

CONSTRUCTION PLANS FOR: SPRINGFIELD BAPTIST CHURCH

PUBLIC INSTITUTION - CHURCH DEVELOPMENT

3616 E. 3rd STREET
SPRINGFIELD, FLORIDA
PARCEL ID # 235858-000-000
SECTION 11, TOWNSHIP 4 SOUTH, RANGE 14 WEST

FOR PERMIT
PURPOSES ONLY
NOT FOR CONSTRUCTION



VICINITY MAP
NOT TO SCALE



SITE MAP
NOT TO SCALE

NOTES

- 1) THE CONTRACTOR SHALL COMPLY WITH THE "FLORIDA TRENCH SAFETY ACT" (LAWS OF FLORIDA 90-96, OCTOBER 1, 1990) AND PROVIDE PROOF OF COMPLIANCE. THE CONTRACTOR MUST PROVIDE "NOTORIZED STATEMENT" TO THE OWNER, THAT THEY ARE IN COMPLIANCE WITH ALL APPLICABLE TRENCH SAFETY STANDARDS.
- 2) EVERY ATTEMPT TO LOCATE UNDERGROUND UTILITIES MUST BE MADE. THERE ARE THE POSSIBILITIES OF UNDERGROUND ELECTRICAL, TELEPHONE, ETC. THAT HAS NOT BEEN LOCATED. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, DEPTH AND TYPE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

STATEMENT OF COMPATIBILITY:

THIS PROJECT IS COMPATIBLE WITH SURROUNDING DEVELOPMENTS. THE PROPOSED PROJECT IS PUBLIC INSTITUTION - CHURCH SUPPORTED BY THE SURROUNDING RESIDENTIAL AND COMMERCIAL DEVELOPMENT.

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SITE DATA

PARCEL ID NUMBER: 23585-000-000
FUTURE LAND USE: MIXED USES (MU)
FLOOD ZONE: 'X'

DESIGN CRITERIA

SPRINGFIELD LAND DEVELOPMENT CODE
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FLORIDA DEPARTMENT OF TRANSPORTATION

WATER, SEWER CONSTRUCTION NOTES:

- 1) IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE THE ACTIVITIES OF THE UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO TV, TELEPHONE, GAS, POWER, ETC., AND PROVIDE IN ACCORDANCE WITH THE UTILITY COMPANY ANY NECESSARY CONDUITS FOR CROSSINGS UNDER PAVEMENT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS SERVICE. ANY DAMAGE CAUSED BY THE UTILITY COMPANY TO THE IMPROVEMENTS OF THE CONTRACTOR SHALL BE REPAIRED IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT REPAIRS ARE PERFORMED, EITHER BY THE CONTRACTOR OR THE UTILITY COMPANY AT NO COST TO THE OWNER.
2) COPIES OF THE TEST REPORTS FOR ASPHALT, BASE, SUB GRADE, FILL AND BACK FILL UNDER ROADWAYS AND STRUCTURES, AND UTILITY TRENCHES SHALL BE PROVIDED DIRECTLY TO THE ENGINEER FOR REVIEW. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE TESTING AND INSURE THAT ALL APPLICABLE TESTS HAS BEEN PERFORMED TO OBTAIN TEST RESULTS AT ANY POINT OF CONSTRUCTION. TESTING WILL REQUIRE THE REMOVAL OF THE IMPROVEMENT AND REPLACEMENT BY CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER. IT SHOULD BE NOTED THAT THE ENGINEER WILL REQUIRE COMPACTION TESTING IN ACCORDANCE WITH THE TESTING SCHEDULE FOR UTILITY TRENCH FILL AND BACKFILLED.
3) ALL SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE AMERICAN WATER WORKS ASSOCIATION (AWWA), AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
4) IT SHALL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES (48 HOUR NOTICE) PRIOR TO BEGINNING CONSTRUCTION. IT SHALL FURTHER BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR TO HAVE ALL EXISTING UTILITIES PHYSICALLY LOCATED TO INSURE THAT THIS CONSTRUCTION DOES NOT DAMAGE ANY EXISTING UTILITIES WITHIN THE PROJECT AREA.
5) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER, TO REPAIR OR CAUSE TO BE REPAIRED, ANY EXISTING UTILITIES OR STRUCTURES DAMAGED AS A DIRECT RESULT OF THIS WORK.
6) ALL GRAVITY SEWER LINES SHALL BE OF THE SIZE NOTED ON THE PLANS AND PROFILES. PIPES SHALL BE SDR 35 PVC.
7) SOIL COVER OVER ANY GRAVITY SEWER LINE OR LATERAL SHALL NOT BE LESS THAN 36 INCHES, EXCEPT WHERE STUBBED OUT AT THE PROPERTY LINE. PLUGGED END OF LATERAL WHERE FUTURE CONNECTION IS TO BE MADE SHALL BE AT LEAST 36" BELOW EXISTING GRADE.
8) THE CONTRACTOR SHALL FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT AREA TO INSURE NO CONFLICTS EXIST. SHOULD SUCH CONFLICTS OCCUR, THE CONTRACTOR SHALL CEASE OPERATIONS IN THE AFFECTED AREA AND NOTIFY THE OWNER'S ENGINEER, AND THE APPROPRIATE UTILITY TO RESOLVE THE CONFLICT BEFORE PROCEEDING WITH CONSTRUCTION IN THE AFFECTED AREA.
9) UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL CALL FOR A "FLASH TEST" ON ALL SEWER MAINS. PIPE ALIGNMENT SHALL CONFORM TO THE REQUIREMENTS OF THE ENGINEER AND ANY LINES NOT MEETING THE CITY OF SPRINGFIELD REQUIREMENTS SHALL BE UNCOVERED AND RESET TO THE PRESCRIBED LINE AND GRADE. INFILTRATION/EXFILTRATION LIMITS TESTING SHALL CONFORM WITH ENGINEER'S REQUIREMENTS. AIR TEST TO BE IN ACCORDANCE WITH ASTM F1417 AND CLEANED & TELEVIEWED. PROVIDE VIDEO INSPECTION REPORT AND DVD FOR REVIEW BY CITY UTILITIES STAFF.
10) ALL WATER MAINS LESS THAN 4" SHALL BE ASTM D2241 SDR-21, 4"-8" SHALL BE AWWA C900 DR18 (PRESSURE CLASS 235), 10"-12" SHALL BE AWWA C900 DR25 (PRESSURE CLASS 165). ALL PIPE SHALL BE RESTRAINED JOINT (MEGALUG OR APPROVED EQUAL).
11) ALL VALVES 12" AND SMALLER SHALL BE CAST-IRON BODY, FULLY BRONZE MOUNTED RESILIENT-SEATED GATE VALVES CONFORMING TO AWWA C509, WIDE FLANGE OR SPIGOT ENDS, DEPENDENT ON INSTALLATION. FLANGED GATE VALVES SHALL BE PROVIDED WITH 250 LB. AMERICAN STANDARD FLANGES, AWWA STANDARD C-509 RESILIENT SEAT, ALL SHUTOFF VALVES 16" AND LARGER SHALL BE BUTTERFLY VALVES, BUTTERFLY VALVES AND OPERATORS SHALL CONFORM TO THE AWWA STANDARD SPECIFICATIONS FOR RUBBER SEATED BUTTERFLY VALVES, DESIGNATION C-504 CLASS 1150 A OR B.
12) ALL VALVES SHALL HAVE A MINIMUM WORKING PRESSURE OF 250 PSI, UNLESS OTHERWISE NOTED.
13) ALL VALVES SET BELOW GRADE, SHALL BE FITTED WITH HUB-TYPE OPERATORS AND SHALL HAVE A CAST IRON VALVE BOX INSTALLED CONCENTRICALLY OVER THE VALVE, BUTTERFLY VALVE OPERATOR SHALL CONFORM TO THE REQUIREMENTS OF AWWA C-504.
14) ALL HARDWARE ACCESSORIES FOR VALVES, SADDLES, AND FITTINGS SHALL BE AS FOLLOWS:
CLAMPS, STRAPS AND WASHERS: STEEL ANSI/ASTM A 506
RODS: STEEL, ANSI/ASTM A 575
ROD COUPLINGS: MALLEABLE IRON, ANSI/ASTM A 197
BOLTS: STEEL ANSI/ASTM A 307
CAST IRON WASHERS: ANSI/ASTM A 126, CLASS A
15) TAPPING SLEEVES SHALL BE MECHANICAL JOINT SLEEVES OR FABRICATED STEEL SLEEVES AS SPECIFIED BELOW.
SLEEVES SHALL BE CAST OF GRAY-IRON OR DUCTILE IRON AND HAVE AN OUTLET FLANGE WITH THE DIMENSIONS OF THE CLASS 125 FLANGES SHOWN IN ANSI B16.1 PROPERLY RECESSED FOR TAPPING VALVE. GLANDS SHALL BE GRAY-IRON OR DUCTILE IRON. GASKETS SHALL BE VULCANIZED NATURAL OR SYNTHETIC RUBBER. BOLTS AND NUTS SHALL COMPLY WITH ANSI/AWWA C111/A21.11. SLEEVES SHALL BE CAPABLE OF WITHSTANDING 200 PSI WORKING PRESSURE.
16) SLEEVES SHALL BE FABRICATED OF MINIMUM 3/8" CARBON STEEL MEETING ASTM A286 GRADE C. OUTLET FLANGE SHALL MEET AWWA C-270, CLASS "D" ANSI 150 LB. DRILLING AND BE PROPERLY RECESSED FOR THE TAPPING VALVE. BOLTS AND NUTS SHALL BE HIGH STRENGTH LOW ALLOY STEEL TO AWWA C111 (ANSI A21.11). GASKET SHALL BE VULCANIZED NATURAL OR SYNTHETIC RUBBER. SLEEVE SHALL HAVE MANUFACTURER APPLIED FUSION BONDED EPOXY COATING, MINIMUM 12 MIL THICKNESS.
17) MECHANICAL RESTRAINING DEVICES AS SPECIFIED HEREIN MAY BE SUBSTITUTED FOR THE RESTRAINED "LOCKED-TYPE" JOINTS MANUFACTURED BY THE DUCTILE IRON PIPE AND FITTING MANUFACTURER.
18) MECHANICAL JOINT RESTRAINT SHALL BE INCORPORATED IN THE DESIGN OF THE FOLLOWER GLAND AND SHALL INCLUDE A RESTRAINING MECHANISM WHICH, WHEN ACTIVATED, IMPARTS MULTIPLE WEDGING ACTION AGAINST THE PIPE, INCREASING ITS RESISTANCE AS THE PRESSURE INCREASES. FLEXIBILITY OF THE JOINTS SHALL BE MAINTAINED AFTER BURIAL. GLANDS SHALL BE FABRICATED OF DUCTILE IRON CONFORMING TO ASTM A536. RESTRAINING DEVICES SHALL BE OF DUCTILE IRON HEAT TREATED TO A MINIMUM HARDNESS OF 370 BHN. DIMENSIONS OF THE GLANDS SHALL BE SUCH THAT IT CAN BE USED WITH THE STANDARDIZED MECHANICAL JOINT BELL AND TEE-HEAD BOLTS CONFORMING TO ANSI A21.11 AND ANSI/AWWA C153/A21.53. TWIST-OFF NUTS SHALL BE USED TO INSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINT DEVICE SHALL HAVE A WORKING PRESSURE OF AT LEAST 250 PSI WITH A MINIMUM SAFETY FACTOR OF 2:1.
19) BACTERIOLOGICAL TESTING SHALL BE IN ACCORDANCE WITH AWWA STANDARDS, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES.
20) CONTRACTOR SHALL DELIVER TO ENGINEER A LEGIBLE COPY OF THE BACTERIOLOGICAL TEST WITHIN (2) WEEKS OF SAID TEST AND SHALL ALSO DELIVER TO UTILITIES DEPARTMENT ENGINEER TWO (2) LEGIBLE COPIES AS REQUIRED.
21) PRESSURE AND LEAKAGE TESTING SHALL BE IN ACCORDANCE WITH AWWA STANDARDS. BEFORE BEGINNING THE ACTUAL PRESSURE TESTING, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. PRESSURE TESTING WILL BE DONE IN THE PRESENCE OF THE ENGINEER, AND WILL NOT BE CONSIDERED COMPLETE UNTIL APPROVED IN WRITING BY THE ENGINEER.
PRESSURE TEST TO BE AT 150 PSI FOR 2 HOURS.
TESTING, DISINFECTION AND FLUSHING SHALL BE DONE IN ACCORDANCE WITH AWWA C651 SPECIFICATIONS. FLUSHING TO BE AT 3 FPS MINIMUM, 6X PIPE VOLUME MINIMUM.
ALL CORPORATION STOPS SHALL BE 1" FORD F100.
ALL CURB STOPS SHALL BE 3/4" FORD B43-444W.
ALL FIRE HYDRANTS SHALL BE AMERICAN DARLING B-84B OR AVK 2780 NOSTALGIC.
PIPE COLORS SHALL BE:
SEWER PIPE: GREEN
POTABLE WATER: BLUE
RECLAIMED WATER: PURPLE
14 GAUGE COPPER WIRE TO BE INSTALLED OVER FORCEMAIN AND WATER LINES. IN ADDITION, A 2" WIDE DETECT TAPE SHALL BE INSTALLED 1" BELOW FINISH GRADE ELEVATION DIRECTLY OVER LOCATION OF FORCEMAIN AND WATER LINES.

GENERAL NOTES:

- 1) ALL DISTURBED AREAS ARE TO BE GRASSED. HYDROSEED @ 4:1 & FLATTER SOD @ STEEPER THAN 4:1 ALL SOD TO BE STAGGERED & PINNED.
2) CONTRACTOR TO FIELD VERIFY ALL UTILITIES ABOVE OR BELOW GROUND AND NOTIFY ALL UTILITY COMPANIES 2 DAYS PRIOR TO CONSTRUCTION.
3) ALL DEMOLISHED MATERIALS (i.e. SIGNS, CONCRETE, ASPHALT, ETC.) TO BE REMOVED AND DISPOSED OF IN LEGAL MANNER.
4) TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF SPRINGFIELD REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL TESTS.
5) BAY COUNTY TRAFFIC ENGINEERING TECHNICAL SPECIAL PROVISIONS (TSP's), DATED AUGUST 2010 WILL BE FOLLOWED AND TAKE PRECEDENCE OVER THE STANDARD FDOT PEDESTRIAN DESIGN CRITERIA WHERE APPLICABLE.
6) ALL TRAFFIC STRIPING TO BE THERMOPLASTIC PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SEC:711. (WAIT MINIMUM OF 30 DAYS AFTER ASPHALT CONCRETE PLACEMENT TO PLACE PERMANENT THERMOPLASTIC MARKING. TEMPORARY STRIPING TO BE PAINTED STOP BAR ONLY.)
7) PLACE DOUBLE 16" OR SINGLE 16" ROLL STRIP OF SOD ALONG THE EDGE OF ALL PAVEMENT, CURBING, SIDEWALKS, INLETS AND MITERED END SECTIONS.
8) NO LANE CLOSURES AT ANY TIME UNLESS APPROVED BY THE LOCAL FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) OFFICE. IF LANE CLOSURES ARE APPROVED BY FDOT, ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE FOR A HURRICANE OR ANY OTHER EMERGENCY EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVENT AS DIRECTED BY FDOT.
9) CONTRACTOR TO FIELD VERIFY ALL UTILITIES ABOVE OR BELOW GROUND, REMOVE AND RELOCATE EXISTING UTILITIES AS REQUIRED. CONTRACTOR NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO ANY CONSTRUCTION.
10) FOR MAINTENANCE OF TRAFFIC CONTROL THROUGH WORK ZONES REFER TO FDOT INDEX AS APPLICABLE.
11) THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT AND TO NOTIFY ALL NECESSARY PARTIES PRIOR TO CONSTRUCTION.
12) A COPY OF THE PERMIT WILL BE KEPT ON SITE.
13) AN 8 1/2"x11" WEATHER RESISTANT SIGN, INCLUDING THE PERMIT NUMBER SHALL BE PLACED ON THE PROPERTY FACING THE ROAD.
14) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MONITOR ALL CONSTRUCTION ACTIVITY DURING THE ENTIRE CONSTRUCTION PROCESS.
15) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN AS-BUILT SURVEY OF GRADING, DRAINAGE AND ALL STORMWATER MANAGEMENT FACILITIES. AS-BUILT SURVEY SHOULD MEET THE REQUIREMENTS OF THE CITY OF SPRINGFIELD AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT STANDARDS.

GENERAL NOTES CONTINUES:

- 16) AS-BUILT DRAWINGS WILL BE SUBMITTED TO SCR & ASSOCIATES IN DIGITAL FORMAT (AUTOCAD R14 OR LATER), AS WELL AS PAPER COPY SIGNED AND SEALED BY THE PROFESSIONAL LAND SURVEYOR OF RECORD.
17) THE EXACT LOCATION AND ELEVATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING SHALL BE PHYSICALLY VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT PURPORT TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES, OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING, WHENEVER NECESSARY. THE OWNER RESERVES THE RIGHT TO CHANGE LOCATION OF LINES TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES, OR PIPING.
18) THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S ENGINEER OF ANY CONFLICT BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.
19) THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION.
20) THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF WORK CALLED FOR IN THESE CONTRACT DOCUMENTS.
21) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LEARN, KNOW, AND COMPLY WITH THE REGULATIONS, ORDINANCES, PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH THE CONDITIONS OF THE VARIOUS PERMITS OF THE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL SCHEDULE THE REQUIRED INSPECTIONS AND APPROVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE NECESSARY AGENCIES OF CONSTRUCTION COMMENCEMENT.
22) ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF LATEST ISSUE AND SHALL BE CONSIDERED A PART OF THESE DOCUMENTS AS THOUGH INCLUDED.
23) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OF CONSTRUCTION STAKES TO MARK THE LOCATION, ALIGNMENT, POSITION, AND GRADE OF THE WORK. THE STAKES PROVIDED SHALL BE ADEQUATE IN NUMBER, POSITION, AND ELEVATION SO THAT THE PHYSICAL ITEM CAN BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. THE CONSTRUCTION LAYOUT SURVEY SHALL MEET THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 21HH-6, FLORIDA ADMINISTRATIVE CODE), AND SHALL BE PERFORMED BY A PERSON OF ADEQUATE EXPERTISE. FAILURE TO PERFORM THE CONSTRUCTION STAKEOUT IN ACCORDANCE WITH THE CONSTRUCTION PLANS MAY RESULT IN REMOVAL AND REPLACEMENT OF THE IMPROVEMENTS AT NO EXPENSE TO THE OWNER. IN NO CASE SHALL THE CONTRACTOR SCALE INFORMATION FROM THE PLANS OR ATTEMPT TO CONSTRUCT IMPROVEMENTS WITHOUT PERFORMING THE CONSTRUCTION LAYOUT IN ACCORDANCE WITH THE INFORMATION CONTAINED HEREIN. SYMBOLS MAY NOT BE TO SCALE. SEE STANDARD DETAILS FOR EXACT APPROPRIATE DIMENSIONS.
24) IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN ADEQUATE TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES.
25) PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL INSTALL ANY REQUIRED SILT FENCING OR BALED HAY BARRIERS (FDOT INDEX 102) FOR SILT CONTROL. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK. COST SHALL BE INCLUDED IN OTHER ITEMS OF WORK. LOCATION SHALL BE AS SHOWN ON THE PLANS AS A MINIMUM AND AS NEEDED DURING CONSTRUCTION.
26) WHERE IT BECOMES NECESSARY TO TEMPORARILY REMOVE, REPOSITION, OR SUPPORT EXISTING FACILITIES. THIS WORK SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER. THE CONTRACTOR SHALL FULLY EXPLAIN THE ENTIRE PROJECT SITE AND INFORM HIMSELF FULLY IN REGARD TO ALL CONDITIONS PERTAINING TO THE PLACE WHERE THE WORK IS TO BE PERFORMED FOR PURPOSE OF DETERMINING HIS COST TO PERFORM THE WORK. THE CONTRACTOR SHOULD PAY SPECIAL ATTENTION TO AREAS INVOLVING CLEARING AND GRUBBING, EXISTING FACILITIES REMOVAL AND REPLACEMENT, OR RELOCATION.
27) WHEN WORK ALONG DRIVES REQUIRES THE REMOVAL AND REPLACEMENT OF EXISTING DRAINAGE STRUCTURES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR RELATED ITEMS OF WORK.
28) ALL SODDING AND GRASSING SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION REGARDING MATERIALS, INSTALLATION AND INITIAL MAINTENANCE.
29) IF DURING CONSTRUCTION OR OPERATION OF THE STORMWATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDIAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE.
30) FOR WET POND CONSTRUCTION, IN AREAS CONTAINING FINE SANDS AND HIGH GROUND WATER TABLE, IT MAY BE NECESSARY TO STABILIZE POND SIDE SLOPES DURING CONSTRUCTION.
31) IT IS UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY, FAILURE TO DISPOSE OF SOLID WASTE AS SPECIFIED IN SECTION 22-149 OF BAY COUNTY MUNICIPAL CODE OF ORDINANCES IS PUNISHABLE UNDER SECTION 1-6.

TIMING OF CONTROLS/MEASURES:

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION AND TURBIDITY CONTROL PLAN. SEE SWPPP.

ENVIRONMENTAL SEQUENCE:

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ANY ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

SEQUENCE OF MAJOR ACTIVITIES:

- THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:
1) INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2) INSTALL SILT FENCES AND HAY BALES, AS REQUIRED.
3) CONSTRUCT SEDIMENTATION BASIN.
4) CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN AT PERMANENT POND LOCATION.
5) CONTINUE CLEARING AND GRUBBING.
6) STOCKPILE TOP SOIL IF REQUIRED.
7) PERFORM PRELIMINARY GRADING ONSITE, AS REQUIRED.
8) STABILIZE DENUDED AREA AND STOCKPILES AS SOON AS PRACTICABLE.
9) INSTALL UTILITIES, STORM SEWER, CURBS AND GUTTER.
10) APPLY BASE TO PROJECT.
11) COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING.
12) COMPLETE FINAL PAVING.
13) UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
14) UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND BE EXCAVATED A MINIMUM OF SIX INCHES BELOW THE DESIGN BOTTOM ELEVATION AND REPLACED WITH FILL HAVING A MINIMUM PERMEABILITY RATE OF 20 FEET/DAY WITH A MAXIMUM OF 5% SOIL FINES PASSING THE No. 200 SIEVE. THE BOTTOM SHALL BE SCARIFIED AND STABILIZED ACCORDING TO THESE PLANS. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITH THE STORMWATER MANAGEMENT FACILITY(S).
15) WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/ SOD, AS REQUIRED.

FOR PERMIT PURPOSES ONLY NOT FOR CONSTRUCTION

PAVING, GRADING, AND EARTH WORK NOTES:

- 1) ANY DEFICIENCY IN THE QUANTITY OF MATERIAL FOR BACK FILLING THE TRENCHES, OR FOR FILLING DEPRESSIONS CAUSED BY SETTLEMENT, SHALL BE SUPPLIED BY THE CONTRACTOR AT NO COST TO THE OWNER. THIS ALSO APPLIES TO BASE COURSE UNDER PAVED STREETS.
2) ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED, MULCHED, SODDED, STABILIZED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, WITHIN FIVE (5) DAYS AFTER CONSTRUCTION.
3) PROPOSED SPOT ELEVATIONS REPRESENT PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
4) THE CONTRACTOR SHALL INSTALL ALL TRAFFIC CONTROL DEVICES REQUIRED FOR THE PROJECT IN ACCORDANCE WITH THE LATEST EDITION OF THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5) ALL EXISTING CONCRETE, ASPHALT, TREES, STUMPS, AND OTHER DELETERIOUS MATERIAL TO BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH FLORIDA LAWS. NO DEMOLISHED MATERIAL SHALL BE BURIED ON-SITE.
6) ALL EXISTING PAVEMENT TO BE REMOVED SHALL BE SAW CUT.
7) ALL PAVEMENT MARKINGS WITHIN FDOT RIGHT-OF-WAY SHALL BE MADE WITH THERMOPLASTIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 711.

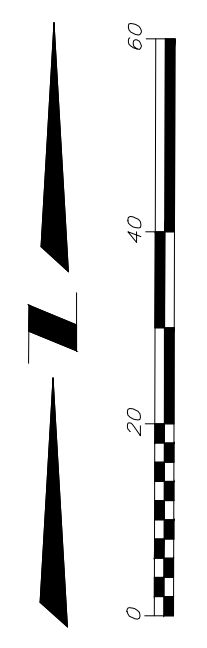
PAVEMENT TESTING AND INSPECTION REQUIREMENTS

- 1) TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE TESTING SCHEDULE CONTAINED WITHIN THESE PLANS. SELECTION AND CONTRACTING WITH THE TESTING FIRMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL TESTS.
2) ACCEPTANCE TESTING FOR NEW PAVEMENT SHALL CONSIST OF ONE PASS OF A STANDARD 15-FOOT ROLLING STRAIGHT EDGE OPERATED WHILE THE PAVEMENT IS STILL HOT. ALL DEFICIENCIES IN EXCESS OF 3/16 INCH SHALL BE CORRECTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 330.

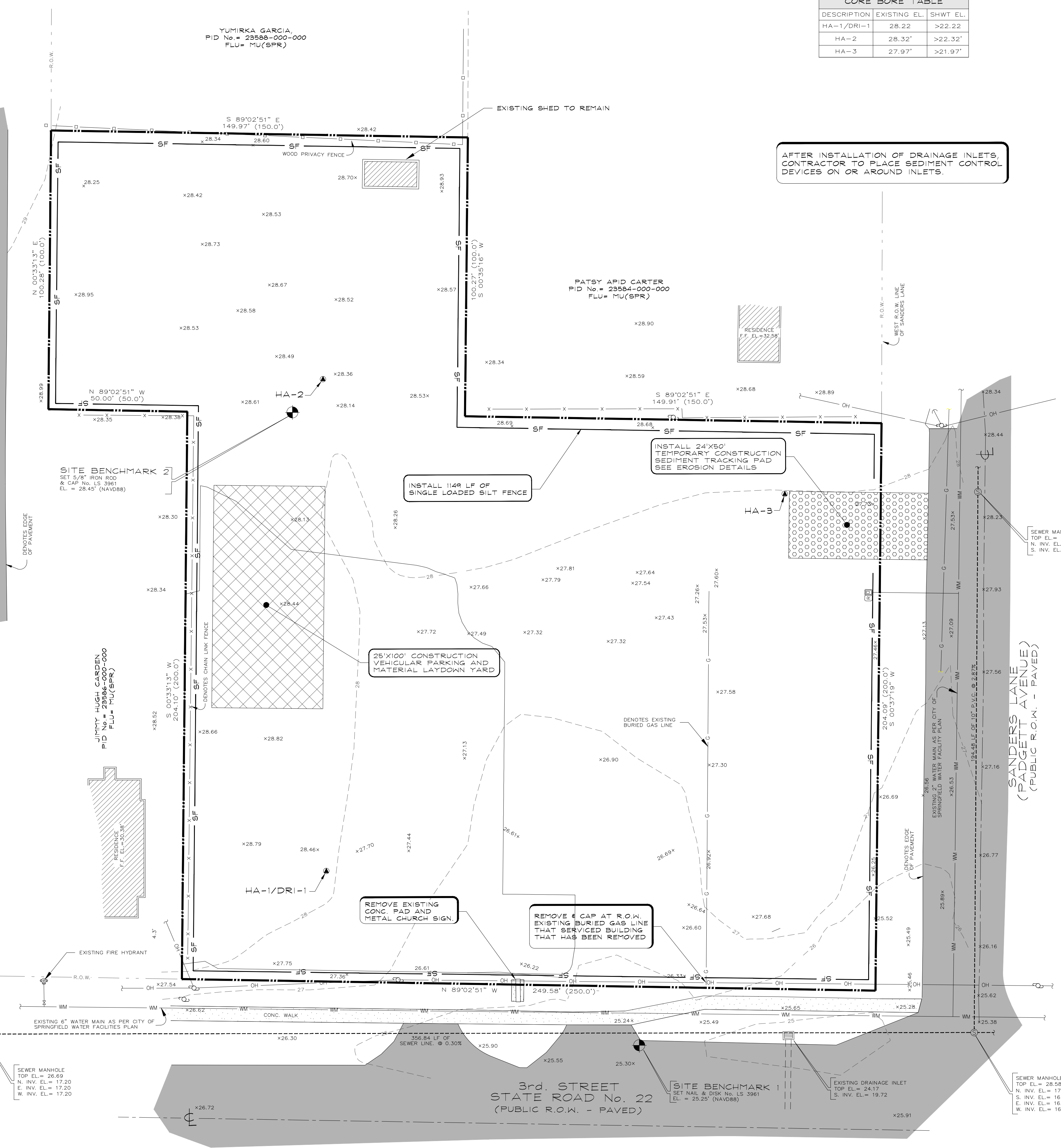
BENCHMARK & ELEVATION NOTES:

- 1) ELEVATIONS SHOWN HEREON ARE BASED ON THE PROJECT ELEVATION DATUM AS CONTAINED IN THE TITLE BLOCK AND THE SITE BENCHMARKS AS SHOWN. VERTICAL LAYOUT TO BE PERFORMED USING THE PROVIDED SITE BENCHMARKS AND NOTES.
2) BENCHMARKS SHOWN HEREON SHALL BE USED IN THE CONSTRUCTION OF THE PROJECT. IN NO CASE SHALL ANY OTHER BENCHMARK OR ELEVATION REFERENCE BE USED IN THE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL NOT USE THE ELEVATION OF EXISTING IMPROVEMENTS SHOWN HEREON OR FROM OTHER SOURCES AS A BASIS FOR CONSTRUCTION. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN THE REMOVAL AND REPLACEMENT OF CONSTRUCTED IMPROVEMENTS AT NO COST TO THE OWNER.
3) IN THE EVENT THAT BENCHMARKS ARE DISTURBED OR DESTROYED DURING CONSTRUCTION, CONTRACTOR SHALL NOTIFY SCR & ASSOCIATES FOR REPAIR OR REPLACEMENT. USE OF THE PROVIDED BENCHMARKS FOR VERTICAL CONTROL SHOULD BE PERFORMED IN ACCORDANCE WITH STANDARD SURVEYING TECHNIQUES AND THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA, FAC 61G17. PRIOR TO UTILIZING THE BENCHMARKS FOR VERTICAL LAYOUT, CONTRACTOR SHALL CHECK BETWEEN MINIMUM OF TWO PROVIDED BENCHMARKS TO INSURE THEIR INTEGRITY.

Vertical strip containing project information: PROJECT NAME: SPRINGFIELD BAPTIST CHURCH, CLIENT NAME: SPRINGFIELD BAPTIST CHURCH, SHEET TITLE: NOTES, SHEET NUMBER: C.1, DATE: 9/22/2023, and a professional seal for SCR & Associates, Inc., a Professional Land Surveyor in the State of Florida, License No. 15828.



HELEN AVENUE
(BROOME AVENUE)
(PUBLIC R.O.W. - PAVED)



CORE BORE TABLE		
DESCRIPTION	EXISTING EL.	SHWT EL.
HA-1/DRI-1	28.22	>22.22
HA-2	28.32'	>22.32'
HA-3	27.97'	>21.97'

**FOR PERMIT
PURPOSES ONLY
NOT FOR CONSTRUCTION**

AFTER INSTALLATION OF DRAINAGE INLETS,
CONTRACTOR TO PLACE SEDIMENT CONTROL
DEVICES ON OR AROUND INLETS.

DESCRIPTION:
LOTS 9, 10, 11, 12, 13, 14, 17, 18, THE EAST 100' OF LOT 16, IN BLOCK 2, PLAT OF A. F. WHITING ADDITION TO SPRINGFIELD, FLORIDA, LOCATED IN THAT PART OF THE SOUTHWEST QUARTER OF NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 4 SOUTH, RANGE 14 WEST, SAID PLAT BEING ON FILE WITH THE CLERK OF THE CIRCUIT COURT, BAY COUNTY, FLORIDA.

NOTES:
SEE BOUNDARY SURVEY PERFORMED BY SGR & ASSOCIATES, JOB No. 15828; FILE No. R17671 DATED 12-17-2021 & TOPOGRAPHIC SURVEY PERFORMED BY SGR & ASSOCIATES, JOB No. 15828; FILE No. R17671-T DATED 12-21-21.
VERTICAL INFORMATION SHOWN HEREON IS REFERENCED TO THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION CONTROL, BEING A CONCRETE MONUMENT STAMPED "46-12-B02V" HAVING A PUBLISHED ELEVATION OF 28.50 NAVD 88 DATUM.
A REVIEW OF THE FLOOD INSURANCE RATE MAP FOR BAY COUNTY, FLORIDA, MAP No. 1200500363H, REVISED JUNE 2, 2009 INDICATES THAT THE PARCEL SHOWN HEREON IS WITHIN ZONE "X".
PIPE SIZES AND TYPES AS SHOWN HEREON, ARE SHOWN ACCORDING TO INFORMATION/DATA AS PROVIDED BY THE UTILITY CONTRACTOR AND WERE NOT FIELD EXCAVATED/UNCOVERED FOR VERIFICATION.
FEATURES SHOWN BY SYMBOL AS INDICATED IN THE LEGEND ARE NOT TO SCALE.

SITE BENCHMARK 2
SET 5/8" IRON ROD
@ CAP No. LS 3961
EL. = 28.45' (NAVD88)

JIMMY HUGH GARDEN
PID No. = 23584-000-000
FLU = MU(SPR)

YUMIRKA GARCIA,
PID No. = 23584-000-000
FLU = MU(SPR)

PATSY APID CARTER
PID No. = 23584-000-000
FLU = MU(SPR)

RESIDENCE
F.F. EL. = 32.38'

25'X100' CONSTRUCTION
VEHICULAR PARKING AND
MATERIAL LAYDOWN YARD

REMOVE EXISTING
CONC. PAD AND
METAL CHURCH SIGN.

REMOVE & CAP AT R.O.W.
EXISTING BURIED GAS LINE
THAT SERVICED BUILDING
THAT HAS BEEN REMOVED

3rd. STREET
STATE ROAD No. 22
(PUBLIC R.O.W. - PAVED)

SITE BENCHMARK 1
SET NAIL & DISK No. LS 3961
EL. = 25.25' (NAVD88)

SANDERS LANE
(PADGETT AVENUE)
(PUBLIC R.O.W. - PAVED)

LINETYPE & HATCHING LEGEND

EXISTING	PROPOSED
[Hatched Box]	[Hatched Box]
[Dotted Box]	[Dotted Box]
[Solid Grey Box]	[Solid Grey Box]
[Dashed Line]	[Dashed Line]
[Solid Line]	[Solid Line]
[Line with 'WM']	[Line with 'WM']
[Line with 'FM']	[Line with 'FM']
[Line with 'GS']	[Line with 'GS']
[Line with 'F']	[Line with 'F']
[Line with 'OH']	[Line with 'OH']
[Line with '25']	[Line with '25']
[Line with '4B']	[Line with '4B']
[Line with 'G']	[Line with 'G']
[Line with 'V']	[Line with 'V']

SYMBOLS & ABBREVIATIONS

CL	CENTERLINE	BFP	BACK FLOW PREVENTER
EX	EXISTING	EX	EXISTING
SMF	STORMWATER MANAGEMENT FACILITY	PRO	PROPOSED
HRZ.	HORIZONTAL	EX	EXISTING TELEPHONE OPTIC PEDESTAL
VERT.	VERTICAL	EX	EXISTING GATE VALVE
No.	NUMBER	EX	EXISTING SEWER MANHOLE
LB	LICENSED BUSINESS PROFESSIONAL ENGINEER	EX	EXISTING BACKFLOW PREVENTER
R.E.	RADIUS	EX	EXISTING SEWER MANHOLE
ELEV.	ELEVATION	EX	EXISTING UTILITY POLE
F.F.E.	FINISHED FLOOR ELEVATION	EX	EXISTING GUY ANCHOR
CONC.	CONCRETE	EX	EXISTING WATER METER
SF	SQUARE FEET	EX	EXISTING SPOT ELEVATION
N	NORTH	EX	EXISTING FIRE HYDRANT
E	EAST	EX	EXISTING MITERED END SECTION
W	WEST	EX	EXISTING SPOT ELEVATION
S	SOUTH	EX	EXISTING MITERED END SECTION
EX	EXISTING	EX	EXISTING BACKFLOW PREVENTER
LF	LINEAR FEET	EX	EXISTING CLEANOUT
REQ.	REQUIREMENTS	EX	EXISTING SLOPE DIRECTION ARROW
WM	WATER METER	EX	EXISTING TIE IN POINT OF PROPOSED GRADE TO EXISTING GRADE
REG.	REGULATIONS	EX	EXISTING PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
A.G.	ADJACENT GRADE	EX	EXISTING NUMBER OF PARKING SPACES
LA	LANDSCAPE AREA	EX	EXISTING GEOTECHNICAL BORING LOCATION
P.V.C.	POLYVINYL CHLORIDE	EX	
UNL.	UNLESS OTHERWISE NOTED	EX	
SHWT	SEASONAL HIGH WATER TABLE	EX	
W.S.	WATER SERVICE	EX	
W.S.	WATER SERVICE	EX	
S.S.	SANITARY SEWER LATERAL	EX	
SCS	SEWER CLEAN-OUT	EX	
T.T.E.	TIE TO EXISTING	EX	
D.B.	DEPARTMENT OF BUREAU	EX	
PC	PAGE	EX	
EV	ELECTRIC VEHICLE	EX	

REVISIONS

NO.	DATE	DESCRIPTION

DATE: _____

PROJECT NAME: **SPRINGFIELD BAPTIST CHURCH**
SPRINGFIELD, FLORIDA

CLIENT NAME: **SPRINGFIELD BAPTIST CHURCH**

ISSUE DATE: **NOT ISSUED**

SHEET: **C.2**

VERT. SCALE: **N/A**

PROJECT No. **15828**

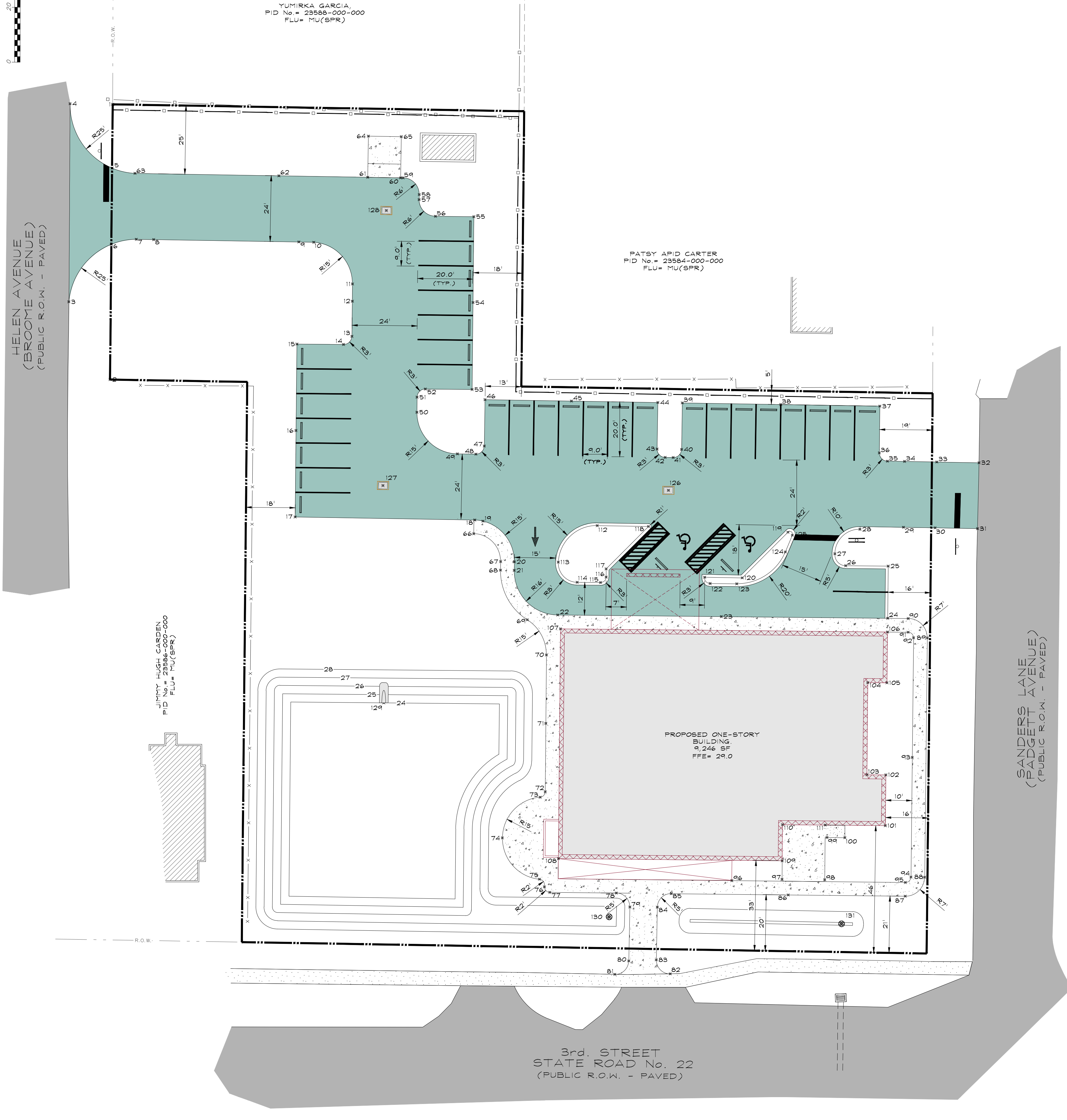
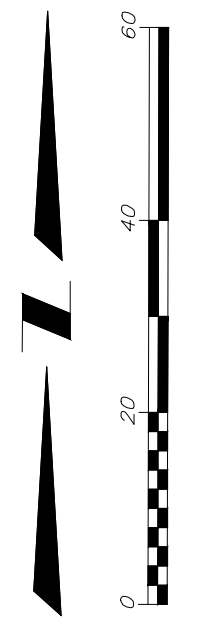
FILE No. **R19011**

DATE: **9/22/2023**

SPRINGFIELD BAPTIST CHURCH JOB No. 15828

SGR & Associates
ENGINEERING - SURVEYING
3445 HWY 989, BLDG. PANAMA CITY, FLORIDA 32405
(Phone) (904) 265-8979 Fax (904) 265-4842
FLORIDA LICENSE No. LC 7051 - FLORIDA CO. No. CB215

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NOT FOR CONSTRUCTION



POINT TABLE			
POINT No.	NORTHING	EASTING	DESCRIPTION
1	421407.73	1616681.91	BN DY
2	421307.46	1616680.94	BN DY
3	421335.78	1616665.97	EOP
4	421407.96	1616666.38	EOP
5	421384.51	1616681.68	GB
6	421356.69	1616681.42	GB
7	421358.55	1616690.52	EOP
8	421358.44	1616696.84	EOP
9	421357.57	1616749.74	EOP
10	421357.46	1616755.21	EOP
11	421342.31	1616769.31	EOP
12	421335.99	1616769.23	GB
13	421323.20	1616769.09	EOP
14	421320.23	1616766.06	EOP
15	421320.40	1616749.03	EOP
16	421288.90	1616748.71	EOP
17	421257.41	1616748.39	EOP
18	421256.28	1616813.83	EOP
19	421255.87	1616816.85	GB
20	421241.04	1616828.29	EOP
21	421237.93	1616826.24	EOP
22	421221.66	1616844.08	EOP
23	421221.08	1616903.70	EOP
24	421220.48	1616964.32	BOC
25	421239.48	1616964.51	BOC
26	421239.63	1616949.04	BOC
27	421243.98	1616945.08	BOC
28	421252.89	1616954.24	BOC
29	421253.61	1616970.07	GB
30	421253.41	1616981.59	EOP
31	421253.15	1616997.06	EOP
32	421277.14	1616997.60	EOP
33	421277.42	1616982.22	EOP
34	421277.62	1616970.48	GB
35	421277.72	1616964.25	EOP
36	421280.75	1616961.30	EOP
37	421297.77	1616961.48	EOP
38	421298.37	1616925.39	EOP
39	421298.96	1616889.49	EOP
40	421282.01	1616889.21	EOP
41	421279.06	1616886.16	EOP
42	421279.11	1616883.26	EOP
43	421282.16	1616880.31	EOP
44	421299.11	1616880.59	EOP
45	421299.63	1616849.09	EOP
46	421300.16	1616817.60	EOP
47	421283.24	1616817.32	GB
48	421280.29	1616814.27	EOP
49	421280.40	1616807.52	EOP
50	421295.56	1616792.78	EOP
51	421301.02	1616792.84	EOP
52	421303.99	1616795.87	EOP
53	421303.81	1616812.90	EOP
54	421335.52	1616813.23	GB
55	421366.81	1616813.55	EOP
56	421366.95	1616799.55	EOP
57	421373.02	1616793.61	EOP
58	421374.86	1616793.63	EOP
59	421380.92	1616787.73	EOP
60	421380.94	1616786.84	EOP
61	421381.15	1616774.84	EOP
62	421381.69	1616742.49	EOP
63	421382.59	1616690.07	EOP
64	421396.14	1616775.09	DUMPSTER
65	421395.94	1616787.09	DUMPSTER
66	421251.29	1616813.47	SDWLK
67	421241.13	1616823.29	SDWLK
68	421238.01	1616823.24	SDWLK
69	421219.92	1616833.01	SDWLK
70	421207.11	1616839.98	SDWLK

POINT TABLE			
POINT No.	NORTHING	EASTING	DESCRIPTION
71	421182.19	1616839.76	SDWLK
72	421157.26	1616839.54	SDWLK
73	421155.29	1616837.70	SDWLK
74	421140.47	1616823.91	SDWLK
75	421125.41	1616837.43	SDWLK
76	421122.65	1616839.23	SDWLK
77	421120.63	1616841.21	SDWLK
78	421120.37	1616865.46	SDWLK
79	421115.27	1616870.40	SDWLK
80	421095.65	1616870.00	SDWLK
81	421090.75	1616864.90	SDWLK
82	421090.95	1616885.11	SDWLK
83	421096.05	1616880.01	SDWLK
84	421115.25	1616880.40	SDWLK
85	421120.15	1616885.46	SDWLK
86	421119.69	1616928.09	SDWLK
87	421119.23	1616970.73	SDWLK
88	421126.15	1616977.80	SDWLK
89	421213.33	1616978.75	SDWLK
90	421220.40	1616971.82	SDWLK
91	421215.40	1616971.77	SDWLK
92	421213.38	1616973.75	SDWLK
93	421169.79	1616973.28	SDWLK
94	421126.20	1616972.80	SDWLK
95	421124.23	1616970.78	SDWLK
96	421124.91	1616907.52	SDWLK
97	421125.38	1616925.83	CONC PAD
98	421125.21	1616941.37	CONC PAD
99	421140.62	1616942.21	CONC PAD
100	421140.56	1616948.71	CONC PAD
101	421144.94	1616963.49	BLDG
102	421163.44	1616963.68	BLDG
103	421163.50	1616956.76	BLDG
104	421197.05	1616957.09	BLDG
105	421196.98	1616964.09	BLDG
106	421215.48	1616964.27	BLDG
107	421216.65	1616845.07	BLDG
108	421132.95	1616844.32	BLDG
109	421132.15	1616925.90	BLDG
110	421145.31	1616926.03	BLDG
111	421145.15	1616941.59	BLDG
112	421254.23	1616856.51	BOC
113	421240.95	1616844.28	BOC
114	421233.59	1616851.21	BOC
115	421233.51	1616859.71	BOC
116	421235.49	1616861.73	BOC
117	421238.48	1616861.75	BOC
118	421253.91	1616877.19	BOC
119	421251.85	1616927.97	BOC
120	421235.21	1616911.33	BOC
121	421235.44	1616897.65	BOC
122	421233.12	1616899.63	BOC
123	421233.02	1616909.33	BOC
124	421244.65	1616927.03	BOC
125	421250.76	1616929.60	BOC
126	421267.08	1616884.43	DS-3
127	421268.86	1616780.41	DS-2
128	421369.04	1616781.64	DS-1
129	421189.67	1616780.67	DS-8
130	421111.70	1616862.81	DS-4
131	421109.24	1616947.50	DS-5

EXISTING		PROPOSED	
[Symbol]	BUILDING	[Symbol]	CONCRETE
[Symbol]	STANDARD DUTY ASPHALT PAVEMENT	[Symbol]	POTABLE WATER MAIN
[Symbol]	RIGHT OF WAY	[Symbol]	SEWER FORCE MAIN
[Symbol]	BOUNDARY	[Symbol]	GRAVITY SEWER LINE
[Symbol]	OVERHEAD UTILITIES	[Symbol]	ELEVATION CONTOUR
[Symbol]	DRAINAGE PIPE	[Symbol]	GRADE BREAK
[Symbol]	FLOW LINE	[Symbol]	

SYMBOLS & ABBREVIATIONS	
[Symbol]	BACK FLOW PREVENTER
[Symbol]	EXISTING TELEPHONE OPTIC PEDESTAL
[Symbol]	EXISTING GATE VALVE
[Symbol]	EXISTING BACKFLOW PREVENTER
[Symbol]	EXISTING SEWER MANHOLE
[Symbol]	EXISTING UTILITY POLE
[Symbol]	EXISTING GUY ANCHOR
[Symbol]	EXISTING WATER METER
[Symbol]	EXISTING SPOT ELEVATION
[Symbol]	EXISTING FIRE HYDRANT
[Symbol]	EXISTING MITERED END SECTION
[Symbol]	PROPOSED MITERED END SECTION
[Symbol]	PROPOSED SIGN
[Symbol]	PROPOSED BACKFLOW PREVENTER
[Symbol]	PROPOSED CLEANOUT
[Symbol]	LANDSCAPE AREA
[Symbol]	UNLESS OTHERWISE NOTED, SEASONAL HIGH WATER TABLE
[Symbol]	TOP OF BANK
[Symbol]	WATER SERVICE
[Symbol]	SANITARY SEWER LATERAL
[Symbol]	SEWER CLEAN-OUT
[Symbol]	TE TO EXISTING
[Symbol]	OFFICIAL RECORD BOOK
[Symbol]	PAGE
[Symbol]	ELECTRIC VEHICLE
[Symbol]	TE IN POINT OF PROPOSED GRADE TO EXISTING GRADE
[Symbol]	PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
[Symbol]	NUMBER OF PARKING SPACES
[Symbol]	GEO-TECHNICAL BORING LOCATION

REVISIONS

NO.	DATE	DESCRIPTION

Springfield Baptist Church
Springfield, Florida

Springfield Baptist Church

PROJECT NAME: **Springfield Baptist Church**
CLIENT NAME: **Springfield Baptist Church**

ISSUE DATE: **AS SHOWN**

VERT. SCALE: **N/A**

HORIZ. SCALE: **1"=50'**

PROJECT No.: **15828**

FILE No.: **R19011**

ISSUE DATE: **NOT ISSUED**

SHEET: **C.3**

DATE: **9/22/2023**

JOB No.: **15828**

PROJECT: **SPRINGFIELD BAPTIST CHURCH JOB No. 15828**

NO.	DATE	DESCRIPTION

REVISIONS

DATE: _____

PROJECT NAME: SPRINGFIELD BAPTIST CHURCH
CLIENT NAME: SPRINGFIELD BAPTIST CHURCH

DATE: _____

PROJECT TITLE: GRADING & DRAINAGE PLAN

ISSUE DATE: NOT ISSUED
SHEET: C.3

**FOR PERMIT
 PURPOSES ONLY
 NOT FOR CONSTRUCTION**

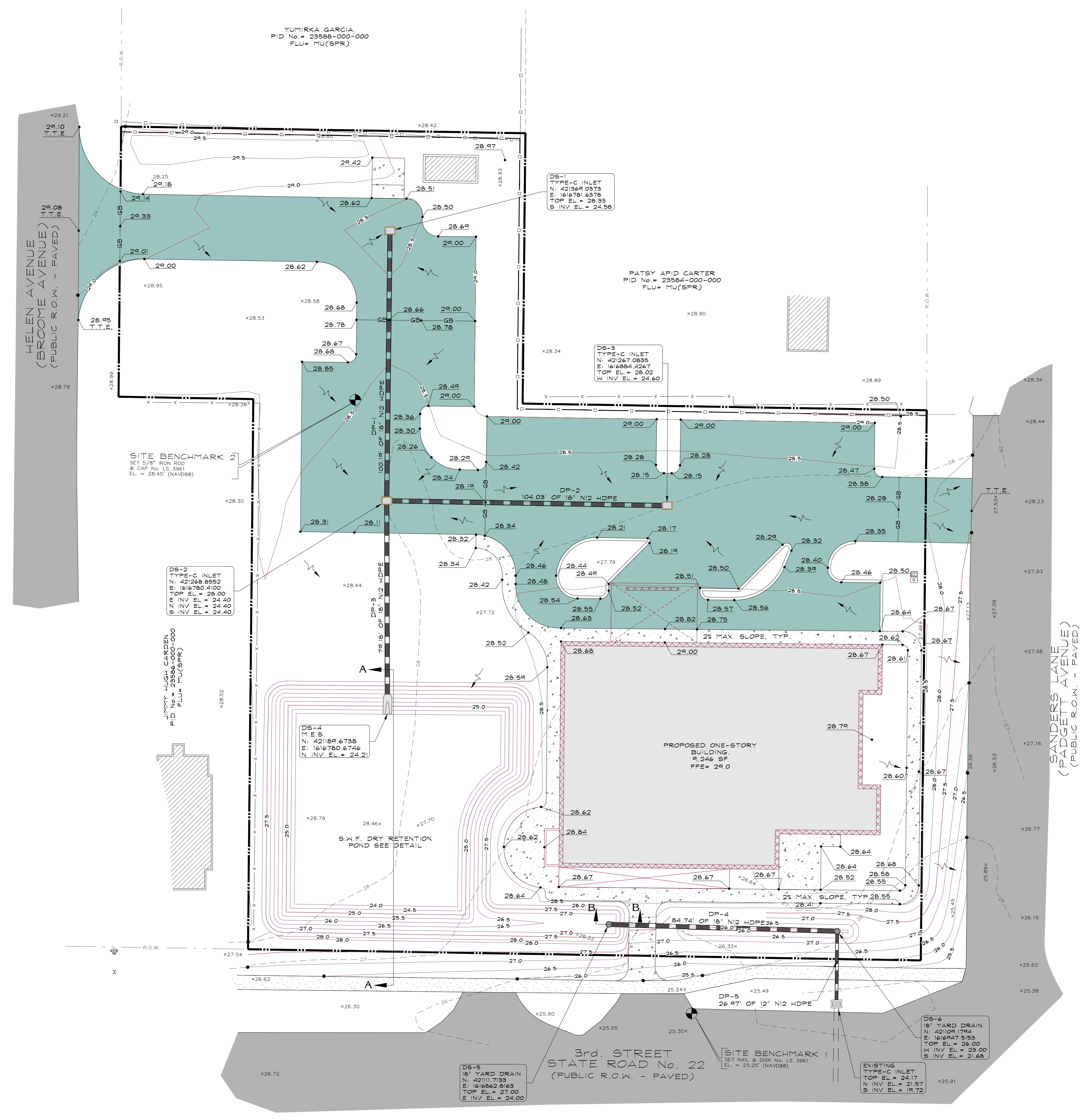
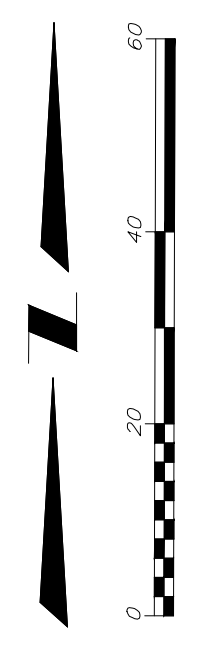
DIRECT ROOF DRAINS TO STORMWATER MANAGEMENT FACILITIES

LINETYPE & HATCHING LEGEND

EXISTING	PROPOSED

SYMBOLS & ABBREVIATIONS

CL	CENTERLINE	BFP	BACK FLOW PREVENTER
ML	MORE OR LESS	EX	EXISTING
SMT	STORMWATER MANAGEMENT FACILITY	PR	PROPOSED
HRZ.	HORIZONTAL	TEL	EXISTING TELEPHONE OPTIC PEDESTAL
VRT.	VERTICAL	GV	EXISTING GATE VALVE
NO.	NUMBER	BFP	EXISTING BACKFLOW PREVENTER
LB	LICENSED BUSINESS	SMH	EXISTING SEWER MANHOLE
P.E.	PROFESSIONAL ENGINEER	UR	EXISTING UTILITY ROLE
R	RADIUS	GA	EXISTING GUY ANCHOR
EL.	ELEVATION	WM	EXISTING WATER METER
F.F.E.	FINISHED FLOOR ELEVATION	SE	EXISTING SPOT ELEVATION
CONC.	CONCRETE	EX	EXISTING FIRE HYDRANT
SF	SQUARE FEET	LF	EXISTING MITERED END SECTION
N	NORTH	INT	EXISTING LINEAR SECTION
E	EAST	CP	PROPOSED SPOT ELEVATION
S	SOUTH	R.C.P.	REINFORCED CONCRETE PIPE
W	WEST	CP	CONCRETE PIPE
EX	EXISTING	TYP.	TYPICAL
LF	LINEAR FEET	W/P	WATER SERVICE
BTM	BOTTOM	REQ.	REQUIRED
INT.	INTERIOR	A.G.	ADJACENT GRADE
R.C.P.	REINFORCED CONCRETE PIPE	L.A.	LANDSCAPE AREA
R.C.P.	REINFORCED CONCRETE PIPE	P.V.C.	POLYVINYL CHLORIDE
SEL.	SECTION	UN	UNLESS OTHERWISE NOTED
SE	SEWER	SWHT	SEASONAL HIGH WATER TABLE
TOP	TOP OF BANK	T.B.	TOE TO EXISTING GRADE
WATER	WATER METER	SS	SANITARY SEWER LATERAL
WATER	WATER METER	SCD	SEWER CLEAN-OUT
WATER	WATER METER	T.T.E.	THE SURVEY'S SCOPE
WATER	WATER METER	TR	TRAIL TO EXISTING
WATER	WATER METER	D.R.B.	DEPARTMENT OF RECORD BOOK
WATER	WATER METER	EV	ELECTRIC VEHICLE
WATER	WATER METER		
WATER	WATER METER		
WATER	WATER METER		



YUMIRKA GARCIA,
 PID No. = 23588-000-000
 FLU = MU(SPR)

PATSY APID CARTER
 PID No. = 23584-000-000
 FLU = MU(SPR)

SITE BENCHMARK 2
 SET 5/8" IRON ROD
 & CAP NO. L5 3981
 EL. = 28.45 (NAVD88)

JIMMY HUGH GARDEN
 PID No. = 23586-000-000
 FLU = MU(SPR)

DS-2
 TYPE-C INLET
 N: 421268.8552
 E: 1616780.4102
 TOP EL. = 28.00
 N INV. EL. = 24.40
 S INV. EL. = 24.40

DS-4
 TYPE-C INLET
 N: 421189.6738
 E: 1616780.6746
 TOP EL. = 24.21
 N INV. EL. = 24.21

DS-1
 TYPE-C INLET
 N: 421369.0373
 E: 1616780.6373
 TOP EL. = 28.33
 S INV. EL. = 24.58

DS-3
 TYPE-C INLET
 N: 421267.0835
 E: 1616884.4267
 TOP EL. = 28.02
 N INV. EL. = 24.60

DS-4
 TYPE-C INLET
 N: 421189.6738
 E: 1616780.6746
 TOP EL. = 24.21
 N INV. EL. = 24.21

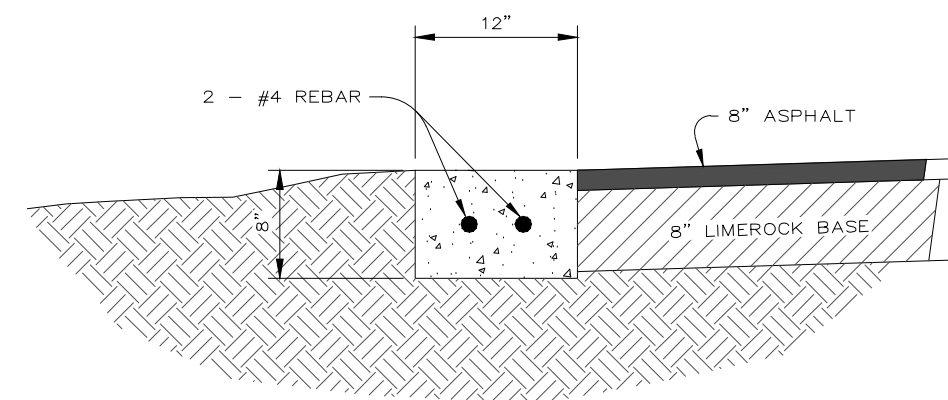
3rd. STREET
 STATE ROAD No. 22
 (PUBLIC R.O.W. - PAVED)

DS-5
 18" YARD DRAIN
 N: 421111.7193
 E: 1616862.8163
 TOP EL. = 27.00
 N INV. EL. = 24.00

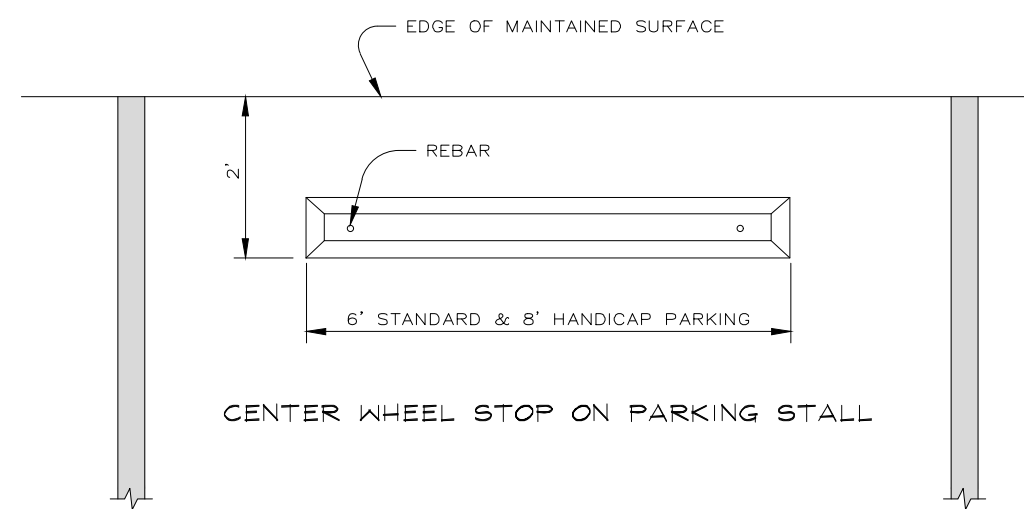
SITE BENCHMARK 1
 SET NAIL & DISK NO. L5 3961
 EL. = 25.25 (NAVD88)

EXISTING
 TYPE-C INLET
 TOP EL. = 24.17
 N INV. EL. = 21.57
 S INV. EL. = 19.72

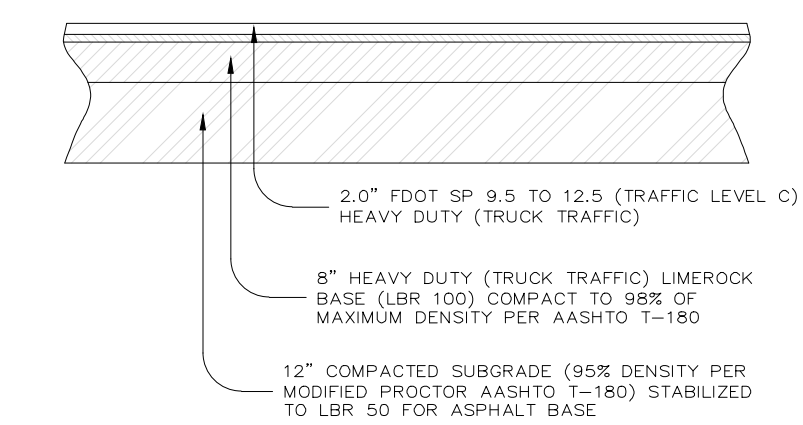
DS-6
 18" YARD DRAIN
 N: 421091.1794
 E: 1616847.5155
 TOP EL. = 26.00
 N INV. EL. = 23.00
 S INV. EL. = 21.65



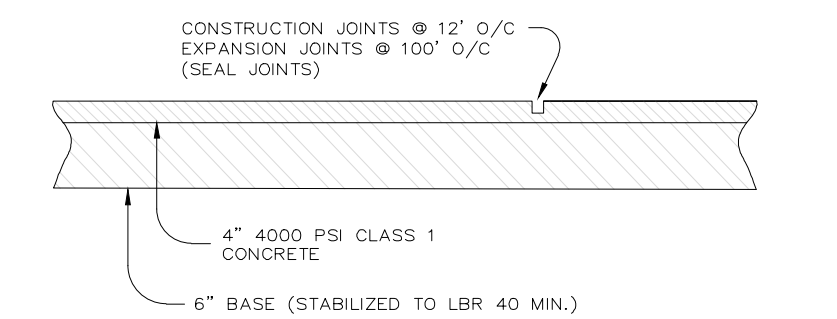
**RIBBON CURB
DETAIL**
NOT TO SCALE



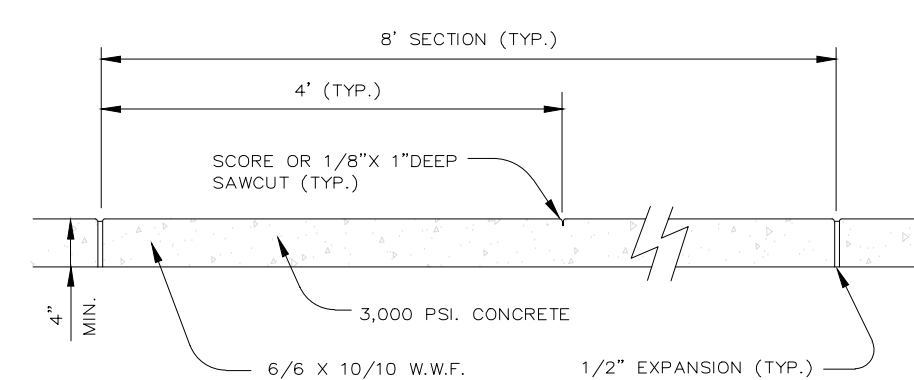
WHEEL STOP DETAIL
NOT TO SCALE



TYPICAL PAVEMENT SECTION
NOT TO SCALE

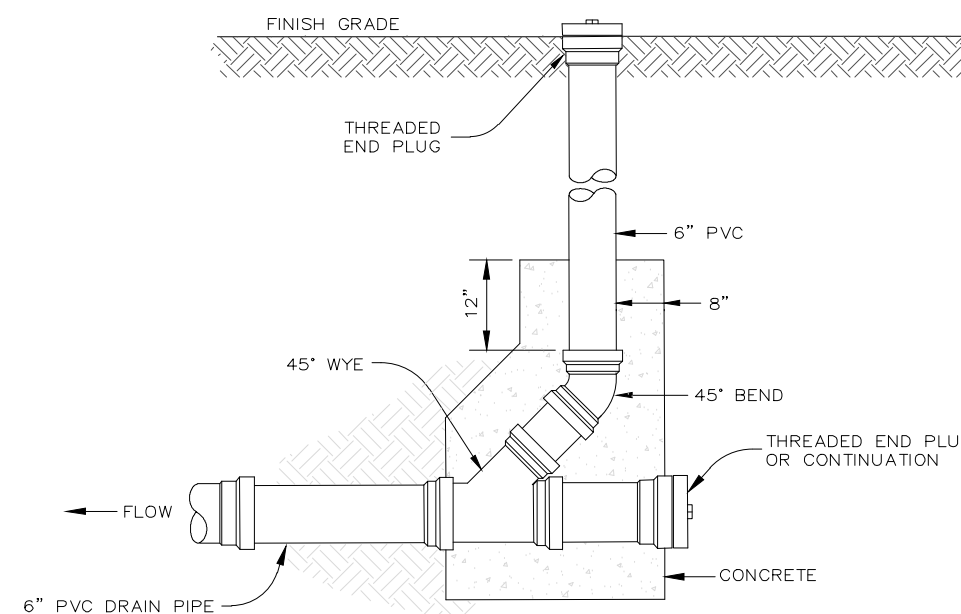


CONCRETE PAD DETAIL
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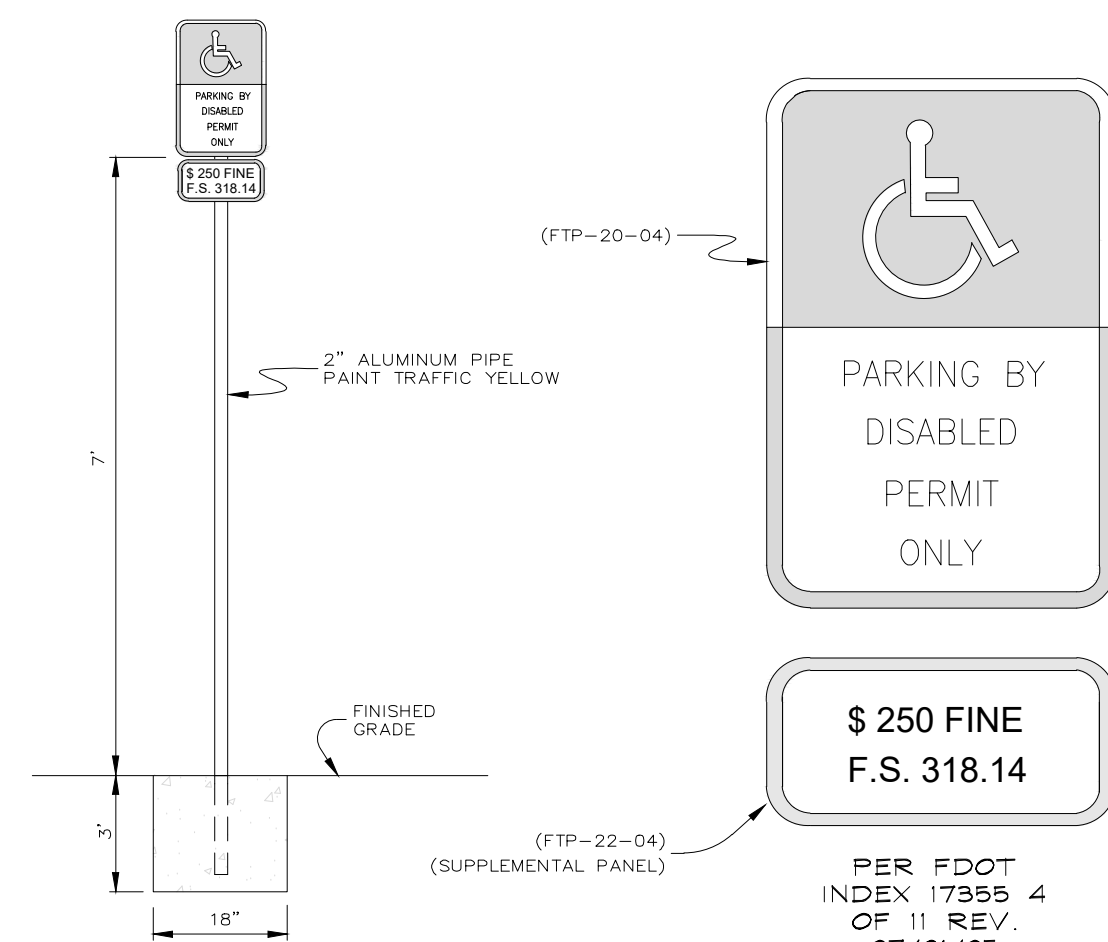


*CROSS SLOPE NOT TO EXCEED 2%

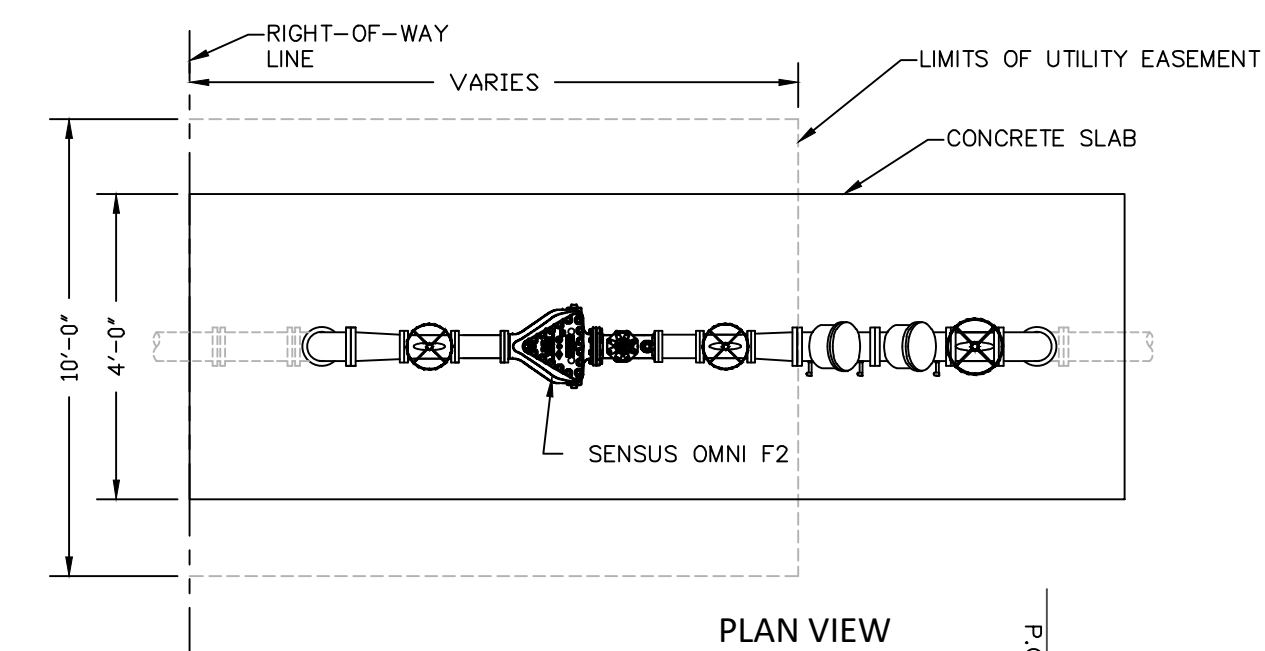
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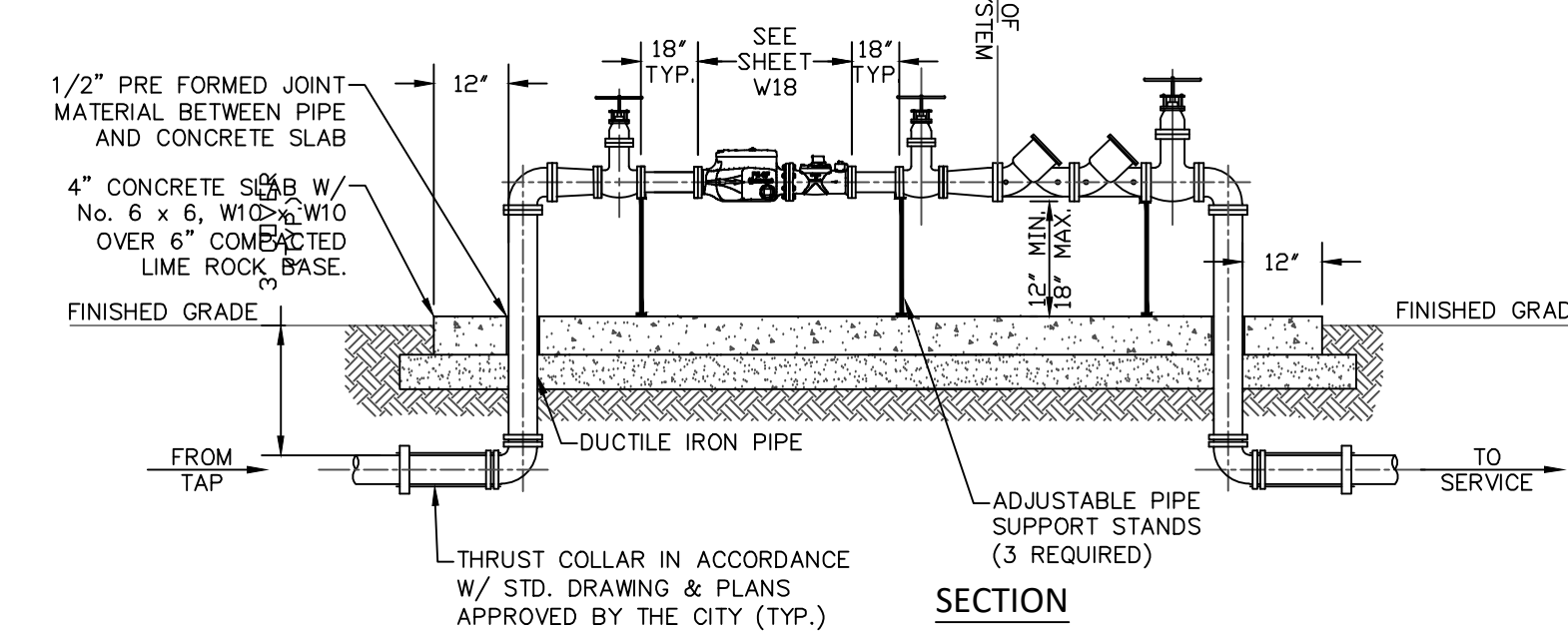
CLEAN-OUT DETAIL
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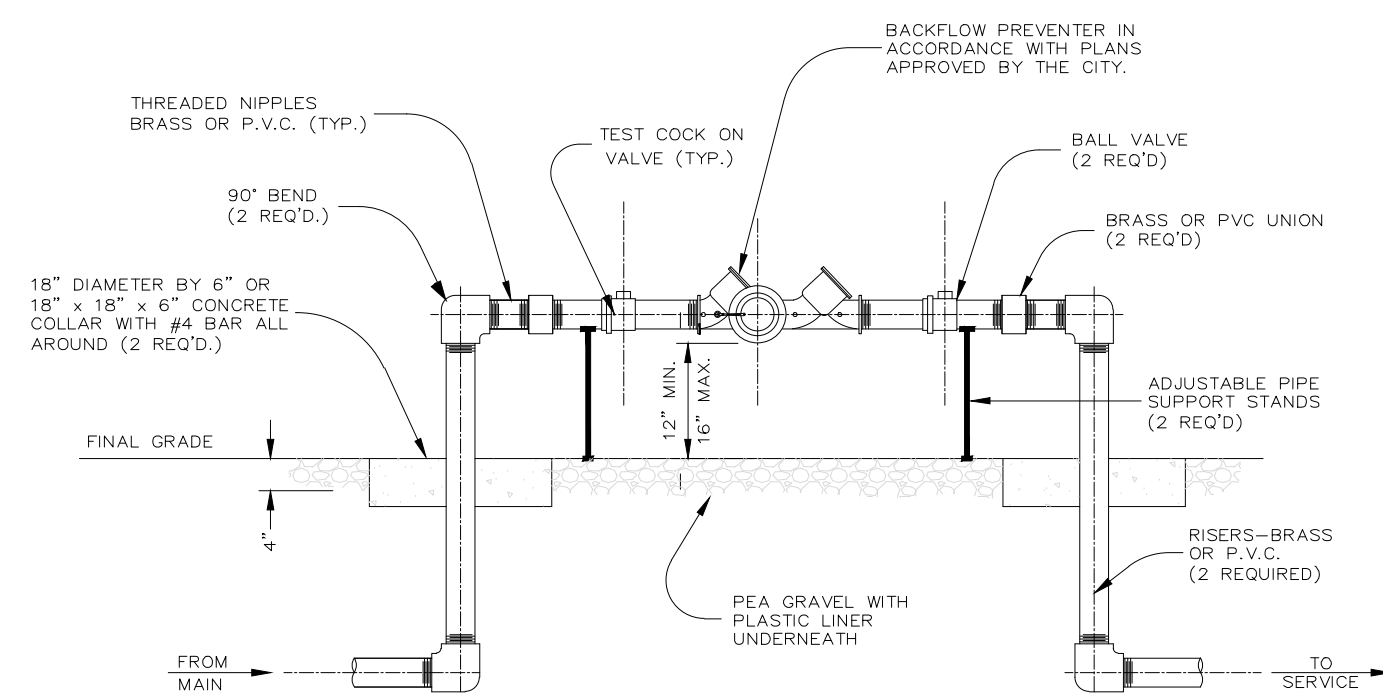
HANDICAP SIGN DETAIL
NOT TO SCALE



- NOTES:
- METER WILL BE PROVIDED AND INSTALLED BY THE CITY.
 - ALL ABOVE GROUND PIPE AND FITTINGS SHALL BE FLANGED DUCTILE IRON.
 - PROVIDE PROTECTION AGAINST FREEZING FOR ALL ABOVE GROUND PIPE.
 - ALL ITEMS ABOVE GRADE SHALL HAVE ONE COAT OF APPROVED EPOXY RED ENAMEL PAINT.
 - ALL ABOVE GROUND VALVES SHALL HAVE HANDWHEELS.
 - BACK FLOW DEVICE SHALL BE RPZ TYPE AS APPROVED BY CITY.



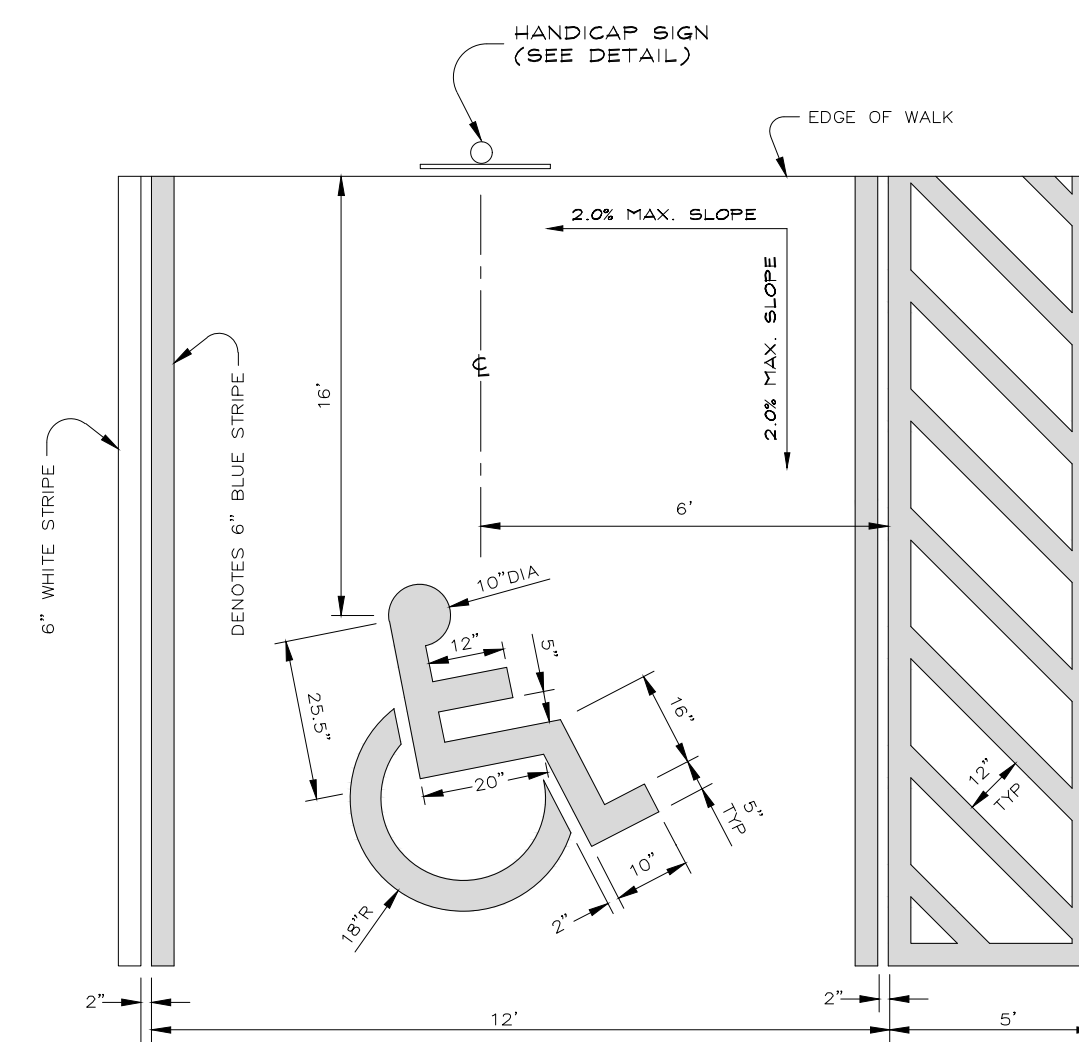
**FIRE LINE MASTER METER ASSEMBLY DETAIL
WITHOUT BYPASS**
NOT TO SCALE



NOTES:

- ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED SCHEDULE 40 PVC OR BRASS.
- PROVIDE PROTECTION AGAINST FREEZING.
- TWO PIPE SUPPORTS REQUIRED.
- ALL ITEMS ABOVE GRADE SHALL HAVE ONE COAT OF APPROVED RUST RESISTANT BLUE ENAMEL PAINT.

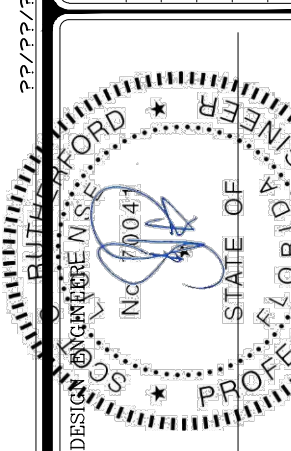
**REDUCED PRESSURE BACKFLOW PREVENTER
FOR 3/4, 1, 1-1/2, & 2"**
NOT TO SCALE



HANDICAP STRIPING DETAIL
NOT TO SCALE

**FOR PERMIT
PURPOSES ONLY
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	DESCRIPTION

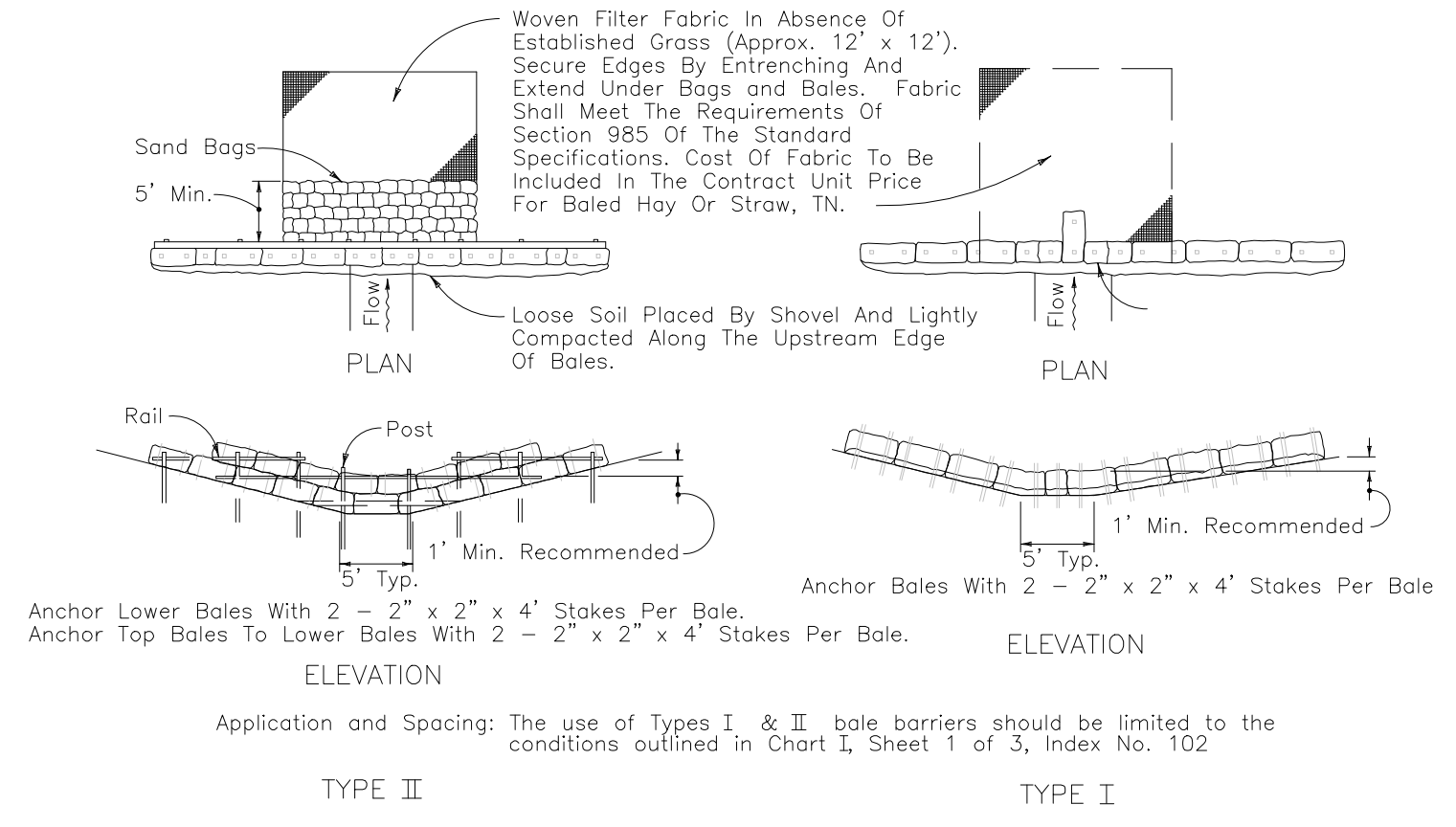


D & Associates
ENGINEERING - SURVEYING
3443 HWY 889, BLDG. PANAMA CITY, FLORIDA 32405
PHONE: (904) 262-8977 FAX: (904) 262-8422
FLORIDA LICENSE NO. 14773 - FLORIDA CO. NO. 28715

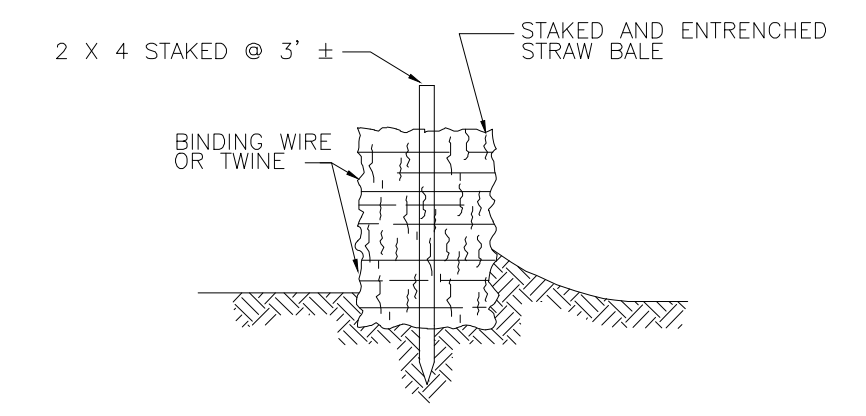
SITE DETAILS

PROJECT NAME: SPRINGFIELD BAPTIST CHURCH
SPRINGFIELD, FLORIDA
CLIENT NAME: SPRINGFIELD BAPTIST CHURCH

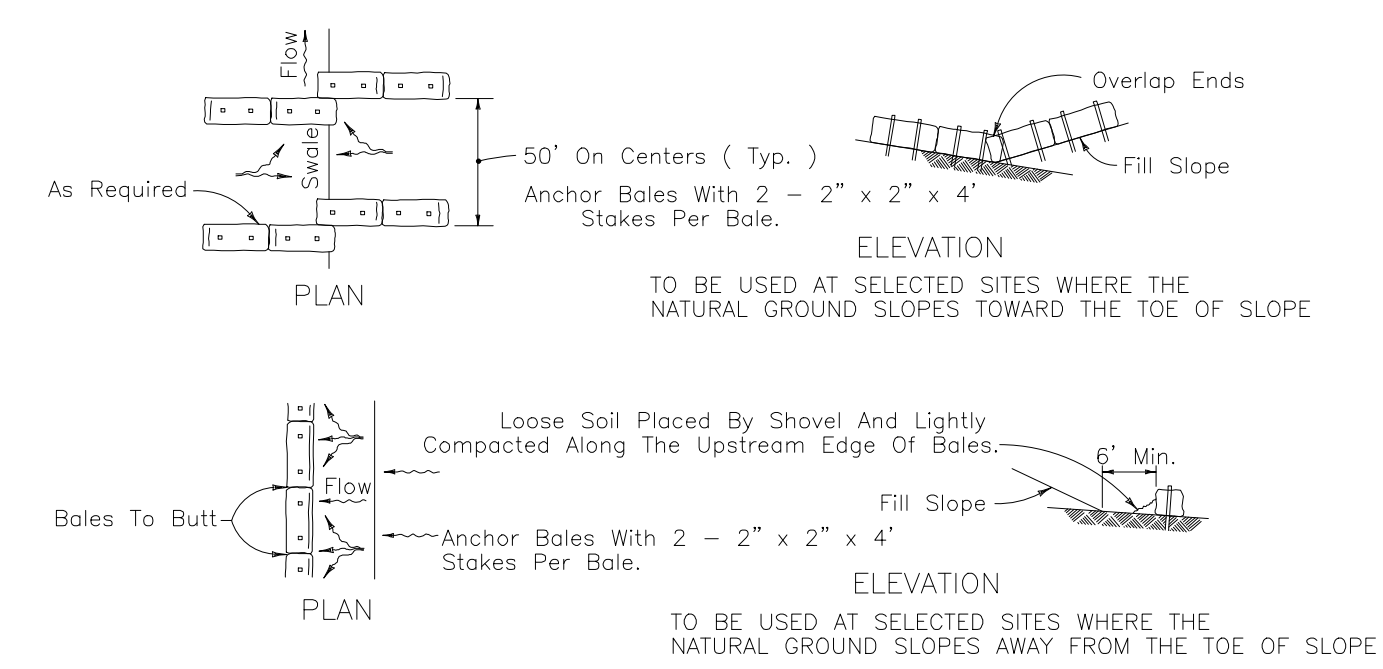
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VERT. SCALE: N/A
PROJECT No.: 1582B
FILE No.: R19011
ISSUE DATE: NOT ISSUED
SHEET: C.6



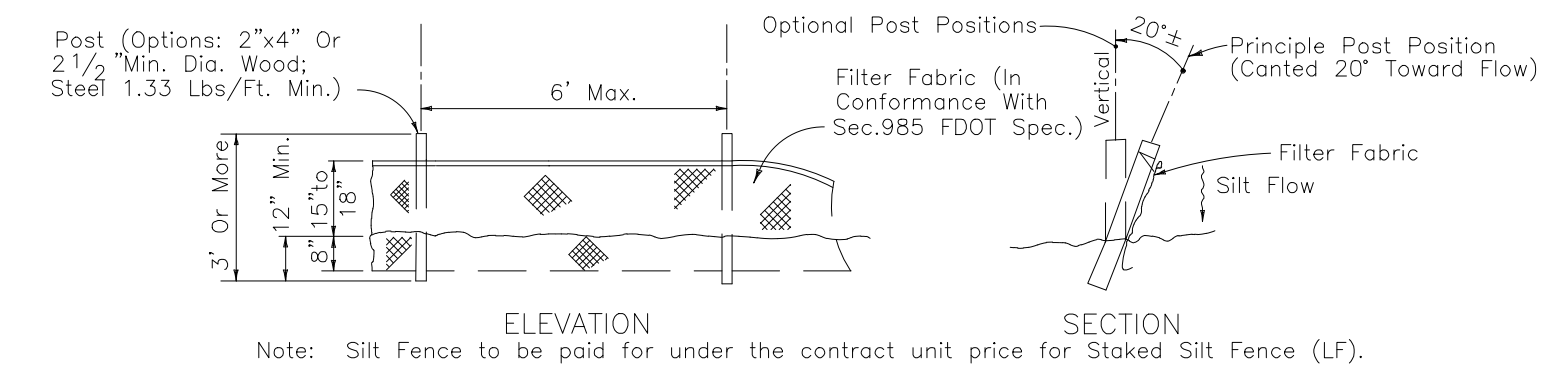
BARRIER FOR UNPAVED DITCHES
NOT TO SCALE



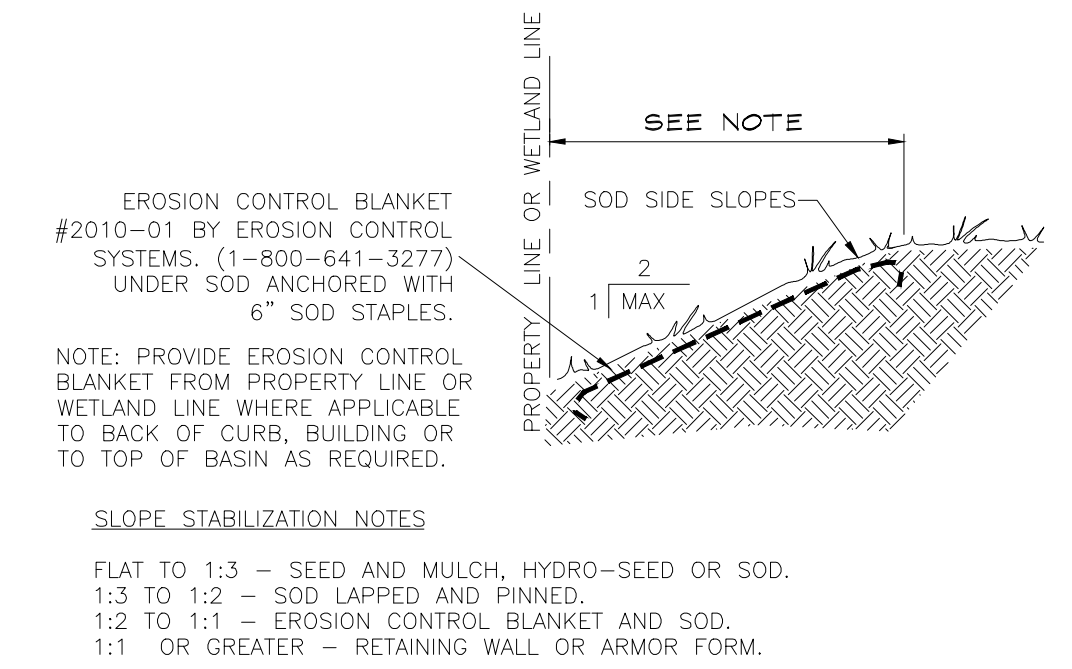
STRAW BALE BARRIER INSTALLATION DETAIL
NOT TO SCALE



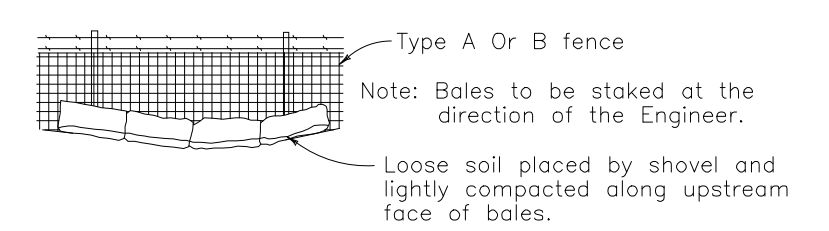
BARRIERS FOR FILL SLOPES
NOT TO SCALE



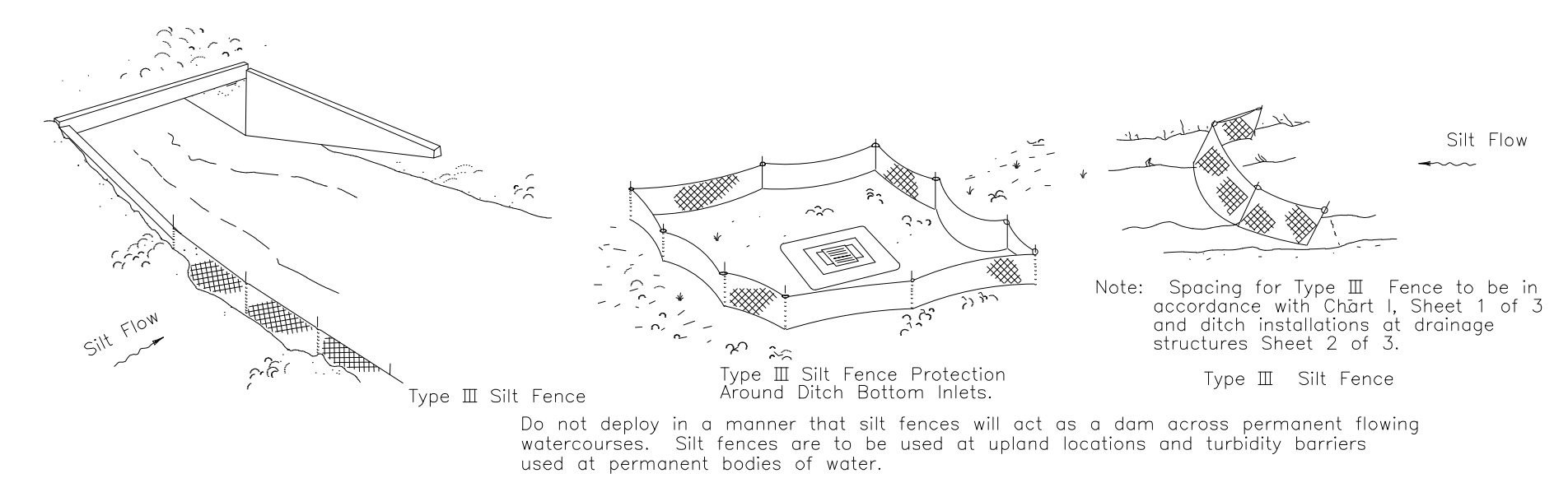
TYPE III SILT FENCE
NOT TO SCALE



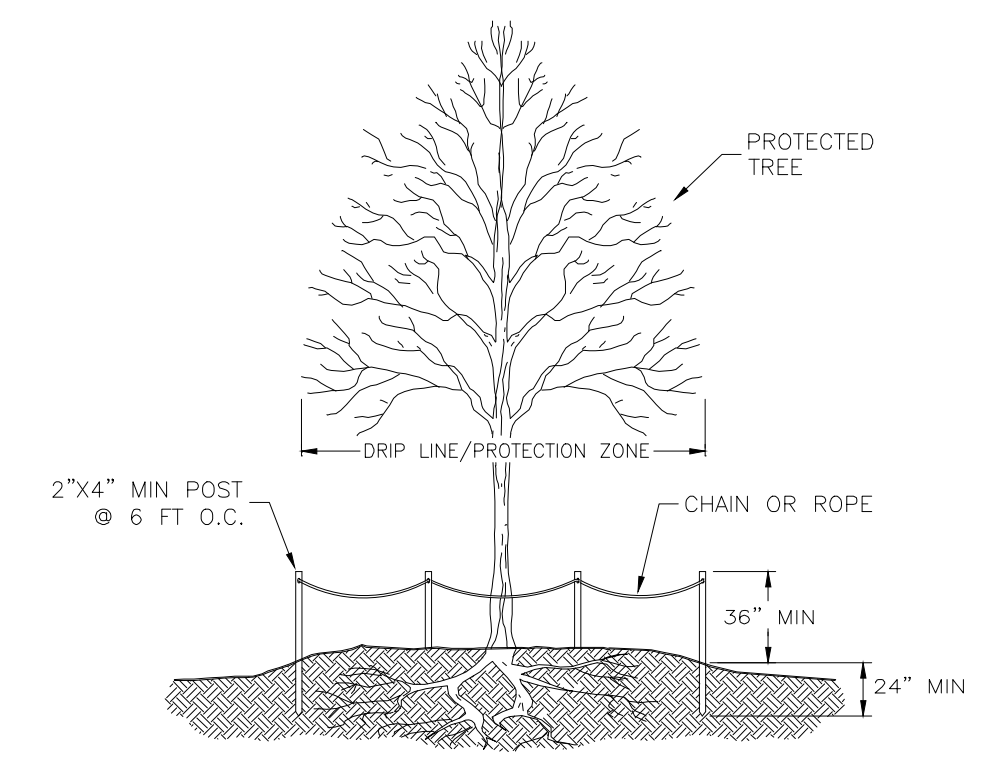
SLOPE STABILIZATION DETAIL
NOT TO SCALE



BALES BACKED BY FENCE
NOT TO SCALE



SILT FENCE APPLICATIONS
NOT TO SCALE



NOTE: 1. AN EFFORT IS TO BE MADE TO PROTECT ANY TREE LOCATED IN THE STORMWATER MANAGEMENT AREA WHICH IS PROTECTED BY CODE

2. ALL DEVELOPMENT ACTIVITIES, PARKING AND MATERIAL STORAGE IS PROHIBITED IN TREE PROTECTION ZONES.

TREE PROTECTION ZONE DETAIL
NOT TO SCALE

REVISIONS	DESCRIPTION	DATE

DESIGNED BY: [Signature]

PROJECT NAME: **SPRINGFIELD BAPTIST CHURCH**
SPRINGFIELD, FLORIDA

CLIENT NAME: **SPRINGFIELD BAPTIST CHURCH**

DATE: 9/22/2023

PROJECT NO: R19011

ISSUE DATE: NOT ISSUED

SHEET: C.7

SCALE: AS SHOWN

VERT. SCALE: 1/8" = 1'

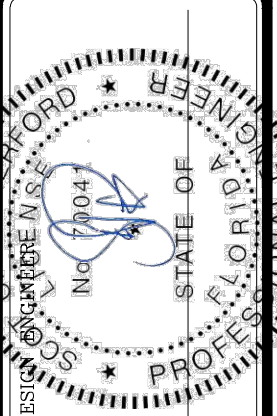
FILE NO: R19011

DATE: 9/22/2023

PROJECT NO: R19011

ISSUE DATE: NOT ISSUED

SHEET: C.7



Associates
ENGINEERING - SURVEYING

3445 HWY 989, BLDG. PANAMA CITY, FLORIDA 32405
PHONE: (904) 266-8700 FAX: (904) 266-8842
FLORIDA LICENSE NO. 14778 - SURVEYING - 10-28-15

EROSION CONTROL DETAILS

SPRINGFIELD BAPTIST CHURCH
SPRINGFIELD, FLORIDA

SPRINGFIELD BAPTIST CHURCH

PROJECT NAME: **SPRINGFIELD BAPTIST CHURCH**
SPRINGFIELD, FLORIDA

CLIENT NAME: **SPRINGFIELD BAPTIST CHURCH**

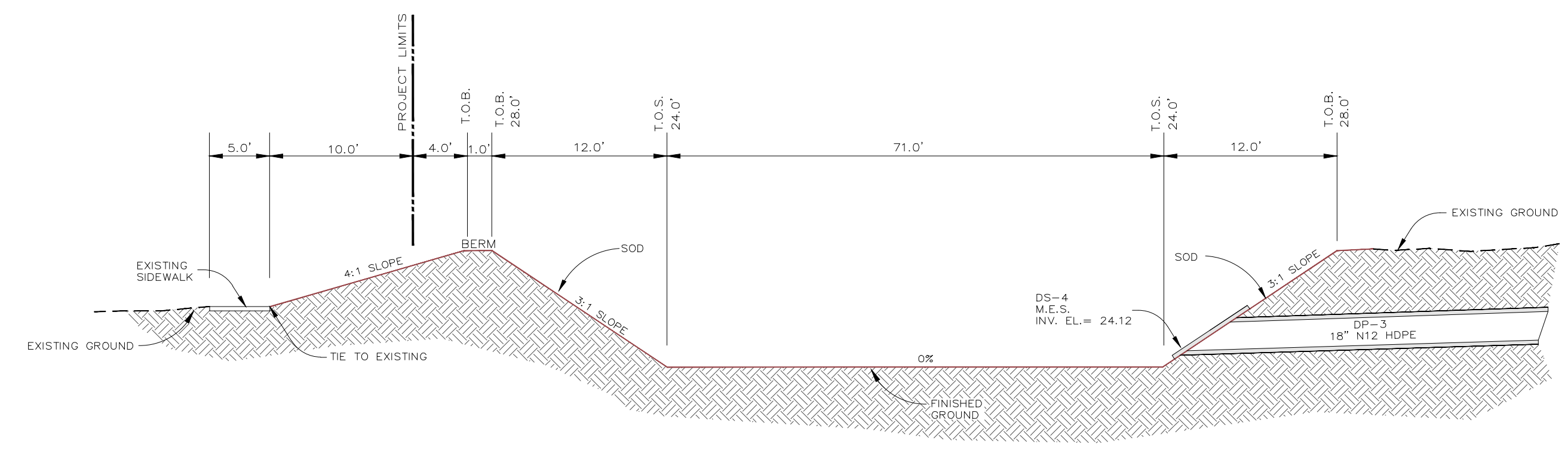
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PROJECT NO: R19011

