT LOCATION APPROVED BY THE LOCAL FIRE DEPARTMENT. WHERE THE CENTRAL CONTROL POINT IS NOT CONSTANTLY ATTENDED, A TWO-WAY COMMUNICATION SYSTEM SHALL HAVE A TIMED AUTOMATIC TELEPHONE DIAL-OUT CAPABILITY TO A MONITORING LOCATION OR 9-1-1. THE TWO-WAY COMMUNICATION SYSTEM SHALL INCLUDE BOTH AUDIBLE AND VISUAL SIGNALS. PROVIDE DIRECTIONS OF USE OF SYSTEM PER IBC. COMMUNICATION SYSTEM SHALL BE IN ACCORDANCE WITH LATEST APPLICABLE IBC EDITION "ACCESSIBLE MEANS OF EGRESS" SECTION, CONFIRMED BY LOCAL FIRE DEPARTMENT.

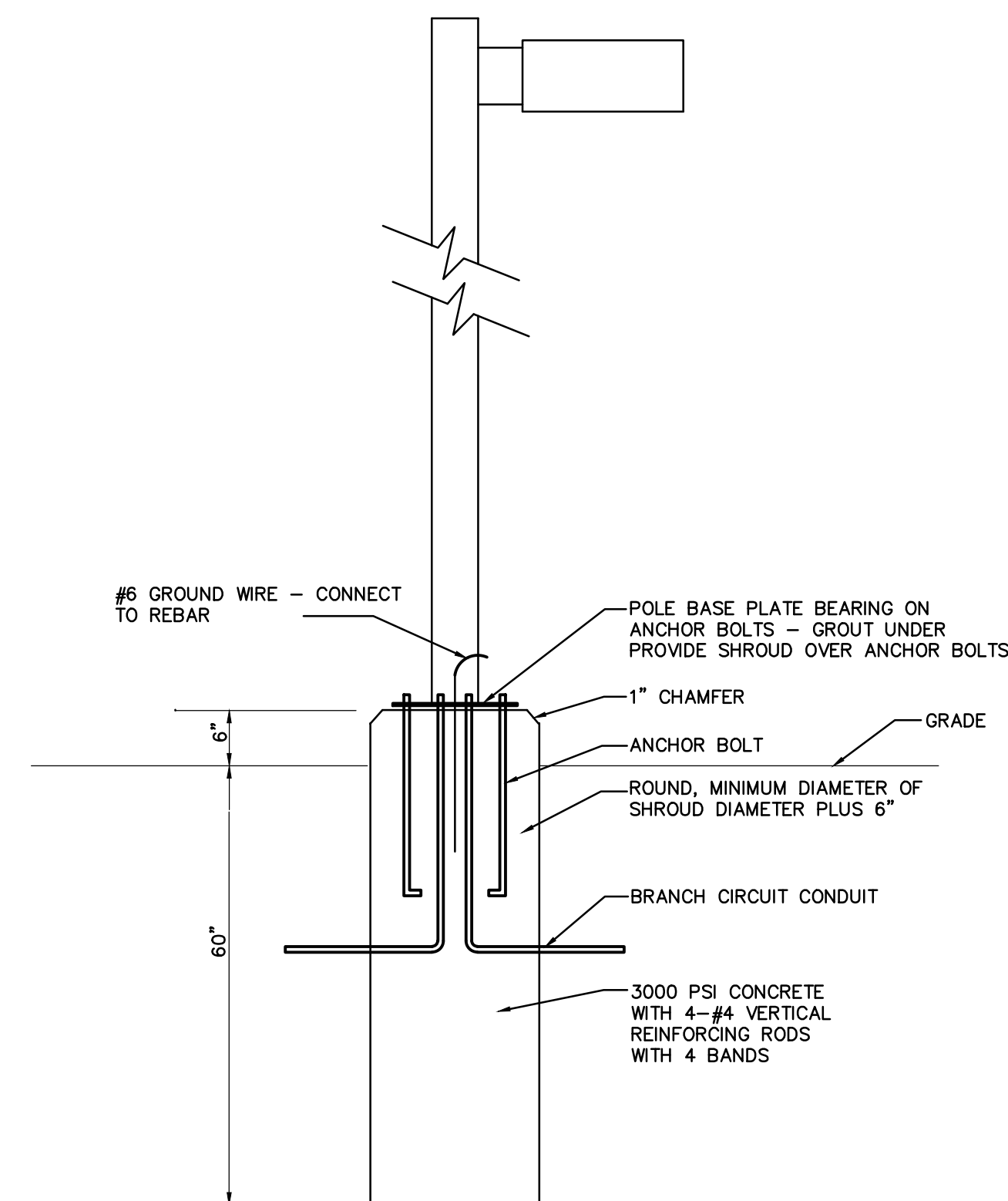
**HYDRAULIC ELEVATOR FIRE PROTECTION
DETAIL- SPRINKLERED**



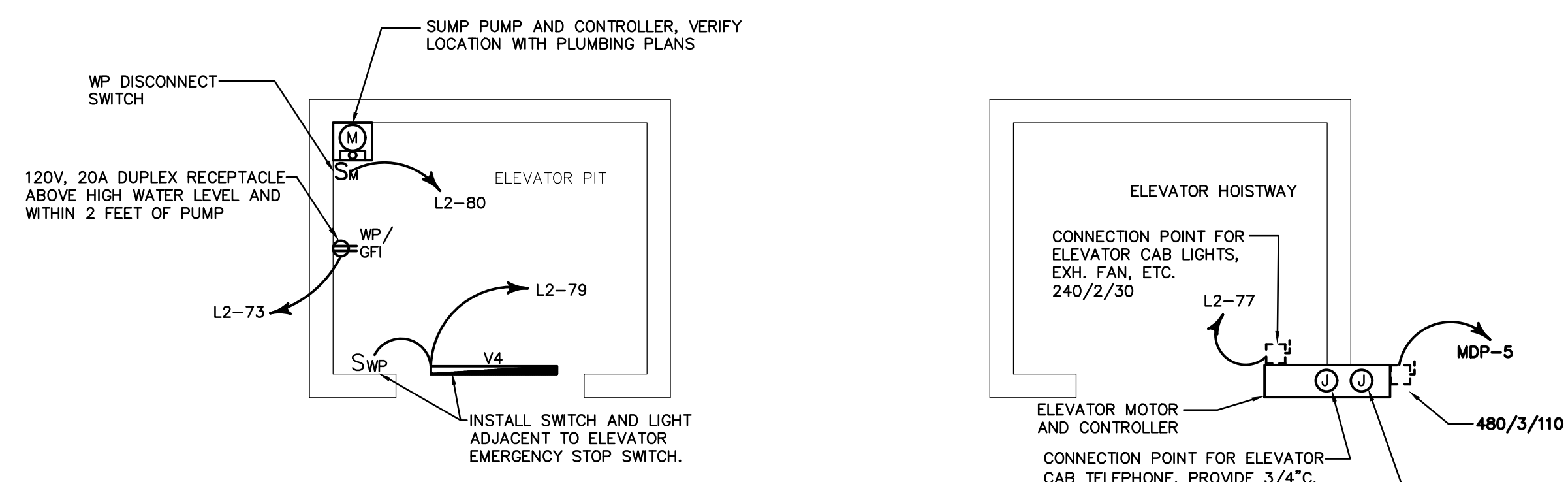
BASKETBALL GOAL/CURTAIN CONTROL DETAIL
(COORDINATE EXACT REQUIREMENTS WITH VENDOR)
NO SCALE