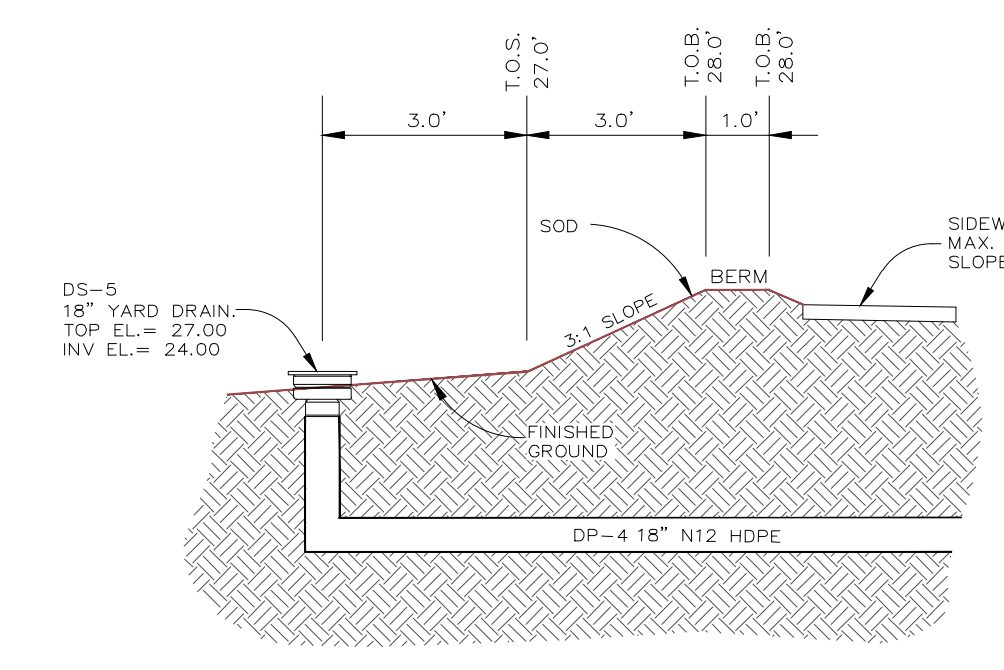
ISSUE DATE: NOT ISSUED

SHEET: C.7

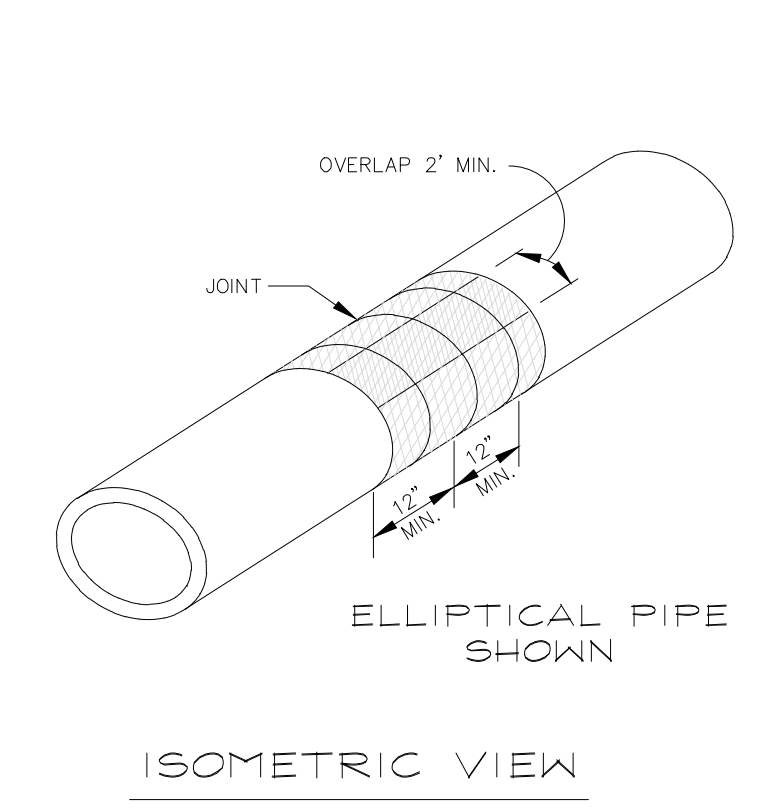
FOR PERMIT PURPOSES ONLY
NOT FOR CONSTRUCTION



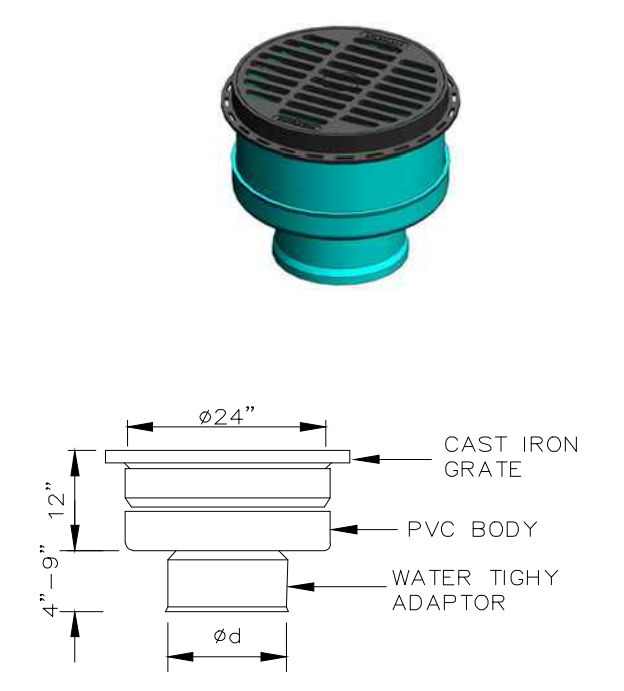
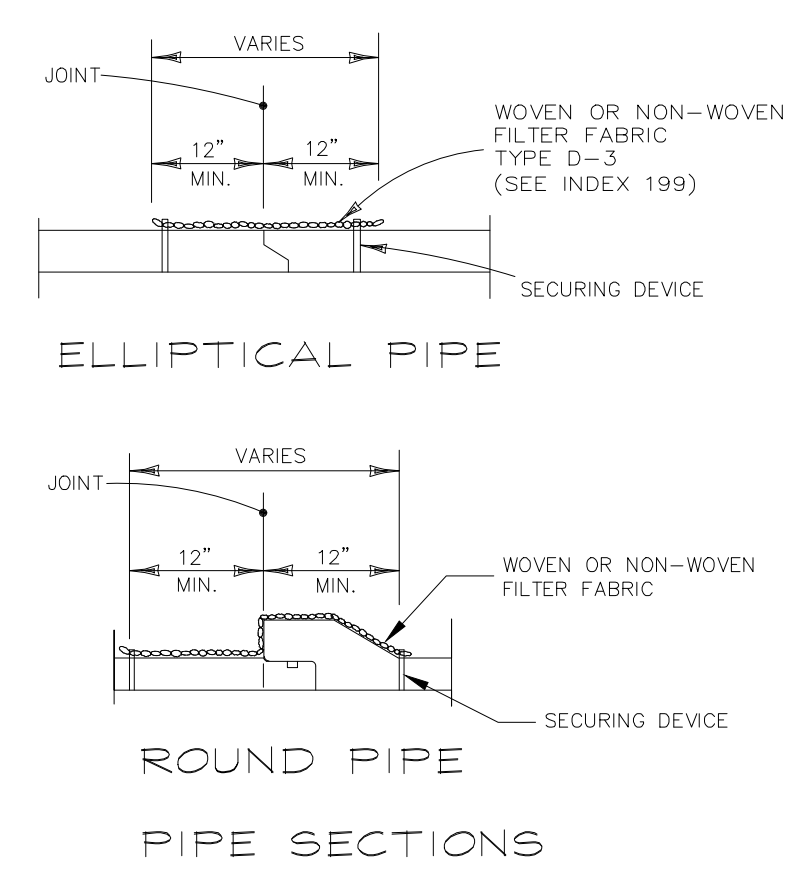
SMF SECTION A-A
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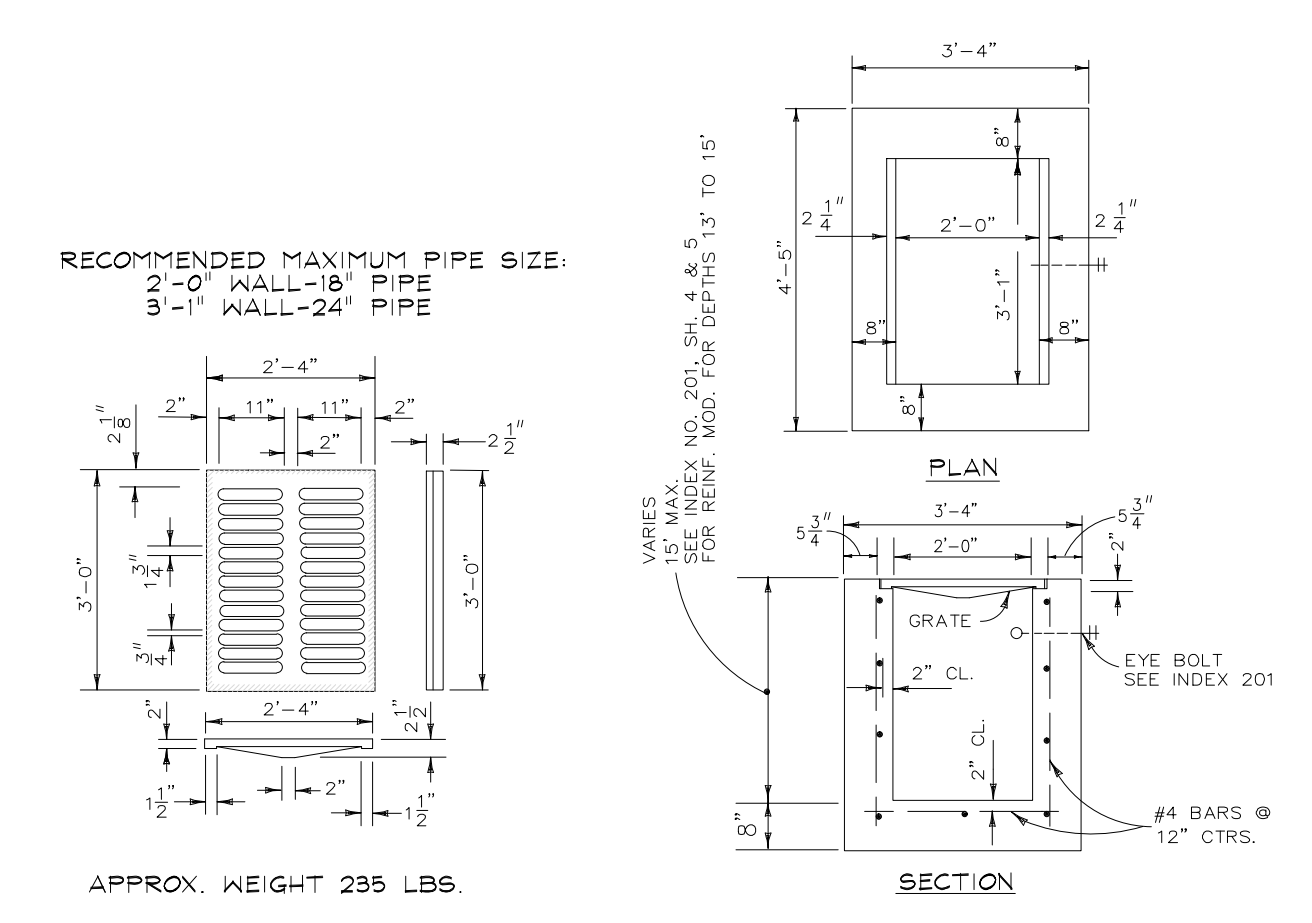
SMF OUTFALL SECTION B-B
NOT TO SCALE



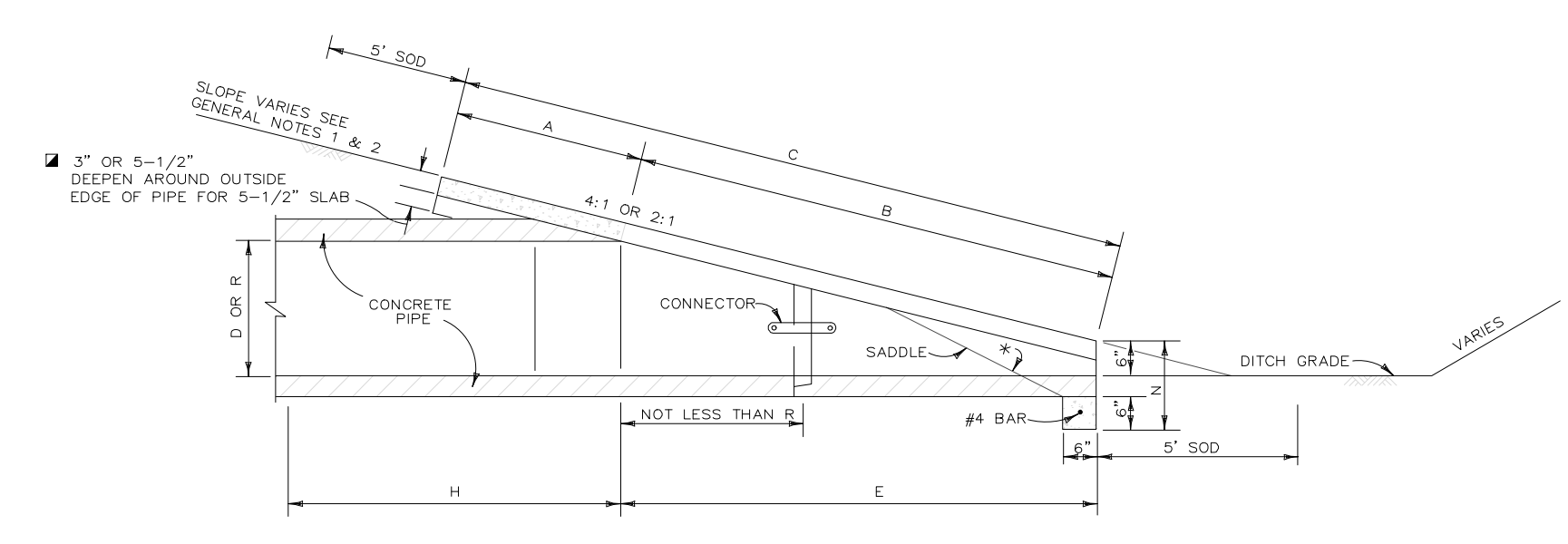
FILTER FABRIC JACKET
NOT TO SCALE



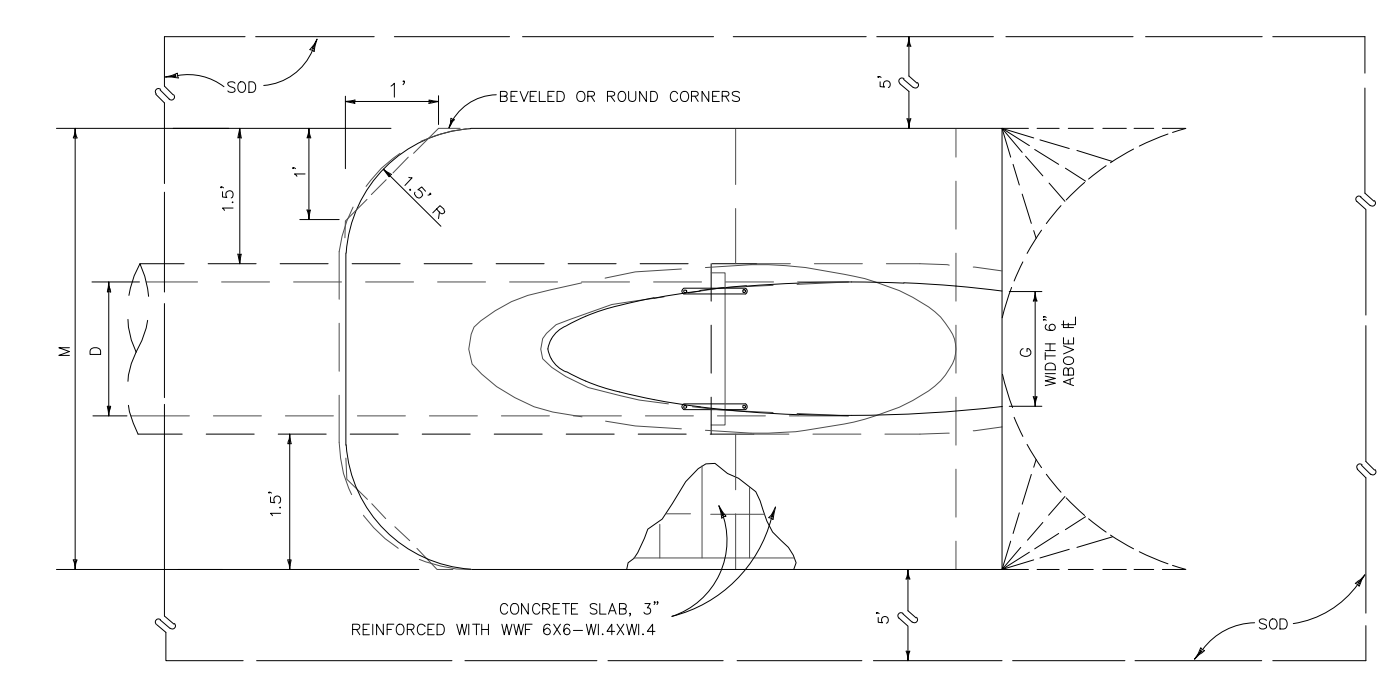
24" INLINE DRAIN
NOT TO SCALE



FDOT TYPE C INLET DETAIL
DITCH BOTTOM INLET FDOT No. 232
NOT TO SCALE



SECTION
ROUND
4:1 MITER: TO C PIPE FOR PIPES 18\"/>



TOP VIEW - ROUND PIPE

ROUND PIPE DIMENSIONS & QUANTITIES																						
	D	X	A	B	C	E	F	G	H	M				5-1/2" CONC. SLAB (CY)				SODDING (SQ. YDS.)				
										SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE	N	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE
2:1 SLOPE	15"	2'-7"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	3.4'	4.63'	7.21'	9.79'	12.37'	11.9'	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-10"	1.97'	2.24'	4.21'	2.06'	6'	1.40'	3.4'	4.92'	7.75'	10.58'	13.42'	12.0'	0.44	0.65	0.87	1.09	22	25	28	31
4:1 SLOPE	15"	3'-5"	2.06'	3.80'	5.91'	3.56'	7'	1.73'	3.4'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35
	18"	3'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.0'	4.63'	7.21'	9.79'	12.37'	1.19'	0.57	0.87	1.15	1.44	23	26	29	32
4:1 SLOPE	18"	3'-10"	2.36'	5.17'	7.48'	5.03'	9'	1.41'	4.0'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35
	24"	3'-5"	2.53'	7.18' Δ	9.71'	7.03' Δ	11'	1.73'	4.0'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40

MITERED END SECTION
NOT TO SCALE

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 9/22/2023

DESIGNER: [Signature]

PROJECT: STORMWATER FACILITY DETAILS

CLIENT: SPRINGFIELD BAPTIST CHURCH, SPRINGFIELD, FLORIDA

ENGINEER: AS & Associates ENGINEERING - SURVEYING

3445 HWY 389, BLDG. PANAMA CITY, FLORIDA 32405
 904-266-1111
 FLORIDA LICENSE NO. 18779 - SURVEYING, CA. NO. 28715

ISSUE DATE: NOT ISSUED

SHEET: C.8

9/22/2023 SPRINGFIELD BAPTIST CHURCH JOB No. 15828

SITE DESCRIPTION

PROJECT NAME AND LOCATION:
AGENT NAME AND ADDRESS:
DESCRIPTION: BUILDING, PARKING & PONDS
SOIL DISTURBING ACTIVITIES WILL INCLUDE:
CLEARING AND GRUBBING, EARTHWORK, GRADING, STORM SEWER AND UTILITIES.
RUNOFF CURVE NUMBERS:
SOILS:
SITE MAPS:
SITE AREA:
NAME OF RECEIVING WATERS:

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORMWATER RUNOFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THAT PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORM WATER MANAGEMENT
STORMWATER DRAINAGE WILL BE PROVIDED BY: ONSITE COLLECTION & ATTENUATION

ONSITE IMPROVEMENTS
SEE SITE, GRADING & DRAINAGE AND UTILITY PLANS.

TIMING OF CONTROLS/MEASURES
REFER TO "CONTRACTOR'S RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS
NFWMD ENVIRONMENTAL RECOURSE PERMIT

POLLUTION PREVENTION PLAN CERTIFICATION
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: SCOT C. RUTHERFORD, PE
DATED: _____

GENERAL
THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS, DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2. INSTALL SILT FENCES AND HAY BALES, AS REQUIRED.
3. CONSTRUCT SEDIMENTATION BASIN.
4. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN AT PERMANENT POND LOCATION.
5. CONTINUE CLEARING AND GRUBBING.
6. STOCKPILE TOP SOIL IF REQUIRED.
7. PERFORM PRELIMINARY GRADING ONSITE, AS REQUIRED.
8. STABILIZE DENUDE AREA AND STOCKPILES AS SOON AS PRACTICABLE.
9. INSTALL UTILITIES, STORM SEWER, CURBS AND GUTTER.
10. APPLY BASE TO PROJECT.
11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING.

TIMING OF CONTROLS/MEASURES
AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION AND TURBIDITY CONTROL PLAN.

ENDANGERED SPECIES AND CRITICAL HABITAT

1. ARE THERE ENDANGERED SPECIES ON SITE?
2. ARE THERE CRITICAL HABITAT ON SITE?
IF YES TO EITHER QUESTION, PLEASE EXPLAIN:

CONTROLS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES

1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 3:1.
B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 AC.
C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SLEAVES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO ENSURE AGAINST WASHOUT.

REFER TO EROSION CONTROL DETAILS FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO THE EROSION CONTROL PLAN FOR PROPER LOCATION.

2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 3:1.
B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 AC.
C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SLEAVES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO ENSURE AGAINST WASHOUT.

REFER TO EROSION CONTROL DETAILS FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.

3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE WOOD RESIDUE MATERIAL IS AVAILABLE ON SITE.

4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.

5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHOULD BE STOCKPILED IN A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.

6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE MINIMIZED.

7. INLET PROTECTION: INLETS AND CATCH-BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.

8. DUST CONTROL: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE STABILIZED.

9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.

10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX AND AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.

11. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM 75 PERCENT COVER, THE CONTRACTOR SHALL RESEED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.

12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.

STRUCTURAL PRACTICES

1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.

2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.

THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:
A. BLOCK AND GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCORPORATION OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.
C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (<0.50%) AND WHERE SHEET OR OVERLAND FLOWS (<0.500FPS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.

3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION AND SEDIMENT PROBLEMS TO THE RECEIVING WATER BODY. SILT FENCES AND HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.

4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS. THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 67 CUBIC YARDS OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE. THE VOLUME OF THE BASIN AT CLEAN OUT SHALL BE 22 CUBIC YARDS PER ACRE.

THE 67 CUBIC YARDS OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

OTHER CONTROLS

WASTE DISPOSAL
WASTE MATERIALS
ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE
ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE
ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE TOILETS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING
A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH THE TARPULIN.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

<input checked="" type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Fertilizers	<input checked="" type="checkbox"/> Wood
<input checked="" type="checkbox"/> Asphalt	<input checked="" type="checkbox"/> Petroleum Based Products	<input checked="" type="checkbox"/> Masonry Blocks
<input checked="" type="checkbox"/> Detergents	<input checked="" type="checkbox"/> Cleaning Solvents	<input checked="" type="checkbox"/> Roofing Materials
<input type="checkbox"/>	<input type="checkbox"/> Points	<input checked="" type="checkbox"/> Metal Studs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISKS OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.
GOOD HOUSEKEEPING
THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT:
• AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
• ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
• PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
• SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
• WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
• MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
• THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS
THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
• PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
• ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
• IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS
ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS
FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

POINTS
ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PANT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS
CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES
IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.
THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL REVIEW SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

MAINTENANCE/INSPECTION PROCEDURES
EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES
THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.
• NO MORE THAN 10 AC OF THE SITE WILL BE DENIED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
• ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATION OF SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING THE SCHEDULED INSPECTION OF 0.5 INCHES OR GREATER.
• ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
• BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
• SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
• THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES TO PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.
• DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
• TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASH-OUTS, AND HEALTHY GROWTH.
• A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.
• THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILING OUT THE INSPECTION AND MAINTENANCE REPORT.
• PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES
IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
• WATER FROM WATER LINE FLESHING.
• PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).
• UNCONTAMINATED GROUNDWATER (FROM Dewatering EXCAVATION).
ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

CONTRACTOR'S CERTIFICATION
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

DATED: _____

BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	SIGNATURE	RESPONSIBLE FOR/DUTIES
		GENERAL CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR

NOTE TO CONTRACTOR:
THIS IS THE CONTRACTOR'S CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). STORMWATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 1 AC. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.5 INCHES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR.

PROJECT: _____

INSPECTOR: _____ DATE: _____

INSPECTOR'S QUALIFICATIONS: _____

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL _____ INCHES

INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED ? (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED: _____ ON OR BEFORE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE OF BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

OTHER CONTROLS STABILIZED: _____

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

DATED: _____

BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	SIGNATURE	RESPONSIBLE FOR/DUTIES
		SUB-CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR

PROJECT: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
STRUCTURAL CONTROLS

DATE: _____

DIKE OR SWALE	FROM	TO	IS DIKE/SWALE STABILIZED ?

MAINTENANCE REQUIRED FOR EARTH DIKE/SWALES: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

STRUCTURE/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE	ANY EVIDENCE OF CLOGGING/WASH-OUT OR BYPASSING ?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING

MAINTENANCE REQUIRED FOR CATCH BASIN/CURB INLETS/OUTFALLS TURBIDITY CONTROLS: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN: _____

REASONS FOR CHANGES: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____

DATE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

DATE: _____

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 9/22/2023

PROJECT NAME: _____

PROJECT NUMBER: _____

CLIENT NAME: _____

ISSUE DATE: NOT ISSUED

SHEET: C.9

DATE: 9/22/2023

PROJECT: STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
STRUCTURAL CONTROLS

DATE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN: _____

REASONS FOR CHANGES: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____

DATE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

DATE: _____

PROJECT NAME: _____

PROJECT NUMBER: _____

CLIENT NAME: _____

ISSUE DATE: NOT ISSUED

SHEET: C.9

DATE: 9/22/2023

PROJECT: STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
STRUCTURAL CONTROLS

DATE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN: _____

REASONS FOR CHANGES: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____

DATE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PROJECT: _____

DATE: _____

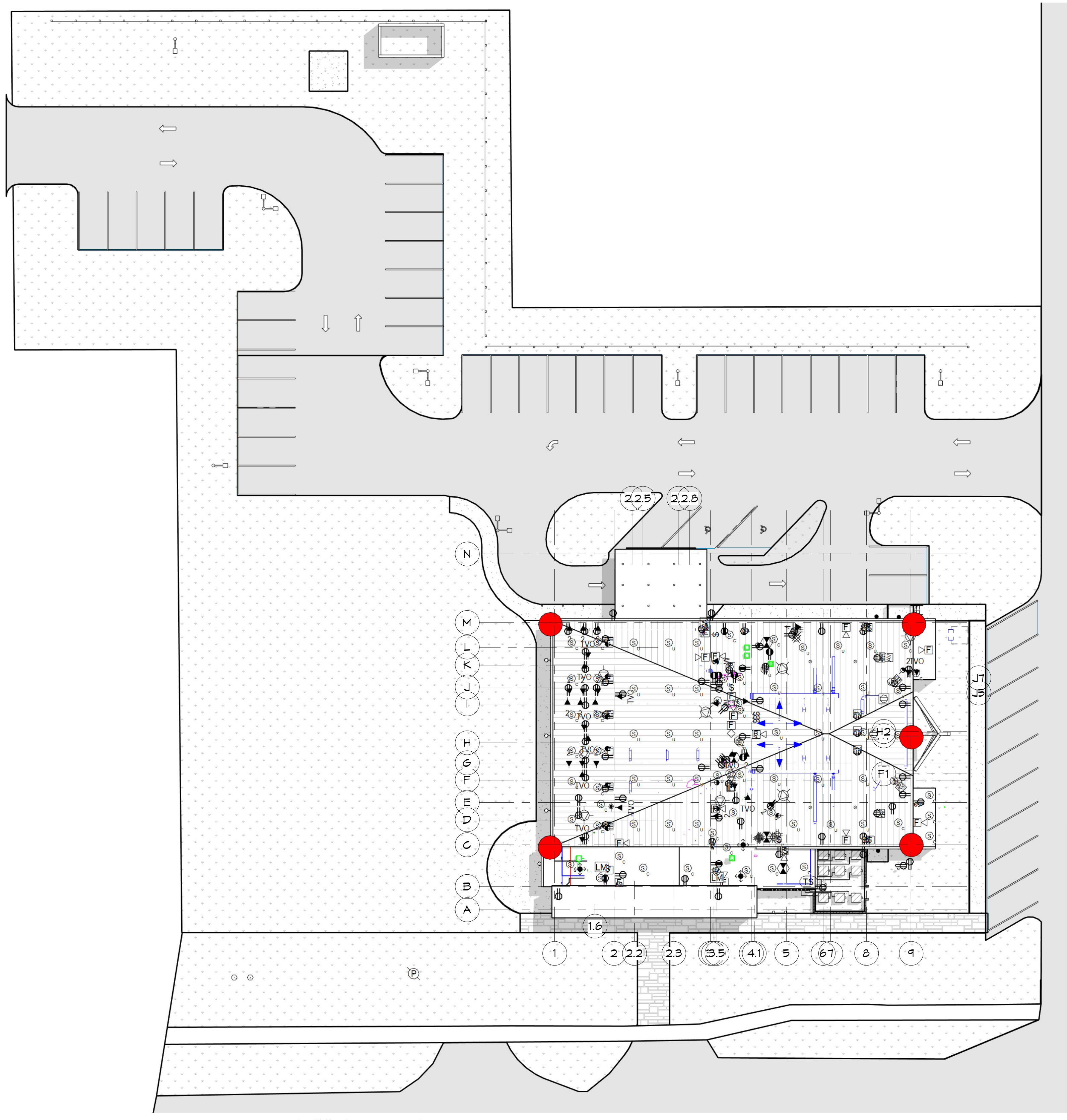
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SPRINGFIELD BAPTIST CHURCH
SPRINGFIELD, FLORIDA

SPRINGFIELD BAPTIST CHURCH

1002 SCALE AS SHOWN
VERT. SCALE N/A
PROJECT No. 1582B
FILE No. R19011
ISSUE DATE NOT ISSUED
SHEET: C.9

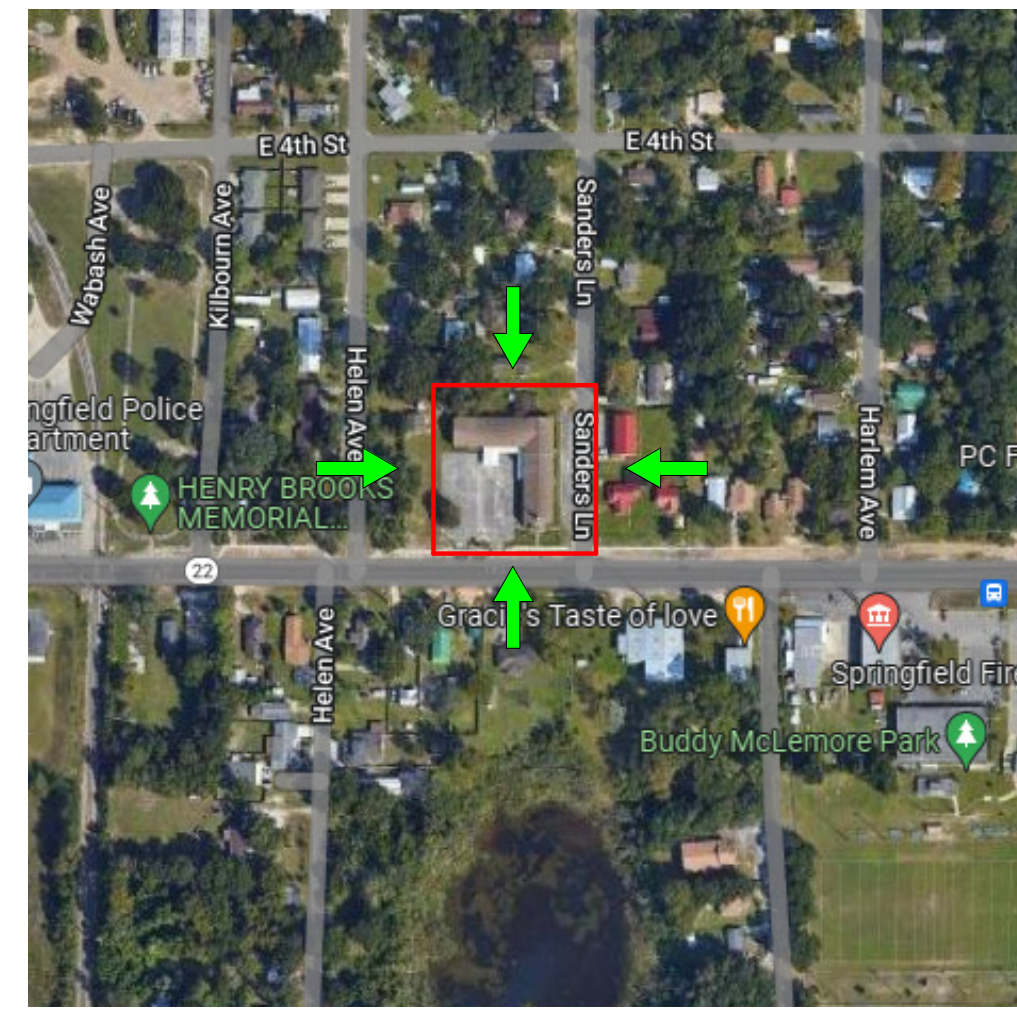
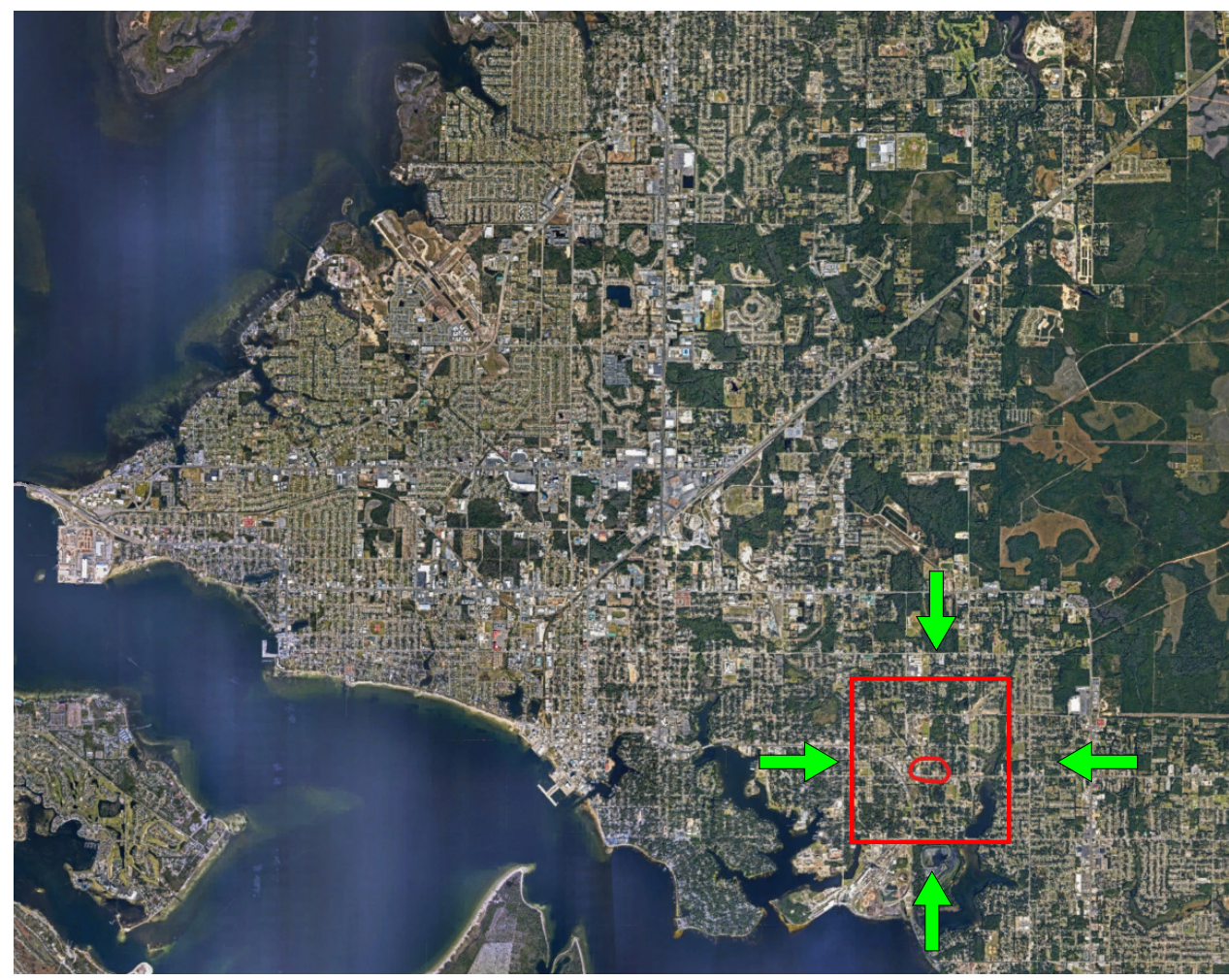
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1 SITE BORINGS 1" = 20'-0"

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PROJECT VICINITY:



SPRINGFIELD BAPTIST CHURCH PANAMA CITY, FLORIDA FLA PROJECT NO. 4323

3615 E 3RD STREET,
PANAMA CITY, FL 32401

BID SET CONSTRUCTION DOCUMENTS

OCTOBER 10, 2024



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:



DEWBERRY ENGINEERING, INC.
203 ABERDEEN PKWY,
PANAMA CITY, FL 32405
(850) 522-0644



SCR & ASSOCIATES NWFL
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206 FL-79,
PANAMA CITY BEACH, FL 32413

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SEAL:

CONSTRUCTION DOCUMENTS

SCALE: 6" = 1'-0"
DATE: 10/10/2024
DRAWN BY: JB, CO, KJ
CHECKED BY: AA, JS, HLG

NO. REVISION: DATE:

SHEET TITLE:
COVER

PROJECT NO: 4323
SHEET NO: A0.00

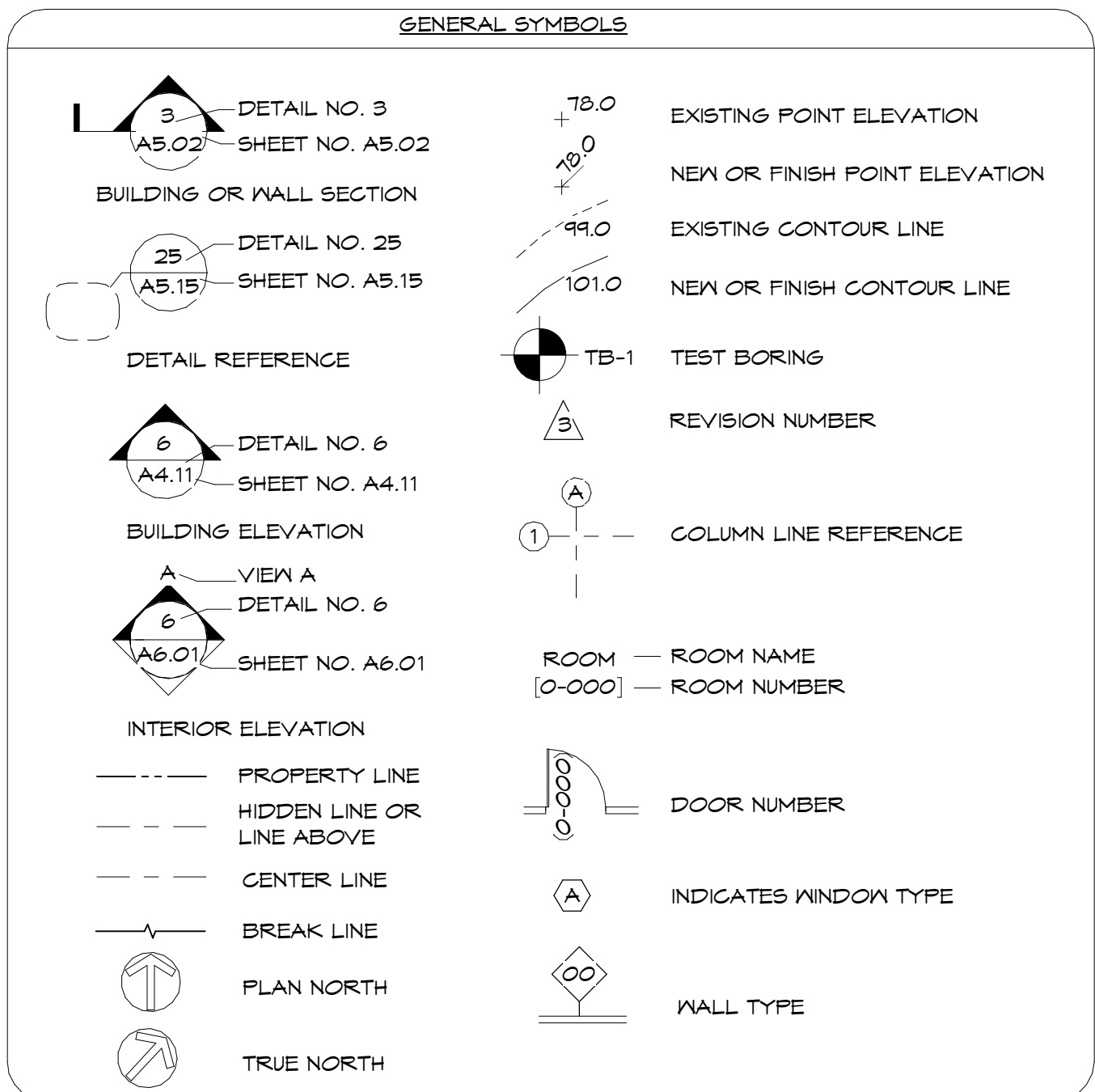
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PROJECT SUMMARY:

PARCEL ID:	1412-000-000
PROPERTY USE CODE:	CHURCHES
TYPE OF CONSTRUCTION:	TYPE IIB, SPRINKLERED
OCCUPANCY TYPE:	A - 3 PLACE OF RELIGIOUS WORSHIP
FIRE PROTECTION SYSTEM:	FIRE ALARM/SPRINKLER SYSTEM
NUMBER OF STORIES:	ONE STORY BUILDING
BUILDING SQUARE FOOTAGE:	9,264

- DESIGN CODES**
- FLORIDA BUILDING CODE 8TH EDITION (2023) - BUILDING
 - FLORIDA BUILDING CODE 8TH EDITION (2023) - ACCESSIBILITY
 - FLORIDA BUILDING CODE 8TH EDITION (2023) - TEST PROTOCOLS
 - FLORIDA BUILDING CODE 8TH EDITION (2023) - MECHANICAL
 - FLORIDA BUILDING CODE 8TH EDITION (2023) - PLUMBING
 - FLORIDA BUILDING CODE 8TH EDITION (2023) - FUEL GAS
 - FLORIDA FIRE PREVENTION CODE, 8TH EDITION (2023)
 - NFPA 101- LIFE SAFETY CODE (2023 EDITION)

TO THE BEST OF OUR KNOWLEDGE, THESE CONSTRUCTION DOCUMENTS ARE IN COMPLIANCE WITH CRITERIA SET FORTH IN THE 2023 FLORIDA BUILDING CODE.



- GENERAL NOTES**
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS INDICATED WITHIN THESE DOCUMENTS AND SHALL NOTIFY THE DESIGN TEAM OF ANY VARIATION PRIOR TO THE PURCHASING OF MATERIALS, STARTING FABRICATION OR BEGINNING CONSTRUCTION.
 - TYPICAL MEANS THE REFERENCED DETAIL SHALL APPLY FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
 - ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS, AND THE BEST TRADE PRACTICES.
 - THE CONTRACTOR IS TO SECURE AND PAY FOR ALL NECESSARY FEES AND PERMITS FOR CONSTRUCTION, ELECTRICAL AND PLUMBING INSPECTIONS, ETC. ALL DIMENSIONS ARE GIVEN TO ROUGH FRAMING AND MASONRY UNLESS NOTED.
 - EXTERIOR WALLS ARE EXISTING TYPICAL. INTERIOR WALL FRAMING IS TO BE 2X6 SYP, TYPICAL.
 - KEYING AT ALL NEW AND EXISTING INTERIOR DOORS TO BE COORDINATED BY CONTRACTOR WITH OWNER.
 - THE GENERAL CONTRACTOR SHALL AT ALL TIMES MAINTAIN ON THE JOB SITE - A COMPLETE SET OF CONSTRUCTION DOCUMENTS, ADDENDA, SUPPLEMENTAL INSTRUCTIONS, SUPPLEMENTAL DRAWINGS, MEETING NOTES, ETC.

PROJECT SUMMARY NOTES

A. THE WORK OF THIS CONTRACT INVOLVES CONSTRUCTION OF A FULLY UTILIZED AND OPERATIONAL ~9,000SF RELIGIOUS SERVICES CENTER. THE WORK OF THE PROJECT IS DEFINED BY THE CONTRACT DOCUMENTS AND IS GENERALLY DESCRIBED BY THE FOLLOWING:

1. NEW ~9,200 SF PRE-ENG. METAL BUILDING W/ INSULATED METAL WALL & ROOF PANELS, & RELATED MEP WORK AS IDENTIFIED IN CONSTRUCTION DOCUMENTS; NEW SITE UTILITIES, STORM DRAINAGE SYSTEM(S) AS IDENTIFIED BY CIVIL DRAWINGS(S) AND NEW HARDSCAPING & LANDSCAPING.

PARCEL NO.	23505-000-000
LAND USE/ZONING:	SPRINGFIELD/00T100
FLOOD ZONE:	X
ACREAGE:	1.441
EXPOSURE:	C
BUILDING HEIGHT:	24 FT
BASE FLOOD ELEVATION:	-
FIRST FLOOR ELEVATION:	21.05'
H/C SF:	9000+ SEE OCCUPANCY DATA

CIVIL DRAWINGS UNDER SEPARATE COVER

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SHEET	NAME
C.0	CIVIL COVER
C.1	NOTES
C.2	EXISTING CONDITIONS DEMOLITION & EROSION CONTROL PLAN
C.3	SITE PLAN & UTILITY PLAN
C.4	COORDINATE GEOMETRY & DIMENSION PLAN
C.5	GRADING & DRAINAGE PLAN
C.6	SITE DETAILS
C.7	EROSION CONTROL DETAILS
C.8	STORMWATER FACILITY DETAILS
C.9	NIPED

INDEX - GEO	
SHEET	NAME
GEO-1	SITE BORINGS

INDEX - ARCHITECTURAL	
SHEET	NAME
A0.00	COVER
A0.01	LIFE SAFETY PLAN
A0.02	SITE PLAN
A1.01	FLOOR PLAN
A1.02	DIMENSION PLAN
A1.02.1	ENLGD. DIM. PLANS
A1.03	REF. CEILING PLAN
A1.04	ROOF PLAN
A2.00	EXTERIOR ELEVATIONS
A2.01	EXTERIOR ELEVATIONS
A3.01	BUILDING SECTIONS
A3.02	BUILDING SECTIONS
A3.04	WALL SECTIONS
A3.05	DETAILS
A4.02	INTERIOR WALL TYPES/DETAILS
A4.03	WINDOW DETAILS & SCHEDULE
A5.01	INTERIOR BUILDING ELEVATIONS
A5.02	ENLARGED KITCHEN & EQUIP. PLATFORM PLANS
A5.03	ENLARGED CHANGING ROOM & BAPTISTERY PLAN
A5.04	ENLARGED RESTROOM PLANS
A5.05	ENLARGED RESTROOM PLANS
A5.06	CASEWORK DETAILS
A6.01	DOOR & ROOM FINISH SCHEDULE
A6.02	DOOR DETAILS
A9.01	SIGNAGE - DOOR SIGN TYPES
A10.01	FIRST FLOOR FLOOR PATTERN

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L2.00	IRRIGATION PLAN

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S0.01	STRUCTURAL NOTES & DETAILS/DESIGN PRESSURE NOTES
S1.01	FOUNDATION PLAN
S1.04	ROOF FRAMING PLAN
S1.10	FRAMING PLANS - ENLARGED
S1.11	FRAMING DETAILS
S2.01	FOUNDATION DETAILS
S2.02	3D FRAMING VIEWS

ELECTRICAL	
SHEET	NAME
E0.01	ELECTRICAL - LEGEND
E0.02	ELECTRICAL DETAILS
E0.03	ELECTRICAL - PANEL SCHEDULE AND RISER DIAGRAM
E0.04	ELECTRICAL - LUMINARE SCHEDULE AND COMCHECK
E1.01	ELECTRICAL - SITE PLAN
E2.01	LIGHTING - FLOOR PLANS
E3.01	POWER - FLOOR PLANS
E4.01	FIRE ALARM - FLOOR PLANS

MECHANICAL	
SHEET	NAME
M1.01	HVAC - FLOOR PLANS
M1.02	MECHANICAL - ROOF PLAN
M2.01	PIPING - FLOOR PLANS
M3.01	MECHANICAL - SCHEDULES
M3.02	MECHANICAL - CONTROLS

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FP0.01	FIRE PROTECTION - SCHEDULES, NOTES, & DETAILS
FP1.01	FIRE PROTECTION - FLOOR PLANS
P0.01	PLUMBING - SCHEDULES, NOTES, & DETAILS
P1.01	NON-PRESSURE - FLOOR PLANS
P2.01	PRESSURE - FLOOR PLANS

TELECOMM	
SHEET	NAME
T0.00	TELECOMM LEGENDS
T0.01	TELECOMM DETAILS
T0.02	TELECOMM DETAILS
T0.03	TELECOMM DETAILS
T0.04	TELECOMM DETAILS
T1.00	TELECOMM - SITE PLAN
T1.01	TELECOMM - FLOOR PLAN

PLUMBING FIXTURE SCHEDULE		CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	OTHER
FIXTURES REQUIRED BY CODE	MALE				FEMALE	MALE	FEMALE			
ASSEMBLY GROUP A-3	A-3	421 OCCUP.	1 PER 150 REQUIRED = 3	1 PER 75 REQUIRED = 3	1 PER 200 REQUIRED = 2	1 PER 800 REQUIRED = 1	1 SERVICE SINK			
NUMBER OF FIXTURES PROVIDED		TOTAL = 421 OCCUP.	TOTAL REQUIRED = 2 MEN / 3 WOMEN TOTAL PROVIDED = 3 MEN / 3 WOMEN	TOTAL REQUIRED = 3 TOTAL PROVIDED = 3	TOTAL REQUIRED = 1 TOTAL PROVIDED = 1	1 SERVICE SINKS PROVIDED				

PRIMARY EGRESS TRAVEL FIRST FLOOR	
ROUTE	TRAVEL DISTANCE
1P	148' - 4"
2P	178' - 1 1/8"
3P	81' - 11 1/8"
4P	145' - 6 1/8"
5P	178' - 8 1/8"
6P	113' - 10 1/4"
7P	140' - 0 1/4"
8P	50' - 10 5/8"
9P	50' - 3"
10P	85' - 10 3/8"
11P	80' - 5 1/8"

SECONDARY EGRESS TRAVEL FIRST FLOOR	
ROUTE	TRAVEL DISTANCE
1S	9' - 1 1/2"
3S	11' - 4 5/8"

BUILDING CLASSIFICATIONS:	
1. TYPE OF CONSTRUCTION:	TYPE III-B - UNPROTECTED - SPRINKLERED
2. TYPE OF OCCUPANCY:	ASSEMBLY GROUP A-3
3. FIRE PROTECTION SYSTEM:	FULL COVERAGE SPRINKLER SYSTEM
4. NUMBER OF STORIES:	ONE STORY BUILDING
5. BUILDING HEIGHT:	31'-10"

1ST FLOOR OCCUPANCY LOAD SCHEDULE					
#	NAME	AREA NET	PROPOSED OCCUPANCY	SGF/OCC	# OF OCCUPANTS
1-01	SANCTUARY	1,029.43 SF	NONE	0	0
1-01A	SANCTUARY SEATING	1,133.24 SF	A-3	7	164
1-02	BOUND	34.21 SF	BUSINESS	150	1
1-03	I.T.	42.32 SF	NONE	0	0
1-05	ELECT.	5.71 SF	NONE	0	0
1-06	STAGE	546.43 SF	A-3	15	37
1-06A	BAPTISTRY	44.09 SF	A-3	0	0
1-07	JAN.	21.05 SF	NONE	0	0
1-25	STORAGE ROOM	229.01 SF	NONE	0	0
1-26	CHOR	226.65 SF	A-3	15	16
1-27	NURSERY	181.94 SF	A-3	15	13
1-28	TLT.	22.16 SF	NONE	0	0
1-29	NURSERY	183.06 SF	A-3	15	13
1-30	CLASSRM.	190.48 SF	A-3	15	13
1-31	CLASSRM.	190.48 SF	A-3	15	13
1-32	CLASSRM.	190.48 SF	A-3	15	13
1-33	CLASSRM.	194.61 SF	A-3	15	14
1-34	WOMEN'S	183.11 SF	NONE	0	0
1-35	MEN'S	183.44 SF	NONE	0	0
1-36	PASTOR	243.64 SF	BUSINESS	150	2
1-36	KITCHEN	220.25 SF	BUSINESS	200	2
1-34	OFFICE	147.05 SF	BUSINESS	150	1
1-40	RECORDS	120.60 SF	NONE	0	0
1-41	FELLOWSHIP	1,245.84 SF	A-3	15	128
1-42	PANTRY	105.60 SF	NONE	0	0
1-43	PATHWAY	668.24 SF	NONE	0	0
1-46	CHANGING ROOM	103.20 SF	A-3	15	7
2-47	EQUIP. PLATFORM	267.50 SF	BUSINESS	150	2
GRAND TOTAL:		8,741.92 SF			489

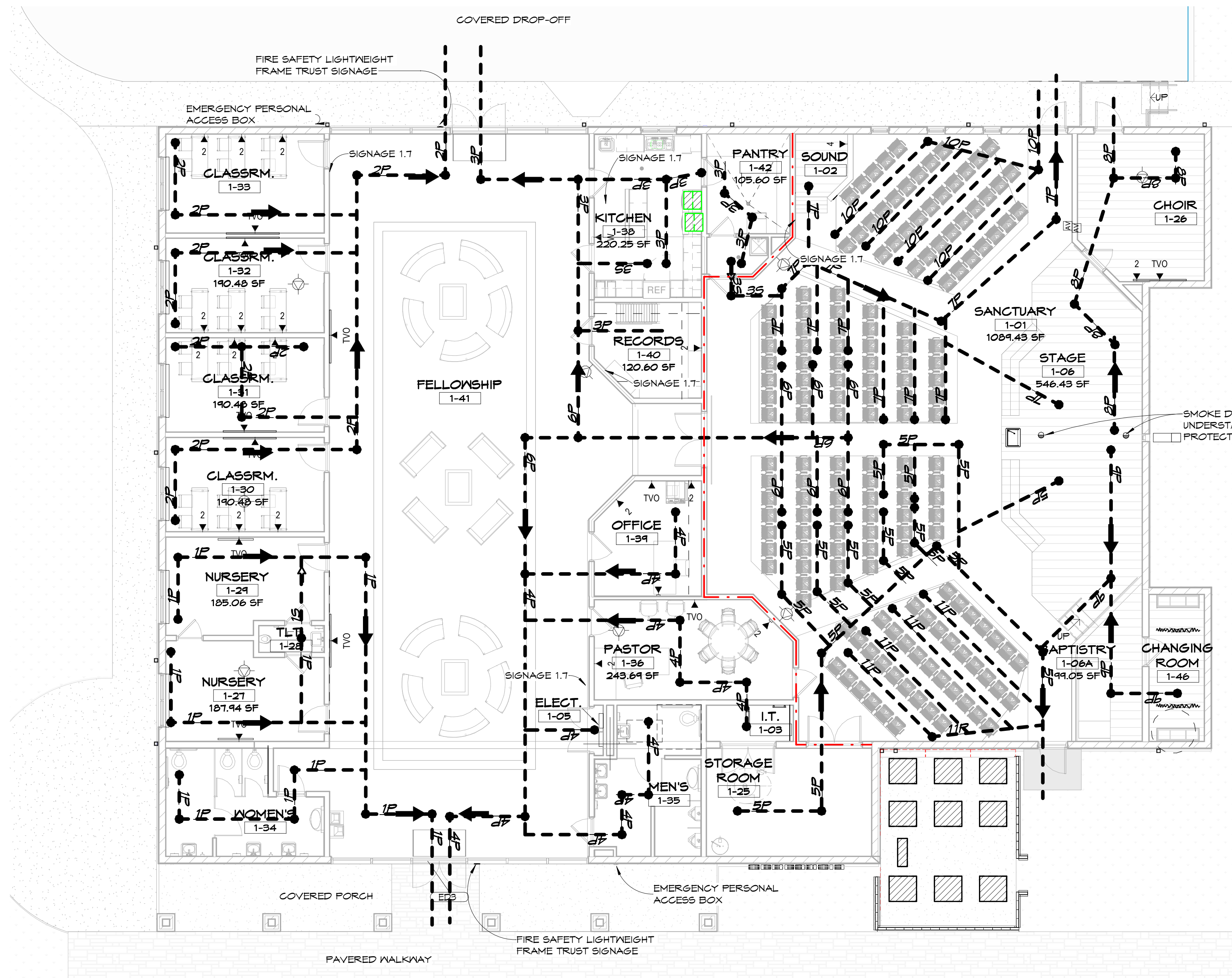
LIFE SAFETY LEGEND	
---	2 HOUR FIRE RATED EXTERIOR WALL
---	1 HOUR FIRE RATED PARTITION
---	SMOKE RATED PARTITION
[F]	FIRE ALARM SYSTEM MANUAL PULL STATION
[X] VMP	FIRE ALARM SYSTEM EXTERIOR WEATHERPROOF SIGNAL SPEAKER / STROBE
[S]	FIRE ALARM SYSTEM SIGNAL SPEAKER / STROBE
[H]	FIRE ALARM SYSTEM STROBE
[H]	FIRE ALARM SYSTEM AUTOMATIC HEAT DETECTOR
[H]	FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR
[H]	FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR
[S]	EXIT SIGN; BACK MOUNTED; ARROWS AS NOTED
[S]	FIRE SPRINKLER SYSTEM TAMPER SWITCH
[S]	FIRE SPRINKLER SYSTEM FLOW/TAMPER SWITCH
[F.E.]	FIRE EXTINGUISHER
[F.E.C.]	FIRE EXTINGUISHER CABINET

ROOM NAME	
[1-101]	ROOM NUMBER DESIGNATION
E.W.C.	ELECTRIC WATER COOLER

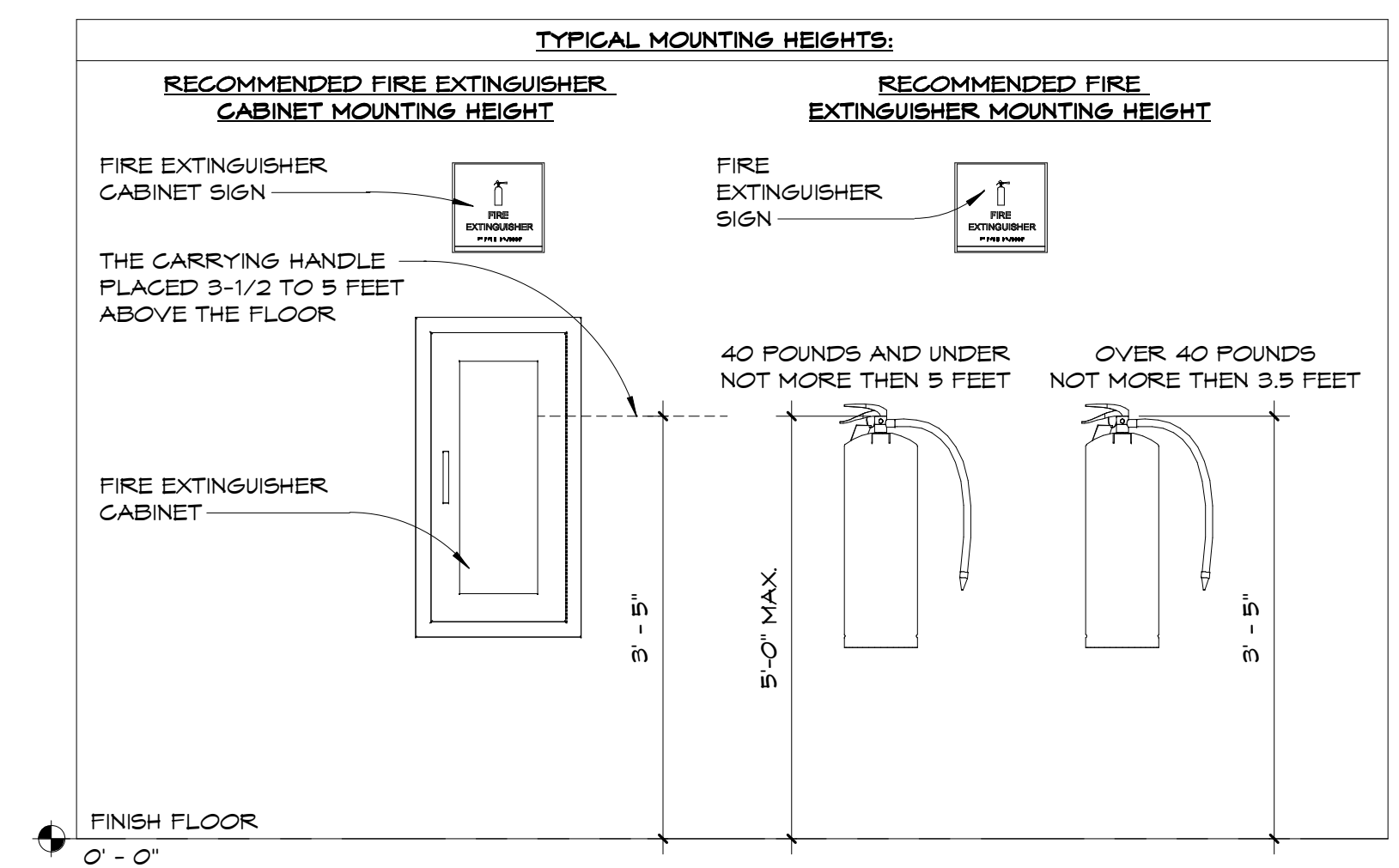
DOOR LABELS AS INDICATED ON LIFE SAFETY PLAN AND DOOR FINISH SCHEDULE	
(B)	CLASS B DOOR (90 MIN.)

TRAVEL DISTANCE	
1.	PATH OF TRAVEL TO EXTERIOR EXIT INDICATED ON LIFE SAFETY PLAN
2.	PRIMARY MEANS OF EGRESS FROM ROOMS
3.	SECONDARY MEANS OF EGRESS FROM ROOMS

EXIT CALCULATIONS:	
PERSON CAPACITY TOTAL BUILDING	9,070 SF 465 OCCUPANTS
FIRST FLOOR	9,070 SF 465 OCCUPANTS
FIRST FLOOR EXIT UNITS REQUIRED FOR DOORS	OCCUPANT LOAD TOTAL FLOOR = 465 OCCUPANTS
EXIT UNITS = 0.20 IN. / PER OCCUPANT	465 OCCUPANTS X 0.20 IN. = 93 INCHES REQUIRED
	2 DOORS @ 72 IN. = 144 INCHES PROVIDED
	3 DOORS @ 36 IN. = 108 INCHES PROVIDED
	282 IN. PROVIDED TOTAL
TRAVEL DISTANCE REQUIREMENTS	
A.	COMMON PATH OF TRAVEL = 75 FT.
B.	DEAD END CORRIDOR LIMIT = 20 FT.
C.	TRAVEL DISTANCE LIMIT = 250 FT.



NEW CONSTRUCTION - FIRST FLOOR LIFE SAFETY PLAN
 TRUE PROJECT NORTH NORTH
 1/8" = 1'-0"



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SPRINGFIELD BAPTIST CHURCH

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JH&A
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SCALE: As indicated DATE: 10/10/2024
 DRAWN BY: JH, CO, KJ CHECKED BY: AA, JIS, HJG
 NO. REVISION: DATE:

SHEET TITLE:
LIFE SAFETY PLAN

PROJECT NO: 4323 SHEET NO: A0.01

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SITE LEGEND

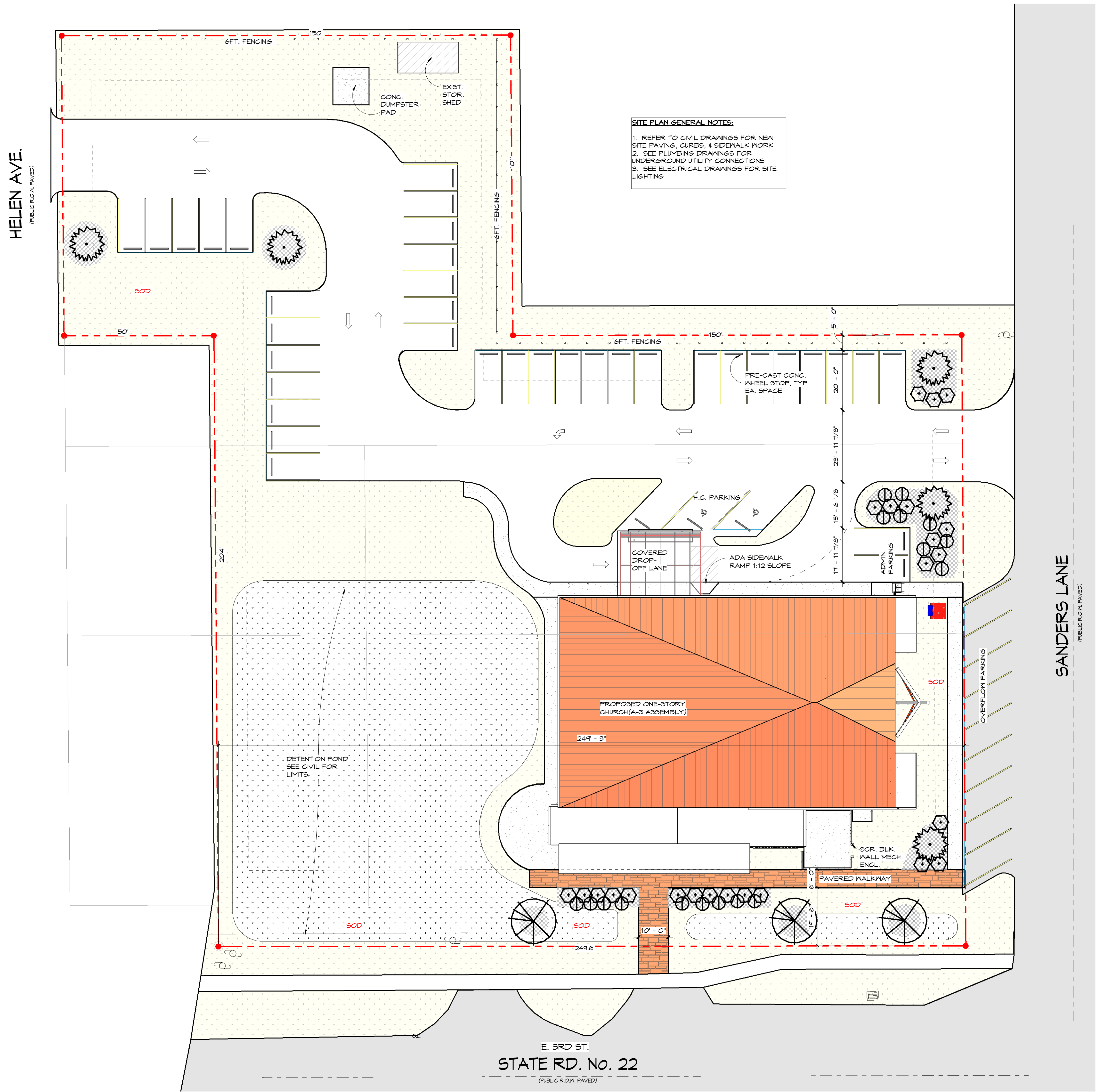
- PROPERTY LINE
- SETBACK LINE
- GRASS
- PAVEMENT
- BRICK PAVEMENT
- CONCRETE SIDEWALK

6FT. H. FENCING; 6'X0' PRESSURE-TREATED PANELS, SHADOWBOX DOGS EAR PICKETS, 4X4 P.T. POSTS W/ GOTHIC TOP

PRE-CAST CONG. WHEEL STOP, EA SPACE W/ (2) REBAR PINS; SEE CIVIL FOR SIZES

SITE PLAN GENERAL NOTES:

- REFER TO CIVIL DRAWINGS FOR NEW SITE PAVING, CURBS, & SIDEWALK WORK
- SEE PLUMBING DRAWINGS FOR UNDERGROUND UTILITY CONNECTIONS
- SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING

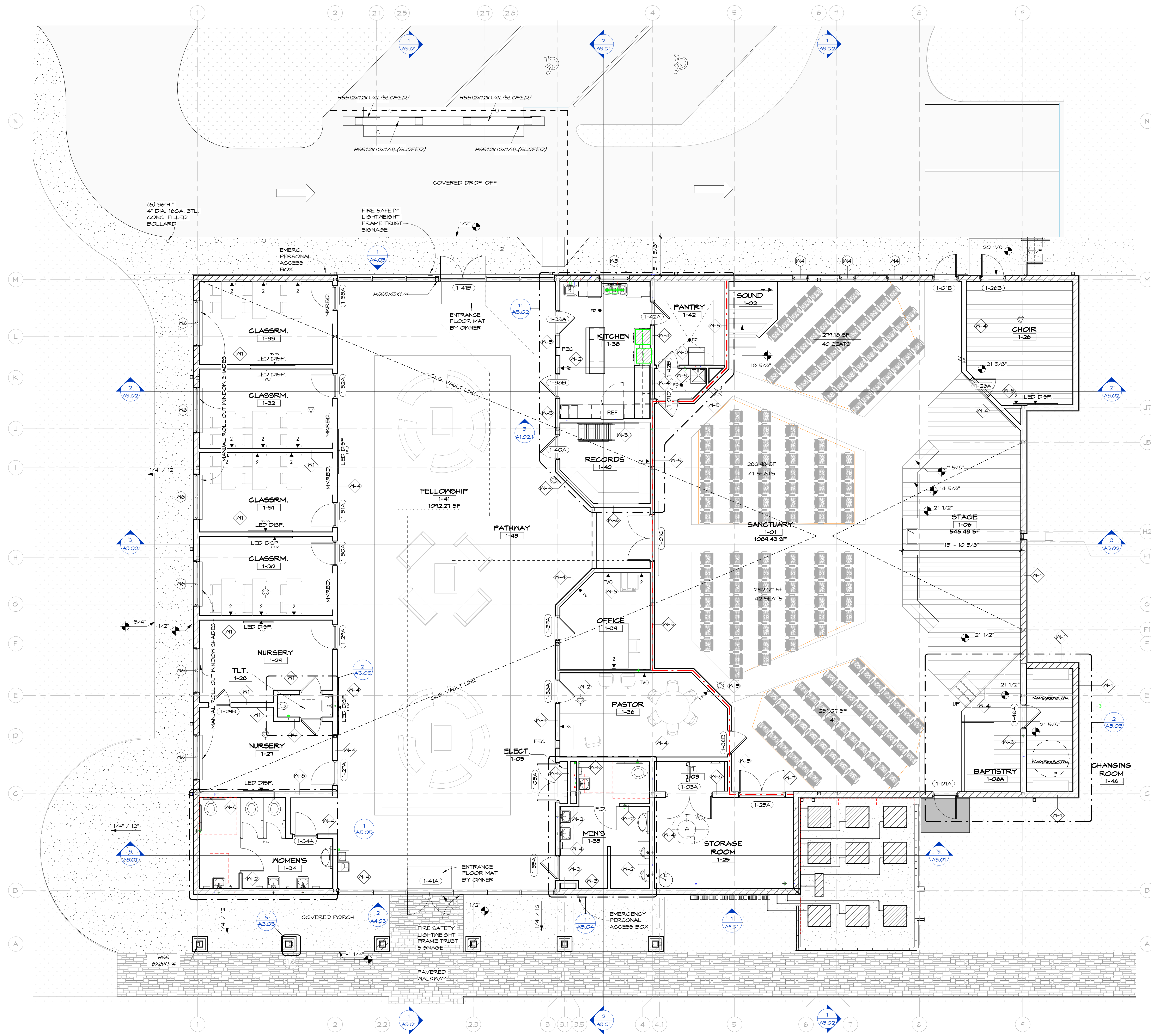


NEW CONSTRUCTION - SITE PLAN

1/16" = 1'-0"

TRUE PROJECT NORTH

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Room Schedule		
Name	Number	Area
SANCTUARY	1-01	1098 SF
SANCTUARY SEATING	1-01A	1128 SF
BOUND	1-02	34 SF
I.T.	1-03	42 SF
ELECT.	1-05	6 SF
STAGE	1-06	546 SF
BAPTISTRY	1-06A	91 SF
JAN.	1-07	21 SF
STORAGE ROOM	1-25	228 SF
CHOIR	1-26	221 SF
NURSERY	1-27	188 SF
TLT.	1-28	22 SF
NURSERY	1-29	138 SF
CLASSRM.	1-30	190 SF
CLASSRM.	1-31	190 SF
CLASSRM.	1-32	190 SF
CLASSRM.	1-33	200 SF
WOMEN'S	1-34	183 SF
MEN'S	1-35	193 SF
PASTOR	1-36	244 SF
KITCHEN	1-38	220 SF
OFFICE	1-39	141 SF
OFFICE	1-40	121 SF
FELLOWSHIP	1-41	1092 SF
PANTRY	1-42	126 SF
PATHWAY	1-43	668 SF
CHANGING ROOM	1-46	103 SF
EQUIP. PLATFORM	2-47	268 SF
	33	8742 SF

CHAIR COUNT	
Count	Comments
164	SANCTUARY
Grand total: 164	

Area Schedule (Gross Building)	
Name	Area
Area	9259.20 SF



SPRINGFIELD BAPTIST CHURCH

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CONSTRUCTION DOCUMENTS

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NO.	REVISION:
	DATE:

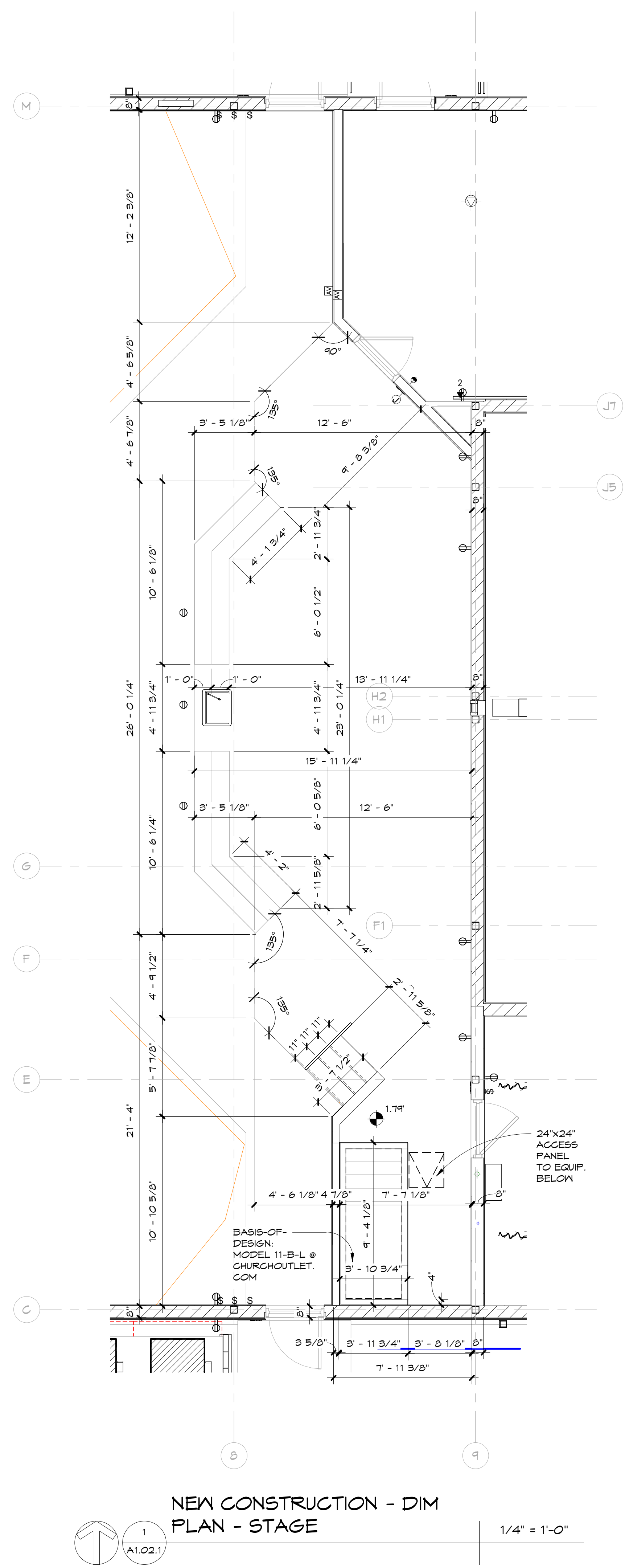
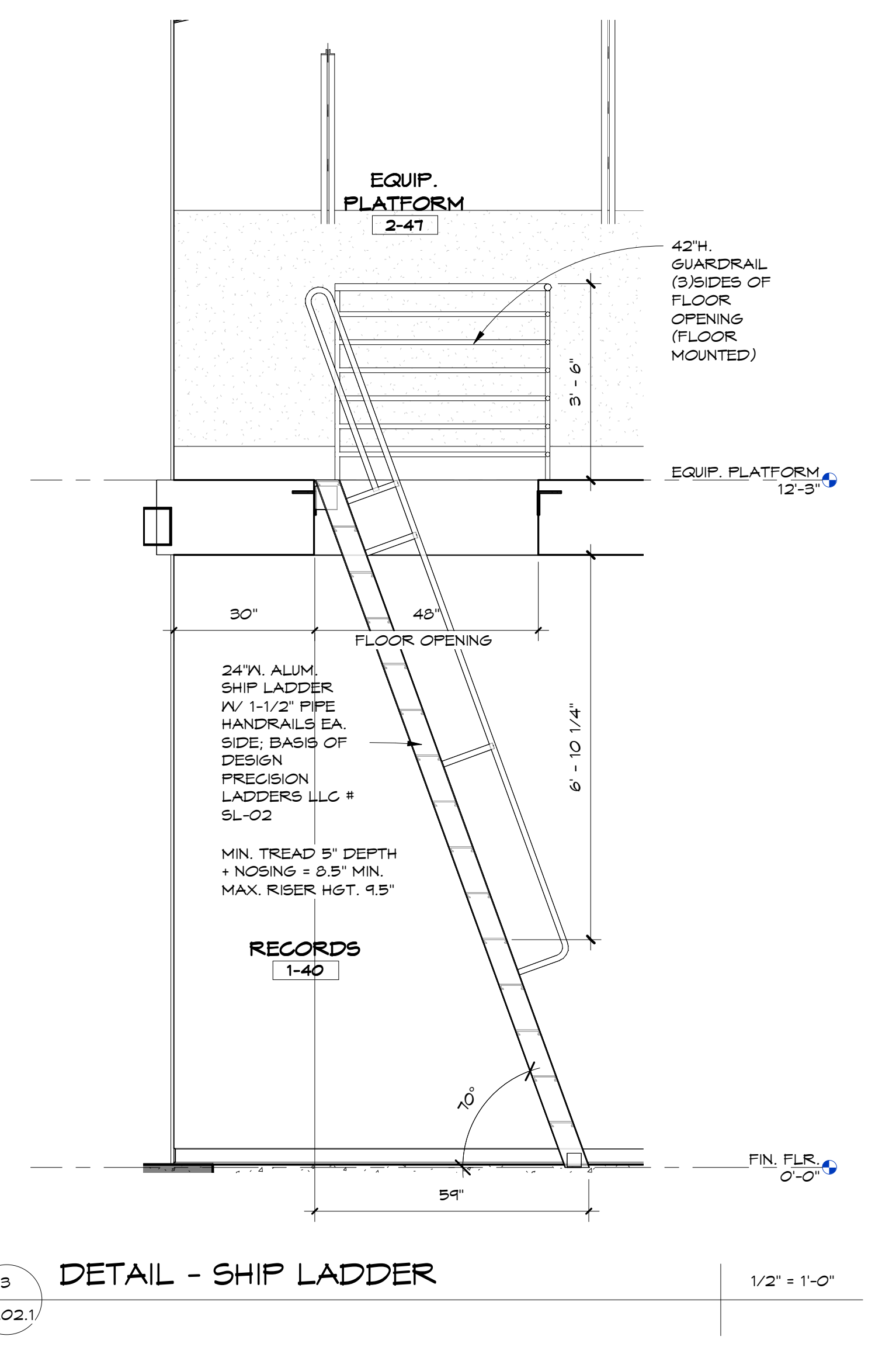
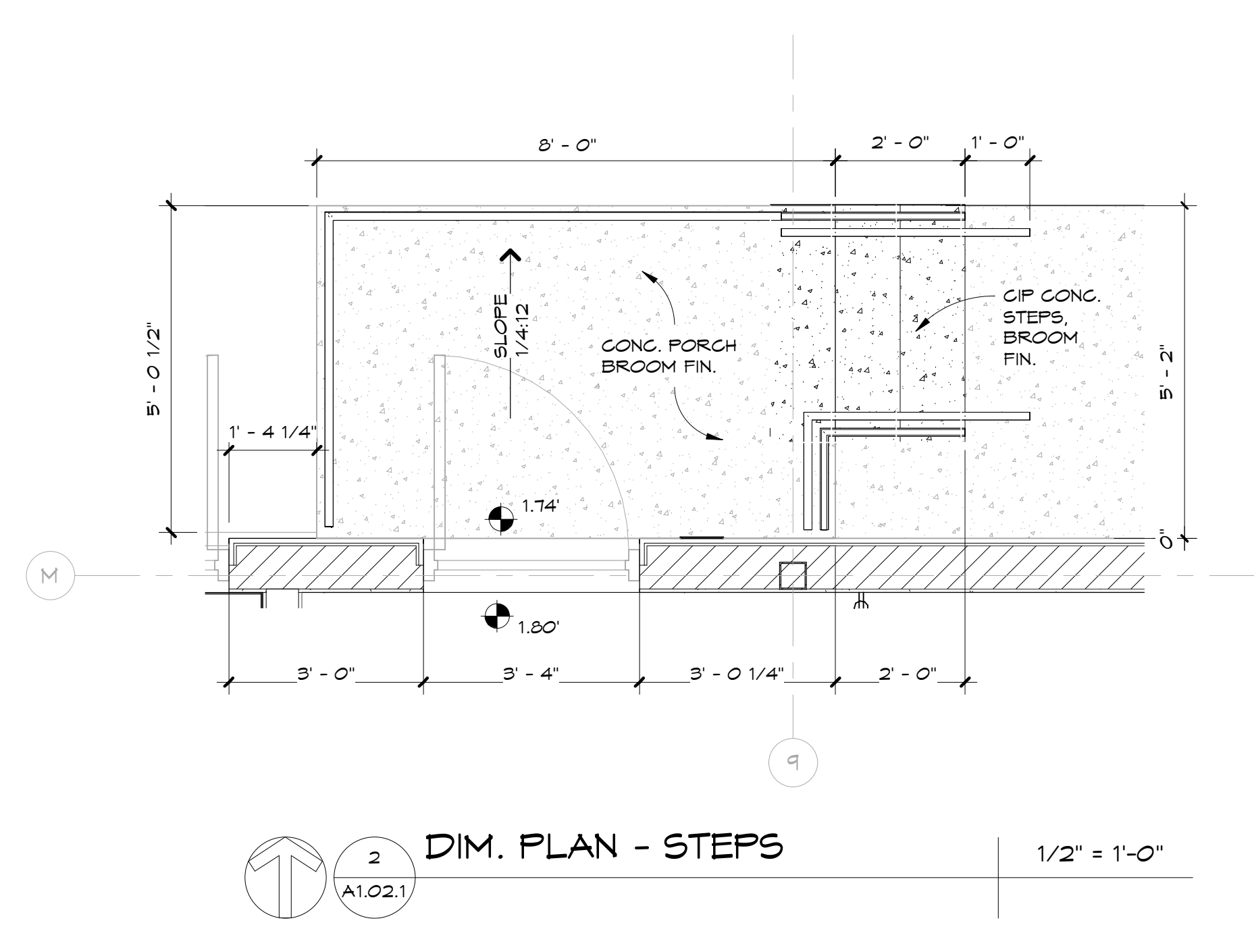
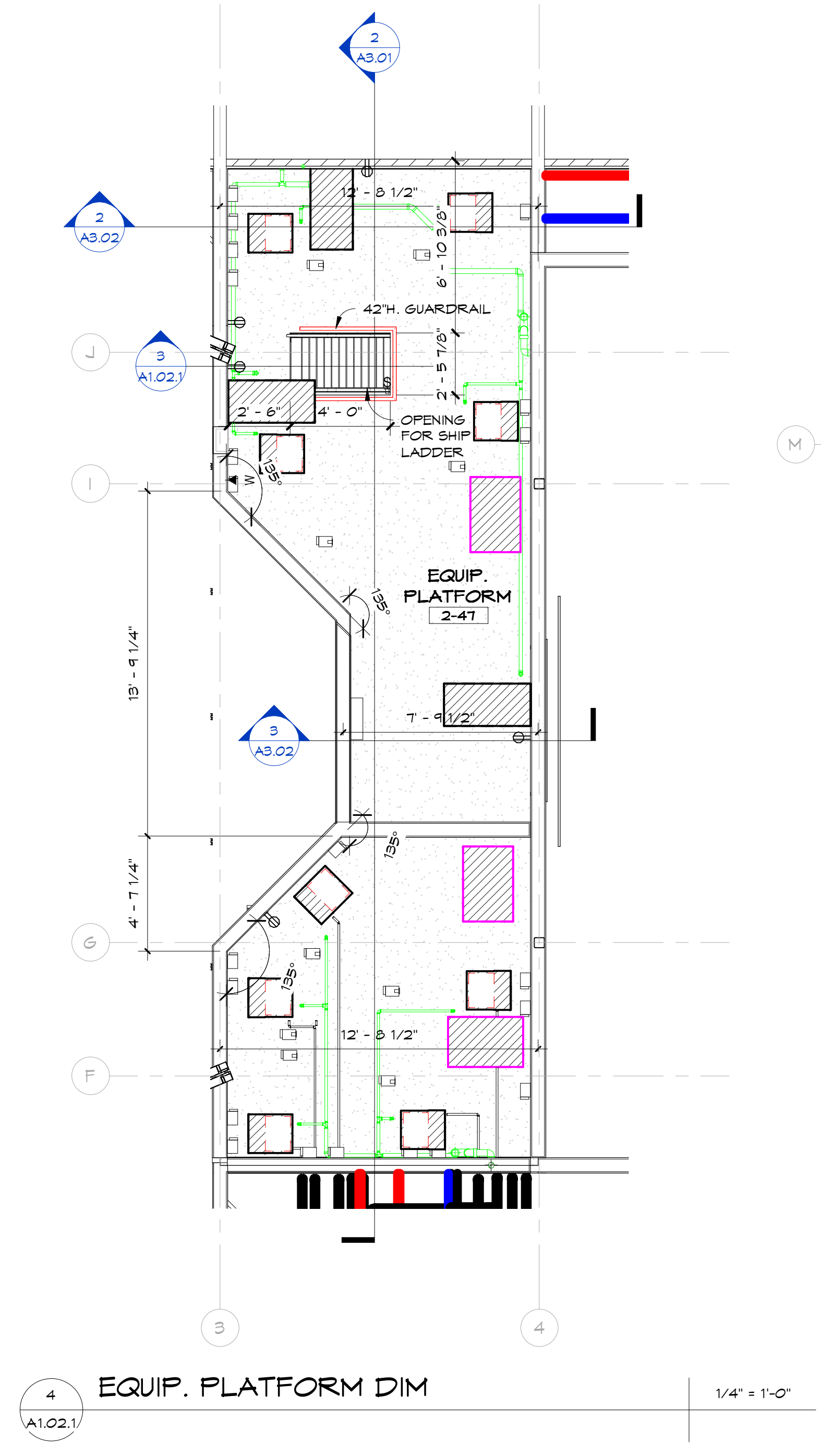
SHEET TITLE:
FLOOR PLAN

PROJECT NO: 4323	SHEET NO: A1.01
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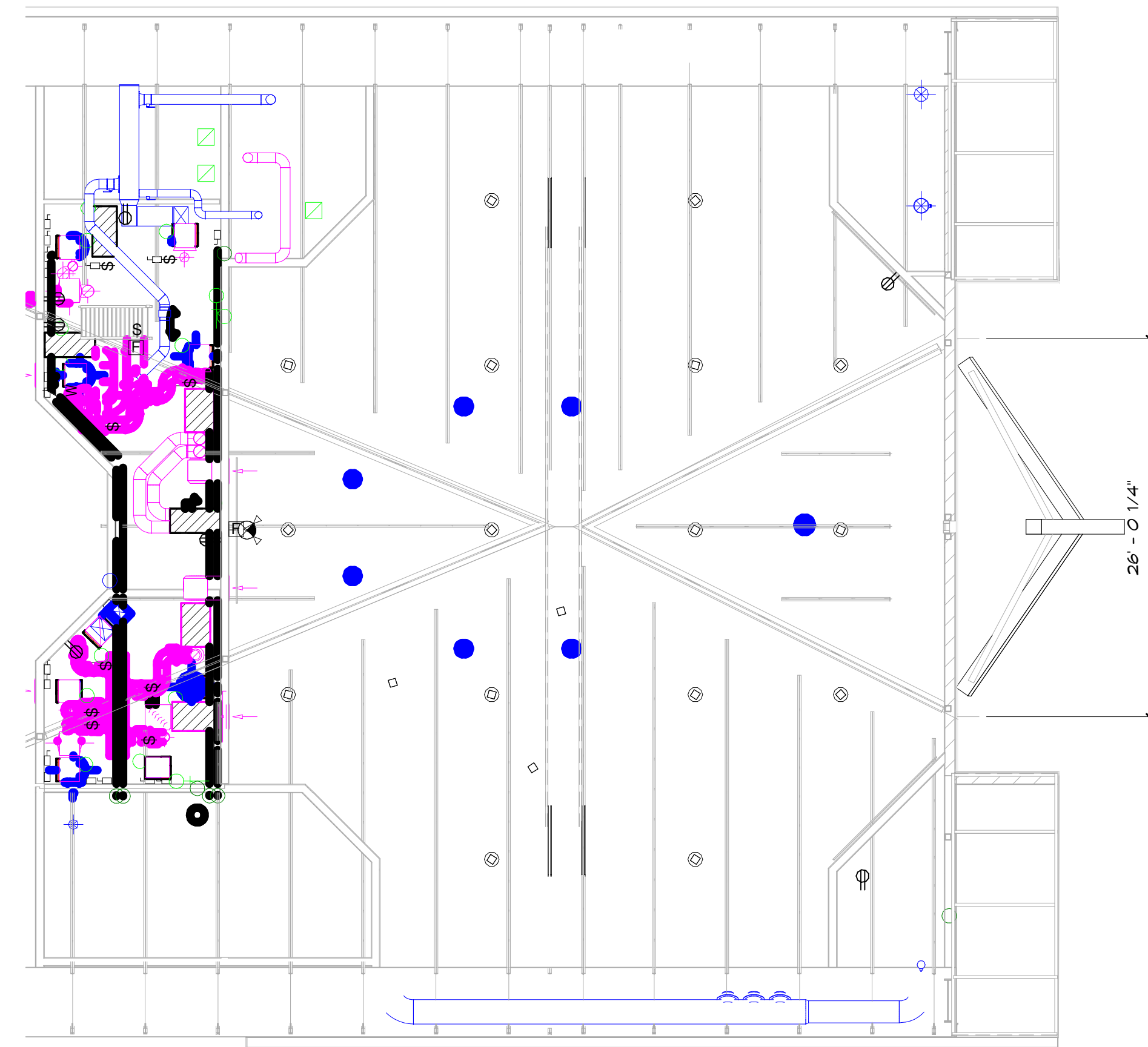
NEW CONSTRUCTION - FIRST FLOOR
3/16" = 1'-0"
TRUE PROJECT NORTH NORTH

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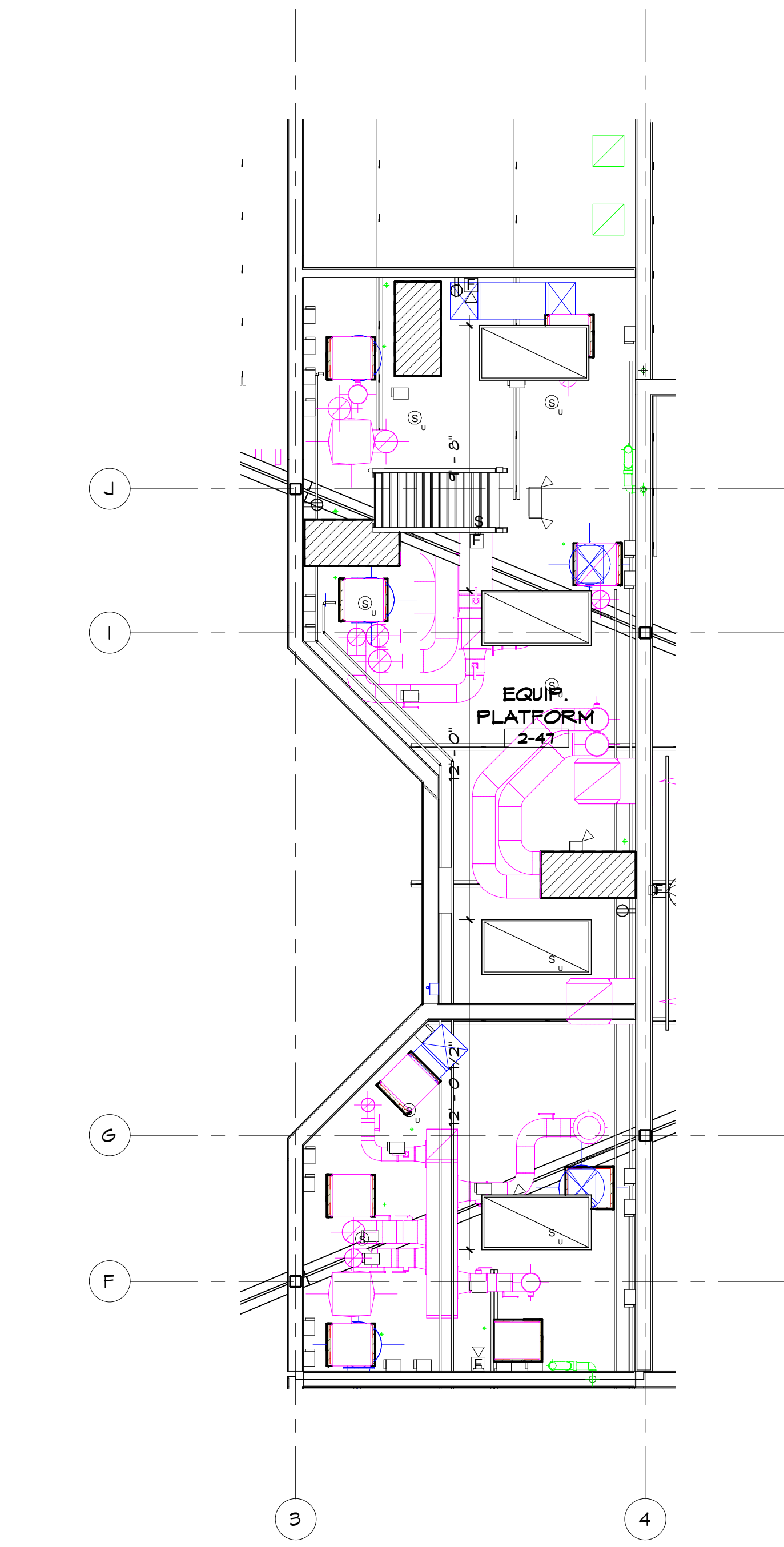
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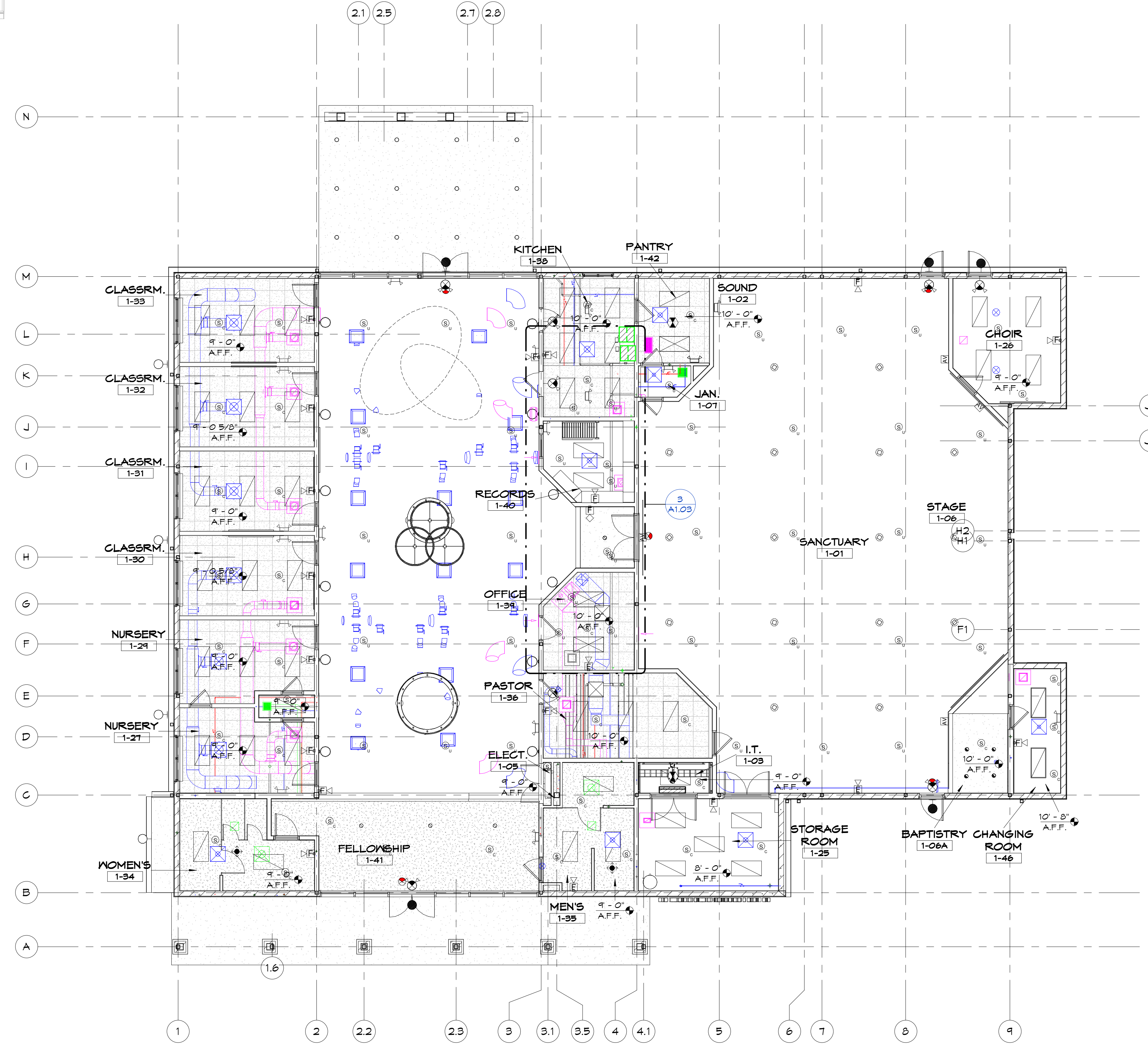
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2 CEILING PLAN - SANCTUARY 1/8" = 1'-0"



3 NEW CONSTRUCTION - REFLECTED CEILING PLAN - EQUIP. PLATFORM 1/4" = 1'-0"



1 NEW CONSTRUCTION - REFLECTED CEILING PLAN 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND:

CEILING TYPES:

- ACT-1 - 2X2 ACOUSTICAL TILE CEILING (REFER TO SPECS)
- EXPOSED CEILING
- GYP. BOARD CEILING OVER METAL STUD (WATER RESISTANT SB @ ALL RESTROOMS & CUSTODIAL ROOMS)

WALL LEGEND:

- EXISTING WALLS
- EXISTING WALLS

LIGHT FIXTURES:

- LED 2'-0" X 2'-0" LIGHT FIXTURE IN CEILING GRID
- SURFACE MOUNTED FLUORESCENT LINEAR LIGHT FIXTURE
- SURFACE MOUNTED FLUORESCENT LINEAR DIMMABLE LIGHT FIXTURE
- RECESSED LED CAN LIGHT
- SUSPENDED LIGHT FIXTURE
- CHANDELIER
- SUSPENDED LED LINEAR LIGHT FIXTURE
- SUSPENDED LED COLUMN LIGHT FIXTURE

MISCELLANEOUS:

- EXIT LIGHT, CEILING MOUNTED

NOTE:

- ALL CEILING ELEVATIONS ARE FROM ABOVE FINISH FLOOR (REFER TO SCHEDULE)
- REFER TO LIFE SAFETY PLANS AND ELECTRICAL LIGHTING PLANS FOR LOCATIONS OF EMERGENCY AND EXIT LIGHTS

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ROOF DRAINAGE CALC.

RAINFALL INTENSITY (10YR) = 8.3 IN./HR.
 RAINFALL INTENSITY (100YR) = 10.8 IN./HR.
 PLAN AREA = 8029 SQ. FT.
 GUTTER LENGTH = 245 FT.
 MAX GUTTER SERVED BY EACH DS = 29 FT.
 DESIGN AREA = 8829.9 SQ. FT.
 MINIMUM NUMBER OF DS = 11
 MAX ROOF AREA SERVED BY EACH DS = 869 SQ. FT.

NOTE:
 REFER TO MECH. /FLUMBING DRAWINGS FOR VTR. & FAN PENETRATIONS



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:



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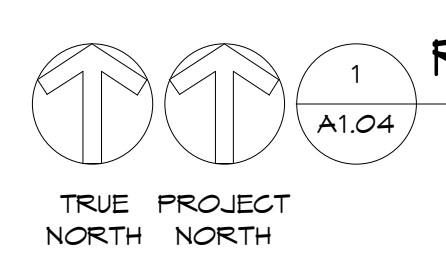
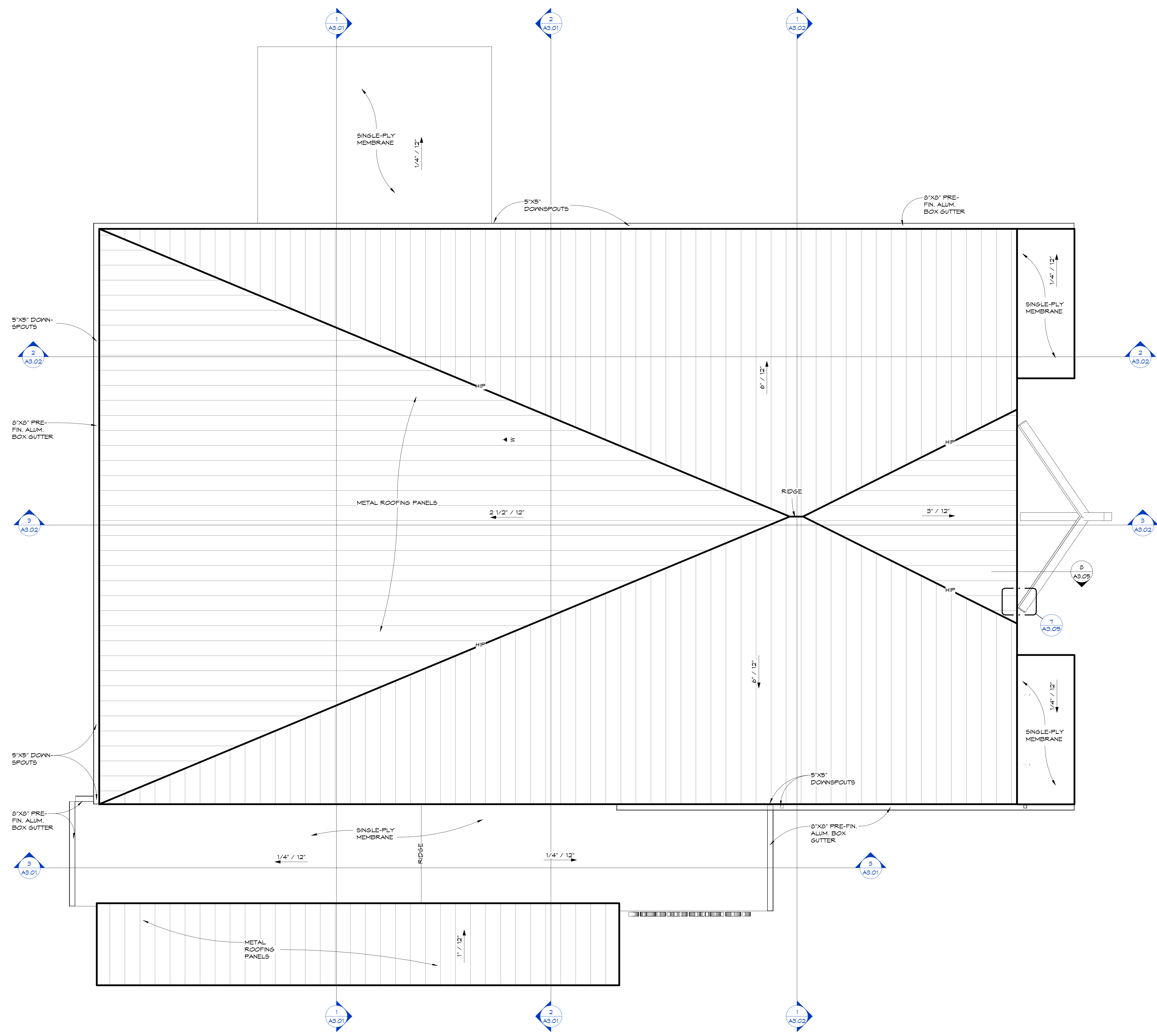
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CONSTRUCTION DOCUMENTS

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NO.	REVISION: DATE:

SHEET TITLE:
ROOF PLAN

PROJECT NO: 4323 SHEET NO: A1.04



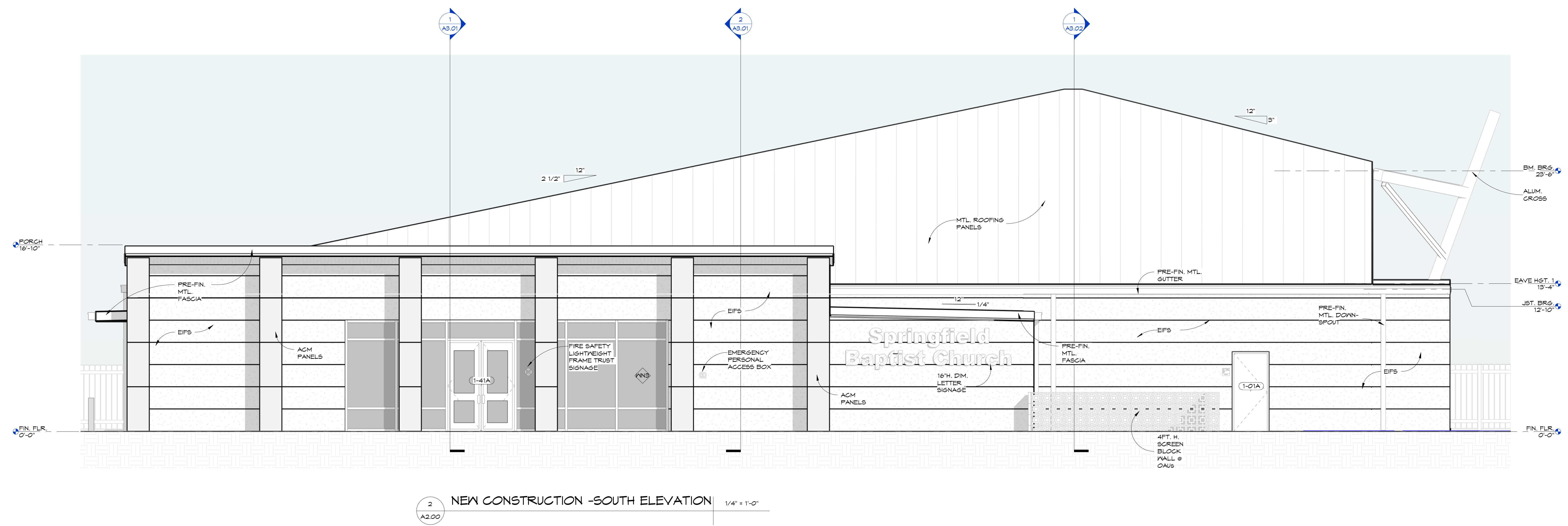
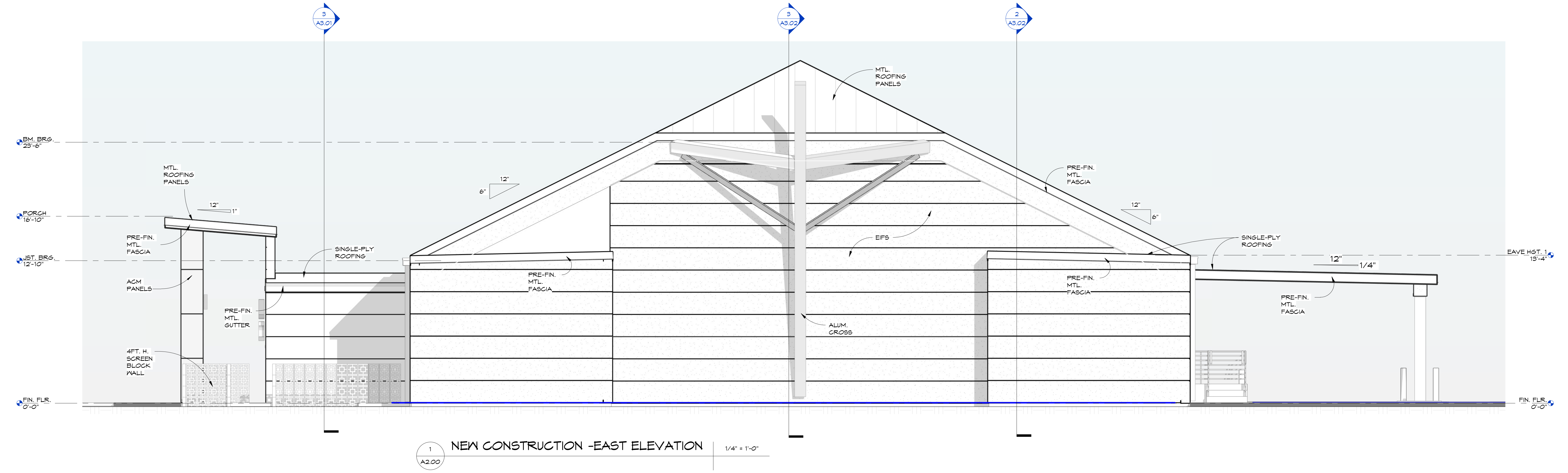
ROOF PLAN

3/16" = 1'-0"

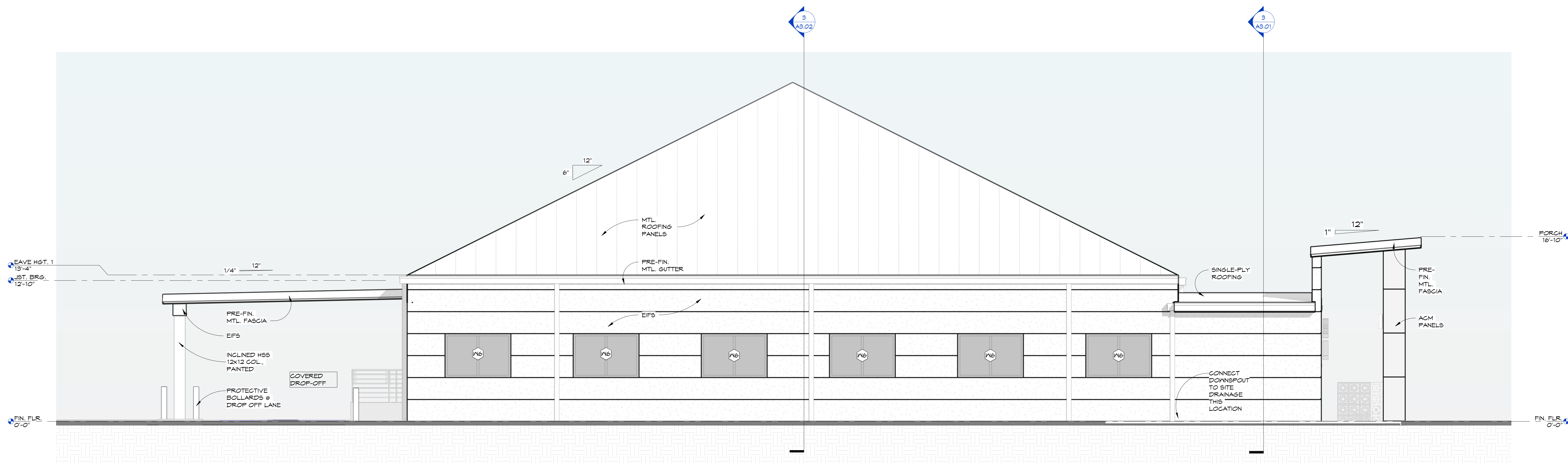
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NO.	REVISION	DATE

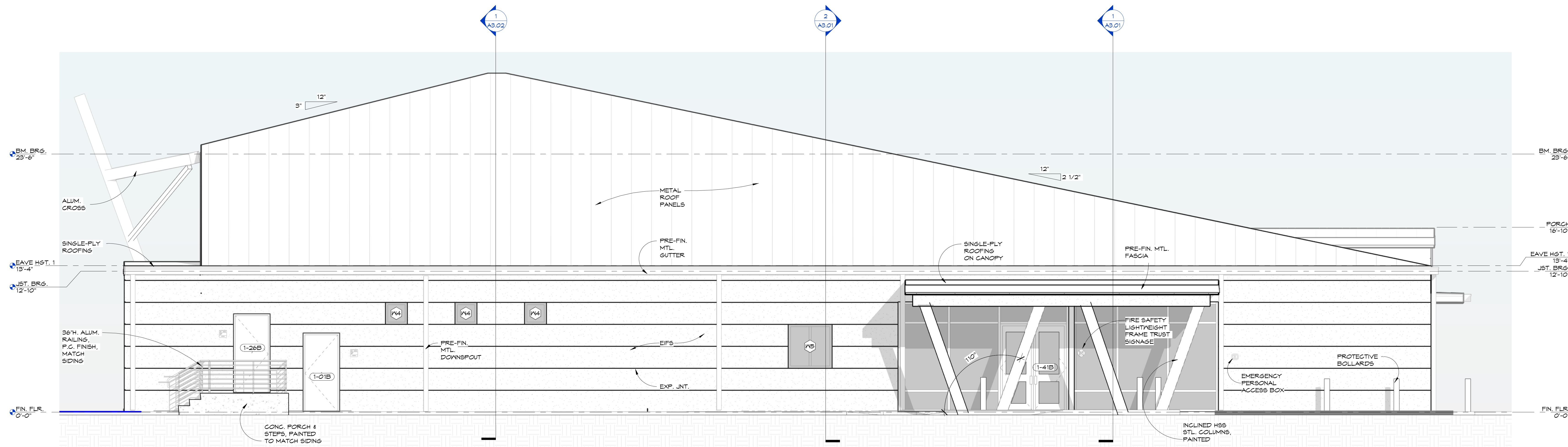
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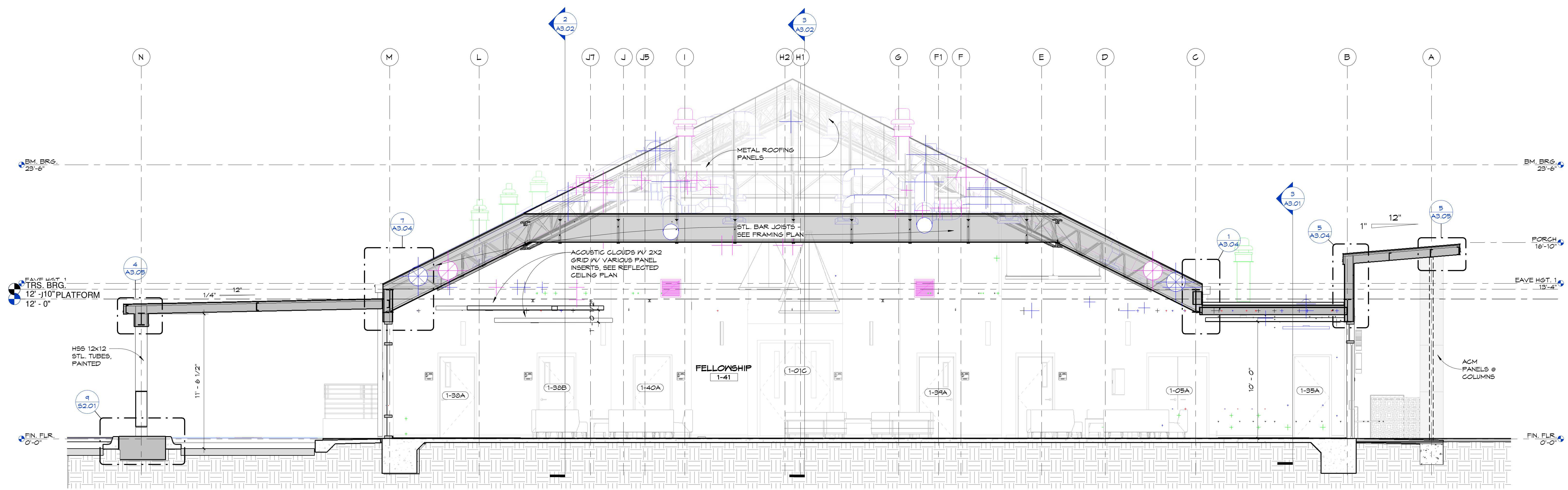
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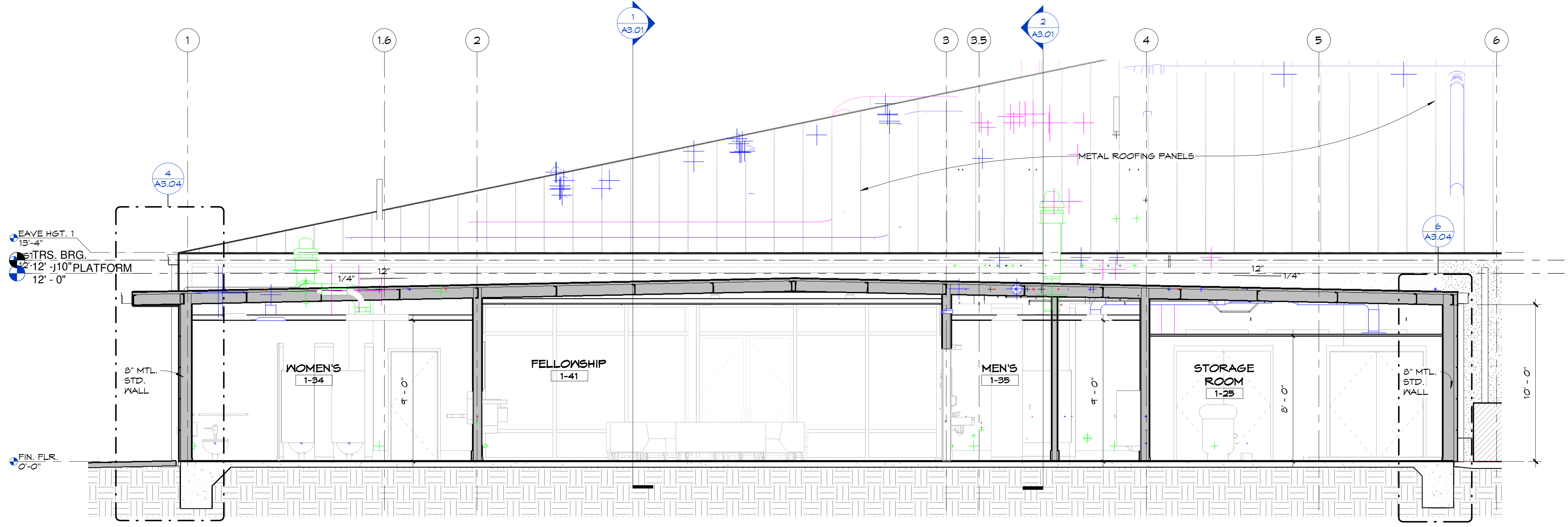
1
A2.01 NEW CONSTRUCTION -WEST ELEVATION 1/4" = 1'-0"



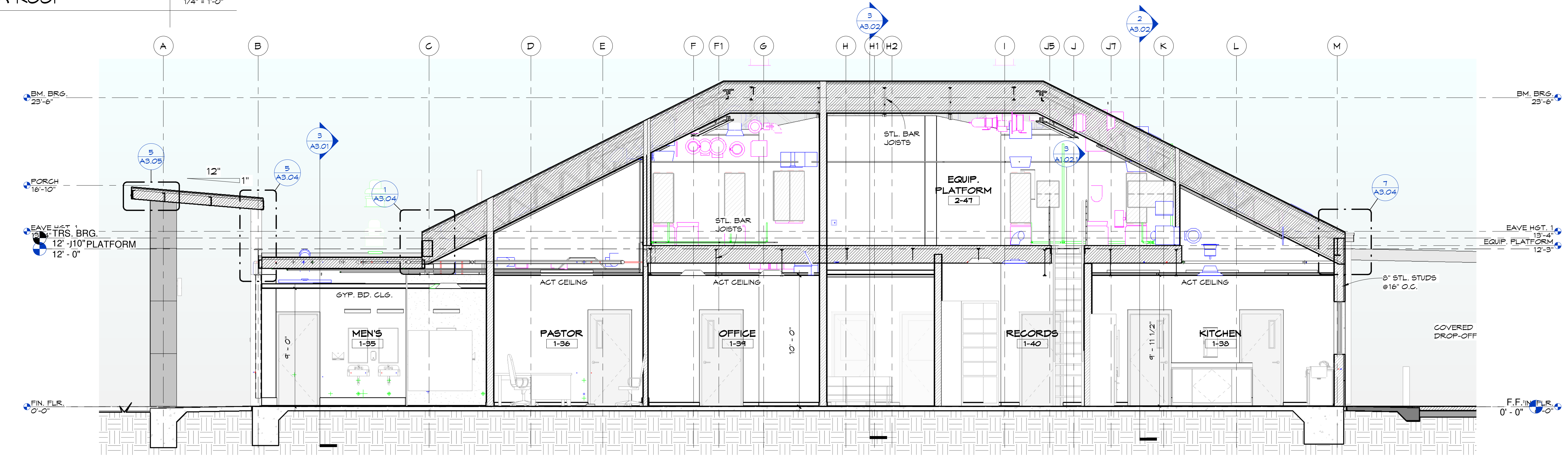
2
A2.01 NEW CONSTRUCTION - NORTH ELEVATION 1/4" = 1'-0"



1 EAST FELLOWSHIP SECTION
 1/4" = 1'-0"

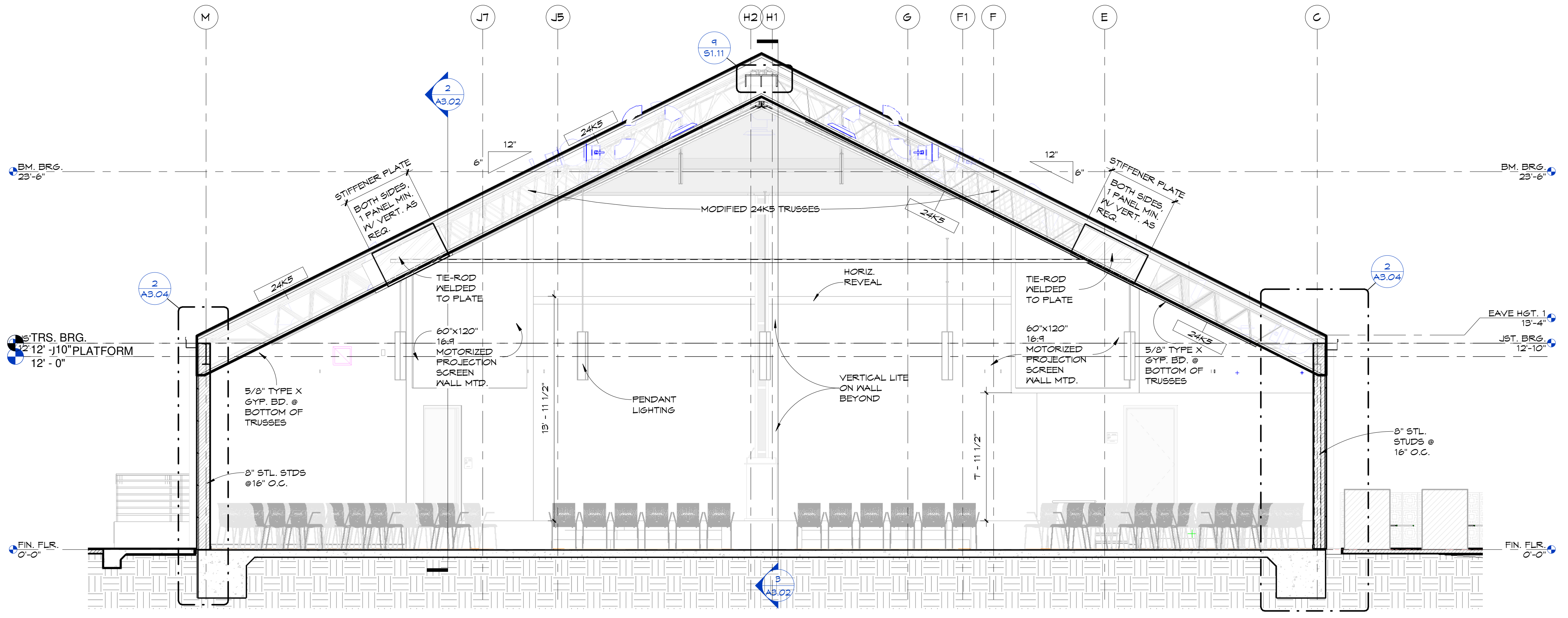


3 SECTION THRU LOW-ROOF
 1/4" = 1'-0"

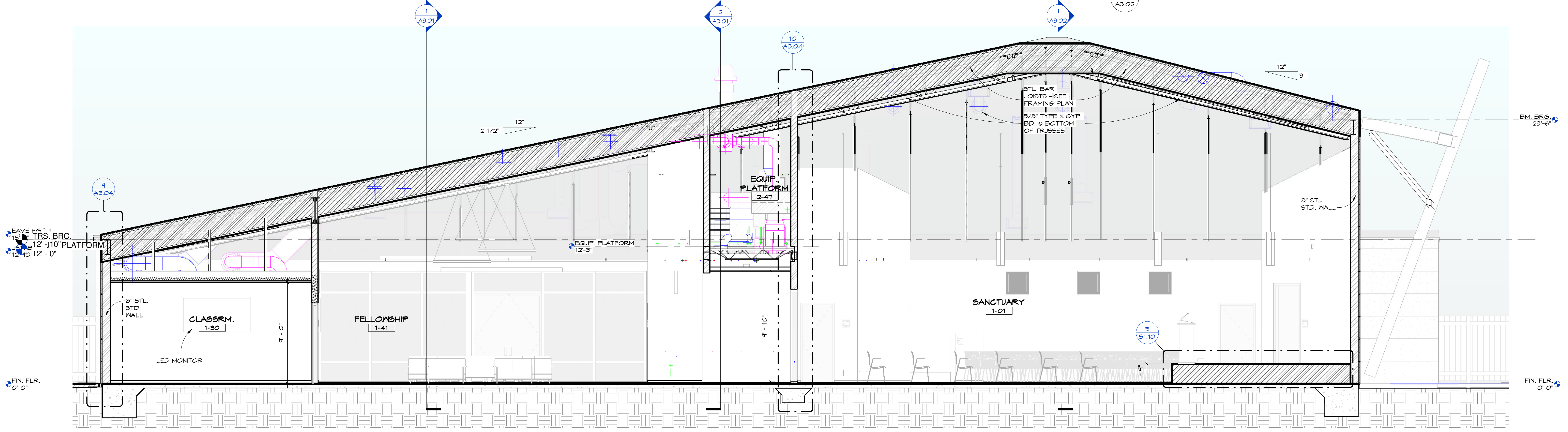


2 WEST MIDDLE BUILDING SECTION
 1/4" = 1'-0"

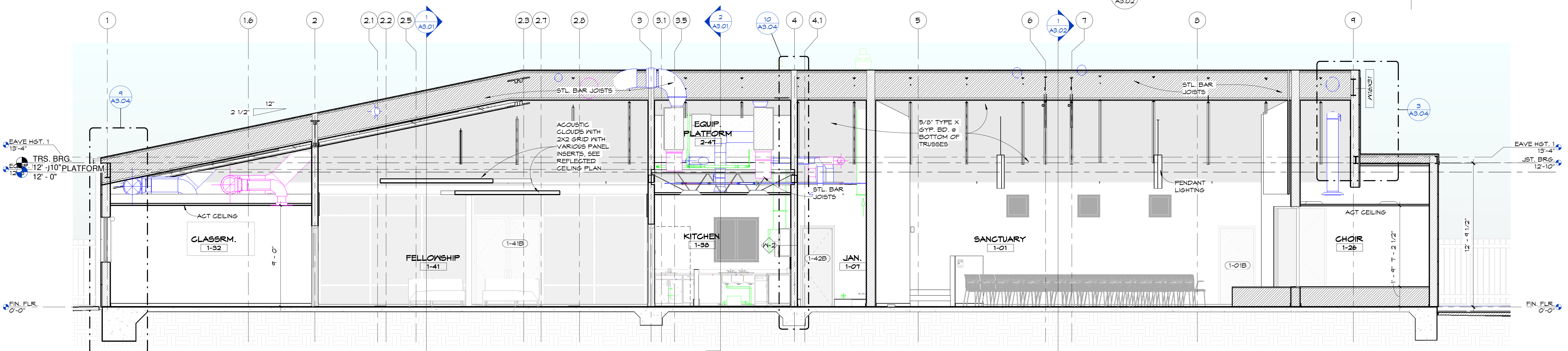
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1 EAST SANCTUARY SECTION
 1/4" = 1'-0"

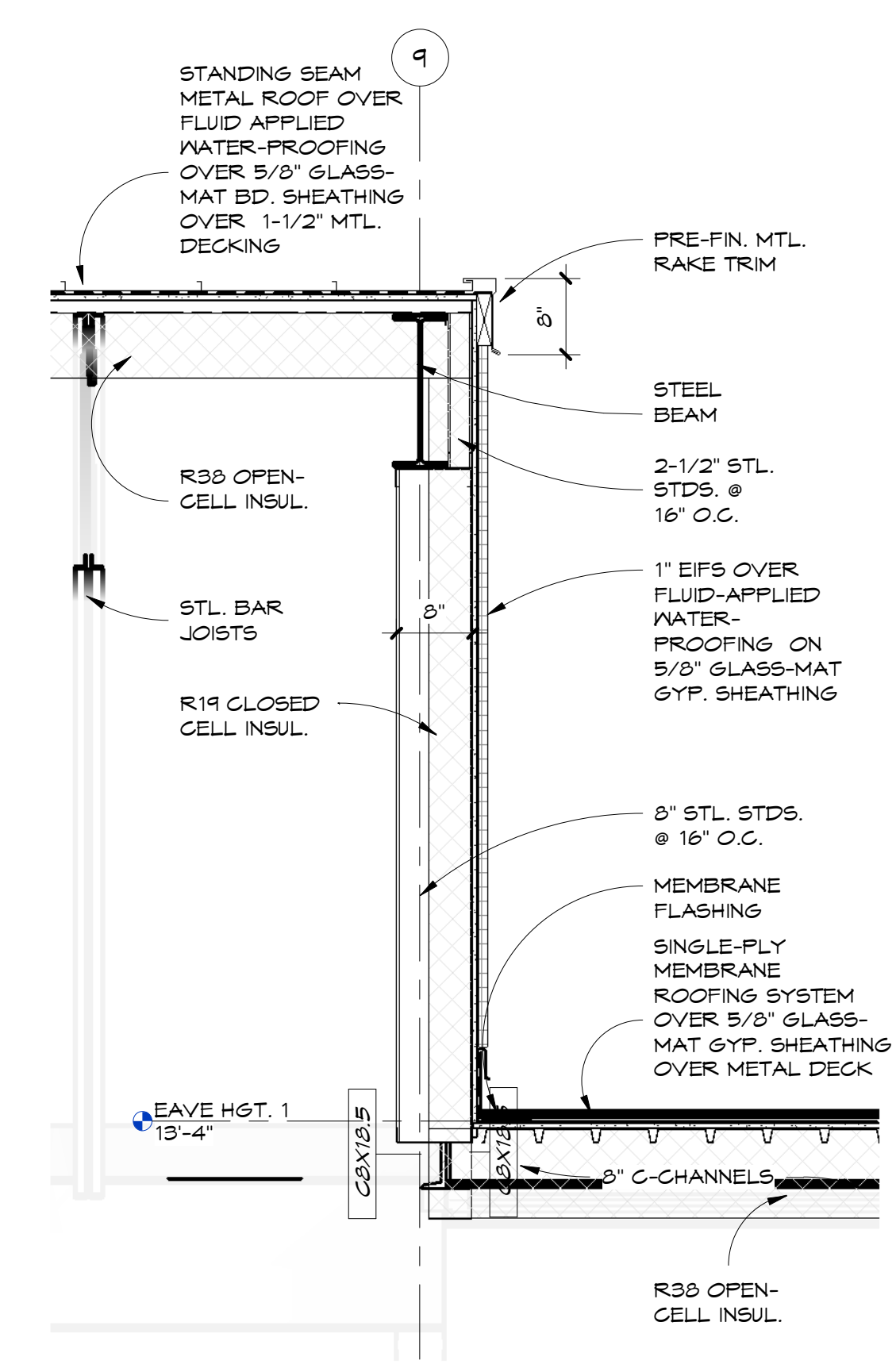


3 E-W THRU CENTER
 1/4" = 1'-0"

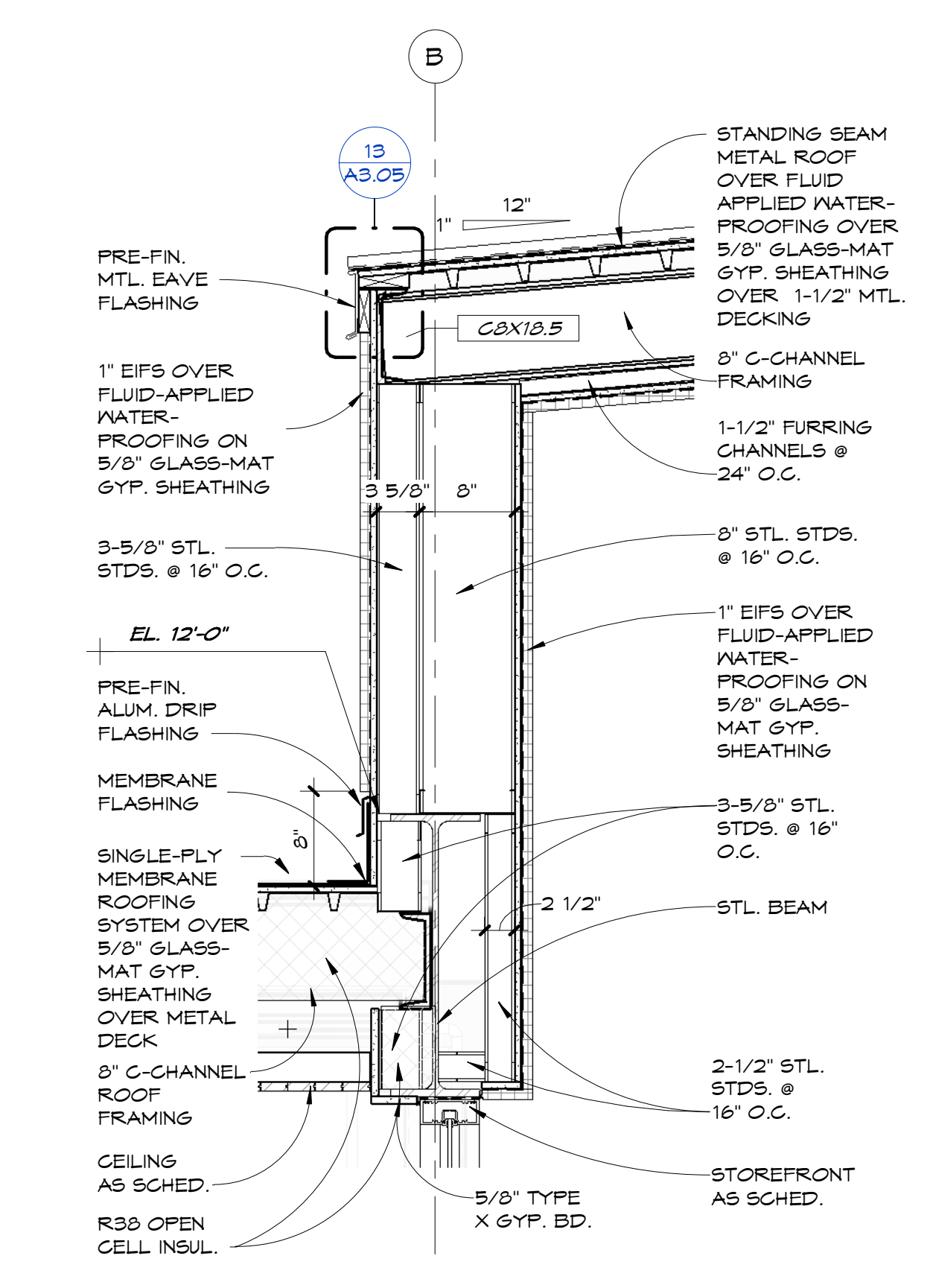


2 NORTH BLDG. SECTION
 1/4" = 1'-0"

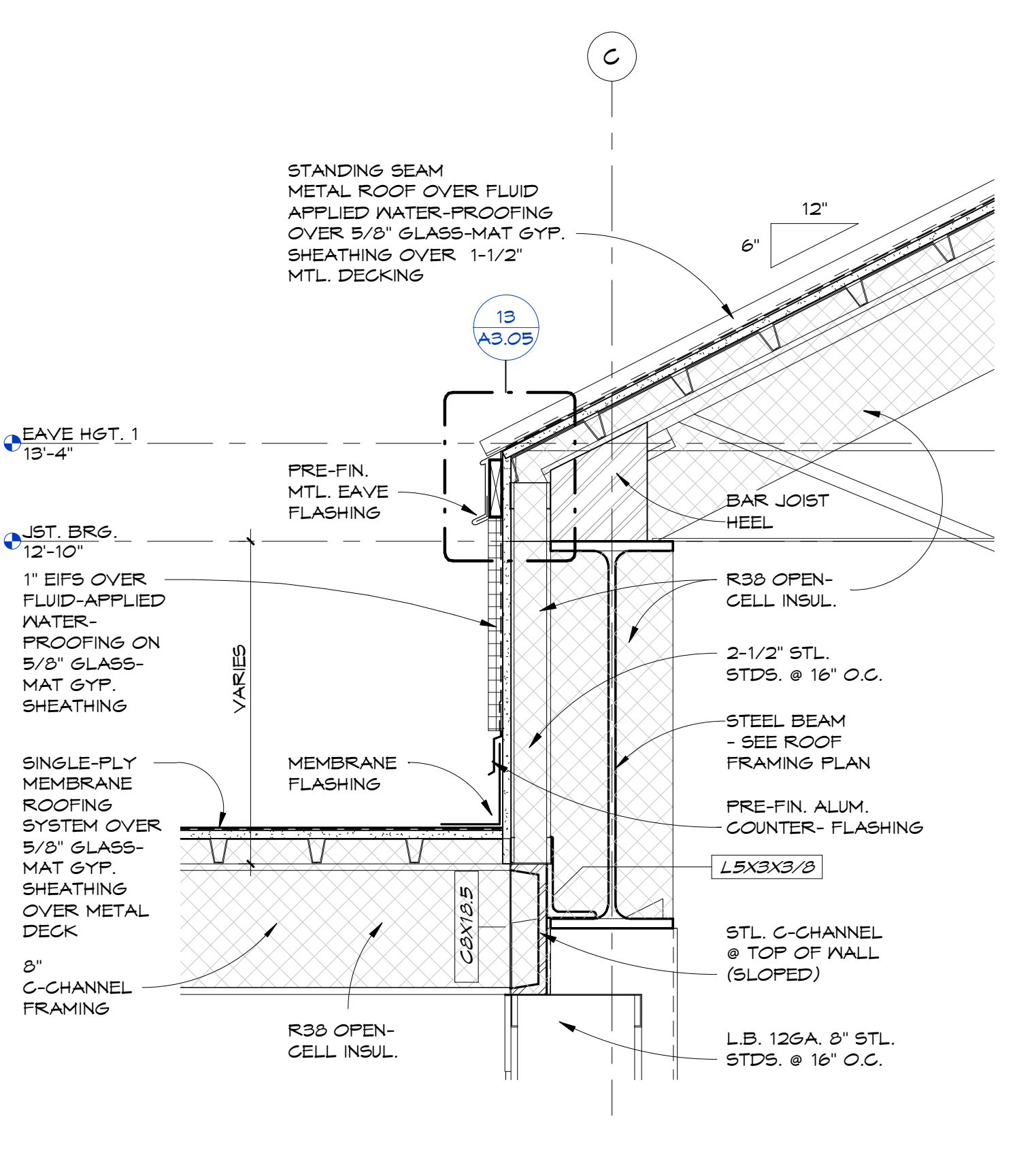
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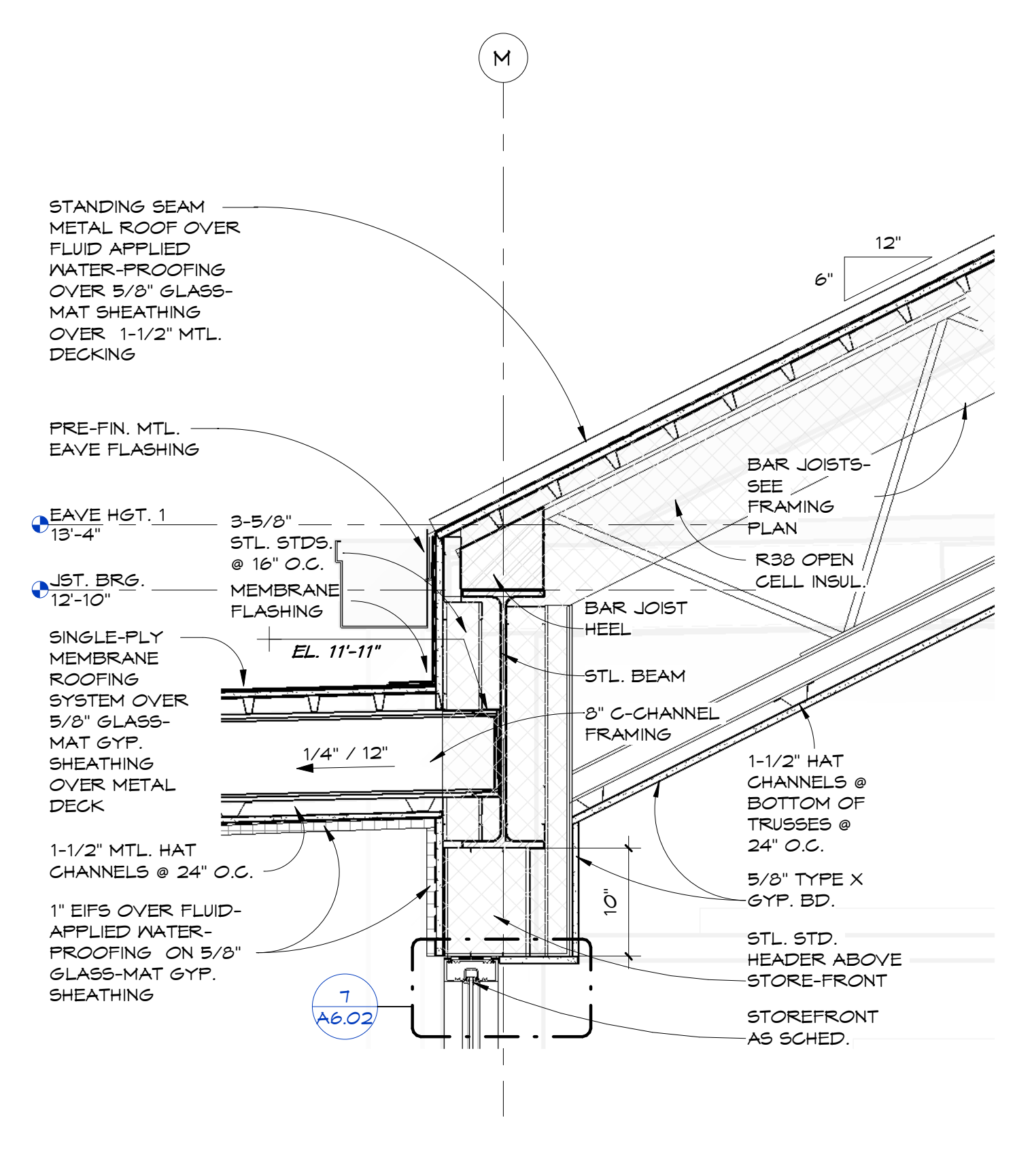
SECTION THRU ENDWALL (EAST)
 3/4" = 1'-0"



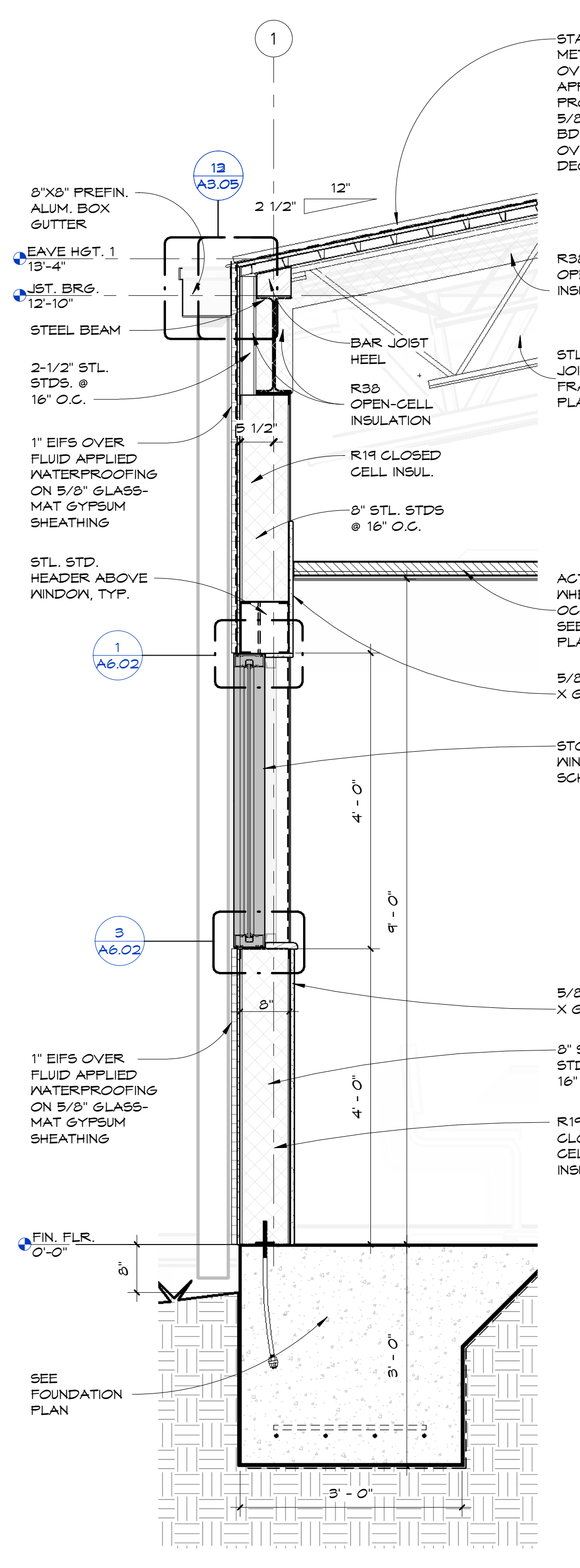
SECTION THRU ENTRY (SOUTH)
 1" = 1'-0"



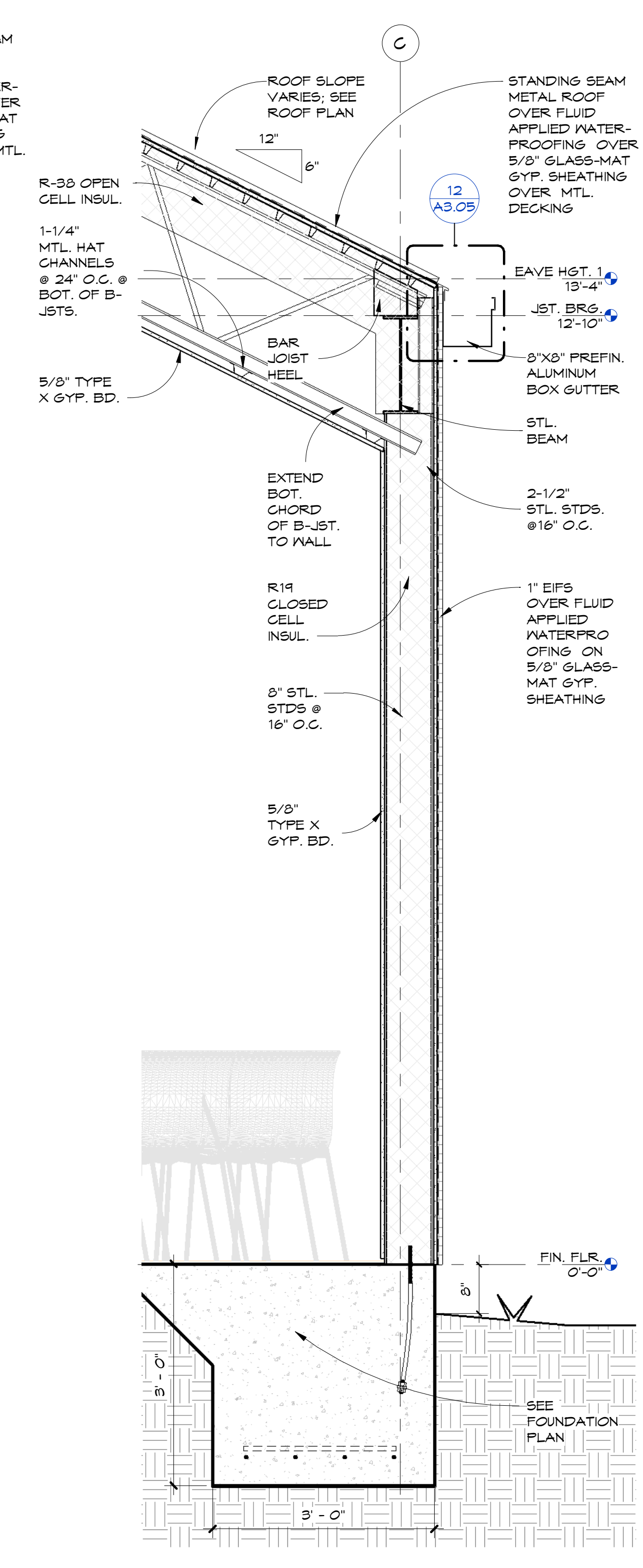
EAVE DETAIL - ROOF TO LOW-SLOPE - BEAM
 1 1/2" = 1'-0"



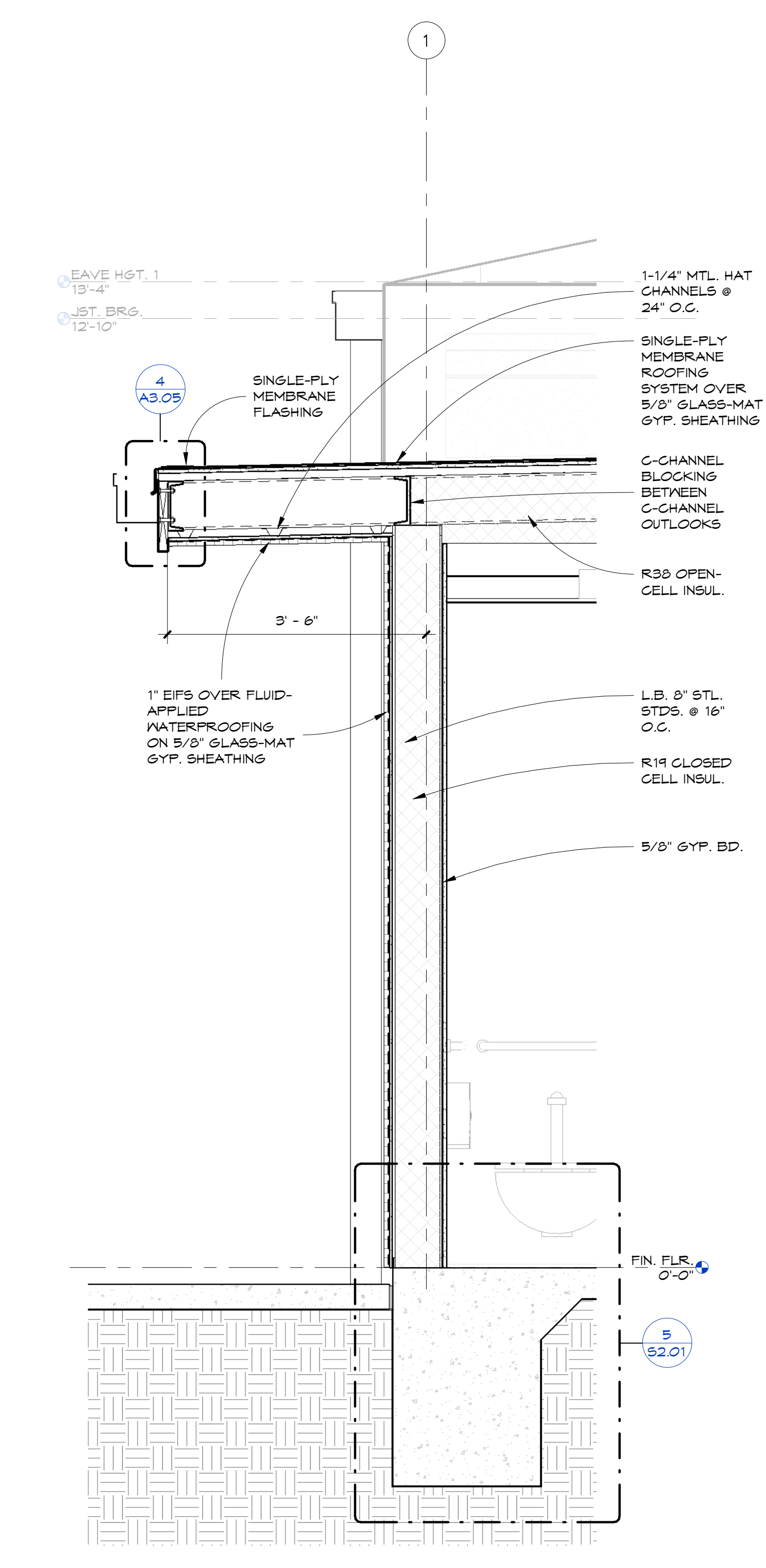
SECTION THRU ENTRY (NORTH)
 1" = 1'-0"



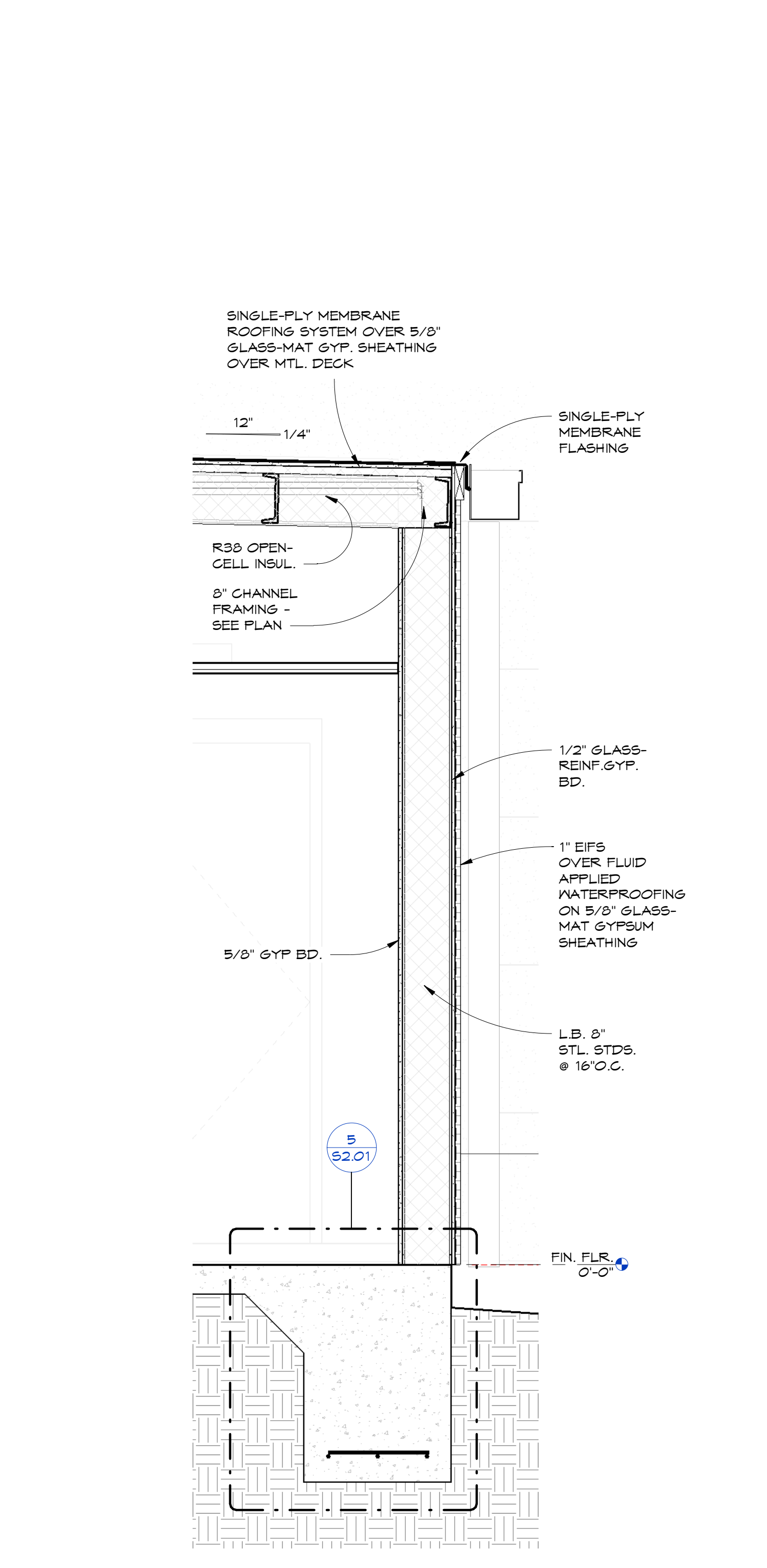
WALL SECTION, TYP.
 3/4" = 1'-0"



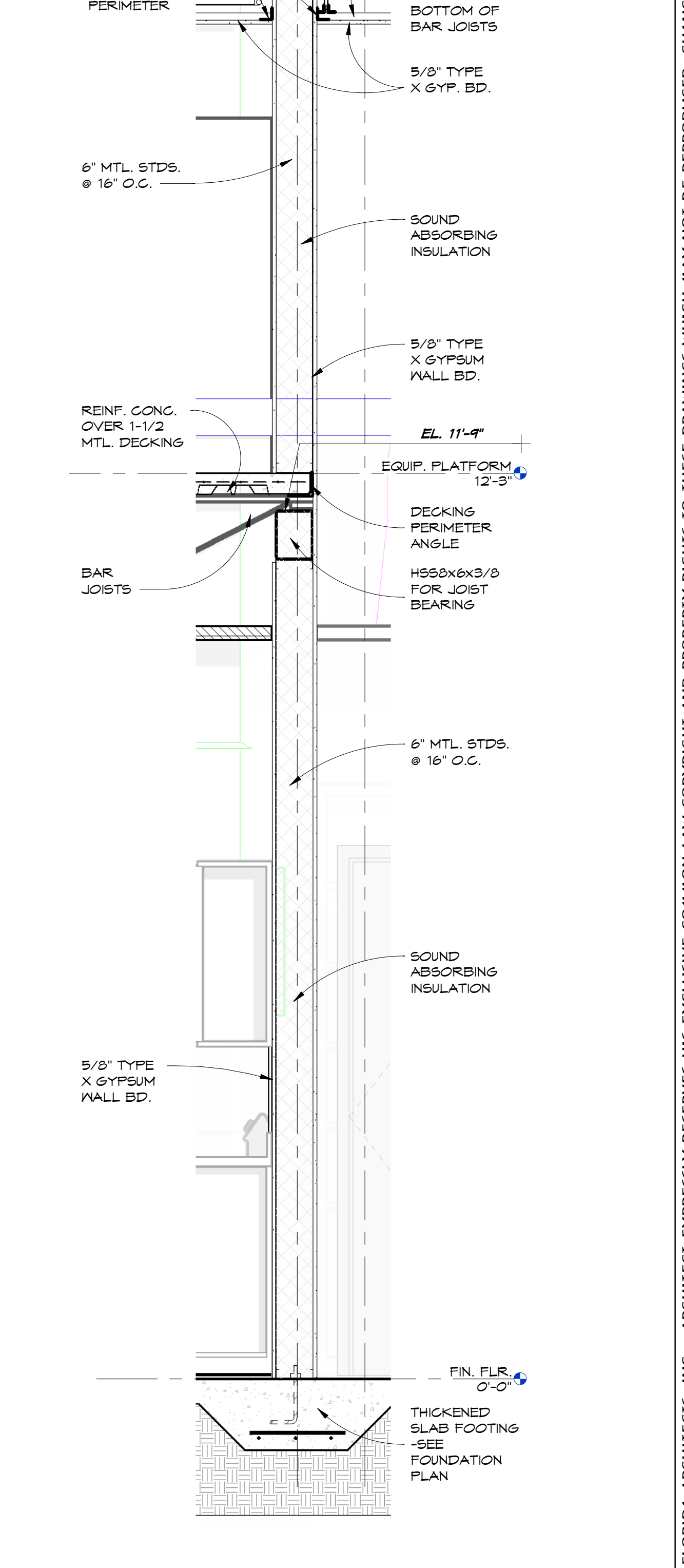
SECTION - SANCTUARY SIDE WALL
 3/4" = 1'-0"



SECTION - OVERHANG
 3/4" = 1'-0"

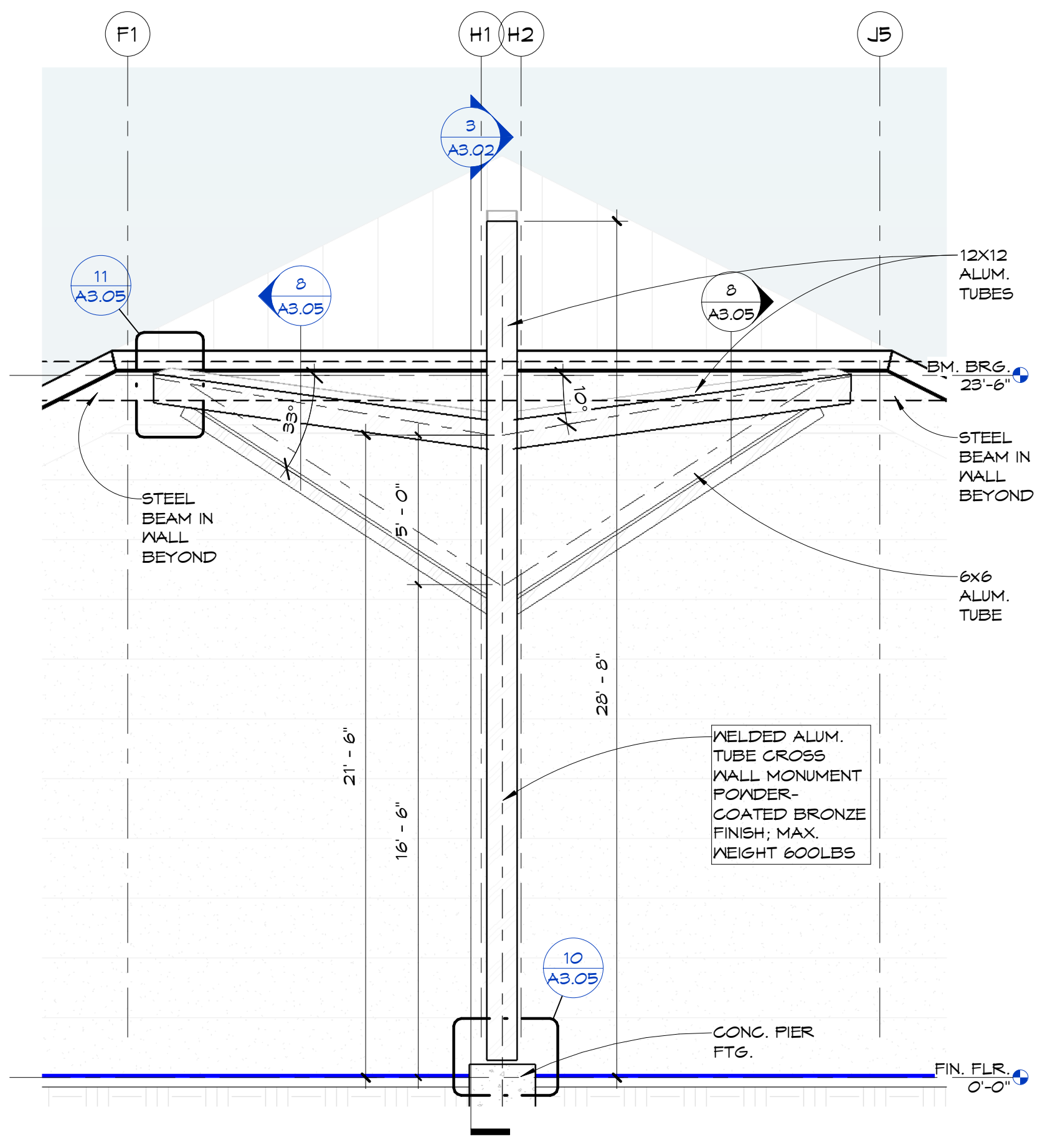


SECTION - LOW WALL
 3/4" = 1'-0"

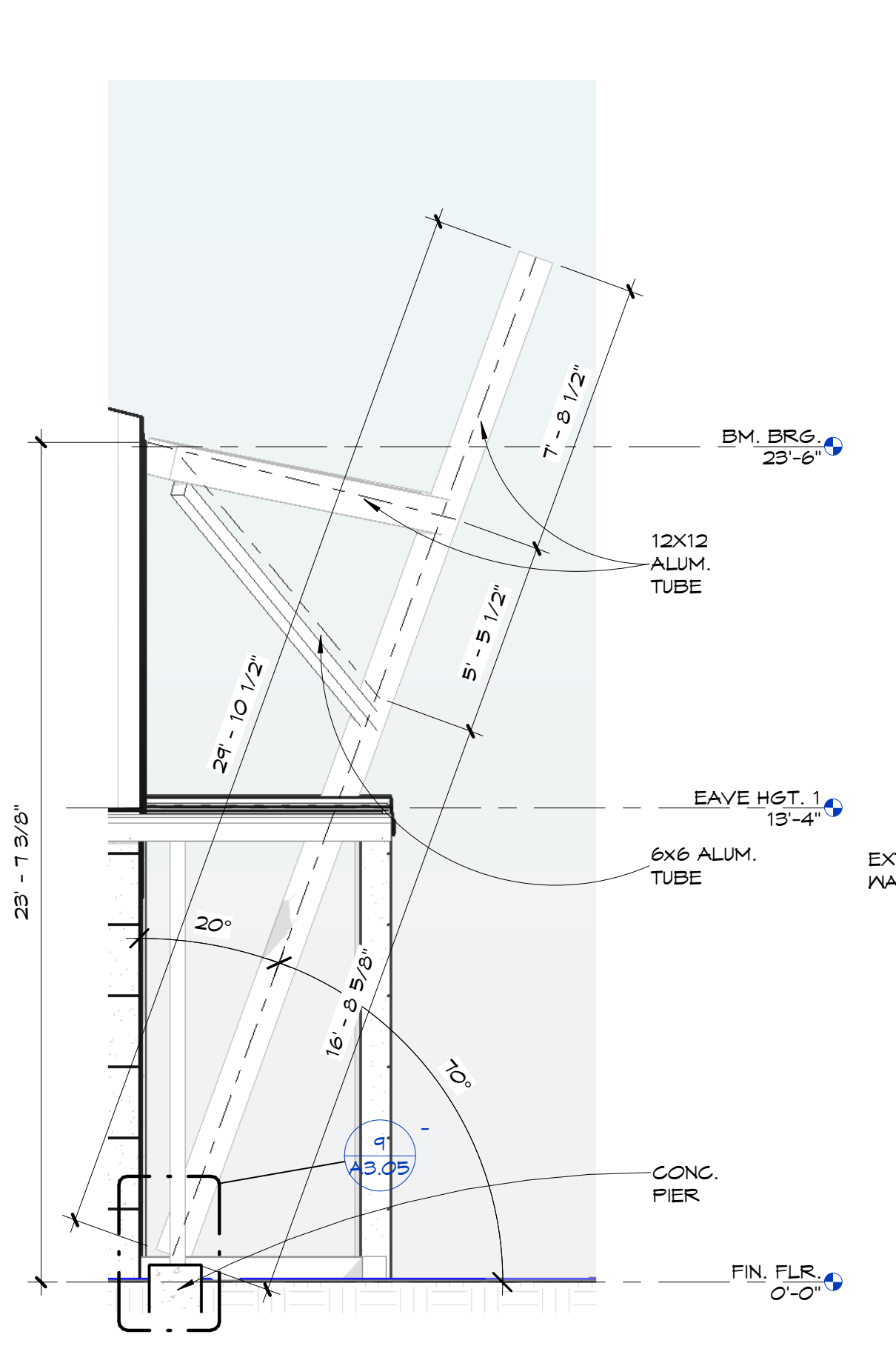


SECTION THRU EQUIP. PLATFORM
 3/4" = 1'-0"

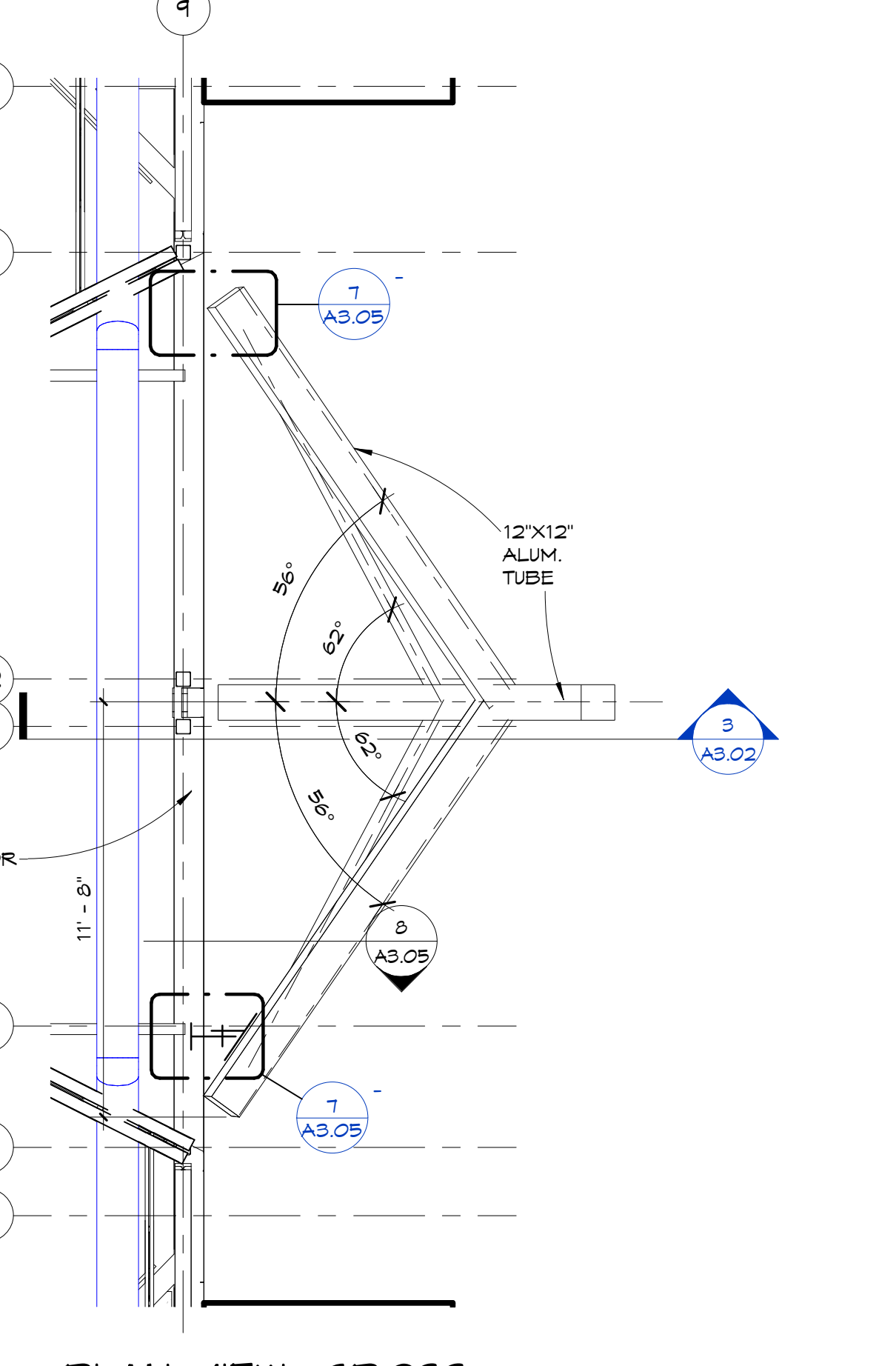
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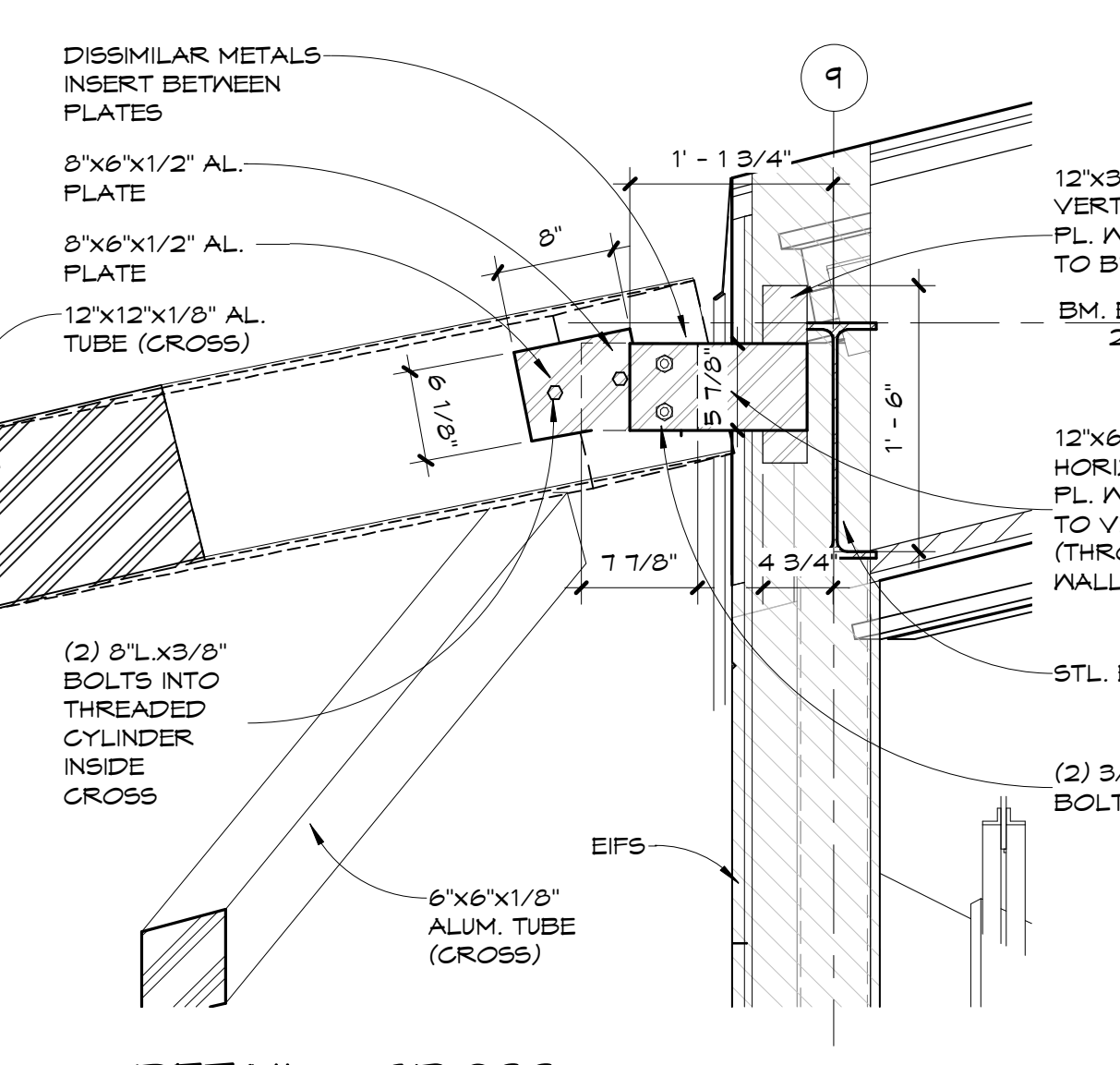
1 ELEVATION VIEW - CROSS
1/4" = 1'-0"



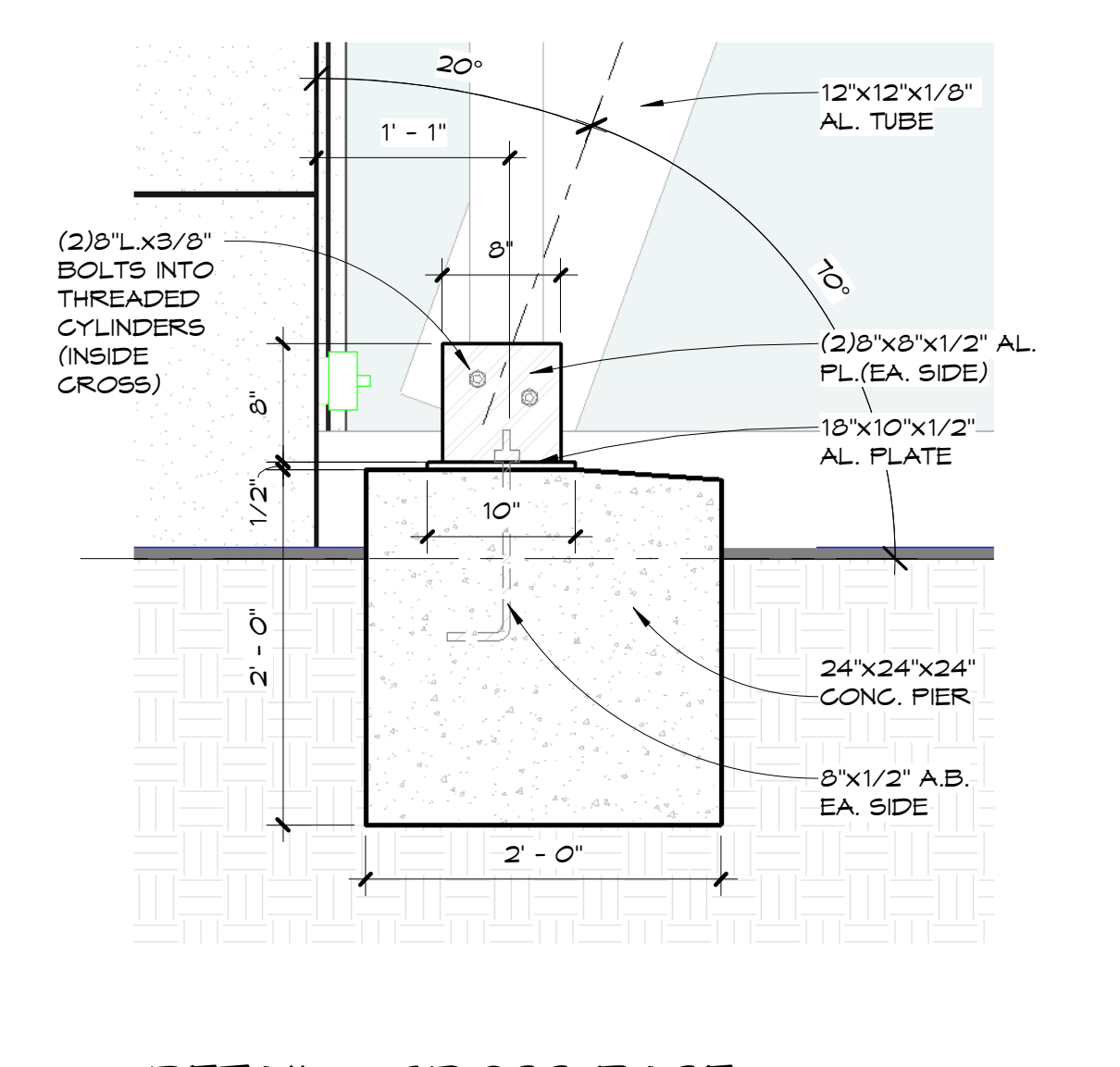
3 SIDE VIEW - CROSS
1/4" = 1'-0"



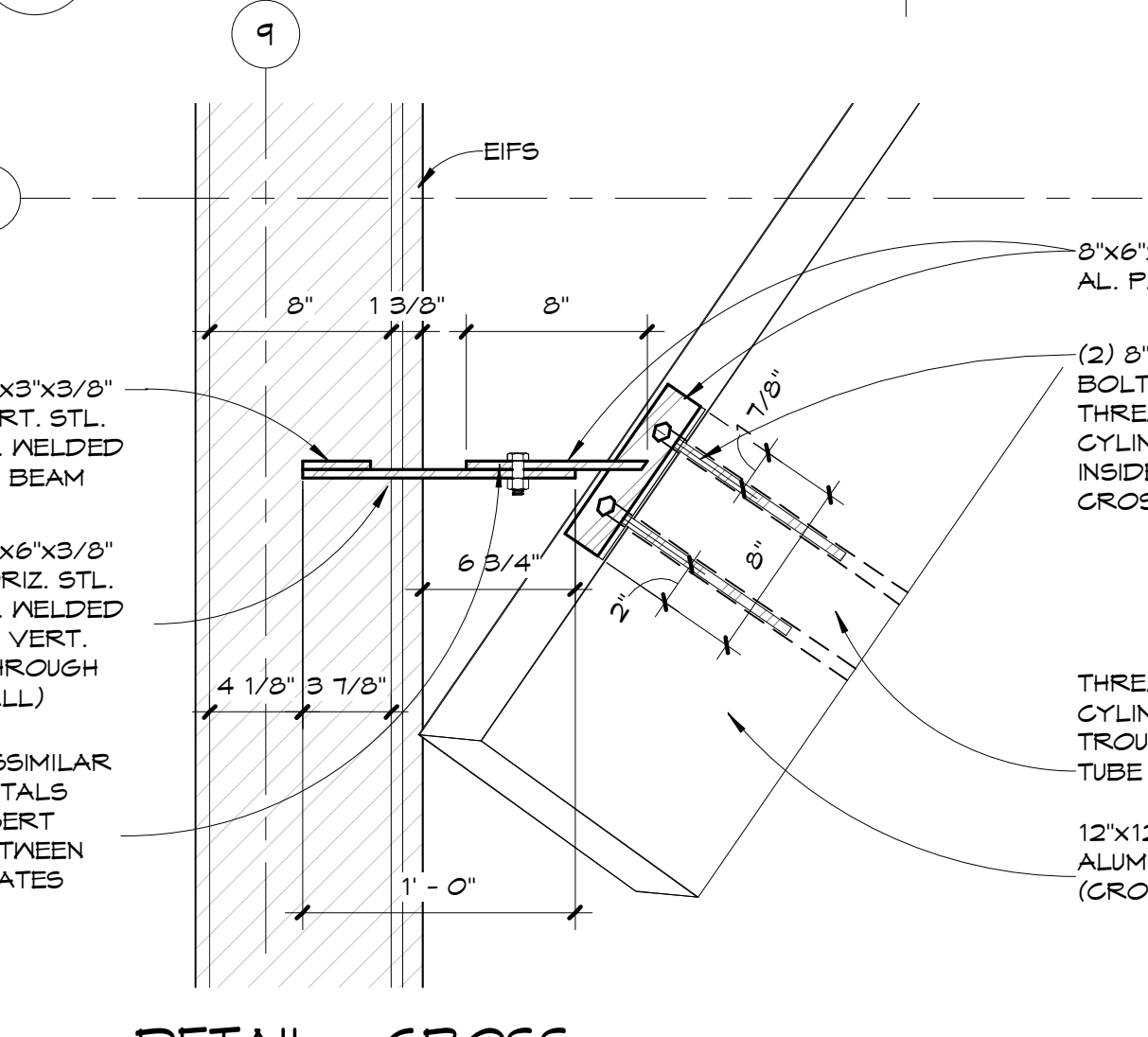
2 PLAN VIEW - CROSS
1/4" = 1'-0"



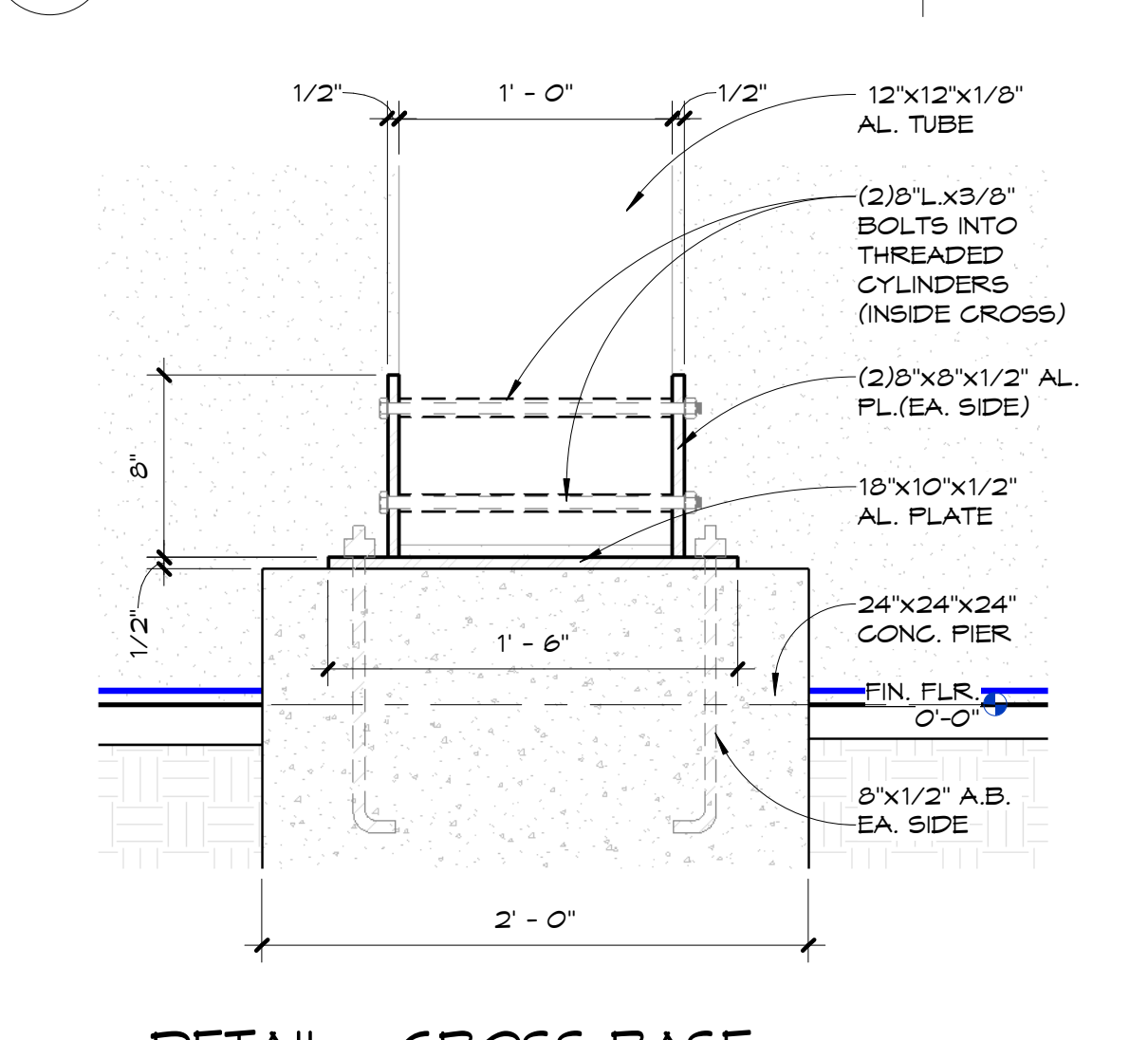
DETAIL - CROSS ATTACHMENT - SECTION
1" = 1'-0"



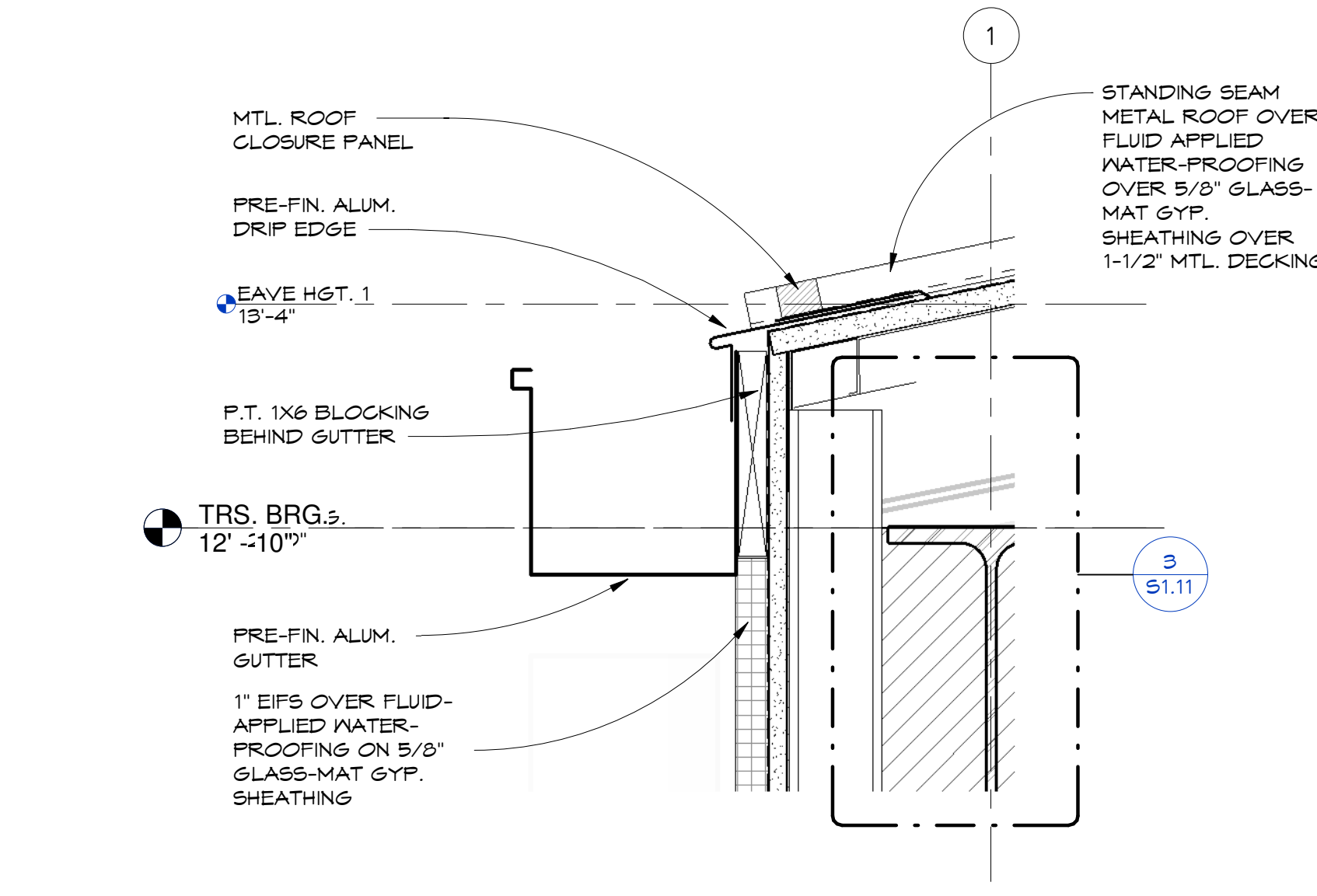
DETAIL - CROSS BASE ATTACHMENT
1" = 1'-0"



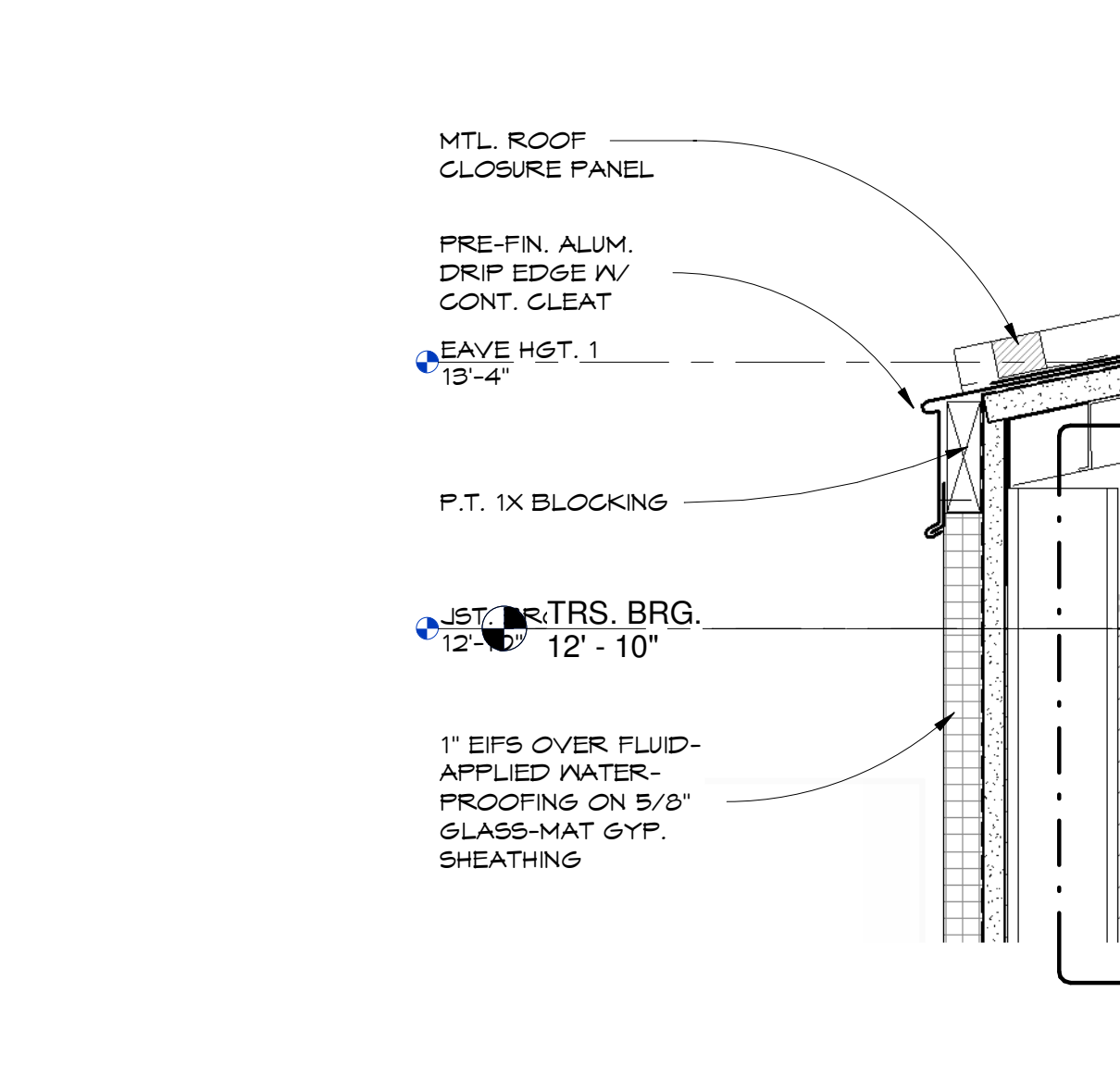
DETAIL - CROSS ATTACHMENT - PLAN
1 1/2" = 1'-0"



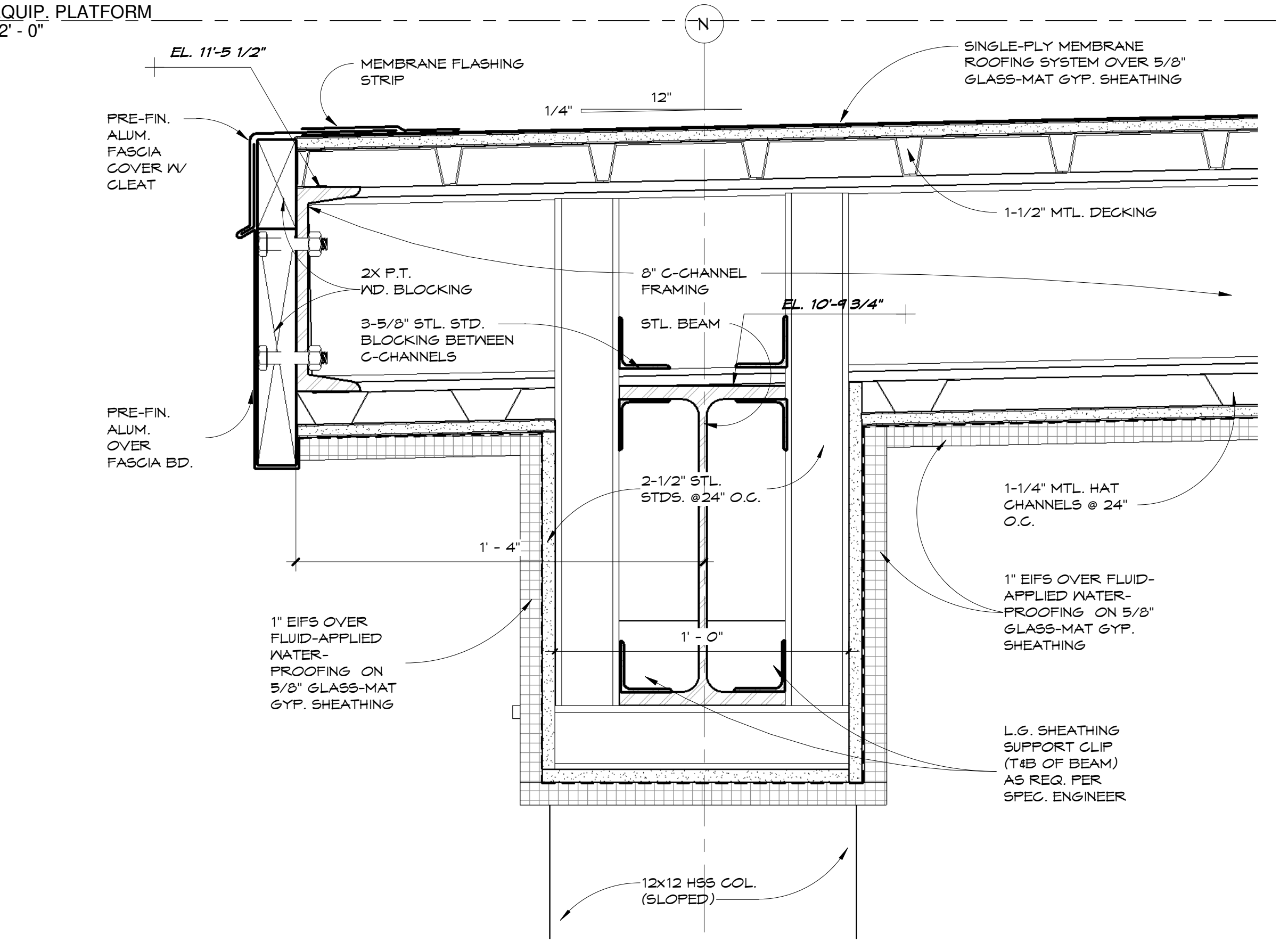
DETAIL - CROSS BASE ATTACHMENT - FRONT
1 1/2" = 1'-0"



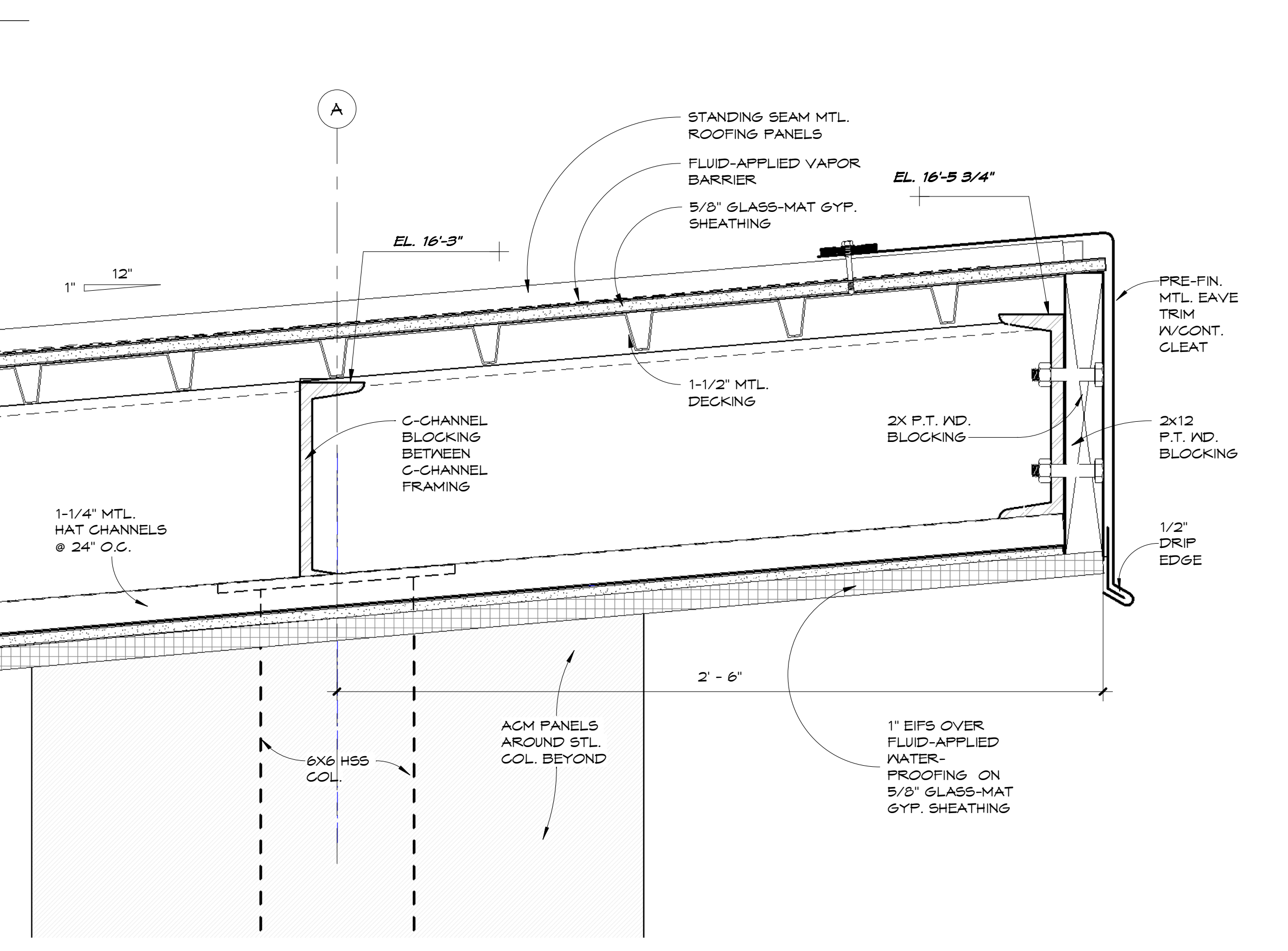
12 DETAIL - GUTTER
3" = 1'-0"



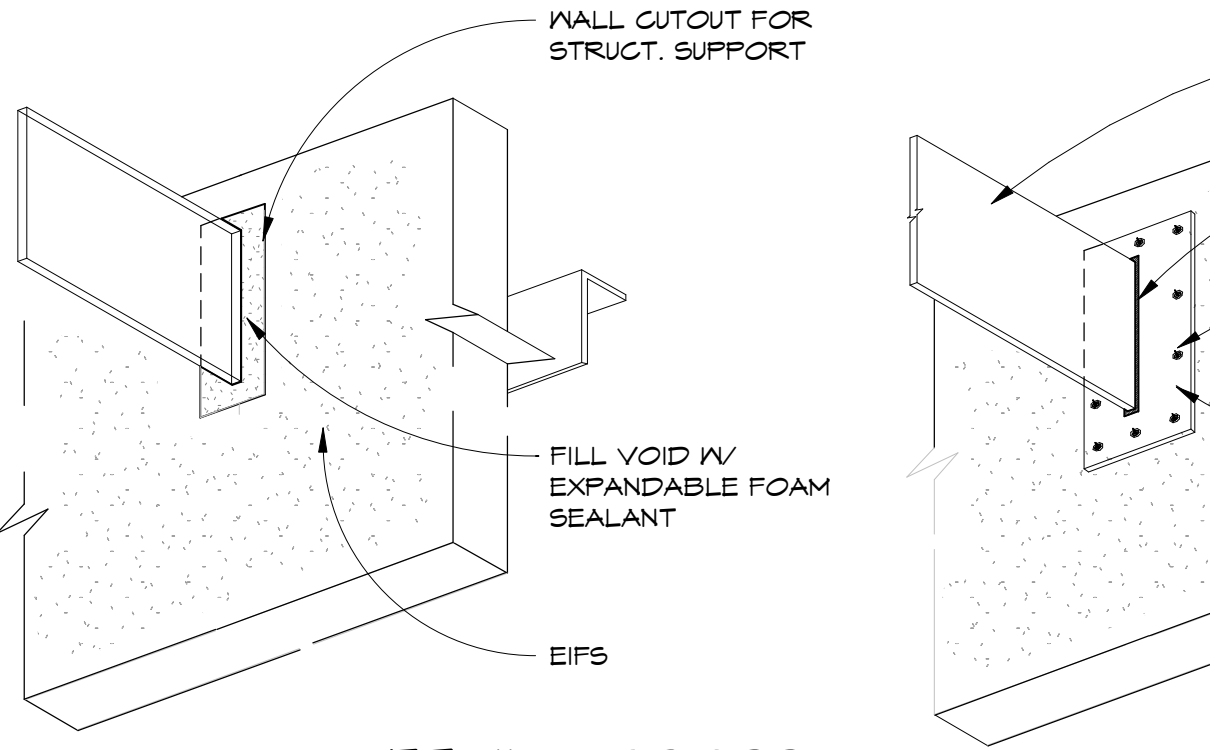
13 DETAIL - EAVE
3" = 1'-0"



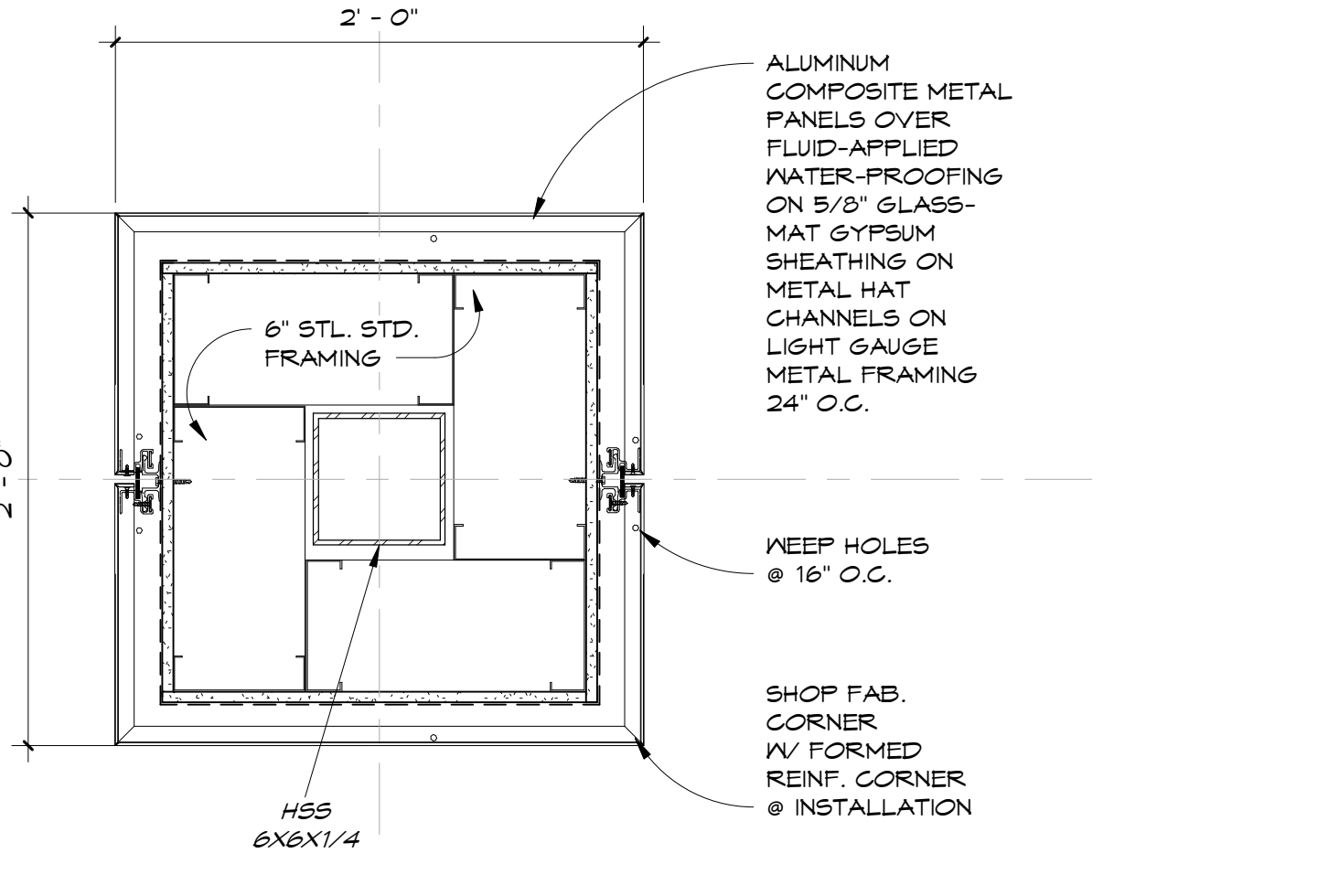
4 SECTION THRU CANOPY (NORTH)
3" = 1'-0"