UNDERGROUND PULLBOX
NO SCALE

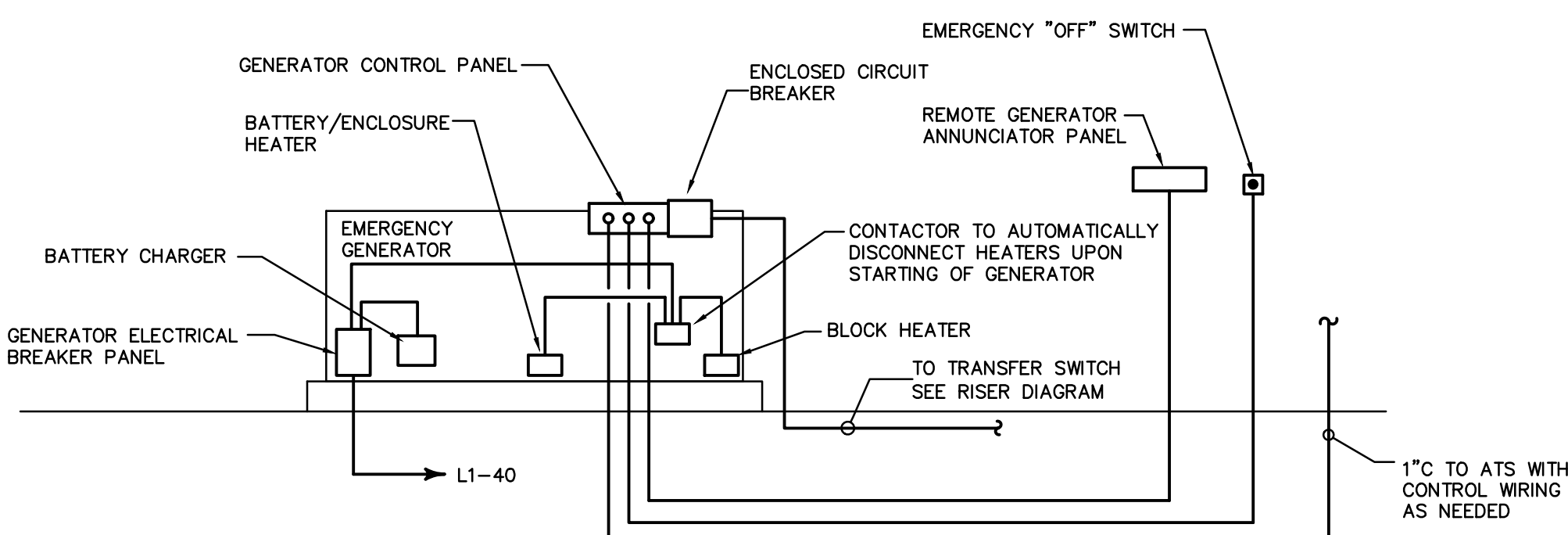


POLE BASE/PARKING LOT LIGHT FIXTURE DETAIL
NO SCALE
POLE BASE DETAIL PROVIDED FOR SCOPE AND BID PURPOSES. CONTRACTOR SHALL SUBMIT A POLE BASE DESIGN SUITABLE FOR POLE/LIGHT COMBINATION AND LOCAL SOIL CONDITIONS THAT HAS BEEN DESIGNED AND APPROVED BY A STRUCTURAL ENGINEER HIRED BY CONTRACTOR.



1. ALL EQUIPMENT AND DEVICE LOCATIONS SHOWN ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH APPROVED ELEVATOR SUBMITTAL PACKAGE.
2. VERIFY EXACT BREAKER, FUSED DISCONNECT SWITCH AND FEEDER SIZE REQUIRED. ADJUST THESE AS NECESSARY TO MATCH SUBMITTAL AND EQUIPMENT NAMEPLATE DATA.
3. DISCONNECTING MEANS FOR ELEVATOR CONTROLLER AND ELEVATOR CAR LIGHT SHALL BE PROVIDED WITH SIGNAGE THAT INDICATES THE LOCATION OF THE SUPPLY SIDE OVERCURRENT PROTECTIVE DEVICES IN ACCORDANCE WITH 2011 NEC 620.51 AND 620.53.

**ELEVATOR PIT AND EQUIPMENT
ELECTRICAL DETAIL - ELEVATOR**
NO SCALE



EMERGENCY GENERATOR DETAIL
NO SCALE

FAYETTE MULTIUSE FACILITY

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SUBMITTALS / REVISIONS	
NO.	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
**ELECTRICAL
DETAILS**

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	
SHEET NO.	

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	DIMMING TYPE	COLOR TEMP	WATTS	VOLTS	MANUFACTURER	MTG HT (AFF)
A2	STAK 2X2 4000LM 80CRI 35K COL MINI ZT MVOLT LED, GRID TROFFER, 2 x 2, 4126 LUMENS	0-10V	3500K	34	UNV	LITHONIA	SEE ARCH
A2E	STAK 2X2 4000LM 80CRI 35K COL MINI ZT MVOLT E10WLCPC SAME AS TYPE "A2" WITH INTEGRAL EMERGENCY BATTERY	0-10V	3500K	34	UNV	LITHONIA	SEE ARCH
A4	STAK 2X4 5000LM 80CRI 35K COL MINI ZT MVOLT LED, GRID TROFFER, 2 x 4, 5262 LUMENS	0-10V	3500K	42	UNV	LITHONIA	SEE ARCH
A4E	STAK 2X4 5000LM 80CRI 35K COL MINI ZT MVOLT E10WLCPC SAME AS TYPE "A4" WITH INTEGRAL EMERGENCY BATTERY	0-10V	3500K	42	UNV	LITHONIA	SEE ARCH
D1	LDN6 35/40 L06 AR LD MVOLT GZ1 LED, RECESSED 6" ROUND DOWNLIGHT, 4008 LUMENS	0-10V	3500K	44	UNV	LITHONIA	SEE ARCH
D1E	LDN6 35/40 L06 AR LD MVOLT GZ1 E10WCP SAME AS TYPE "D1" WITH INTEGRAL EMERGENCY BATTERY	0-10V	3500K	44	UNV	LITHONIA	SEE ARCH
D2	TC1 R 05 X KX X X M1 8 35 D E1 M LED, RECESSED 6" ROUND DOWNLIGHT, 2827 LUMENS	0-10V	3500K	22	UNV	FLUXWERX	SEE ARCH
D2E	TC1 R 05 X KX X X M1 8 35 D E1 M B SAME AS TYPE "D2" WITH REMOTE EMERGENCY BATTERY	0-10V	3500K	22	UNV	FLUXWERX	SEE ARCH
D3	LDN6 35/40 L06 AR LD MVOLT GZ1 LED, RECESSED 6" ROUND DOWNLIGHT, WALLWASHER, 4008 LUMENS	0-10V	3500K	44	UNV	LITHONIA	SEE ARCH
D4	EV06SC 35/35 MD MVOLT GZ1 JBX WL AR LD XX LED, SURFACE MTD, 6" ROUND DOWNLIGHT, 3542 LUMENS, WET LOCATION LISTED	0-10V	3500K	34	UNV	GOTHAM	SEE ARCH
D4E	EV06SC 35/35 MD MVOLT GZ1 JBX E6W WL AR LD DBLB SAME AS TYPE "D4" WITH 6W INTEGRAL EMERGENCY BATTERY	0-10V	3500K	34	UNV	GOTHAM	SEE ARCH
D5	SN800C L1L23 K35 277V XX LED, SURFACE MTD, 7" ROUND DOWNLIGHT, 2306 LUMENS, WET LOCATION LISTED	0-10V	3500K	29	UNV	LUMINIS	SEE ARCH
D5E	SN800C L1L23 K35 277V XX / IOTA ILB CP10 SAME AS TYPE "D5" WITH REMOTE EMERGENCY BATTERY	0-10V	3500K	29	UNV	LUMINIS	SEE ARCH
HB	IBE L24 18000LM ATC MD MVOLT GZ10 40K 80CRI WGX DWH / IBLPMPHB LED, PENDANT MTD, HIGH BAY LIGHT, WIREGUARD, 17,762 LUMENS	0-10V	4000K	137	UNV	LITHONIA	35'-0"
HBE	IBE L24 18000LM ATC MD MVOLT GZ10 40K 80CRI E15WCP BPK WGX DWH / IBLPMPHB SAME AS TYPE "HB" WITH EMERGENCY BATTERY	0-10V	4000K	137	UNV	LITHONIA	35'-0"
H2	CPHB 9000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH / CPHBPMPBM / WGPCPHBSM LED, PENDANT MTD, LOW BAY LIGHT, 9123 LUMENS	0-10V	4000K	61	UNV	LITHONIA	20'-0"
H2E	CPHB 18000LM SEF GCL MD MVOLT GZ10 40K 80CRI E15WCP DWH / CPHBPMPBM / WGPCPHBSM SAME AS TYPE "H2" WITH HIGHER LUMEN PACKAGE, 18,199 LUMENS, EMERGENCY BATTERY	0-10V	4000K	133	UNV	LITHONIA	35'-0"