5 SECTION THRU PORCH COLUMNS (SOUTH)
3" = 1'-0"

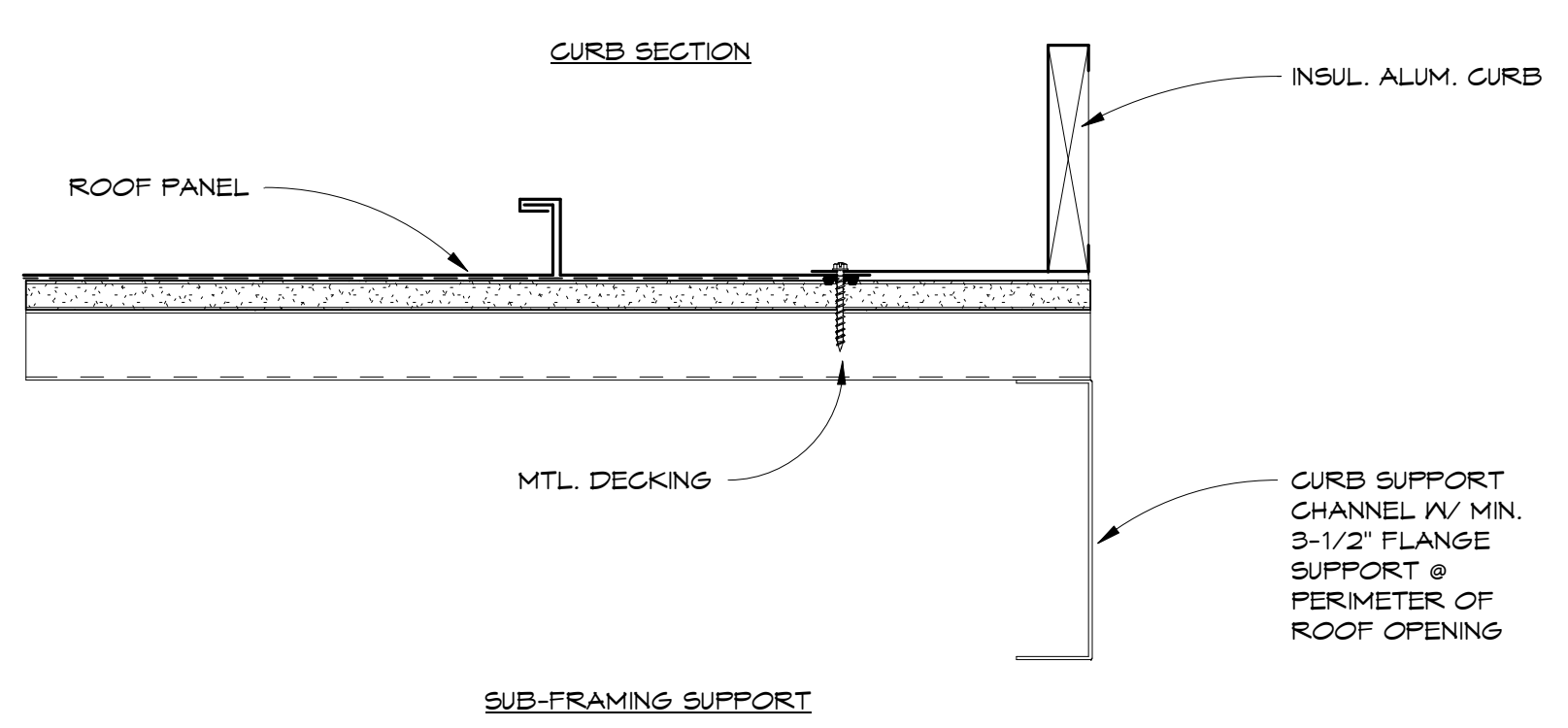
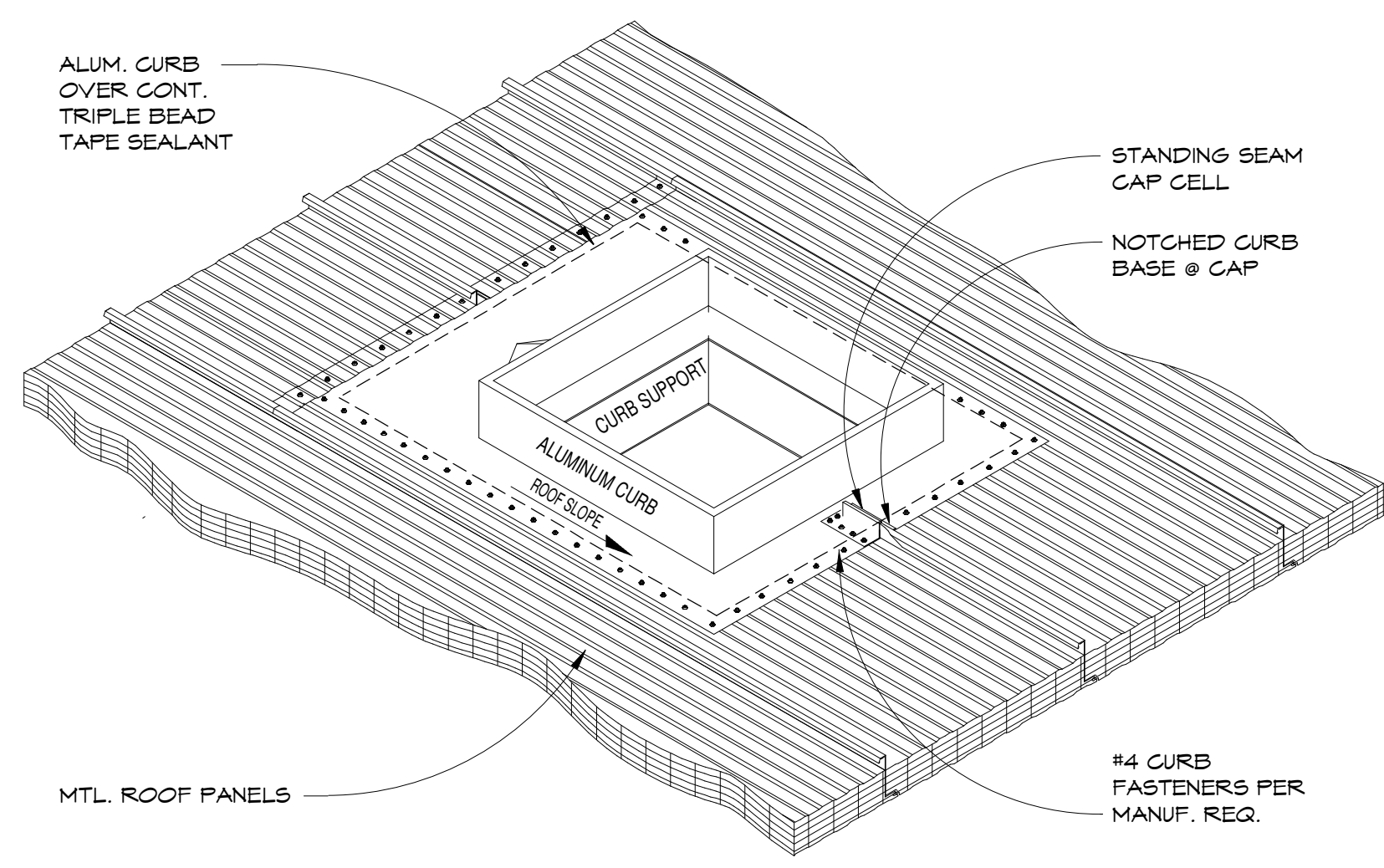


DETAIL - CROSS SUPPORT / INP
3" = 1'-0"

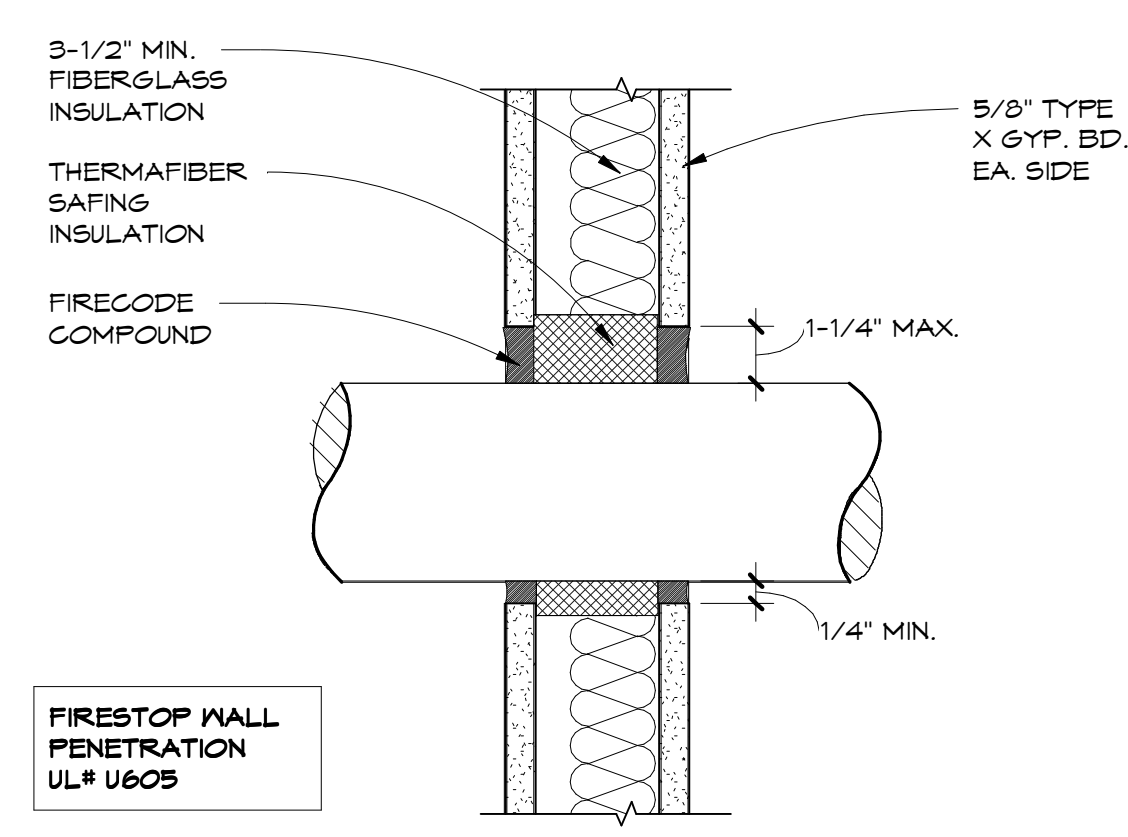
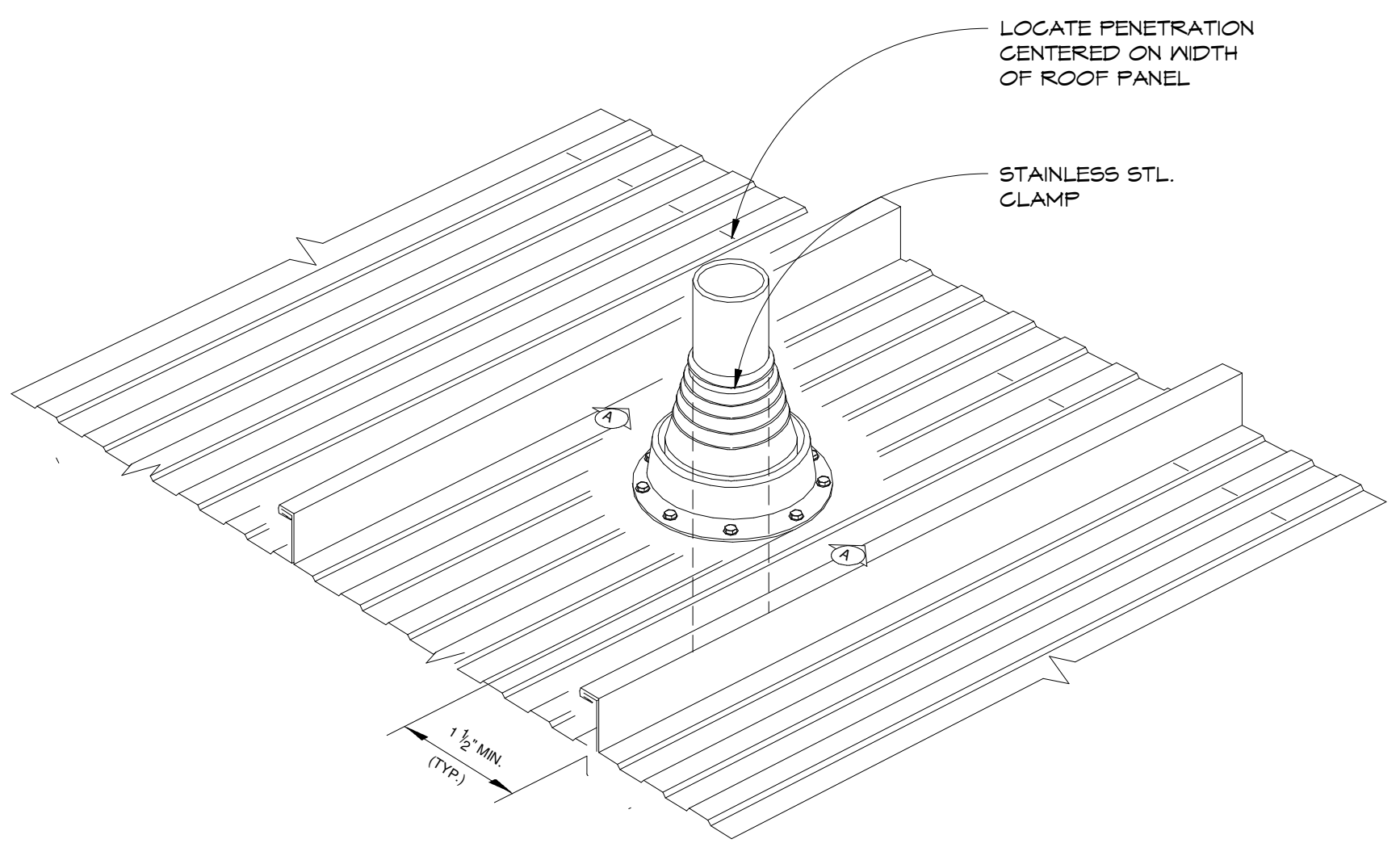


DETAIL - ACM / COLS.
1 1/2" = 1'-0"

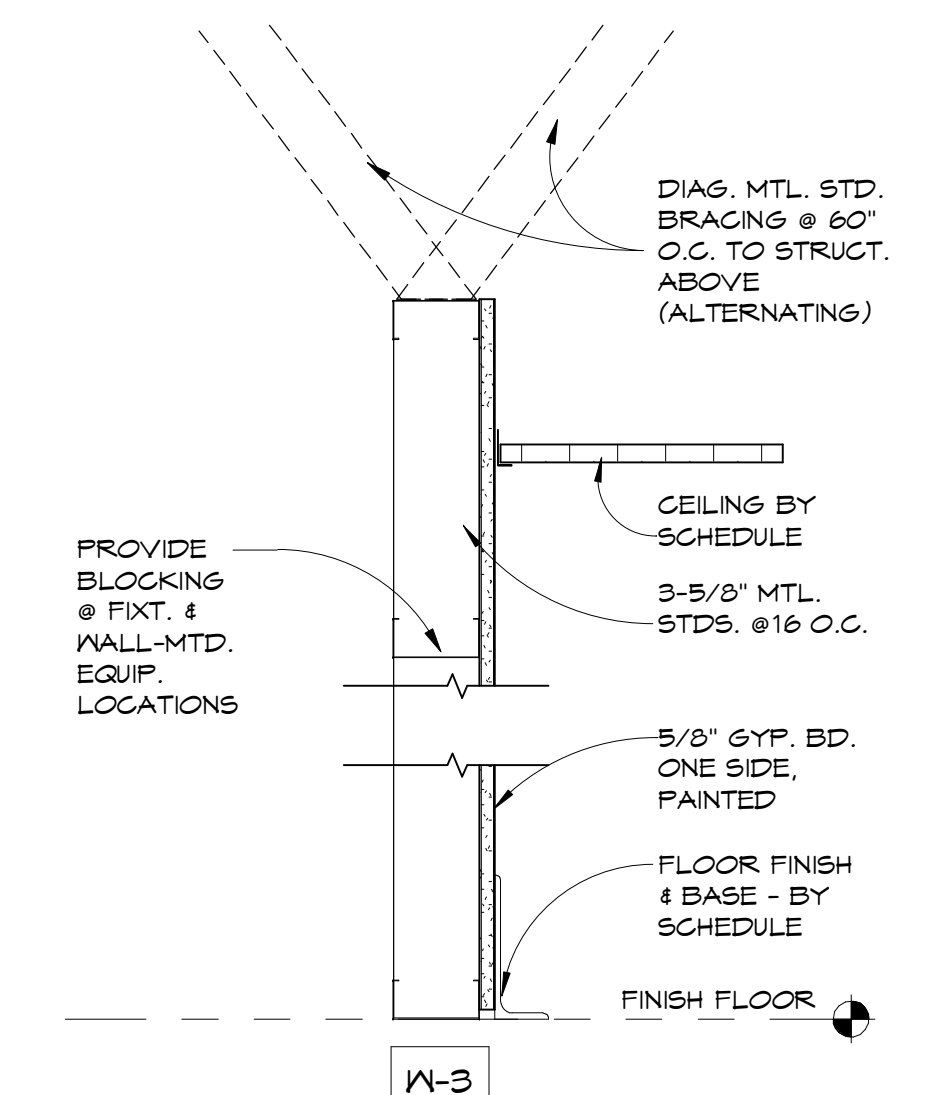
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1 ROOF DETAIL - EQUIP. CURB
A4.02 3' = 1'-0"

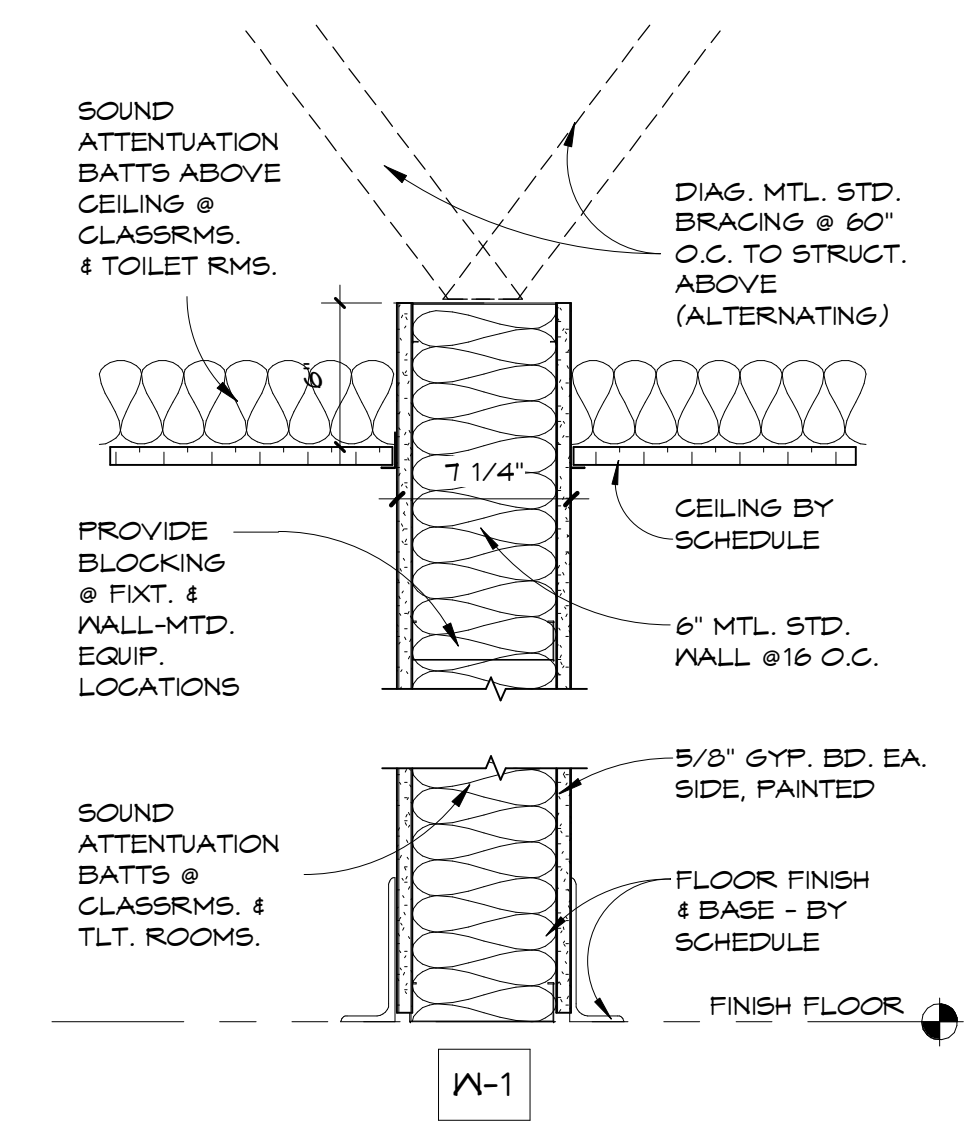


FIRESTOP WALL PENETRATION UL# U605

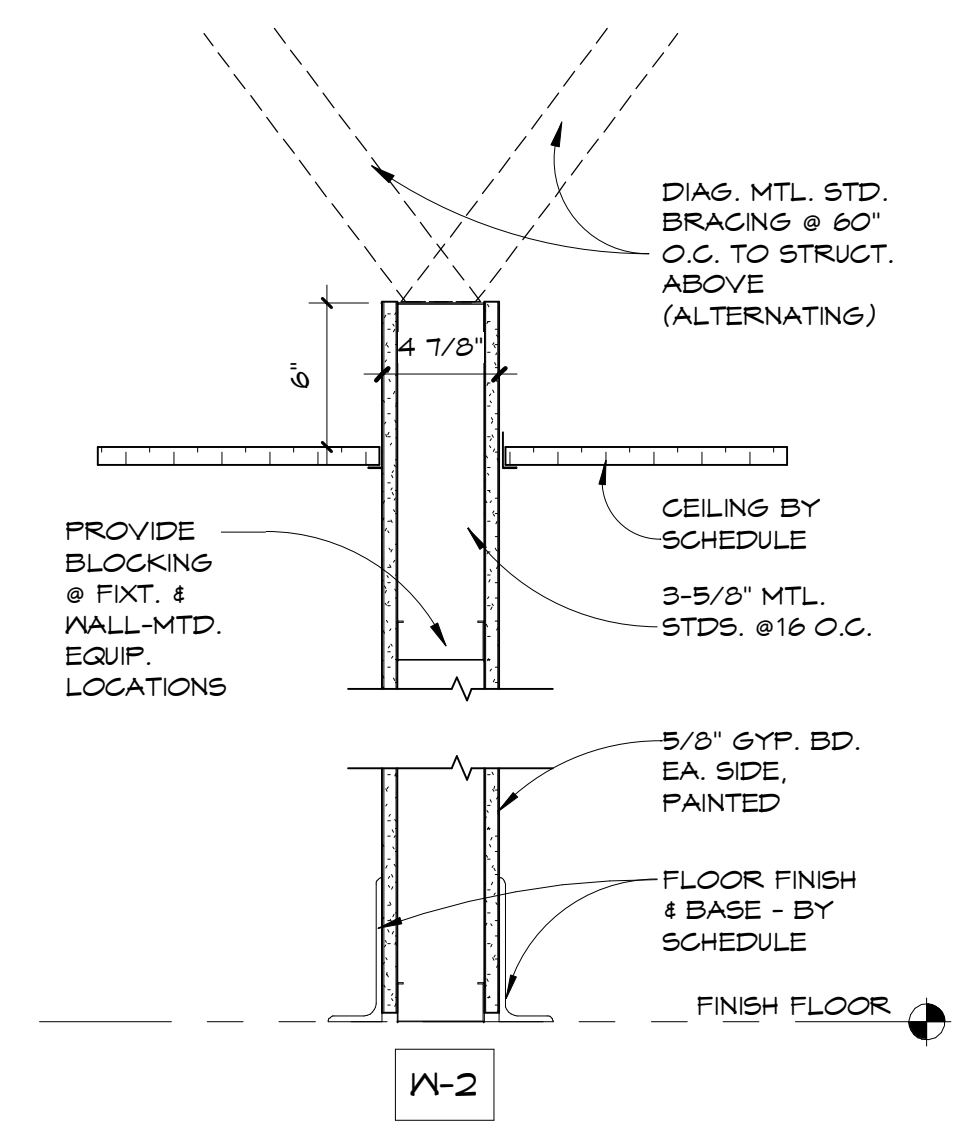


W-3

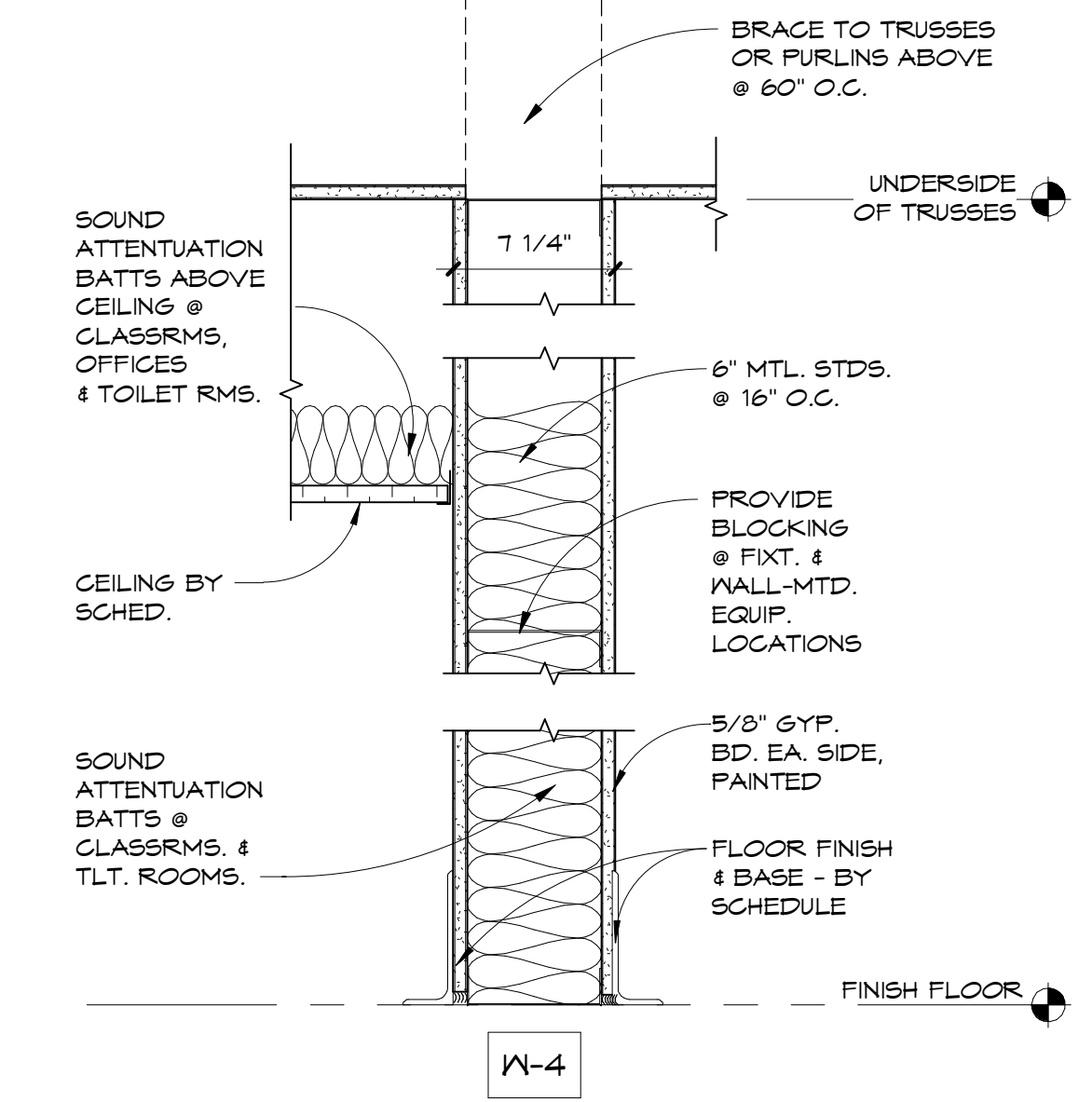
INTERIOR WALL TYPES 1 1/2" = 1'-0"



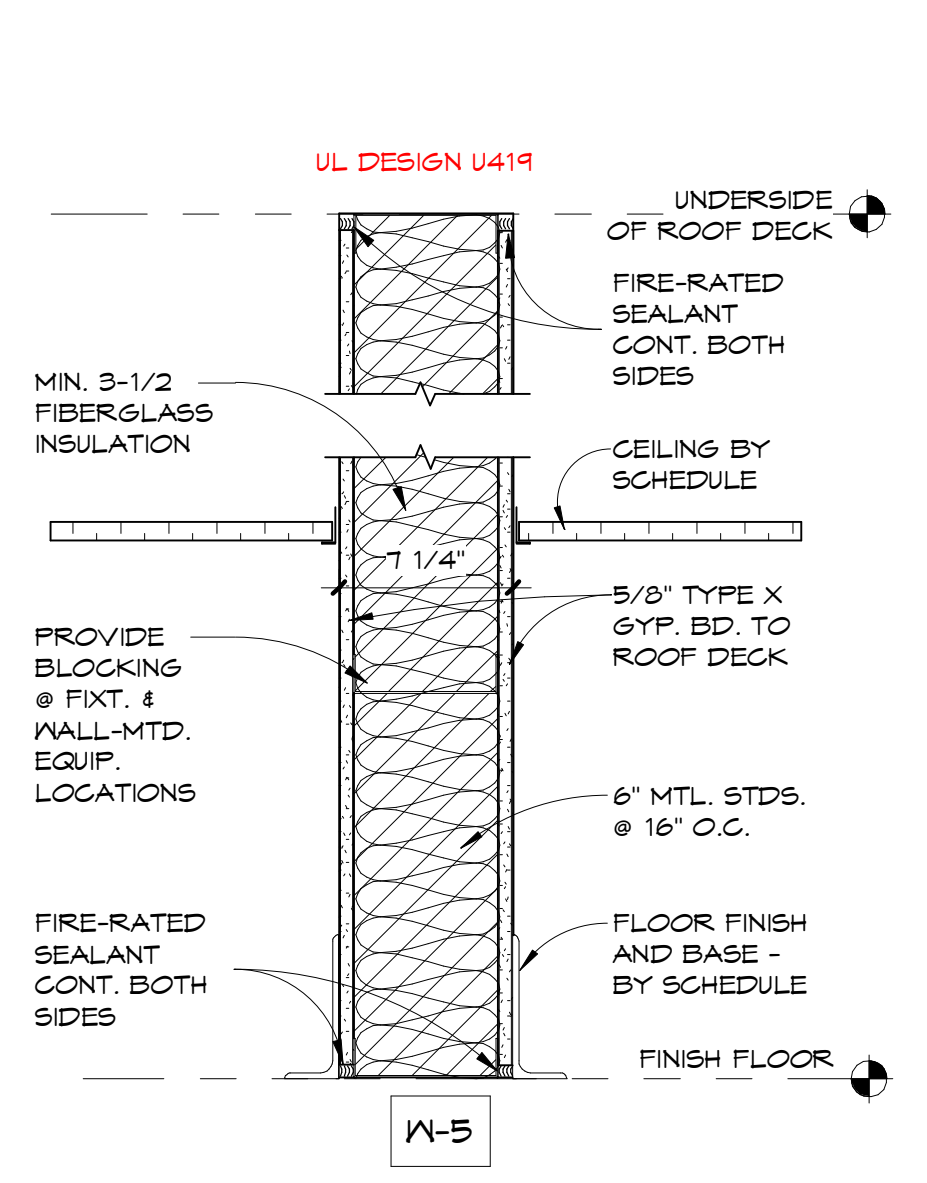
W-1



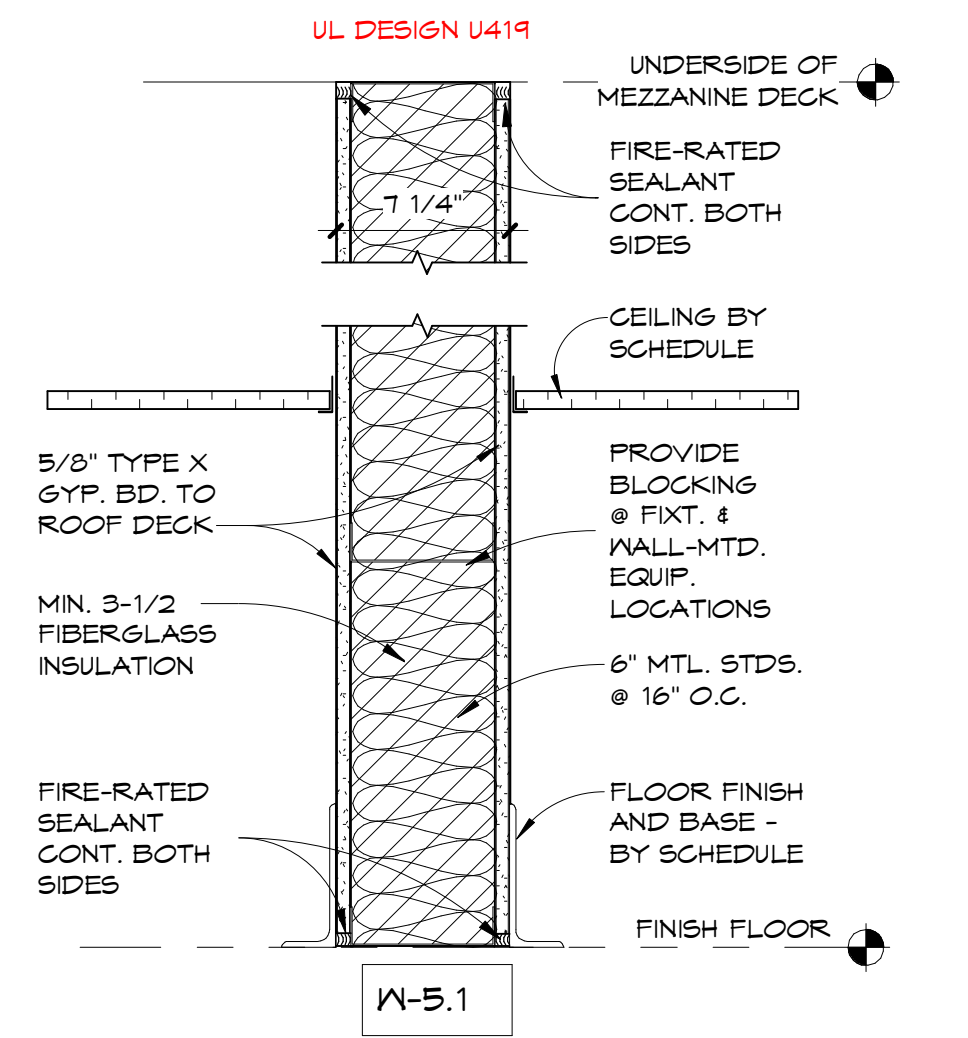
W-2



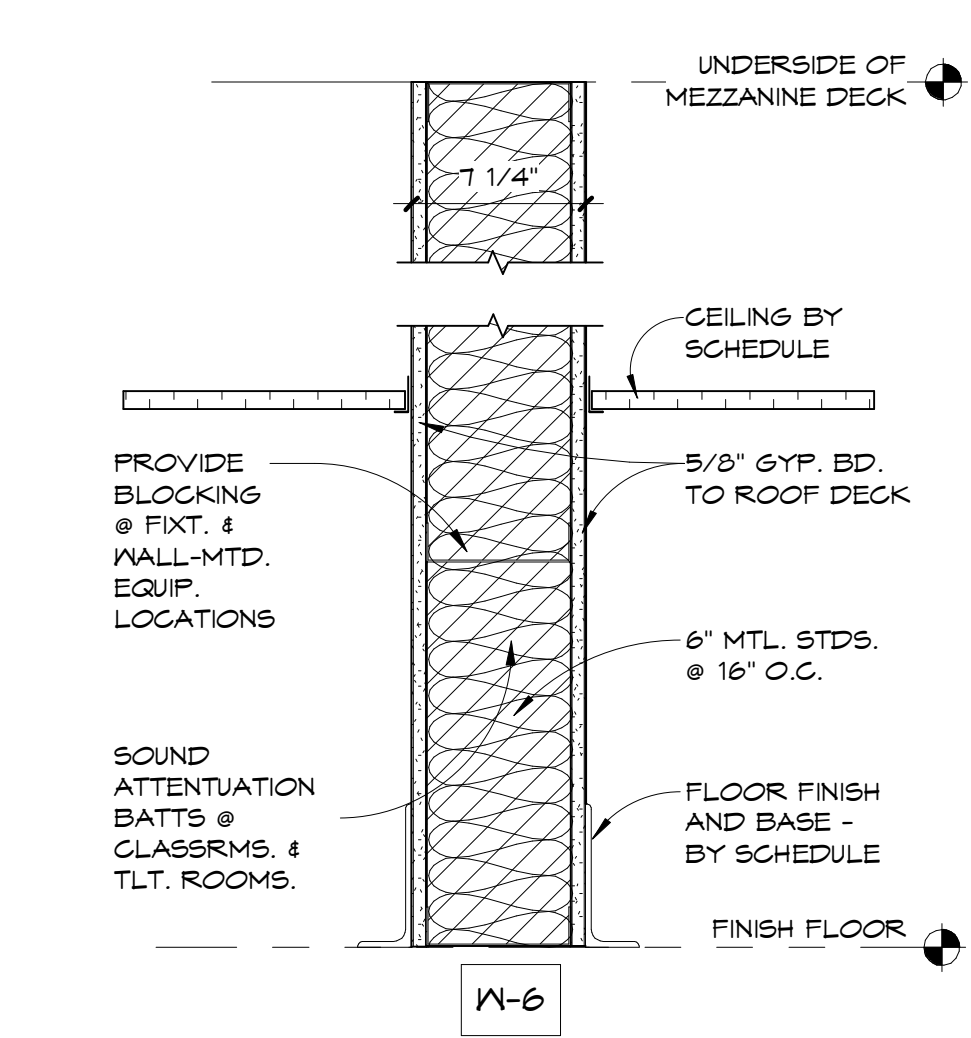
W-4



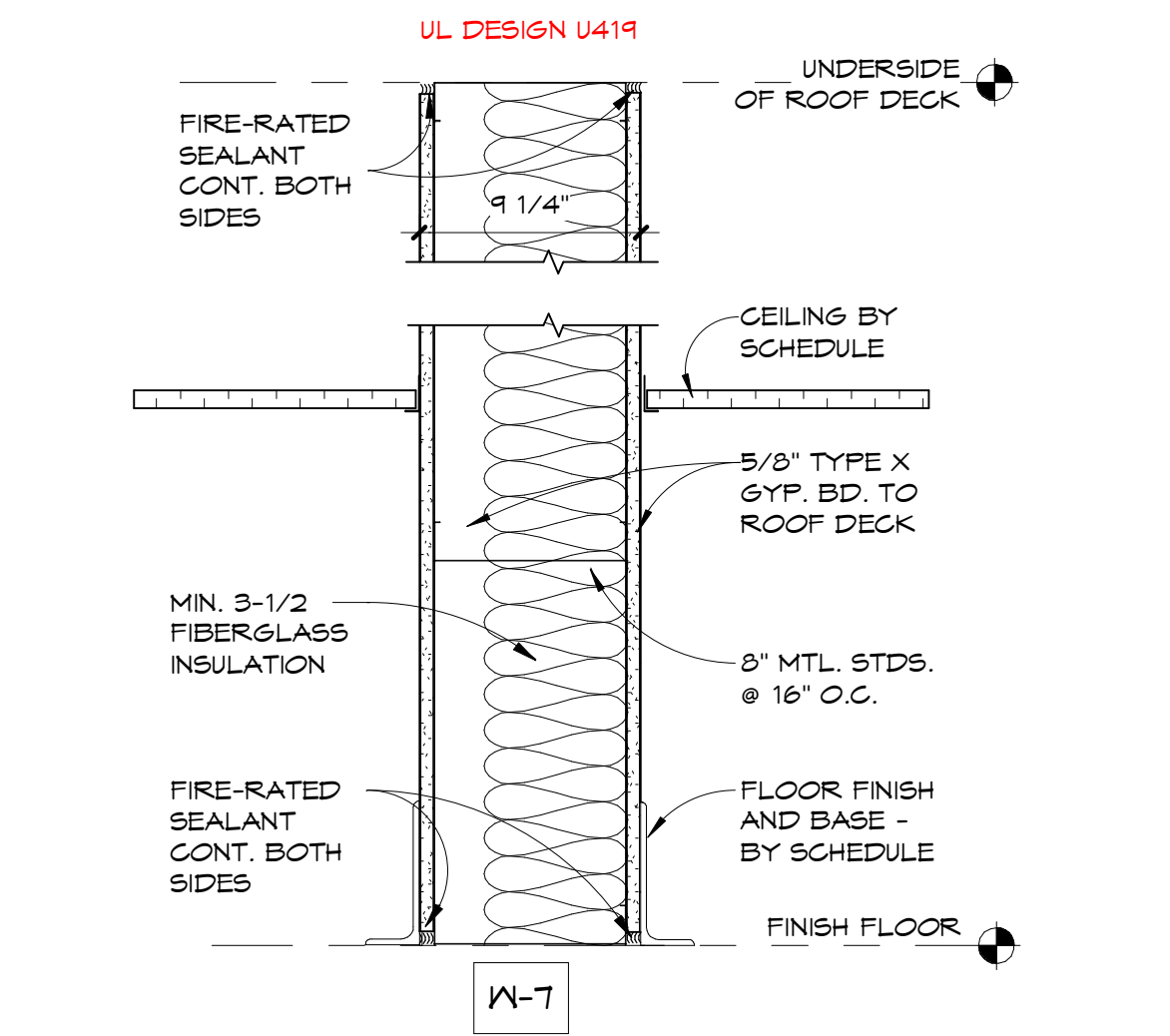
W-5



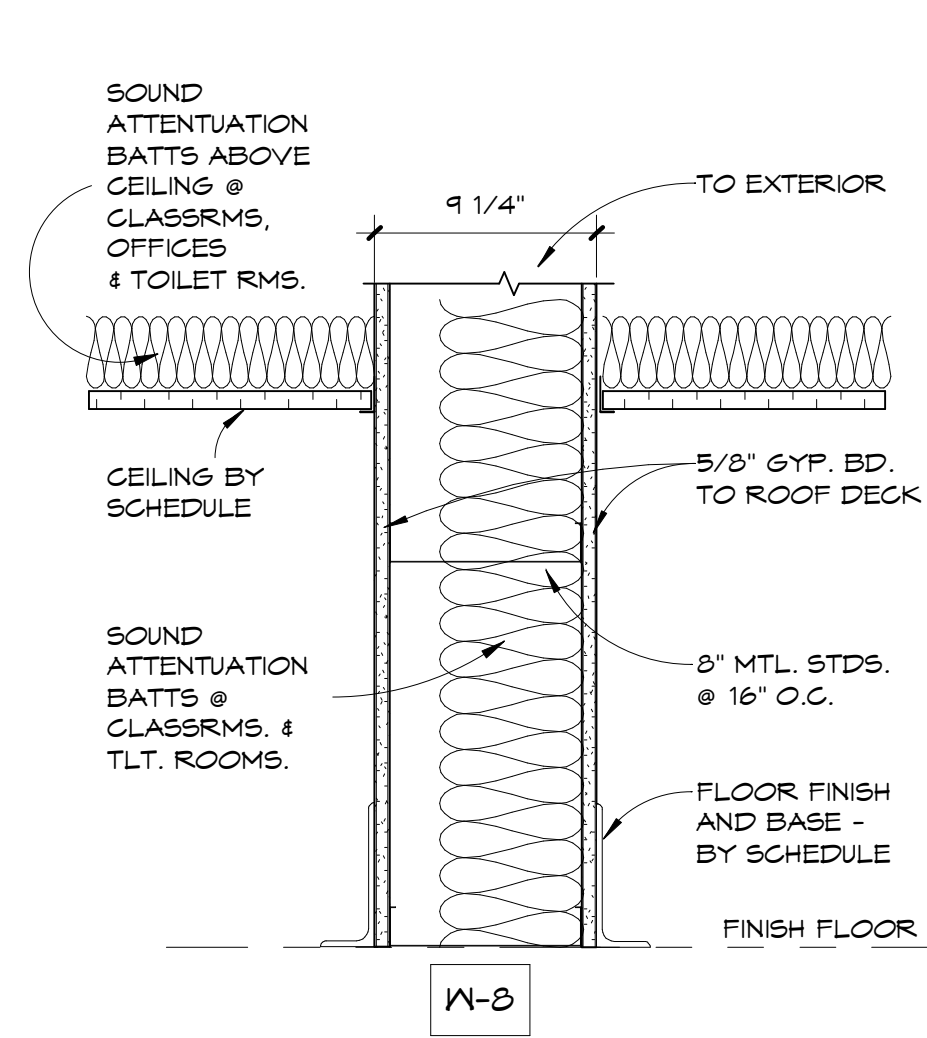
W-5.1



W-6



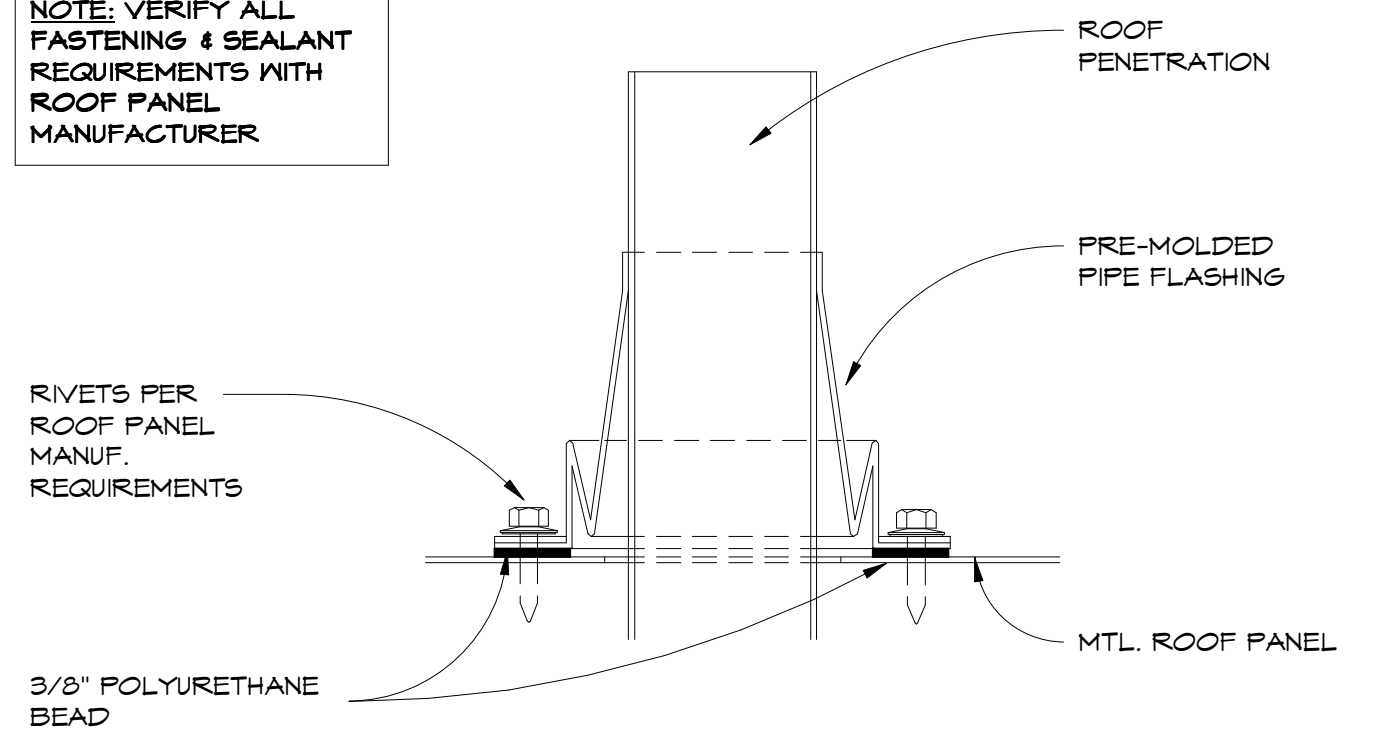
W-7



W-8

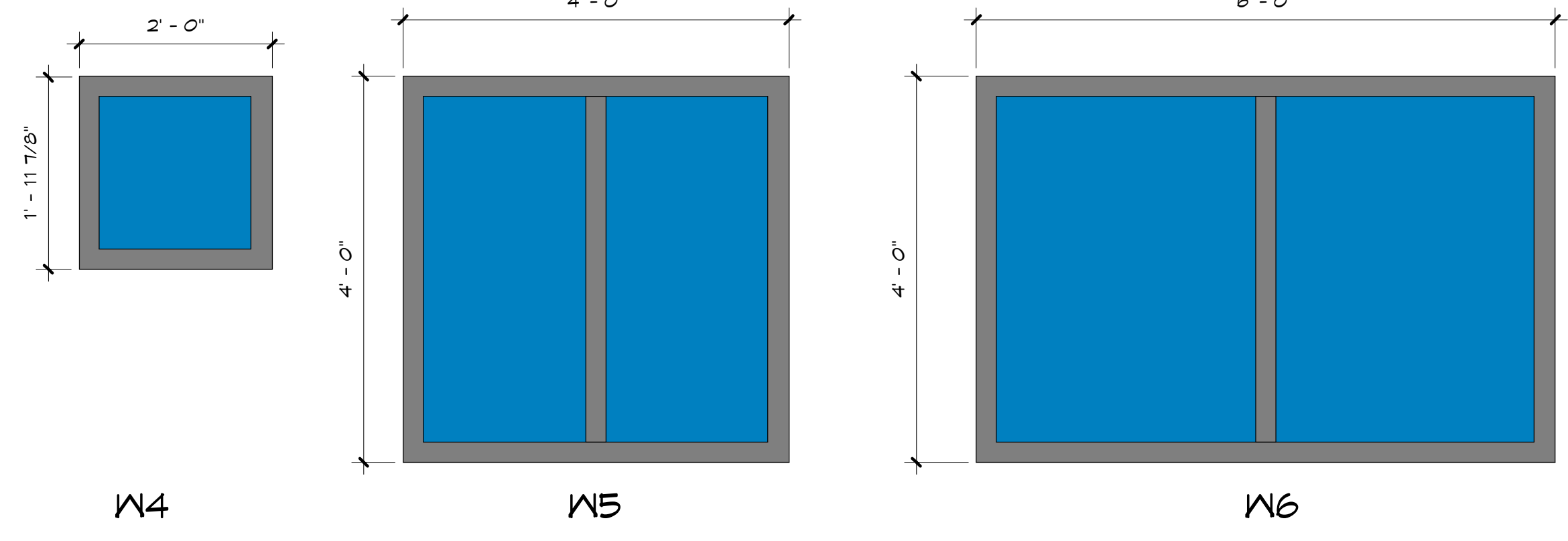
NOTE: VERIFY ALL FASTENING & SEALANT REQUIREMENTS WITH ROOF PANEL MANUFACTURER

NOTE: DO NOT INSTALL BOOT OVER PANEL RIBS



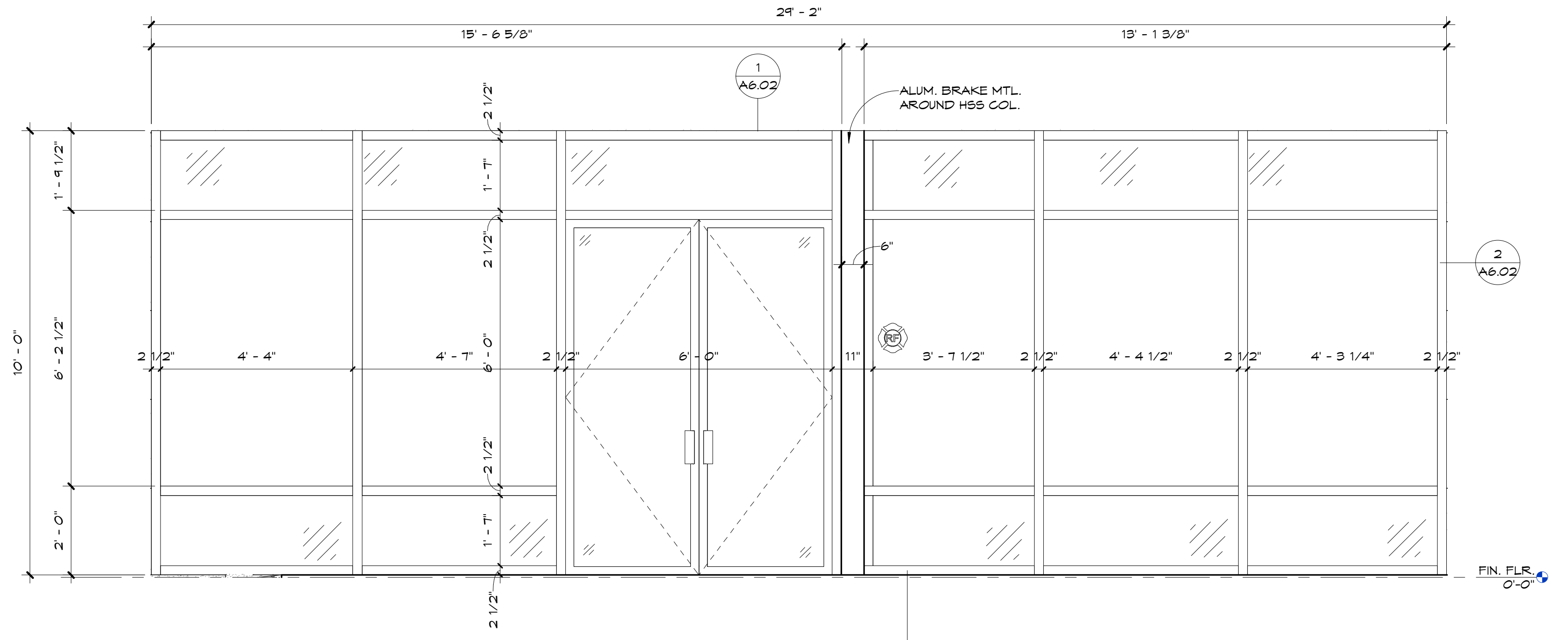
2 ROOF DETAIL - PIPE FLASHING
A4.02 3' = 1'-0"

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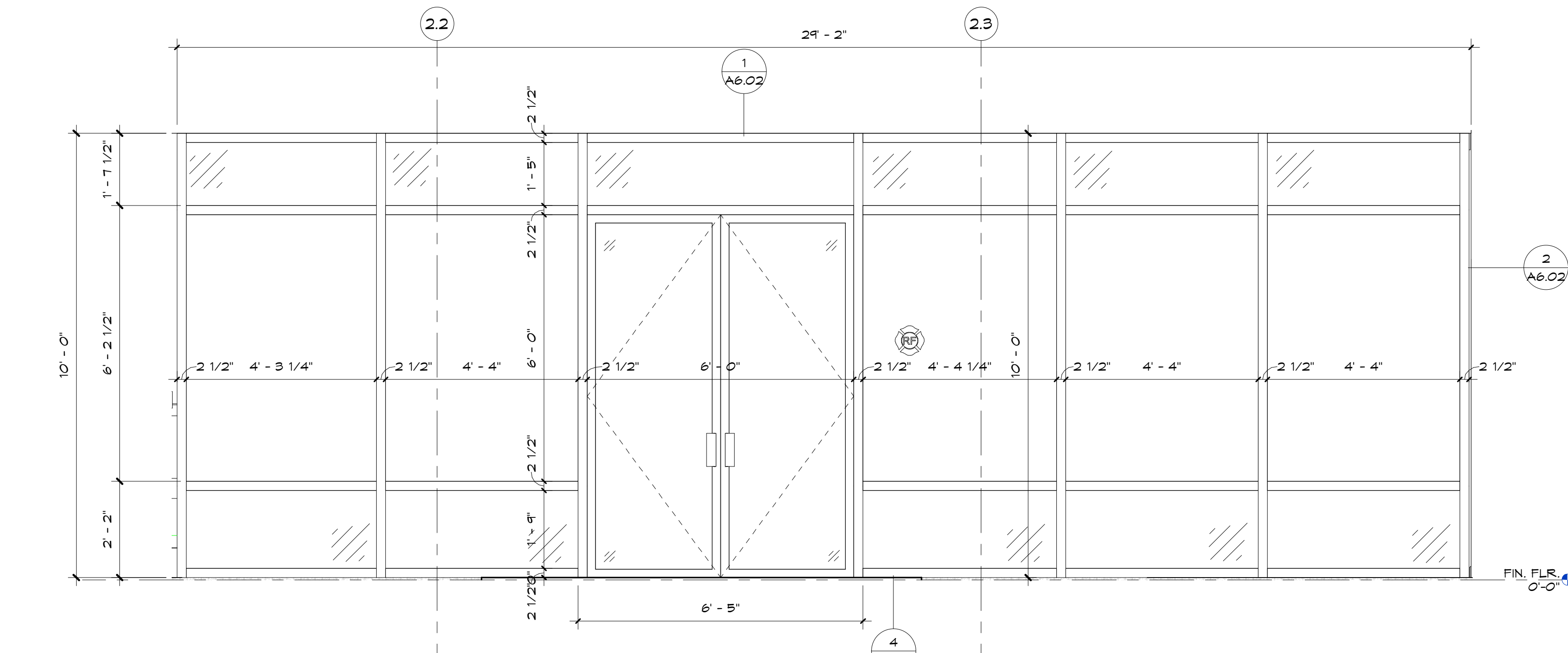


PROVIDE MANUAL ROLLER SHADES AT CLASSROOM AND NURSERY WINDOWS; SEE SPECIFICATION

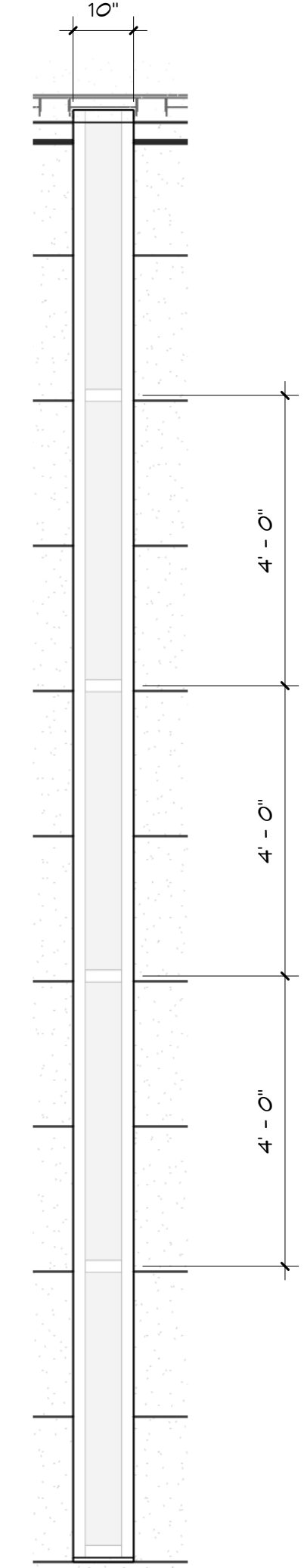
STOREFRONT SCHEDULE									
TYPE MARK	DESCRIPTION	WIDTH	HEIGHT	COUNT	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	BOTTOM OF WINDOW FRAME	LOCATION
W4	FIXED	2' - 0"	2' - 0"	3	1/A6.02	2/A6.02	3/A6.02	8' - 0"	
W5	FIXED	4' - 0"	4' - 0"	1	1/A6.02	2/A6.02	3/A6.02	4' - 0"	
W6	FIXED	6' - 0"	4' - 0"	6	1/A6.02	2/A6.02	3/A6.02	4' - 0"	



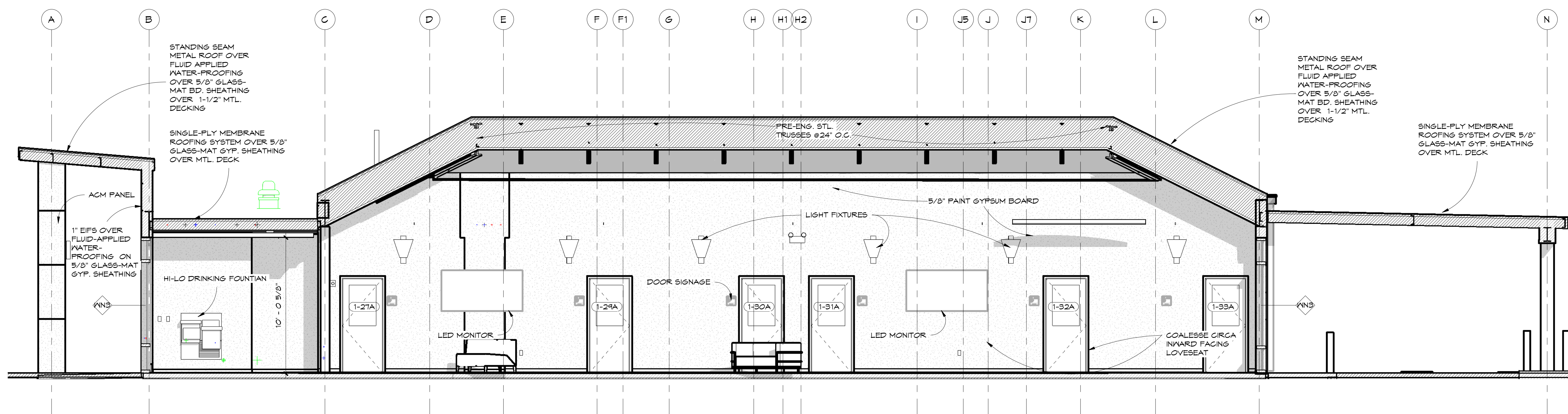
1 BACK ENTRY STOREFRONT WN2 | 1/2" = 1'-0"



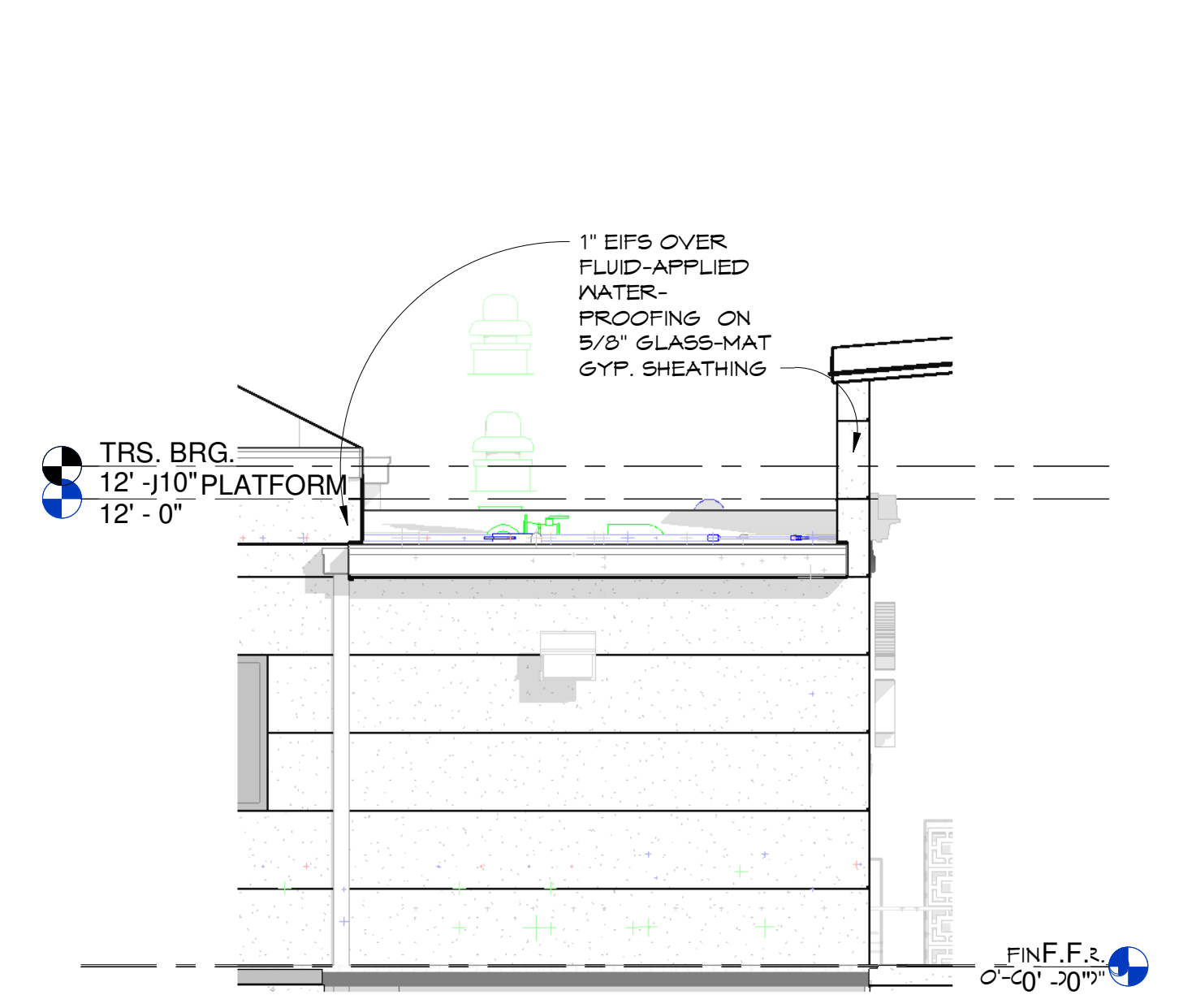
2 FRONT ENTRY STOREFRONT WN3 | 1/2" = 1'-0"



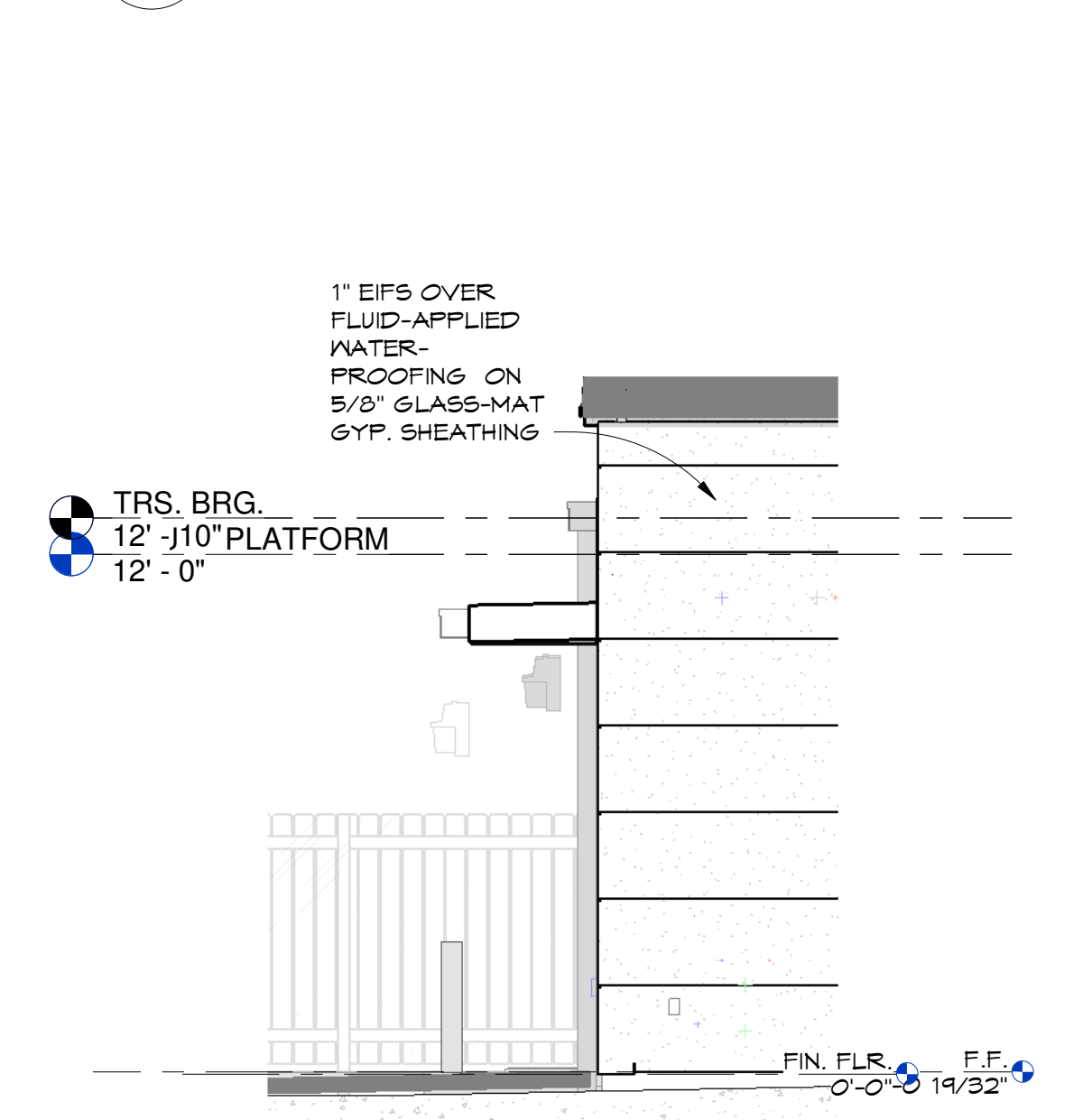
5 STOREFRONT ELEVATION - STAGE WN1 | 1/2" = 1'-0"



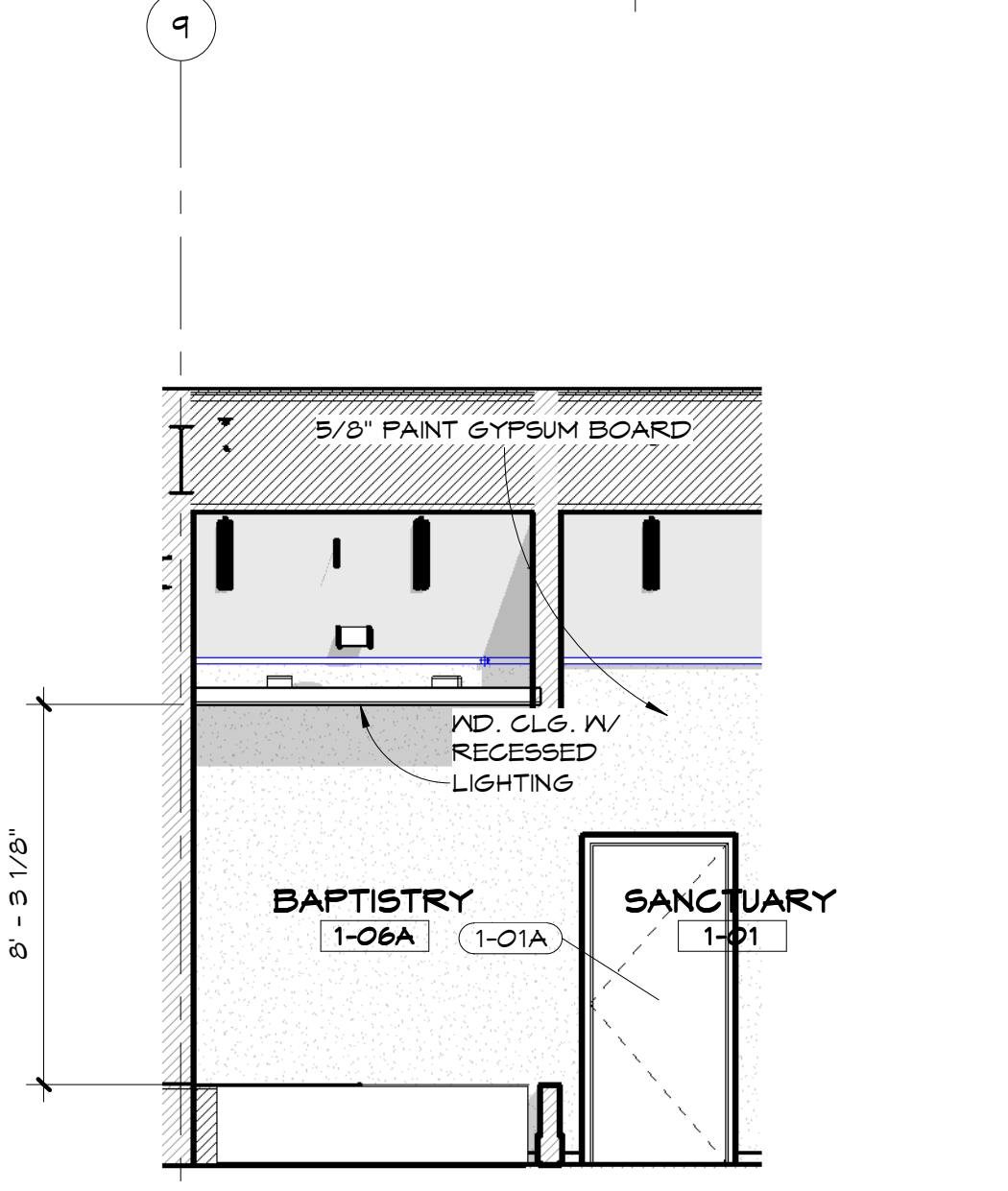
1 FELLOWSHIP HALL-WEST
AS.01 1/4" = 1'-0"



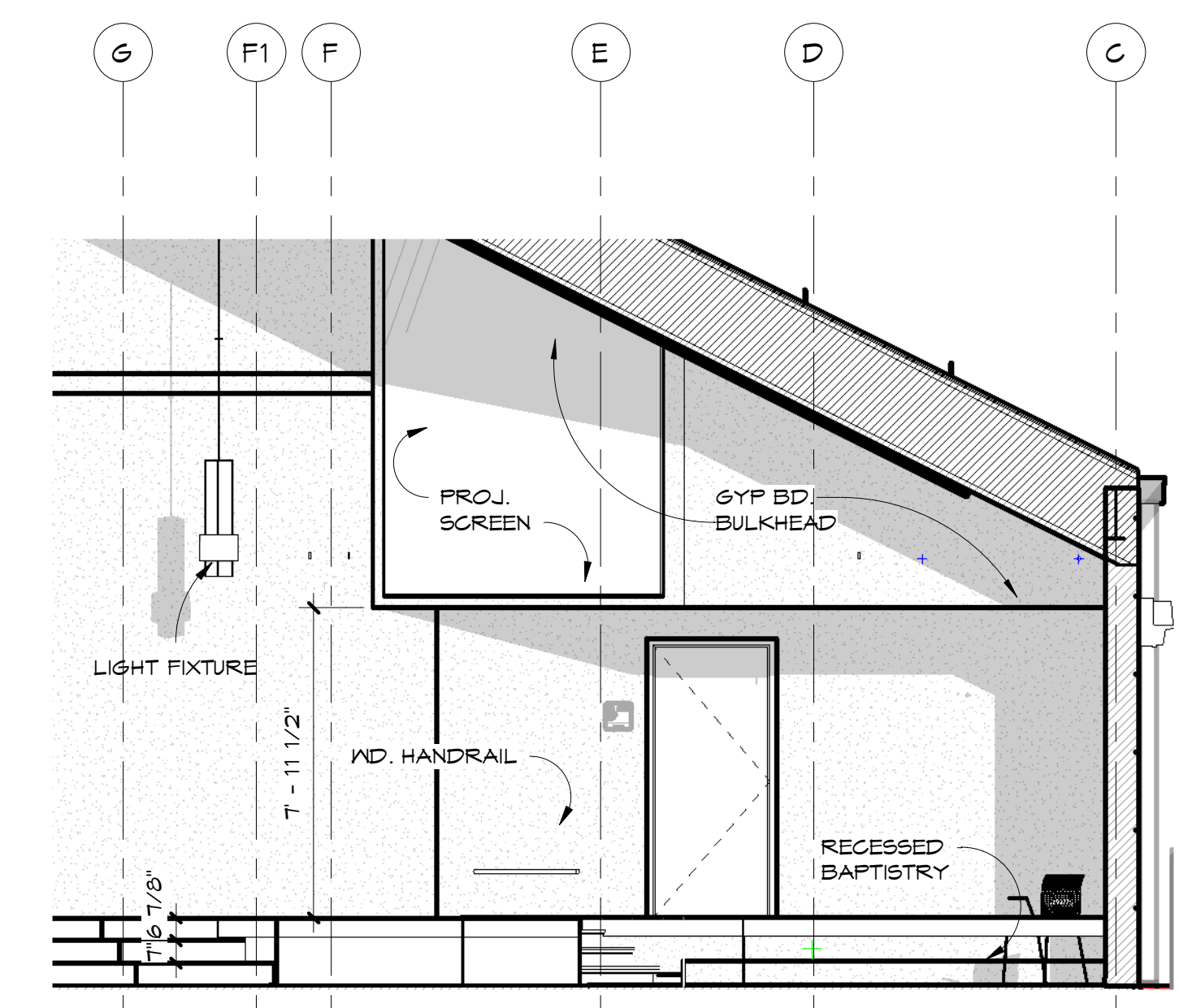
5 FOUNTAIN - FRONT
AS.01 1/4" = 1'-0"



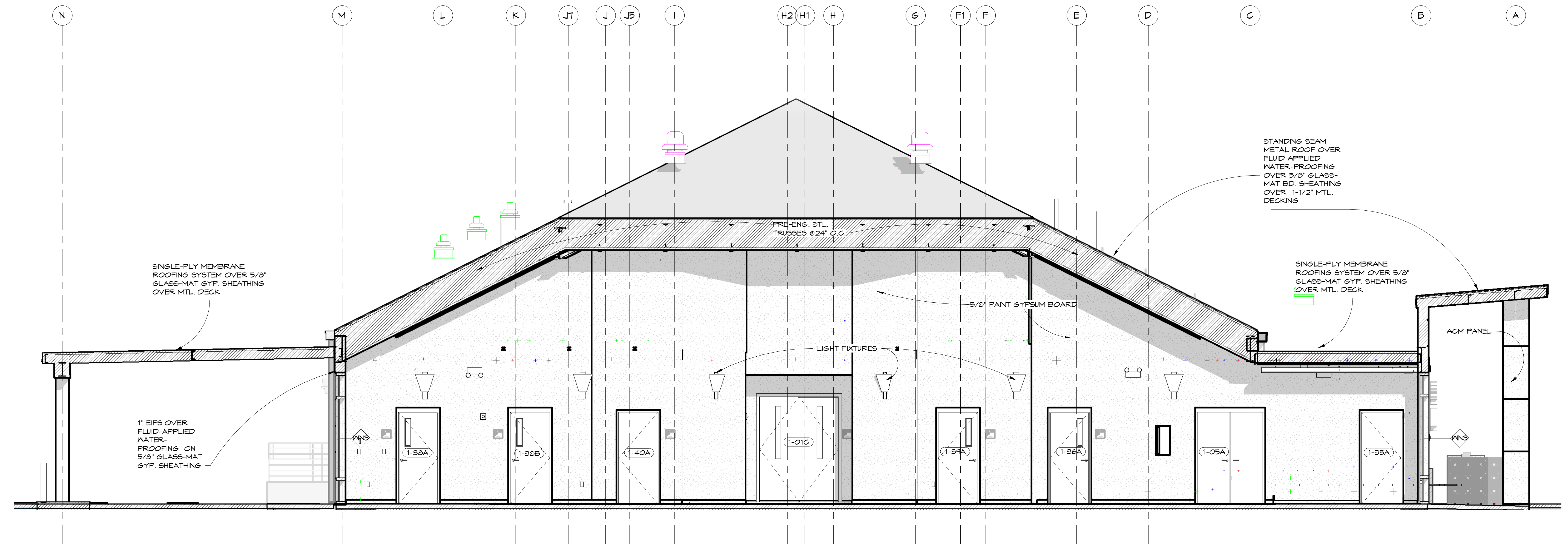
6 FOUNTAIN - SIDE
AS.01 1/4" = 1'-0"



4 BAPTISTRY - SIDE
AS.01 1/4" = 1'-0"

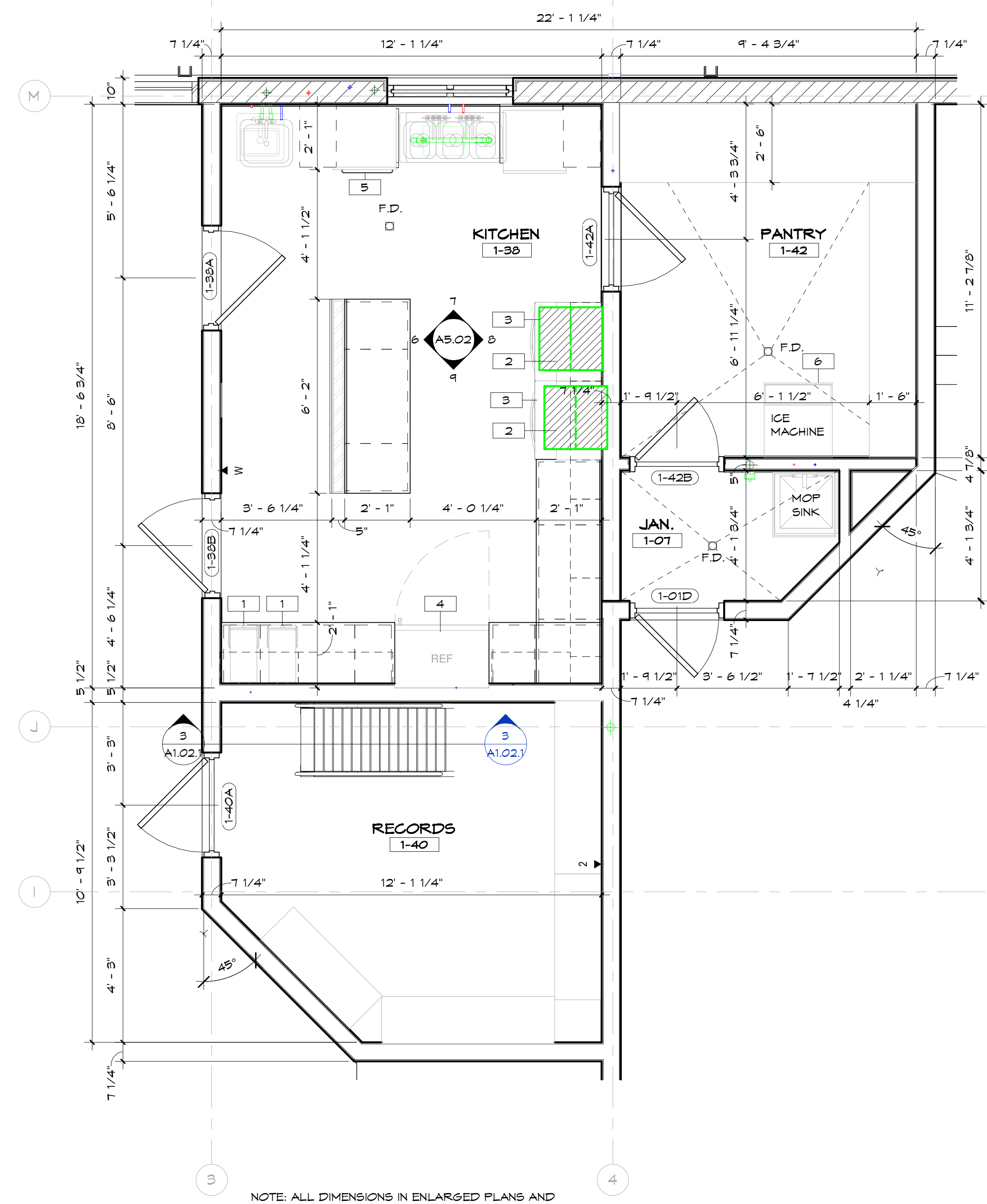


3 BAPTISTRY
AS.01 1/4" = 1'-0"



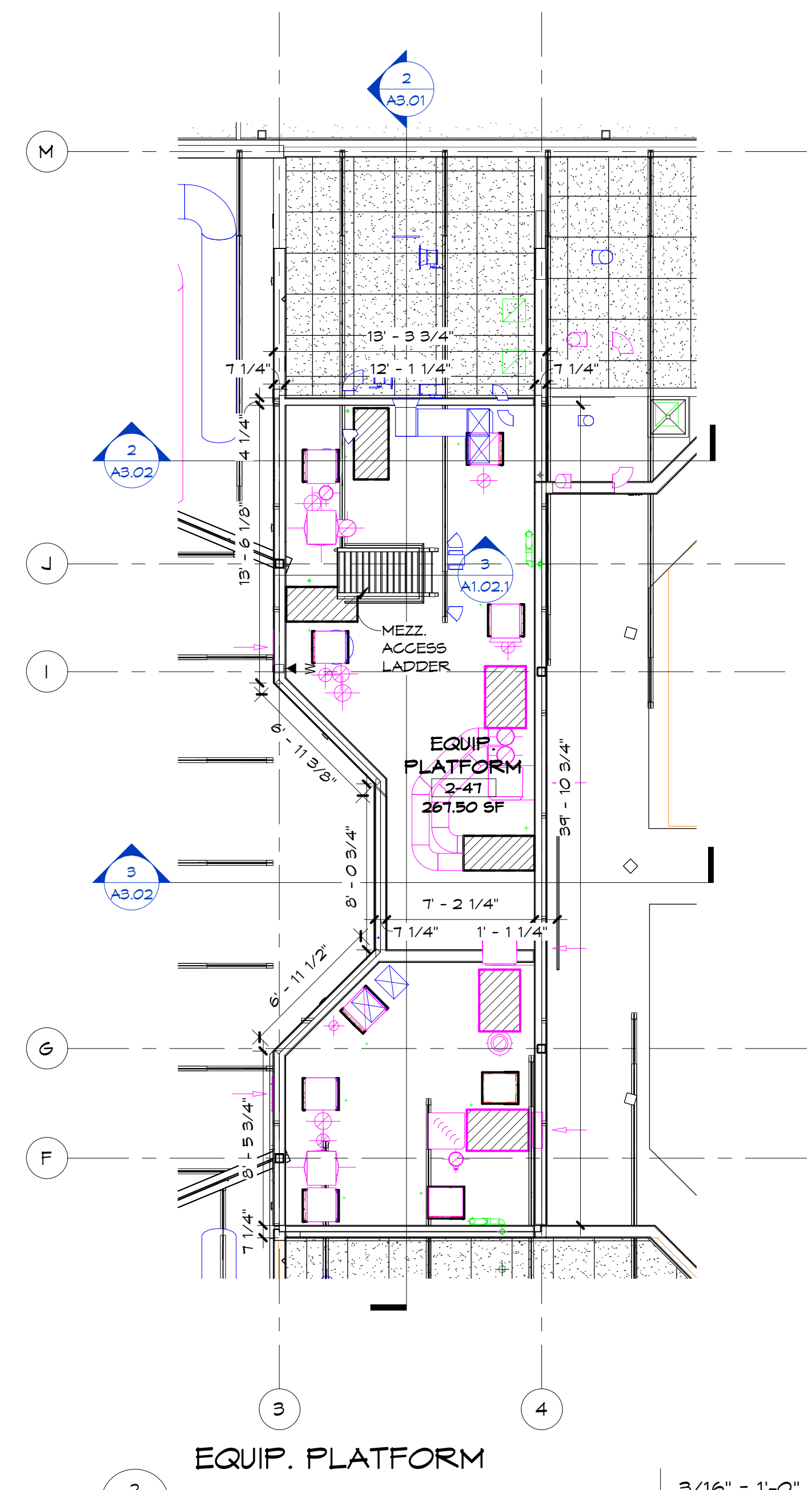
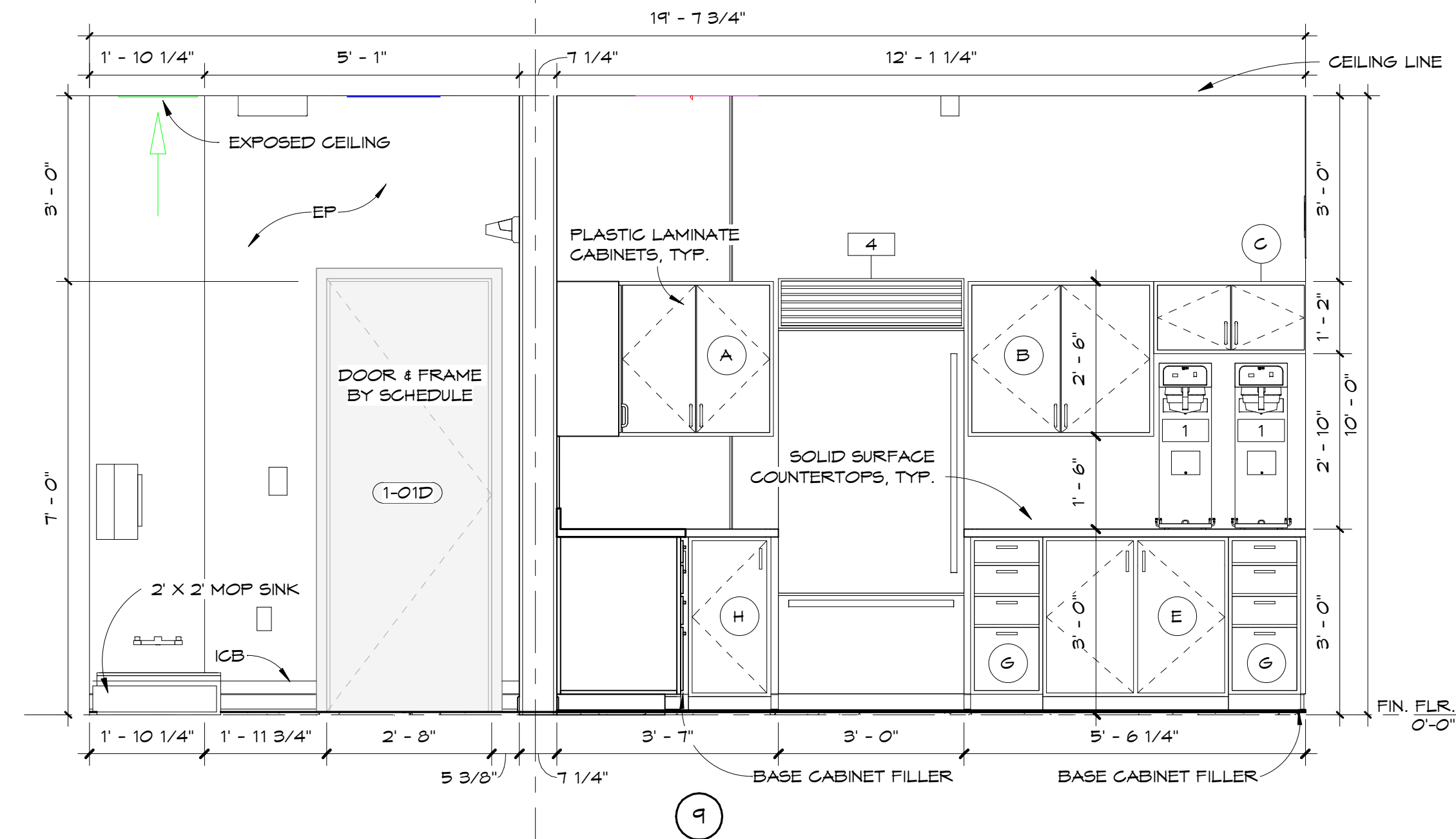
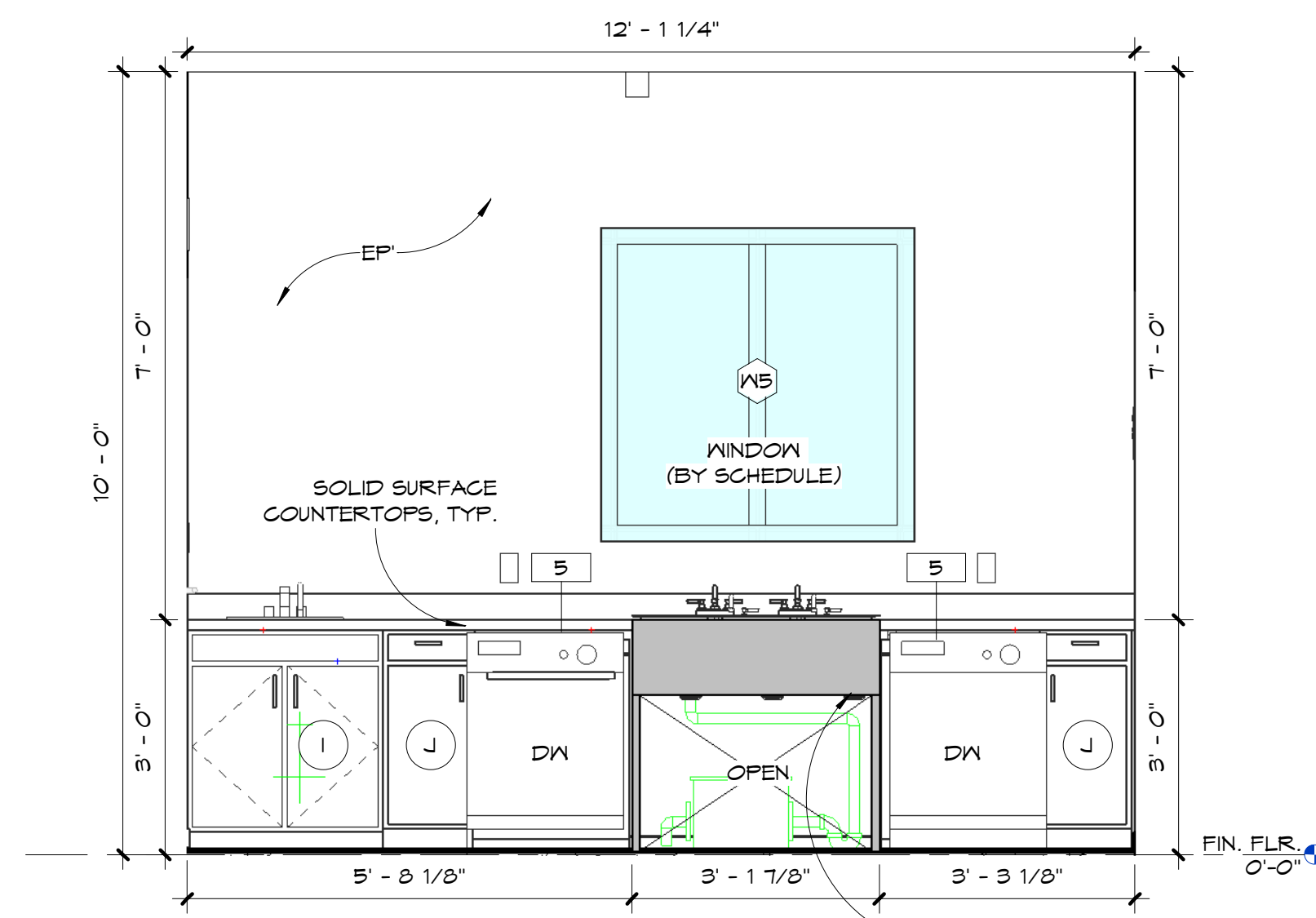
2 FELLOWSHIP HALL-EAST
AS.01 1/4" = 1'-0"

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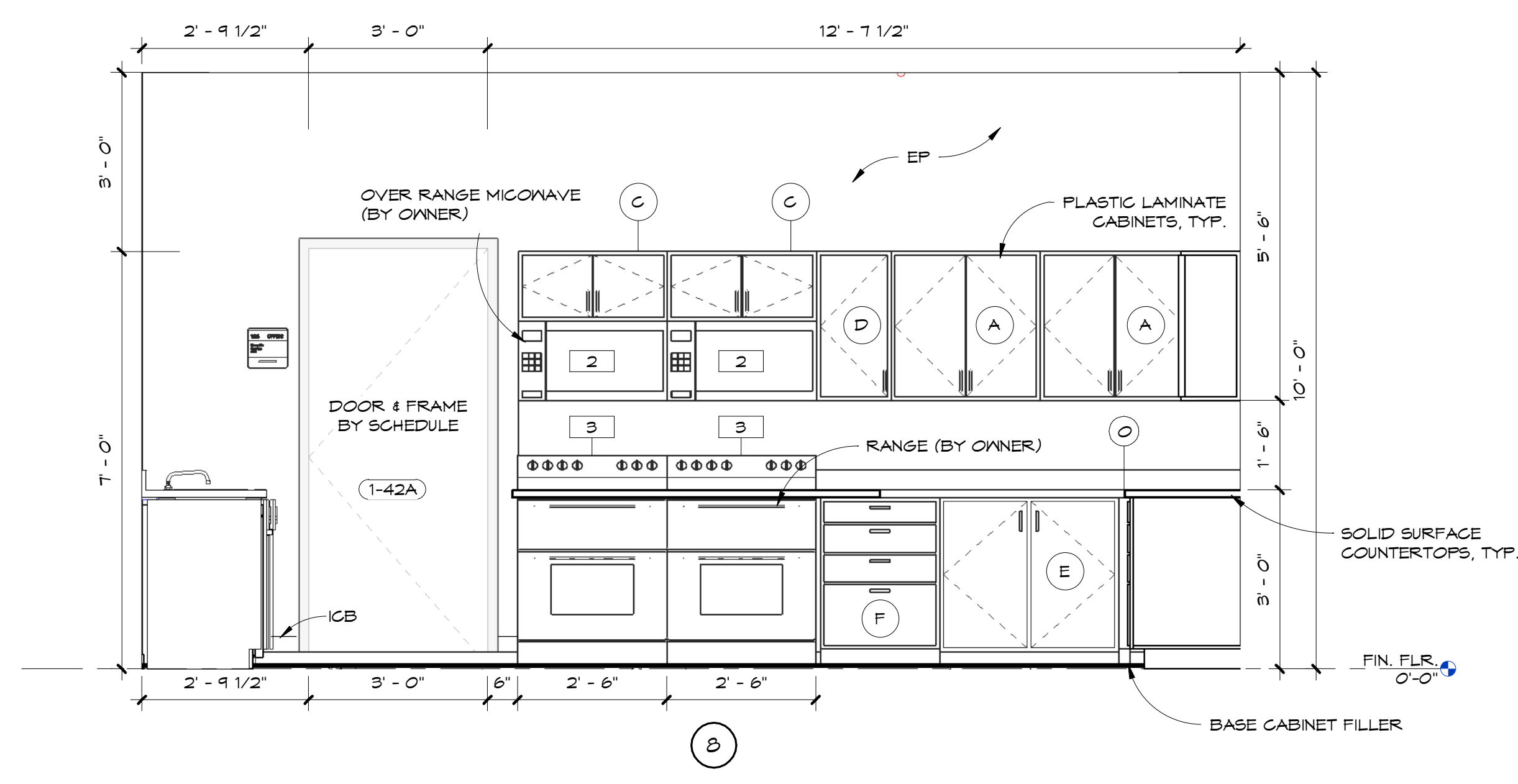
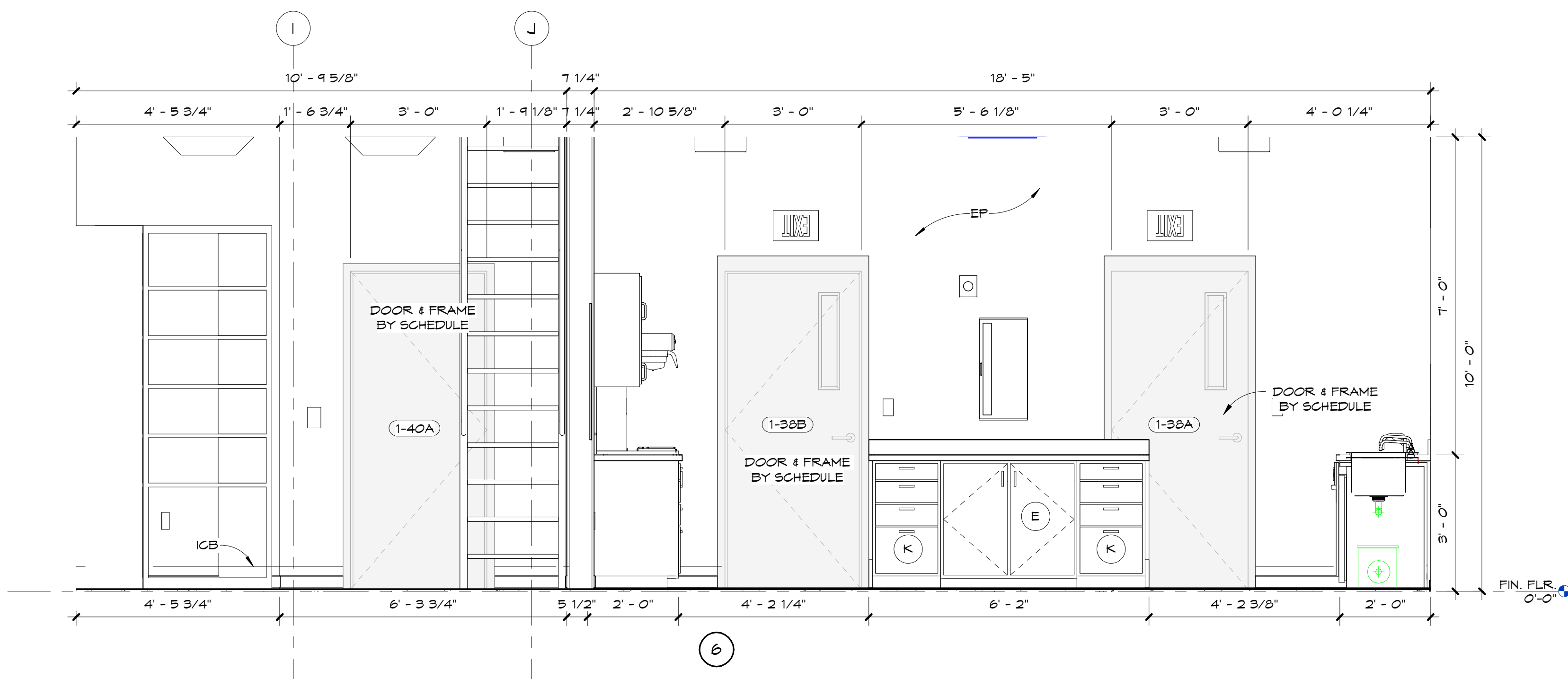


11 ENLARGED KITCHEN PLAN

3/8" = 1'-0"



EQUIPMENT SCHEDULE					
TYPE MARK	COUNT	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS
1	2	BUNN	36100 0100	TEA BREWER	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT
2	2	GE	JVM316ORF	MICROWAVE	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT
3	2	GE	JB645RK55	RESIDENTIAL OVEN, 4 EYE	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT
4	1	KITCHENAID	KBRR306E55	BUILT-IN REFRIGERATOR	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT
5	2	GE	GDF505PRSR55	UNDERCOUNTER DISHWASHER	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT
6	1	AVANTCO	BN23022	FREESTANDING ICE MAKER	APPLIANCE SPECIFIED IS FOR PRICING PURPOSES ONLY-FINAL SELECTIONS BY OWNER/ARCHITECT



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SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:

Dewberry

DEWBERRY ENGINEERING, INC.
 203 ABERDEEN PKWY.
 PANAMA CITY, FL 32405
 (850) 522-0644



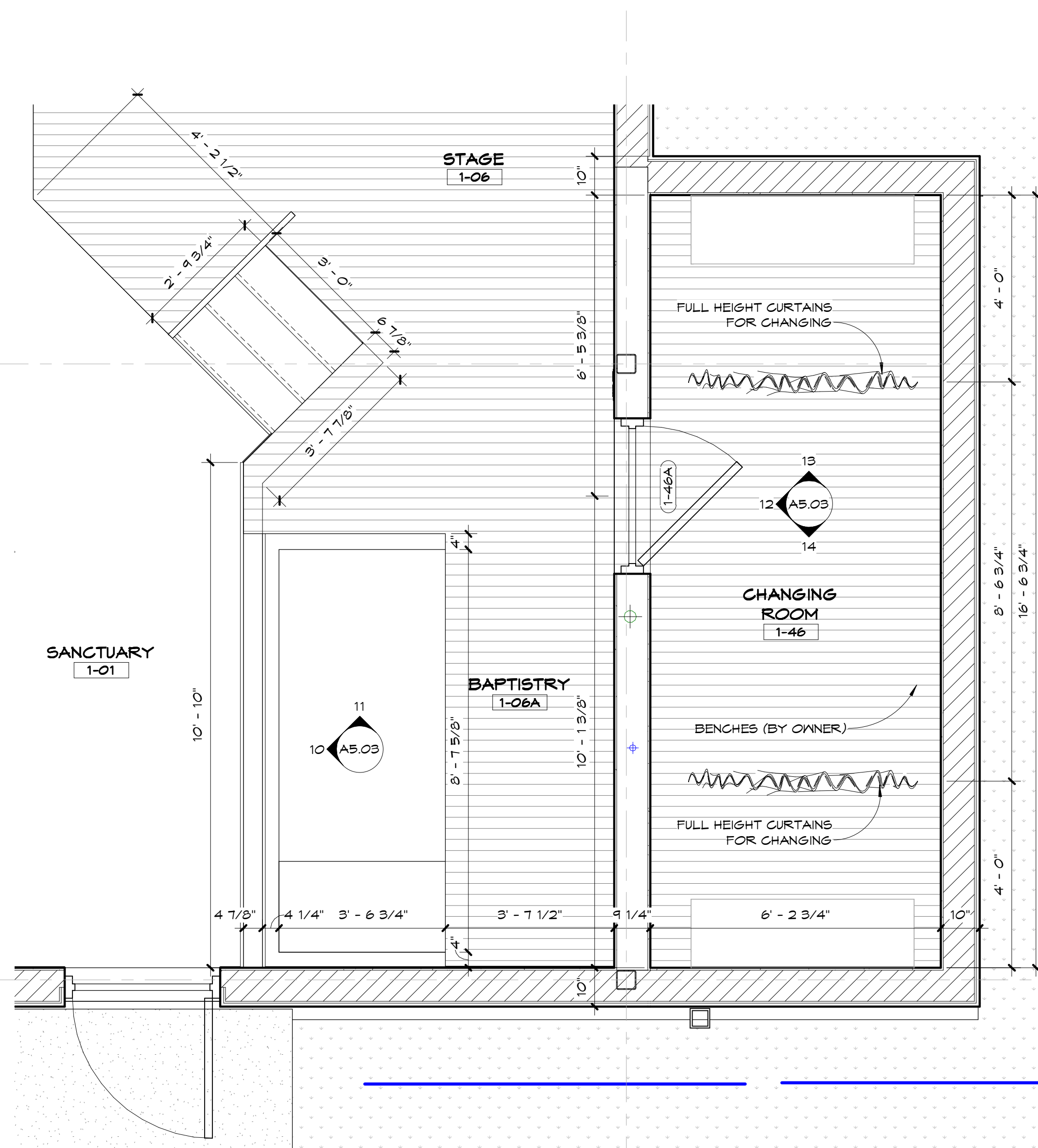
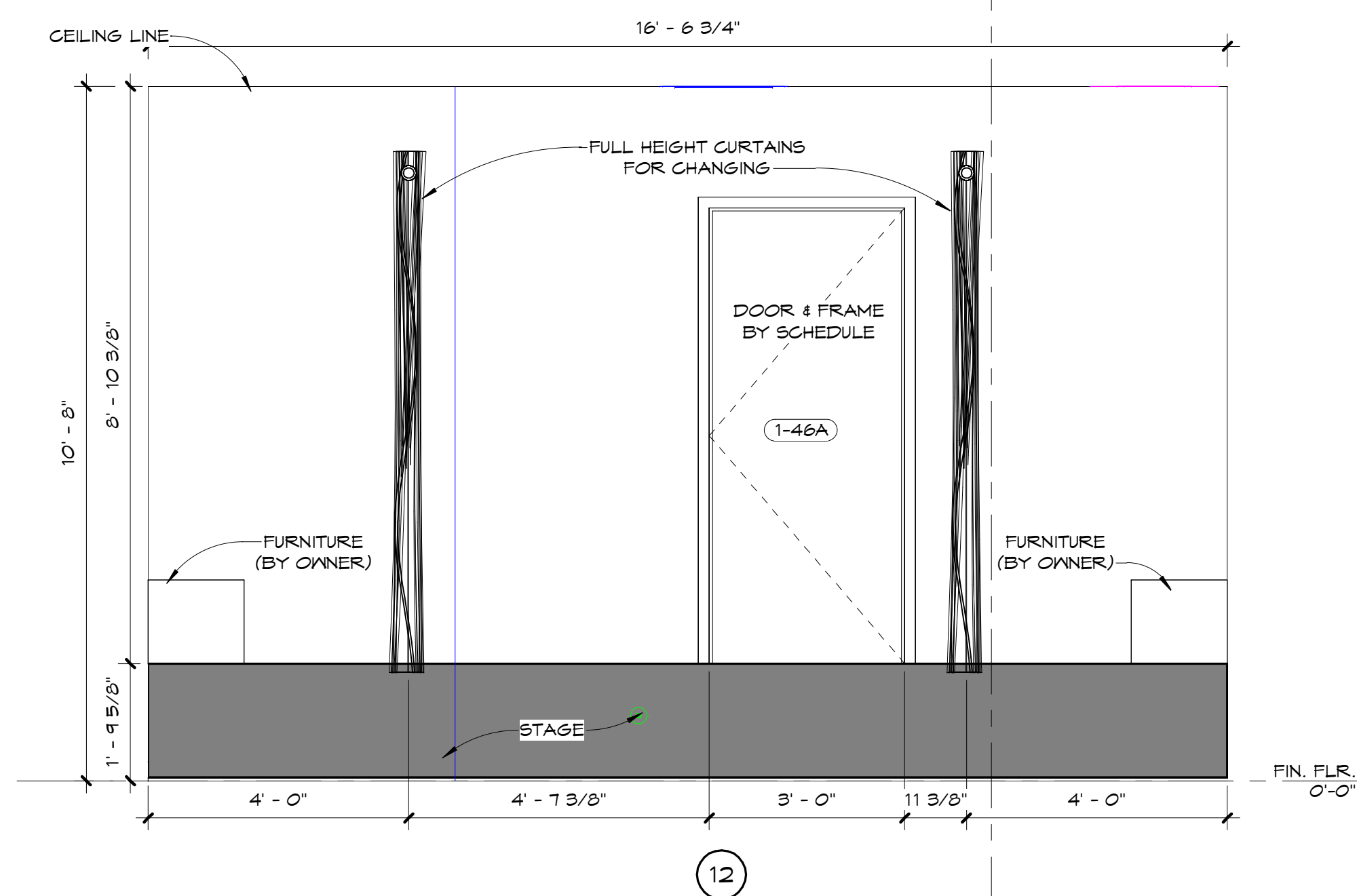
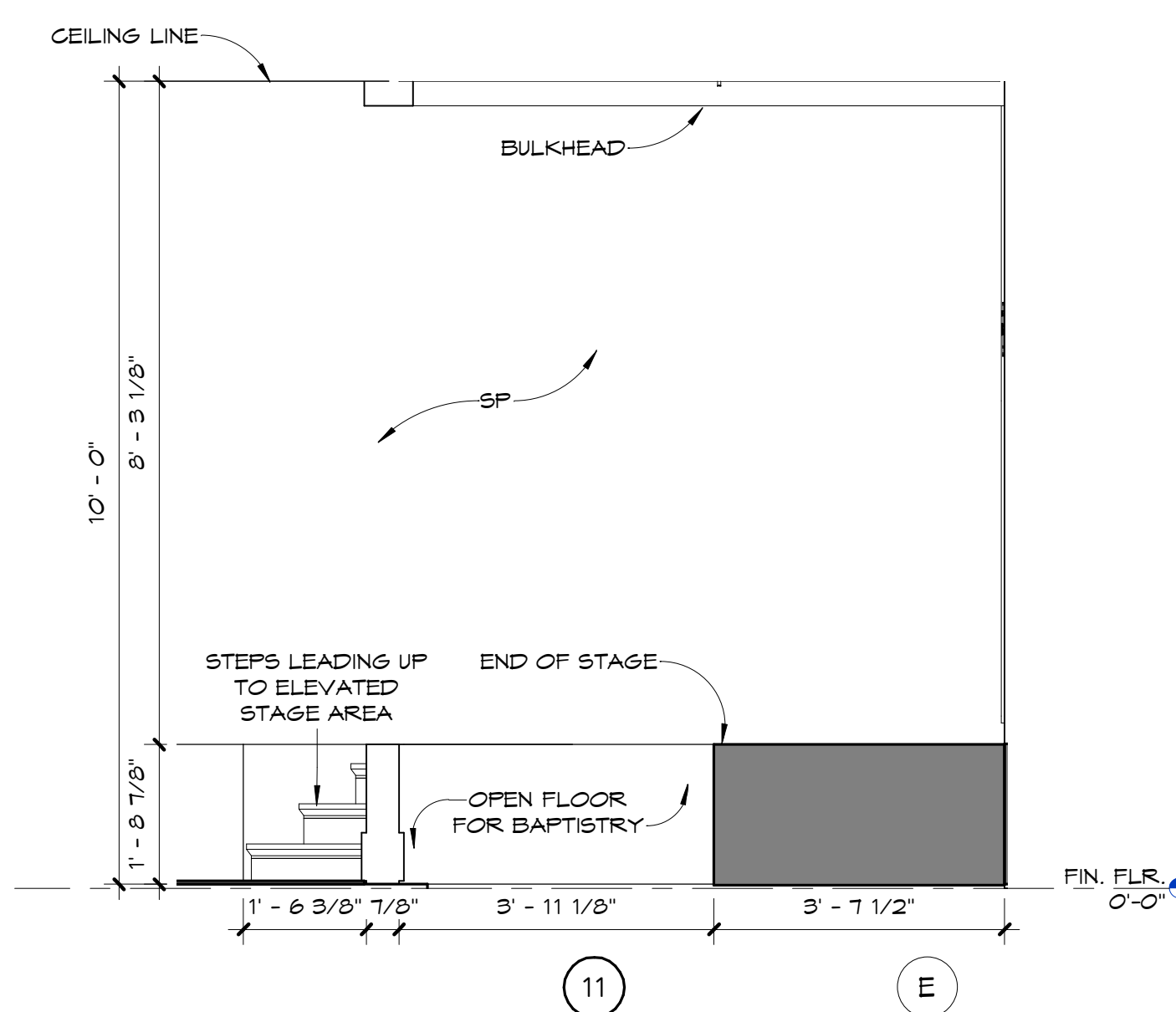
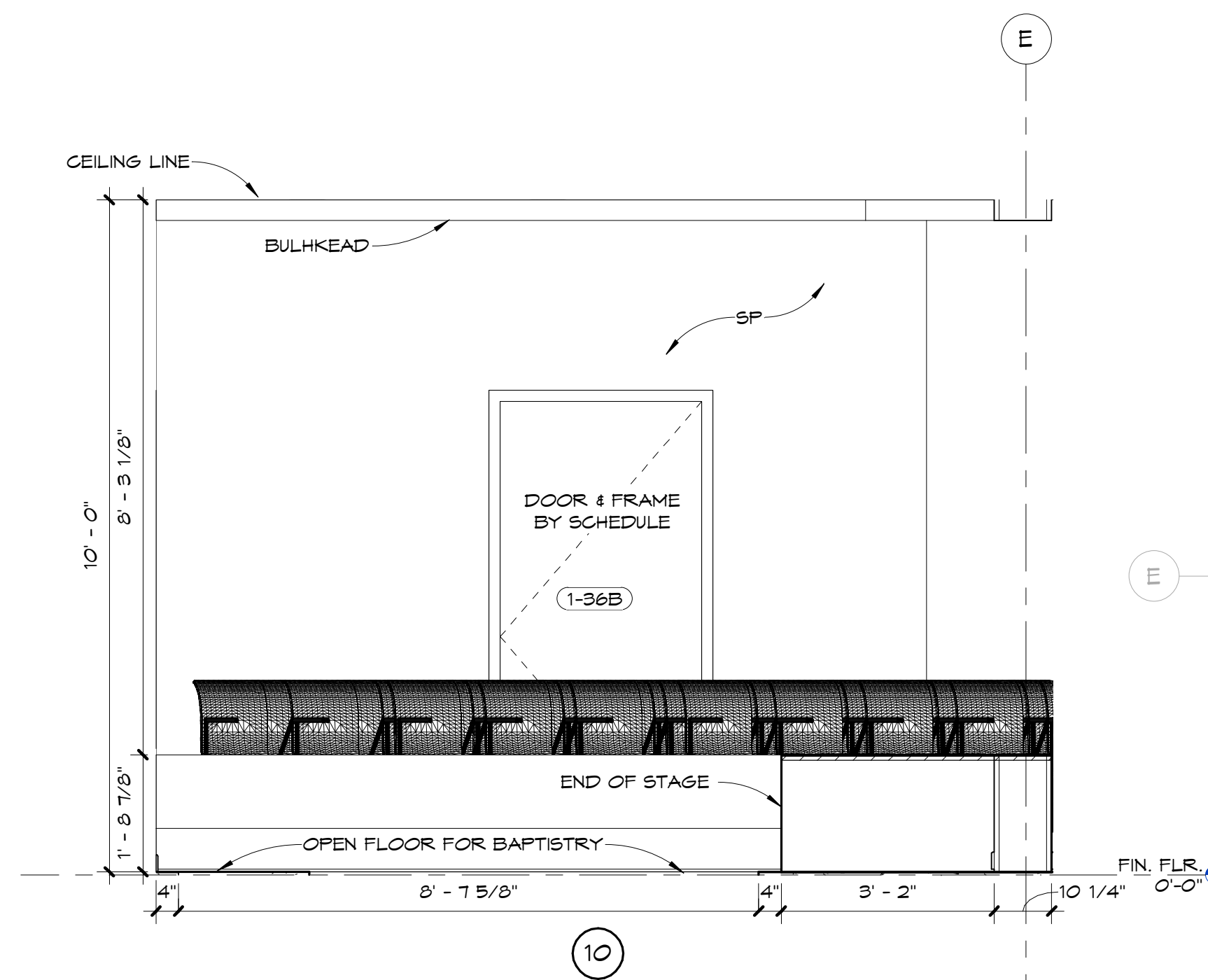
SCR & ASSOCIATES NWFL
 3445 FL-389,
 PANAMA CITY, FL 32405
 (850) 265-6979



206 FL-79,
 PANAMA CITY BEACH, FL 32413

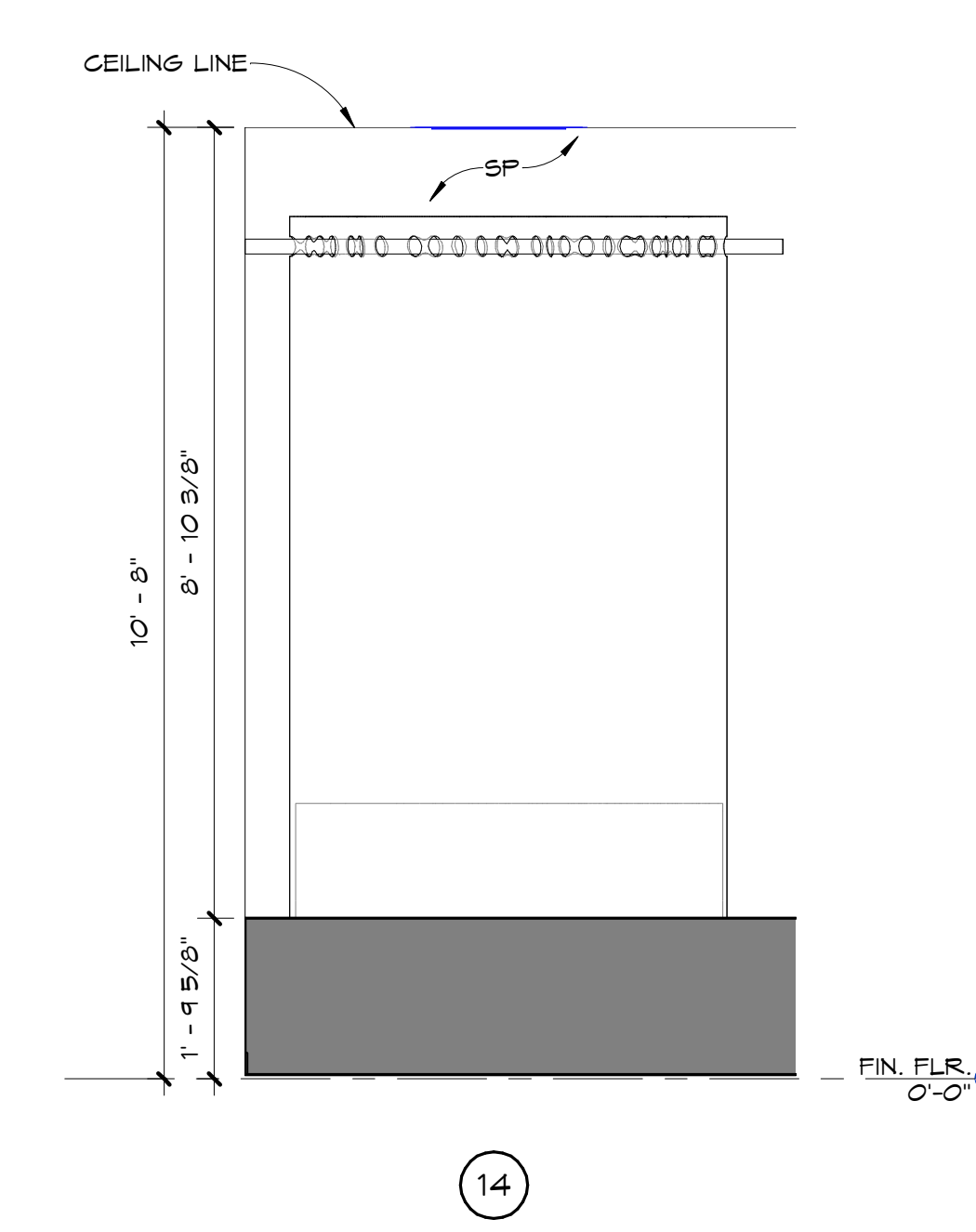
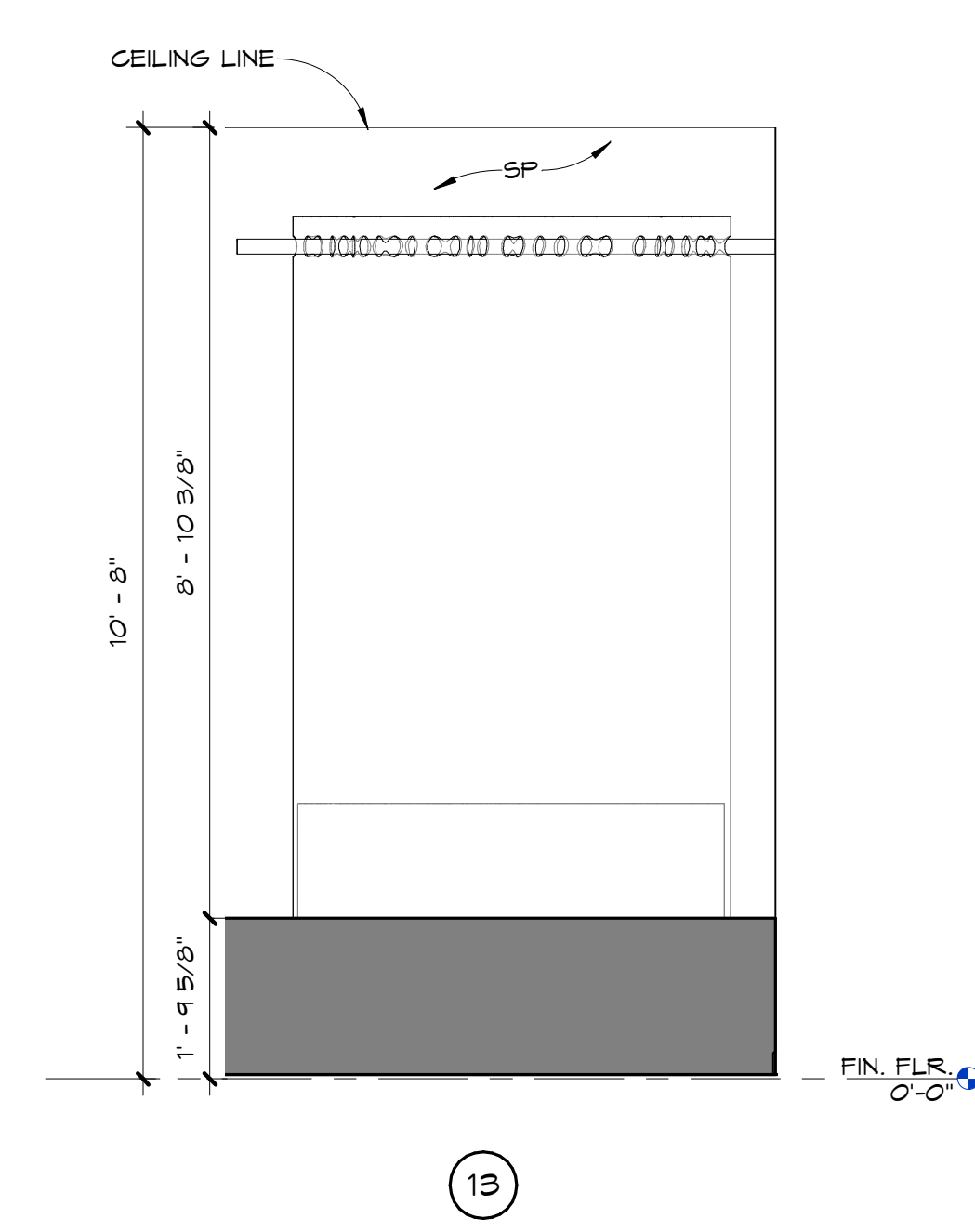
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSEPH J. SORCI, ARCHITECT ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SEAL:



NOTE: ENLARGED PLANS AND ELEVATION DIMENSIONS ARE FROM FINISH TO FINISH

2 ENLG. PLAN - BAPTISTRY 1/2" = 1'-0"



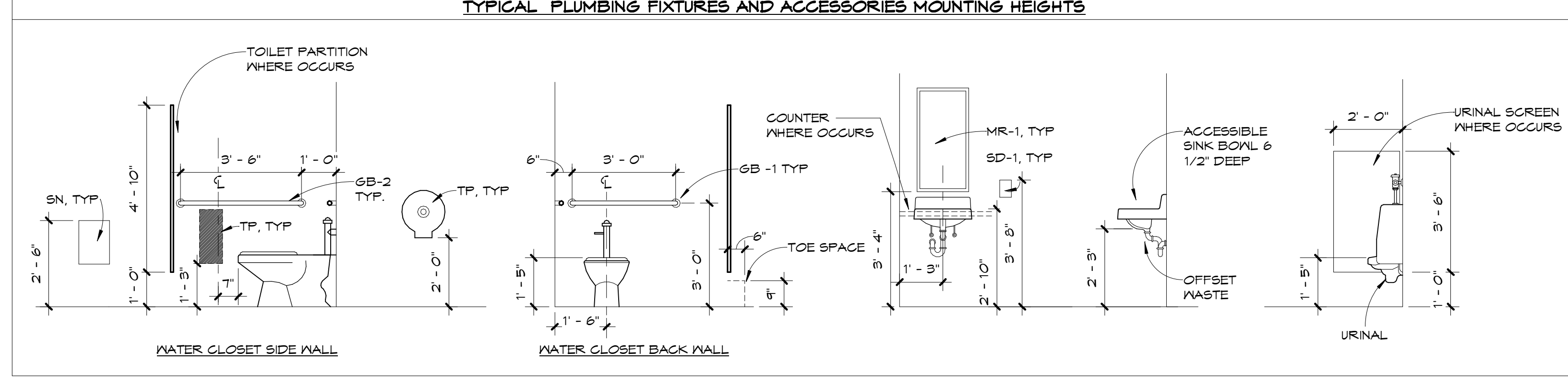
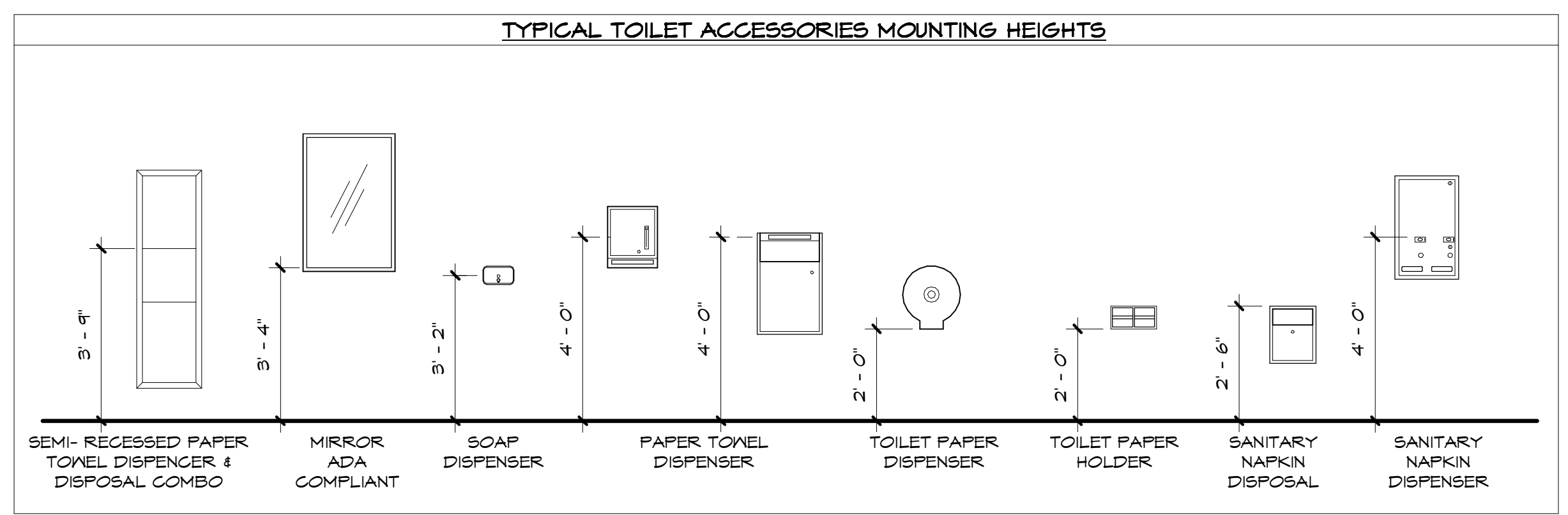
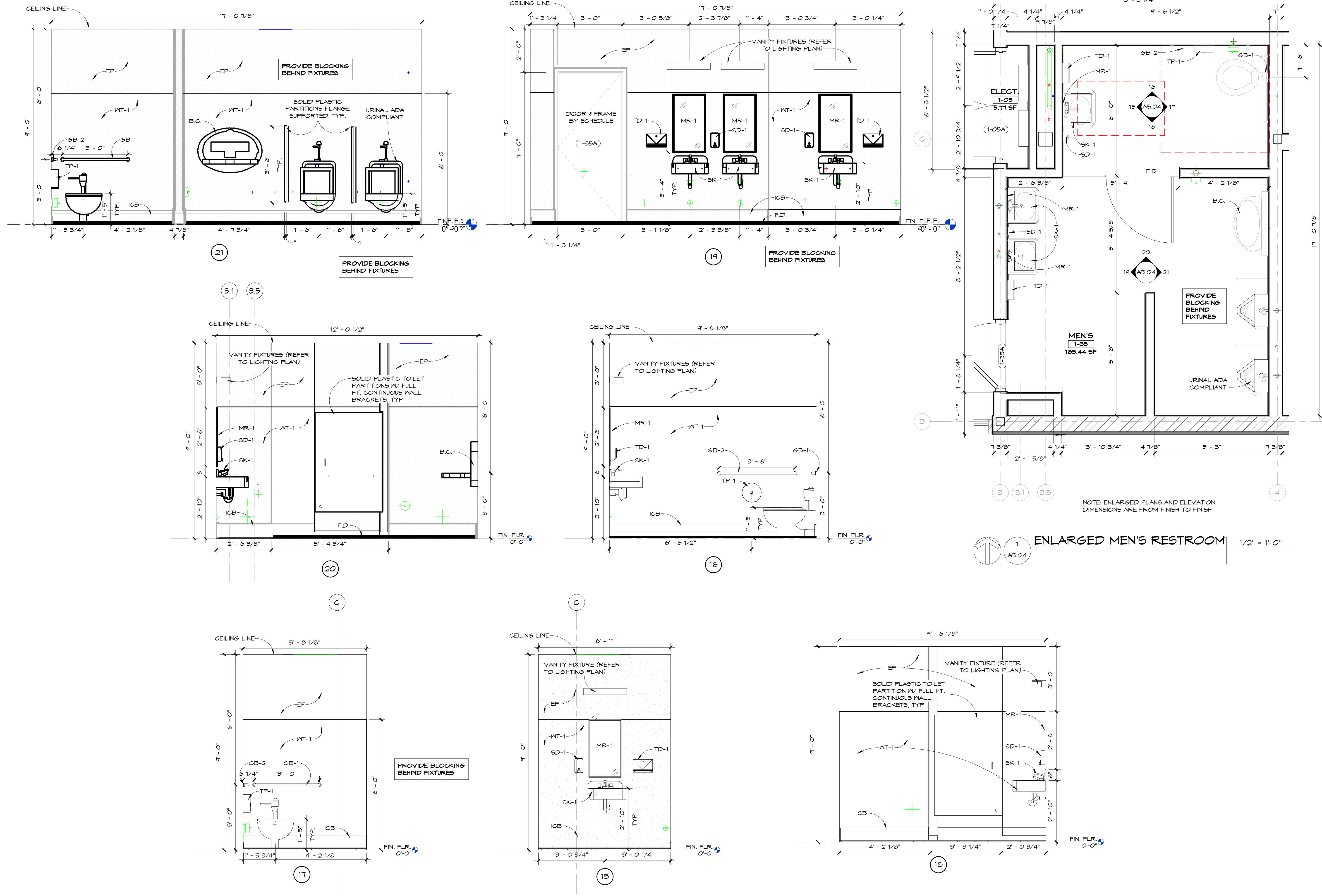
CONSTRUCTION DOCUMENTS

SCALE: 1/2" = 1'-0"	DATE: 10/10/2024
DRAWN BY: JH, CO, KJ	CHECKED BY: AA, JIS, HJG
NO.	REVISION: DATE:

SHEET TITLE:
ENLARGED CHANGING ROOM & BAPTISTRY PLAN

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LEGEND	
GENERAL:	
---	- 1-HR FIRE RATED WALLS
----	- SMOKE RATED WALLS
[1-100]	- ROOM NUMBER DESIGNATION
(2-100)	- DOOR NUMBER DESIGNATION
(A)	- WINDOW NUMBER DESIGNATION
□	- FLOOR DRAIN
GRAB BARS:	
GB-1	- GRAB BAR, 36" ADA COMPLIANT
GB-2	- GRAB BAR, 44" ADA COMPLIANT
MIRRORS:	
MR-1	- BOBRICK B-249 2432
SINKS:	
SK-1	- STAINLESS STEEL ANGLE FRAMED MIRROR, ADA COMPLIANT 24"X32" H
FAUCETS:	
DIAT	- BRADLEY
	- MODEL GLX-1 EXPRESS GLX SERIES SINGLE STATION ADA AND TAS COMPLIANT
	- VERSE™ FAUCET - METRO SERIES
MISCELLANEOUS:	
T.B.	- TRASH BIN
B.C.	- BABY CHANGING TABLE
BATHROOM DISPENSERS:	
TD-1	- BRADLEY RECESSED HIGH CAPACITY TOWEL DISPENSER
TP-1	- BOBRICK SURFACE-MOUNTED SINGLE JIMBO-ROLL TOILET TISSUE DISPENSER B-2040
TP-2	- SURFACE-MOUNTED SINGLE TOILET TISSUE DISPENSER
SD-1	- LTX-12™ HYGIENE SERIES, 1,200 ML, AUTOMATIC, FOAM, WALL, BLACK
WALL TILE:	
WT-1	- TO BE CHOSEN BY ARCHITECT
WALL PAINT CODE:	
EP	- IMPERVIOUS EPOXY PAINT
WALL BASE:	
ICB	- INTEGRAL COVE BASE
WALL TILE NOTE: STAINLESS STEEL COVE & CORNER SYSTEM - SEE SPECS	



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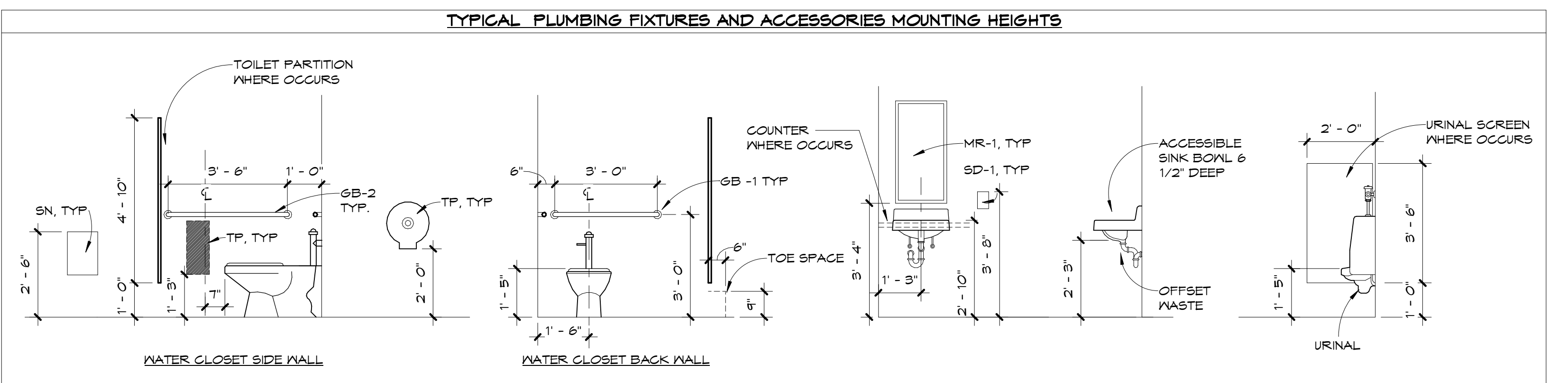
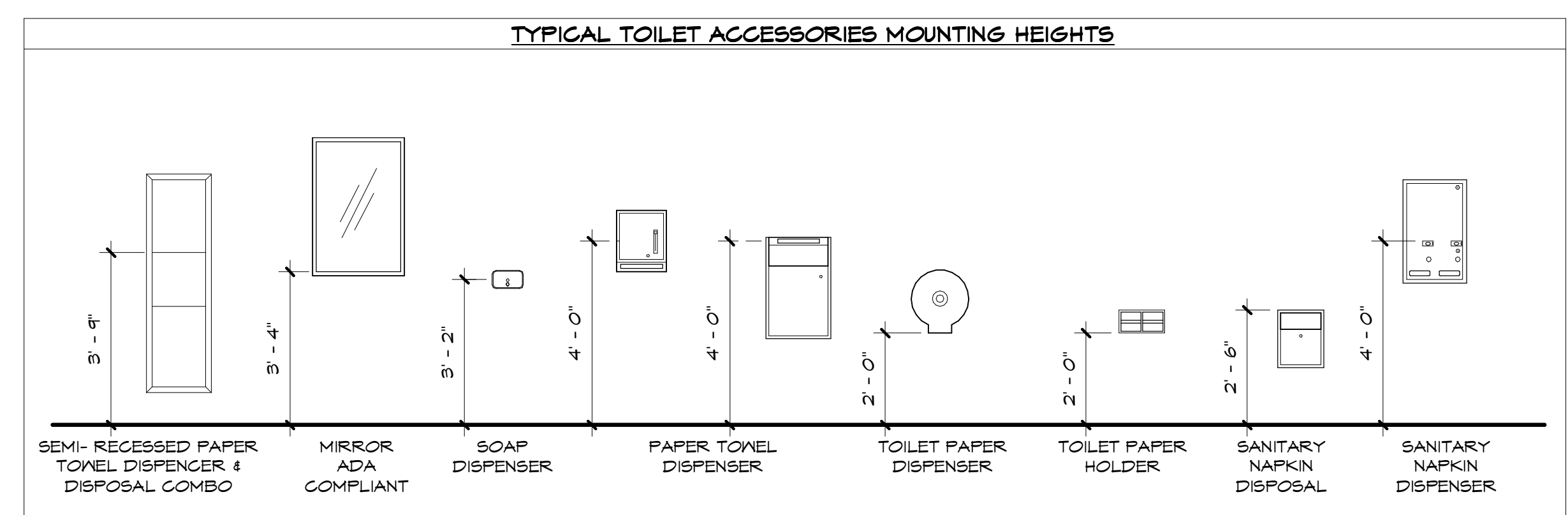
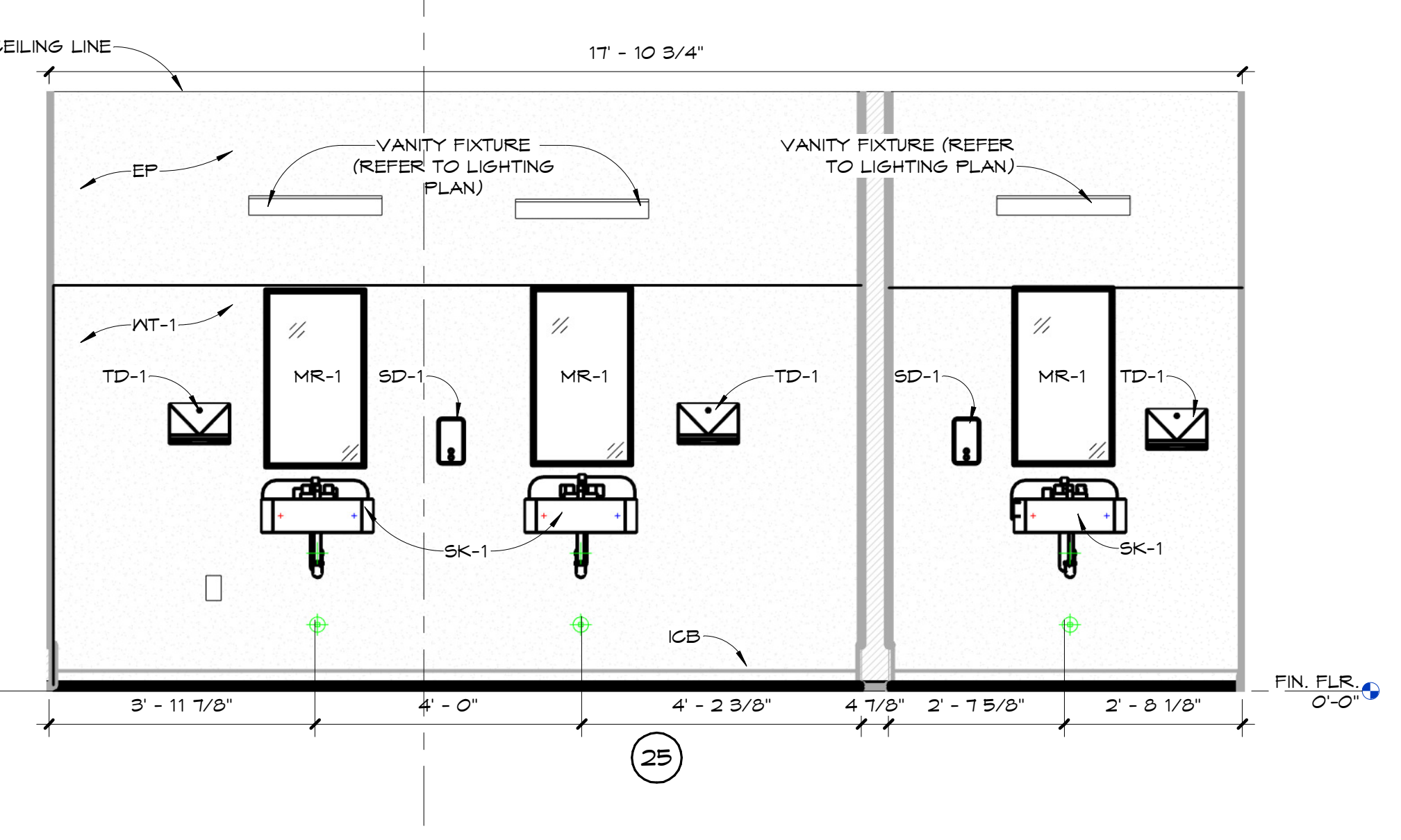
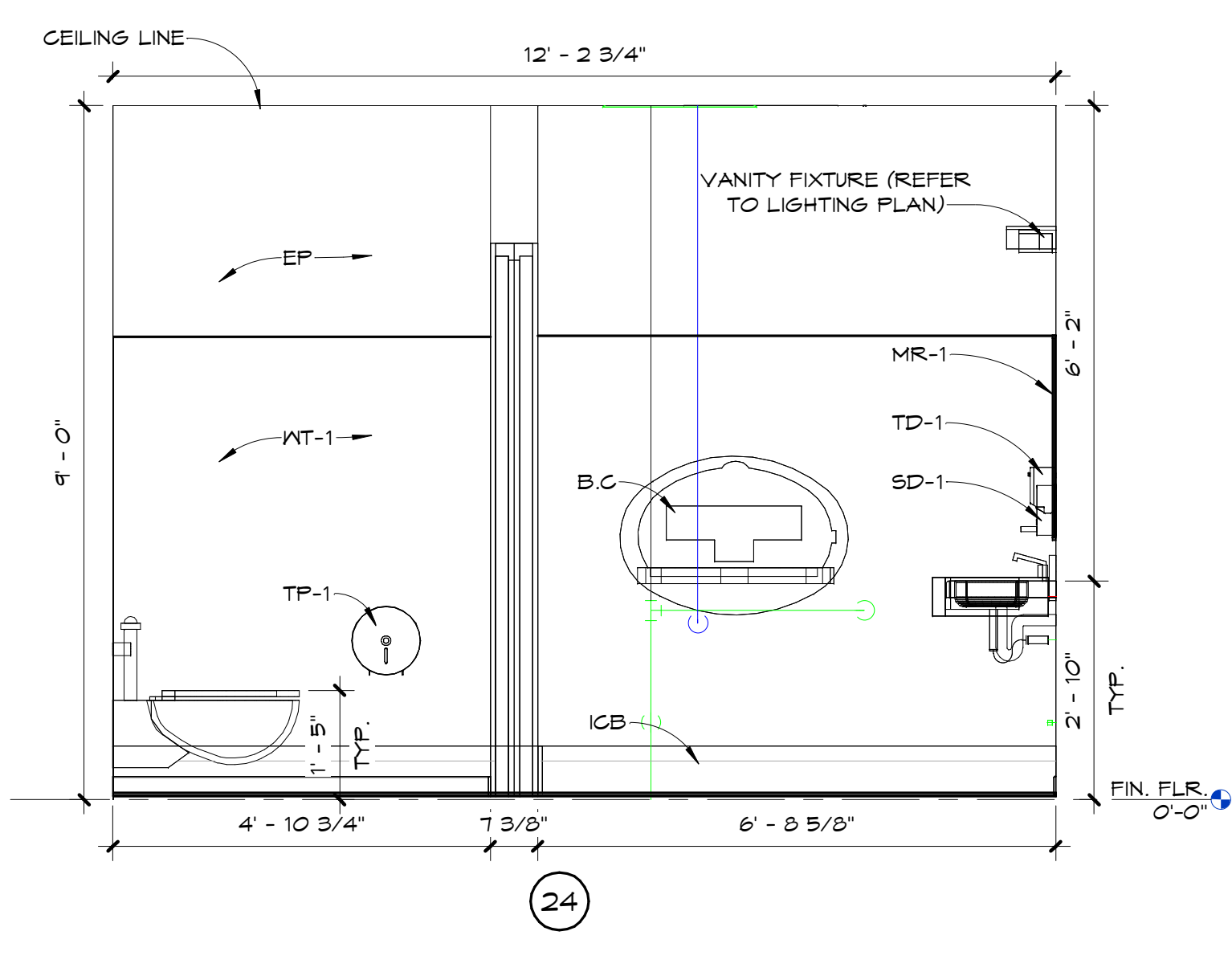
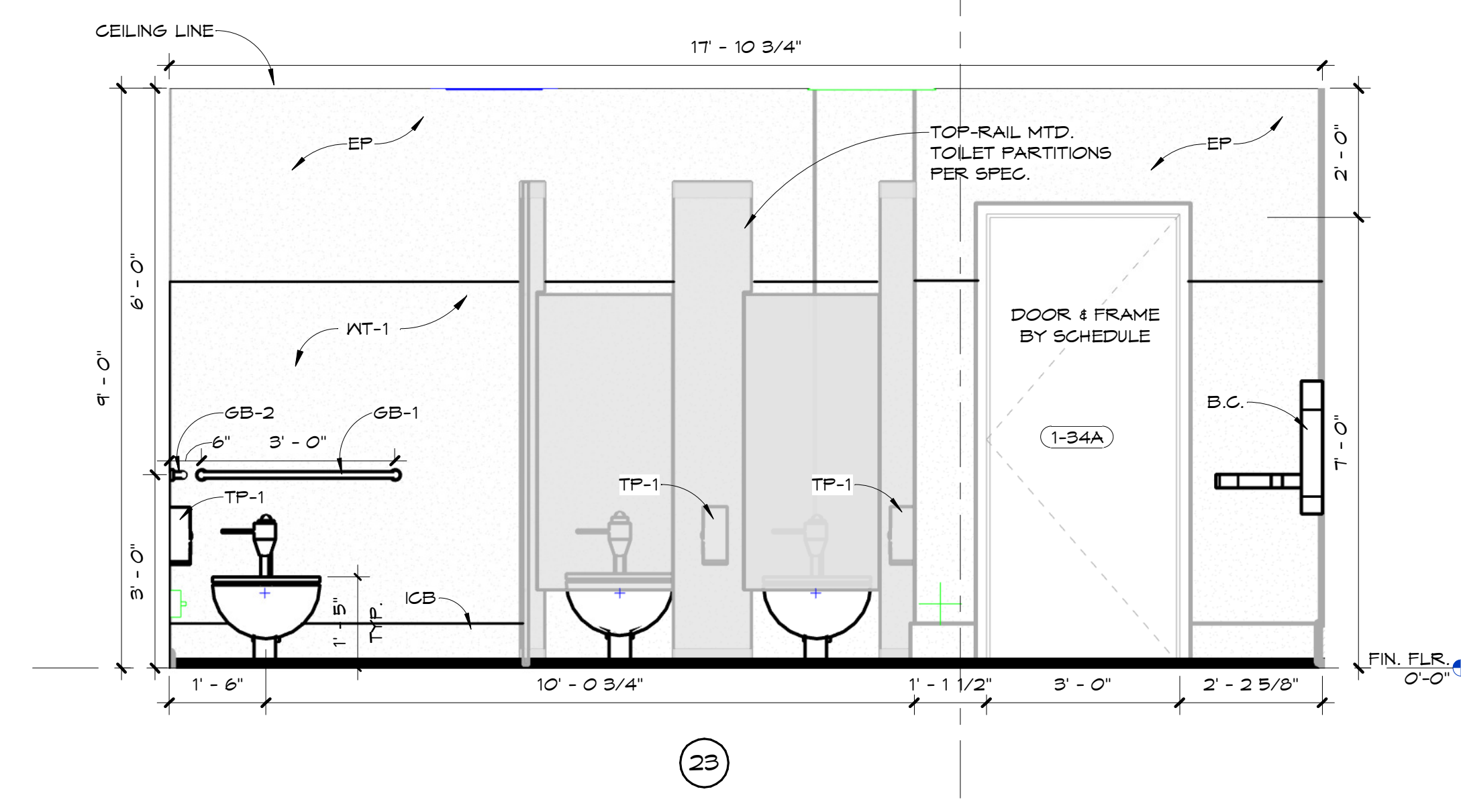
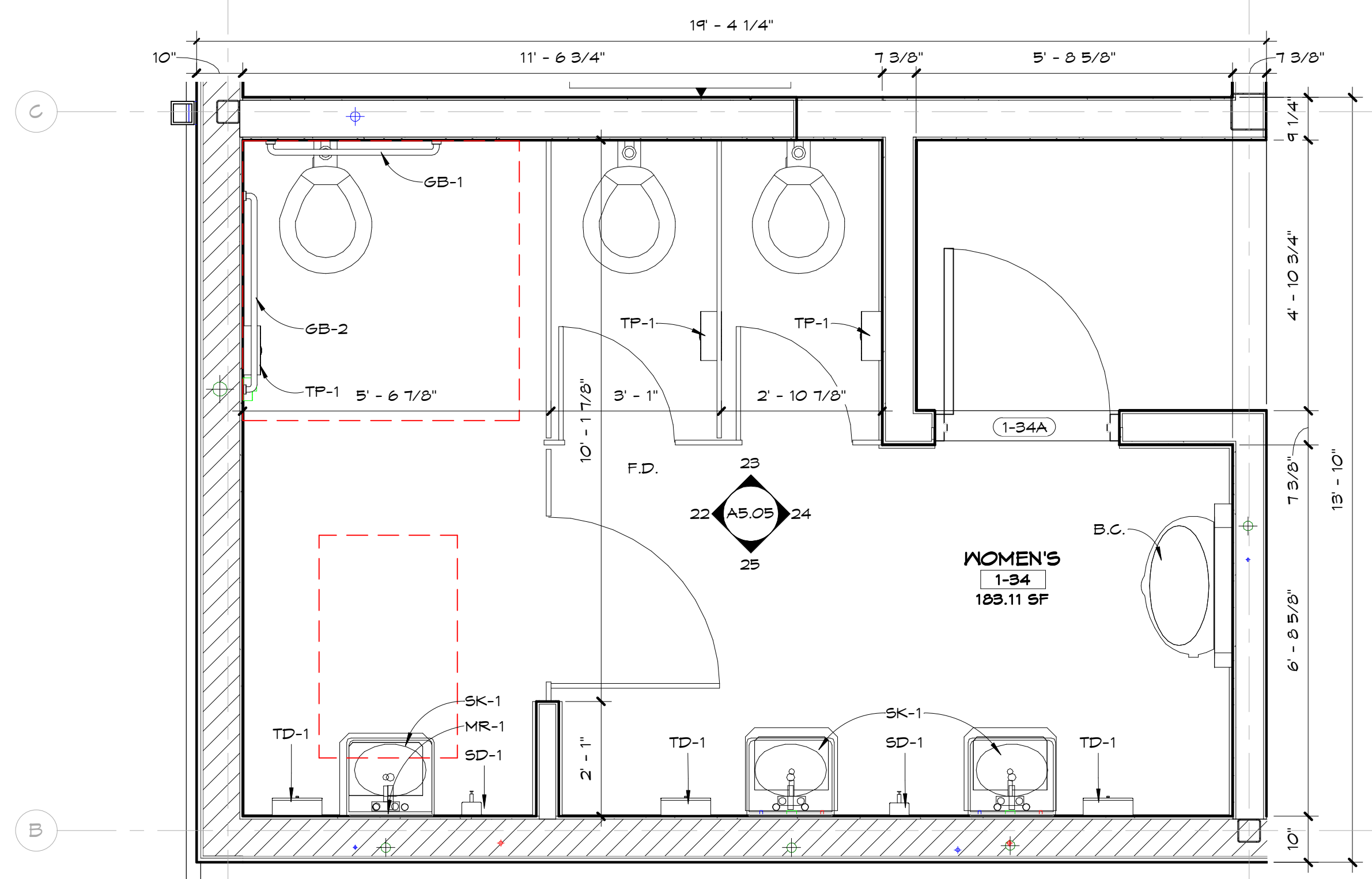
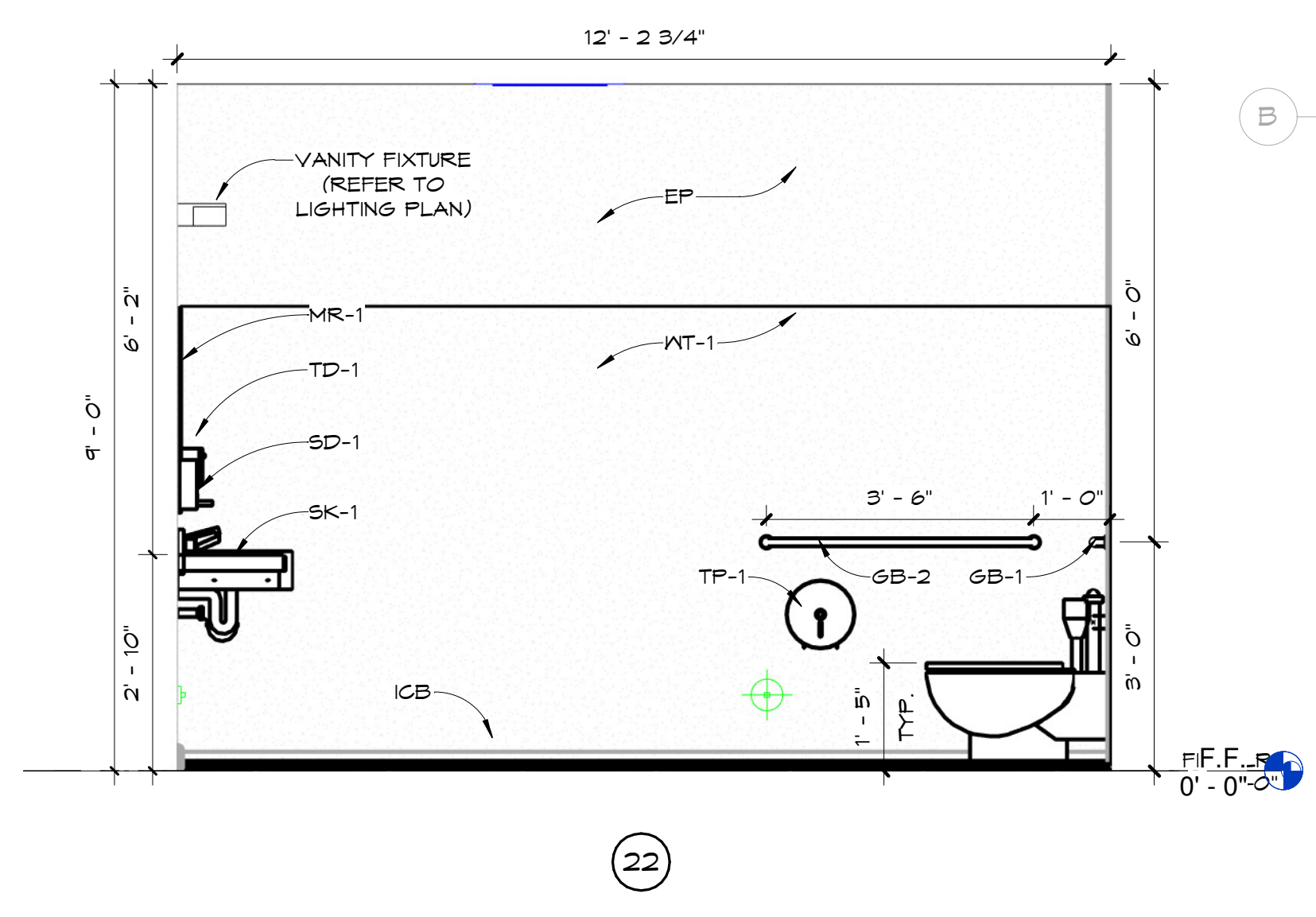
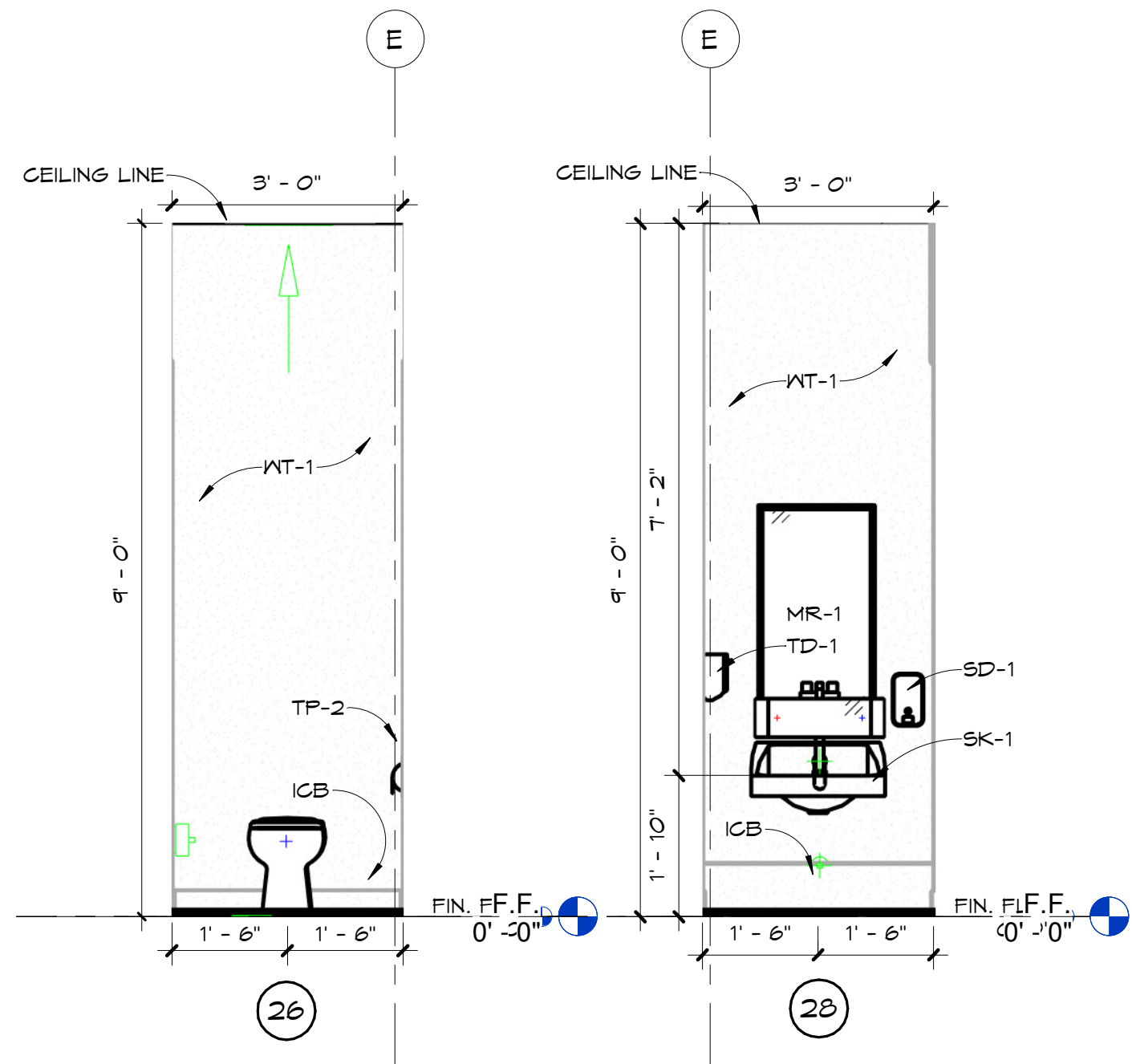
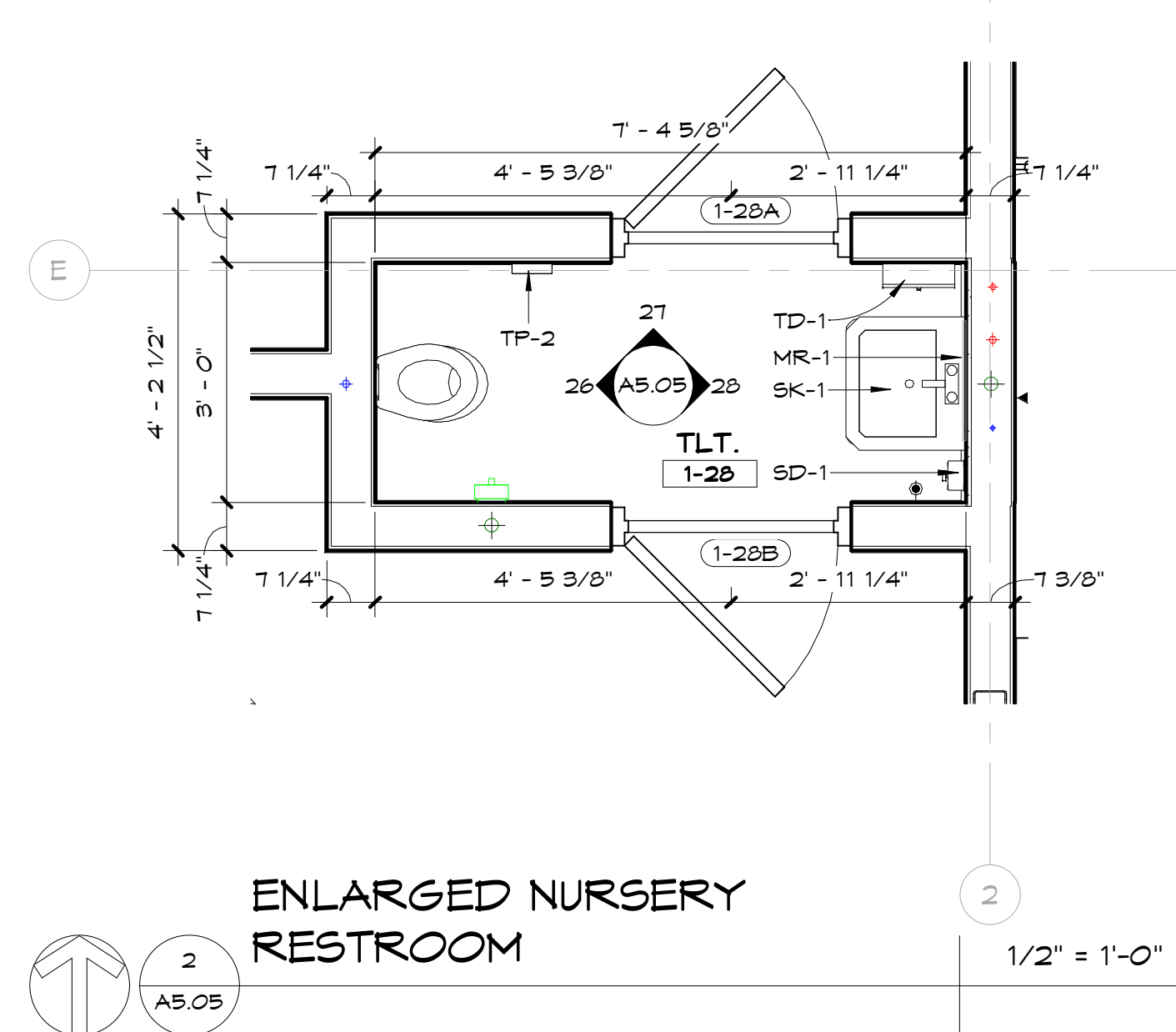
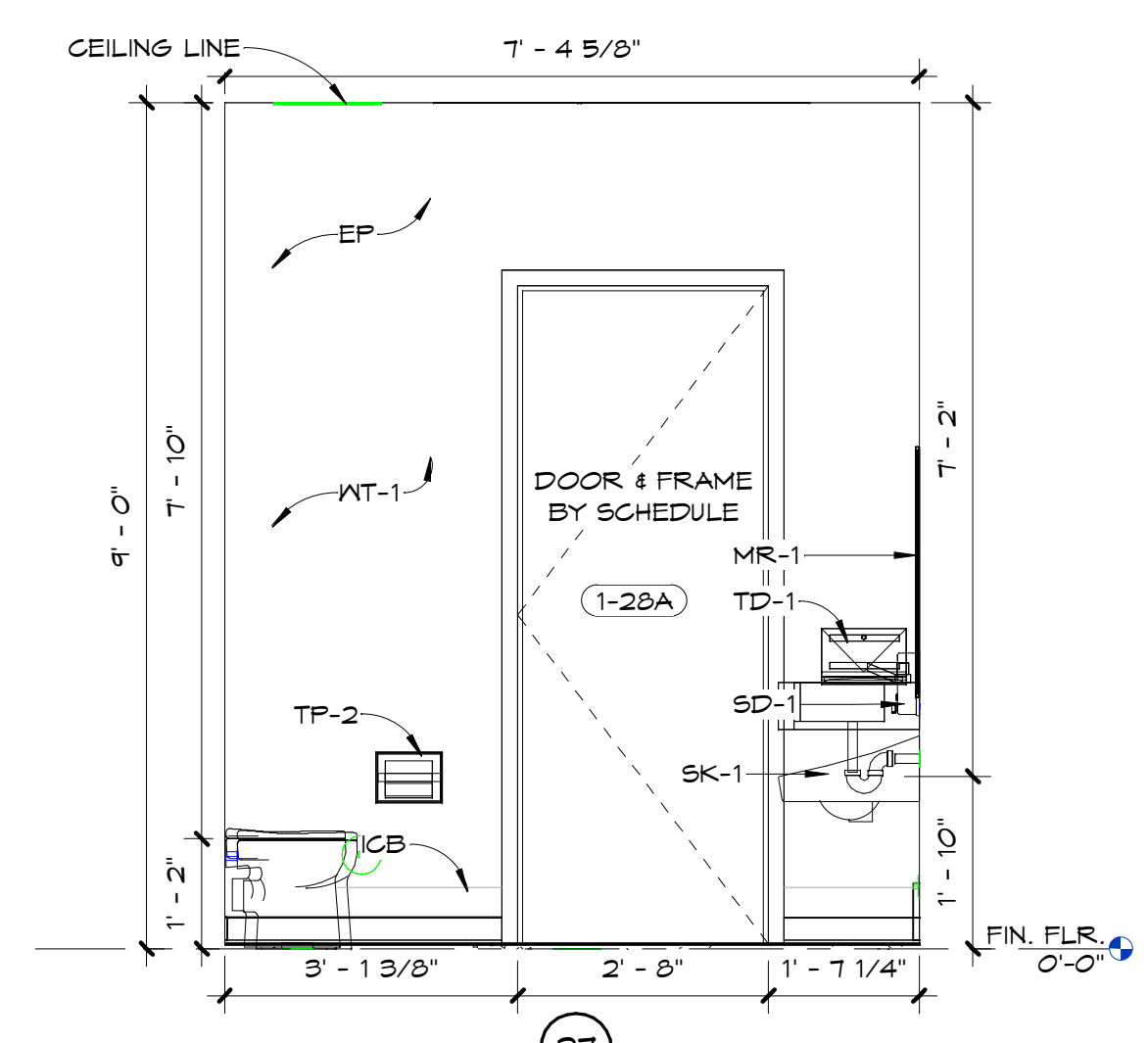
SCALE: As indicated DATE: 10/10/2024
 DRAWN BY: JH, CO, KJ CHECKED BY: AA, JS, HJG
 NO. REVISION: DATE:

SHEET TITLE:
ENLARGED RESTROOM PLANS

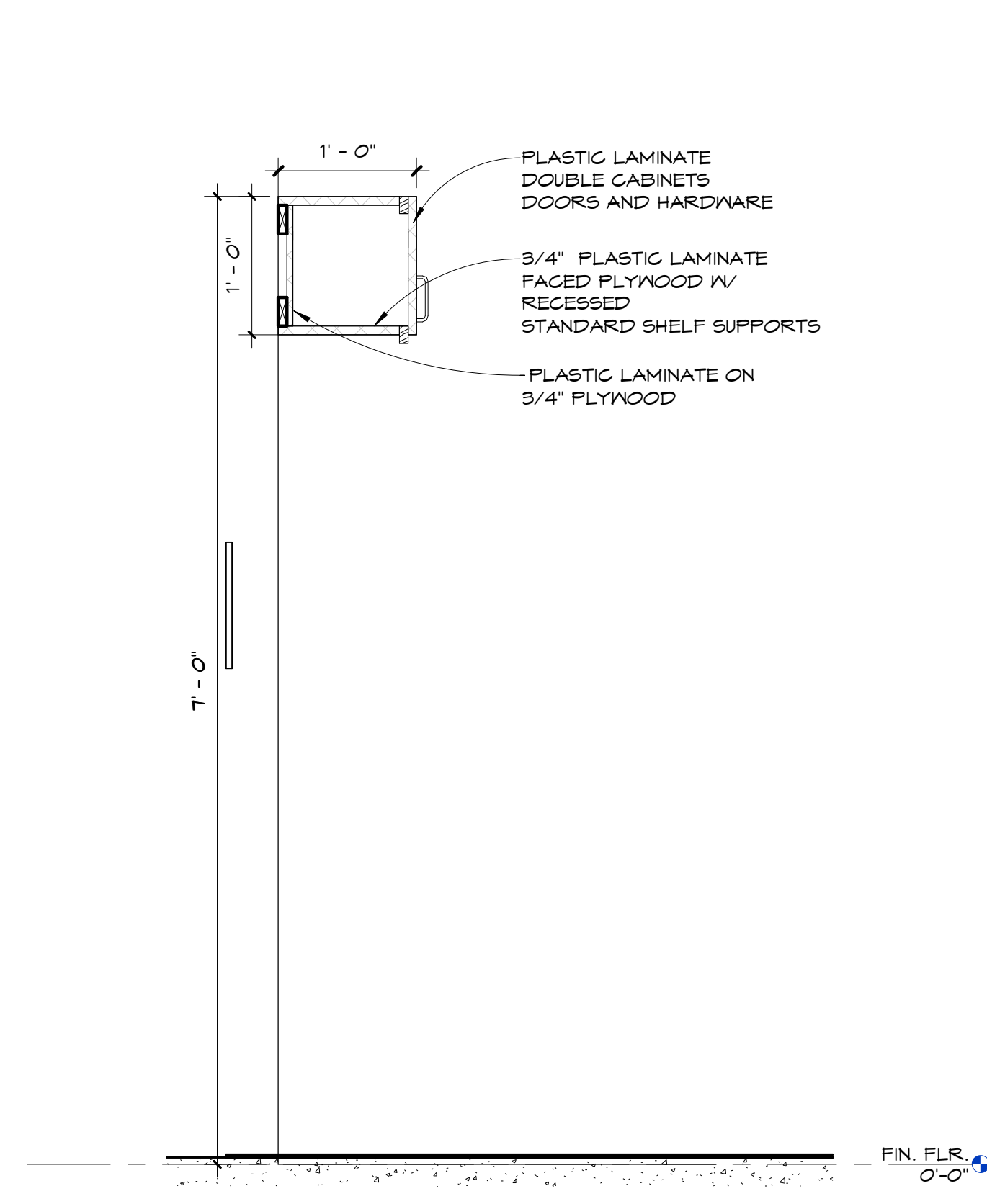
PROJECT NO: 4323 SHEET NO: A5.04

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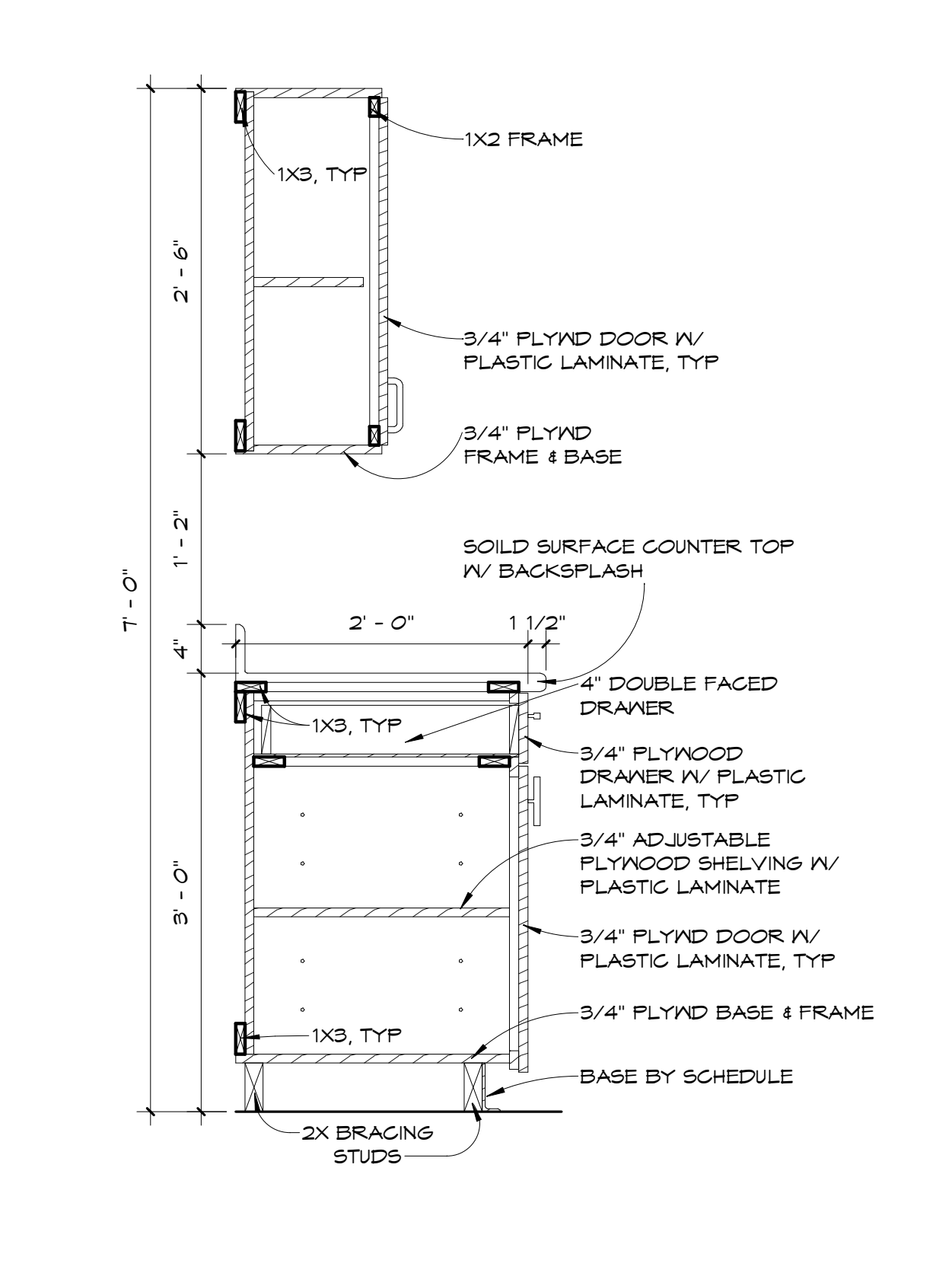
- LEGEND**
- GENERAL:**
- 1-HR FIRE RATED WALLS
 - SMOKE RATED WALLS
 - [1-100] - ROOM NUMBER DESIGNATION
 - (2-100) - DOOR NUMBER DESIGNATION
 - (A) - WINDOW NUMBER DESIGNATION
 - F.D. - FLOOR DRAIN
- GRAB BARS:**
- GB-1 - GRAB BAR, 36" ADA COMPLIANT
 - GB-2 - GRAB BAR, 44" ADA COMPLIANT
- MIRRORS:**
- MR-1 - BOBRICK B-249 24932
- SINKS:**
- SK-1 - BRADLEY MODEL 6LX-1 EXPRESS GLX SERIES SINGLE STATION ADA AND TAS COMPLIANT
- FAUCETS:**
- DAT - BRADLEY 959-3500
 - VERGE™ FAUCET - METRO SERIES
- MISCELLANEOUS:**
- T.B. - TRASH BIN
 - B.C. - BABY CHANGING TABLE
- BATHROOM DISPENSERS:**
- TP-1 - BRADLEY RECESSED HIGH CAPACITY TOILET TISSUE DISPENSER B-2942
 - TP-2 - SURFACE-MOUNTED SINGLE TOILET TISSUE DISPENSER
 - SD-1 - LTX-12™ HYGIENE SERIES, 1,200 ML. AUTOMATIC, FOAM, WALL, BLACK
- WALL TILE:**
- KT-1 - TO BE CHOSEN BY ARCHITECT
- WALL PAINT CODE:**
- EP - IMPERVIOUS EPOXY PAINT
- WALL BASE:**
- ICB - INTEGRAL COVE BASE
- WALL TILE NOTE:**
 STAINLESS STEEL COVE & CORNER SYSTEM - SEE SPECS



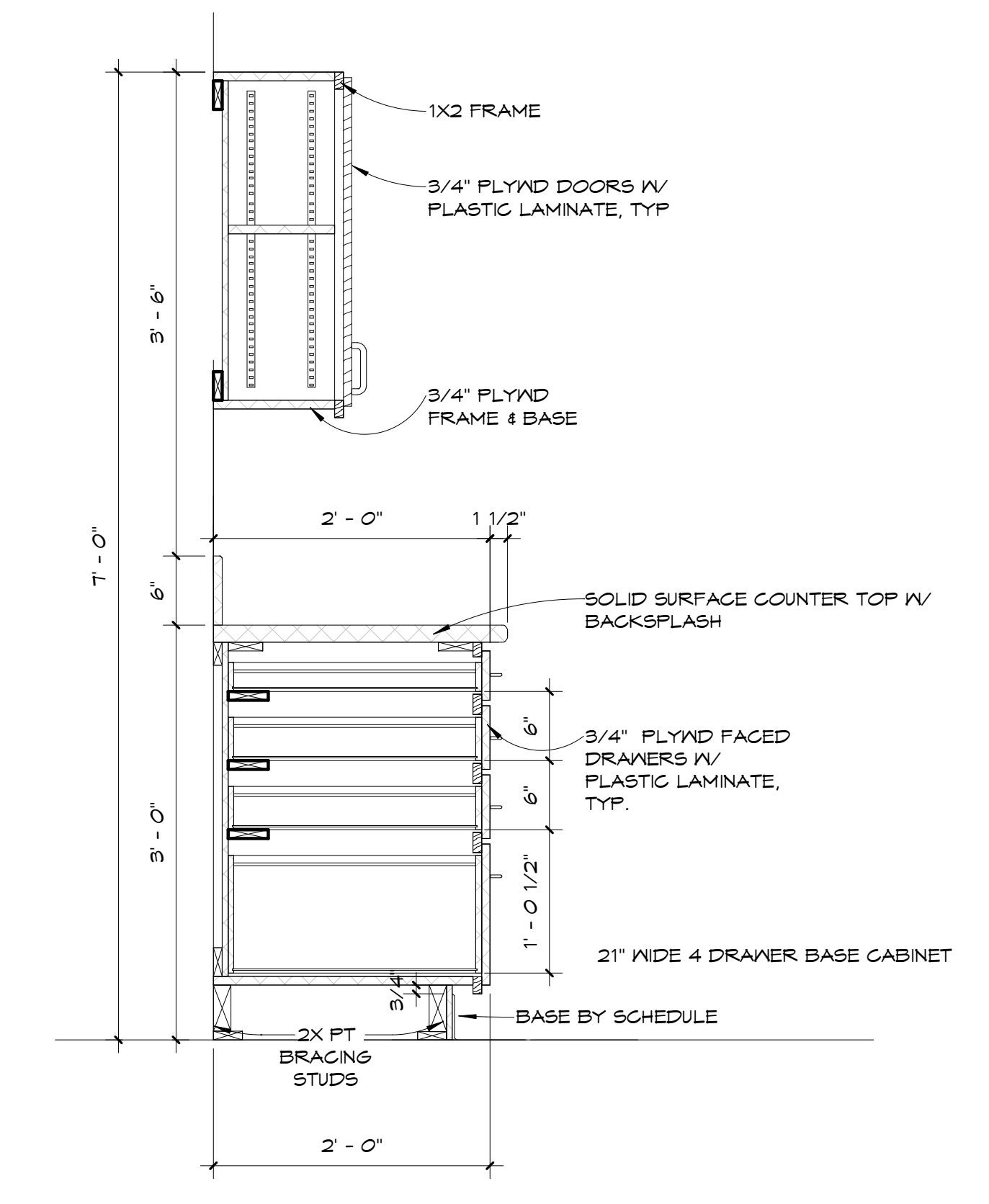
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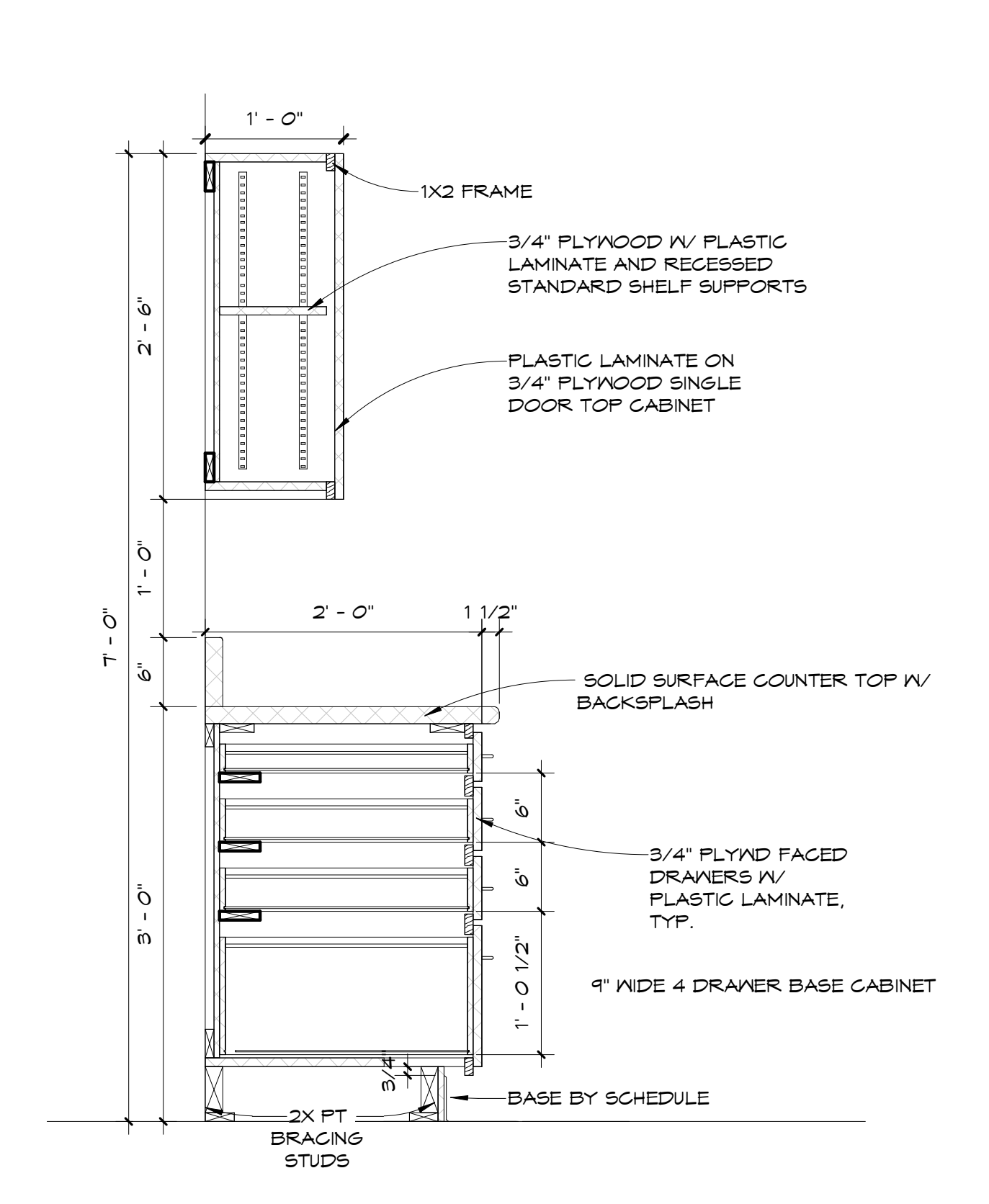
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 A5.06 1" = 1'-0"



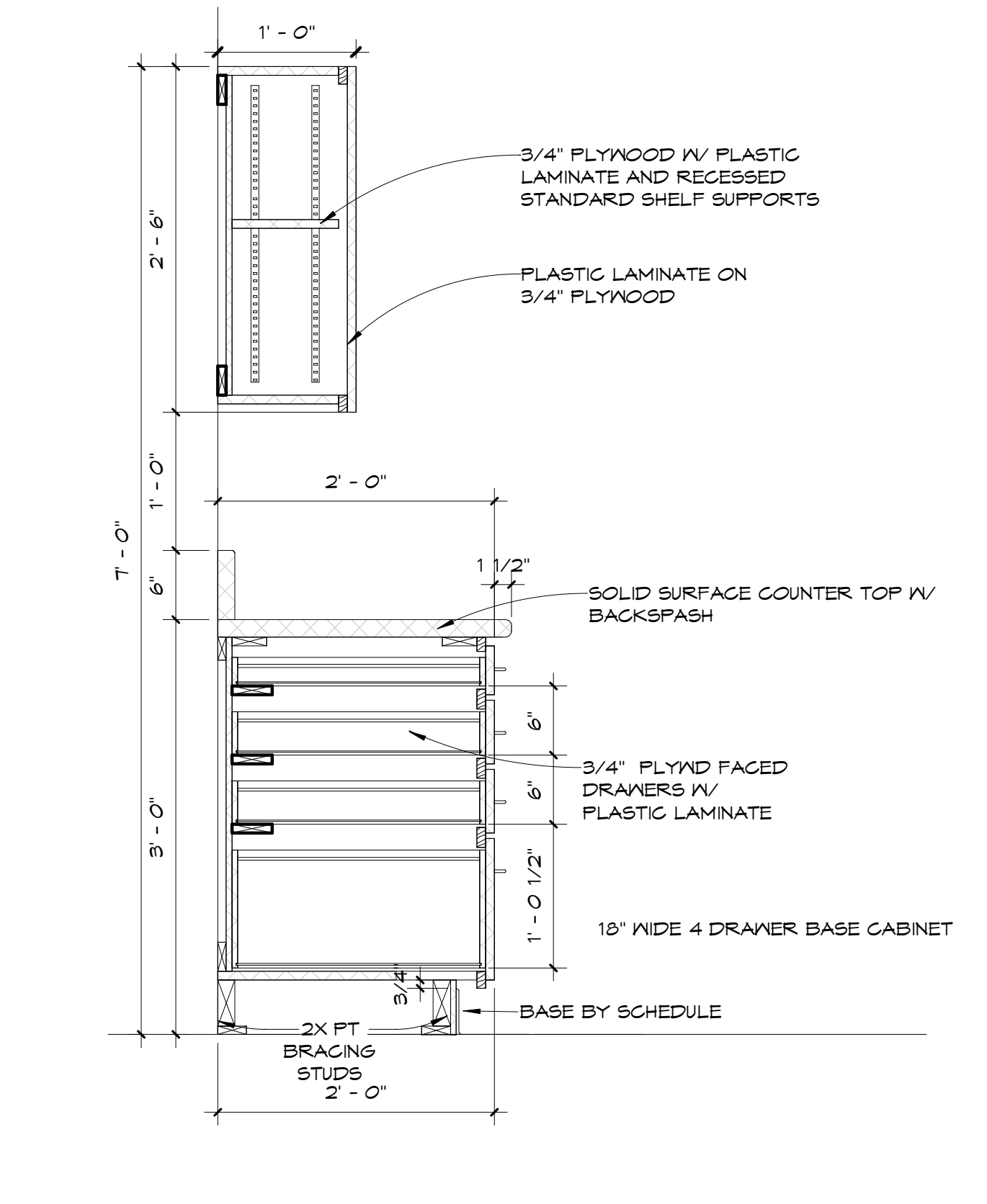
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 A5.06 1" = 1'-0"



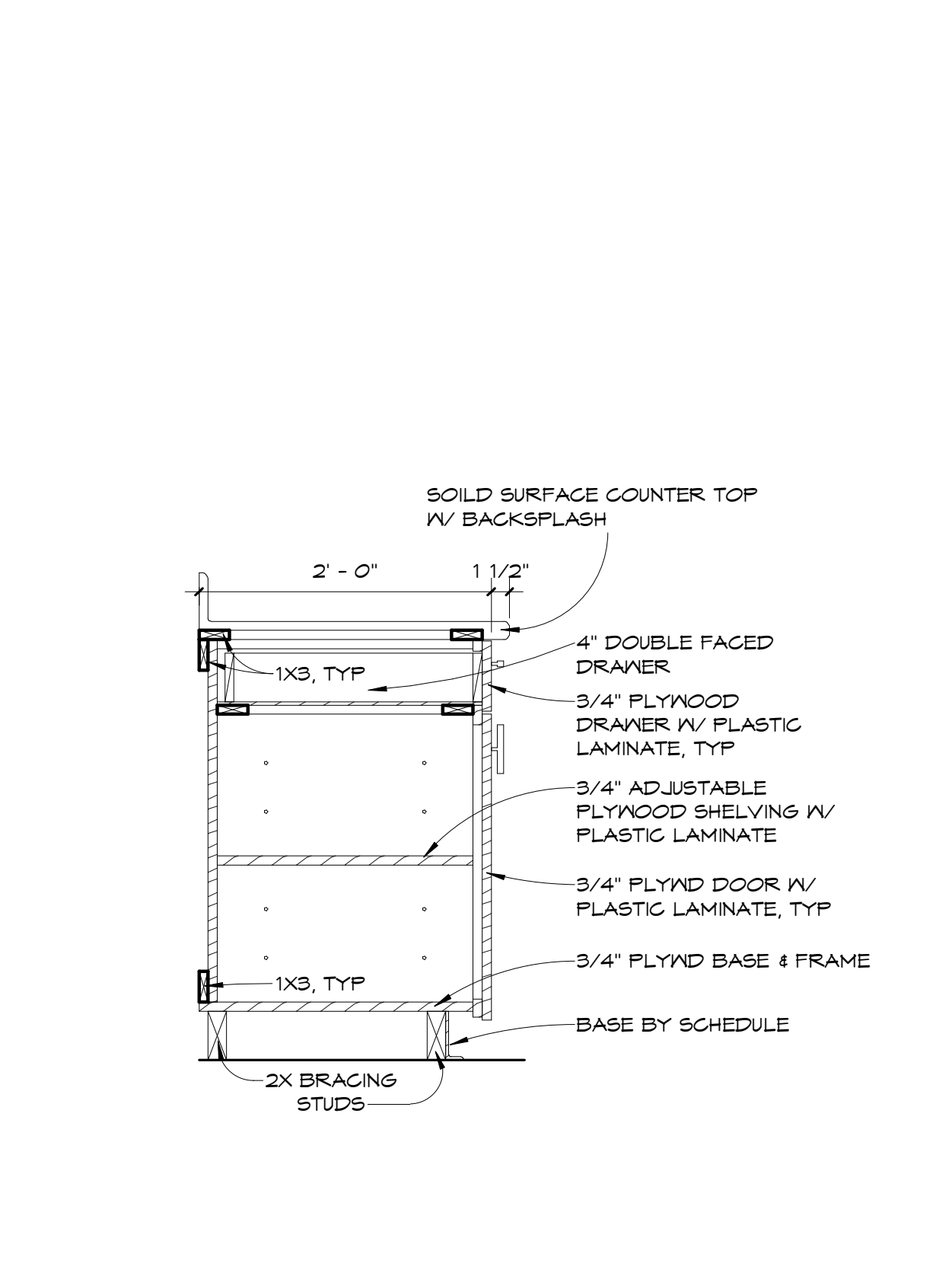
3 CASEWORK #3
 A5.06 1" = 1'-0"



4 CASEWORK #4
 A5.06 1" = 1'-0"

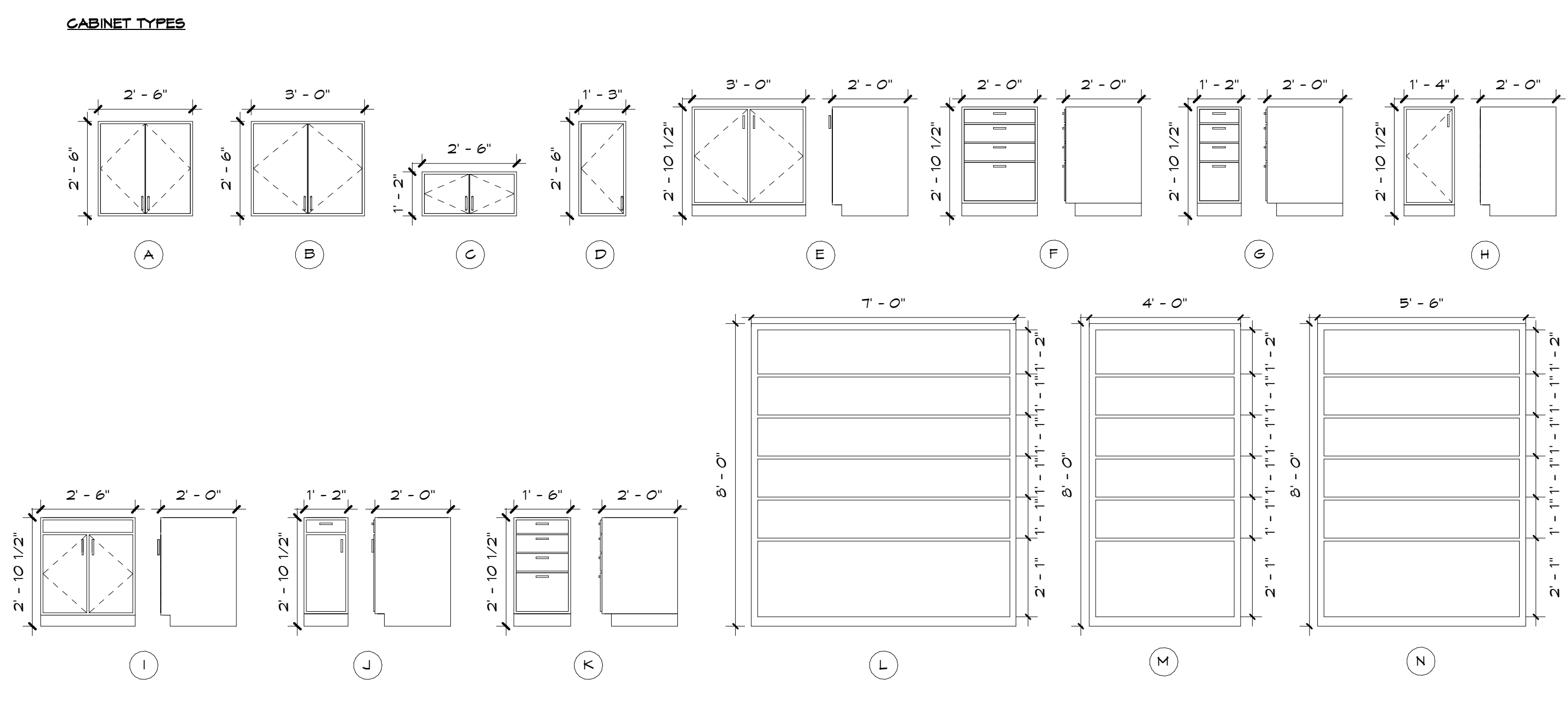


5 CASEWORK #5
 A5.06 1" = 1'-0"



6 CASEWORK #6
 A5.06 1" = 1'-0"

CASEWORK SCHEDULE					
TYPE MARK	ASSEMBLY DESCRIPTION	DEPTH	HEIGHT	WIDTH	COUNT
	Cabinets	2'-0"	2'-10 1/2"	2'-6"	2
A	Cabinets	1'-0"	2'-6"	2'-6"	3
B	Cabinets	1'-0"	2'-6"	3'-0"	1
C	Cabinets	1'-0"	1'-2"	2'-6"	3
D	Cabinets	1'-0"	2'-6"	1'-3"	1
E	Cabinets	2'-0"	2'-10 1/2"	3'-0"	3
F	Cabinets	2'-0"	2'-10 1/2"	2'-0"	1
G	Cabinets	2'-0"	2'-10 1/2"	1'-2"	2
H	Cabinets	2'-0"	2'-10 1/2"	1'-4"	1
I	Cabinets	2'-0"	2'-10 1/2"	2'-6"	1
J	Cabinets	2'-0"	2'-10 1/2"	1'-2"	2
K	Cabinets	2'-0"	2'-10 1/2"	1'-6"	2



DOOR SCHEDULE														COMMENTS	
MARK	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RESISTANCE	SMOKE RATING	GLAZING	HEAD DETAIL	JAMB DETAIL	THRESHOLD DETAIL	HARDWARE GROUP	COMMENTS
1-01A	3'-0"	T-0"	FLUSH	GHM	PT	GHM	PT		NO	NO	6/A6.02	8/A6.02	9/A6.02		
1-01B	3'-0"	T-0"	FLUSH	GHM	PT	GHM	PT		NO	NO	6/A6.02	8/A6.02	9/A6.02		
1-01C	6'-0"	8'-0"	NARROW LITE	SCN	SF	HM	PT	1H*		YES	12/A6.02	11/A6.02	10-A6.02		
1-01D	2'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-02A	6'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-02B	2'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-25A	6'-0"	T-0"	FLUSH	SCN	SF	HM	PT	1H*		NO	12/A6.02	11/A6.02	10-A6.02		
1-25B	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-27A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-27B	2'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-29A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-29B	2'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-30A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-31A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-32A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-33A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-34A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-35A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-36A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-36B	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT	1H*		NO	12/A6.02	11/A6.02	10-A6.02		
1-38A	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-38B	3'-0"	T-0"	NARROW LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-39A	3'-0"	T-0"	HALF LITE	SCN	SF	HM	PT		NO	YES	12/A6.02	11/A6.02	10-A6.02		
1-40A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-41A	6'-0"	8'-2"	FULL GLASS	ALU	PT	ALUM	PT		NO	LOX E					MEDIUM STILE DOOR PROFILE (V) MIDRAIL
1-41B	6'-0"	8'-0"	FULL GLASS	ALU	PT	ALUM	PT		NO	LOX E					MEDIUM STILE DOOR PROFILE (V) MIDRAIL
1-42A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-42B	2'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		
1-46A	3'-0"	T-0"	FLUSH	SCN	SF	HM	PT		NO	NO	12/A6.02	11/A6.02	10-A6.02		

DOOR SCHEDULE LEGEND	
DOOR MATERIAL	
SCN	- SOLID CORE WOOD DOOR
ALU	- ALUMINUM STOREFRONT
HM	- HOLLOW METAL DOOR
DOOR FINISH	
FF	- FACTORY FINISH
FT	- FIELD PAINT
SF	- STAINED & SEALED FACTORY FINISH
FRAME MATERIAL	
ALU	- ALUMINUM STOREFRONT
HM	- HOLLOW METAL
FRAME FINISHES	
PT	- PAINT, COLORS TO BE CHOSEN BY ARCHITECT
FF	- FACTORY FINISH
GLAZING TYPES	
IR	- LAMINATED, IMPACTED RESISTANT, TINTED INSULATED GLAZING
CT	- CLEAR TEMPERED SAFETY GLAZING
HARDWARE GROUPS	
REFER TO SPECS FOR DETAILS	
THRESHOLD	
REFER TO DETAILS	

- DOOR SCHEDULE NOTES**
- FRAME AND DOOR TYPES ARE SHOWN IN ELEVATIONS
 - DETAILS ARE REFERENCED ON ELEVATIONS
 - ALL ALUMINUM STOREFRONT SHALL BE ANODIZED ALUMINUM FINISH - COLORS TO BE CHOSEN BY ARCHITECT
 - ALL EXTERIOR ALUMINUM STOREFRONT SHALL BE ANODIZED ALUMINUM FINISH - COLORS TO BE CHOSEN BY ARCHITECT
 - ALL INTERIOR GLASS SHALL BE 1/4" TEMPERED CLEAR GLASS EXCEPT WHERE FIRE RATED GLASS IS REQUIRED
 - ALL EXTERIOR GLASS SHALL BE BRONZE LAMINATED IMPACT RESISTANT TINTED INSULATED GLAZING - SEE SPECS
 - GLASS IN FIRE RATED WALLS SHALL HAVE AUTOMATIC FIRE SPRINKLER DELUGE SYSTEM (EXCEPTION: GLASS LITES IN DOORS)



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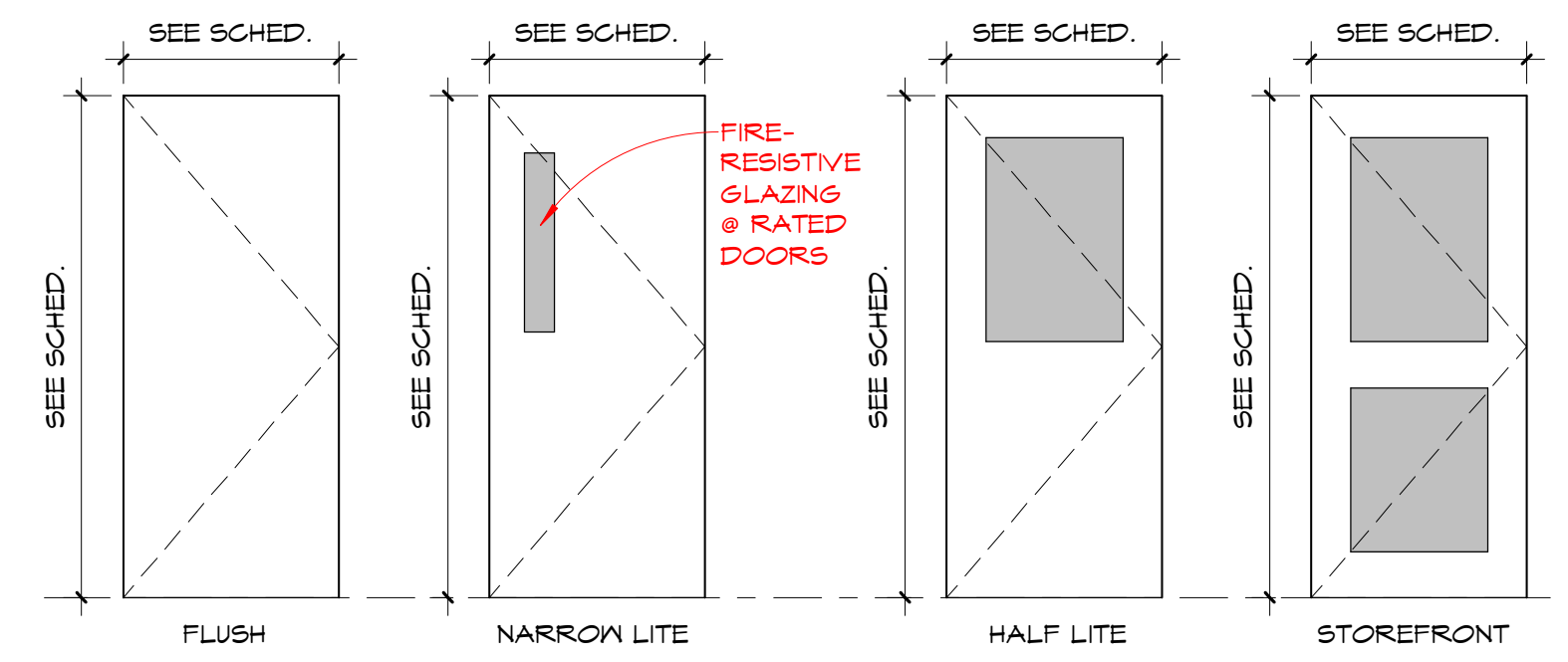
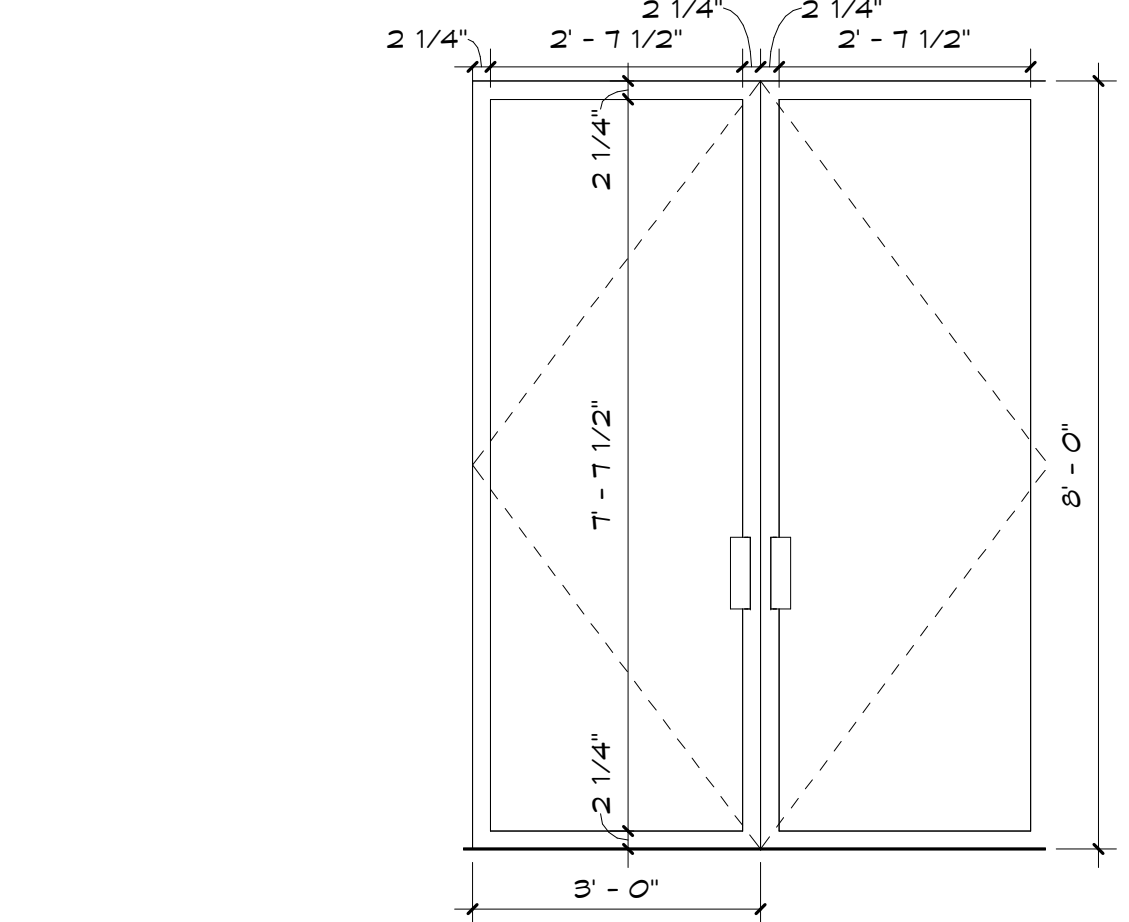


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2 1-41 A-B 1/2" = 1'-0" 1 DOOR TYPES 3/8" = 1'-0"

ROOM FINISH SCHEDULE														COMMENTS	
NUMBER	NAME	FLOOR FINISH	BASE FINISH	NORTH WALL MATERIAL	NORTH WALL FINISH	SOUTH WALL MATERIAL	SOUTH WALL FINISH	WEST WALL MATERIAL	WEST WALL FINISH	EAST WALL MATERIAL	EAST WALL FINISH	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	COMMENTS
1-01	SANCTUARY	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	VARIES	
1-01A	SANCTUARY SEATING	LVT	-	-	-	-	-	-	-	-	-	GYP	FF	-	
1-01A	SANCTUARY SEATING	LVT	-	-	-	-	-	-	-	-	-	GYP	FF	-	
1-01A	SANCTUARY SEATING	LVT	-	-	-	-	-	-	-	-	-	GYP	FF	-	
1-01A	SANCTUARY SEATING	LVT	-	-	-	-	-	-	-	-	-	GYP	FF	-	
1-02	SOUND	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	-	
1-03	I.T.	SC	-	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	9'-0"	
1-05	ELECT.	SC	-	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	9'-0"	
1-06	STAGE	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	-	
1-06A	BAPTISTRY	SC	-	GYP	SP	GYP	SP	GYP	SP	GYP	SP	EXP	-	-	
1-25	STORAGE ROOM	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	8'-0"	
1-26	CHOR	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	10'-0"	
1-27	NURSERY	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-28	TLT.	SE	ICB	MR GYP	EP	MR GYP	EP	MR GYP	TL	MR GYP	TL	GYP	FF	9'-0"	
1-29	NURSERY	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-30	CLASSRM.	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-31	CLASSRM.	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-32	CLASSRM.	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-33	CLASSRM.	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	9'-0"	
1-34	WOMEN'S	SE	ICB	MR GYP	TL	MR GYP	TL	MR GYP	EP	MR GYP	EP	GYP	FF	9'-0"	
1-35	MEN'S	SE	ICB	MR GYP	EP	MR GYP	EP	MR GYP	TL	MR GYP	TL	GYP	FF	9'-0"	
1-36	PASTOR	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	10'-0"	
1-38	KITCHEN	SE	ICB	GYP	EP	GYP	EP	GYP	EP	GYP	EP	ACT-1	FF	10'-0"	
1-39	OFFICE	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	ACT-1	FF	10'-0"	
1-40	RECORDS	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	10'-0"	
1-41	FELLOWSHIP	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	EXP	GYP	VARIES	
1-41	FELLOWSHIP	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	EXP	GYP	VARIES	
1-41	FELLOWSHIP	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	EXP	GYP	VARIES	
1-42	PANTRY	SE	ICB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	10'-0"	
1-43	PATHWAY	LVT	-	-	-	-	-	-	-	-	-	-	-	-	
1-46	CHANGING ROOM	LVT	VB	GYP	SP	GYP	SP	GYP	SP	GYP	SP	GYP	FF	10'-0"	
2-47	EQUIP. PLATFORM	SC	-	GYP	SP	GYP	SP	GYP	SP	GYP	SP	EXP	-	-	

ROOM FINISH SCHEDULE (CODE LEGEND)	
FLOOR FINISH MATERIAL CODES:	
SE	- SEAMLESS POLYMER EPOXY
LVT	- LUXURY VINYL TILE
SC	- SEALED CONCRETE
BASE MATERIAL CODES:	
VB	- 6" VINYL BASE
ICB	- 6" INTEGRAL COVE BASE
WALL MATERIAL CODES:	
GYP	- GYPSUM WALL BOARD
MR GYP	- MOISTURE RESISTANT GYPSUM WALL BOARD
WALL FINISH CODES:	
SP	- SATIN PAINT (TO BE CHOSEN BY ARCHITECT)
PT	- PAINT (TO BE CHOSEN BY ARCHITECT)
EP	- IMPERVIOUS EPOXY PAINT (TO BE CHOSEN BY ARCHITECT)
WT-1	- TILE (TO BE CHOSEN BY ARCHITECT)
CEILING MATERIAL CODES:	
ACT-1	- 2X2 ACOUSTICAL CEILING TILE
EXP	- EXPOSED STRUCTURE
GYP	- GYPSUM BOARD ON METAL STUD
CEILING FINISH CODES:	
FF	- FLAT PAINT
FF	- FACTORY FINISH

NOTE:
1. FOR WALL TILE PATTERNS REFER TO INTERIOR ELEVATIONS
2. FOR FLOOR PATTERNS REFER TO FLOOR PATTERN SHEET
3. LVT CHOSEN VARY IN THICKNESS. INSTALL ARDEX LEVELING COMPOUND WHERE NEEDED TO ENSURE FOR A SEAMLESS TRANSITION BETWEEN FLOORINGS.