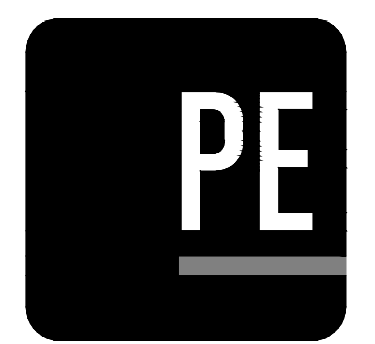
TYPE	DESCRIPTION	DIMMING TYPE	COLOR TEMP	WATTS	VOLTS	MANUFACTURER	MTG HT (AFF)
L4	S2PD LLP 4FT MSL4 80CRI 35K 1000LMF SCT MINI FLL MVOLT WHIT ZT F2/36A RDCY WHTCY WCRD MCS LED, PENDANT MTD, 4'-0" LINEAR LIGHT (REFERENCE PLANS FOR RUN LENGTHS AND EMERGENCY LAYOUTS.), 3632 LUMENS	0-10V	3500K	32	UNV	LITHONIA	SEE ARCH
L4E	S2PD LLP 4FT MSL4 80CRI 35K 1000LMF SCT MINI FLL MVOLT WHIT 1E10WLCPC ZT F2/36A RDCY WHTCY WCRD MCS SAME AS TYPE "L4" WITH INTEGRAL EMERGENCY BATTERY (REFERENCE PLANS FOR RUN LENGTHS AND EMERGENCY LAYOUTS)	0-10V	3500K	32	UNV	LITHONIA	SEE ARCH
L4H	S2PD LLP 4FT MSL4 80CRI 35K 1400LMF SCT MINI FLL MVOLT WHIT 1E10WLCPC ZT F2/72A RDCY WHTCY WCRD MCS LED, PENDANT MTD, 4'-0" LINEAR LIGHT (REFERENCE PLANS FOR RUN LENGTHS AND EMERGENCY LAYOUTS), 4992 LUMENS	0-10V	3500K	48	UNV	LITHONIA	20'-0"
SC	1456 25 XX C37 XX 35K LED, WALL MTD, SCONCE LIGHT, 3064 LUMENS	0-10V	3500K	35	UNV	BROWNLLEE	SEE ARCH
S4	MLH48 48 F XX PP 45L35K DCC 1 DV DL PM LED, PENDANT MTD, 4'-0" LINEAR STRIP LIGHT, 4758 LUMENS, DAMP LOCATION	0-10V	3500K	49	UNV	KENALL	SEE ARCH
S4E	MLH48 48 F XX PP 45L35K DCC 1 DV LEL DL PM SAME AS TYPE "S4" WITH INTEGRAL EMERGENCY BATTERY	0-10V	3500K	49	UNV	KENALL	SEE ARCH
SP1	DSX1 LED P9 40K 80CRI T5W MVOLT SPA XX / S5S 20' XX DM19AS XX LED SITE LIGHT, POLE MOUNTED, SINGLE HEAD, TYPE "V" WIDE DISTRIBUTION, 21447 LUMENS, ON 20 FT SQUARE STEEL POLE. FINISH PER ARCHITECT	-	4000K	277	UNV	LITHONIA	20'-0"
SP2	DSX1 LED P4 40K 80CRI BLC4 MVOLT SPA XX / S5S 20' XX DM19AS XX LED SITE LIGHT, POLE MOUNTED, SINGLE HEAD, TYPE BACKLIGHT CONTROL "IV" DISTRIBUTION, 11000 LUMENS, ON 20 FT SQUARE STEEL POLE. FINISH PER ARCHITECT	-	4000K	124	UNV	LITHONIA	20'-0"
SP3	DSX1 LED P3 40K 80CRI T2M MVOLT SPA XX / S5S 20' XX DM19AS XX LED SITE LIGHT, POLE MOUNTED, SINGLE HEAD, TYPE "II" WIDE DISTRIBUTION, 12500 LUMENS, ON 20 FT SQUARE STEEL POLE. FINISH PER ARCHITECT	-	4000K	124	UNV	LITHONIA	20'-0"
T1	LED SITE LIGHT, WALL MOUNTED, MATCHING POLE LIGHTS, TYPE "IV" DISTRIBUTION, 2900 LUMENS, FINISH PER ARCHITECT	-	4000K	277	UNV	LITHONIA	12'-0"
V4	CSVT L48 4000LM MVOLT 35K 80CRI IE7WCP STSL LED, WALL MTD, 4'-0" VAPOR TIGHT ELEVATOR LIGHT, 4065 LUMENS, WITH INTEGRAL EMERGENCY BATTERY	0-10V	3500K	34	UNV	LITHONIA	SEE ARCH
X1	S900C XX R XX COMBINATION EDGE LIT EXIT SIGN / (2) EMERGENCY LIGHT HEAD UNIT, LED, UNIVERSAL MOUNT, SINGLE/DOUBLE FACE AS SHOWN, RED LETTERS,	-	-	5	UNV	BARRON EXITRONIX	SEE ARCH
X	S900C XX R XX R COMBINATION EDGE LIT EXIT SIGN / (2) EMERGENCY LIGHT HEAD UNIT, REMOTE CAPABLE, LED, UNIVERSAL MOUNT, SINGLE/DOUBLE FACE AS SHOWN,	-	-	5	UNV	BARRON EXITRONIX	SEE ARCH
XR	2RLS2-WH-L0 EXTERIOR (2) HEAD REMOTE EMERGENCY LED LIGHT UNIT SERVED FROM ASSOCIATED EXIT SIGN WITH REMOTE CAPACITY	-	-	3	UNV	BARRON EXITRONIX	SEE ARCH