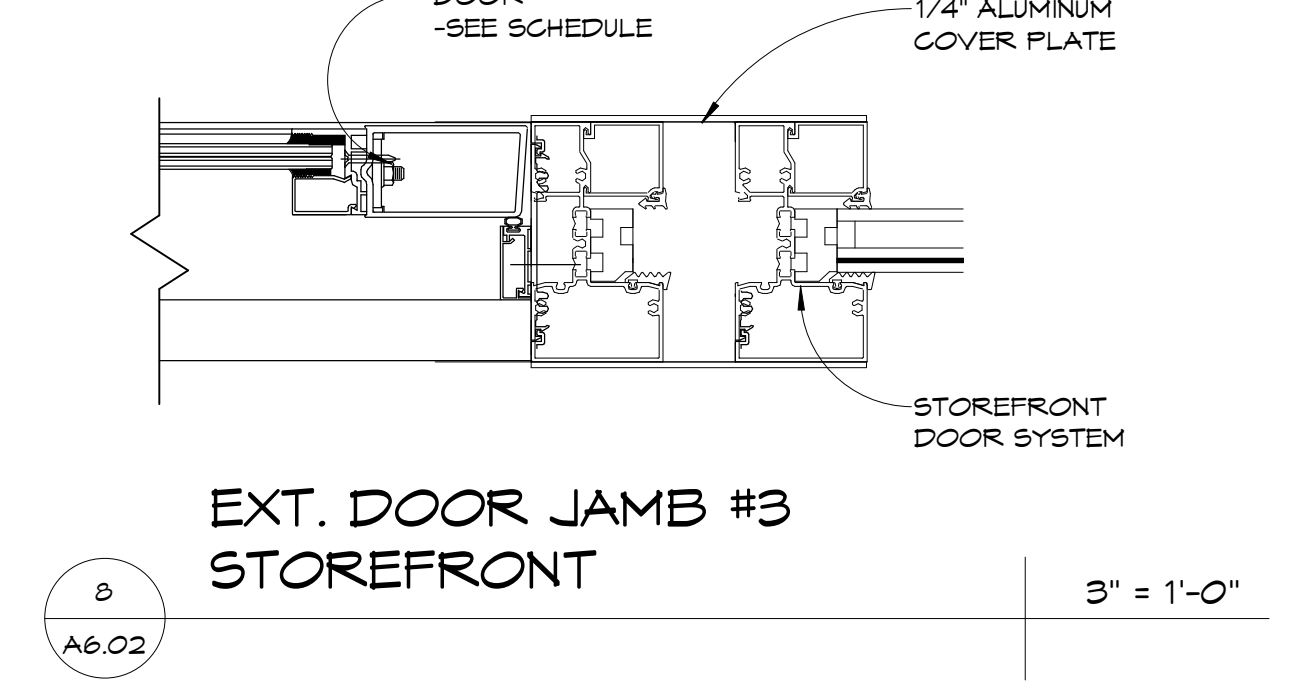
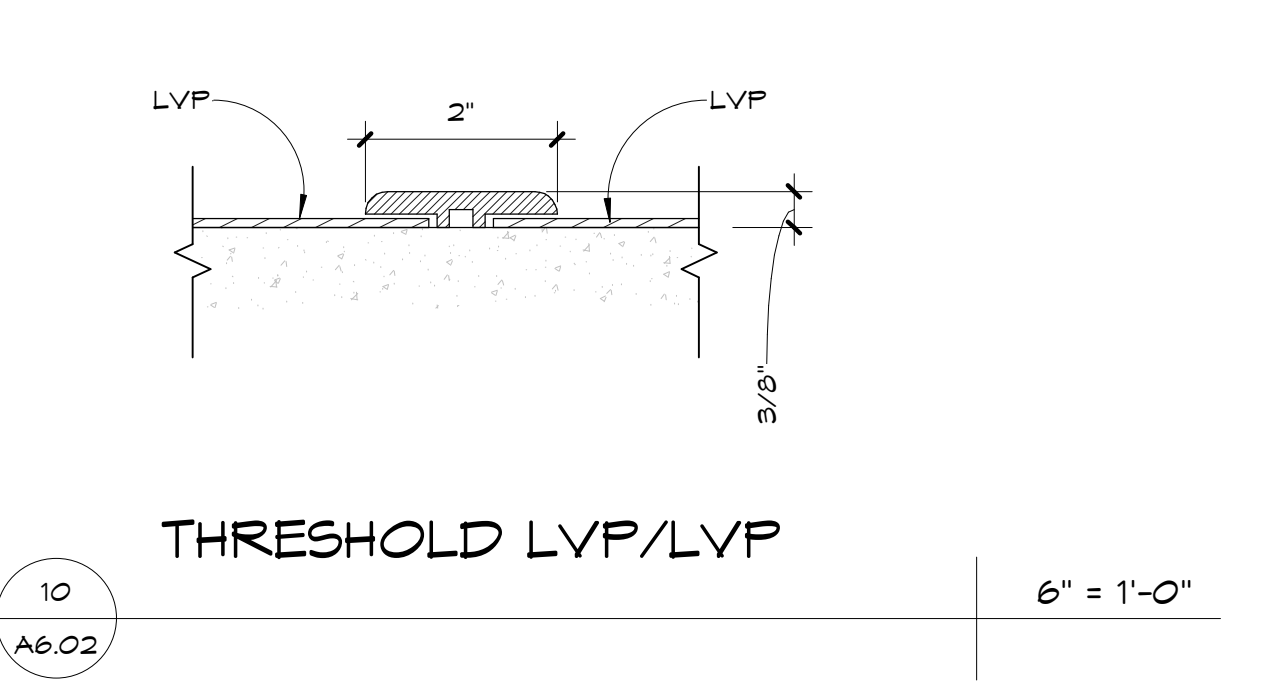
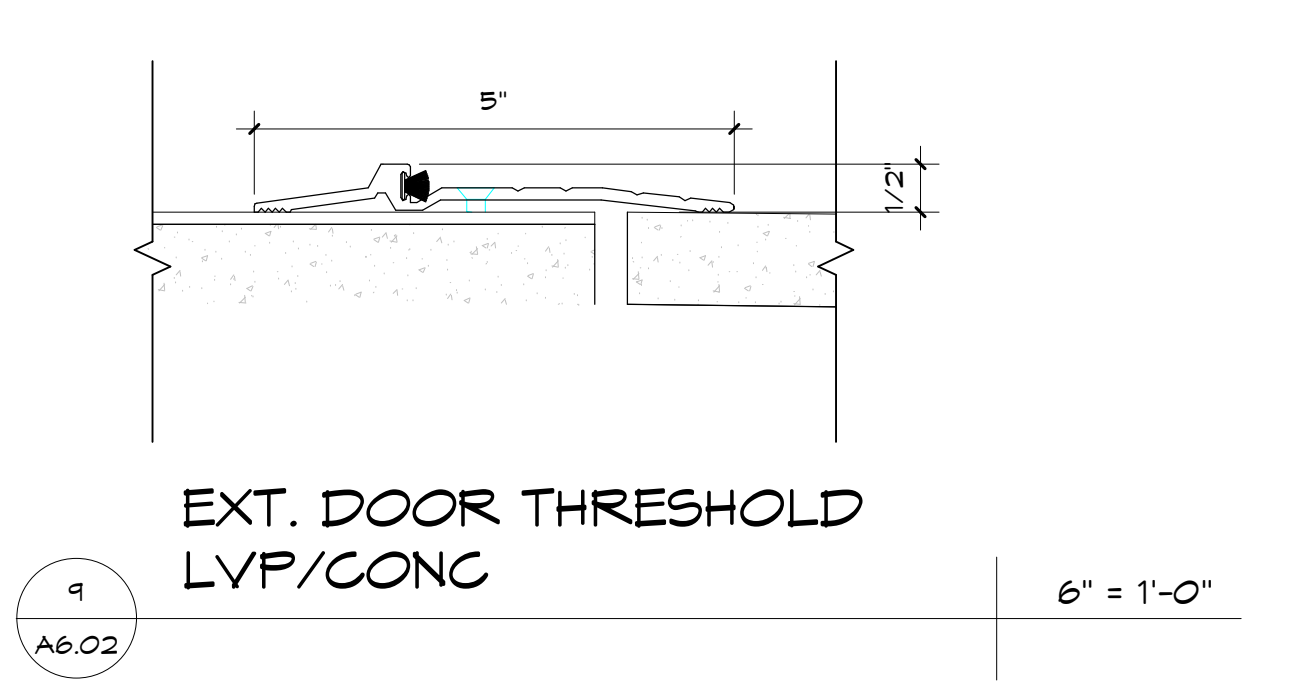
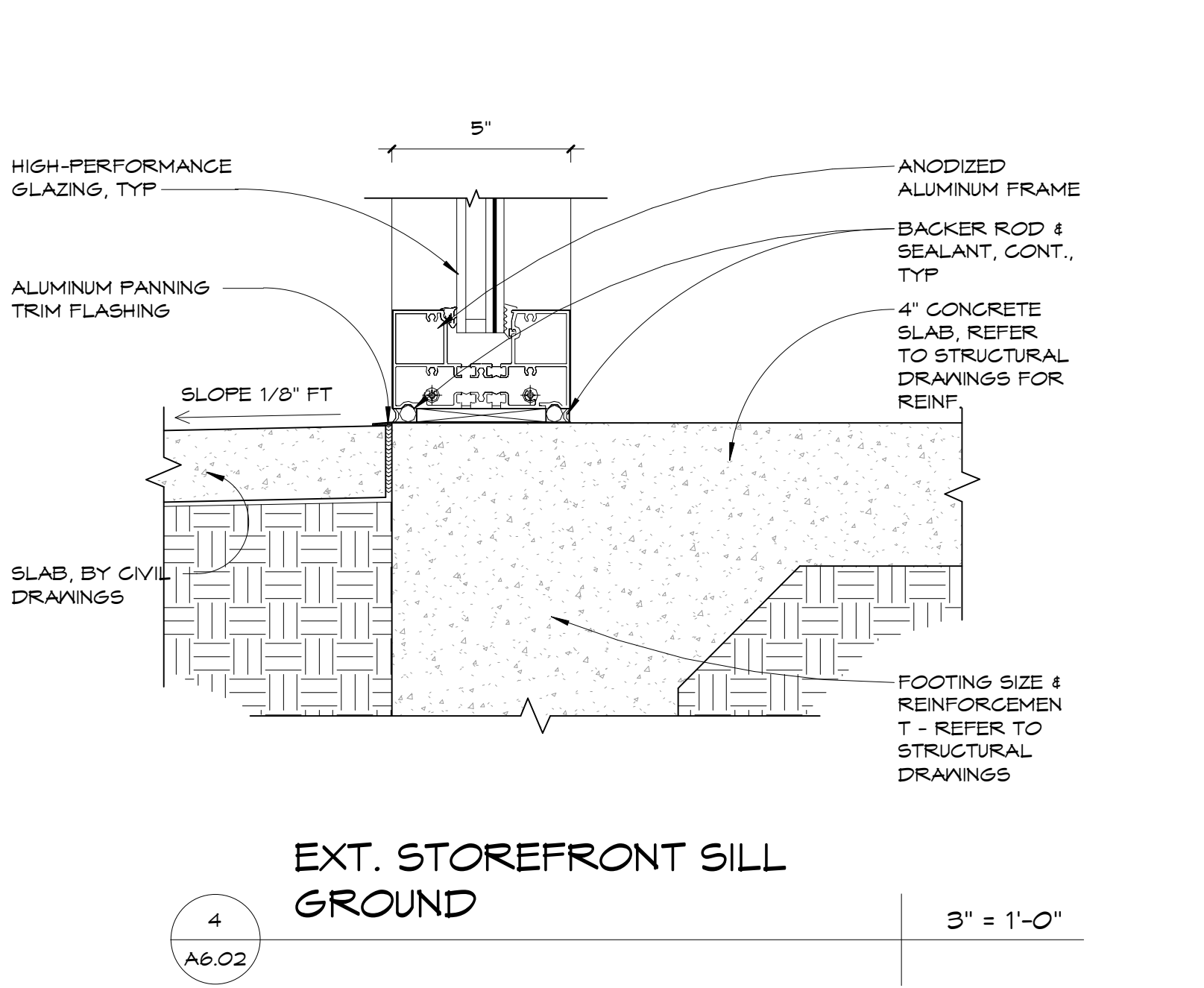
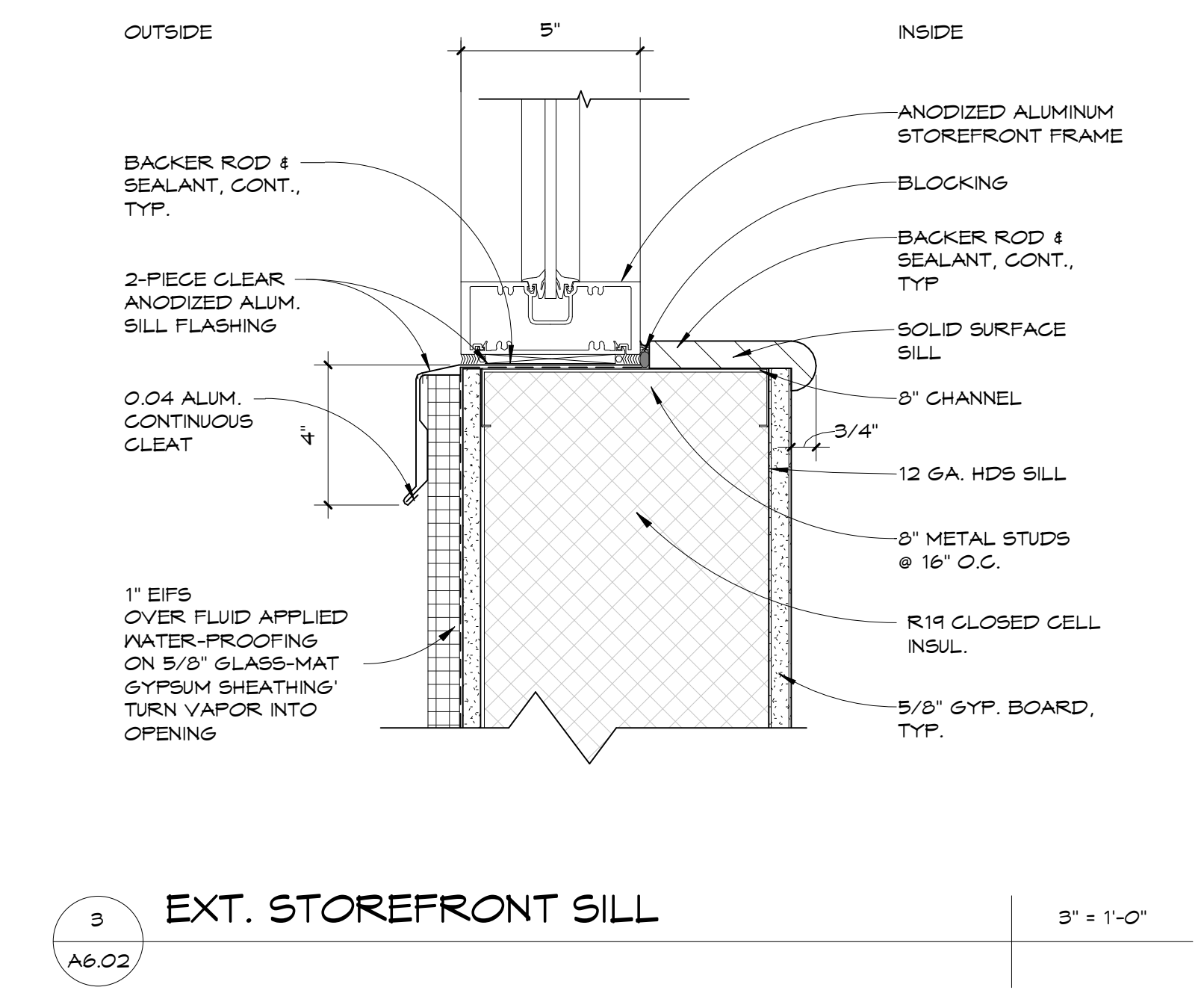
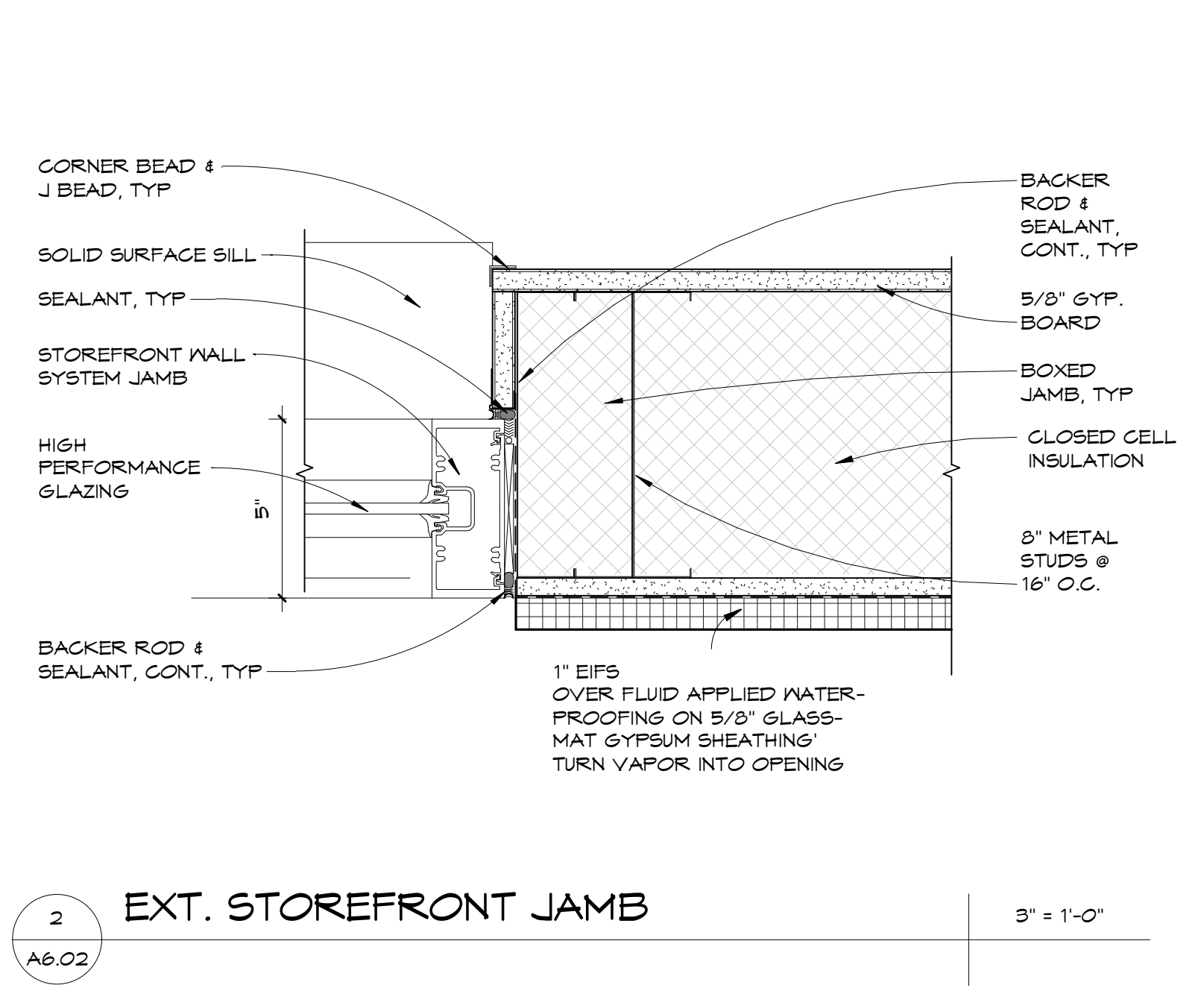
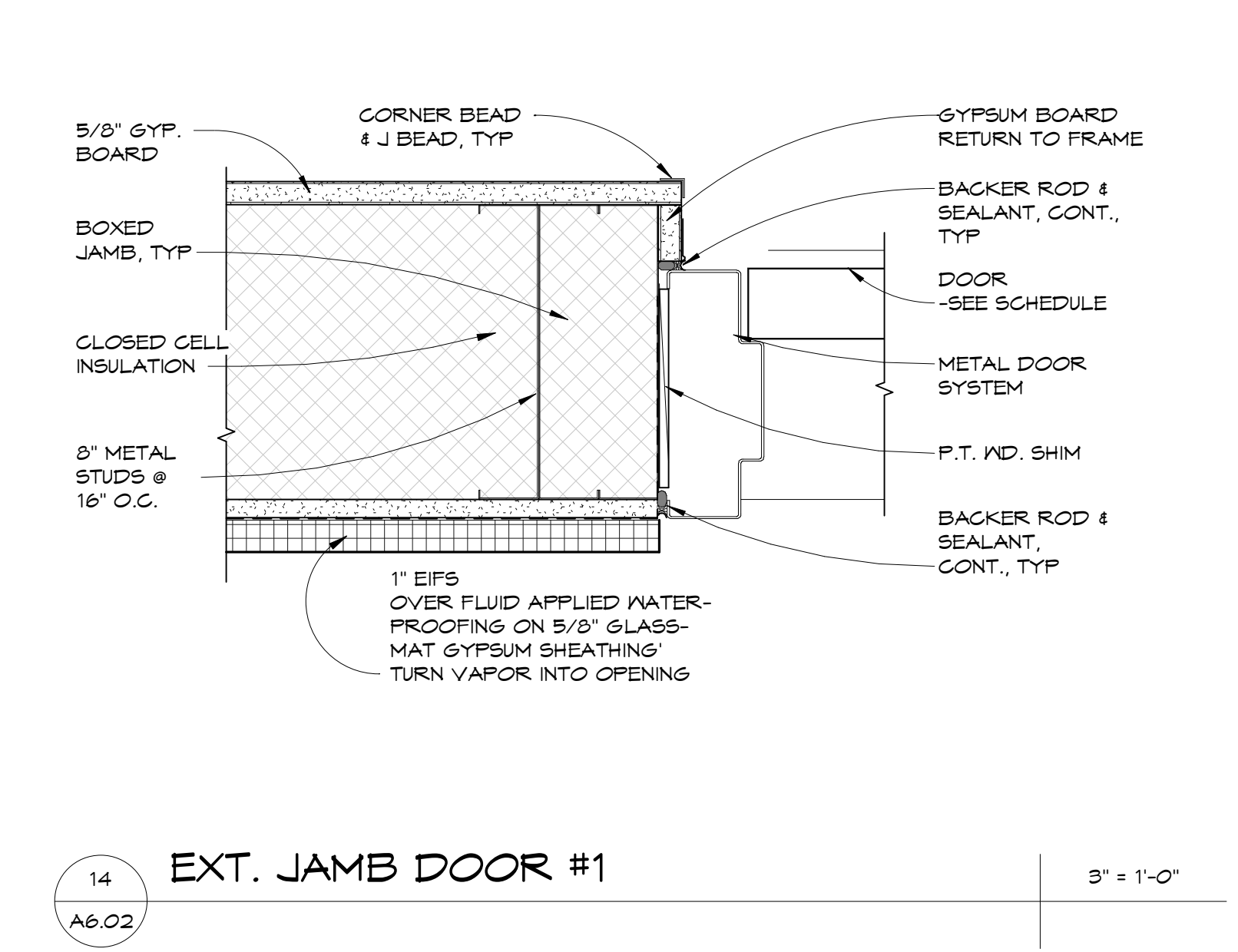
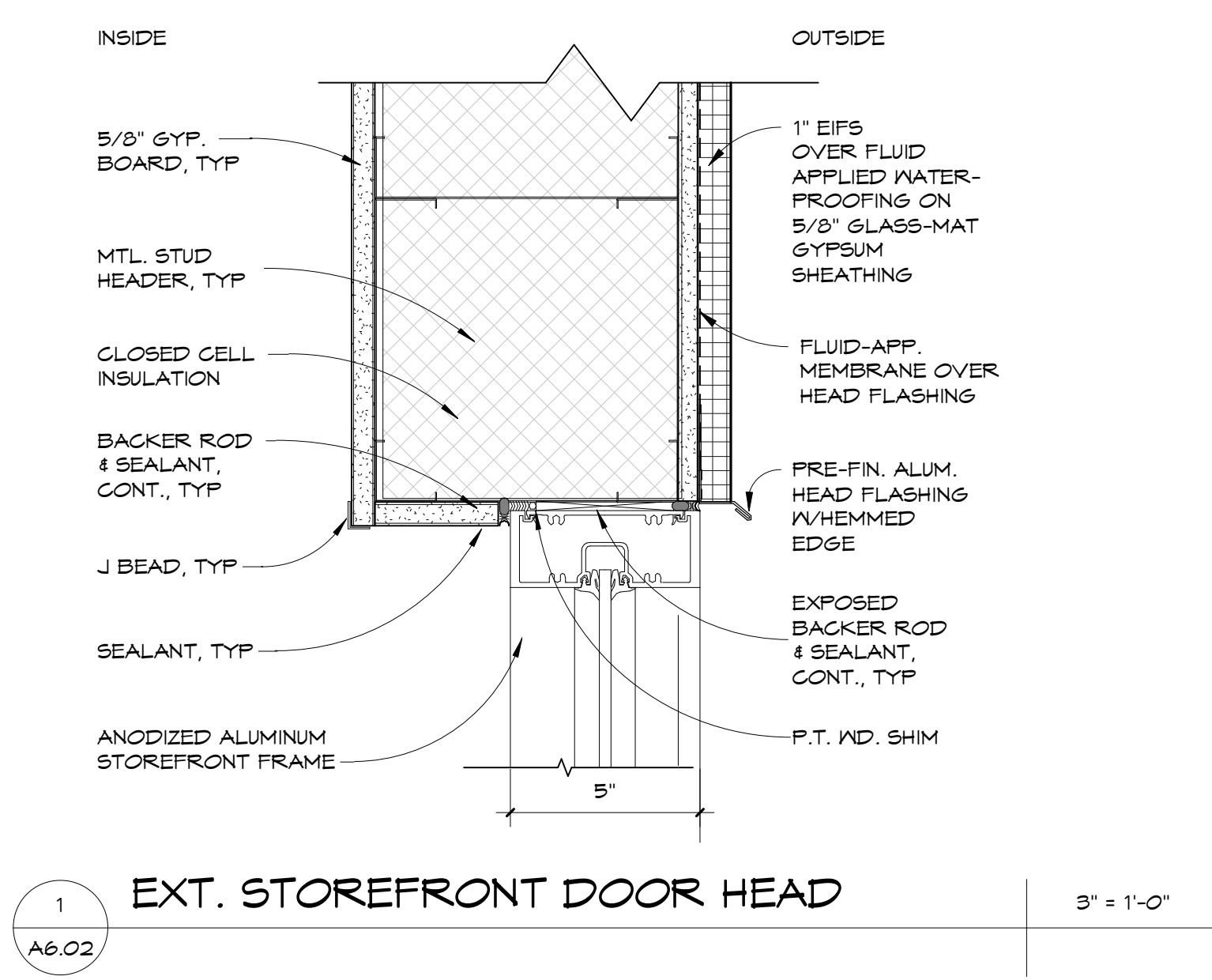
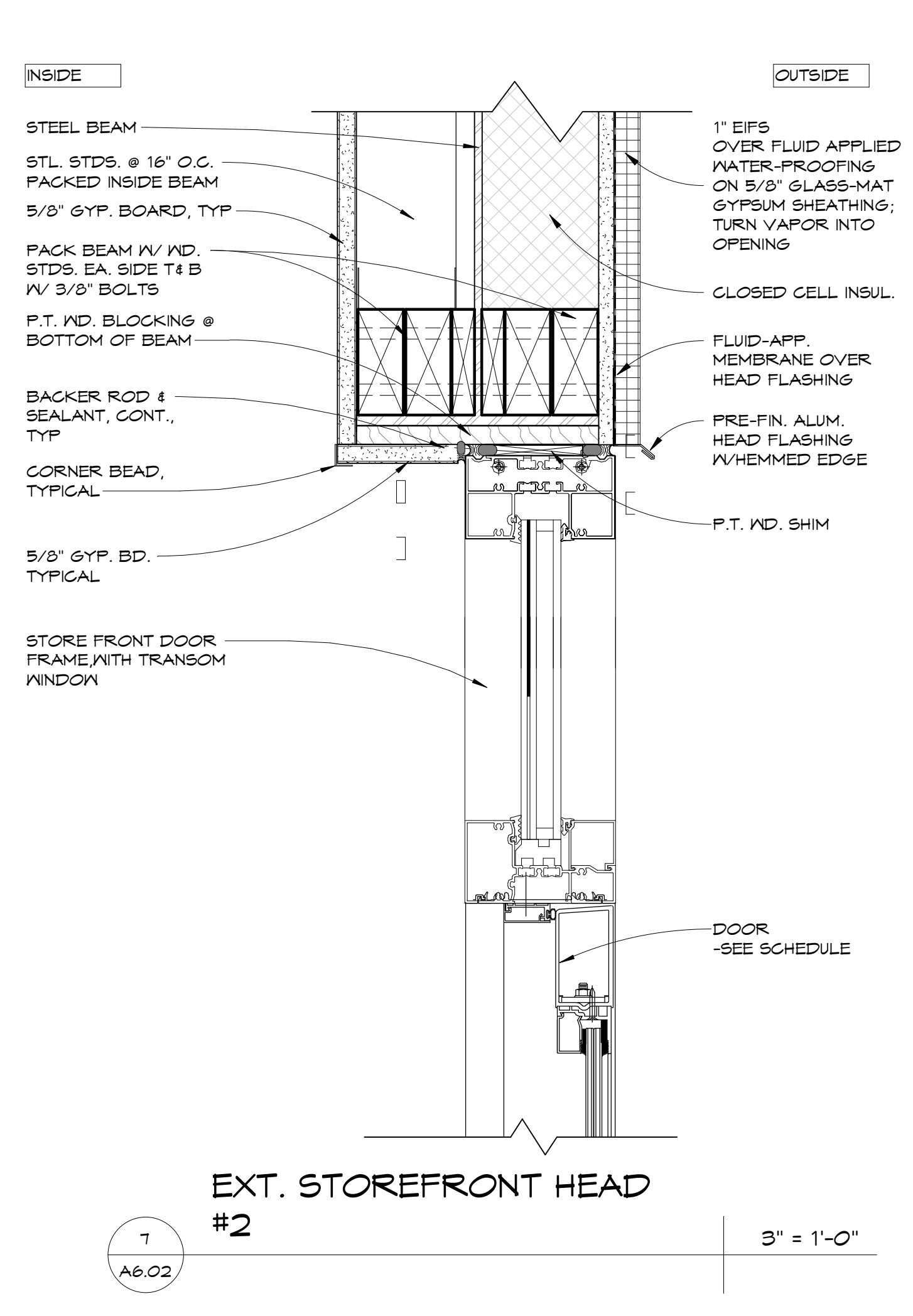
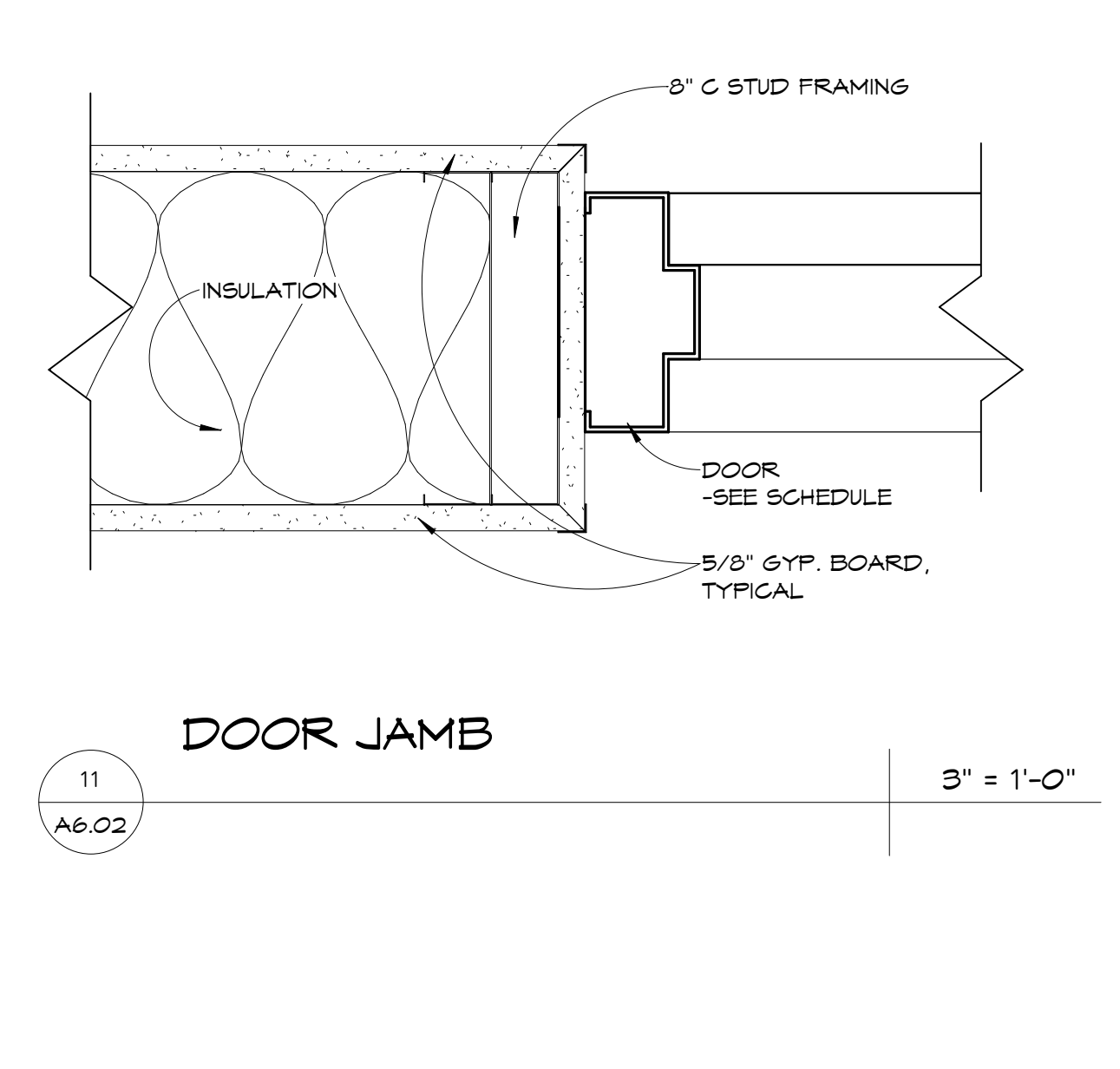
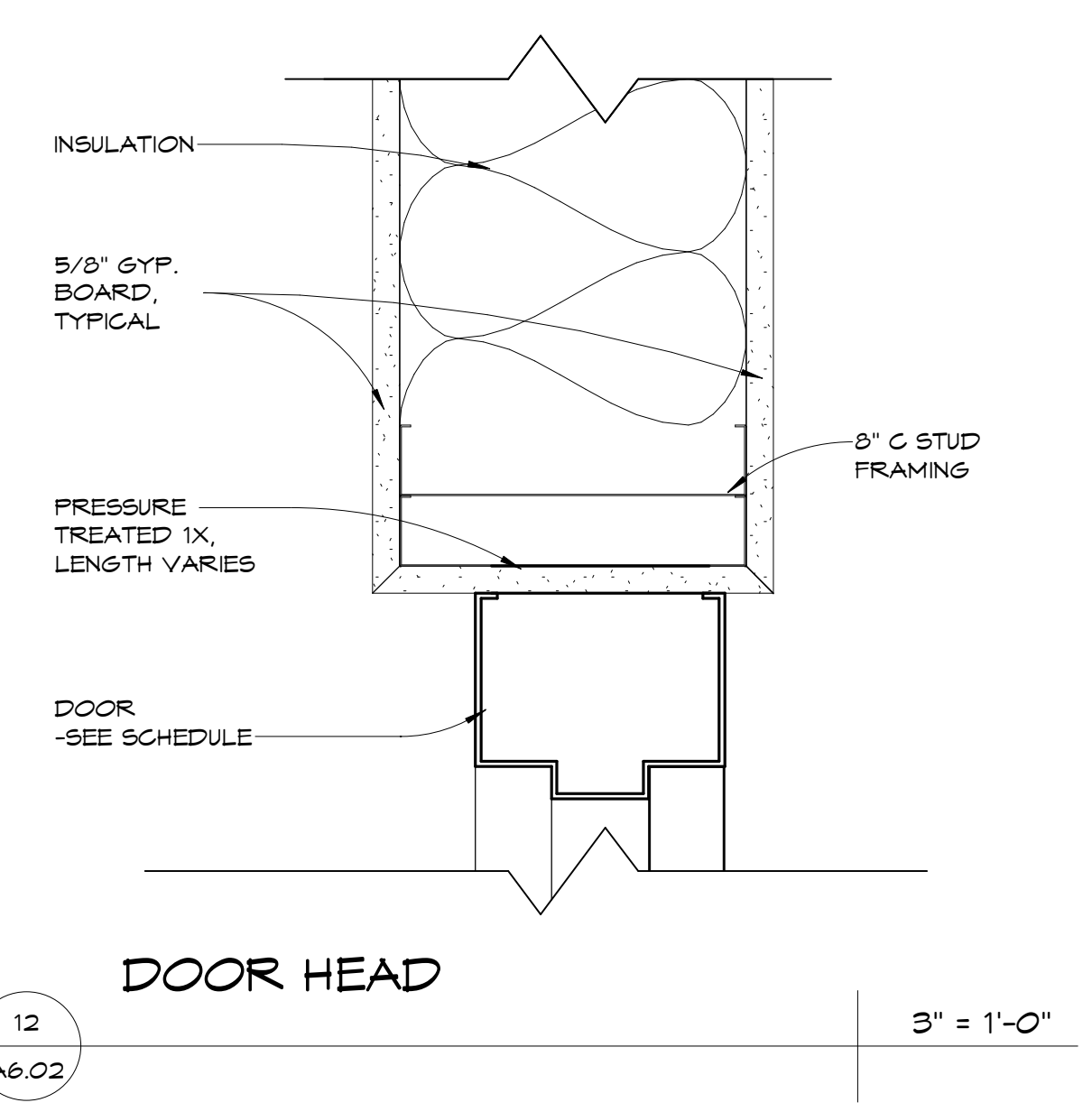
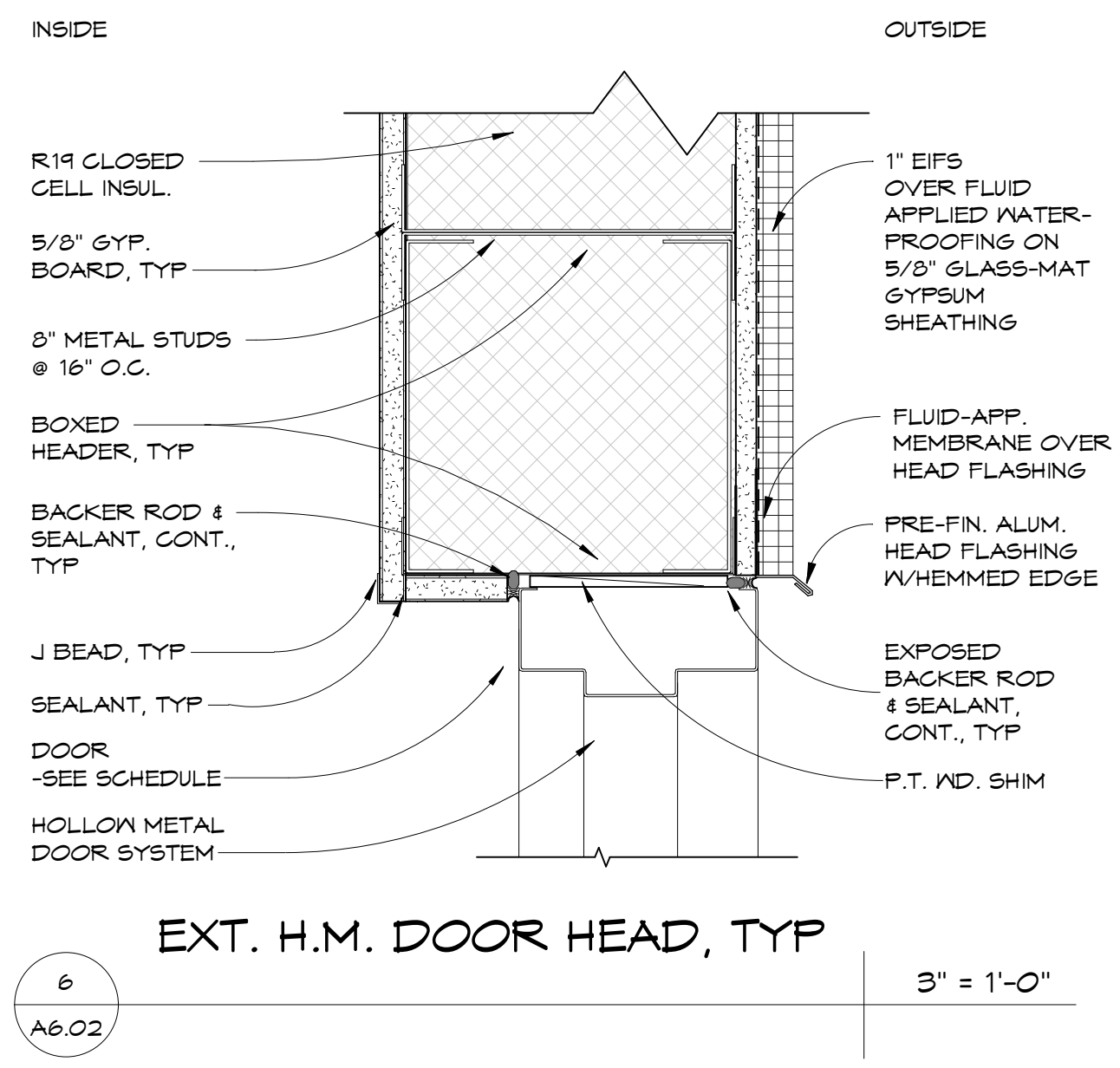
CONSTRUCTION DOCUMENTS

SCALE: As Indicated	DATE: 10/10/2024
DRAWN BY: JB, CS, KJ	CHECKED BY: AA, JS, HLG
NO.	REVISION: DATE:

SHEET TITLE:
DOOR & ROOM FINISH SCHEDULE

PROJECT NO: 4323	SHEET NO: A6.01
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SCR & ASSOCIATES NWFL
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PANAMA CITY BEACH, FL 32413

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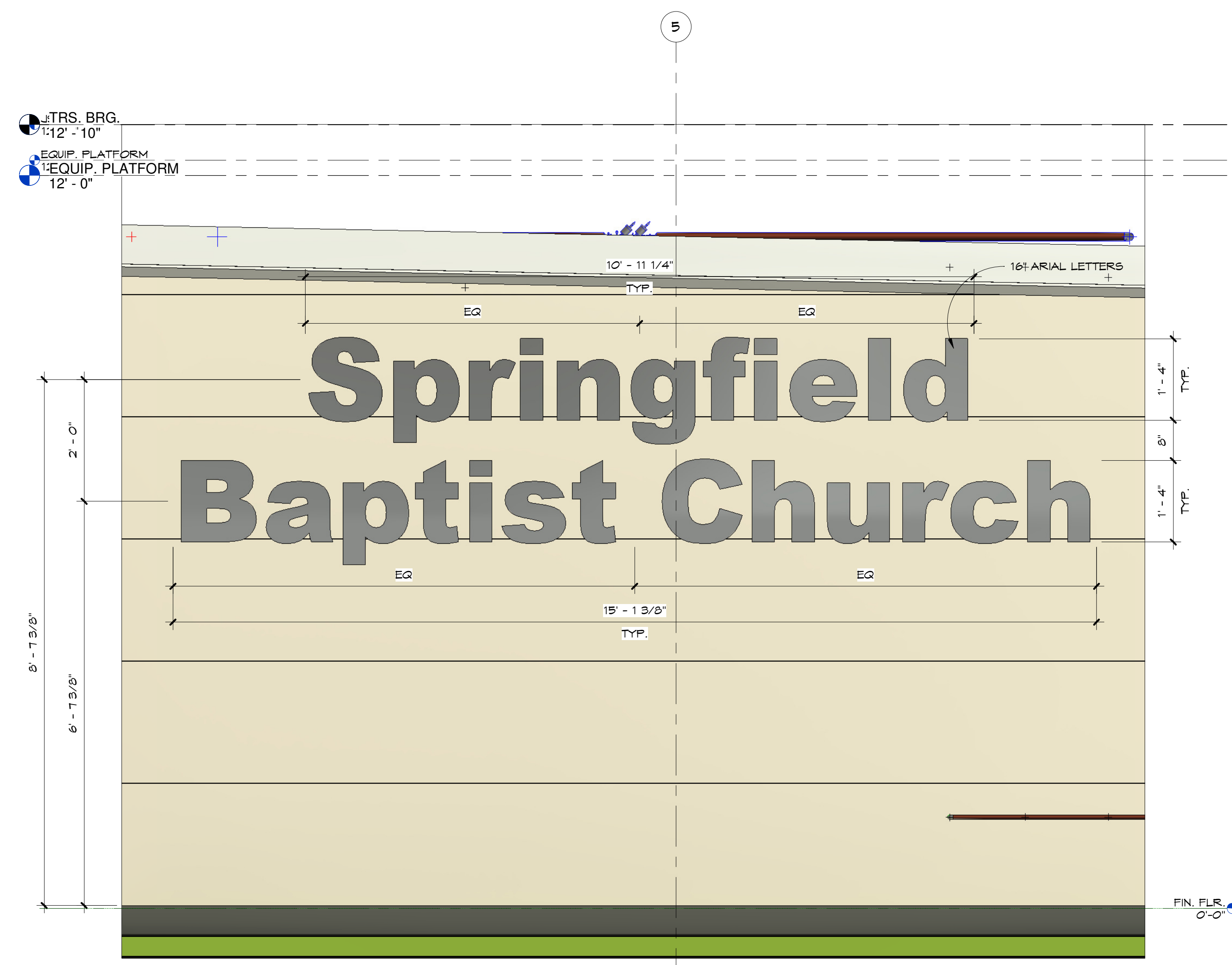
SHEET TITLE:
DOOR DETAILS

PROJECT NO: 4323 SHEET NO: A6.02

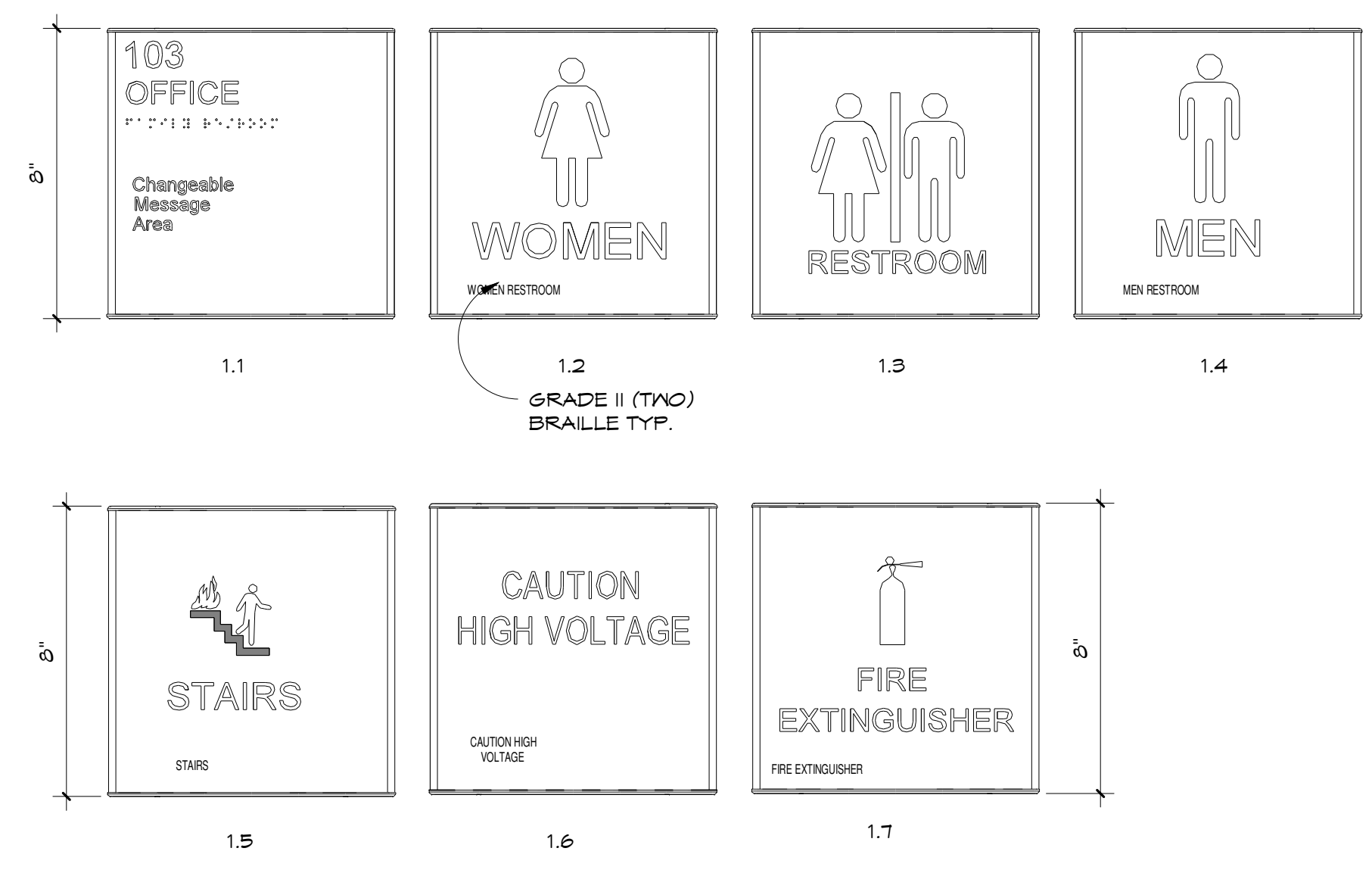
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ROOM SIGNAGE SCHEDULE					
MARK	TO ROOM NUMBER	TO ROOM NAME	SIGN TYPE	SIGNAGE TEXT	SIGN LOCATION
1-33A	1-33	CLASSROOM	1.1	CLASSROOM	FELLOWSHIP
1-33A	1-32	CLASSROOM	1.1	CLASSROOM	FELLOWSHIP
1-33A	1-31	CLASSROOM	1.1	CLASSROOM	FELLOWSHIP
1-30A	1-30	CLASSROOM	1.1	CLASSROOM	FELLOWSHIP
1-21A	1-21	NURSERY	1.1	NURSERY	FELLOWSHIP
1-21A	1-21	NURSERY	1.1	NURSERY	FELLOWSHIP
1-01C	1-01	SANCTUARY	1.1	SANCTUARY	FELLOWSHIP
1-01A	1-01	SANCTUARY	1.1	SANCTUARY	EXTERIOR
1-26A	1-26	CHOR	1.1	CHOR	STAGE
1-01B	1-01	SANCTUARY	1.1	SANCTUARY	EXTERIOR
1-34A	1-34	WOMEN'S	1.2	WOMEN'S	FELLOWSHIP
1-35A	1-35	MEN'S	1.4	MEN'S	FELLOWSHIP
1-36A	1-36	PASTOR	1.1	PASTOR	FELLOWSHIP
1-36A	1-36	PASTOR	1.1	PASTOR	FELLOWSHIP
1-36B	1-36	PASTOR	1.1	PASTOR	SANCTUARY
1-36B	1-36	PASTOR	1.1	PASTOR	SANCTUARY
1-36B	1-36	PASTOR	1.1	PASTOR	SANCTUARY
1-36B	1-36	PASTOR	1.1	PASTOR	SANCTUARY
1-46A	1-46	CHANGING ROOM	1.1	CHANGING ROOM	BAPTISTRY
1-26B	1-26	CHOR	1.1	CHOR	EXTERIOR
1-40A	1-40	RECORDS	1.1	RECORDS	FELLOWSHIP
1-33A	1-33	KITCHEN	1.1	KITCHEN	FELLOWSHIP
1-01D	1-01	JAN.	1.1	JAN.	SANCTUARY
1-42A	1-42	PANTRY	1.1	PANTRY	KITCHEN
1-42B	1-42	PANTRY	1.1	PANTRY	JAN.
1-26A	1-26	TLT.	1.3	TLT.	NURSERY
1-26B	1-26	TLT.	1.3	TLT.	NURSERY
1-26B	1-26	NURSERY	1.1	NURSERY	NURSERY
1-05A	1-05	ELECT.	1.1 / 1.6	ELECTRICAL ROOM	FELLOWSHIP
1-25A	1-25	STORAGE ROOM	1.1	STORAGE ROOM	SANCTUARY
1-41B	1-41	FELLOWSHIP	1.1	FELLOWSHIP	EXTERIOR
1-41A	1-41	FELLOWSHIP	1.1	FELLOWSHIP	EXTERIOR
1-05A	1-05	LT.	1.1	LT.	STORAGE ROOM



1
 A9.01
 ILLUMINATED CHANNELED ALUMINUM LETTERS
 3/4" = 1'-0"

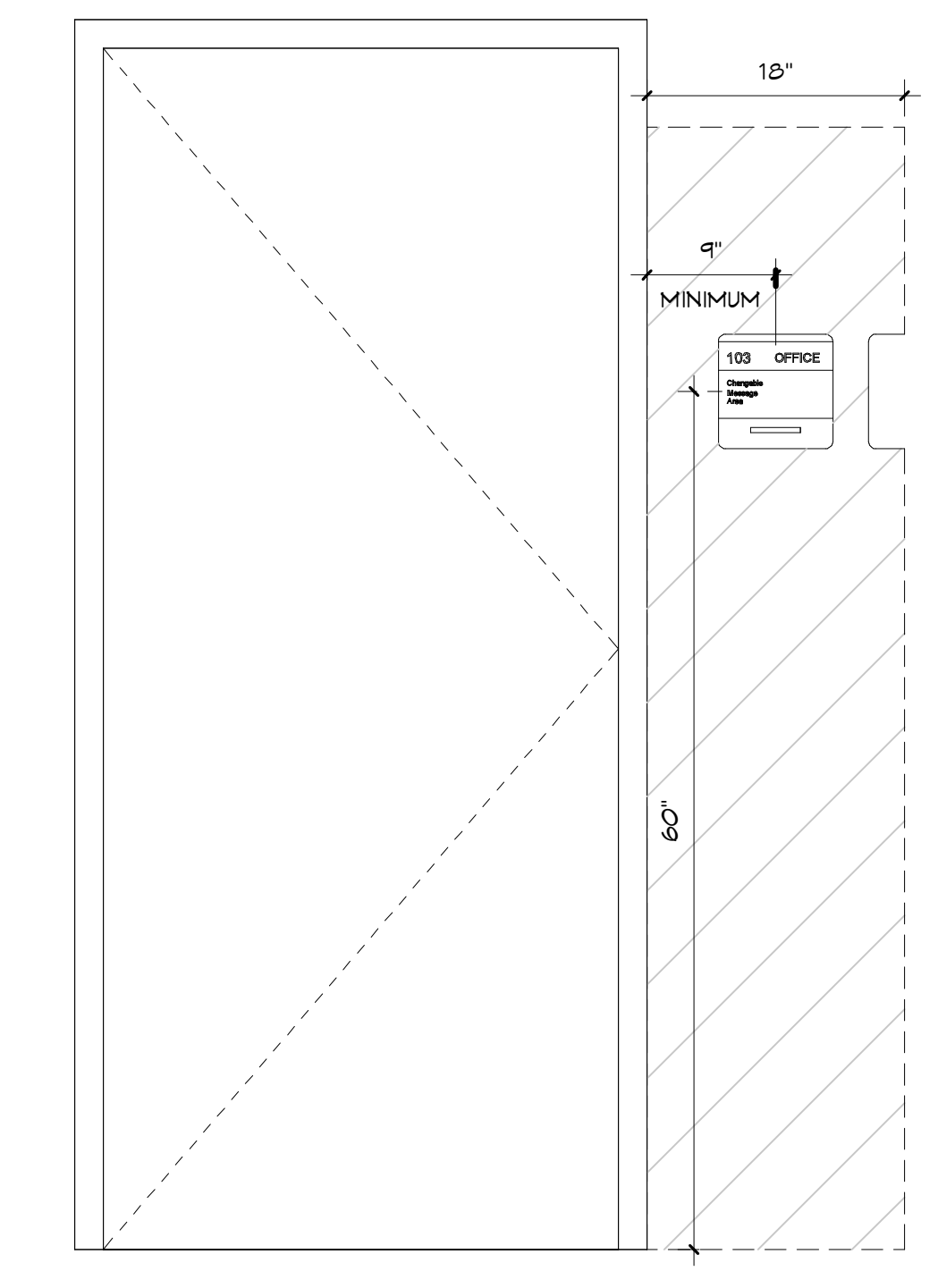


DOOR SIGN TYPE 3"x1'-0"

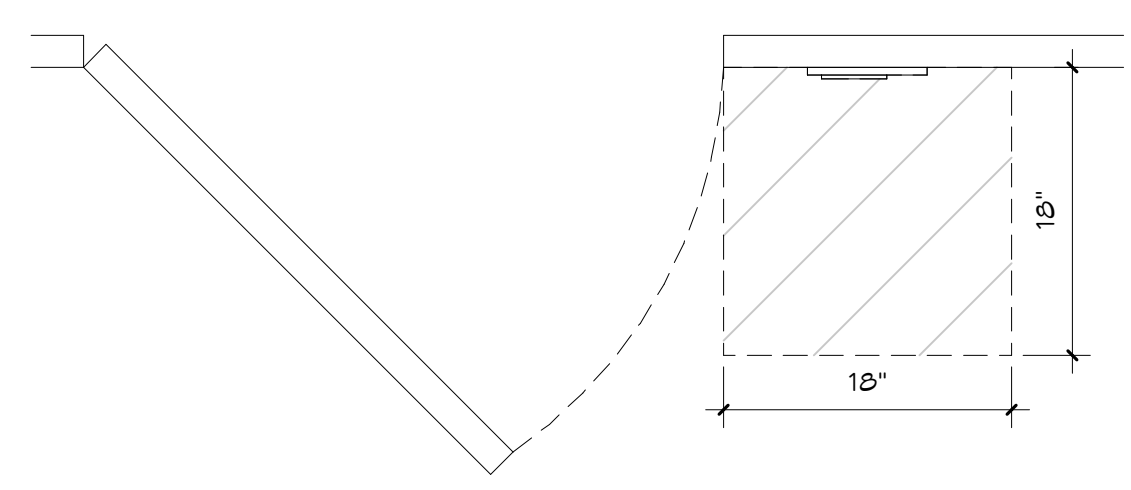
ADA SIGN SUMMARY:

- NOTE:** THE FOLLOWING RULES APPLY TO SIGNS THAT IDENTIFY A ROOM, SPACE OR AREA. INFORMATIONAL AND DIRECTIONAL SIGNS DO NOT REQUIRE BRAILLE OR RAISED CHARACTERS, HOWEVER MAY FOLLOW MANY OF OTHER REQUIREMENTS.
- SIGNS THAT IDENTIFY A ROOM, SPACE OR AREA SHALL HAVE RAISED CHARACTERS AND BRAILLE.
 - SIGNS SHALL HAVE NON-GLARE FINISH WITH CONTRASTING COLORS.
 - PICTOGRAMS SHALL BE IN THEIR 6" HEIGHT FIELD. ADD A SYMBOL IF ACCESSIBLE.
 - CHARACTERS MUST BE SANS SERIF AND ALL UPPERCASE.
 - CHARACTERS MUST BE BETWEEN 5/8" AND 2" WITH A MINIMUM OF 1/8" SPACING.
 - FONT SHALL BE ADA COMPLIANT, NOT OVERLAY BOLD, CONDENSED, ITALIC, ETC.
 - A 3/8" MINIMUM MARGIN IS REQUIRED AROUND ALL RAISED ELEMENTS, INCLUDING BRAILLE.
 - A 1" HIGH SPACE IS NEEDED FOR ONE LINE BRAILLE.
 - BRAILLE SHALL BE ALL TOGETHER AND 3/8" TO 1/2" BELOW LAST LINE OF TEXT.
 - LINE SPACING SHALL BE 35-10% OF CHARACTER HEIGHT.
 - ADA SIGNS ARE REQUIRED FOR BOTH PUBLIC ACCESS AND ALL EMPLOYEE AREAS.

DOOR SIGN LOCATION 1"x1'-0"



- CENTER SIGN BETWEEN AN 18" MINIMUM AREA AND THE "CENTER OF THE TACTILE CHARACTERS".
- MAXIMUM MOUNTING HEIGHT OF TACTILE CHARACTERS IS 60" ABOVE FLOOR BASELINE OF CHARACTERS.
- MINIMUM MOUNTING HEIGHT OF BRAILLE IS 48" ABOVE FLOOR TO BASELINE OF BRAILLE CELLS.
- ROOM SIGN TO BE MOUNTED ON THE LATCH SIDE OF THE DOOR.
- ON DOUBLE DOORS WITH BOTH LEAFS ACTIVE, THE SIGN SHALL BE MOUNTED ON THE RIGHT SIDE.
- WHERE THERE IS NOT ENOUGH WALL SPACE FOR MOUNTING THE SIGN USE NEAREST ADJACENT WALL.
- CEILING OR WALL PROJECTION SIGNS MUST HAVE MINIMUM CLEARANCE OF 80" FROM BOTTOM OF SIGN TO THE FLOOR.



- SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" BY 18" MINIMUM, CENTERED TO THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

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LEGEND - FLOOR PATTERN

LVT-1	LUXURY VINYL TILE SHAN CONTRACT - CULTURA COLLECTION - CROSSING PATHS - 2.5MM - COLOR: SUMMIT - SIZE: 18" X 18"
LVT-2	LUXURY VINYL TILE SHANCONTRACT - JOY SQUARED - 2.5 MM - COLOR: SKY - SIZE: 24" X 24"
LVT-3	LUXURY VINYL TILE SHANCONTRACT - CULTURA COLLECTION - IN UNISON 2.5MM - COLOR: TOGETHER - SIZE: 4" X 36"
LVT-4	LUXURY VINYL TILE SHAN CONTRACT - CULTURA COLLECTION - CROSSING PATHS 2.5MM - COLOR: GROVE - SIZE: 18" X 18"
SE-2	SEAMLESS POLYMER EPOXY W/ INTEGRAL COVE BASE TORSINOL COLLECTION: FLAKE
SC	SEALED CONCRETE

NOTE:

- FINISHES SPECIFIED ARE FOR FRIGING PURPOSES ONLY-FINAL SELECTIONS ARE BY OWNER/ARCHITECT.
- LVT CHOSEN VARY IN THICKNESS, INSTALL ARDEX LEVELING COMPOUND WHERE NEEDED TO ENSURE FOR A SEAMLESS TRANSITION BETWEEN FLOORINGS.

1 FIRST FLOOR PATTERN 3/16" = 1'-0"

GENERAL IRRIGATION NOTES	
1. ALL UTILITIES TO BE LOCATED BEFORE COMMENCEMENT OF CONSTRUCTION. APPLY NECESSARY PROTECTIVE MEASURES TO REDUCE POSSIBILITY OF DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.	
2. ALL CONTROL WIRE TO BE 14 GAUGE INSTALL ONE (1) RED WIRE TO EACH CONTROL VALVE, ONE (1) COMMON WHITE TO LOOP CONTINUOUSLY THROUGHOUT THE WIRE PATH, AND ONE (1) EXTRA BLUE WIRE TO RUN PARALLEL WITH COMMON.	
3. ALL LATERAL LINES TO MAINTAIN A 6" MINIMUM DEPTH. ALL MAINLINES TO MAINTAIN A MINIMUM 12" DEPTH.	
4. ALL SPRAYS AND ROTORS TO BE MOUNTED FLUSH WITH FINAL GRADE.	
5. ALL WATERING ARCS TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO ADJACENT ROADS, BUILDINGS, OR HARDSCAPES.	
6. FIELD ADJUST SPRINKLER HEADS FOR FULL COVERAGE OF LANDSCAPING.	
SYSTEM DESIGN NOTES	
WATER SOURCE: CITY SUPPLIED WATER AVAILABLE: VERIFY 75 GALLON PER MINUTE VALVE PRESENT: VERIFY PRESSURE RELIEF AND OPERATING.	
DESIGN VOLUME: 75 GPM DESIGN PRESSURE: 65 PSI DRIP IRRIGATION NOTES	
REFERENCE THE FOLLOWING TABLE FOR DRIP EMITTER INSTALLATION PER PLANT:	
PLANT SIZE	EMITTER QTY/FLOW
1 GAL. OR LESS	1 @ 0.5 GPH
3 GAL.	1 @ 2.0 GPH
7 GAL.	1 @ 5.0 GPH
15 GAL.	2 @ 5.0 GPH
30 GAL.	3 @ 5.0 GPH
45 GAL.	3 @ 10.0 GPH
65 GAL.	3 @ 10.0 GPH
100 GAL.	4 @ 10.0 GPH
PALMS	3@ 10.0 GPH

QUANTITY	SYMBOL	SIZE / DESC.	DESCRIPTION	MANUFACTURER
4		8	1804-8Q POP-UP SPRAY HEAD 1/4 TURN	RAIN BIRD
21		8	1804-8H POP-UP SPRAY HEAD 1/2 TURN	RAIN BIRD
0		8	1804-8F POP-UP SPRAY HEAD FULL TURN	RAIN BIRD
0		8V	1804-8VAN VAN ADJUSTABLE NOZZLE 8"	RAIN BIRD
0		10	1804-10Q 10' 1/4 TURN PATTERN NOZZLE	RAIN BIRD
0		10	1804-10H 10' 1/2 TURN PATTERN NOZZLE	RAIN BIRD

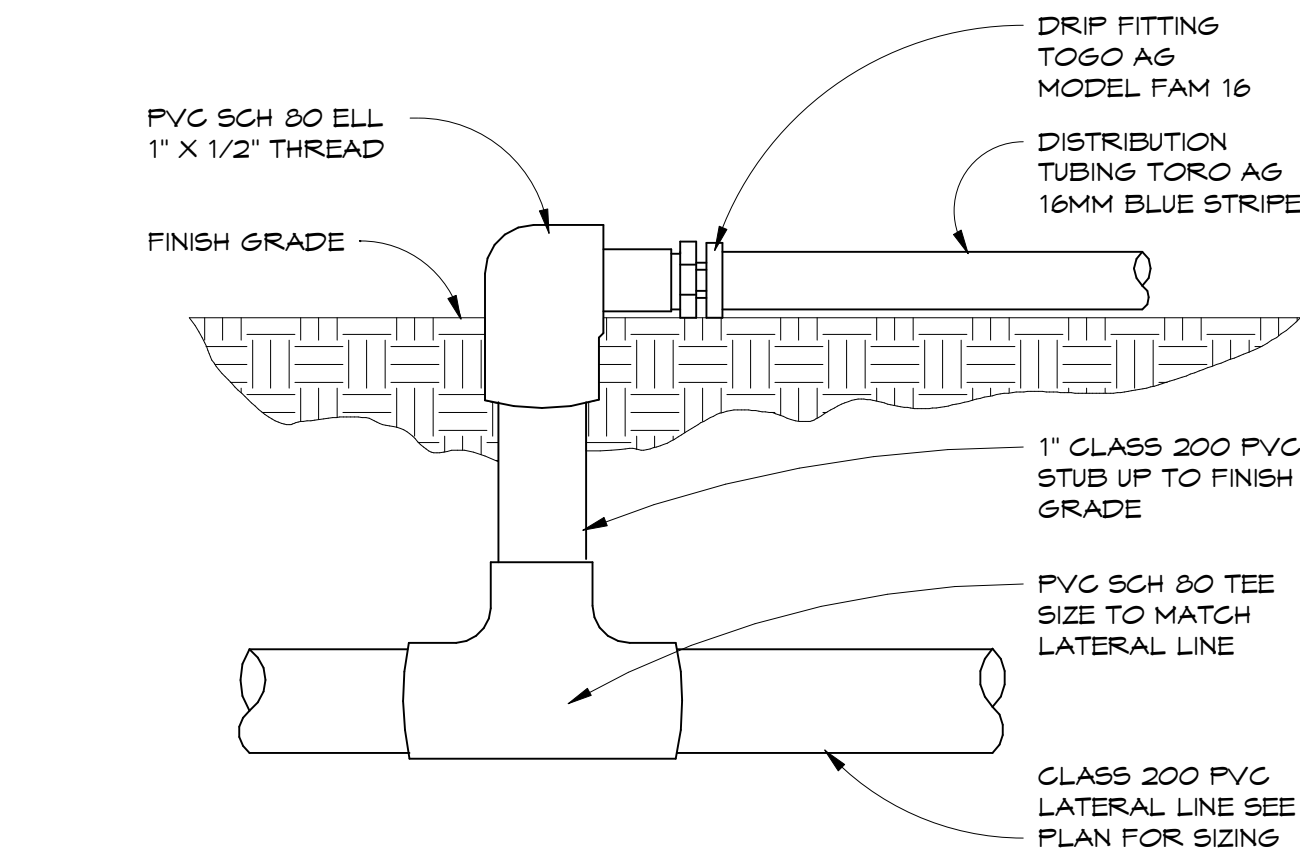
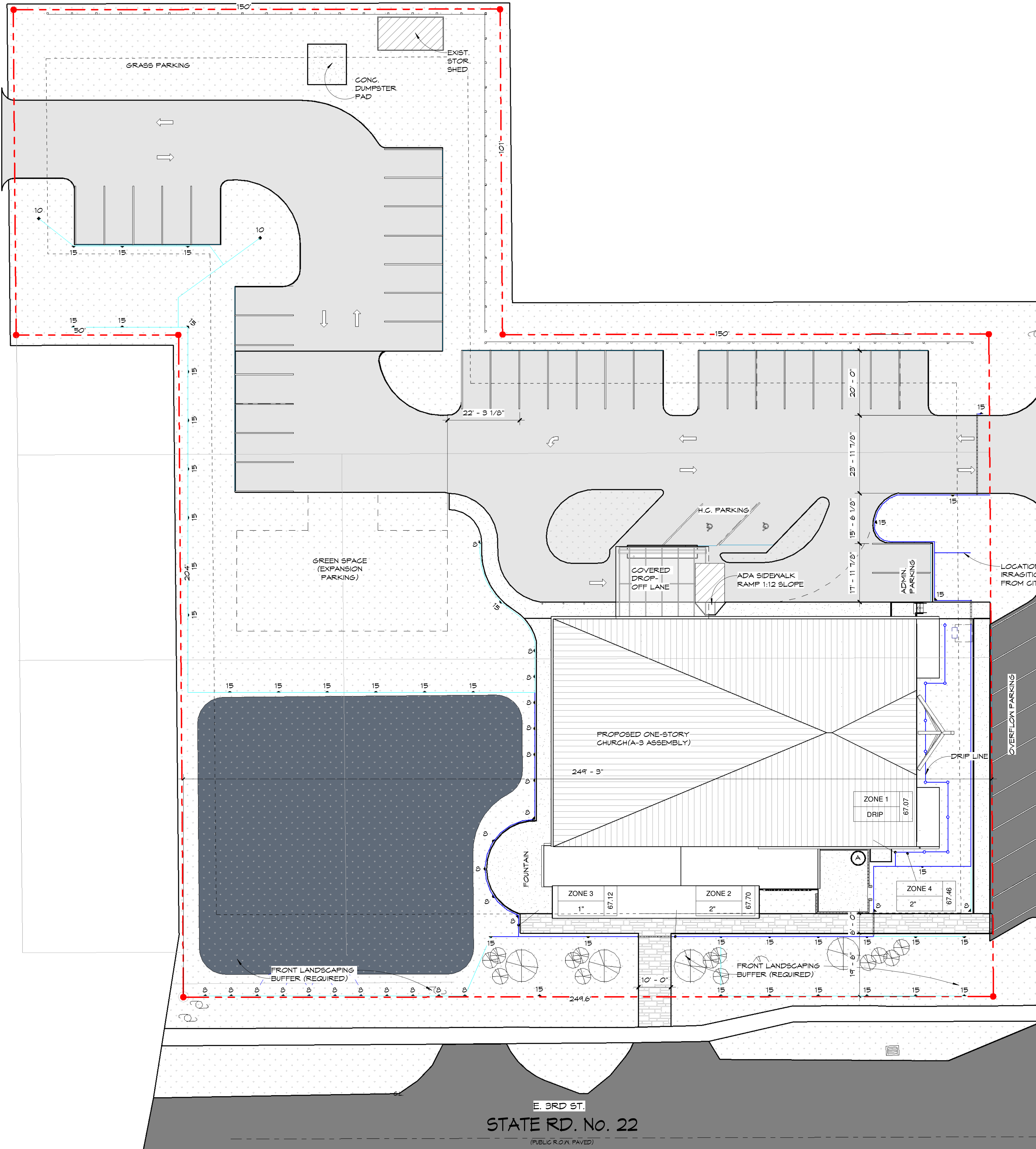
QUANTITY	SYMBOL	SIZE / DESC.	DESCRIPTION	MANUFACTURER
2		10	1804-10P 10' FULL TURN PATTERN NOZZLE	RAIN BIRD
0		10V	1804-10VAN 4' POP-UP HEAD SPRINKLER W/ VARIABLE ARC NOZZLE	RAIN BIRD
0		12	1804-12Q 12' 1/4 TURN MPR SPRINKLER NOZZLE	RAIN BIRD
0		12	1804-12H 12' 1/2 TURN MPR SPRINKLER NOZZLE	RAIN BIRD
0		12V	1804-12VAN 4' 1800 SERIES 5AM-PRS SPRAY HEAD W/ NOZZLE	RAIN BIRD
3		15	1804-15Q 15' 1/4 TURN MPR SPRINKLER NOZZLE	RAIN BIRD

QUANTITY	SYMBOL	SIZE / DESC.	DESCRIPTION	MANUFACTURER
40		15	1804-15H 15' 1/2 TURN MPR SPRINKLER NOZZLE	RAIN BIRD
0		15V	1804-15VAN 4' UNI-SPRAY SERIES POP-UP 5HS W/ 18VAN SERIES VARIABLE ARC NOZZLE	RAIN BIRD
0		CGT	1804-15CGST 15' CENTER STRIP MPR SPRINKLER NOZZLE	RAIN BIRD
0		EST	1804-15EST 15' END STRIP PATTERN NOZZLE	RAIN BIRD
0		SST	1804-15SST 15' SIDE STRIP PATTERN NOZZLE	RAIN BIRD

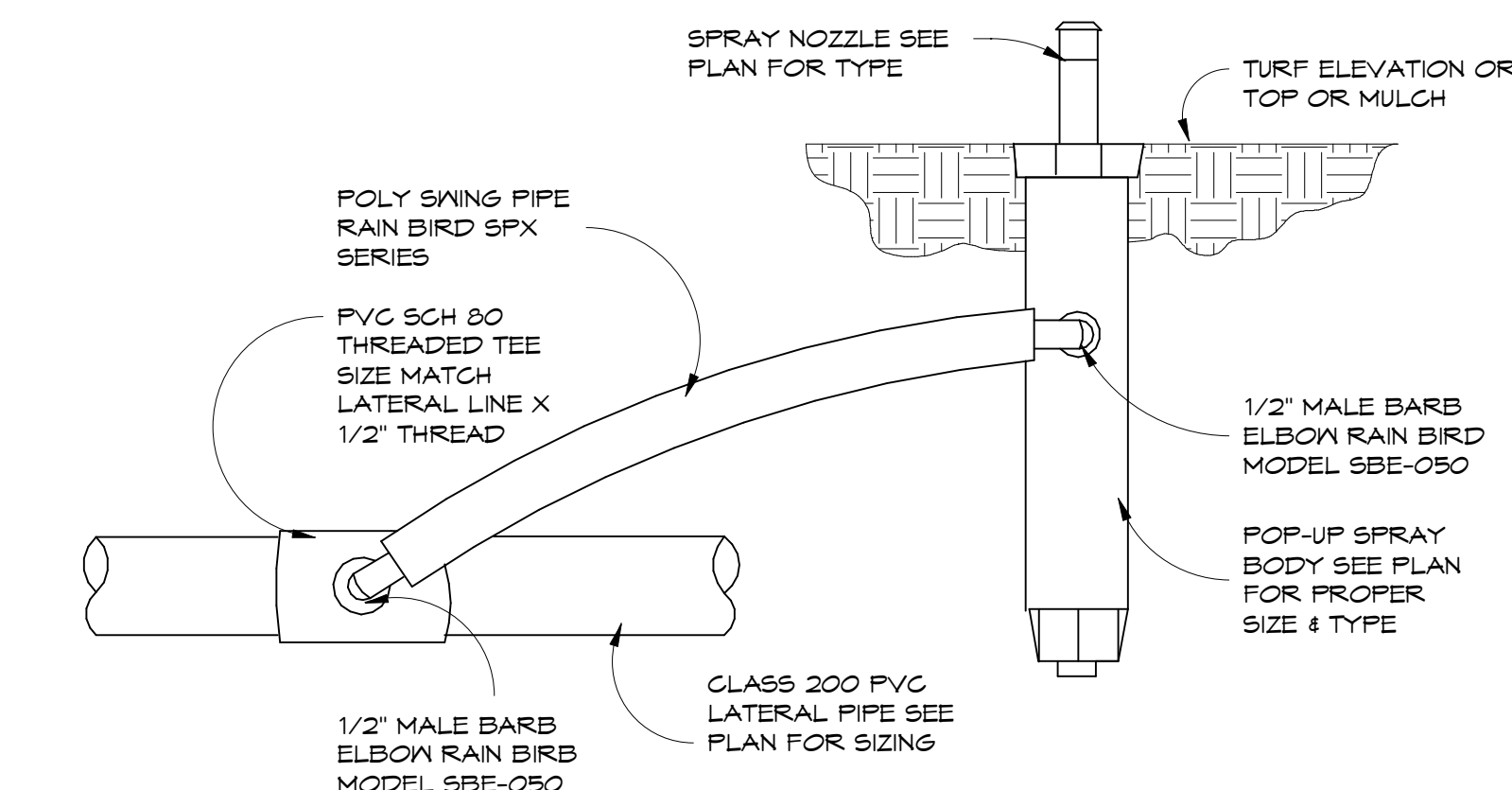
QUANTITY	SYMBOL	SIZE / DESC.	DESCRIPTION	MANUFACTURER
0		1.5	5004-PC W/ 1.5 NOZZLE	RAIN BIRD
0		3.0	5004-PC W/ 3.0 NOZZLE	RAIN BIRD
0		6.0	5004-PC W/ 6.0 NOZZLE	RAIN BIRD
3		2"	2" CONTROL VALVE	RAIN BIRD
1		DRIP	1 1/2" IN-LINE CONTROL ZONE KIT	RAIN BIRD
1		ESP	STATION CONTROLLER	RAIN BIRD
0		RAIN 5	RAIN SENSOR	HUNTER

IRRIGATION PIPING LEGEND	
	2" - CLASS 200 MAINLINE
	1" - CLASS 200 LATERAL
	1 1/4" - CLASS 200 LATERAL
	1 1/2" - CLASS 200 LATERAL
	2" - CLASS 200 LATERAL
	2 1/2" - CLASS 200 LATERAL
	4" SCH. 40 SLEEVE

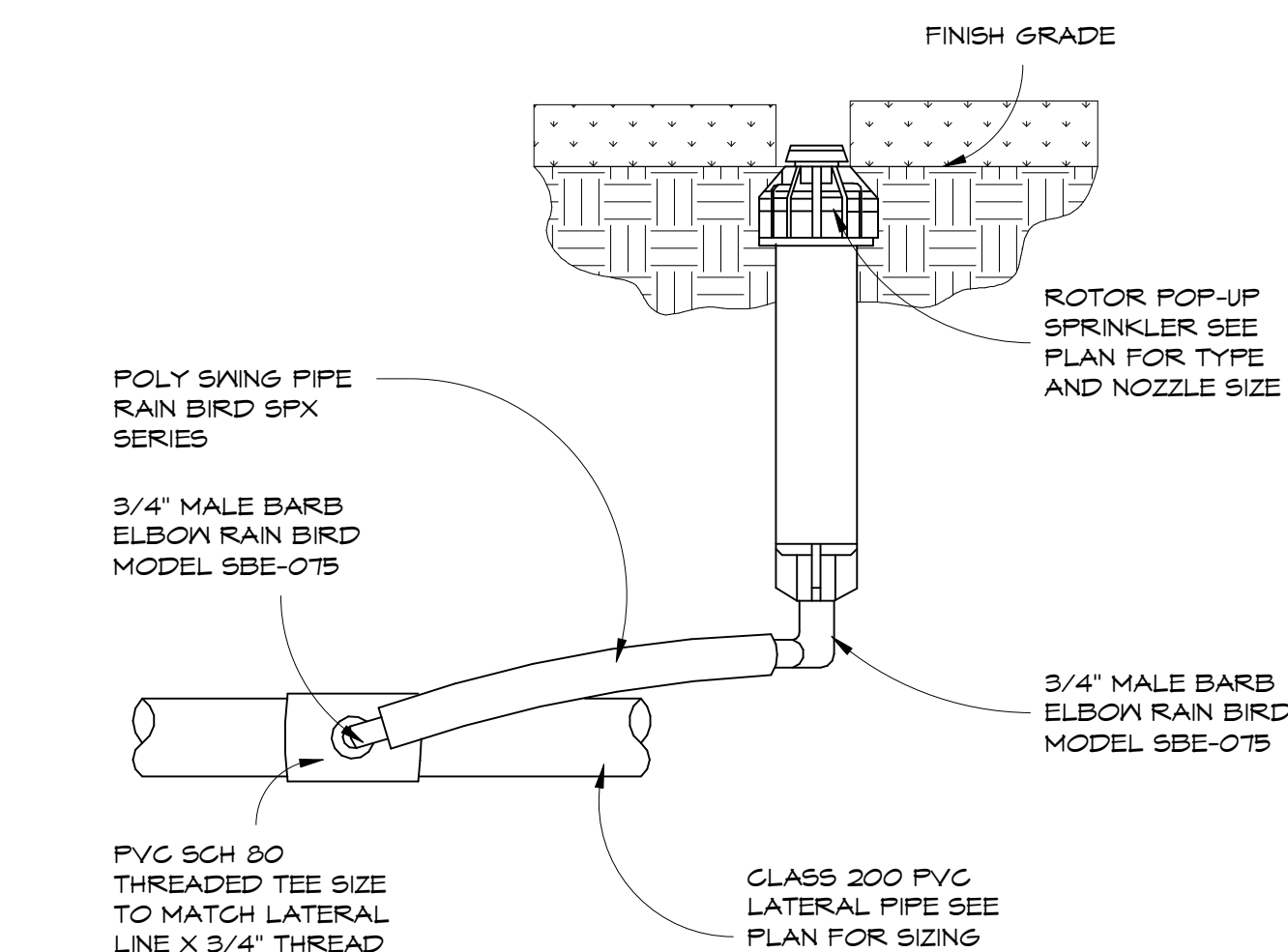
HELEN AVE.
(PUBLIC ROAD PAVED)



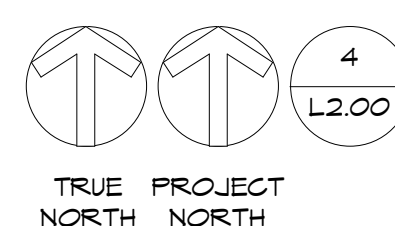
7 Drip Distribution Line Connection1 1/2" = 1'-0"



6 Sprayhead Installation1 1/4" = 1'-0"



8 Pop-up Rotor Installation 1/4" = 1'-0"



NEW CONSTRUCTION - SITE PLAN (IRRIGATION)

1/16" = 1'-0"



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:



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SEAL:

LOCATION FOR IRRIGATION METER FROM CITY

CONSTRUCTION DOCUMENTS

NO.	REVISION	DATE

SHEET TITLE:

IRRIGATION PLAN

PROJECT NO: 4323 SHEET NO: L2.00

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STRUCTURAL - GENERAL NOTES

- TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING GOVERNING DESIGN CODES:
 - FLORIDA BUILDING CODE 2023 EDITION
 - AISC STEEL CONSTRUCTION MANUAL (16TH EDITION)
 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, (ACI 318-14)
 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-22)
 - STRUCTURAL WELDING CODE AWS D11.1:2020
 - STEEL JOIST INSTITUTE CODE OF STANDARD PRACTICE FOR STEEL JOISTS, (SJI 2015)
 - SJI ROOF DECK DESIGN MANUAL, (CURRENT EDITION)
 - ACI 309 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
- THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL. USE THESE NOTES IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS.
- SEE PROJECT SPECIFICATIONS FOR TESTING &
- THE CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS, INCLUDING DIMENSIONS, AND SITE CONDITIONS AND COORDINATE WITH FIELD DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. ANY AND ALL DISCREPANCIES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND ENGINEER. DO NOT MODIFY OR CHANGE THE SIZE OR DIMENSIONS OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT/ ENGINEER OFFICER.
- IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO LOCATE ANY AND ALL EXISTING UTILITIES (WHETHER SHOWN HEREON OR NOT, AND TO PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE. EACH CONTRACTOR SHALL PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC. EACH CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
- WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. ANY QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT / ENGINEER.
- DESIGN LOAD CRITERIA:

A. BUILDING OCCUPANCY CATEGORY	III
B. GRAVITY LOADS	
a. SLAB ON GRADE (U.O.)	160 PSF
b. FIRST FLOOR MECH. AND ELECTRICAL ROOM	400 PSF
c. ROOF LIVE LOAD	20 PSF
d. ROOF DEAD LOAD	20 PSF
e. 2ND FLOOR LIVE LOAD	80 PSF
f. ARMORY	150 PSF
g. LOBBIES	100 PSF
h. BALCONY	SAME AS OCCUPANCY AREA
i. CORRIDORS 2ND FLOOR	100 PSF
j. STAIRS AND EXITS	150 PSF
k. GROUND SNOW LOAD	0 PSF

- THE SPECIALTY ENGINEER, DEFINED AS - A PROFESSIONAL ENGINEER, LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED, WHO PERFORMS SPECIALTY STRUCTURAL ENGINEERING SERVICES FOR SELECTED SPECIALTY-ENGINEERED ELEMENTS IDENTIFIED IN THE CONTRACT DOCUMENTS, AND WHO HAS EXPERIENCE AND TRAINING IN THE SPECIALTY DOCUMENTS SIGNED AND SEALED BY THE SPECIALTY ENGINEER SHALL BE COMPLETED BY OR UNDER THE DIRECT SUPERVISION OF THE SPECIALTY ENGINEER. AT MINIMUM ECOSPAN JOIST SYSTEM, ROOF JOISTS, LIGHT GAUGE FRAMING (INCLUDING ALL EXTERIOR WALLS, SOFFITS) ETC AND THEIR ATTACHMENTS TO THE STRUCTURE SHALL BE DESIGNED BY A SPECIALTY ENGINEER TO CONFORM TO ALL LOADING REQUIREMENTS INCLUDING WIND AND IMPACT RESISTANCE.
- DO NOT SCALE THE DRAWINGS. USE DIMENSIONS SHOWN ON PLAN IN CONJUNCTION WITH CONTRACTOR FIELD VERIFIED INFORMATION. IF A CONFLICT EXISTS, NOTIFY THE CONTRACTING OFFICER IN WRITING FOR RESOLUTION OF ANY AND ALL CONFLICTS.

STRUCTURAL SUBMITTALS

- IN ADDITION TO SUBMITTALS REQUIRED BY THE PROJECT SPECIFICATIONS AND CONSTRUCTION DOCUMENTS, THE FOLLOWING "STRUCTURAL SUBMITTALS" ARE REQUIRED FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD.
 - METAL ROOF TRUSSES: DESIGN CALCULATIONS AND FABRICATION AND ERECTION DRAWINGS.
 - CONCRETE WORK: CONCRETE MIX DESIGNS AND REBAR SHOP DRAWINGS.
 - METAL DECK: DECK SHOP DRAWINGS AND ATTACHMENT DRAWINGS.
 - STRUCTURAL STEEL: STEEL SHOP DRAWINGS DETAILING MEMBERS AND CONNECTIONS.
 - JOISTS: JOIST SHOP DRAWINGS DETAILING JOIST SIZE AND CONNECTIONS.
 - LIGHT GAUGE FRAMING: STRUCTURAL CALCULATIONS, ERECTION DRAWINGS, ETC. INCLUDING ALL ATTACHMENTS TO RESIST LOADINGS SHOWN IN THE STRUCTURAL DOCUMENTS. WIND LOADS MAY BE FACTORED BY 0.6 AS REQUIRED FOR ALLOWABLE STRESS DESIGN.
- ALL STRUCTURAL SUBMITTALS SHALL BE PREPARED BY THE SPECIALTY ENGINEER.
- DRAWINGS PREPARED SOLELY AS A GUIDE FOR ERECTION AND INSTALLATION AND CATALOG INFORMATION WILL NOT REQUIRE AN ENGINEER'S SEAL, HOWEVER, THEY SHALL BEAR THE ENGINEER'S SIGNATURE AND AN INDICATION THAT THE WORK WAS CHECKED.

SHOP DRAWING SUBMITTALS

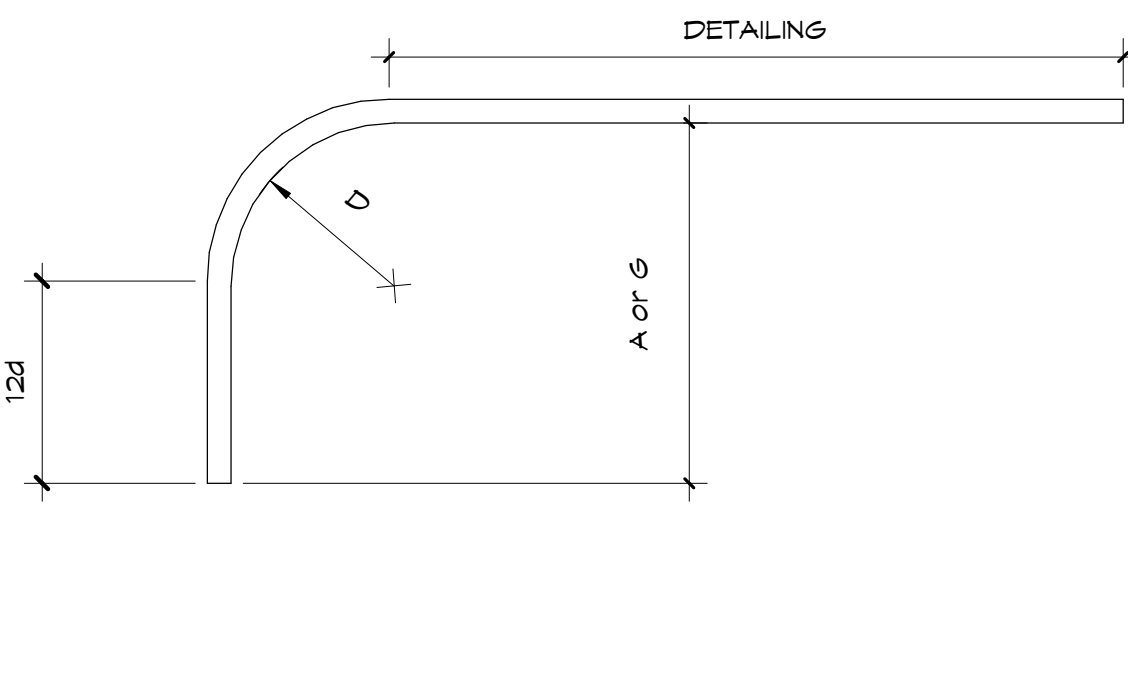
- THE REVIEW OF SUBMITTALS AND/ OR SHOP DRAWINGS DONE BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE REVIEW BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE ONLY. IF SHOP DRAWINGS HAVE NOT BEEN REVIEWED AND APPROVED BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER, THEY SHALL BE RETURNED WITHOUT APPROVAL.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF ALL SHOP DRAWINGS IN RELATIONSHIP TO THE CONSTRUCTION DOCUMENTS.
- ALL MODIFICATIONS MADE FOR SUBMITTALS THAT ARE RE-SUBMITTED SHALL CLEARLY NOTE ALL CHANGES.
- REPRODUCING THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ALLOWED, AND SHOP DRAWINGS WILL BE RETURNED WITHOUT APPROVAL.
- GENERAL SHOP DRAWING REQUIREMENTS:
 - SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECESSARY FOR PROPER FABRICATION, ERECTION, AND PLACEMENT OF STRUCTURAL FABRICATIONS. INCLUDE PLANS, ELEVATIONS, AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.
 - CONCRETE REINFORCING DETAILER- PROVIDE PLACING DRAWINGS FOR FABRICATION AND PLACING OF REINFORCING STEEL. THESE DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: BAR LISTS, SCHEDULES, BENDING DETAILS, PLACING DETAILS, PLACING PLANS, AND PLACING ELEVATIONS.
 - CLEARLY SHOW ELEVATIONS OF ALL BEARING AND SHEAR WALLS. INDICATE OPENINGS, DETAILS OF ALL REINFORCING WITH LOCATIONS OF SPLICES AND HOOKS, CONTROL JOINTS, EXPANSION JOINTS, LINTELS, BOND BEAMS, AND PILASTERS.
 - CLEARLY SHOW BEAM ELEVATIONS AND SECTIONS. INDICATE BAR LENGTHS, HOOKS, STIRRUP SPACING, LAP SPLICES, OFFSETS, AND LOCATION OF BARS WITH RESPECT TO ALL SUPPORTS.
 - CLEARLY SHOW COLUMN ELEVATIONS, ALL COLUMNS MUST CLEARLY BE SHOWN.
 - CLEARLY SHOW ELEVATION, SECTIONS, AND DETAILS OF ALL BEAM TO COLUMN CONNECTIONS.
 - CLEARLY SHOW FOUNDATION REINFORCING. INDICATE BAR LENGTHS, LOCATION AND SPLICES OF CONTINUOUS BARS, AND BAR SUPPORTS. CLEARLY SHOW LOCATIONS OF ALL DOVELS ON PLAN. INDICATE FOOTING STEP LOCATIONS AND PROVIDE DETAILS.

REINFORCEMENT

- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND HAVE MINIMUM SIDE AND END LAPS OF 6".
- REINFORCING STEEL SHALL ONLY BE WELDED OR TACK-WELDED IF IT CONFORMS TO ASTM A706, AND AWS D1.4. REINFORCING SHALL NOT BE WELDED NOR TACK-WELDED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
- SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE REINFORCING BAR SIZES AND PLACEMENT. WRITTEN DESCRIPTION OF REINFORCEMENT WITHOUT ADEQUATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
- PROVIDE DOVELS FROM FOUNDATIONS THE SAME SIZE AND NUMBER AS THE VERTICAL WALL OR COLUMN REINFORCING, UNLESS NOTED OTHERWISE. REINFORCING DOVELS MUST BE TIED IN PLACE PRIOR TO POURING FOOTINGS. "WET-STICKING" IS NOT ALLOWED.
- PLACE REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - CAST-IN-PLACE (NON POST-TENSIONED) CONCRETE REINFORCEMENT COVER PERMANENTLY EXPOSED TO EARTH, CAST AGAINST THE EARTH 3" CLEAR, EXPOSED TO EARTH OR WEATHER, FOR BARS LARGER THAN A NO. 5 BAR 2" CLEAR, 1" NO.5 BARS OR SMALLER 1" CLEAR. 2" MASONRY REINFORCING STEEL SHALL BE PLACED IN THE CENTER OF CMU CELLS, UNLESS NOTED OTHERWISE.
 - REINFORCEMENT SHALL BE SPLICED ONLY AT LOCATIONS SHOWN OR NOTED IN THE STRUCTURAL DOCUMENTS. EXCEPT REINFORCEMENT MARKED "CONTINUOUS" CAN BE SPLICED AT LOCATIONS DETERMINED BY CONTRACTOR. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. REINFORCING STEEL SPLICES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

MINIMUM LAP SPLICE LENGTH (N) - 3000 PSI CONCRETE						
	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
	22	24	36	48	60	72
MINIMUM LAP SPLICE LENGTH (N) - 1500 PSI NORMAL WEIGHT CMU						
6-in CMU WALL	14	25	34	81	NA	NA
8-in CMU WALL	14	25	31	57	74	113
2-in CMU WALL	14	25	31	53	61	75

RECOMMENDED END HOOKS ANCHORAGE LENGTH (N) - 3000 PSI CONCRETE						
	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
D	2.25	3.00	3.75	4.50	5.25	6.00
A OR G	6	8	10	12	14	16



8. ADHESIVE FOR REINFORCING DOVELS IN EXISTING CONCRETE SHALL BE EITHER THE SIMPSON SET XP STRUCTURAL EPOXY CONC., HIGH STRENGTH ANCHORING ADHESIVE, THE HIT HY150 INJECTION ADHESIVE, THE EPOX SYSTEM CERAMIC EPOXY ADHESIVE SUPPLIED BY ITM RANSER/RED HEAD, POWER-FAST EPOXY INJECTION GEL SUPPLIED BY POWERS FASTENERS, OR APPROVED EQUAL. MINIMUM EMBEDMENT LENGTH SHALL BE 12 BAR DIAMETERS, UNLESS NOTED OTHERWISE.

CAST-IN-PLACE CONCRETE

- CONCRETE WORK SHALL CONFORM TO ACI 318-05 AND CRSI STANDARDS.
- CONCRETE SHALL HAVE A MINIMUM SPECIFIED 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENGAGED IN CONCRETE AND FOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- CONSTRUCTION JOINT LOCATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. NO HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED EXCEPT THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
- DEFECTIVE AREAS IN CONCRETE INCLUDING, BUT NOT LIMITED TO, HONEY-COMBING, SPALLS, AND CRACKS WITH WIDTHS EXCEEDING 0.01 INCH SHALL BE REPAIRED. EXTENT OF DEFECTIVE AREA TO BE DETERMINED BY THE STRUCTURAL ENGINEER.

SLAB ON GRADE NOTES

- ENSURE THAT REINFORCEMENT IS LOCATED IN SLAB CORRECTLY BY CHAIRING REINFORCING ADEQUATELY DURING CONCRETE PLACEMENT.
- USE 6 MIL. POLYETHYLENE (VAPOR BARRIER) SHEETINGS BETWEEN COMPACTED SOIL AND CONCRETE SLAB MIN. U.O. PLEASE NOTE THAT ARCHITECT WILL PROVIDE FINAL VAPOR BARRIER SPECIFICATIONS AND THIS MAY INCLUDE THICKER VAPOR BARRIERS AS REQUIRED. 6 MIL SHALL BE THE MINIMUM SPECIFIED IF NOT SPECIFIED BY THE ARCHITECT.
- PROVIDE POROUS DRAINAGE LAYER UNDER INTERIOR PORTIONS OF 4" SLAB ON GRADE. DRAINAGE LAYER SHALL CONSIST OF CLEAN, FREE-DRAINAGE PEA GRAVEL, CRUSHED STONE, OR COARSE SAND. THIS DRAINAGE LAYER SHALL CONSIST OF NATURAL SAND WITH A MAXIMUM 50% PASSING THE NO. 30 SIEVE AND 3% PASSING A NO. 200 SIEVE AS MINIMUM. SEE PROJECT GEOTECHNICAL REPORT FOR GUIDELINES. THE CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS WITH THE GEOTECHNICAL ENGINEER OF RECORD PRIOR TO FOUNDATION PREPARATION. NOTE THAT INSITU MATERIAL MAY SATISFY THIS REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE GEOTECHNICAL ENGINEER TO FULFIL THIS REQUIREMENT.
- PLACE CRACK CONTROL JOINTS USING A MAXIMUM 2:1 LENGTH TO WIDTH RATIO WITH 20'-0" MAXIMUM SPACINGS, UNLESS LOCATED ON PLANS. PLACE MANDATORY CONSTRUCTION JOINTS AS SHOWN.

FOUNDATION

- FOUNDATION DESIGN IS BASED ON AN ASSUMED ALLOWABLE BEARING PRESSURE OF 2000 PSF. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN.
- STRUCTURAL TESTING/INSPECTION AGENCY SHALL CERTIFY THE BEARING MEDIUM BEFORE STARTING CONSTRUCTION.
- NO FOOTINGS SHALL BE PLACED IN WATER.
- ANY SOIL CONDITION ENCOUNTERED DURING EXCAVATION THAT IS CONTRARY TO THE CONDITIONS USED FOR DESIGN OF FOOTINGS AS OUTLINED IN THESE NOTES OR ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER OF RECORD BEFORE PROCEEDING.
- BACK FILL BOTH SIDES OF FOUNDATION WALLS AT SAME TIME TO PREVENT OVERTURNING.

SPECIALTY ENGINEER SHOP DRAWING SUBMITTALS

- SPECIALTY ENGINEER:
 - SHALL BE AN EMPLOYEE OR OFFICER OF A FABRICATOR, AN EMPLOYEE OR OFFICER OF AN ENTITY SUPPLYING COMPONENTS TO A FABRICATOR, OR AN INDEPENDENT CONSULTANT RETAINED BY THE FABRICATOR OR HIS SUPPLIER.
- THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE FABRICATION AND ERECTION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER, BUT ARE NOT LIMITED TO: WINDOW SYSTEMS, STOREFRONT SYSTEM, ROOF SYSTEMS (JOIST SYSTEMS AND ATTACHMENTS, PRE-ENGINEERED STAIRS, AND LOUVERS, ECOSPAN BAR JOIST SYSTEM) AND ALL LIGHT GAUGE FRAMING.
- THE SPECIALTY ENGINEER OR MANUFACTURER SHALL DESIGN, PROVIDE, AND INSTALL THEIR COMPONENTS AND THE COMPONENT CONNECTIONS TO THE PRIMARY STRUCTURE PER THE CRITERIA STATED IN THESE NOTES OR THE CURRENT GOVERNING BUILDING CODES, WHICHEVER IS MORE STRINGENT.
- SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND APPLICABLE CODES, LIST THE DESIGN CRITERIA, AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED.
- SHOP DRAWINGS AND CALCULATIONS REQUIRE THE SEAL, DATE AND SIGNATURE OF THE SPECIALTY ENGINEER. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION. SUCH DESCRIPTIVE INFORMATION SHALL BEAR THE SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER AS AN INDICATION THAT HE HAS ACCEPTED RESPONSIBILITY FOR THE RESULTS.
- REVIEW BY THE STRUCTURAL ENGINEER OF RECORD OF SUBMITTALS IS LIMITED TO VERIFYING THE FOLLOWING:
 - THAT THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN FURNISHED.
 - THAT THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED BY THE SPECIALTY ENGINEER.
 - THAT THE SPECIALTY ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. (NO DETAILED CHECK OF CALCULATIONS WILL BE MADE.)
 - THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. (NO DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.)
- SUBMITTALS NOT MEETING THE ABOVE REQUIREMENTS WILL NOT BE REVIEWED AND WILL BE RETURNED TO CONTRACTOR MARKED REVISE AND RESUBMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS WHICH MAY RESULT.
- THE CONTRACTOR SHALL ENGAGE AN PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA TO PROVIDE SHORING DRAWINGS AND CALCULATIONS FOR SUPPORT ELEVATED SLABS AT ELEVATOR SHAFTS AND STAIRS.
- IN ADDITION TO SUBMITTALS REQUIRED BY THE PROJECT SPECIFICATIONS AND CONSTRUCTION DOCUMENTS, THE FOLLOWING "STRUCTURAL SUBMITTALS" ARE REQUIRED FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD:
 - LIGHT GAUGE FRAMING: DESIGN CALCULATIONS AND FABRICATION AND ERECTION DRAWINGS.
 - CONCRETE WORK: CONCRETE MIX DESIGNS AND REBAR SHOP DRAWINGS.
 - METAL DECK: DECK SHOP DRAWINGS AND ATTACHMENT DRAWINGS.
 - STRUCTURAL STEEL: STEEL SHOP DRAWINGS DETAILING MEMBERS AND CONNECTIONS.
 - JOISTS: JOIST SHOP DRAWINGS DETAILING JOIST SIZE AND CONNECTIONS.
 - TEMPORARY SHORING DRAWINGS FOR CMU AND CONCRETE WALLS: PROVIDE CALCULATIONS AND SHORING DRAWINGS FOR REVIEW BY OUR OFFICE.
- ALL STRUCTURAL SUBMITTALS SHALL BE PREPARED BY THE SPECIALTY ENGINEER.
- DRAWINGS PREPARED SOLELY AS A GUIDE FOR ERECTION AND INSTALLATION AND CATALOG INFORMATION WILL NOT REQUIRE AN ENGINEER'S SEAL, HOWEVER, THEY SHALL BEAR THE ENGINEER'S SIGNATURE AND AN INDICATION THAT THE WORK WAS CHECKED.

STRUCTURAL STEEL NOTES

- REFERENCE STANDARDS: STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL AND THE AISC CODE OF STANDARD PRACTICE (REFERENCED EDITION) WITH EXCEPTION NOTED IN THE PROJECT SPECIFICATIONS.
- OSHA REQUIREMENTS:
 - THE CONTRACTOR SHALL PROVIDE ADDITIONAL ANCHORS, BOLTS, STABILIZERS, STIFFENERS, BRIDGING, BRACING, ETC. AS NECESSARY TO COMPLY WITH CURRENT OSHA REGULATIONS.
 - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING TO INSURE A STABLE STRUCTURE DURING THE INSTALLATION OF STRUCTURAL STEEL MEMBERS.
- MATERIAL REQUIREMENTS OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS U.N.O.
 - WIDE FLANGE SHAPES: ASTM A992, GRADE 50
 - ANGLES, CHANNELS, AND PLATES: ASTM A36 OR ASTM A572, GRADE 50
 - HSS SECTIONS: ASTM A500, GRADE "B" (F_y = 46KSI)
 - HIGH STRENGTH BOLTS: ASTM A325 OR ASTM A490
 - ANCHOR BOLTS: ASTM F1554, GRADE 36 (YIELDABLE)
 - WELDING ELECTRODES: AWS D11.1 E70
- USE STRUCTURAL STEEL THAT IS FULLY WELDABLE INCLUDING WHEN WELDING BETWEEN DIFFERENT GRADES OF STEEL. SHOP WELDING SHALL BE UTILIZED IN LIEU OF FIELD WELDING WHEN OBTAINABLE.
- ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE STRUCTURAL WELDING CODE AWS D11.1, LATEST EDITION, PUBLISHED BY THE AMERICAN WELDING SOCIETY (AWS). USE ELECTRODES CONFORMING TO AWS D11.1 E70 SERIES. U.N.O. SHOW ALL SHOP WELDS ON THE FABRICATION DRAWINGS AND ALL FIELD WELDS ON THE ERECTION DRAWINGS. WELD SIZES AND LENGTHS ARE SHOWN ON THE DRAWINGS. WELD SIZES ARE THE NET EFFECTIVE SIZE REQUIRED. INCREASE THE WIDTH OF THE WELD IF A GAP EXISTS AT FAYING SURFACES. MINIMUM FILLET WELD SIZE IS 3/16".
- ALL SHOP AND FIELD WELDERS, WELDING OPERATORS, AND TACKERS SHALL BE CERTIFIED ACCORDING TO AWS PROCEDURES AND HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TESTS. CERTIFICATION MUST BE CURRENT.
- ALL JOINT WELDING PROCEDURES TO BE USED SHALL BE PREPARED BY THE FABRICATOR OR CONTRACTOR AS WRITTEN PROCEDURE SPECIFICATIONS AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR THEIR RECORD. ALL JOINT WELDING PROCEDURES SHALL BE QUALIFIED PRIOR TO USE ACCORDING TO AWS PROCEDURES.
- A325 BOLTS:
 - A325 BOLTS SHALL CONFORM TO ASTM A 325 TYPE 1, HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINTS. DO NOT USE TYPE 2 BOLTS.
 - PROVIDE HARDENED WASHERS CONFORMING TO ASTM F 436. PLACE HARDENED WASHERS UNDER PART BEING TURNED.
 - LOAD INDICATOR WASHERS OR TENSION CONTROLLED BOLTS SHALL BE USED ON ALL A325 BOLTS.
 - ALL BOLTS SHALL BE NEW AND DOMESTICALLY MANUFACTURED. DO NOT REUSE BOLTS. USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER OR LUBRICATED WITH JOHNSONS STICK-WAX 140.
- FIELD MODIFICATION OF STRUCTURAL STEEL SHALL NOT BE CUT IN FIELD OR MODIFIED WITHOUT PRIOR APPROVAL OF THE ENGINEER. SPLICING STEEL MEMBERS IS NOT PERMITTED EXCEPT WHERE EXPLICITLY SHOWN ON THE STRUCTURAL DRAWINGS OR WHERE APPROVED BY THE ENGINEER OF RECORD. SPLICES SHALL NOT OCCUR AT LOCATIONS OF MAXIMUM STRESS AND SHALL DEVELOP THE FULL CAPACITY OF THE MEMBER. SPLICE DETAILS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING WORK.
- WHEN HOLES ARE REQUIRED IN METAL SURFACE, THEY SHALL BE CUT, DRILLED, OR PUNCHED HOLES PERPENDICULAR TO METAL SURFACE. IN NO INSTANCE IS IT ADEQUATE TO USE A FLAME TO CUT OR ENLARGE HOLES IN STRUCTURAL STEEL MEMBERS.
- THE STEEL SUPPLIER SHALL PROVIDE ALL MISCELLANEOUS STRUCTURAL STEEL ITEMS NECESSARY TO FULFILL THE INTENT OF THE STRUCTURAL DRAWINGS WHETHER OR NOT THE ITEMS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SUCH ITEMS MAY INCLUDE BUT ARE NOT LIMITED TO EDGE ANGLES, CLOSURE PLATES, AND DECK SUPPORT FRAMING.
- ALL EXTERIOR EXPOSED STEEL SHALL BE HOT DIP GALVANIZED. WHEN WELDING GALVANIZED MATERIAL, REMOVE GALVANIZATION BY GRINDING, WELD, THEN APPLY A MINIMUM OF TWO COATS OF COLD GALVANIZATION TO WELDED ASSEMBLY.
- ALL STRUCTURAL STEEL SHALL BE PRIME PAINTED WITH A MINIMUM DRY FILM THICKNESS OF 2.0 MILS.
- SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL MISCELLANEOUS STEEL THAT WILL BE REQUIRED.