- ALL FIXTURES TO BE SUPPLIED WITH LAMPS.
- FIXTURES SHALL BE COMPATIBLE WITH CEILING TYPE. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING FIRE RATING.
- ALL FIXTURES INSTALLED IN AN INSULATED CEILING SHALL BE I.C. RATED.

FAYETTE MULTIUSE FACILITY

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SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
LIGHTING FIXTURE SCHEDULE

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: Fayette Multiuse Facility
Project Type: New Construction

Construction Site: Fayette, GA
Owner/Agent:
Designer/Contractor:

Additional Efficiency Package(s)
Credits: 1.0 Required, 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Exercise Center	46990	0.78	36524
Total Allowed Watts =			36524

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Exercise Center				
LED 1: ADA22: 2X2 TROFFER: LED Panel 40W:	1	28	40	1040
LED 2: ADA22: 2X2 TROFFER: LED Panel 41W:	1	103	41	4223
LED 3: D1D1E: 6" DOWNLIGHT: LED Other Fixture Unit 40W:	1	39	40	1560
LED 4: D1D2E: 6" DOWNLIGHT: LED Other Fixture Unit 40W:	1	82	40	3280
LED 5: D3: 6" DOWNLIGHT: LED Other Fixture Unit 40W:	1	4	40	160
LED 6: D5D5E: 7" DOWNLIGHT: LED Other Fixture Unit 25W:	1	3	25	75
LED 7: H8MB: PENDANT HIGH BAY LIGHT: LED Other Fixture Unit 125W:	1	20	150	3000
LED 8: H2: PENDANT LOW BAY LIGHT: LED Other Fixture Unit 50W:	1	13	50	650
LED 9: H2E: PENDANT LOW BAY LIGHT: LED Other Fixture Unit 125W:	1	8	150	1200
LED 10: L4L4E: 4" LINEAR LIGHT: LED Linear 33W:	1	140	40	5600
LED 11: SC: SCANCE: LED Other Fixture Unit 25W:	1	1	25	25
LED 12: S4S4E: 4" LINEAR STRIP LIGHT: LED Linear 33W:	1	81	40	3240
LED 13: V4: VAPOR TIGHT ELEVATOR LIGHT: LED Other Fixture Unit 40W:	1	1	40	40
LED 14: X1: COMBINATION EXIT/ EMERGENCY: Other:	1	12	1	12
Total Proposed Watts =				23305

Interior Lighting PASSES: Design 34% better than code

Interior Lighting Compliance Statement
Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Anthony J. Pezzi
Signature: [Signature]
Date: 8/23/24

COMcheck Software Version 4.1.5.5
Inspection Checklist
Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 (PR4)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 (PR8)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 (PR9)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 (EL15)	Lighting controls installed to uniformly reduce the lighting load by at least 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL18)	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 (EL21)	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 (EL22)	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL16)	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL20)	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL21)	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 (EL4)	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 (EL6)	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.5 (EL23)	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting ≥ 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 (EL5)	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3 (F117)	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 (F118)	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 (F119)	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C405.2.5 (F116)	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 (F133)	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

PRELIMINARY
NOT FOR CONSTRUCTION



FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
COMCHECK LIGHTING REPORT

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE
CHECKED BY JKM	AS SHOWN
SHEET NO.	

E3.07

COMcheck Software Version 4.1.5.5
Exterior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: Fayette Multiuse Facility
Project Type: New Construction
Exterior Lighting Zone: 2 (Neighborhood business district (LZ2))

Construction Site: Fayette, GA
Owner/Agent:
Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tractable Watts	E Allowed Watts (B X C)
Parking area	144000 R2	0.06	Yes	8640
Driveway	20100 R2	0.06	Yes	1206
Entry canopy	850 R2	0.25	Yes	212
Main entry	51 ft of door	20	Yes	1020
		Total Tractable Watts (a) =		11078
		Total Allowed Watts =		11078
		Total Allowed Supplemental Watts (b) =		600