MISC. STEEL NOTES

- OTHER MISCELLANEOUS STEEL NOT SHOWN ON THE STRUCTURAL DOCUMENTS MAY BE IDENTIFIED IN THE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS. ALL OTHER MISCELLANEOUS SHAPES SHALL BE AT MINIMUM A36 STRUCTURAL STEEL, U.N.O.
- EDGE ANGLES, CLIP ANGLES, PLATES, BARS AND OTHER MISCELLANEOUS ROLLED SHAPES SHALL BE ASTM A36 STRUCTURAL STEEL, U.N.O. EDGE OF SLAB CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SHOP DRAWING SUBMITTAL TO OUR OFFICE.

BAY COUNTY CERTIFICATION:

I CERTIFY THAT THE DESIGN PLANS AND SPECIFICATIONS FOR THIS CONSTRUCTION ARE IN COMPLIANCE WITH THE CRITERIA ESTABLISHED BY THE 2020 FLORIDA BUILDING CODE. THIS BUILDING AND/OR STRUCTURE IS DESIGN TO WITHSTAND A WIND VELOCITY OF 150 MPH WIND AND CHAPTER 16 OF THE 2020 FLORIDA BUILDING CODE. ALSO UPON COMPLETION OF THIS BUILDING AND/OR STRUCTURE, I WILL CERTIFY AT THAT TIME THE BUILDING AND/OR STRUCTURE HAS COMPLIED WITH THIS SPECIFIC BUILDING DESIGN. THIS MUST BE ON FILE AT THE BAY COUNTY BUILDING DEPARTMENT BEFORE RECEIVING AN INSPECTION FOR PERMITS. I UNDERSTAND THAT ANY CHANGE IN DESIGN OR SPECIFICATION MUST BE SUBMITTED IN WRITING BY ME TO THE BUILDING DEPARTMENT. ALL DRAWINGS AND/OR CORRESPONDENCE SHALL BE SIGNED AND SEALED.



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:

Dewberry
DEWBERRY ENGINEERING, INC.
203 ABERDEEN PKWY.
PANAMA CITY, FL 32405
(850) 522-0644



SCR & ASSOCIATES NWFL
3445 FL-389,
PANAMA CITY, FL 32405
(850) 265-6979



206 FL-79,
PANAMA CITY BEACH, FL 32413

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSEPH J. SORCI, ARCHITECT ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SEAL

CONSTRUCTION DOCUMENTS

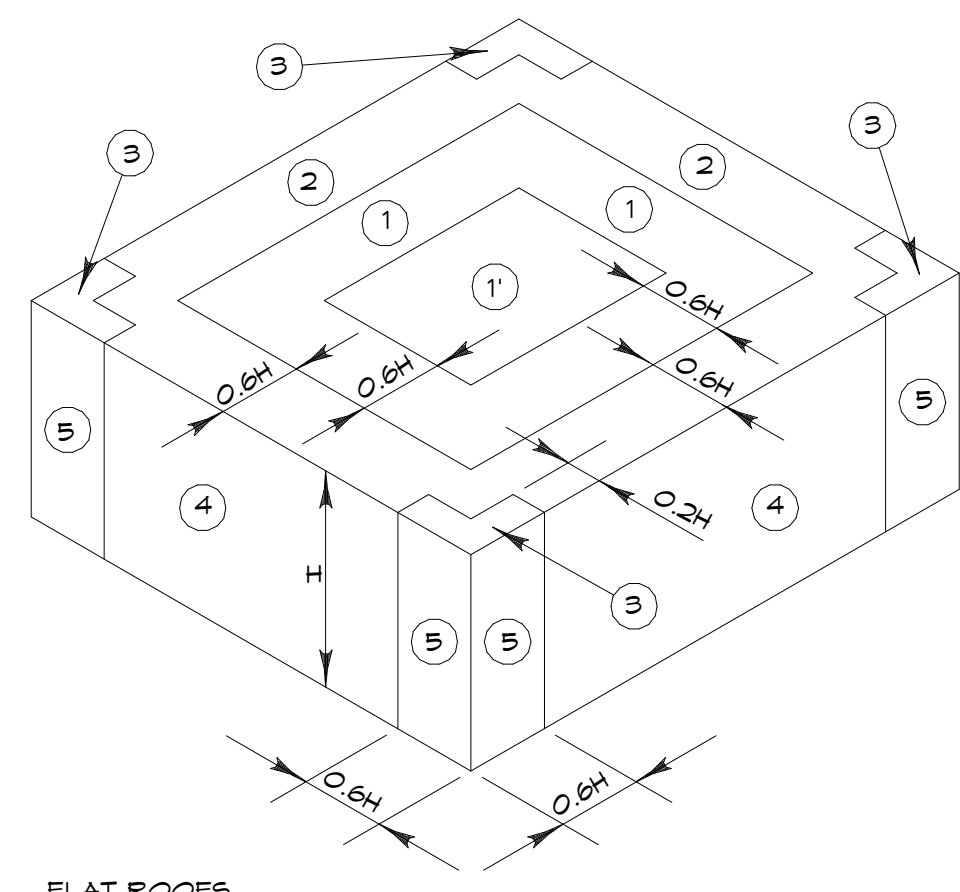
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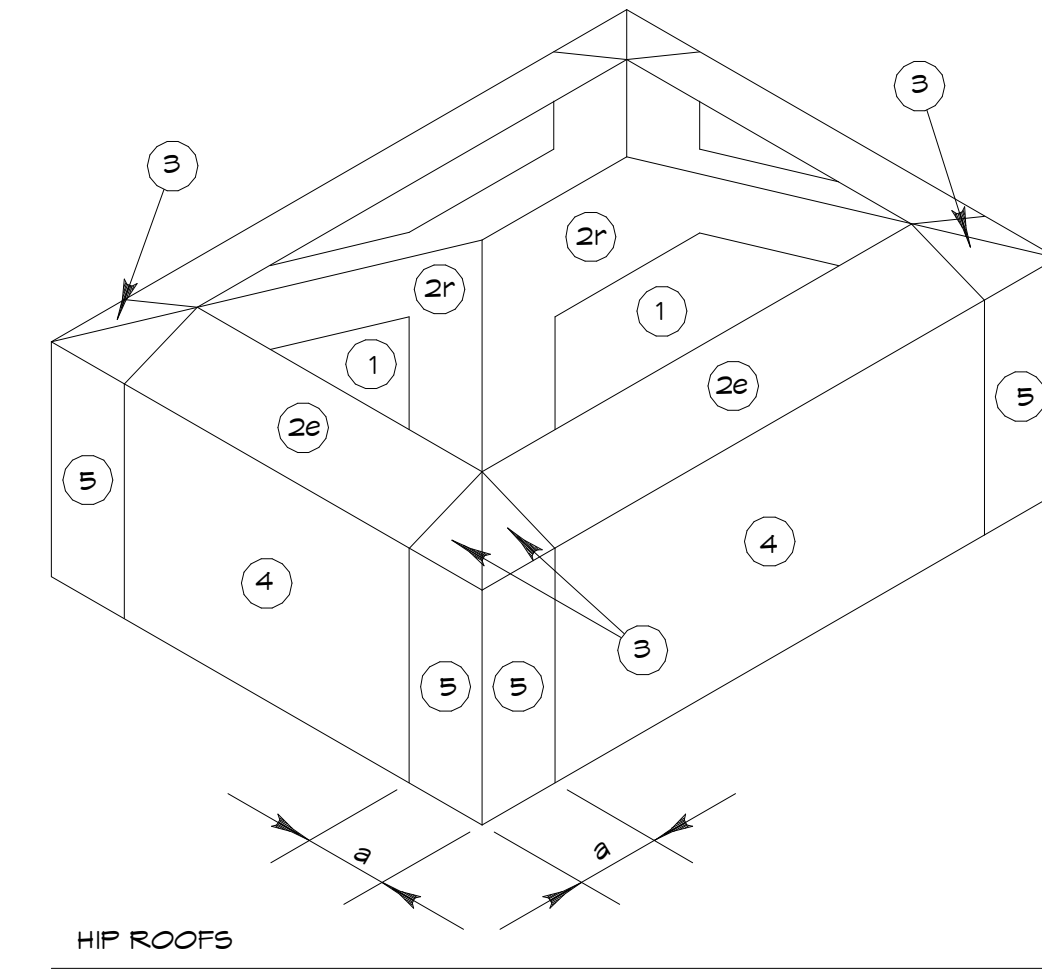
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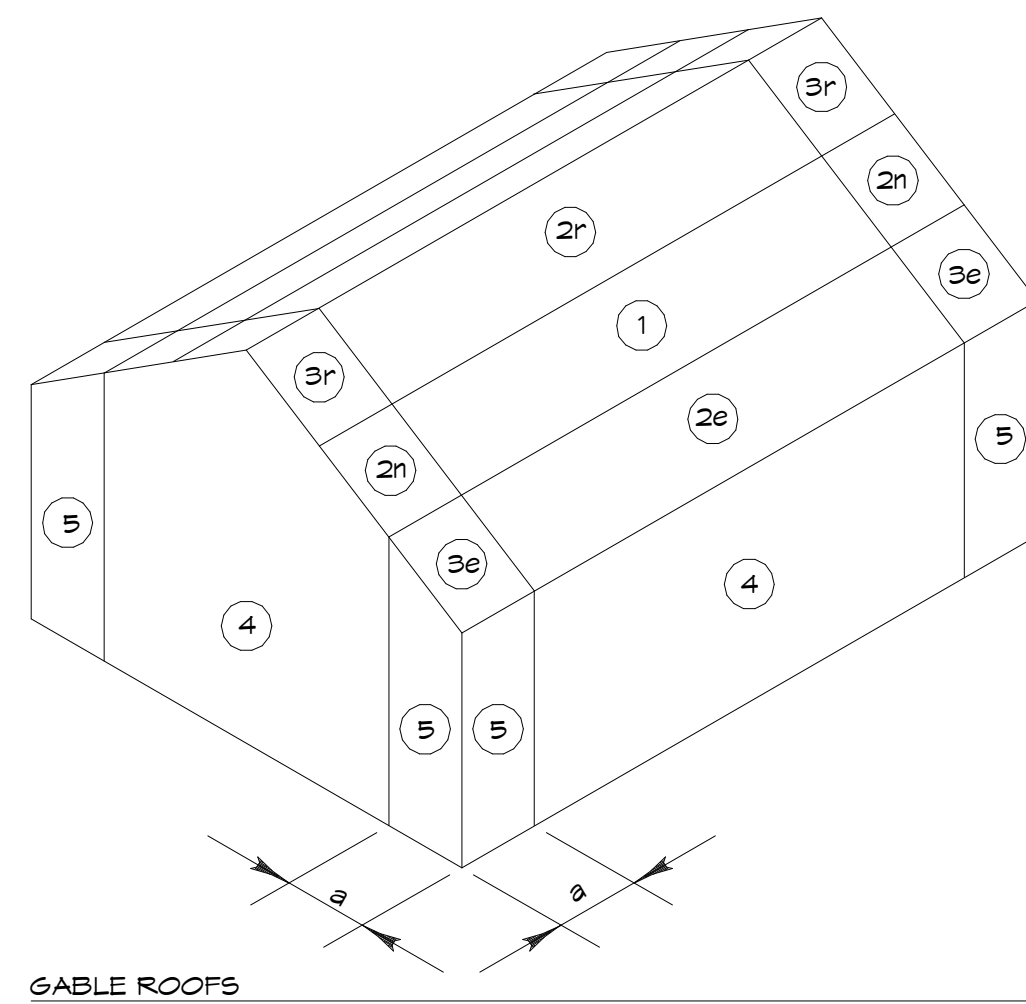
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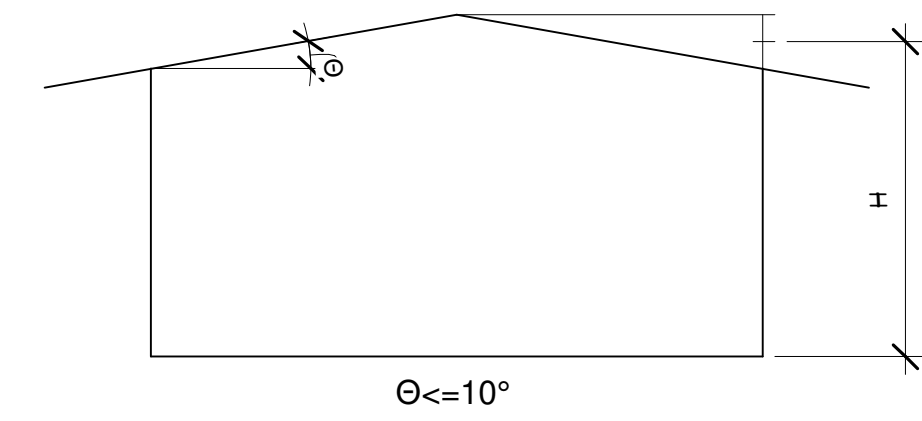
FLAT ROOFS



HIP ROOFS



GABLE ROOFS



FLORIDA COMPONENT & CLADDING PRODUCT APPROVAL LIST (FCGPA) NOTE:

- ALL COMPONENTS AND FASTENERS USED SHOULD BE LISTED ON FLORIDA COMPONENT/CLADDING PRODUCT APPROVAL LISTING
- UPON REVIEW OF THE FLOOR AND ROOF TRUSS DATA SUBMITTED BY THE TRUSS MANUFACTURER THIS ENGINEER SHALL PROVIDE THE FCGPA NUMBER FOR ANY FLOOR AND ROOF TRUSS HOLDDOWN ANCHORS ADDED AND/OR MODIFIED TO THE CONTRACTOR BEFORE TRUSS FABRICATION AND BUILDING DEPARTMENT SUBMITTAL.
- FOR ANY CONTRACTOR HOLDDOWN ANCHOR SUBSTITUTION AND/OR APPROVED EQUAL REQUEST, THAT CONTRACTOR AT TIME OF REQUEST SHALL PROVIDE THE FCGPA NUMBER TO THIS ENGINEER AND TO THE BUILDING DEPARTMENT UPON APPROVAL.
- THE ARCHITECT OR CONTRACTOR SHALL PROVIDE THE FCGPA NUMBER TO THE BUILDING DEPARTMENT ALL NON-STRUCTURAL BUILDING COMPONENTS: ROOF FINISH, EXTERIOR WALL FINISH, TRIM MATERIAL, DOORS AND WINDOWS

Basic Building Structural Information

This table was prepared using Windload Calculator Plus Software available from www.windcales.com

Floor and Roof Live Loads
 Fixed Seating Areas: 60 psf
 Stages & Platforms: 150 psf
 Control Rms., Offices: 50 psf
 All Other Areas: 100 psf
 Roofs: 20 psf uniform; 300 lbs concentrated
 (Balcony and Deck live loads are 150% of the adjacent space served.)

Wind Design Data
 Ultimate Wind Speed: 170 mph Nominal Wind Speed: 132 mph
 Risk Category: II Wind Exposure: C
 Enclosure Classification: Enclosed End Zone Width (a): 9.10 ft.
 Internal Pressure Coefficient: 0.18 Roof Geometry: Hip
 Roof Slope: 6.0 in 12 (26.6°) Mean Roof Height: 24 ft.

(The Ultimate Wind speed was used to determine the Component and Cladding design pressures.)

(This Building is in a Wind-Borne Debris Region, and all exterior glazed openings shall be protected from wind-borne debris.)

Components and Cladding (Calculated Using ASCE 7-16, Chapter 30)

Roof Zone 1: +54.3 psf max., -97.4 psf min.
 Roof Zone 2e: +54.3 psf max., -134.4 psf min.
 Roof Zone 2r: +54.3 psf max., -134.4 psf min.
 Roof Zone 3: +54.3 psf max., -134.4 psf min.
 Overhang at Roof Zone 1: -116.8 psf min.
 Overhang at Roof Zone 2e: -150.9 psf min.
 Overhang at Roof Zone 2r: -150.9 psf min.
 Overhang at Roof Zone 3: -180.7 psf min.
 Wall Zone 4: +72.8 psf max., -79.0 psf min.
 Wall Zone 5: +72.8 psf max., -97.4 psf min.

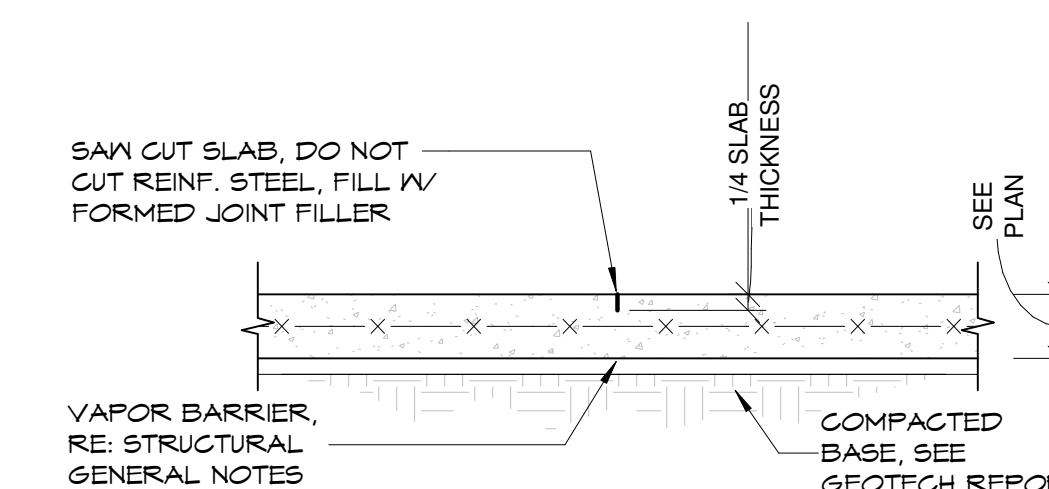
Design Soil Bearing Capacity: 2,500 psf

DOOR SCHEDULE STRUCTURAL						
MARK	WIDTH	HEIGHT	DOOR TYPE	DESIGN PRESSURE	HEADER	FUNCTION
1-36A	3' - 0"	T - 0"	FLUSH	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-39A	3' - 0"	T - 0"	HALF LITE	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-36B	3' - 0"	T - 0"	NARROW LITE	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-38A	3' - 0"	T - 0"	NARROW LITE	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-08A	5' - 0"	T - 0"	FLUSH	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-41B	6' - 0"	8' - 0"	FULL GLASS	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior
1-41A	6' - 0"	8' - 2"	FULL GLASS	+12.8 PSF MAX., -19.0 PSF MIN.		Exterior

WINDOW SCHEDULE STRUCTURAL						
TYPE MARK	WIDTH	HEIGHT	COUNT	BOTTOM OF WINDOW FRAME	DESIGN PRESURE	HEADER SIZE
W4	2' - 0"	2' - 0"	1	8' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W4	2' - 0"	2' - 0"	1	8' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W4	2' - 0"	2' - 0"	1	8' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W5	4' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	
W6	6' - 0"	4' - 0"	1	4' - 0"	+12.8 PSF MAX., -19.0 PSF MIN.	

SLAB CONTRACTION JOINT NOTES

- STORE REINFORCEMENT OF DIFFERENT SIZES AND SHAPES IN SEPARATE PILES OR RACKS RAISED ABOVE THE GROUND TO AVOID EXCESSIVE RUSTING. PROTECT FROM CONTAMINANTS SUCH AS GREASE, OIL, AND DIRT. ENSURE BAR SIZES CAN BE ACCURATELY IDENTIFIED AFTER BUNDLES ARE BROKEN AND TAGS REMOVED.
- SUBMIT PROPOSED MATERIALS, METHODS AND DURATION FOR CURING CONCRETE ELEMENTS IN ACCORDANCE WITH ACI 308.1.
- SUBMIT PROPOSED MATERIAL AND PROCEDURES TO BE USED IN OBTAINING THE FINISH FOR THE SLAB ON GRADE FLOORS. INCLUDE QUALIFICATION OF PERSON TO BE USED FOR OBTAINING FLOOR TOLERANCE MEASUREMENT, DESCRIPTION OF MEASURING EQUIPMENT TO BE USED, AND A SKETCH SHOWING LINES AND LOCATIONS THE MEASURING EQUIPMENT WILL FOLLOW.
- AIR CONTENT: DO NOT ALLOW AIR CONTENT OF TROWEL-FINISHED FLOORS TO EXCEED 3 PERCENT.
- REINFORCING BAR SUPPORTS: SUPPORTS INCLUDE BOLSTERS, CHAIRS, SPACERS, AND OTHER DEVICES NECESSARY FOR PROPER SPACING, SUPPORTING, AND FASTENING REINFORCING BARS AND WELDED WIRE REINFORCEMENT IN PLACE. PROVIDE WIRE BAR TYPE SUPPORTS OF COATED OR NON-CORRODIBLE MATERIAL CONFORMING TO ACI SP-66 AND CRSI 10MSP.
- PROPERLY CONSTRUCTED: VERIFY THAT SUBSTRATES ARE LEVEL. CHECK FIELD DIMENSIONS BEFORE BEGINNING INSTALLATION. IF DIMENSIONS VARY FROM DESIGN DIMENSIONS FOR PROPER INSTALLATION, NOTIFY ARCHITECT, ENGINEER AND WAIT FOR INSTRUCTIONS BEFORE BEGINNING INSTALLATION.
- PREPARATION NOTE: SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED MUST BE FREE OF DEBRIS, LOOSE MATERIAL, STANDING WATER, ICE, AND OTHER DELETERIOUS SUBSTANCES BEFORE START OF CONCRETE PLACING. REMOVE STANDING WATER WITHOUT WASHING OVER FRESHLY DEPOSITED CONCRETE. DIVERT FLOW OF WATER THROUGH SIDE DRAINS PROVIDED FOR SUCH PURPOSE. WHEN SUBGRADE MATERIAL IS SEMIPOROUS AND DRY, SPRINKLE SUBGRADE SURFACE WITH WATER AS REQUIRED TO ELIMINATE SUCTION AT THE TIME CONCRETE IS DEPOSITED. OR SEAL SUBGRADE SURFACE BY COVERING SURFACE WITH SPECIFIED VAPOR RETARDER. WHEN SUBGRADE MATERIAL IS POROUS, SEAL SUBGRADE SURFACE BY COVERING SURFACE WITH SPECIFIED VAPOR RETARDER. SUBGRADE UNDER SLABS ON GROUND.
- BEFORE CONSTRUCTION OF SLABS ON GROUND, HAVE UNDERGROUND WORK ON PIPES AND CONDUITS COMPLETED AND APPROVED. PREVIOUSLY CONSTRUCTED SUBGRADE OR FILL MUST BE CLEANED OF FOREIGN MATERIALS. FINISH SURFACE OF CAPILLARY WATER BARRIER UNDER INTERIOR SLABS ON GROUND MUST NOT SHOW DEVIATION IN EXCESS OF 1/4 INCH WHEN TESTED WITH A 10-FOOT STRAIGHTEDGE PARALLEL WITH AND AT RIGHT ANGLES TO BUILDING LINES. FINISHED SURFACE OF SUBGRADE OR FILL UNDER EXTERIOR SLABS ON GROUND MUST NOT BE MORE THAN 0.02-FOOT ABOVE OR 0.10-FOOT BELOW ELEVATION INDICATED BY CIVIL.
- SECURE REINFORCEMENT, JOINT MATERIALS, AND OTHER EMBEDDED MATERIALS IN POSITION, INSPECTED, AND APPROVED BEFORE START OF CONCRETE PLACING.
- PROVIDE BARS, WELDED WIRE REINFORCEMENT, WIRE TIES, SUPPORTS, AND OTHER DEVICES NECESSARY TO INSTALL AND SECURE REINFORCEMENT. REINFORCEMENT MUST NOT HAVE RUST, SCALE, OIL, GREASE, CLAY, OR FOREIGN SUBSTANCES THAT WOULD REDUCE THE BOND. RUSTING OF REINFORCEMENT IS A BASIS OF REJECTION IF THE EFFECTIVE CROSS-SECTIONAL AREA OR THE NOMINAL WEIGHT PER UNIT LENGTH HAS BEEN REDUCED. REMOVE LOOSE RUST PRIOR TO PLACING STEEL. TACK WELDING IS PROHIBITED.
- INSTALL IN ACCORDANCE WITH ASTM E1643. PROVIDE BENEATH THE ON-GRADE CONCRETE FLOOR SLAB. USE THE GREATEST WIDTHS AND LENGTHS PRACTICABLE TO ELIMINATE JOINTS WHEREVER POSSIBLE. LAP JOINTS A MINIMUM OF 12 INCHES AND TIE. REMOVE TORN, PUNCTURED, OR DAMAGED VAPOR RETARDER MATERIAL AND PROVIDE WITH NEW VAPOR RETARDER. PRIOR TO PLACING CONCRETE. CONCRETE PLACEMENT MUST NOT DAMAGE VAPOR RETARDER.
- REPAIR SURFACE DEFECTS IN ACCORDANCE WITH ACI 301 SECTION 5.
- CONSTRUCTION JOINTS: MAKE AND LOCATE JOINTS NOT INDICATED SO AS NOT TO IMPAIR STRENGTH AND APPEARANCE OF THE STRUCTURE. AS APPROVED, JOINTS MUST BE PERPENDICULAR TO MAIN REINFORCEMENT. REINFORCEMENT MUST BE CONTINUED AND DEVELOPED ACROSS CONSTRUCTION JOINTS.
- SAWCUTTING WILL BE LIMITED TO WITHIN 12 HOURS AFTER SET AND AT 1/4 SLAB DEPTH.
- CONTRACTION AND CONTROL JOINTS WHICH ARE TO RECEIVE FINISH FLOORING MATERIAL MUST BE SEALED WITH JOINT SEALING COMPOUND AFTER CONCRETE CURING PERIOD. SLIGHTLY UNDERFILL GROOVE WITH JOINT SEALING COMPOUND TO PREVENT EXTRUSION OF COMPOUND. REMOVE EXCESS MATERIAL AS SOON AFTER SEALING AS POSSIBLE.



CONSTRUCTION JOINT (C.J.) 1" = 1'-0"

TENSION DEVELOPMENT AND LAP SPICE LENGTHS FOR BARS IN WALLS, SLABS AND FOOTINGS (ACI 25.4.2.3)

BAR SIZE	CONCRETE COVER ± 0.75 IN.		CONCRETE COVER ± 1.5 IN.		CONCRETE COVER ± 2.0 IN.		CONCRETE COVER ± 3.0 IN.	
	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
#4	28	22	23	17	23	17	23	17
#5	41	32	28	22	28	22	28	22
#6	56	43	34	26	34	26	34	26
#7	40	64	55	43	49	38	49	38
#8	66	66	54	41	43	33	43	33
#9	135	104	86	66	69	53	63	48
#10	162	125	105	81	85	66	71	55

REBAR

2 1" = 1'-0"



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:



DEWBERRY ENGINEERING, INC.
 203 ABERDEEN PKWY., PANAMA CITY, FL 32405
 (850) 522-0644



SCR & ASSOCIATES NWFL
 3445 FL-389, PANAMA CITY, FL 32405
 (850) 265-6979



206 FL-79, PANAMA CITY BEACH, FL 32413

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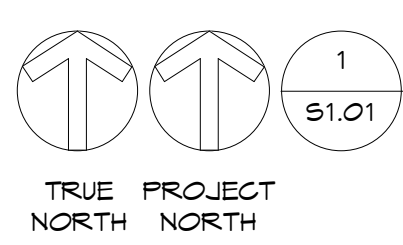
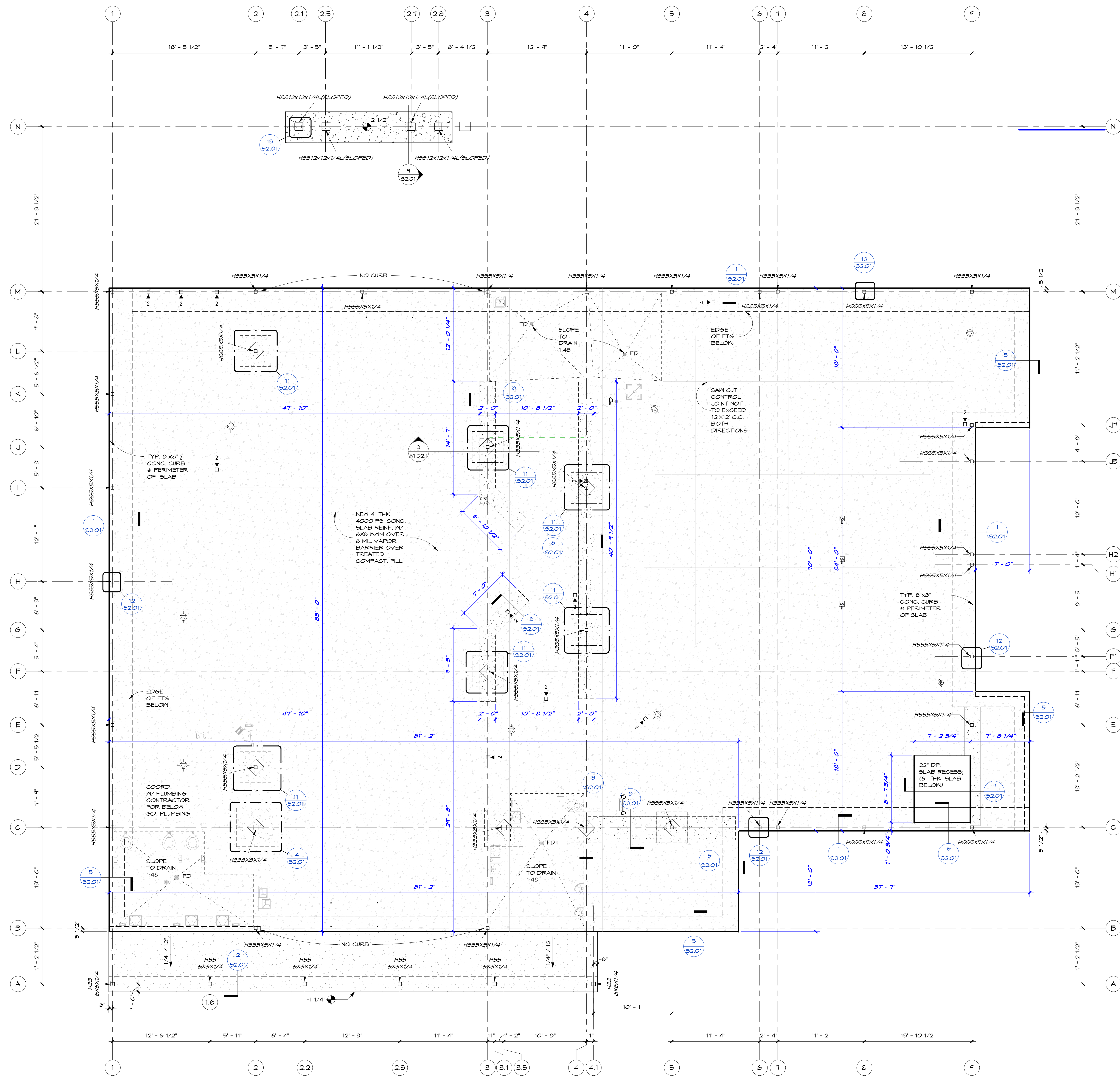
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 DRAWN BY: JB, CP CHECKED BY: AA, RR

NO.	REVISION:	DATE:

STRUCTURAL NOTES & DETAILS/DESIGN PRESSURE NOTES

PROJECT NO: 4323 SHEET NO: S0.01

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FOUNDATION PLAN

3/16" = 1'-0"

SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:
Dewberry

DEWBERRY ENGINEERING, INC.
 203 ABERDEEN PKWY.
 PANAMA CITY, FL 32405
 (850) 522-0644

Associates
 SCR & ASSOCIATES NWFL
 3445 FL-389,
 PANAMA CITY, FL 32405
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JH&A
 CONSTRUCTION & ENGINEERING
 206 FL-79,
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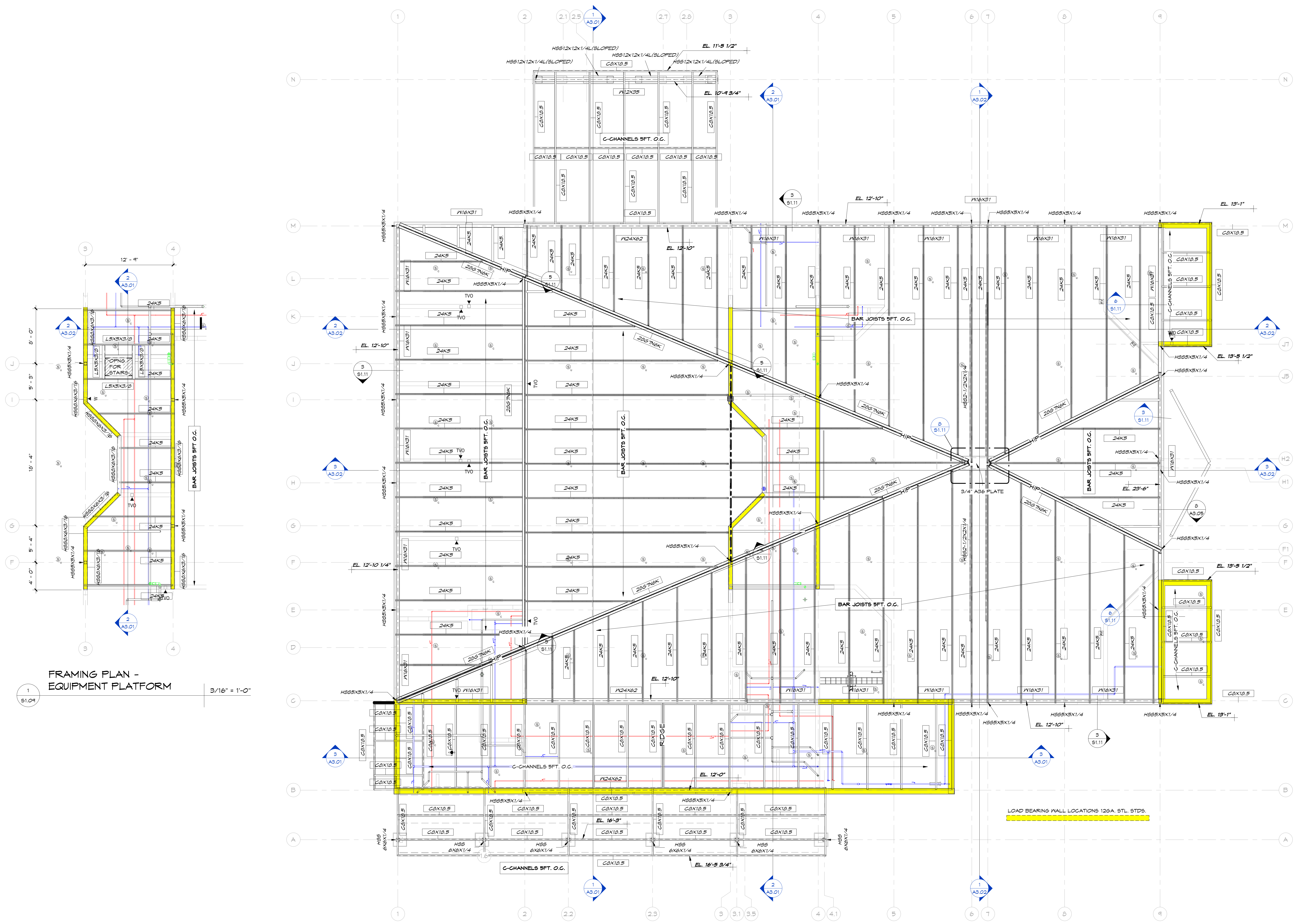
SCALE: 3/16" = 1'-0"	DATE: 10/10/2024
DRAWN BY: JB, CD	CHECKED BY: AA, RP
NO.	REVISION: DATE:

SHEET TITLE:
FOUNDATION PLAN

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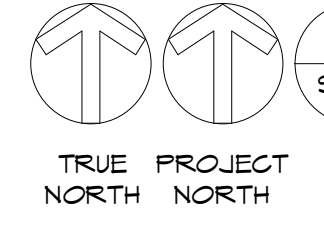
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FRAMING PLAN - EQUIPMENT PLATFORM
 3/16" = 1'-0"

FRAMING PLAN - ROOF
 3/16" = 1'-0"



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:

Dewberry

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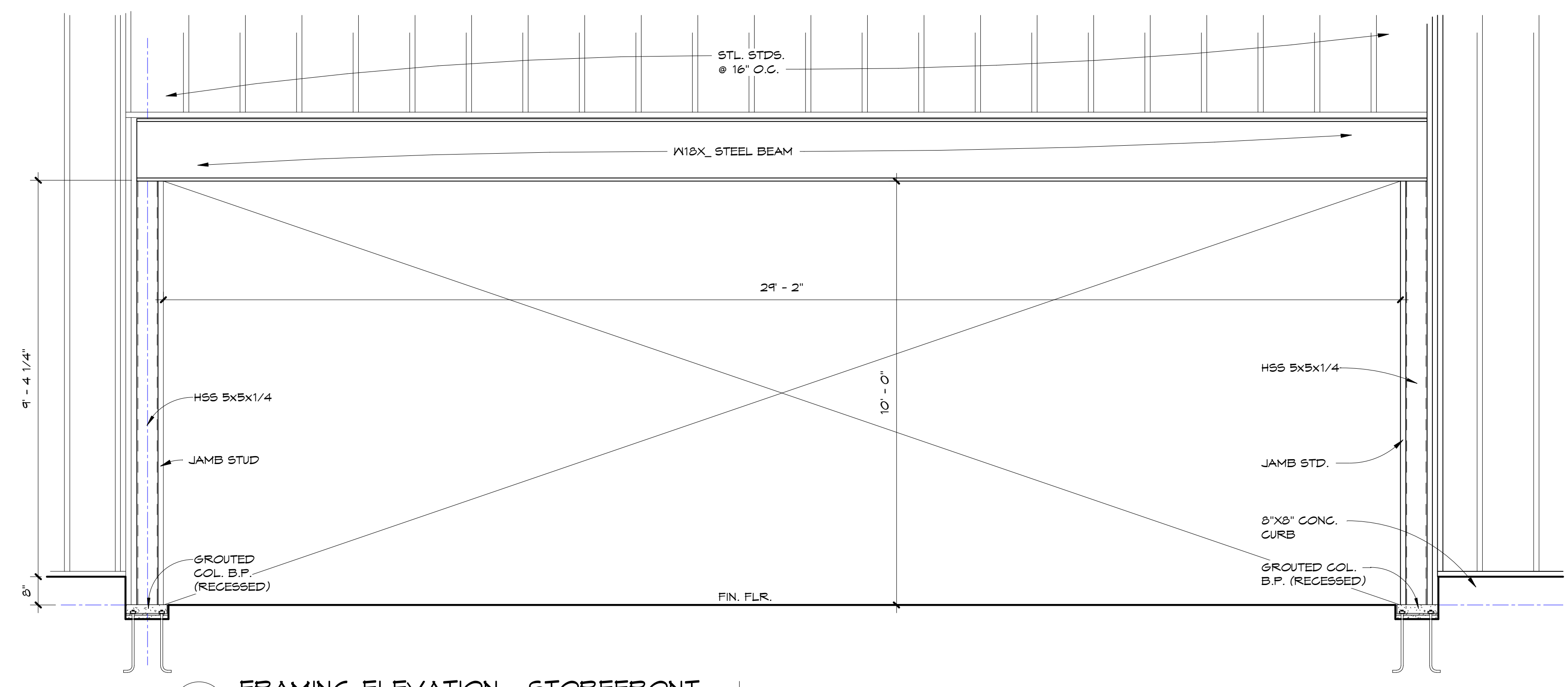
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NO.	REVISION:
	DATE:

SHEET TITLE:
FRAMING PLANS - ENLARGED

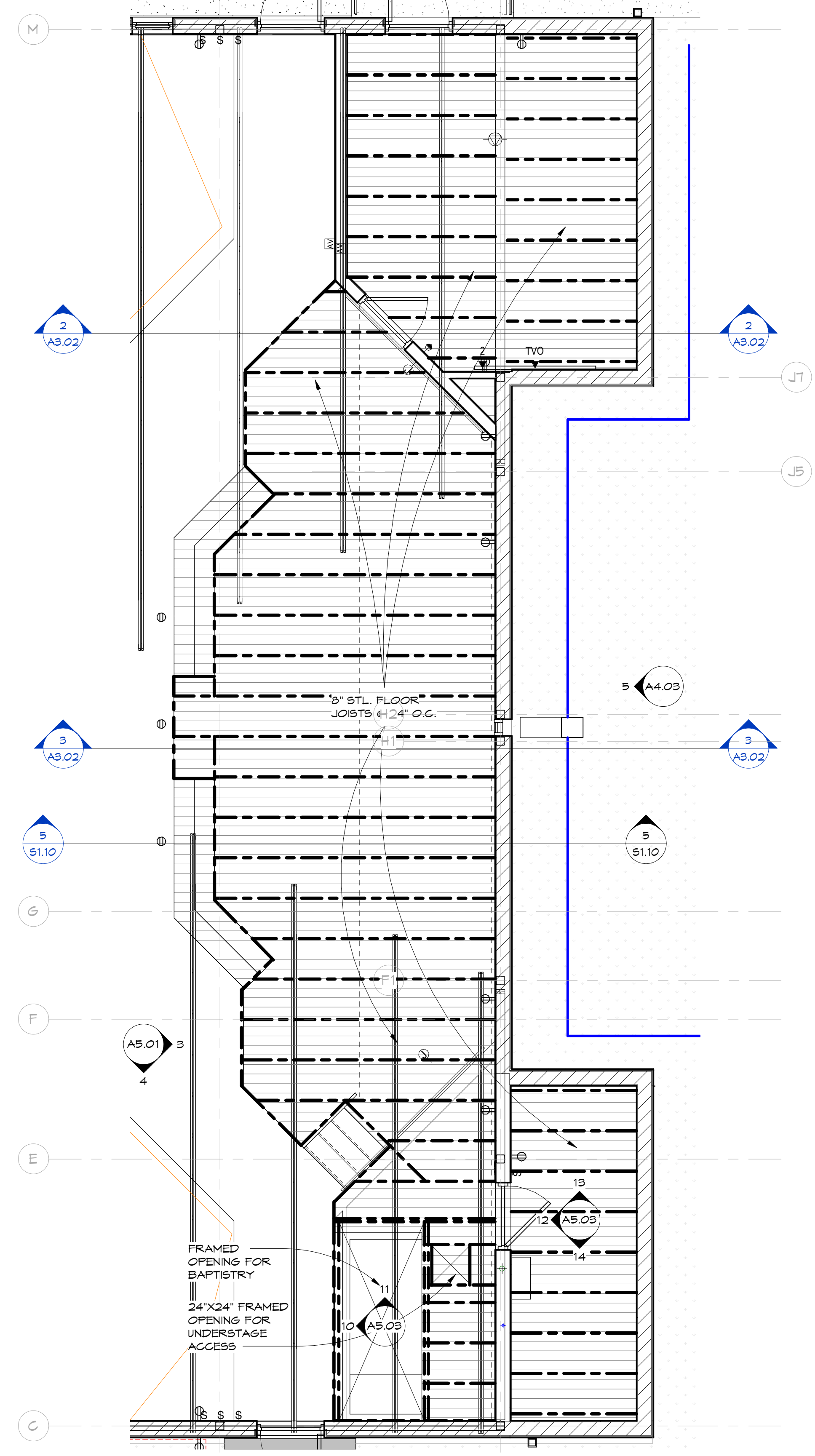
PROJECT NO:
4323

SHEET NO:
S1.10

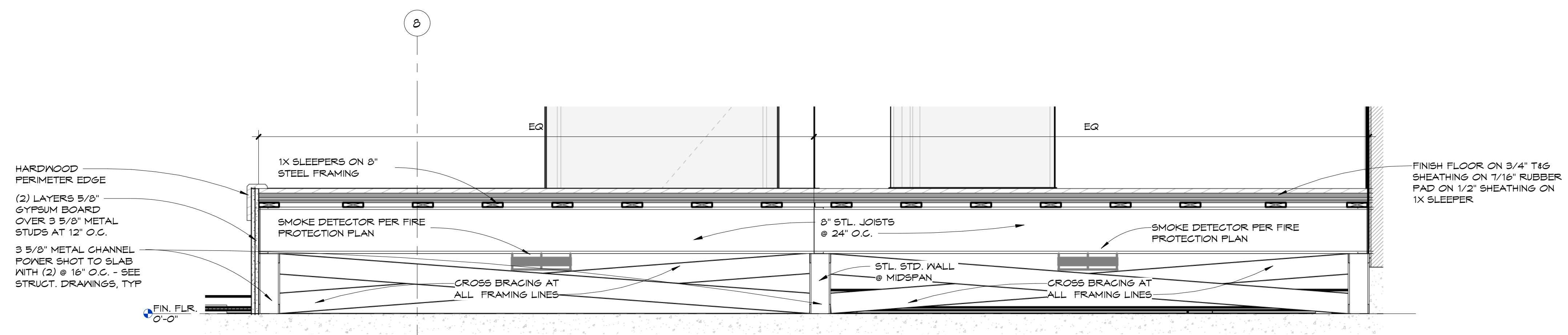
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3 FRAMING ELEVATION - STOREFRONT 1/2" = 1'-0"

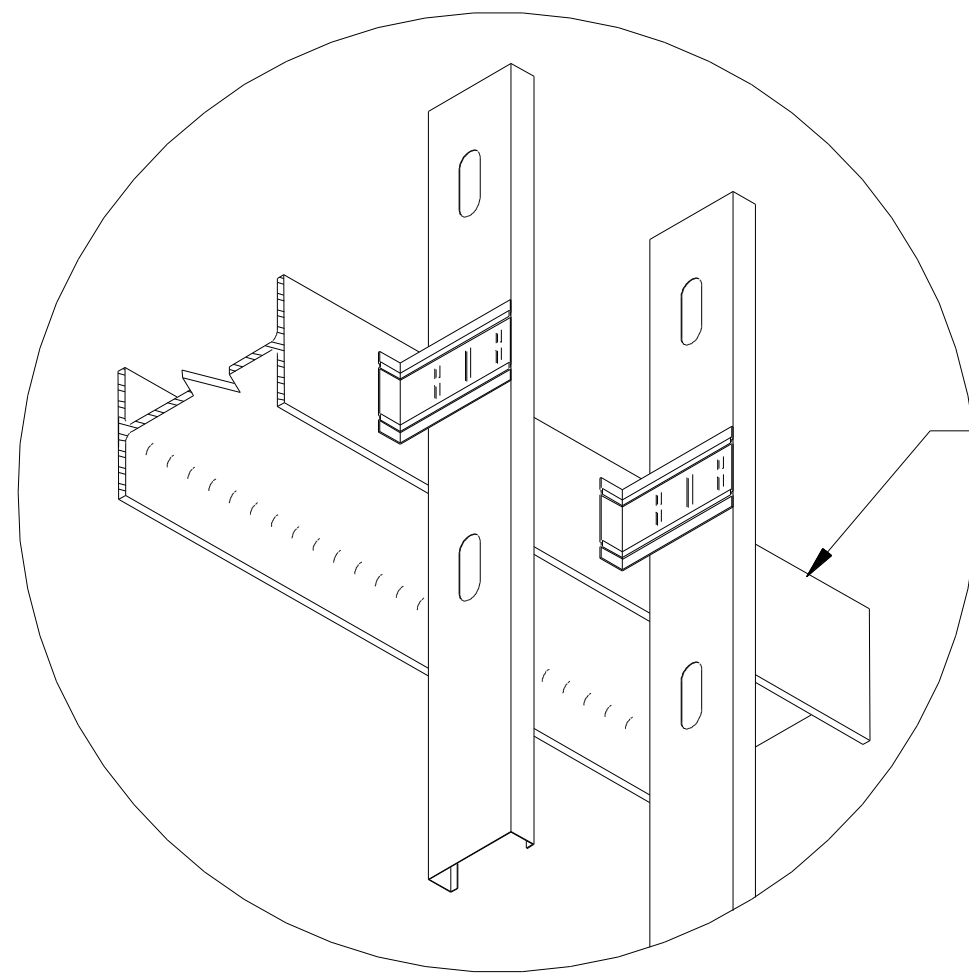


2 FRAMING PLAN - STAGE 1/4" = 1'-0"

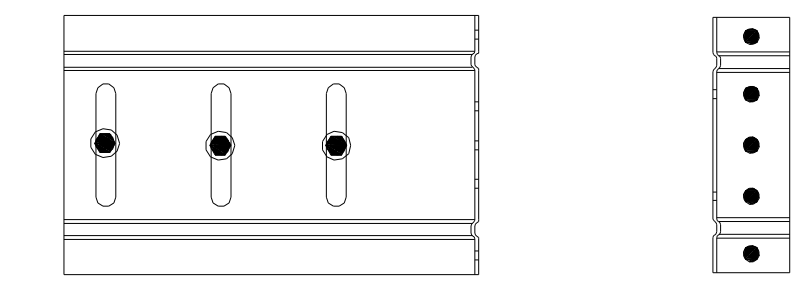


5 FRAMING - STAGE 1" = 1'-0"

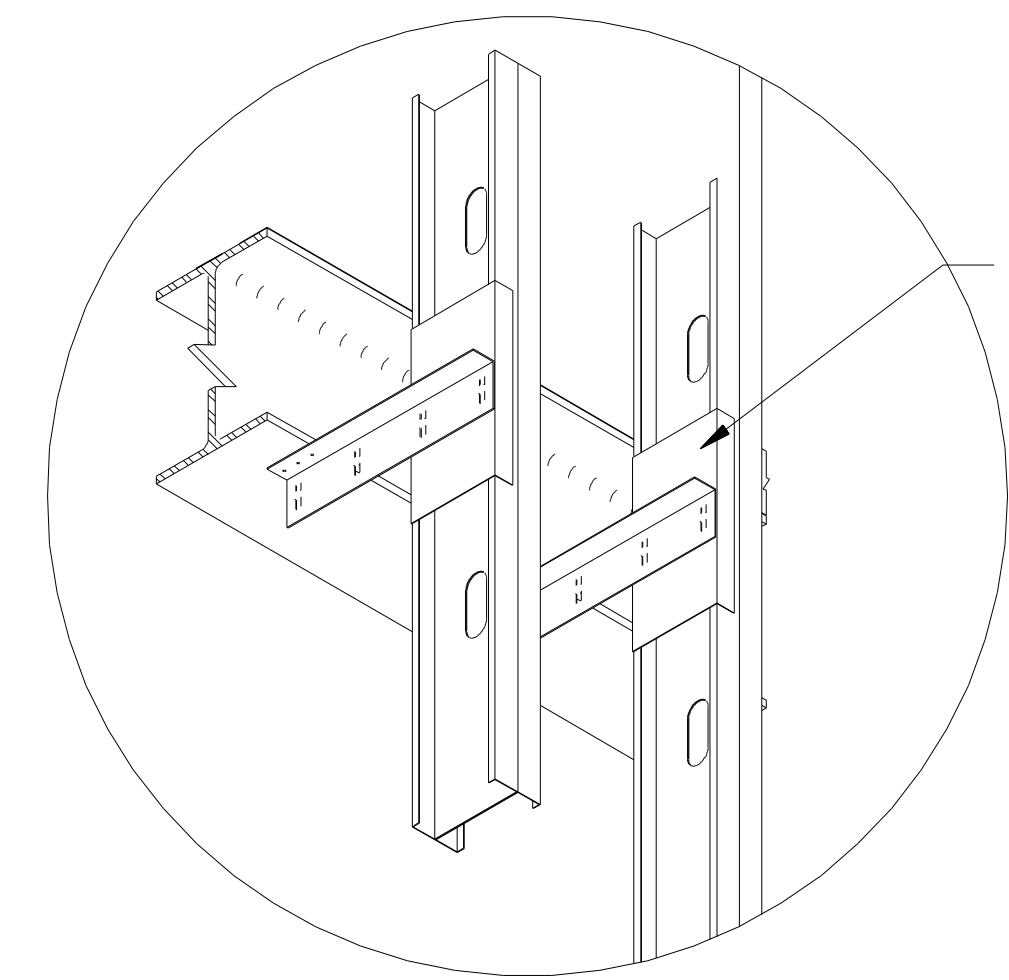
STAGE FLOOR SYSTEM:
 THE SYSTEM COMBINES 1/16" AIRTECH NATURAL RUBBER PADS, SHEATHING AND FINISH FLOORING AS SCHEDULED



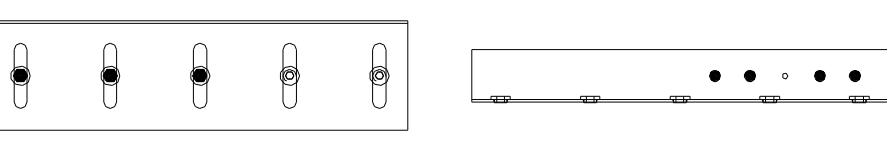
2 X VERTICLIP SLB800 OR MASTERCLIP VLB800
SCREWS: (3) #12
SCREEN PATTERN: FASTENER PATTERN:



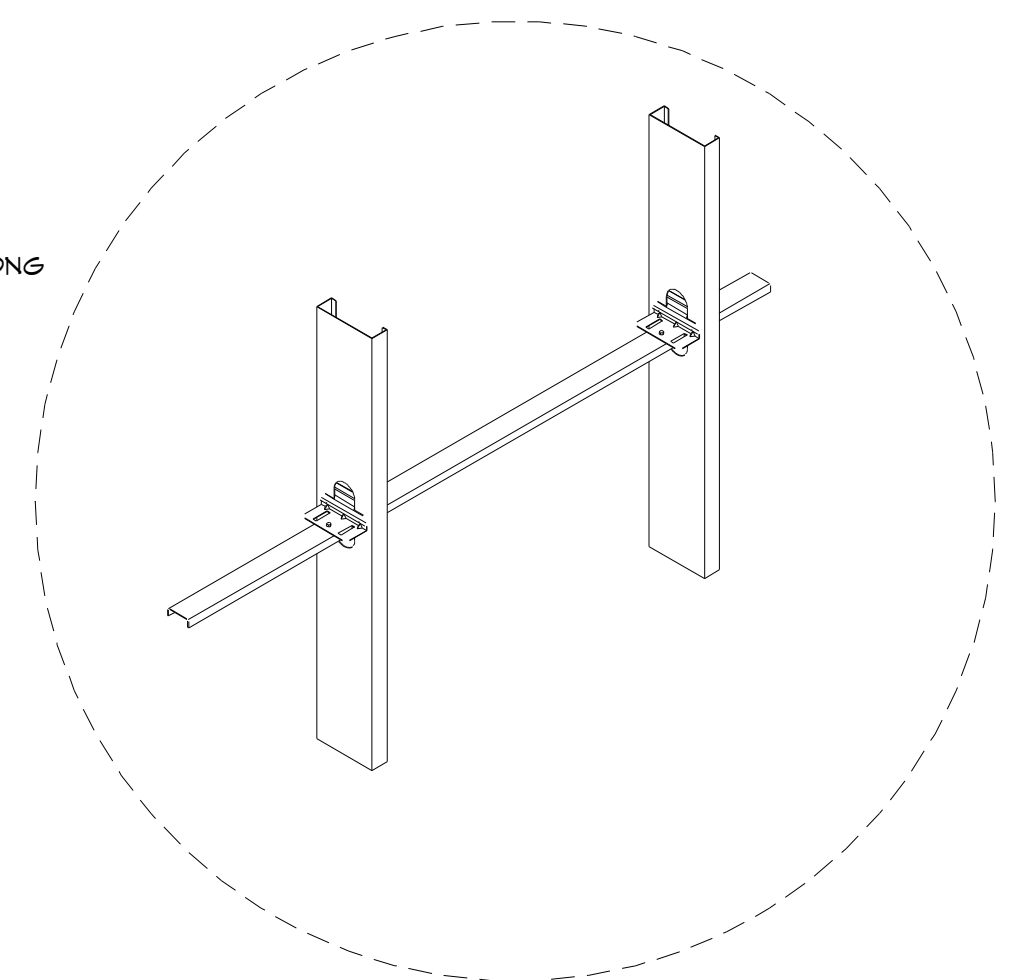
FASTENERS:
DESIGNATION: X-U, 0.15T
QUANTITY: 3
EMBEDMENT: 0.375"
MIN. EDGE DISTANCE FOR SHEAR: 0.500"
FOR TENSION: 0.500"
MIN. FASTENER SPACING FOR SHEAR: 1.000"
FOR TENSION: 1.000"



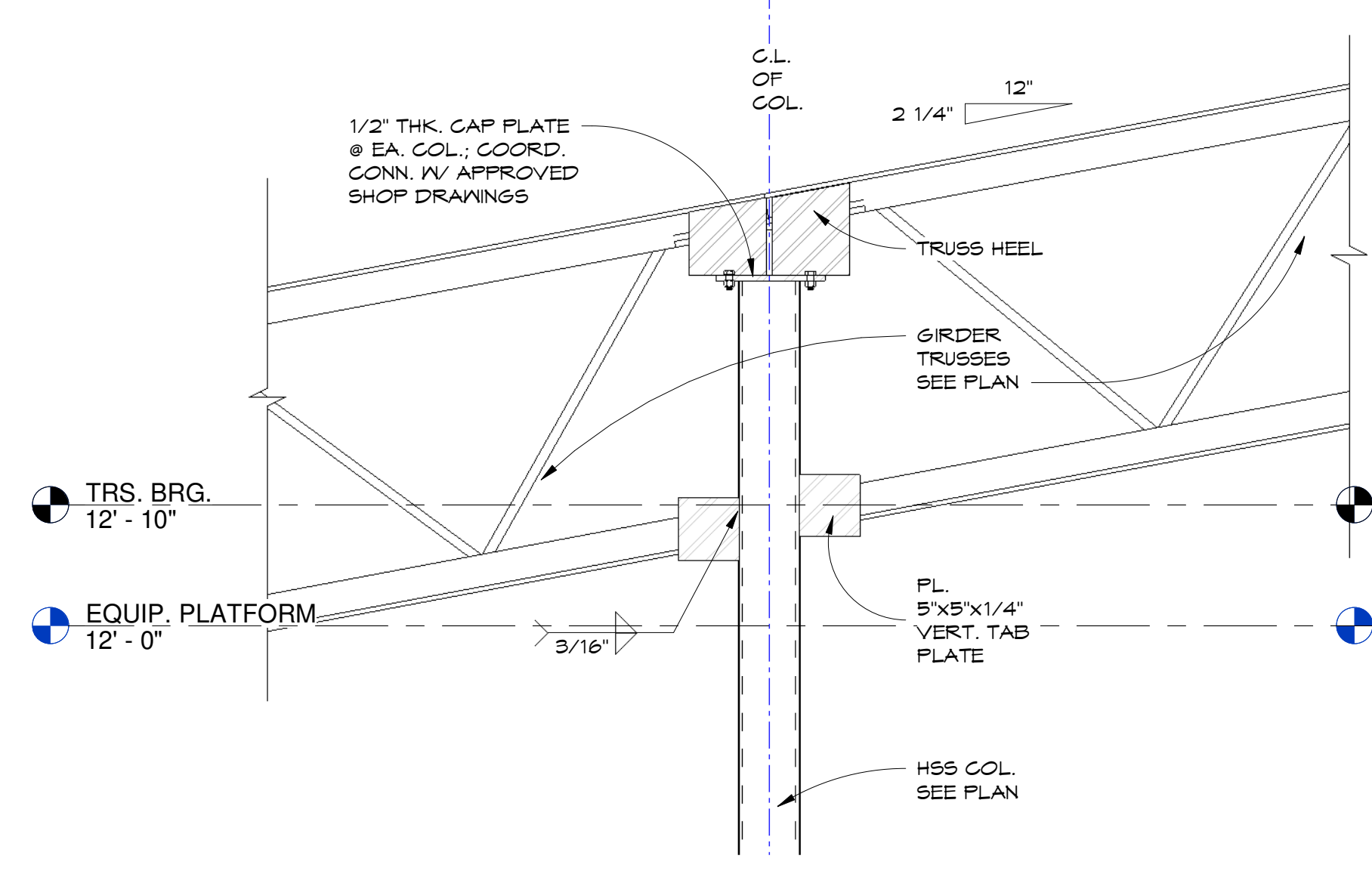
VERTICLIP SLS 800-12
SCREWS: 3 (#12)
SCREEN PATTERN: FASTENER PATTERN:



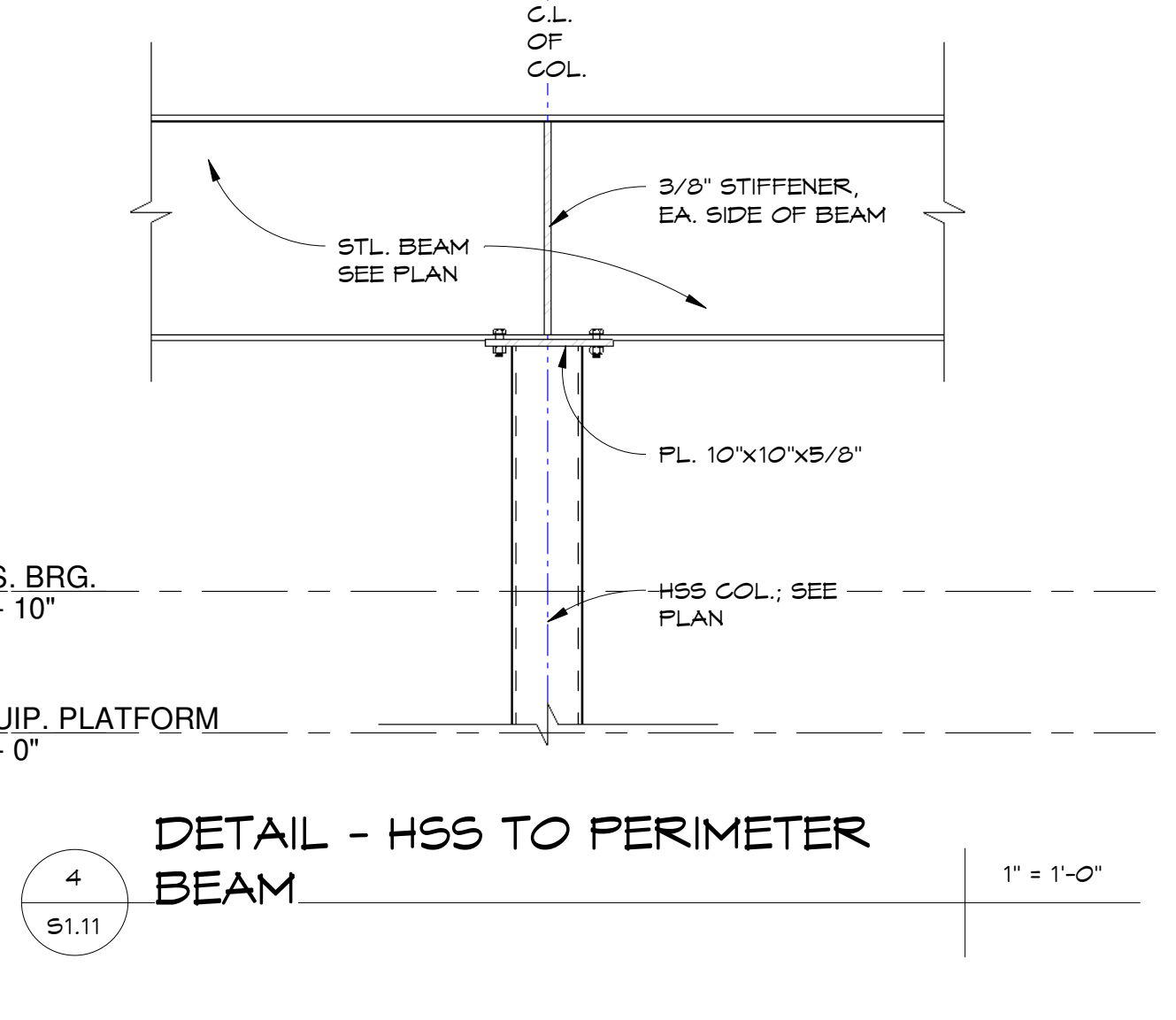
FASTENERS:
DESIGNATION: X-CR, 0.145"
QUANTITY: 4
MIN. PENETRATION: 0.188"
MIN. EDGE DISTANCE FOR SHEAR: 0.5"
FOR TENSION: 0.5"
MIN. FASTENER SPACING FOR SHEAR: 1"
FOR TENSION: 1"



BRIDGING MEMBER:
COLD-ROLLED CHANNEL
BRIDGING CLIP:
BRIDGECLIP (1 SCREW)
CONNECTION OF CLIP TO WALL STUD:
N/A
CONNECTION OF CLIP TO BRIDGING MEMBER:
1 (#10)

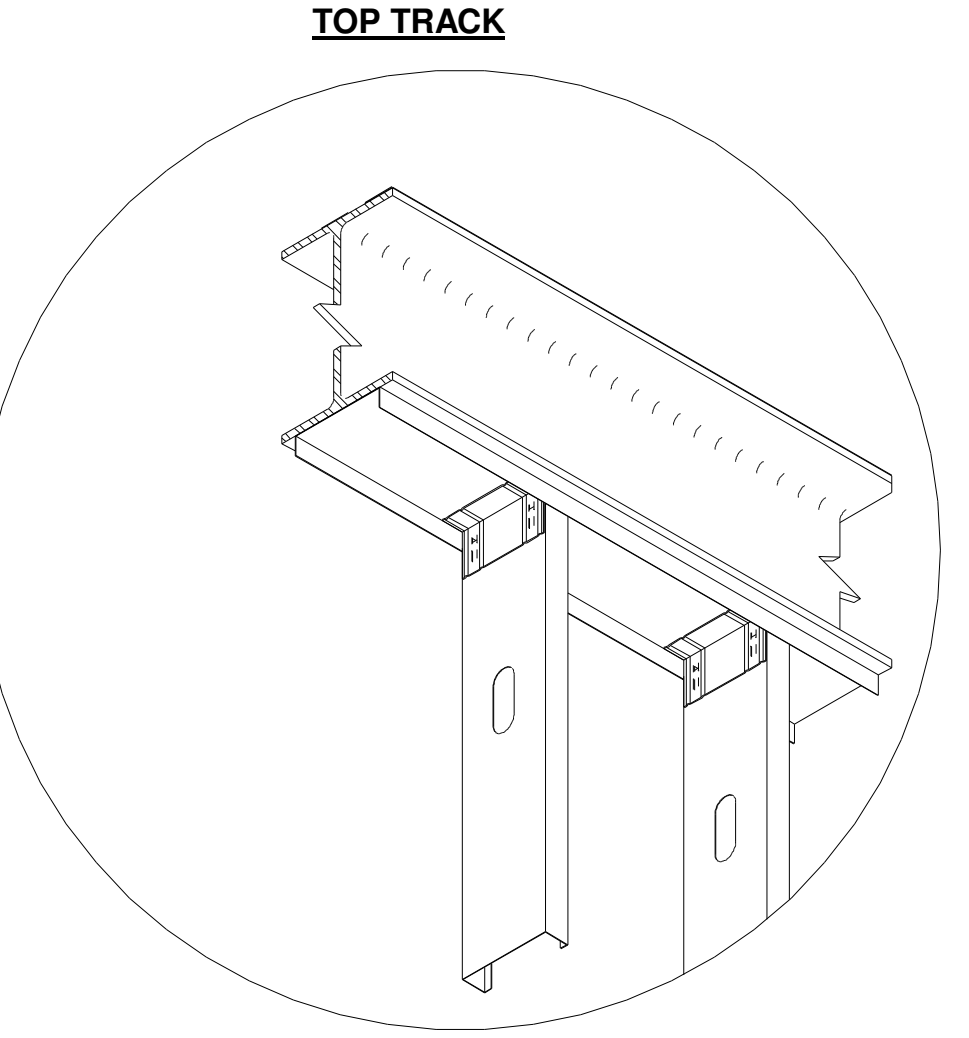


5
S1.11
DETAIL - GIRDER TRUSS TO HSS
1" = 1'-0"

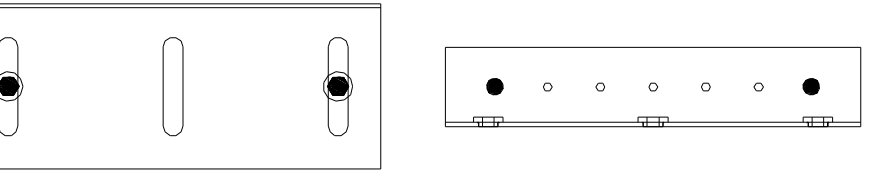


4
S1.11
DETAIL - HSS TO PERIMETER BEAM
1" = 1'-0"

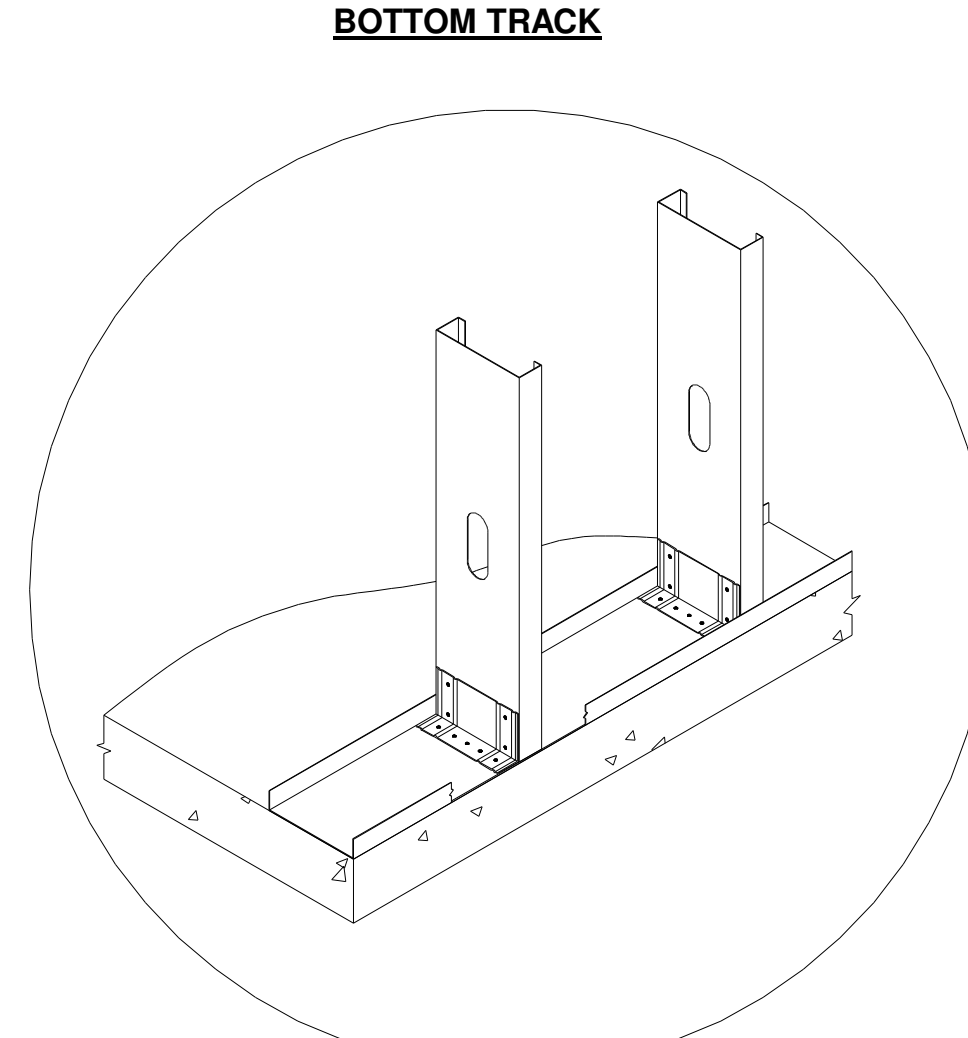
2
S1.11
LTGA FRAMING DETAIL 2
1" = 1'-0"



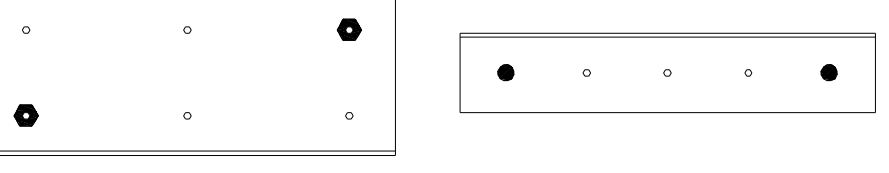
VERTICLIP SLB800
SCREWS: 2 (#12)
SCREEN PATTERN: FASTENER PATTERN:



FASTENERS:
DESIGNATION: X-U, 0.15T
QUANTITY: 2
MIN. PENETRATION: 0.188"
MIN. EDGE DISTANCE FOR SHEAR: 0.5"
FOR TENSION: 0.5"
MIN. FASTENER SPACING FOR SHEAR: 1"

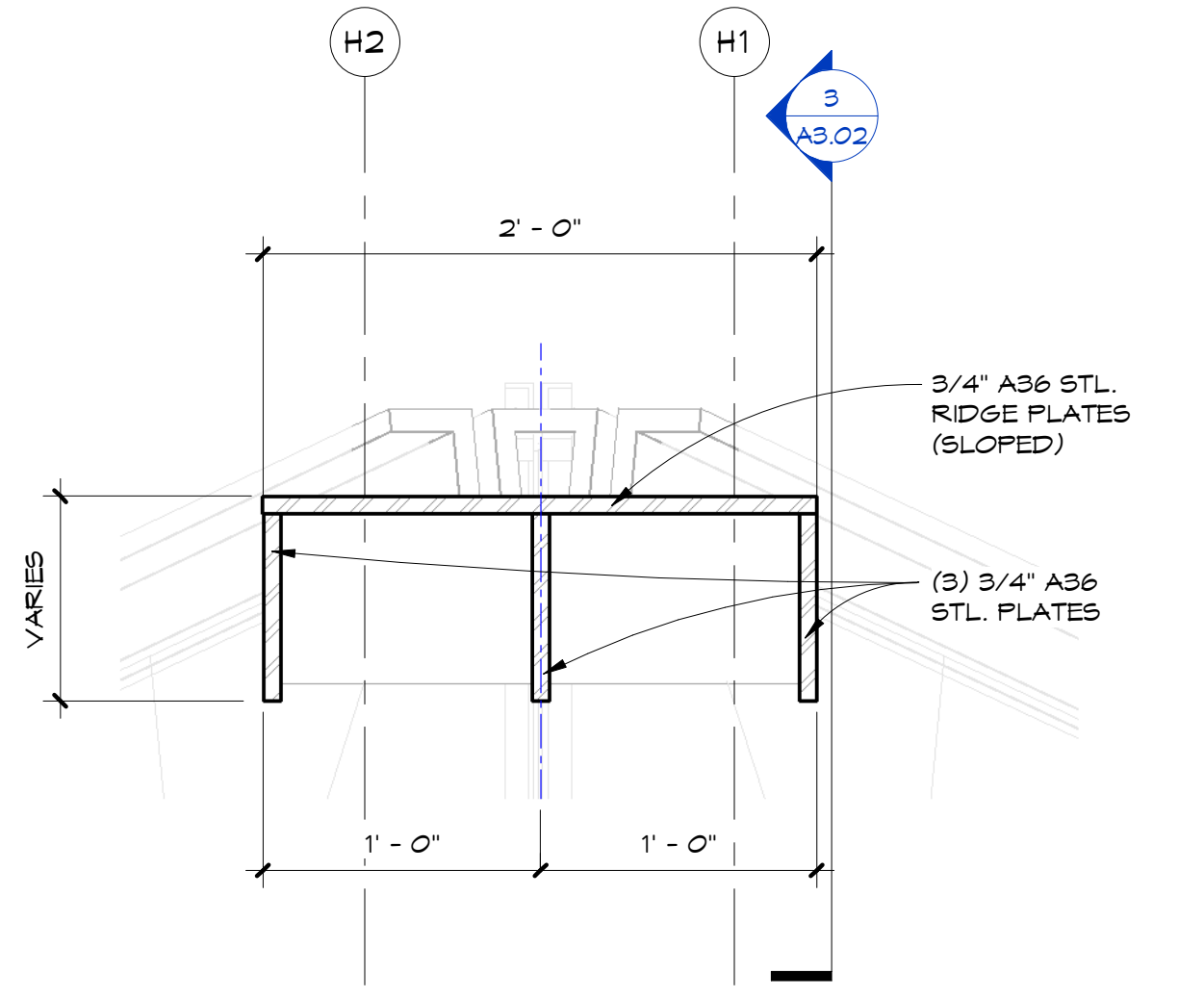


STIFFCLIP ALB800
SCREWS: 2 (#12)
SCREEN PATTERN: FASTENER PATTERN:

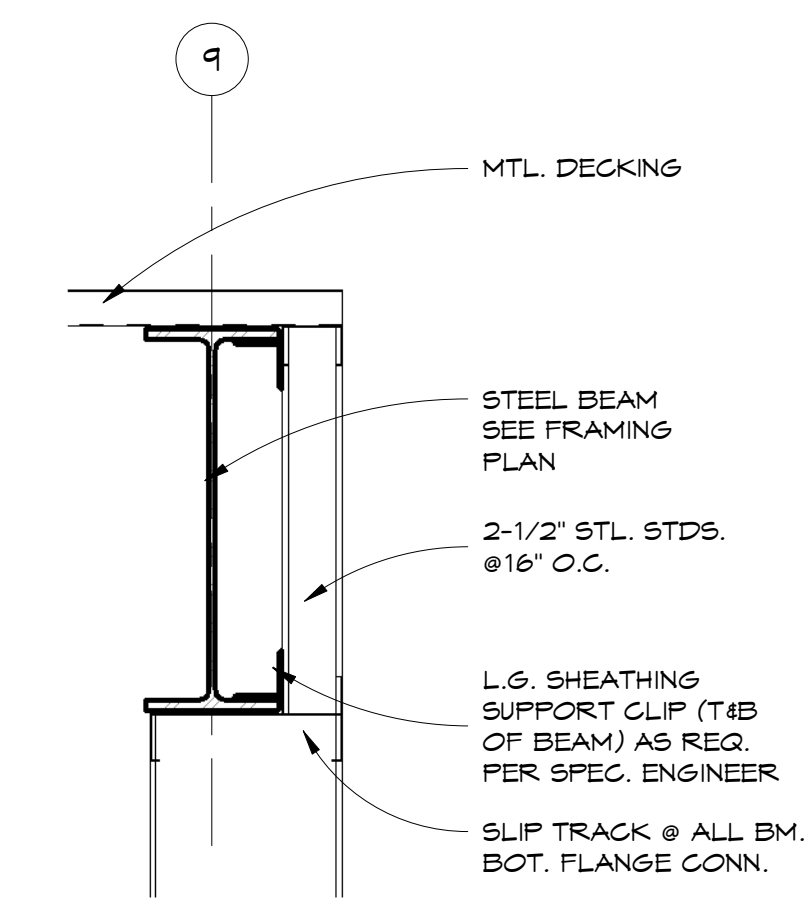


FASTENERS:
DESIGNATION: X-U, 0.15T
QUANTITY: 2
MIN. PENETRATION: 1.25"
MIN. EDGE DISTANCE FOR SHEAR: 2.75"
FOR TENSION: 2.75"
MIN. FASTENER SPACING FOR SHEAR: 2.75"
FOR TENSION: 2.75"

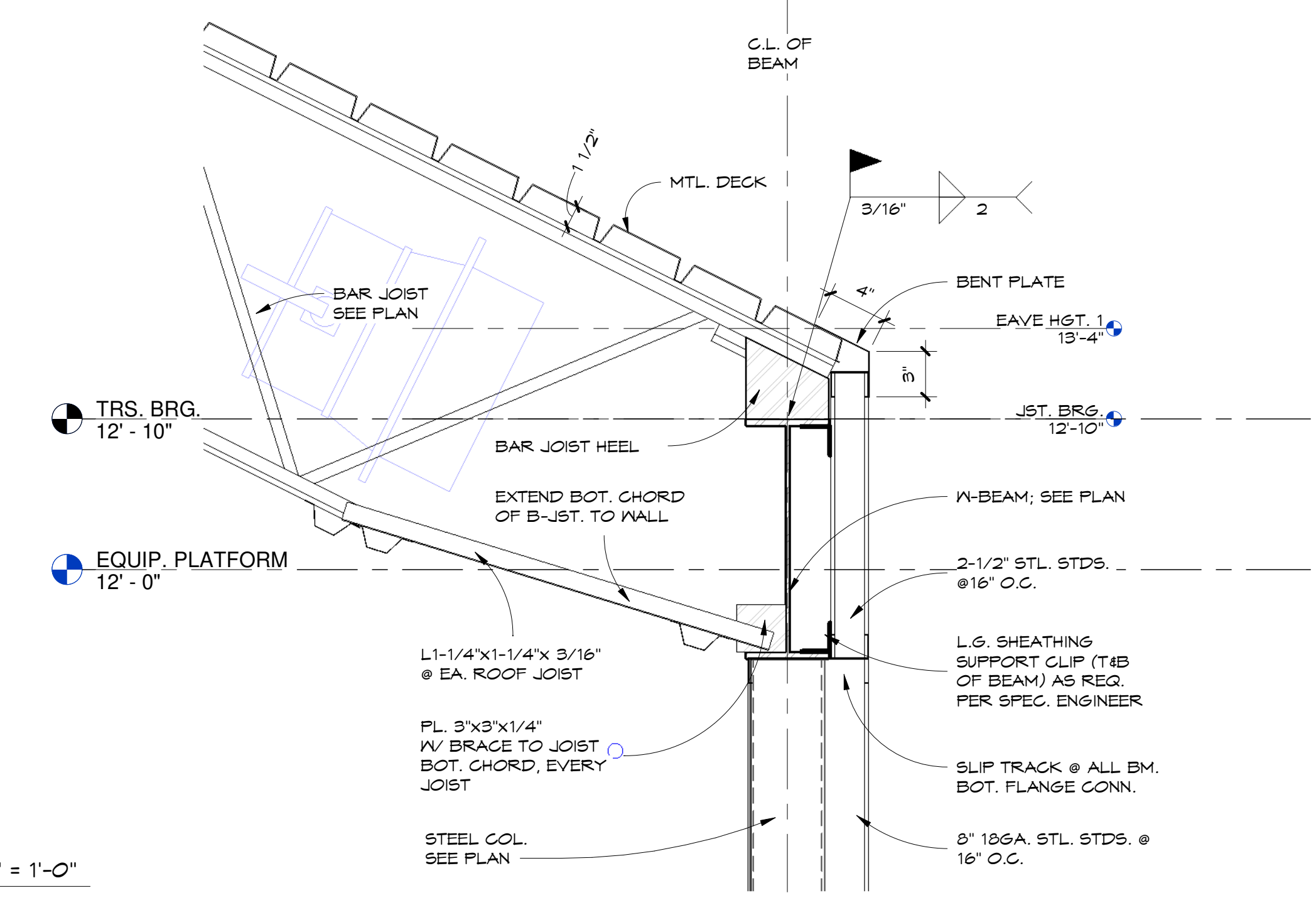
1
S1.11
LTGA FRAMING DETAIL 1
1" = 1'-0"



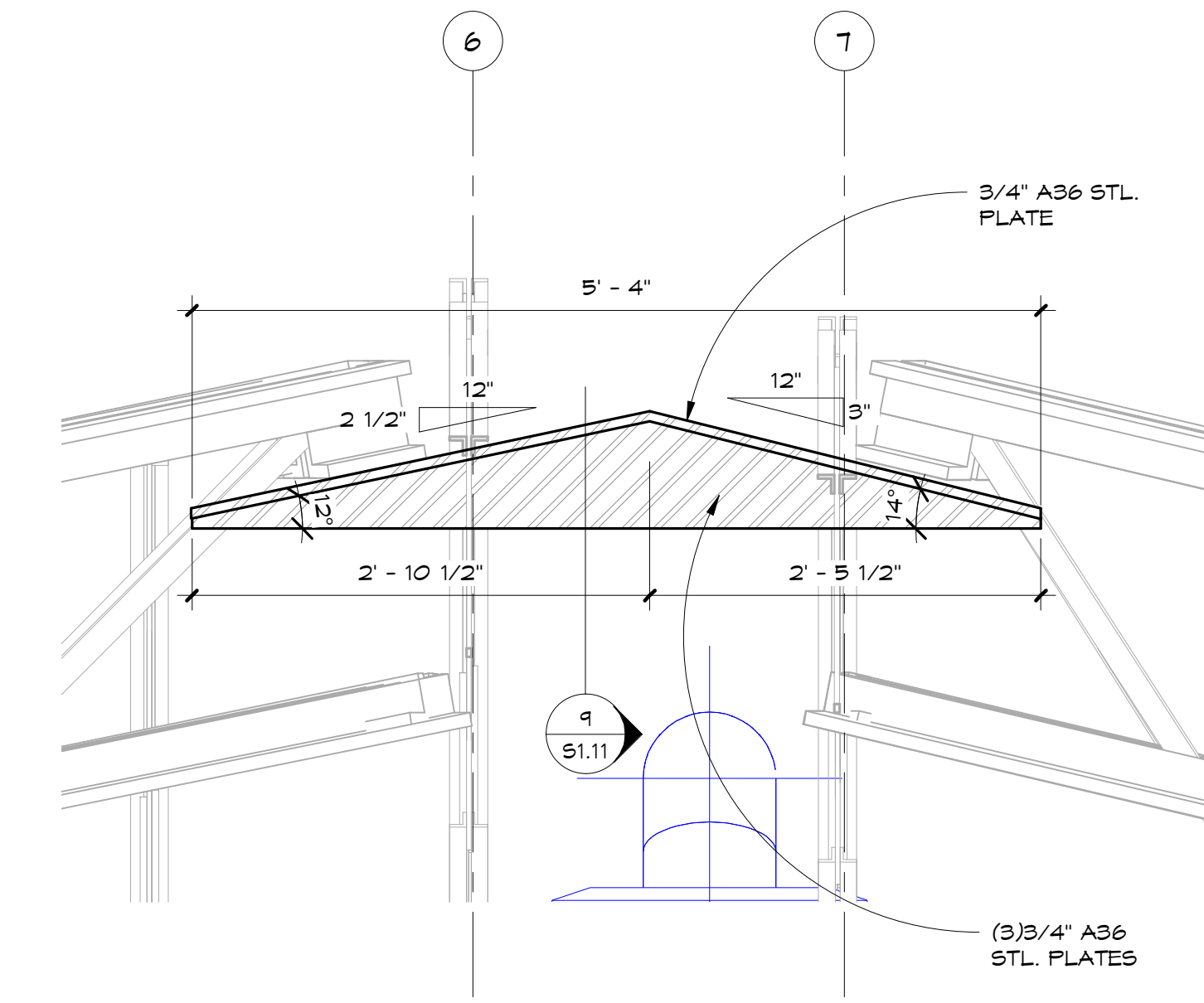
9
S1.11
DETAIL - RIDGE PLATE
1 1/2" = 1'-0"



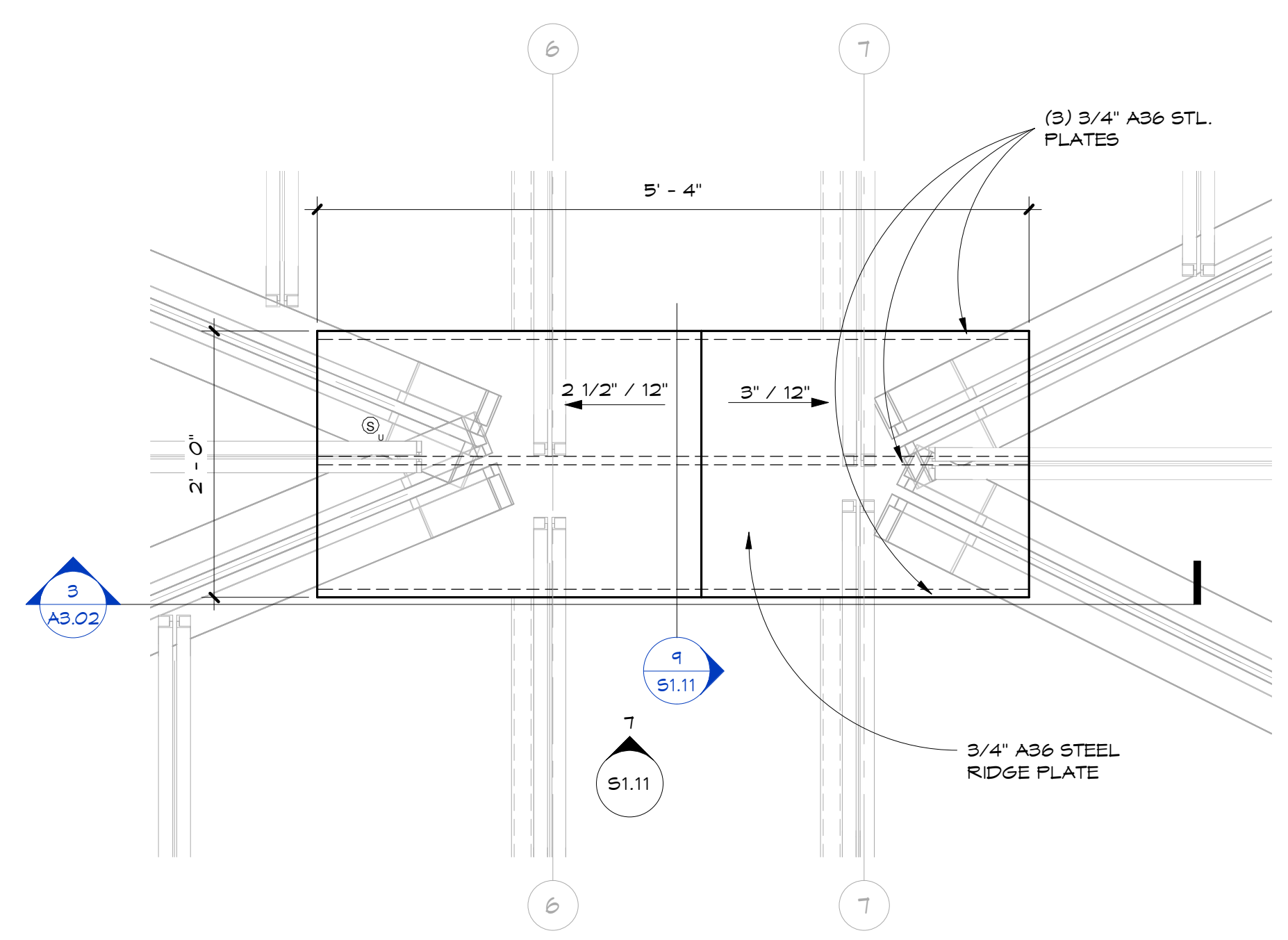
8
S1.11
DETAIL - RAKE/EAVE
1 1/2" = 1'-0"



3
S1.11
DETAIL - TYP. EAVE FRAMING
1 1/2" = 1'-0"



7
S1.11
RIDGE PLATE DETAIL
1" = 1'-0"

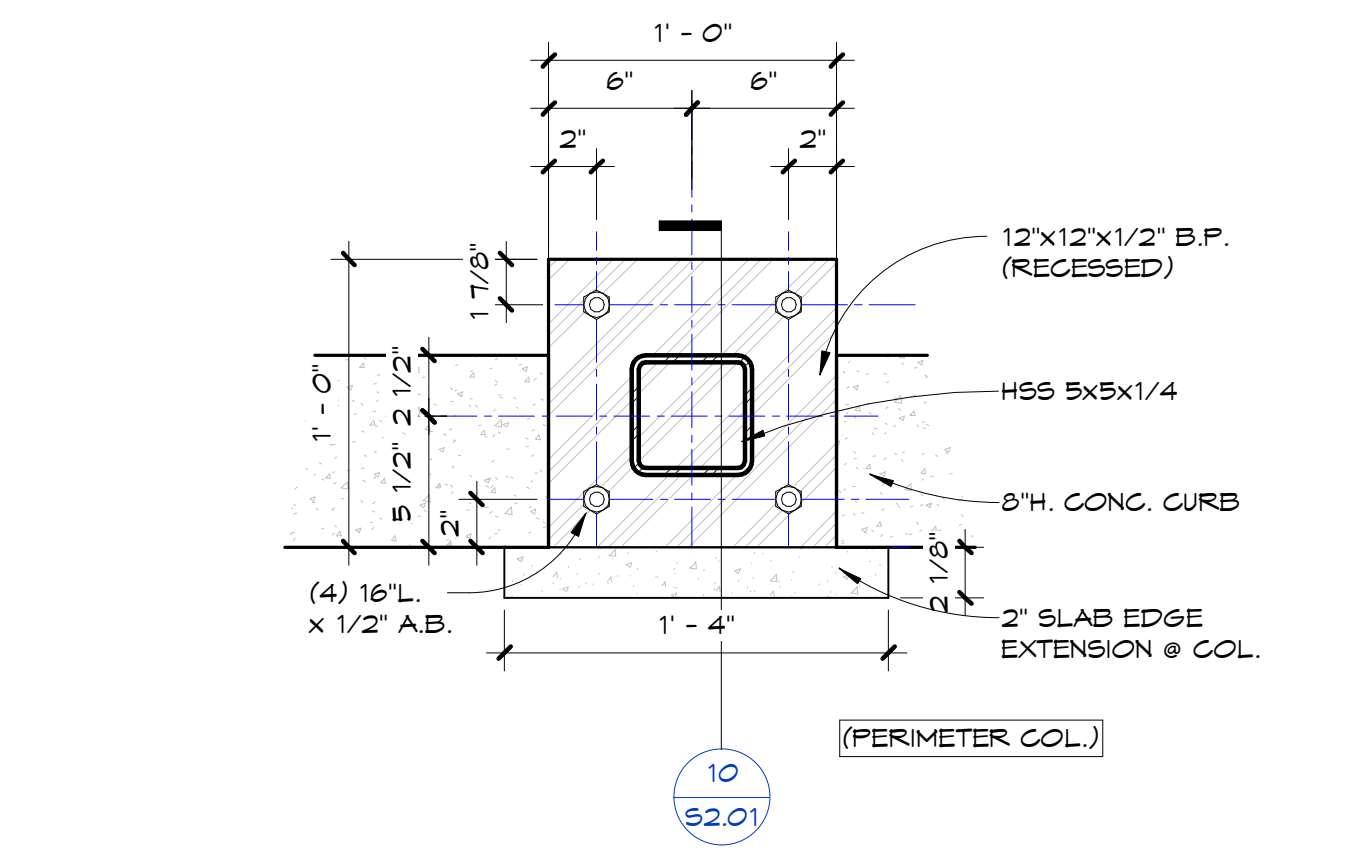


8
S1.11
PLAN DETAIL - RIDGE PLATE
1" = 1'-0"

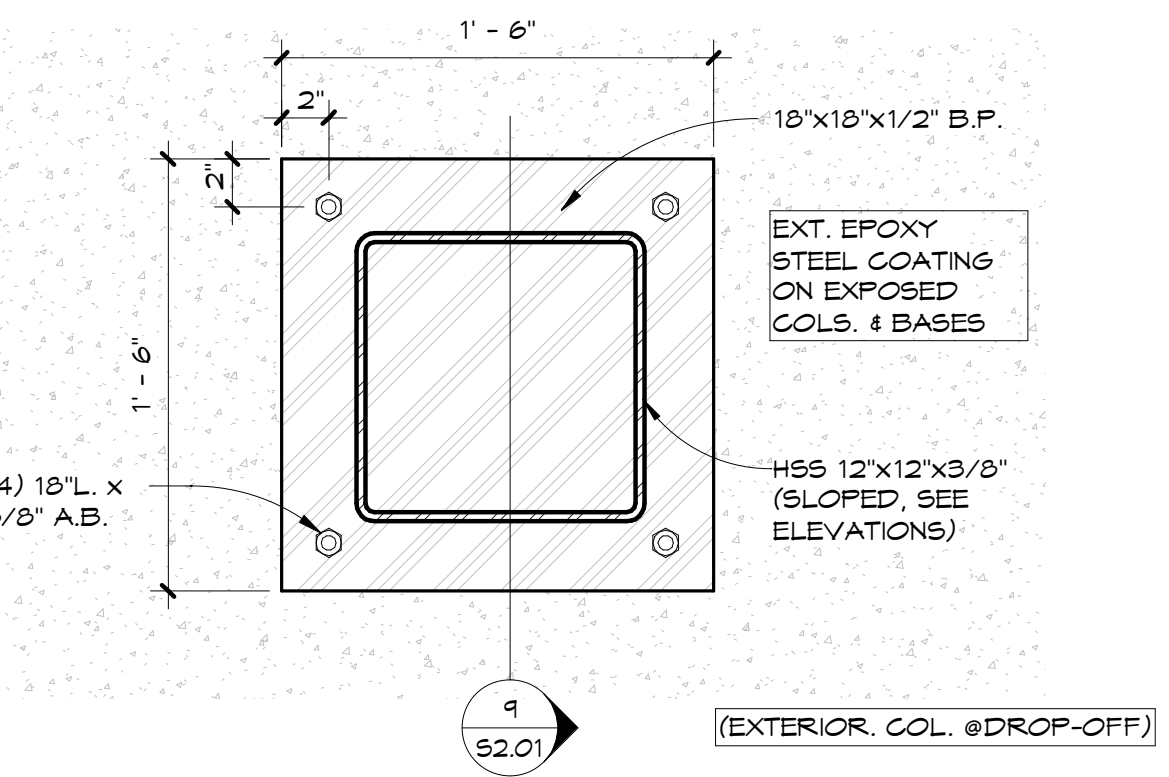
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NO.	REVISION:	DATE:

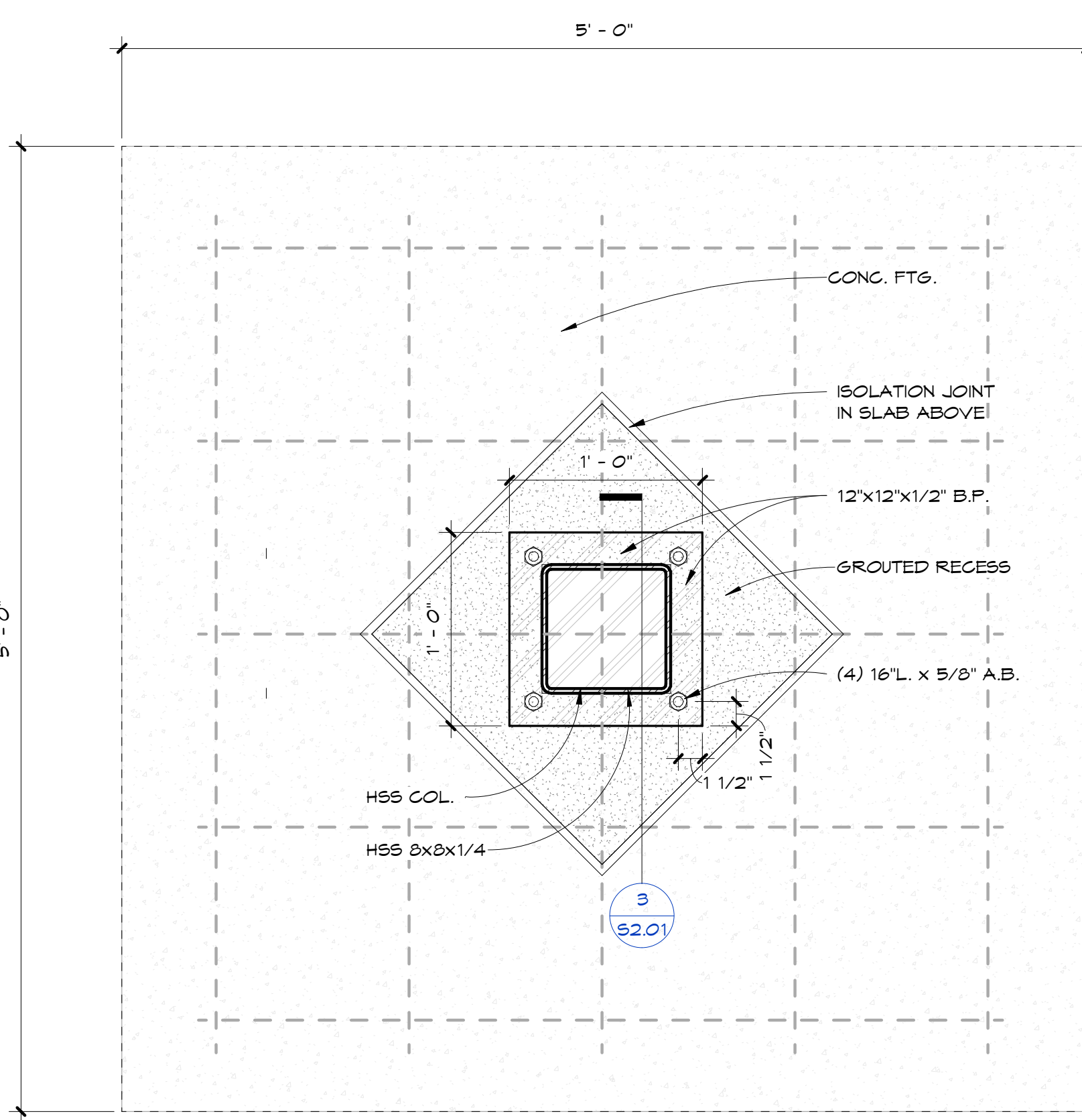
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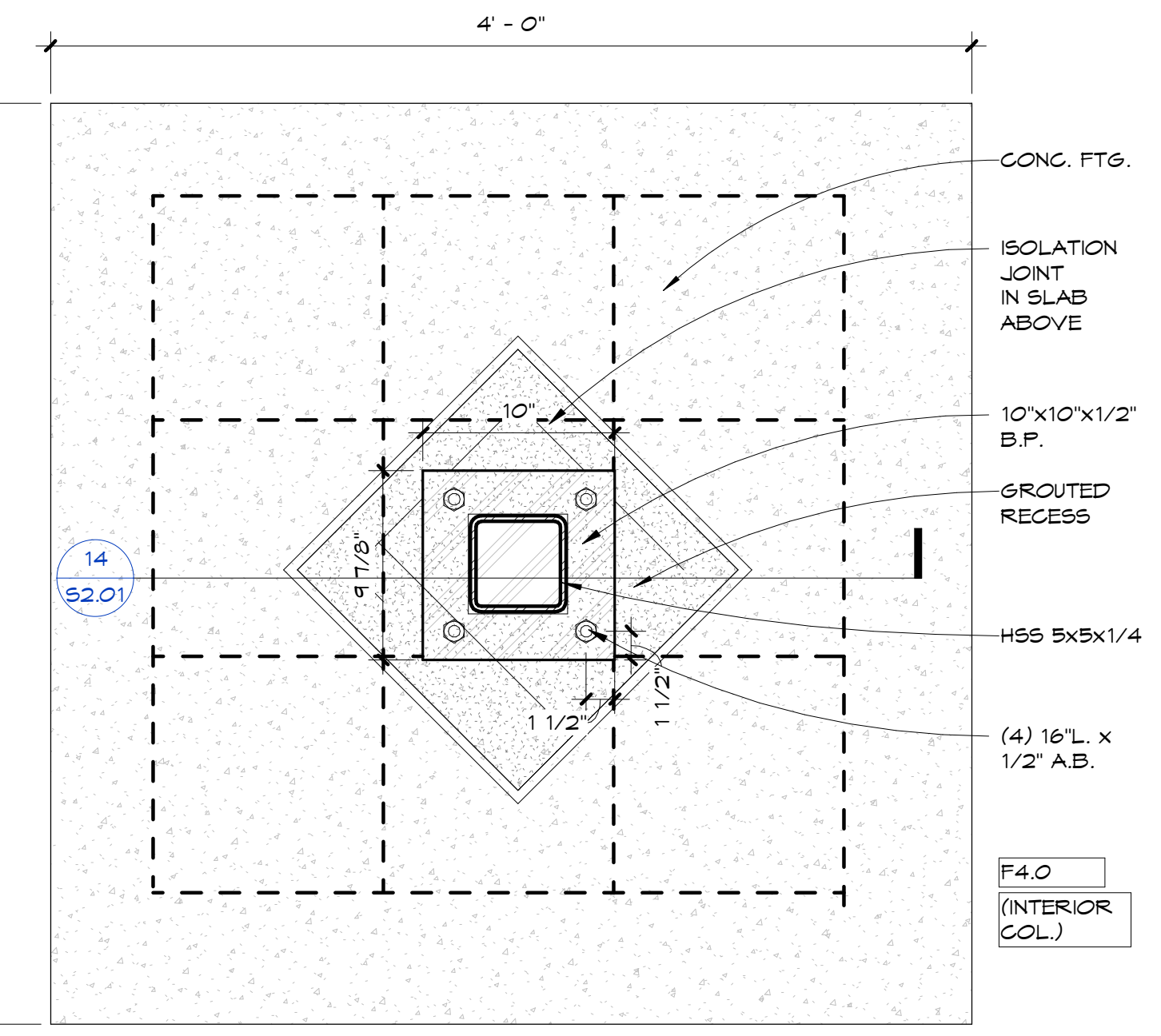
COLUMN FTG. HSS5X5-PERIMETER
 1 1/2" = 1'-0"