(a) Wattage tradeoffs are only allowed between tractable areas/surfaces.
(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tractable and tractable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Parking area (144000 R2): Tractable Wattage				
LED 1: SP1: Site Pole: Other:	1	4	277	1108
LED 2: SP3: Site Pole: Other:	1	8	124	244
LED 3: SP3: Site Pole: Other:	1	2	102	204
Driveway (20100 R2): Tractable Wattage				
LED 1: SP3: Site Pole: Other:	1	6	102	612
Entry canopy (850 R2): Tractable Wattage				
LED 1: D4: Downlight: Other:	1	16	34	544
Pedestrian and vehicular entrances and exits (51 ft of door width): Tractable Wattage				
LED 1: XR: Remote Mount: Other:	1	8	2	16
LED 2: D4: Downlight: Other:	1	6	34	204
LED 3: D5: Downlight: Other:	1	2	29	58
		Total Tractable Proposed Watts =		3490

Exterior Lighting PASSES: Design 70% better than code

Exterior Lighting Compliance Statement
Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory

Project Title: Fayette Multiuse Facility
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requirements listed in the Inspection Checklist:
Name: ANTHONY J. PEZZI
Signature: 
Date: 8/21/24

COMcheck Software Version 4.1.5.5
Inspection Checklist

Energy Code: 2015 IECC
Requirements: 100.0% were addressed directly in the COMcheck software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 (PR4)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 (PR8)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 (PR9)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

[1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)]

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Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 (EL15)	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL18)	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL23)	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 (EL22P)	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL16P)	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL20)	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (EL21)	Enclosed spaces with daylight area under skylights and monitor monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 (EL4P)	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 (EL8)	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.5 (EL25P)	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 (EL6)	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

[1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)]

Project Title: Fayette Multiuse Facility
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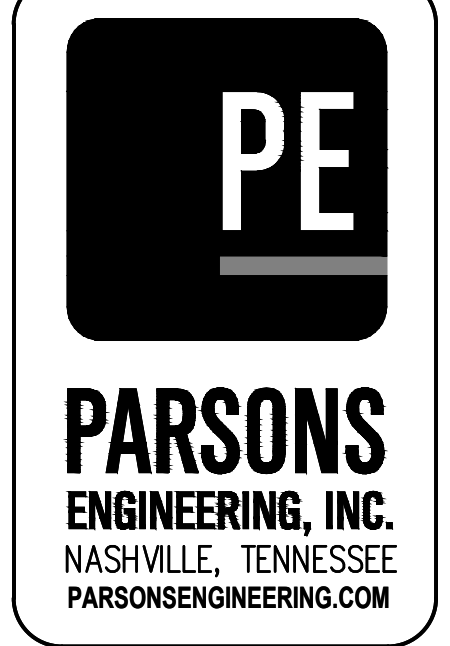
Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.1 (F17)	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 (F18)	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 (F19)	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.2 (F16)	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 (F13)	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

[1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)]

Project Title: Fayette Multiuse Facility
Data filename: Z:\02029\23157_Corheck\023157_Corheck Calc3.cck
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PRELIMINARY
NOT FOR CONSTRUCTION



SUBMITTALS / REVISIONS

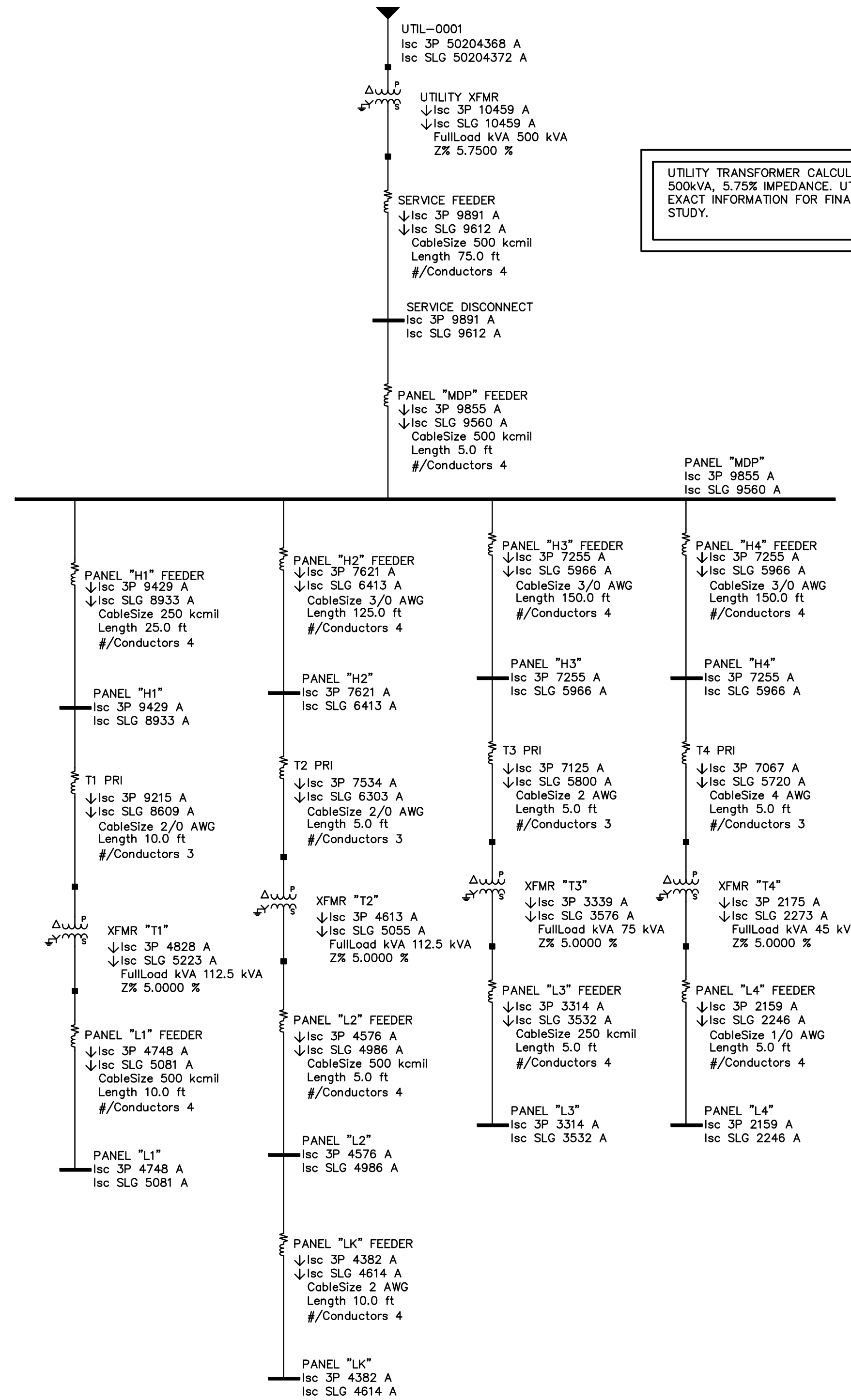
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CONSTRUCTION DOCUMENTS

SHEET TITLE
EXTERIOR COMCHECK REPORT

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
CHECKED BY JKM	
SHEET NO.	

E3.08



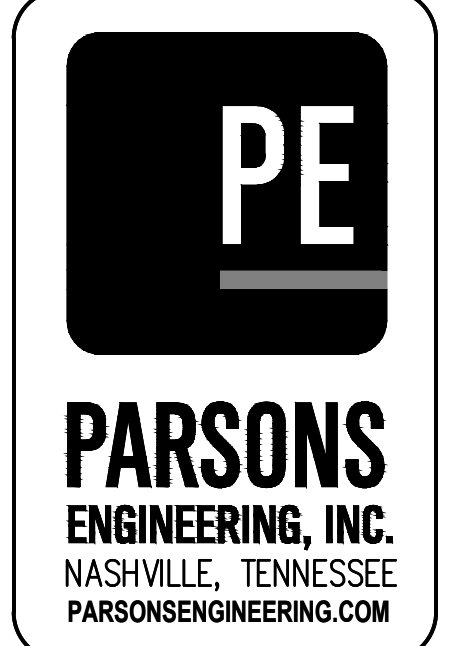
UTILITY TRANSFORMER CALCULATED AT 500kVA, 5.75% IMPEDANCE. UTILITY TO CONFIRM EXACT INFORMATION FOR FINAL FAULT CURRENT STUDY.

ELECTRICAL FAULT CURRENT STUDY
NO SCALE

FAYETTE MULTIUSE FACILITY

PREPARED FOR:
FAYETTE COUNTY

PRELIMINARY
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SUBMITTALS / REVISIONS	
NO	DESCRIPTION

CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL FAULT CURRENT STUDY

PROJECT NO. 21091	DATE 06/21/2024
DRAWN BY JKM	SCALE AS SHOWN
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SHEET NO.	

E3.09