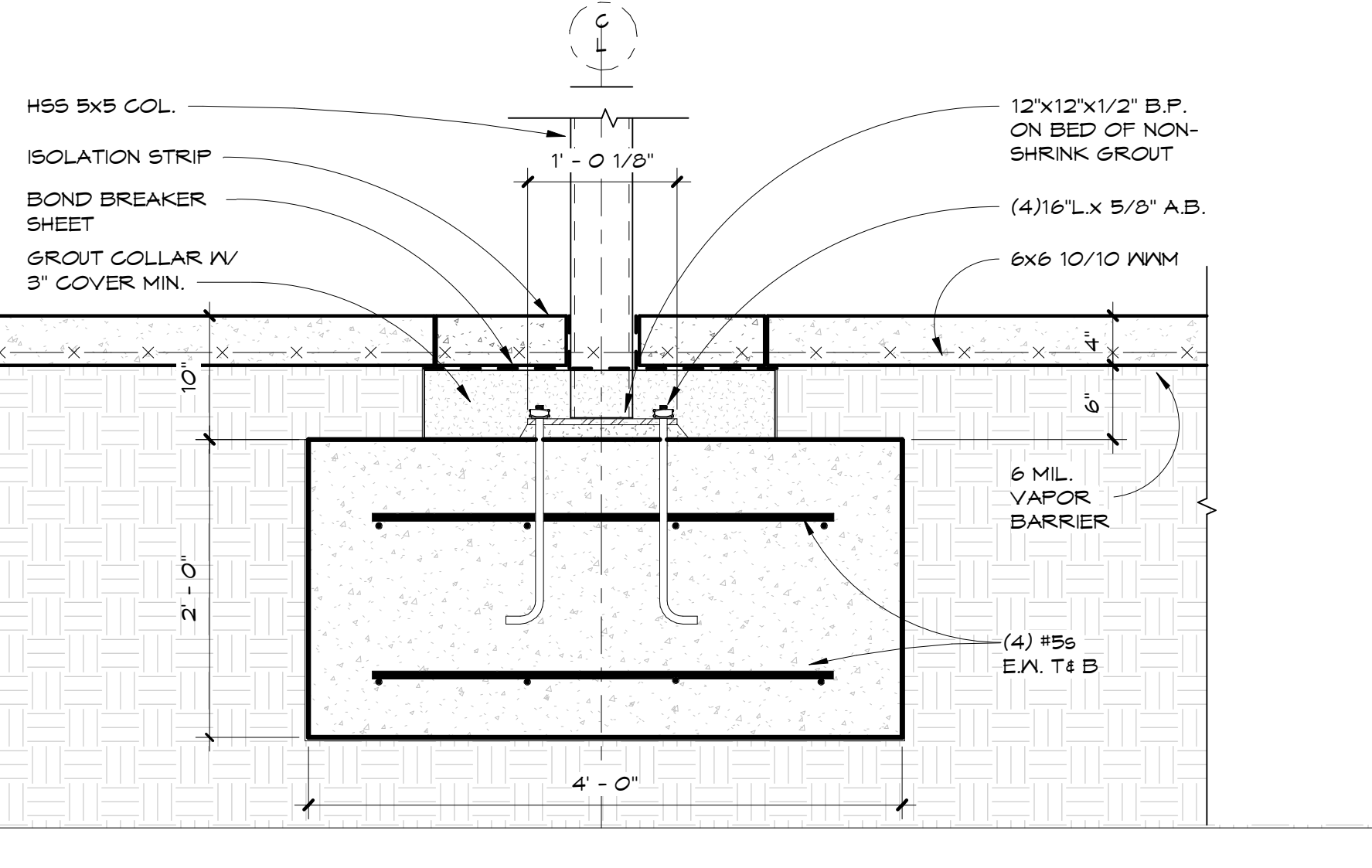
COLUMN FTG. HSS12X12 (DROP-OFF)
 1 1/2" = 1'-0"



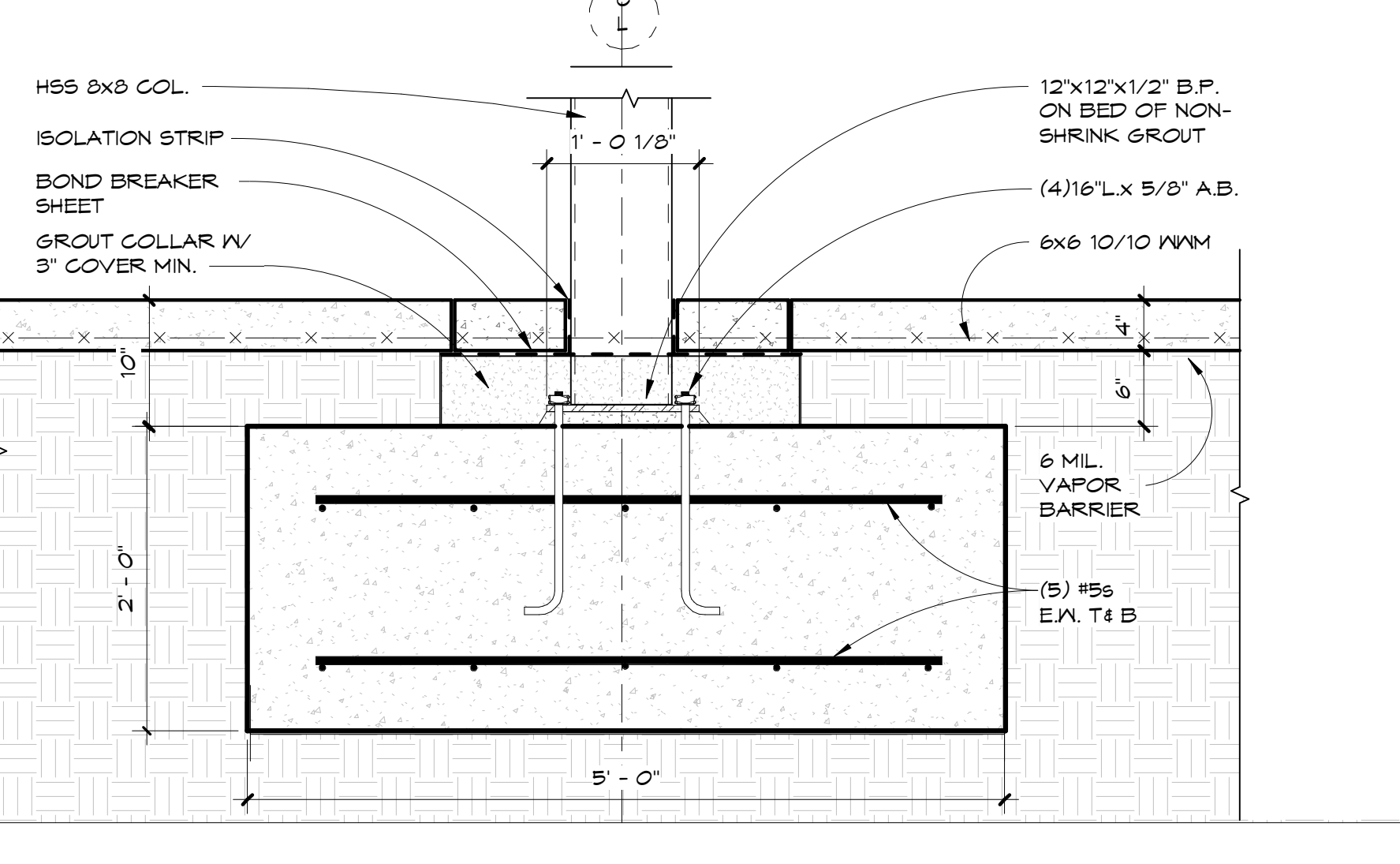
COLUMN FTG. - HSS8X8
 1 1/2" = 1'-0"



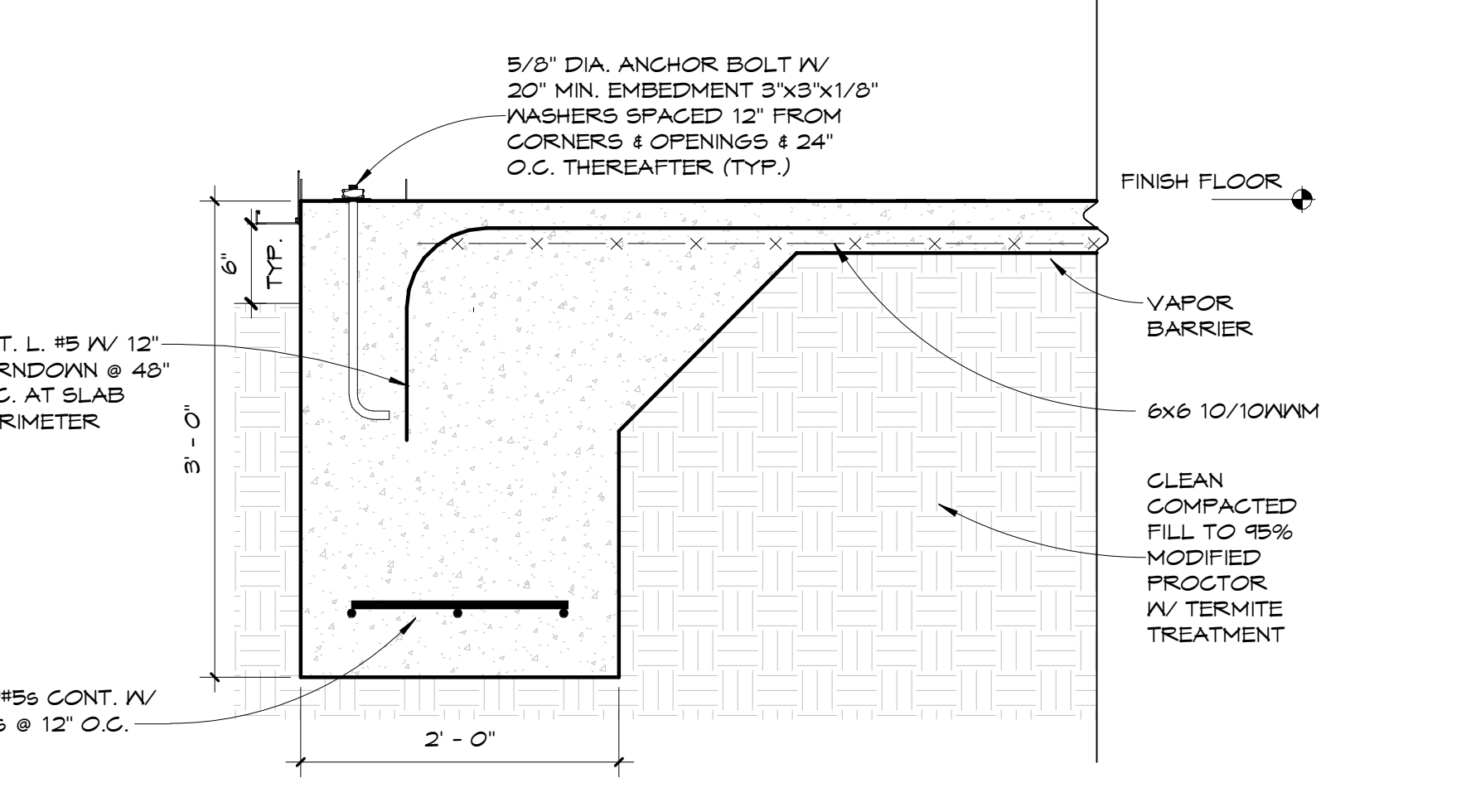
FTG. DETAIL - PLAN- 4x4 INTERIOR
 1 1/2" = 1'-0"



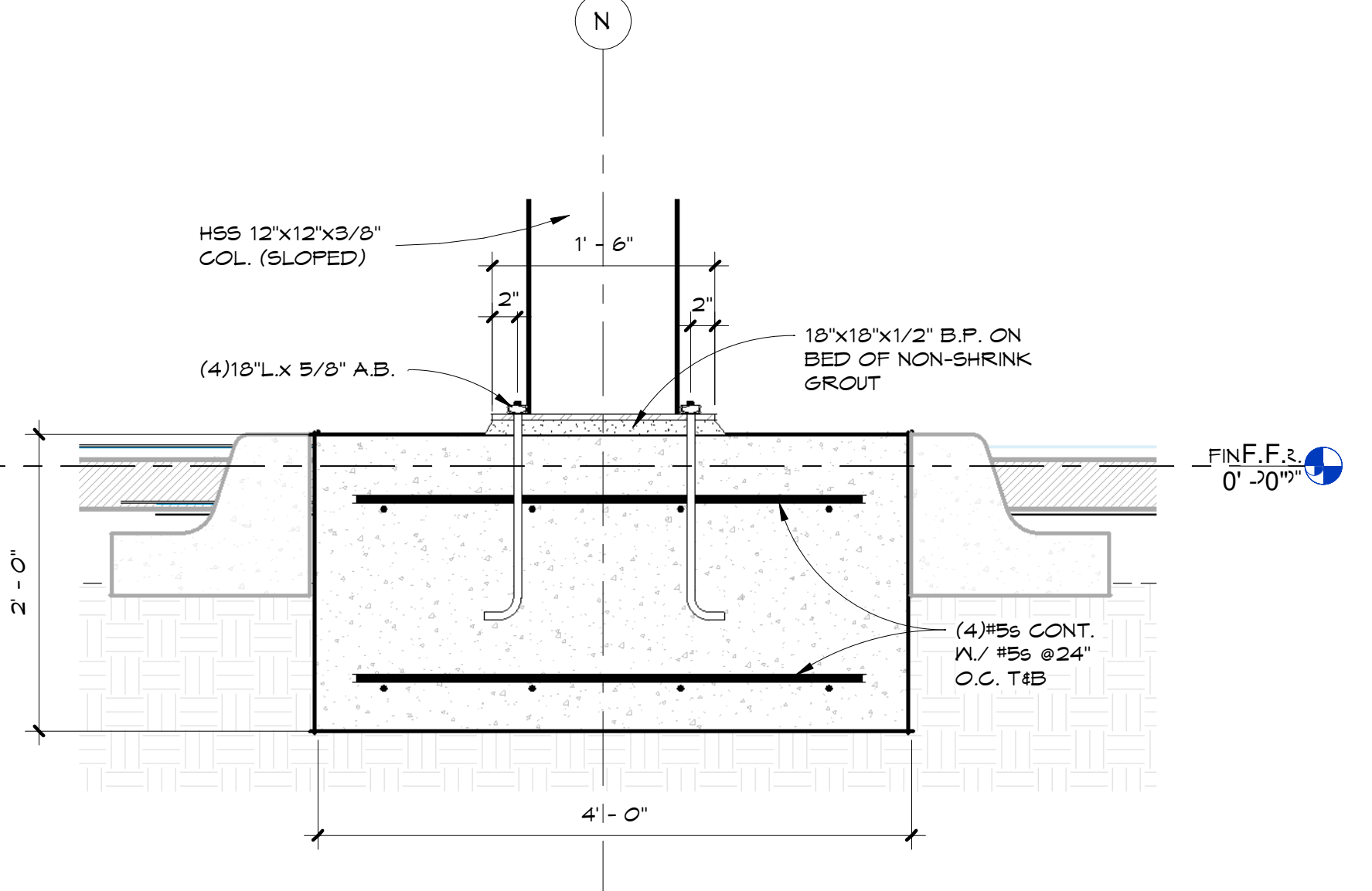
FTG. DETAIL - 4x4 INTERIOR
 1" = 1'-0"



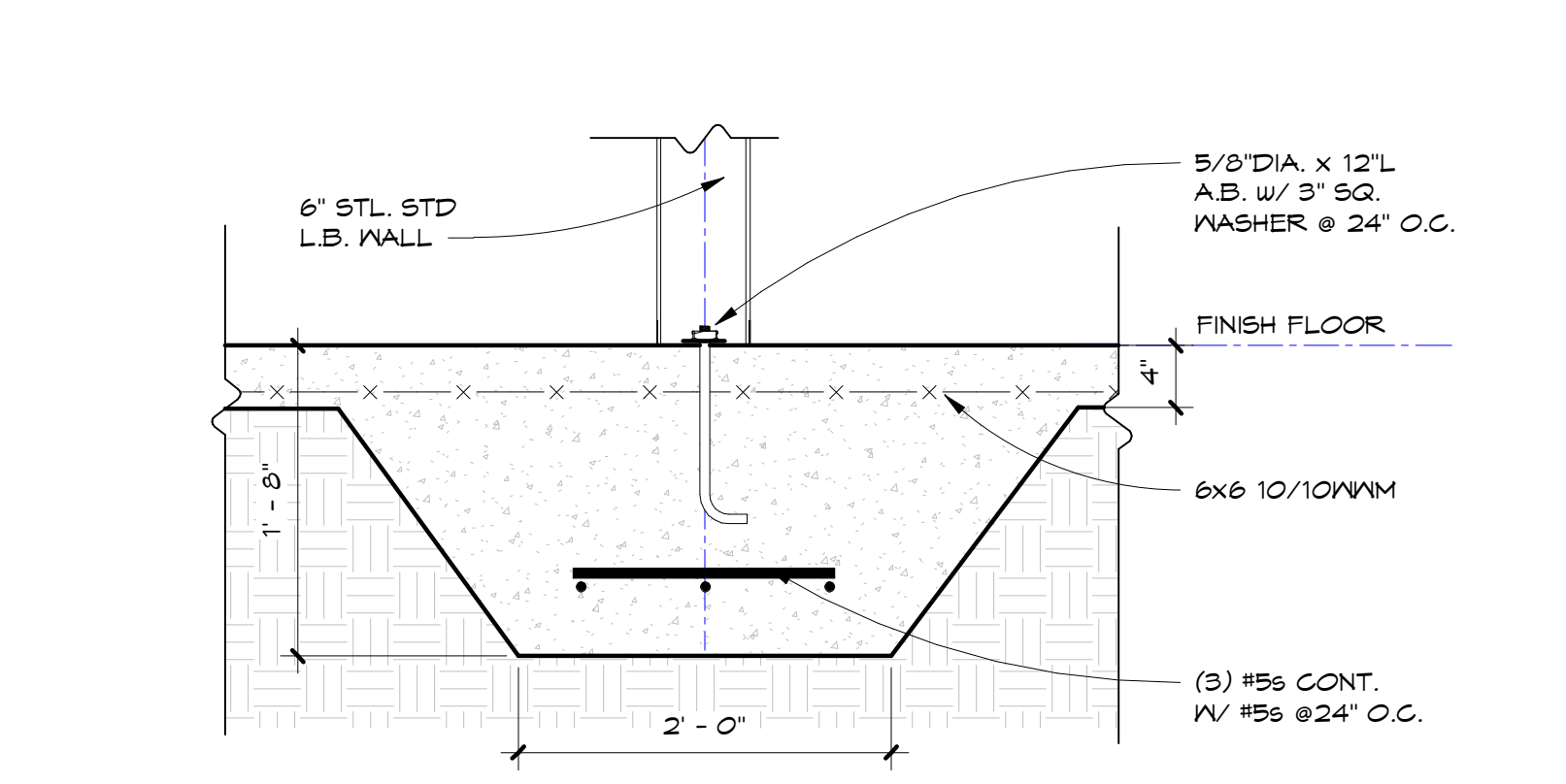
8X8 COLUMN FOOTING
 1" = 1'-0"



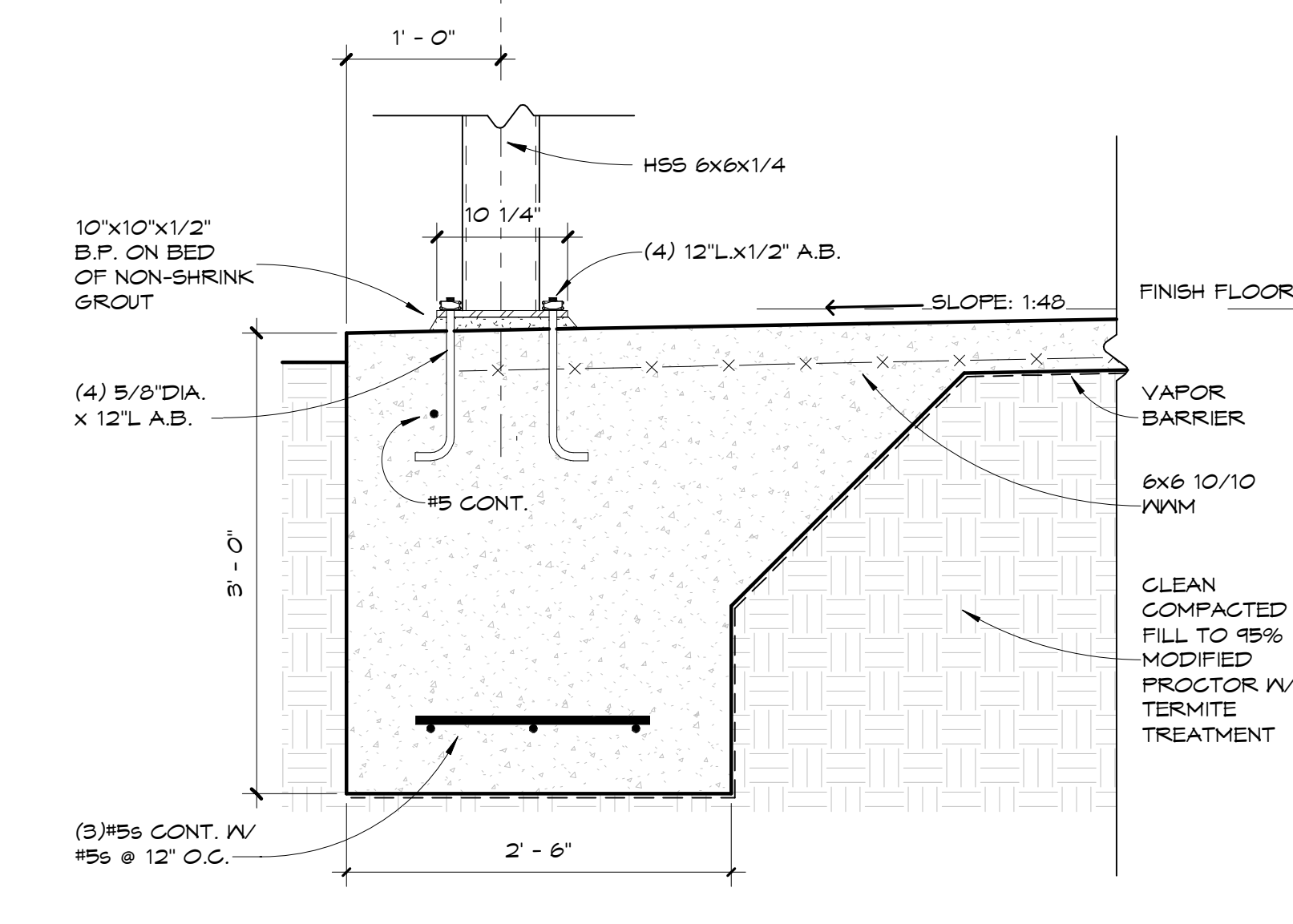
SLAB EDGE - NARROW
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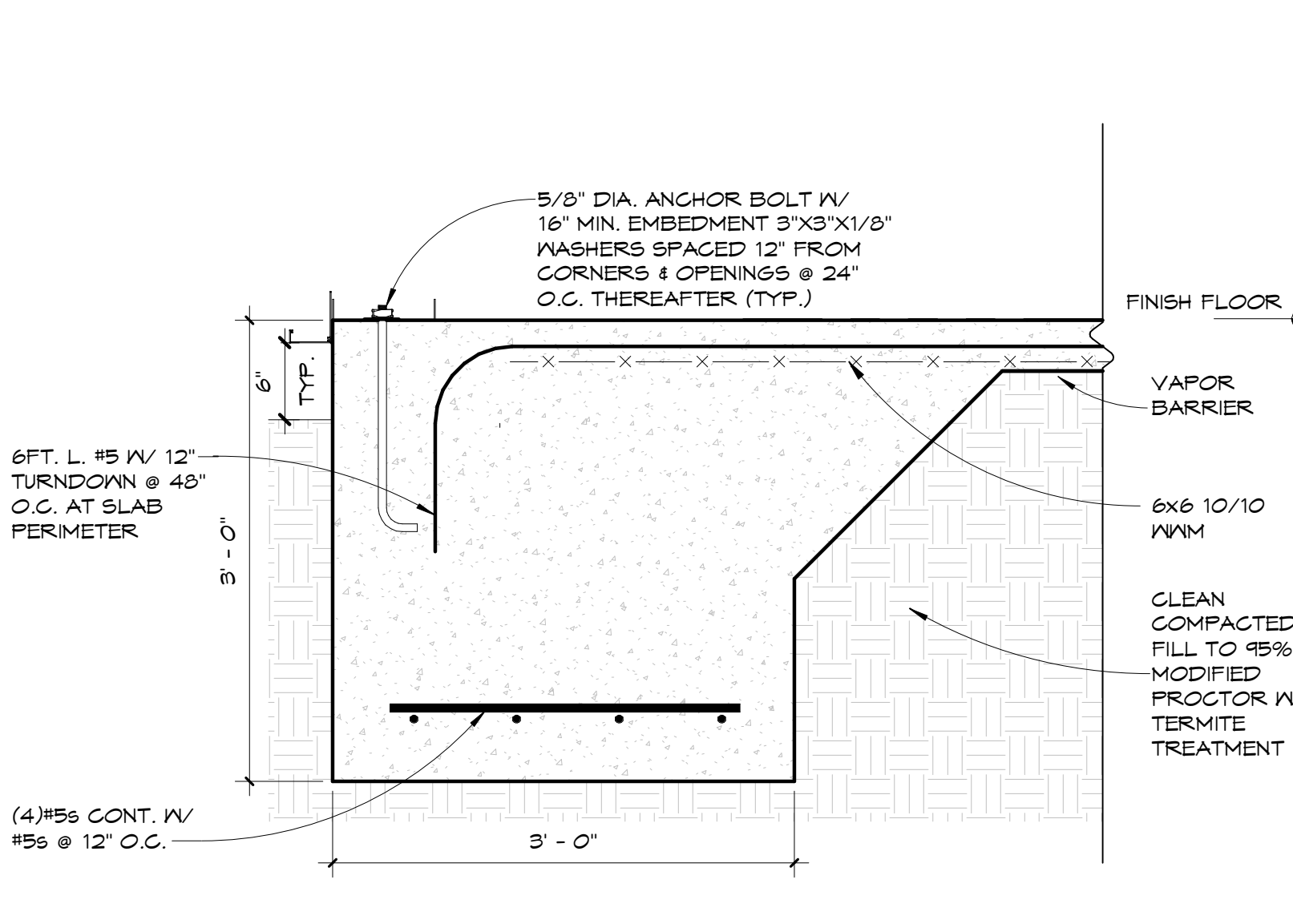
SLAB DETAIL - DROP-OFF COLS.
 1" = 1'-0"



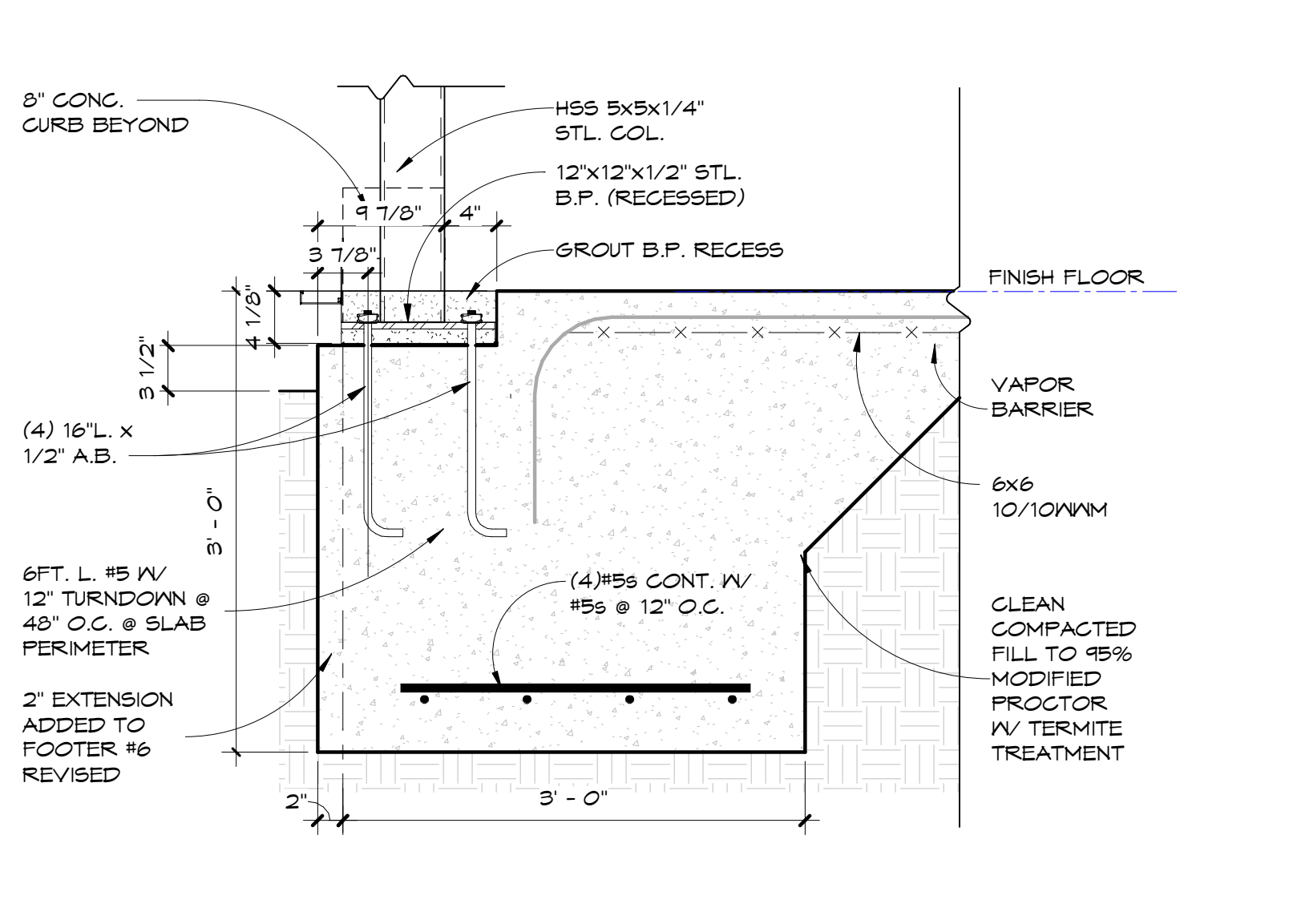
SLAB DETAIL - THICKENED L.B.
 1" = 1'-0"



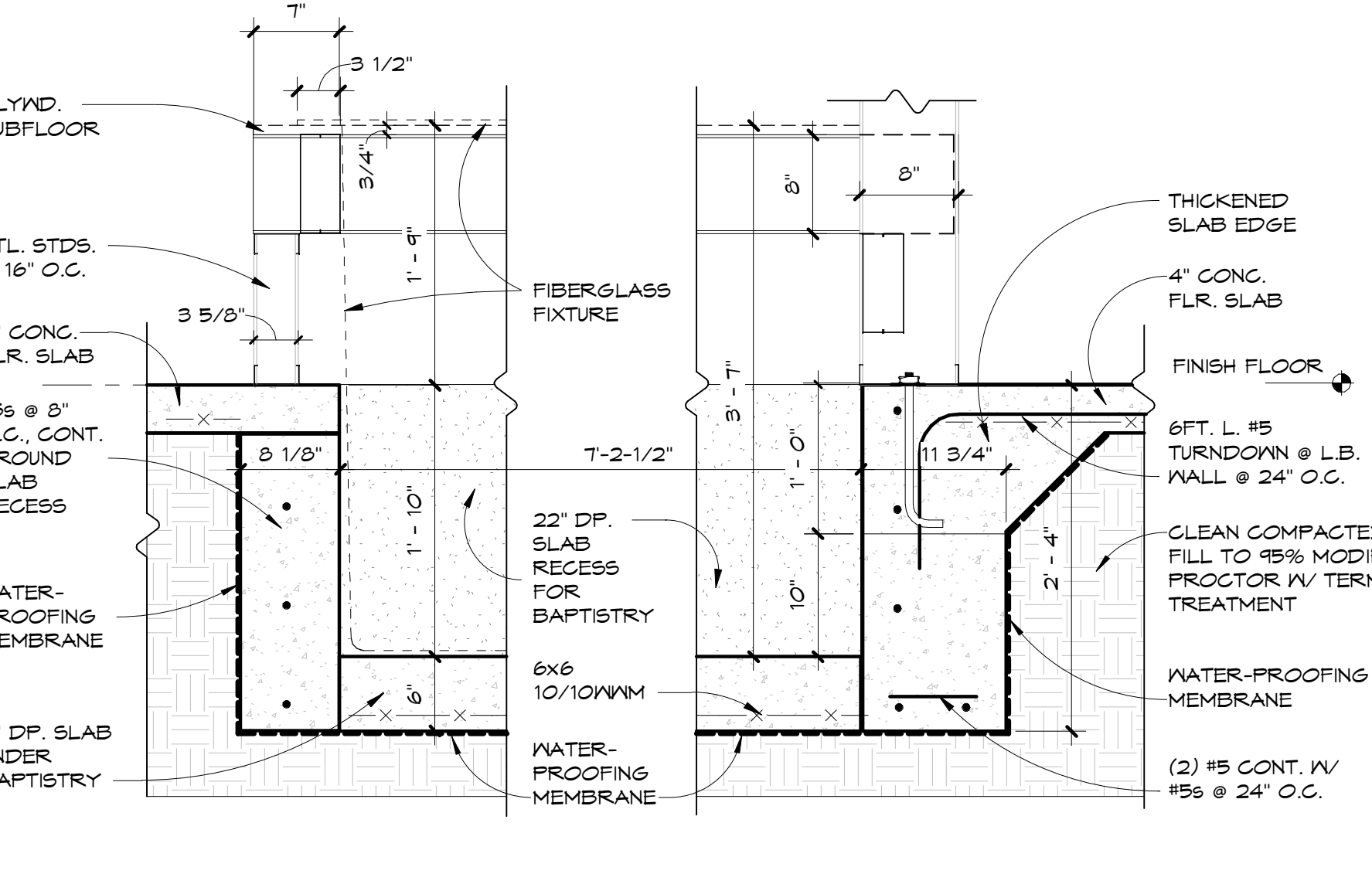
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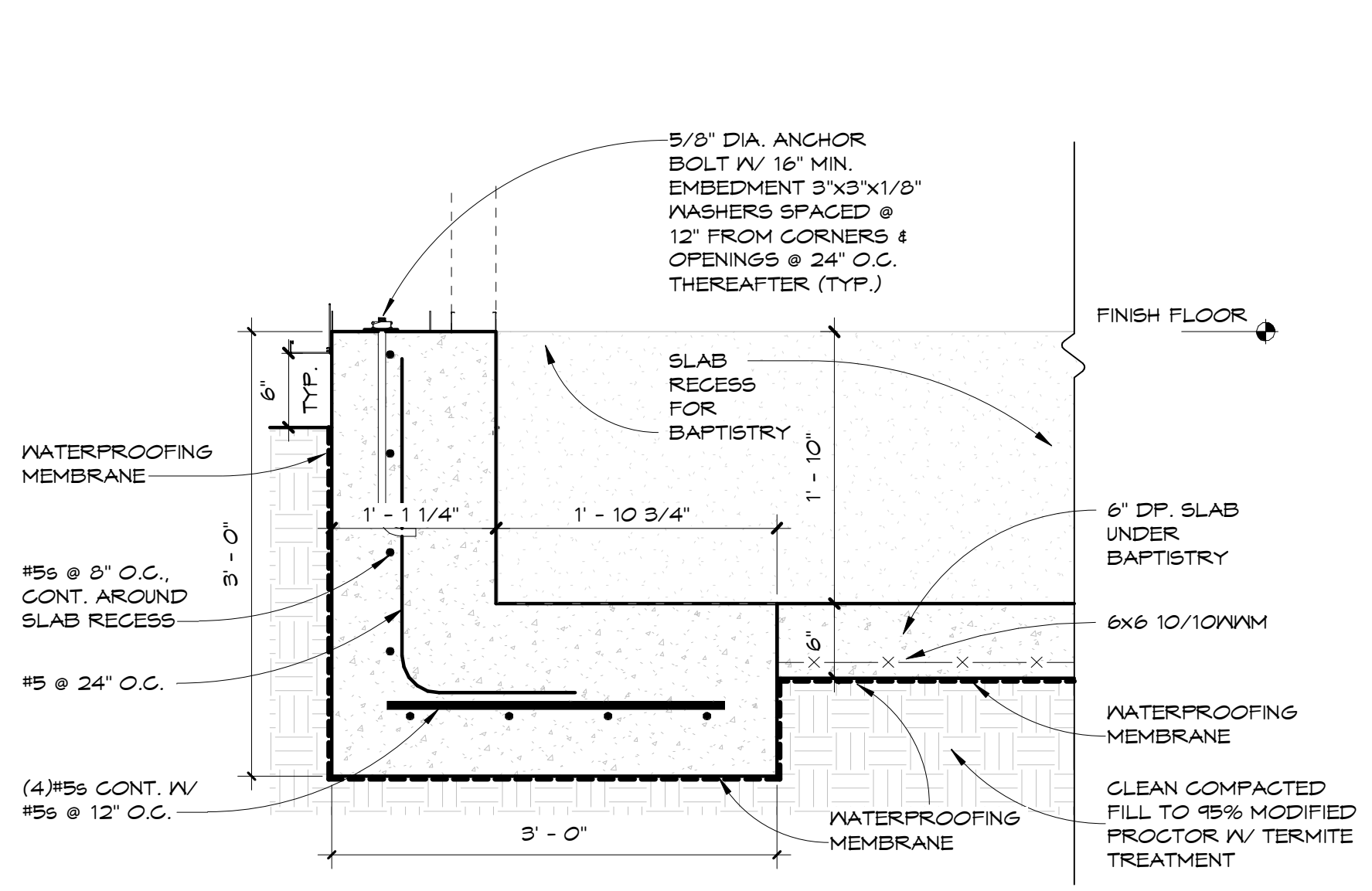
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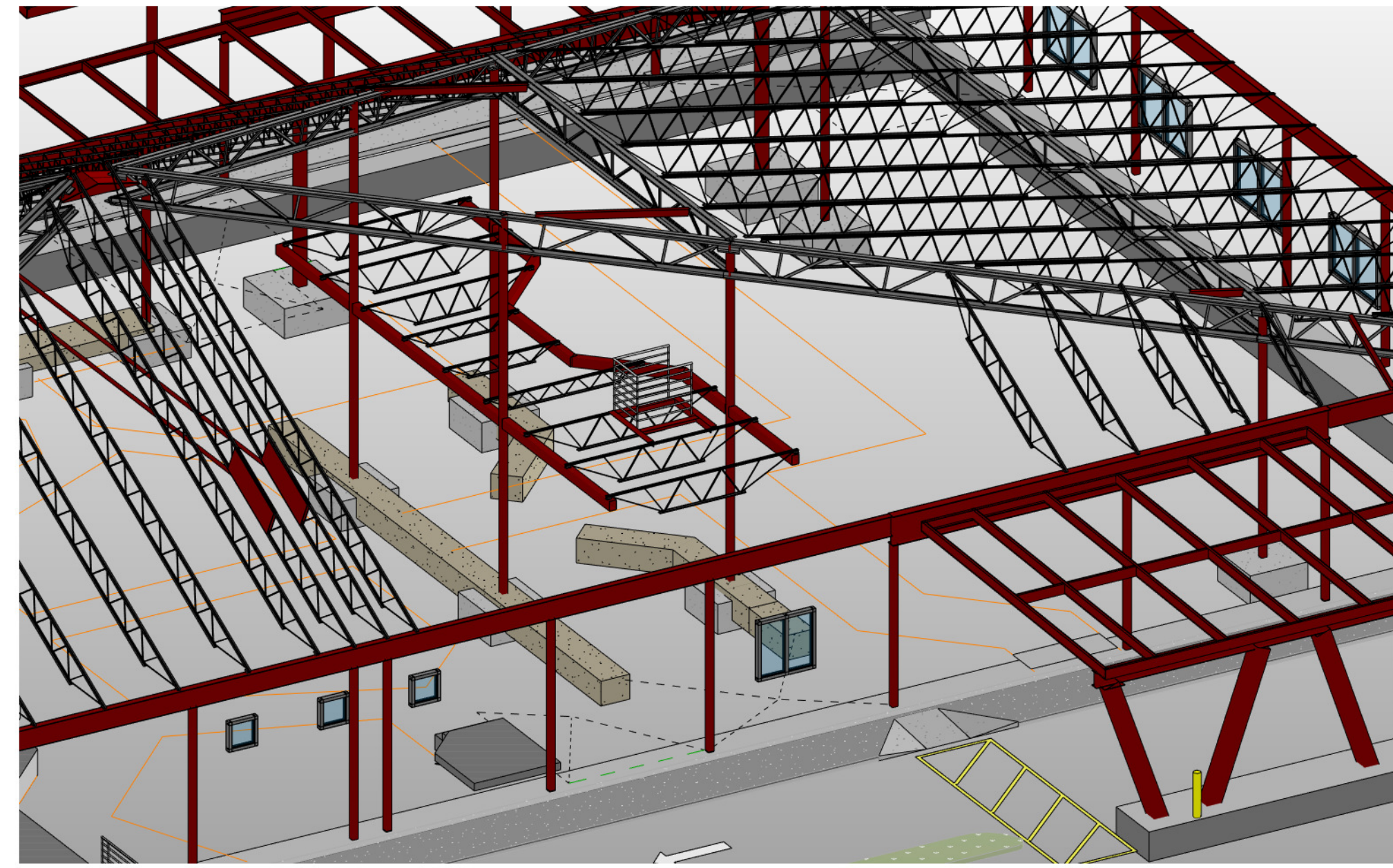
SLAB EDGE - COLUMN BASE
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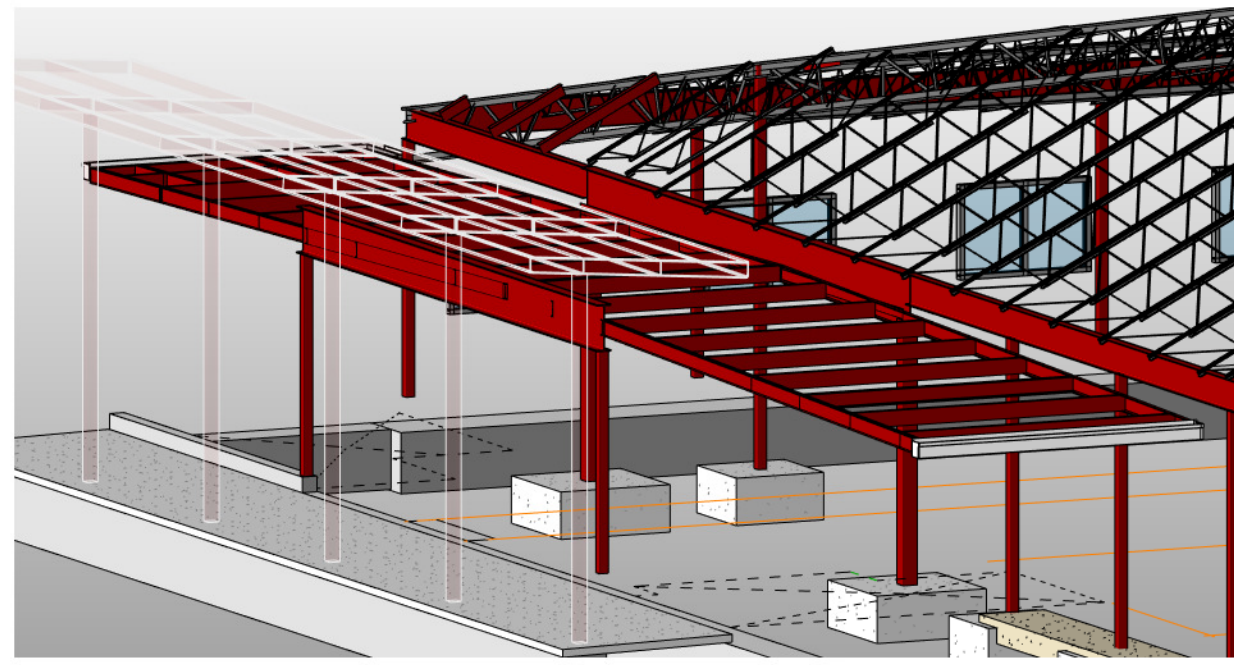
SLAB RECESS - BAPTISTRY E-W
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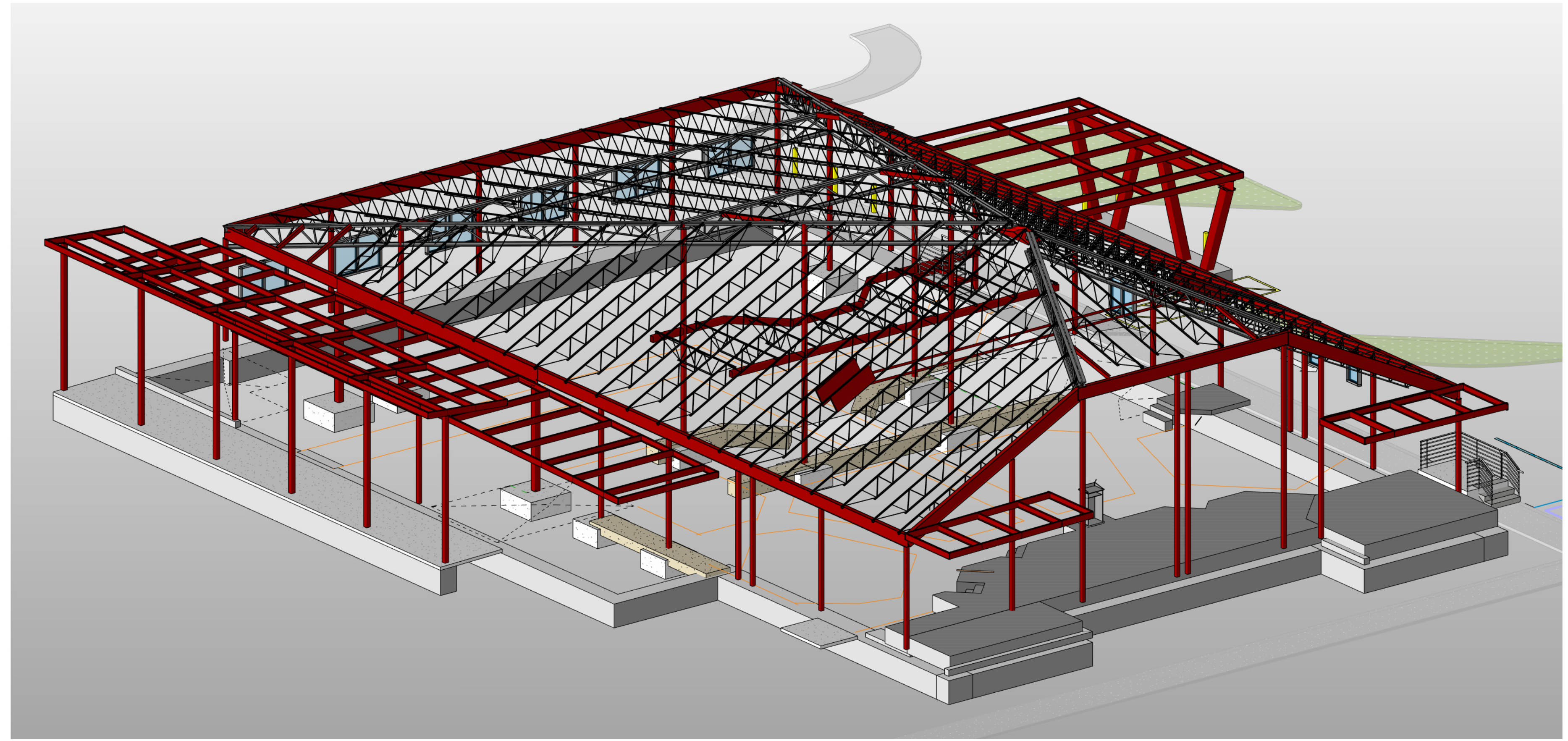
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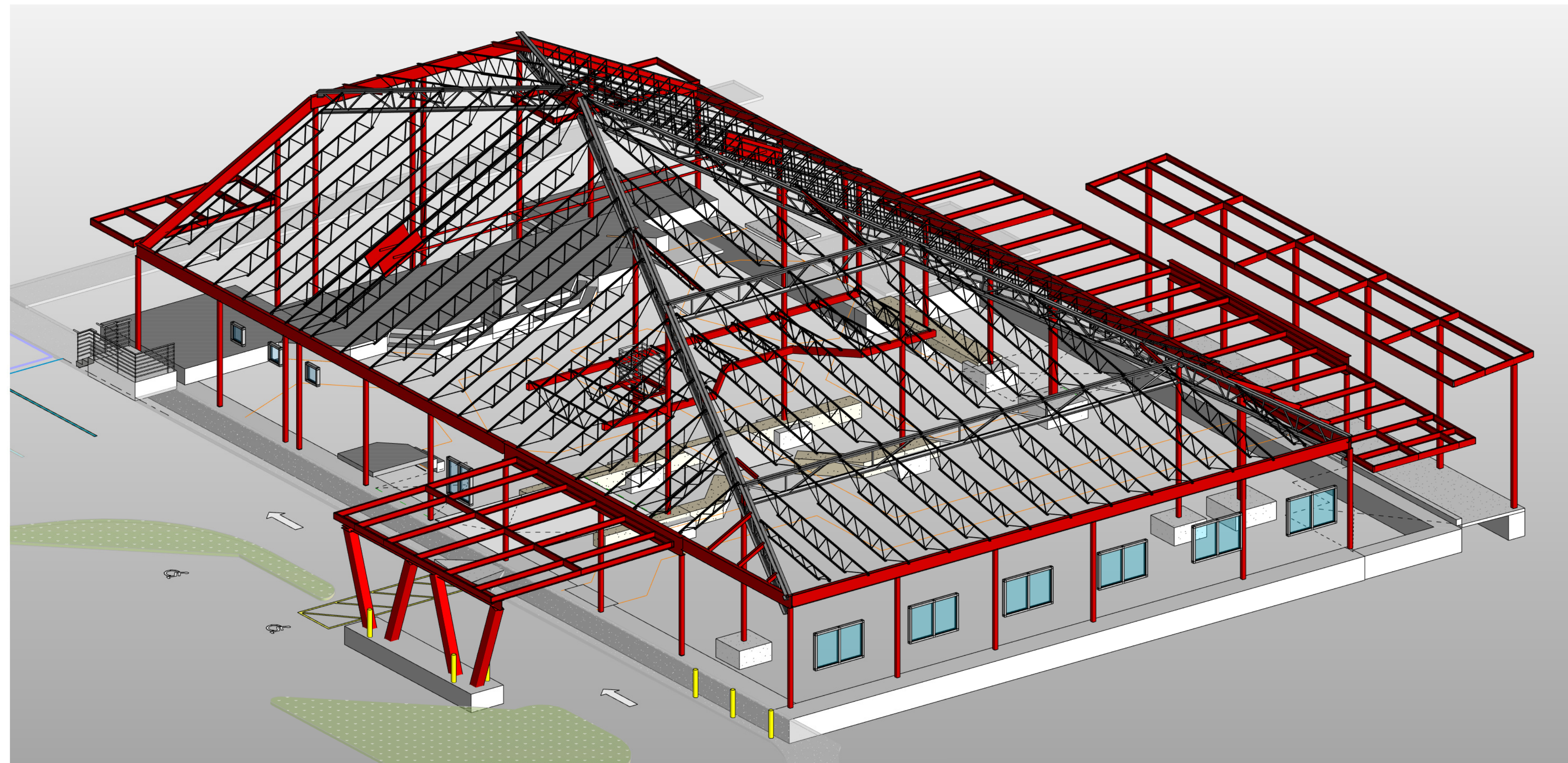
1 3DV - PLATFORM
S2.02



4 3DV -
S2.02



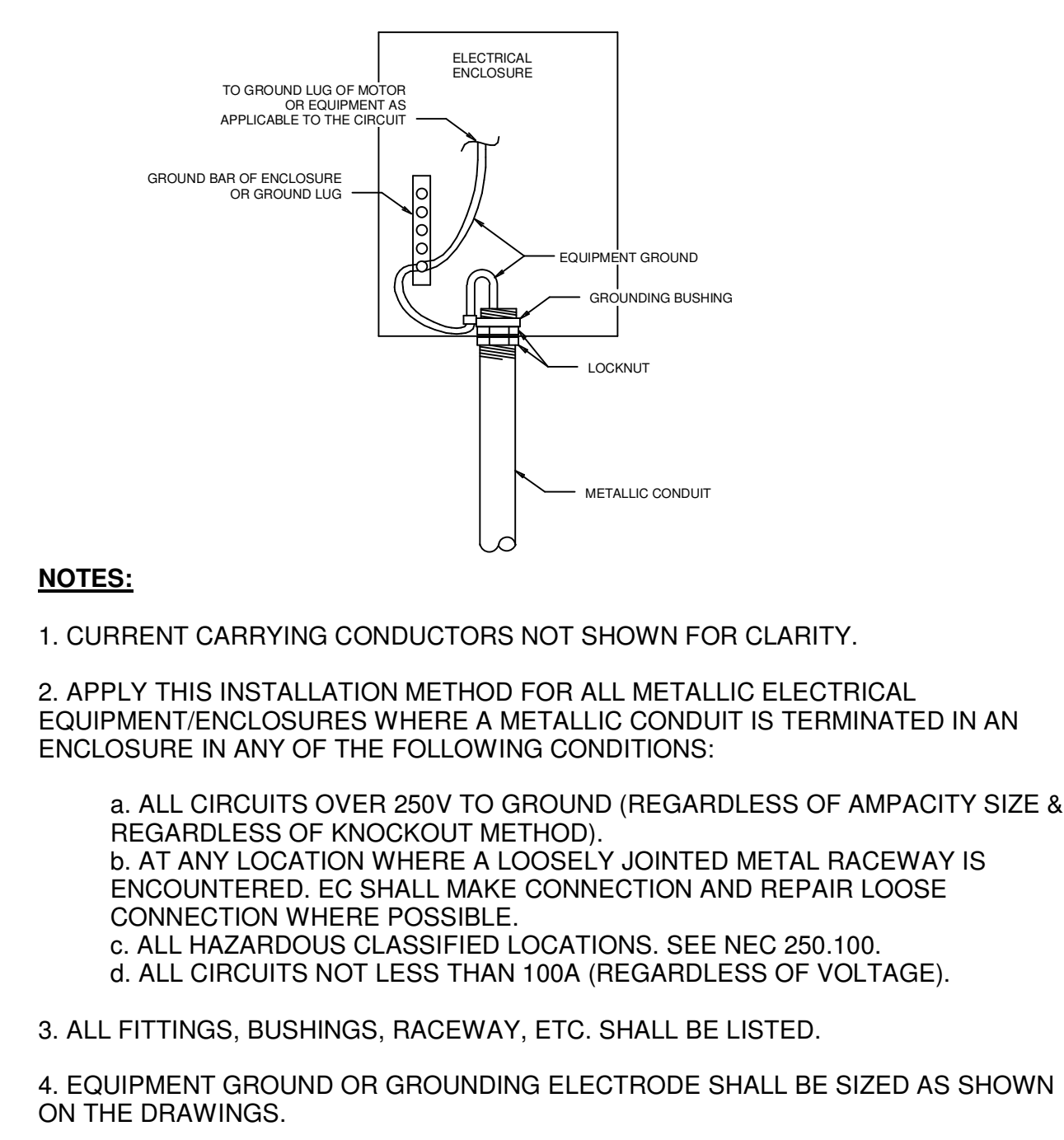
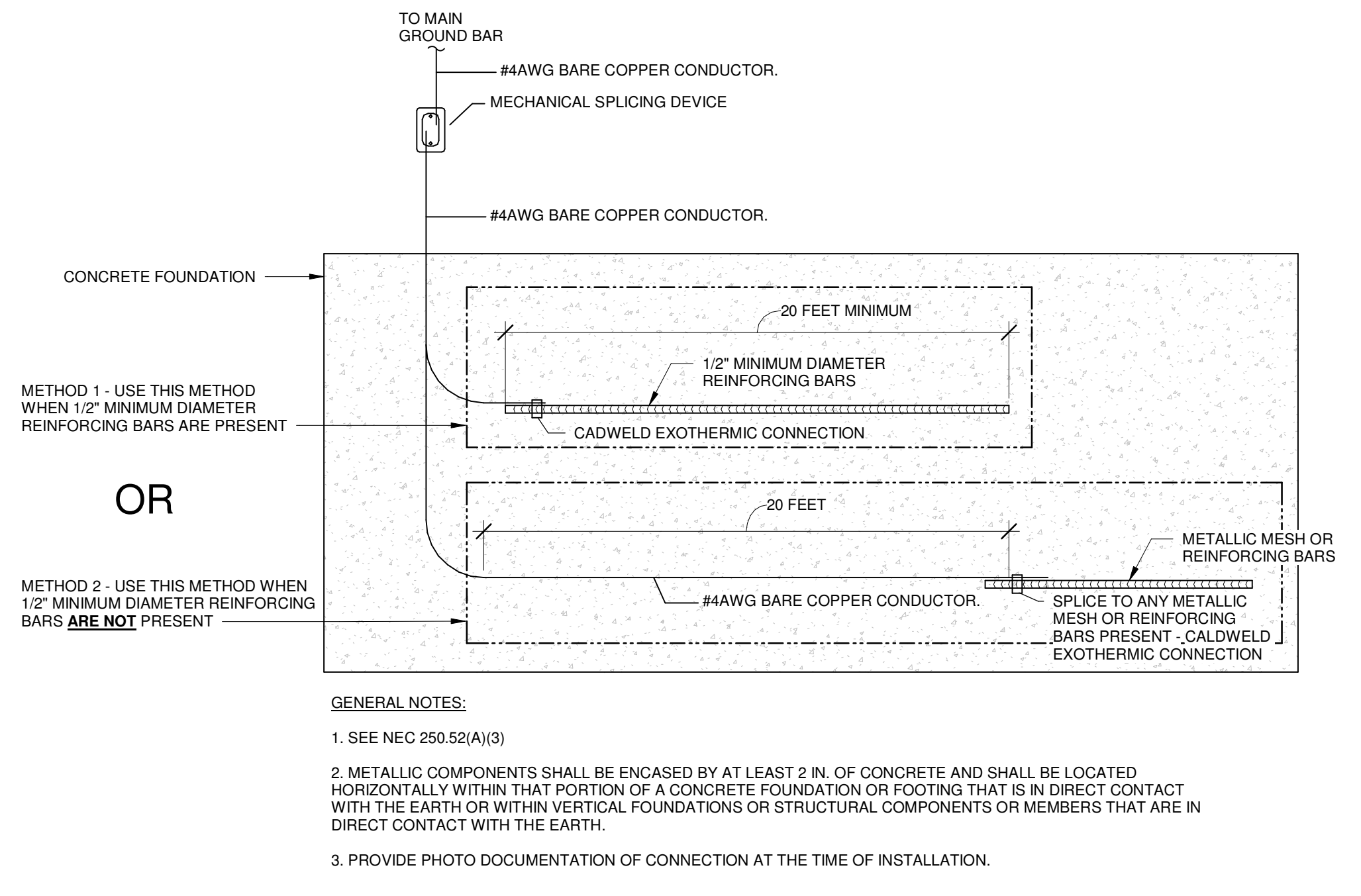
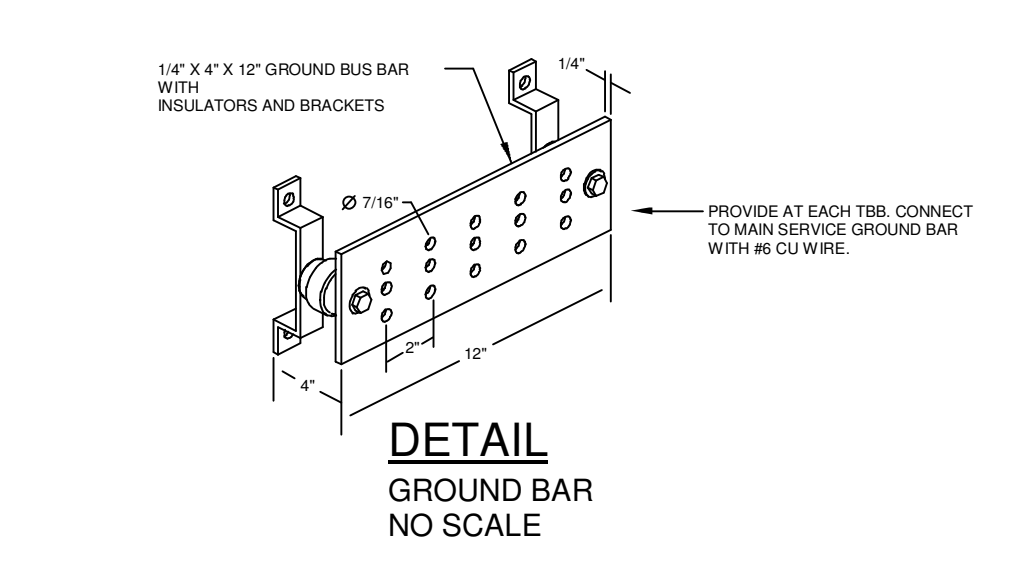
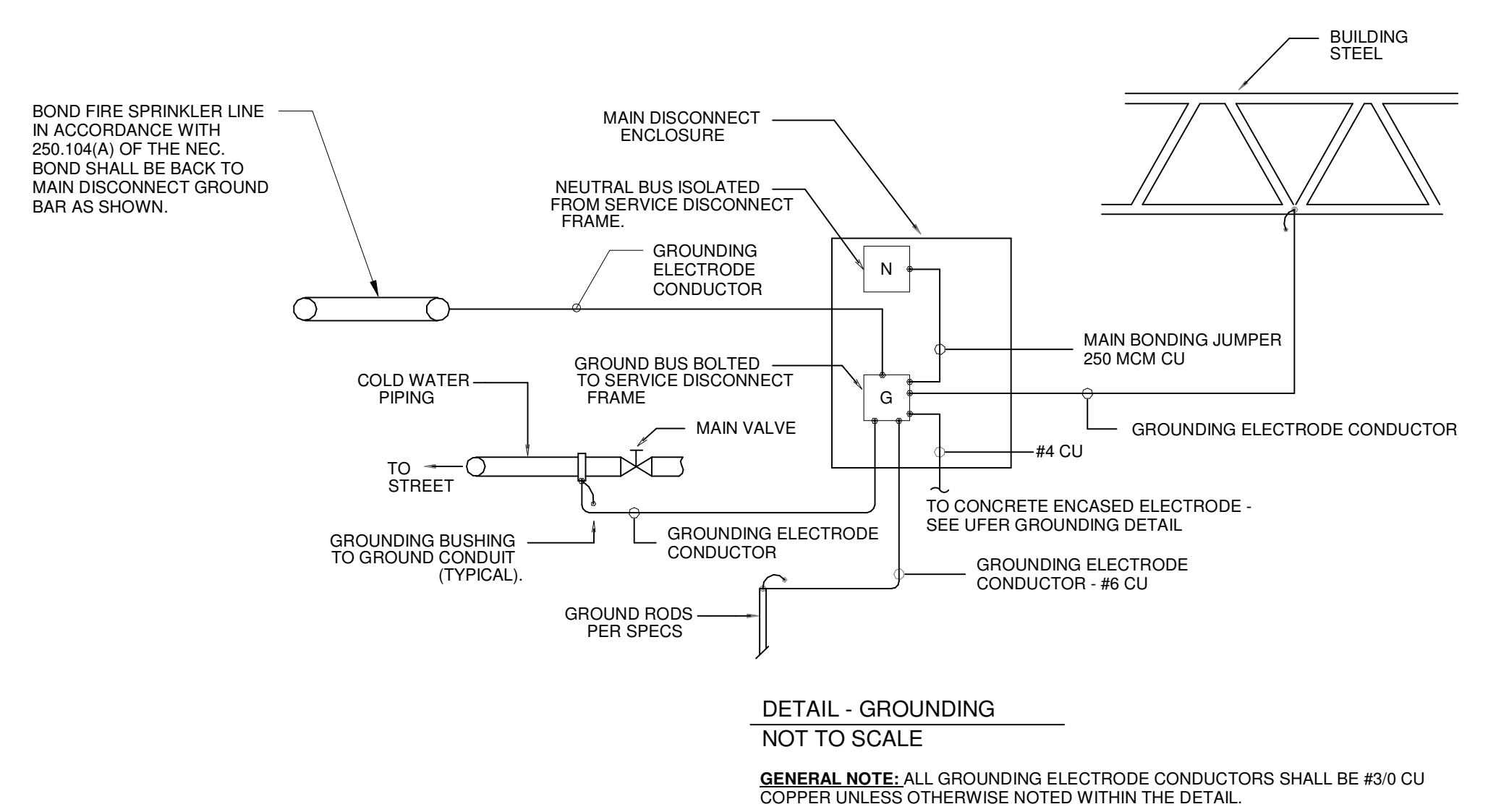
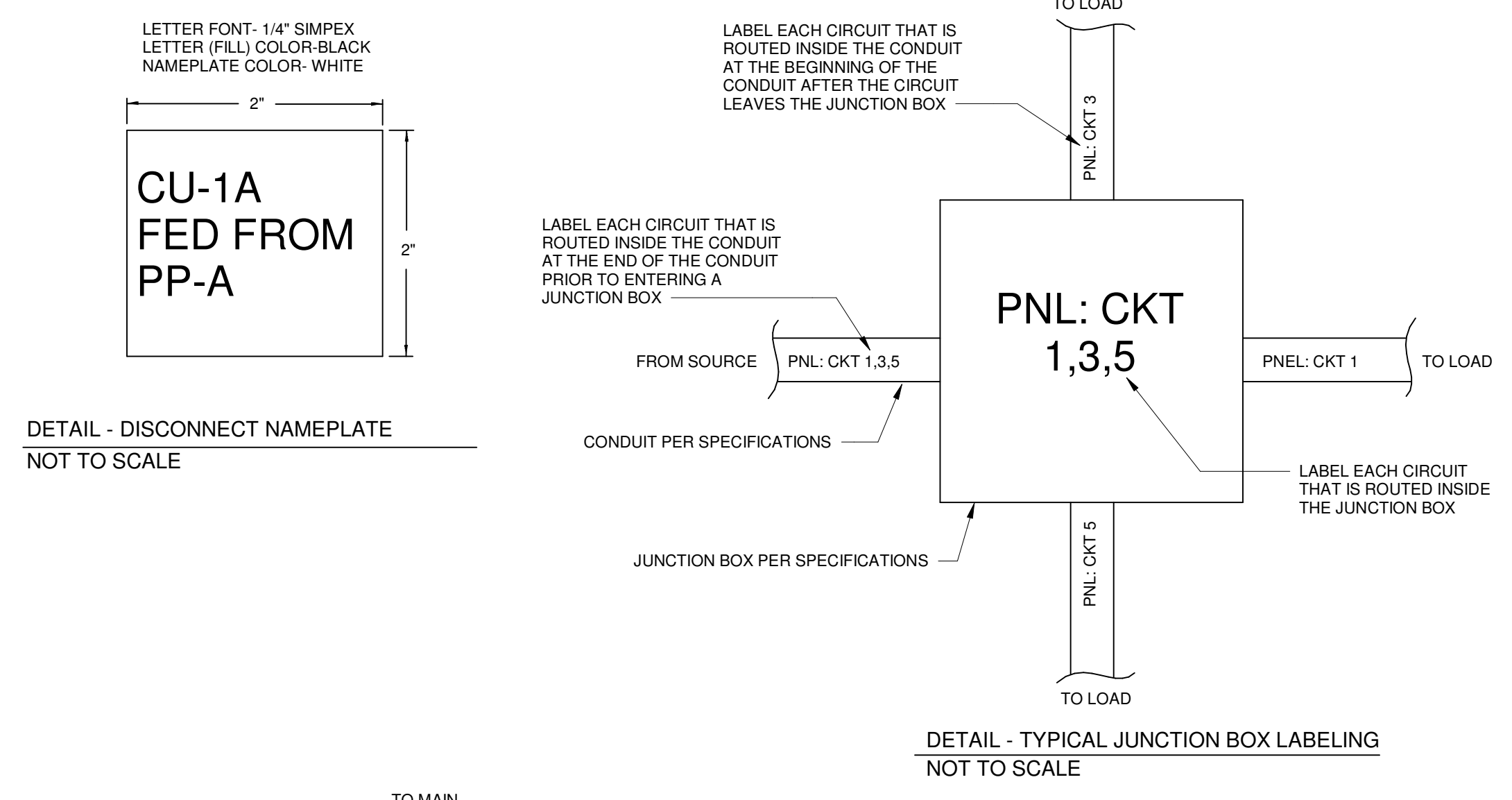
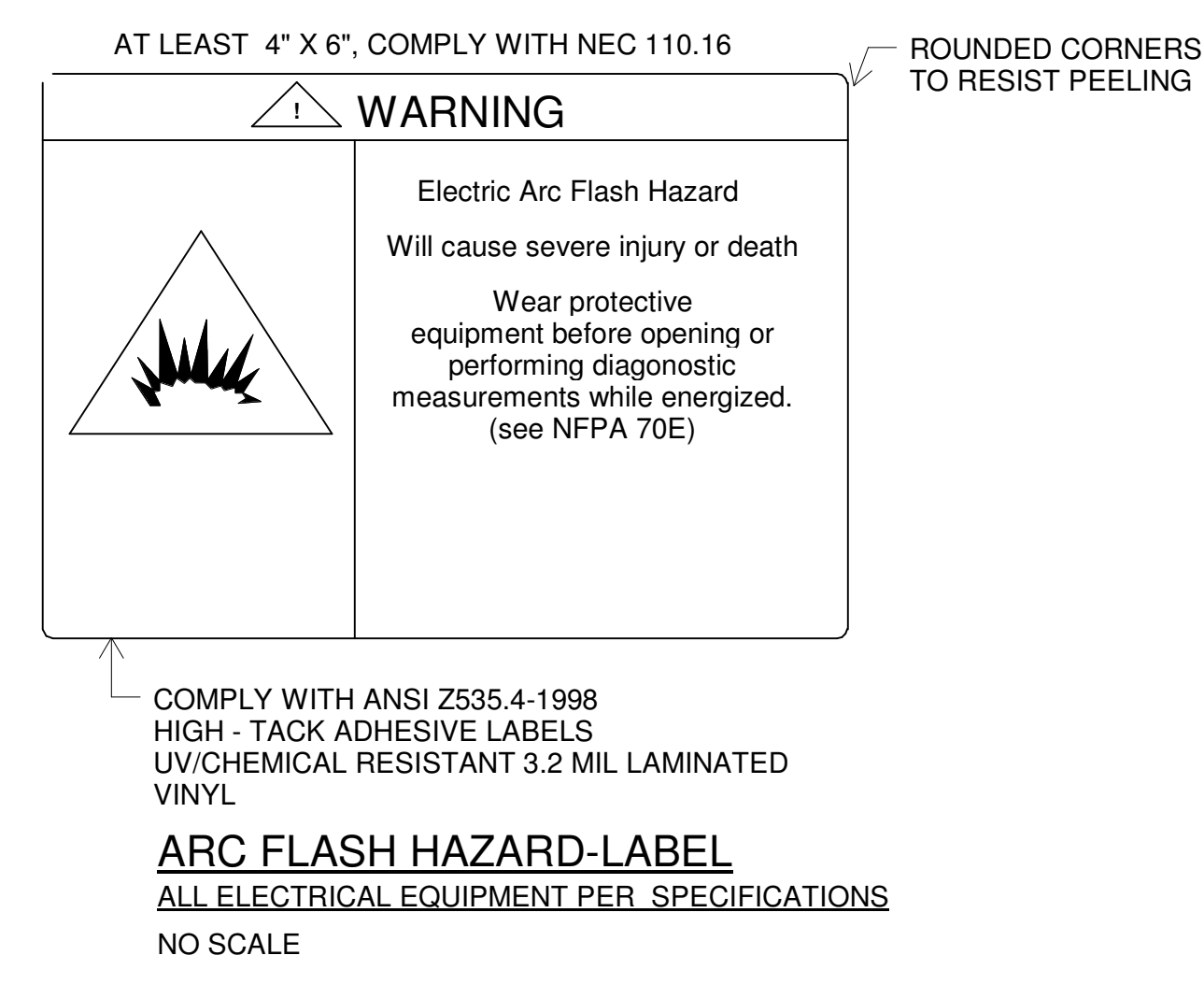
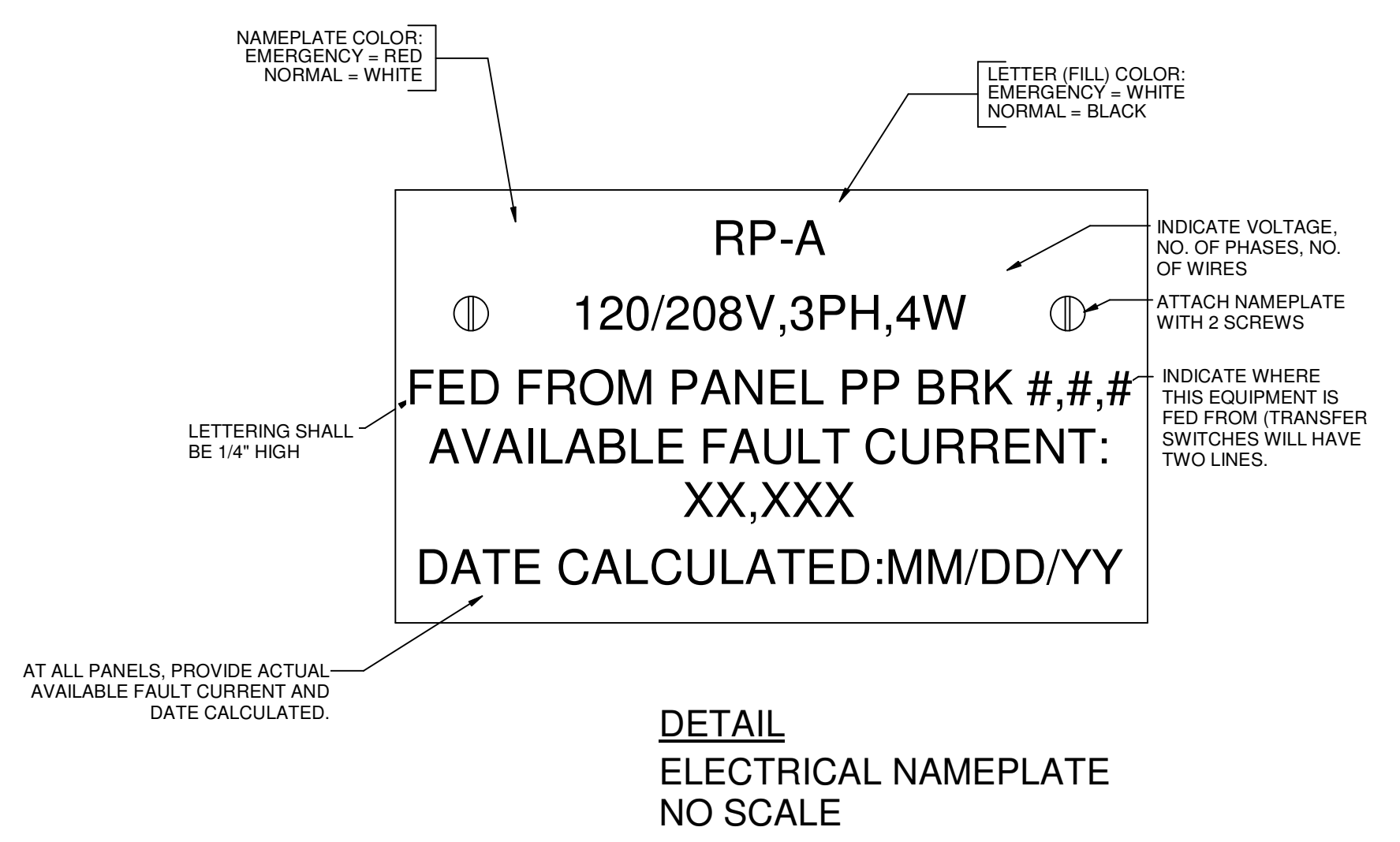
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S2.02



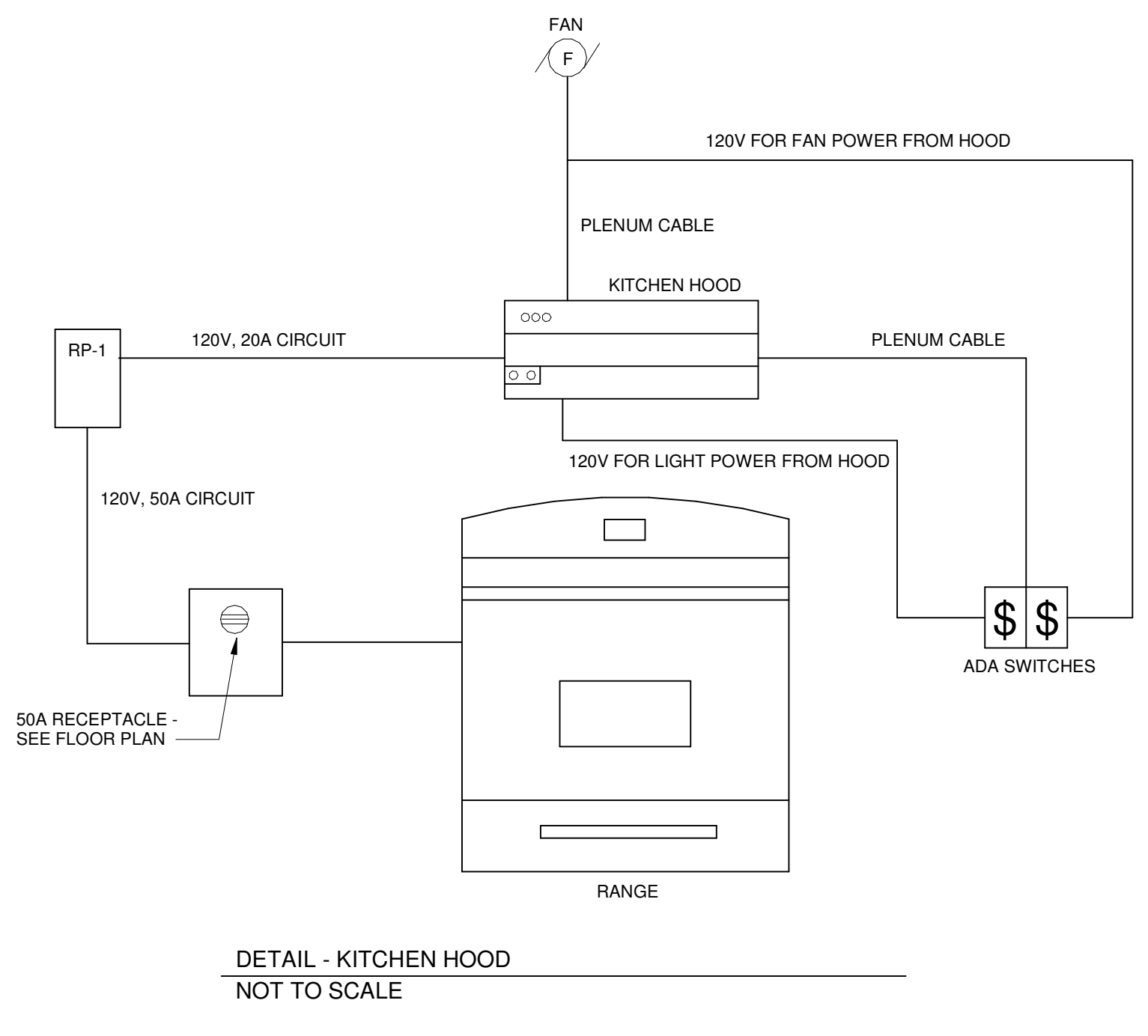
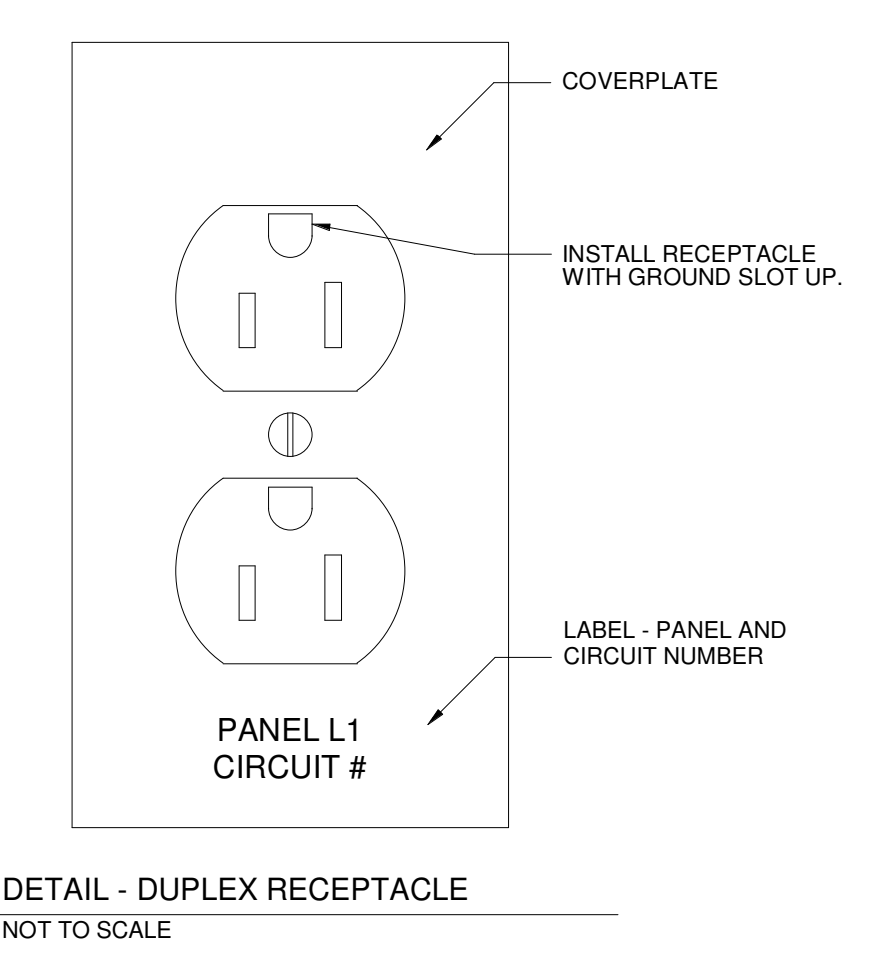
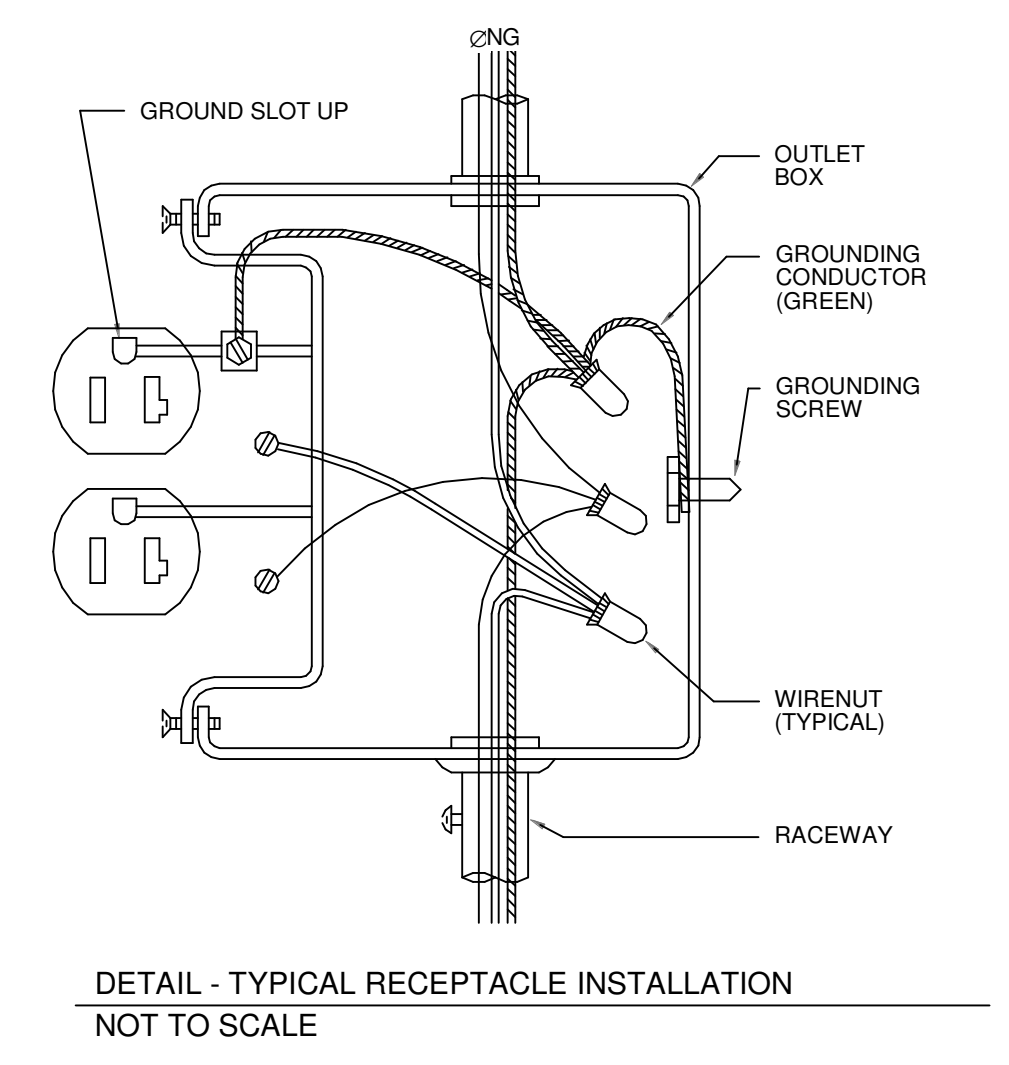
2 3DV - NW
S2.02

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DRAWN BY:	CHECKED BY:	
JL, CD	AA, RP	
NO.	REVISION:	DATE:

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- NOTES:**
- CURRENT CARRYING CONDUCTORS NOT SHOWN FOR CLARITY.
 - APPLY THIS INSTALLATION METHOD FOR ALL METALLIC ELECTRICAL EQUIPMENT/ENCLOSURES WHERE A METALLIC CONDUIT IS TERMINATED IN AN ENCLOSURE IN ANY OF THE FOLLOWING CONDITIONS:
 - ALL CIRCUITS OVER 250V TO GROUND (REGARDLESS OF AMPACITY SIZE & REGARDLESS OF KNOCKOUT METHOD).
 - AT ANY LOCATION WHERE A LOOSELY JOINTED METAL RACEWAY IS ENCOUNTERED, EC SHALL MAKE CONNECTION AND REPAIR LOOSE CONNECTION WHERE POSSIBLE.
 - ALL HAZARDOUS CLASSIFIED LOCATIONS. SEE NEC 250.100.
 - ALL CIRCUITS NOT LESS THAN 100A (REGARDLESS OF VOLTAGE).
 - ALL FITTINGS, BUSHINGS, RACEWAY, ETC. SHALL BE LISTED.
 - EQUIPMENT GROUND OR GROUNDING ELECTRODE SHALL BE SIZED AS SHOWN ON THE DRAWINGS.



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206 FL-79,
PANAMA CITY BEACH, FL 32413

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SCALE: 1/2" = 1'-0"
DATE: 02/16/23
DRAWN BY: DR
CHECKED BY: JAW
NO. REVISION DATE

SHEET TITLE:
ELECTRICAL DETAILS

PROJECT NO: 4323 SHEET NO: E0.02

LUMINAIRE SCHEDULE									
TYPE MARK	MANUFACTURER	MODEL	VOLT	LAMP	WATT	COLOR TEMP	DESCRIPTION		COMMENTS / OPTIONS
A	LITHONIA LIGHTING METALLUX	CPANL 2X4 ALOC SWW7 M2 24FPSL2SCT3	UNV	LED 5000 LM	45 W	3500 K	RECESSED LED 2X4 FLAT PANEL WITH FIELD SELECTABLE LUMEN PACKAGE		PROVIDE SWITCH FOR FIELD SELECTABLE LUMEN PACKAGE
B	OCL	BA2-S1SA-24-MW-BKP-LED2-35K-UNV-DM1	UNV	LED 3500 LM	30 W	3500 K	24" INDIRECT DIRECT SCIENCE		
F	METALLUX	4-SN3-S1SL-LW-UNV-LES-CD-1-AVC-CHAINSET-U	UNV	LED 3400 LM	20 W	3500 K	4" LED STRIP FIXTURE, 96" CHAIN HANGER		
F1	METALLUX LITHONIA HE WILLIAMS	4-SN3-S1SL-LW-UNV-LES-CD-1-EL14W-FKO-U ZL1D L48-5000LM FST MVOLT 35K-80CRI-WH SLF-4-L28858-18A-DIM1-UNV	120V	LED 3400 LM	20 W	3500 K	WALL MOUNTED LED STRIP		
G	HYDREL	4750L 4FT 1000LMF 40K VNSP	120V	LED 1000 LM	42 W	3500 K	GROUND MOUNTED (THROUGH STAKE) FLOOD LIGHT WITH CORROSIAN RESISTANT COATING, 40 DEGREE BEAM WITH FIELD ADJUSTABLE ROTATION AND ANGLE, UL LISTED FOR WET LOCATION		PROVIDE GROUND MOUNTED STAKE FOR MOUNTING. PROVIDE ALL CABLES REQUIRED TO MAKE FINAL CONNECTION.
J	LITHONIA HALO COMB HE WILLIAMS	LDN4-3515-LM4-AR-LD-GZ1 HCA150010-HMMS5830-41WDCCWF 4DR-TL-L20835-DIM1-UNV-OW-OF-CS-MWT-TD-N-F1	120V	LED 1512LM	18 W	3500 K	4" FLANGED, EMERGENCY RECESSED WITH INTEGRAL EMERGENCY TEST SWITCH		PROVIDE WITH BATTERY PACK
N	VISA LIGHTING LITHONIA CAMMAN	CP2940-L35K-L35K-MVOLT-WIDE-GLWT1-14 TBT-P1FF-48-MW-WTP-LED2-35K-WF-LED2-35K-UNV-100-DM1 P4100-48-35K-BX-CLV-MV-XX-XXX-AC-OAH-XX	UNV	LED 2800 LM	28 W	3500 K	SUSPENDED INDOOR PENDANT, 8" DIAMETER, 4" BODYLIGHT		PROVIDE 10' PENDANT MOUNT. MOUNT SO THAT THE FIXTURES ARE 18" AFF
P1	LIGHTART	LAP-CON-RING-6D-4H-MCR-855CK-STD-STM-BPC-BK	120V	LED 3500 LM	119 W	3500 K	6" DIAMETER, 4" HEIGHT SUSPENDED RING		
P2	LIGHTART	LAP-CON-RING-8D-4H-MCR-855CK-STD-STM-BPC-BK	120V	LED 3500 LM	173 W	3500 K	8" DIAMETER, 4" HEIGHT SUSPENDED RING		
S1	LITHONIA MCGRAW HARGROVE	DSX0-LED-P5-35K-70CRI-TFTM-HS POLE: KW INDUSTRIES: RTAP20-6-7-BRZ-DM10-E GPC-SA2B-740-U-T4FT-CM-HSS-XX POLE: HAPCO: RTA20B544-XX ECF-S-32L-1A-NW-G2-AR-4-UNV-DD-XX POLE: TRA-CB-64-XXX-20-DX-DT5-XX	120V	LED 12356LM	90 W	3500 K	PARKING LOT AREA LIGHT ON 20' POLE		PROVIDE HOUSE SHIELD TO LUMINAIRE AS INDICATED ON SITE PLAN.
S2	LITHONIA MCGRAW HARGROVE	DSX0-LED-P5-35K-70CRI-TFTM POLE: KW INDUSTRIES: RTAP20-6-7-BRZ-DM2090-E GPC-SA2B-740-U-T4FT-CM-XX POLE: HAPCO: RTA20B544-XX ECF-S-32L-1A-NW-G2-AR-4-UNV-DD-XX POLE: TRA-CB-64-XXX-20-DX-DT5-XX	120V	LED 12356LM	180 W	3500 K	PARKING LOT AREA LIGHT ON 20' POLE		
X1	LITHONIA LIGHTING HE WILLIAMS EXITRONIX	LHQM-LED-R-HO EXTREM-LED-R-WHT-HL-D OCS-R-WH	UNV	LED RED 1100LM	9 W	3500 K	CEILING/WALL MOUNTED COMBINATION EXIT SIGN AND EMERGENCY EGRESS LIGHT. EGRESS LIGHTING HEADS SHALL BE HIGH OUTPUT TYPE AND INTEGRAL TO THE FIXTURE. REMOVABLE DIRECTIONAL ARROWS AND REMOVABLE 2ND BACK EXIT FACE.		PROVIDE BATTERY BACKUP. MOUNT ABOVE DOOR WHERE SHOWN AT DOOR LOCATIONS AND MOUNT ON CEILING ON A WALL OR DOOR.
X2	LITHONIA LIGHTING BARRON LIGHTING ISOLITE	ELMELUVOLT-LTP-SDRHT-HO NPT-HO-W-52 BUG-6W-WH-MB-SD	UNV	LED 1100 LM	9 W	3500 K	WALL MOUNTED EMERGENCY EGRESS LIGHT. EGRESS LIGHTING HEADS SHALL BE HIGH OUTPUT TYPE AND INTEGRAL TO THE FIXTURE.		PROVIDE BATTERY BACKUP. MOUNT AT 7'-0" A.F.F.
X3	LITHONIA LIGHTING MCGRAW VISION	DSXW1-LED-200-35K-35K-T3M-MVOLT-8BW-E20WC-DWHX0 GWC-SA1A-740-U-T3-XX VSC-II-T2-16LC-7-4K-UNV-WM-WH-DIM-EBPL	UNV	LED 4000 LM	35 W	3500 K	WALL MOUNTED LED WALL PACK WITH INTEGRAL EMERGENCY BATTERY PACK AND. TYPE 3 DISTRIBUTION. UL LISTED FOR WET LOCATION.		UL LISTED FOR WET LOCATION. MOUNT AT 8' 6" A.F.F. UNLESS OTHERWISE NOTED. VERIFY COLOR FINISH WITH ARCHITECT. PROVIDE WITH INTEGRAL BATTERY BACKUP.

LUMINAIRE SCHEDULE NOTES:

- MANUFACTURER CATALOG NUMBERS ARE SHOWN FOR GENERAL DESCRIPTIVE PURPOSES AND TO ESTABLISH STANDARD OF QUALITY ONLY. PROVIDE LUMINAIRES COMPLETE WITH ALL OPTIONS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. ALL PRODUCTS SHALL BE UL LISTED. ALL SUBSTITUTION REQUEST SHALL BE SUBMITTED FOR REVIEW PRIOR TO BID PER SPECIFICATIONS.
- VERIFY CONSTRUCTION OF CEILINGS BEING INSTALLED AND PROVIDE THE LUMINAIRES SPECIFIED IN APPROPRIATE CONFIGURATION WITH ALL HARDWARE AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
- PROVIDE LUMINAIRES WITH JOINING PLATES, END CAPS, CANOPIED, MOUNTING HARDWARE, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
- EXIT LIGHTS SHALL BE PROVIDED WITH COLOR OF LETTERS REQUIRED BY LOCAL CODE AUTHORITY. FURNISH WITH CHEVRON DIRECTIONAL INDICATORS AS INDICATED AND REQUIRED.
- PROVIDE DEVICES FOR SECURING LAY-IN TYPE LUMINAIRES TO CEILING GRID TO COMPLY WITH ARTICLE 410 OF THE NATIONAL ELECTRIC CODE.
- FURNISH LINEAR LUMINAIRES IN CONTINUOUS ROWS OR PATTERNS AS INDICATED ON DRAWINGS. PROVIDE WITH CORNER, ANGLE AND END PIECES AS REQUIRED FOR A COMPLETE INSTALLATION.
- FURNISH LUMINAIRES IN MECHANICAL SPACES COMPLETE WITH PENDANT STEMS OR CHAIN HANGERS AS REQUIRED TO MOUNT BELOW PIPING, DUCT, CONDUIT, ETC. MAINTAIN UNIFORM MOUNTING HEIGHT FOR ALL LUMINAIRES THROUGHOUT THE MECHANICAL AREA.
- PENDANT MOUNTED LUMINAIRES WITH AIRCRAFT CABLE SUSPENSION SYSTEMS SHALL BE FURNISHED WITH ADJUSTABLE CABLE GRIP HARDWARE. CABLE SIZE SHALL BE SELECTED BY MANUFACTURER TO PROVIDE ADEQUATE SUPPORT OF LUMINAIRES SPECIFIED.
- EMERGENCY BATTERY PACKS FOR LED LUMINAIRES SHALL OPERATE FOR 90 MINUTES MINIMUM. PROVIDE TIME AND LABOR NECESSARY TO AIM EMERGENCY HEAD LAMPS AS REQUIRED FOR MAXIMUM LIGHTING OUTPUT ON THE EGRESS PATH.
- LED FIXTURES: TO INSURE A FIXTURE WILL PERFORM "AS ADVERTISED" ON A CUT SHEET, THE PUBLISHED SPECIFICATION SHALL BE SUPPORTED BY LM-79 TEST RESULTS. LED FIXTURES WHICH ARE BUILT USING LEDS SHALL HAVE SUCCESSFULLY PASSED LM-80. LEDS SHALL YIELD A LM-80 RESULT OF A MINIMUM OF 70% OF THE ORIGINAL LIGHT OUTPUT OF THE LED STILL BEING DELIVERED AFTER 50,000 HOURS OF OPERATION. THE POWER SUPPLY UNIT (DRIVER) SHALL HAVE 150,000 HOURS MTBF (MEAN TIME BETWEEN FAILURES). AN INTEGRATED BATTERY BACKUP SOLUTION FOR THE LED FIXTURE IS REQUIRED. REPLACEABLE LED BOARDS TO ALLOW FIXTURE UPGRADE.
- VERIFY CONSTRUCTION OF CEILINGS BEING INSTALLED AND PROVIDE THE LUMINAIRES SPECIFIED IN APPROPRIATE CONFIGURATION WITH ALL HARDWARE AND ACCESSORIES REQUIRED FOR COMPATIBLE INSTALLATION.

LIGHTING CONTROL PANEL GENERAL NOTES:

- EACH LIGHTING CONTROL PANEL SHALL HAVE A MINIMUM 7-DAY CLOCK.
- EACH LIGHTING CONTROL PANEL SHALL BE CAPABLE OF BEING SET FOR SEVEN DIFFERENT DAY TYPES PER WEEK.
- EACH LIGHTING CONTROL PANEL SHALL INCORPORATE AN AUTOMATIC HOLIDAY "SHUT-OFF" FEATURE, WHICH TURNS OFF ALL CONTROLLED LIGHTING LOADS FOR AT LEAST 24 HOURS AND THEN RESUMES NORMALLY SCHEDULED OPERATIONS.
- EACH LIGHTING CONTROL PANEL SHALL HAVE A PROGRAM BACKUP CAPABILITIES, WHICH PREVENT THE LOSS OF PROGRAM AND TIME SETTINGS FOR AT LEAST 10 HOURS, IF POWER IS INTERRUPTED.
- PROVIDE AT A MINIMUM FOUR (4) SPARE RELAYS IN EACH LIGHTING CONTROL PANEL.
- OVERRIDE SWITCHES SHALL TURN THE RESPECTIVE ZONE "ON" DURING OFF HOURS FOR 2 HOURS MAXIMUM.
- ALL OVERRIDE SWITCHES SHALL BE LABELED WITH THE "DESCRIPTION OF AREA".
- LIGHTING CONTROL PANEL SHALL HAVE 0-10V DIMMING CAPABILITY THROUGH THE OVERRIDE SWITCHES.
- PROVIDE PHOTOCELL/PHOTOSENSOR CONNECTED THE THE LCP.
- CONFIRM ON/OFF SCHEDULING WITH THE OWNER. LIGHTING CONTROL PANEL SHALL BE PROGRAMMED FOR THE OWNER.
- LIGHTING CONTROL PANEL VENDOR SHALL PROVIDE SHOP DRAWINGS OF ALL LOCATIONS OF DEVICES AND EQUIPMENT ON THE FLOOR PLAN FOR SUBMITTAL REVIEW AND FOR INSTALLATION PURPOSE. LIGHTING CONTROL PANEL VENDOR SHALL PROVIDE DETAILED WIRING DIAGRAMS FOR ALL DEVICES AND EQUIPMENT WITHIN THE LCP SYSTEM.
- RELAYS SHALL BE UL824 LISTED SO THAT WHEN POWER FAILS ALL EMERGENCY LIGHTS TURN ON AND FULL BRIGHT.

LCP SCHEDULE				
RELAY NUMBER	PANEL	CIRCUIT NUMBER	DESCRIPTION OF AREA	LOCAL CONTROL
2	INV	1	SANCTUARY	OVERRIDE SWITCH, ON, OFF (ZONE a)
3	INV	1	BAPTISTRY	OVERRIDE SWITCH, ON, OFF (ZONE c)
4	INV	1	STAGE	OVERRIDE SWITCH, ON, OFF (ZONE b)
5	RP-1	41	PARKING LOT POLES	EXTERIOR OVERRIDE SWITCH, PHOTOCELL
6	RP-1	33	BUILDING SIGNAGE	EXTERIOR OVERRIDE SWITCH, PHOTOCELL
7	RP-1	33	FOUNTAIN & SIDEWALKS	EXTERIOR OVERRIDE SWITCH, PHOTOCELL
8	RP-1	33	COVERED DROP OFF LANE	EXTERIOR OVERRIDE SWITCH, PHOTOCELL



SPRINGFIELD BAPTIST CHURCH

CONSULTANTS:



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PANAMA CITY BEACH, FL 32413

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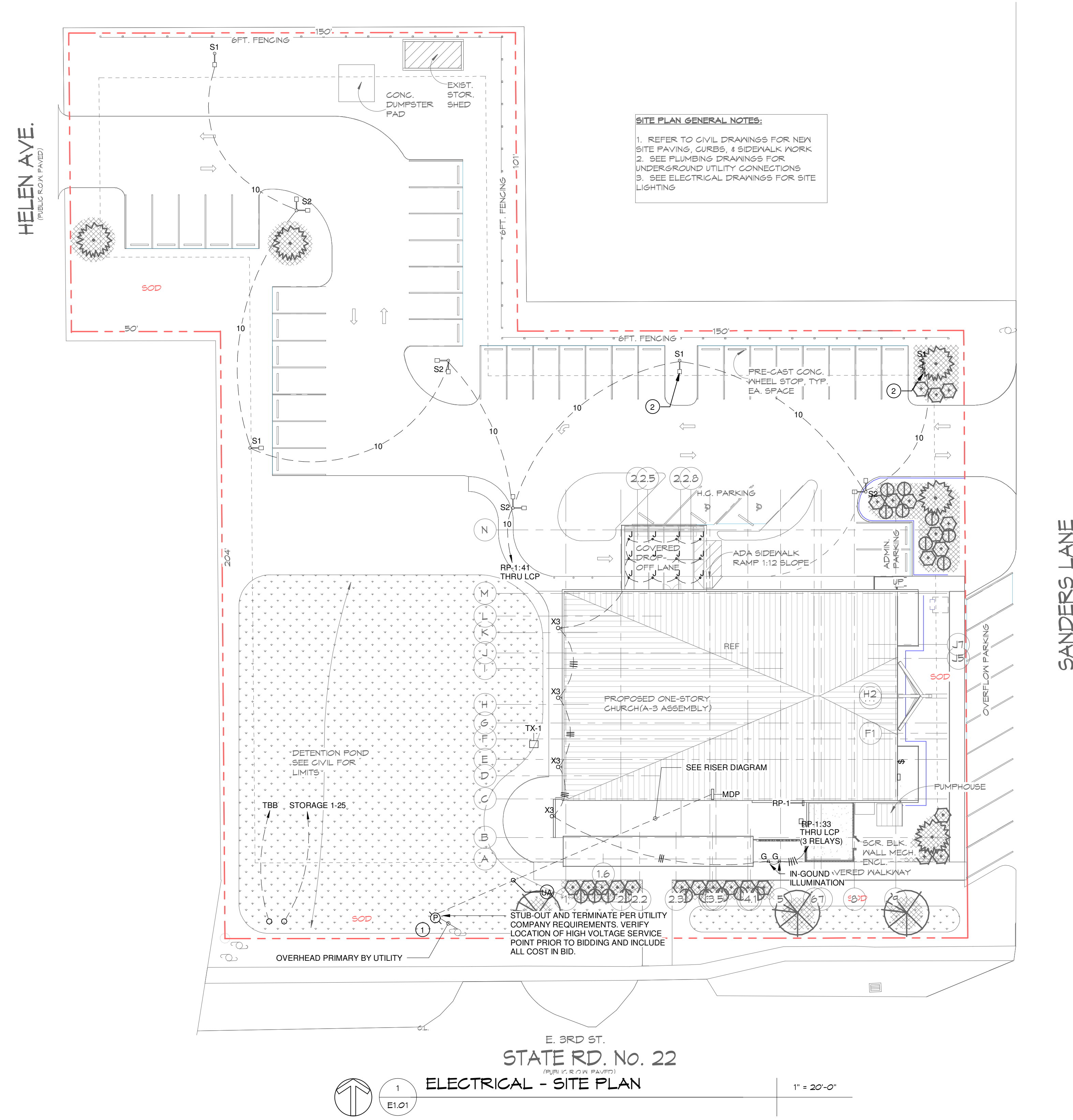
SCALE: DATE: 02/16/23
DRAWN BY: DS CHECKED BY: JMS
NO. REVISION DATE:

SHEET TITLE:

ELECTRICAL - LUMINAIRE SCHEDULE AND COMCHECK

PROJECT NO: 4323 SHEET NO: E0.04

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SITE PLAN GENERAL NOTES:

1. REFER TO CIVIL DRAWINGS FOR NEW SITE PAVING, CURBS, & SIDEWALK WORK.
2. SEE PLUMBING DRAWINGS FOR UNDERGROUND UTILITY CONNECTIONS.
3. SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING.

SITE POWER AND TELEPHONE NOTES:

1A. SECONDARY FROM TRANSFORMER TO MAIN DISCONNECT. VERIFY ROUTING WITH UTILITY COMPANY AND ROUTE TO CLEAR STRUCTURAL FOOTING. SEE RISER DIAGRAM.

1. ALL UTILITY SERVICE SHALL BE VERIFIED WITH THE UTILITY COMPANIES PRIOR TO BIDDING AND ALL RESULTING COSTS SHALL BE INCLUDED IN BID.
2. ACTUAL INSTALLATION OF ALL UTILITY SERVICES SHALL BE ACCORDING TO FINAL UTILITY COMPANY PLANS. SEE "UTILITY NOTES".
3. OVERHEAD TRANSFORMER BY UTILITY COMPANY.
4. UTILITY CONTACTS:
FLORIDA POWER & LIGHT: DWIGHT QUMBAY
dwight.qumbay@fpl.com - (850) 672-3229

UTILITY NOTES:

FOR POWER SERVICE:

- A. CONTRACTOR SHALL SUBMIT A SIGNED LETTER FROM THE UTILITY WITH THE FOLLOWING INFORMATION: RE-CONFIRMATION FOR REUSE OF THE EXISTING TRANSFORMER, AVAILABLE FAULT CURRENT AT THE SECONDARY TERMINALS OF THE TRANSFORMER.
- B. IN THE EVENT THAT THE TRANSFORMER IS BEING UPGRADED, CONTRACTOR WILL PROVIDE TRANSFORMER SLABS INSTALLED COMPLETE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
- C. CONTRACTOR WILL PROVIDE SECONDARY CONDUITS FOR LOW VOLTAGE CIRCUITS FROM TRANSFORMER SLABS TO BUILDING EQUIPMENT ROOMS, CONDUIT TO BE 48" DEEP AND TERMINATED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- D. PROVIDE PULLWIRE IN ALL EMPTY CONDUITS.
- E. USE JOINT TRENCHING WHEREVER POSSIBLE.
- F. COORDINATE WITH UTILITY AND VERIFY THAT CONCRETE SEMI-ENCASEMENT IS NOT REQUIRED AND INCLUDE ALL RESULTING COSTS WITHIN BID.
- G. PROVIDE ADEQUATE GUARD RAILING AROUND POWER TRANSFORMERS IN PARKING AREAS.

GENERAL NOTE:

A. SEE "T" DRAWINGS FOR TELECOM SERVICE ENTRANCE.

KEYNOTE:

- 1 NEW UTILITY RISER POLE BY UTILITY.
- 2 PROVIDE HOUSE SHIELD OPTION TO THE FIXTURES INDICATED.



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NO.	REVISION
	DATE

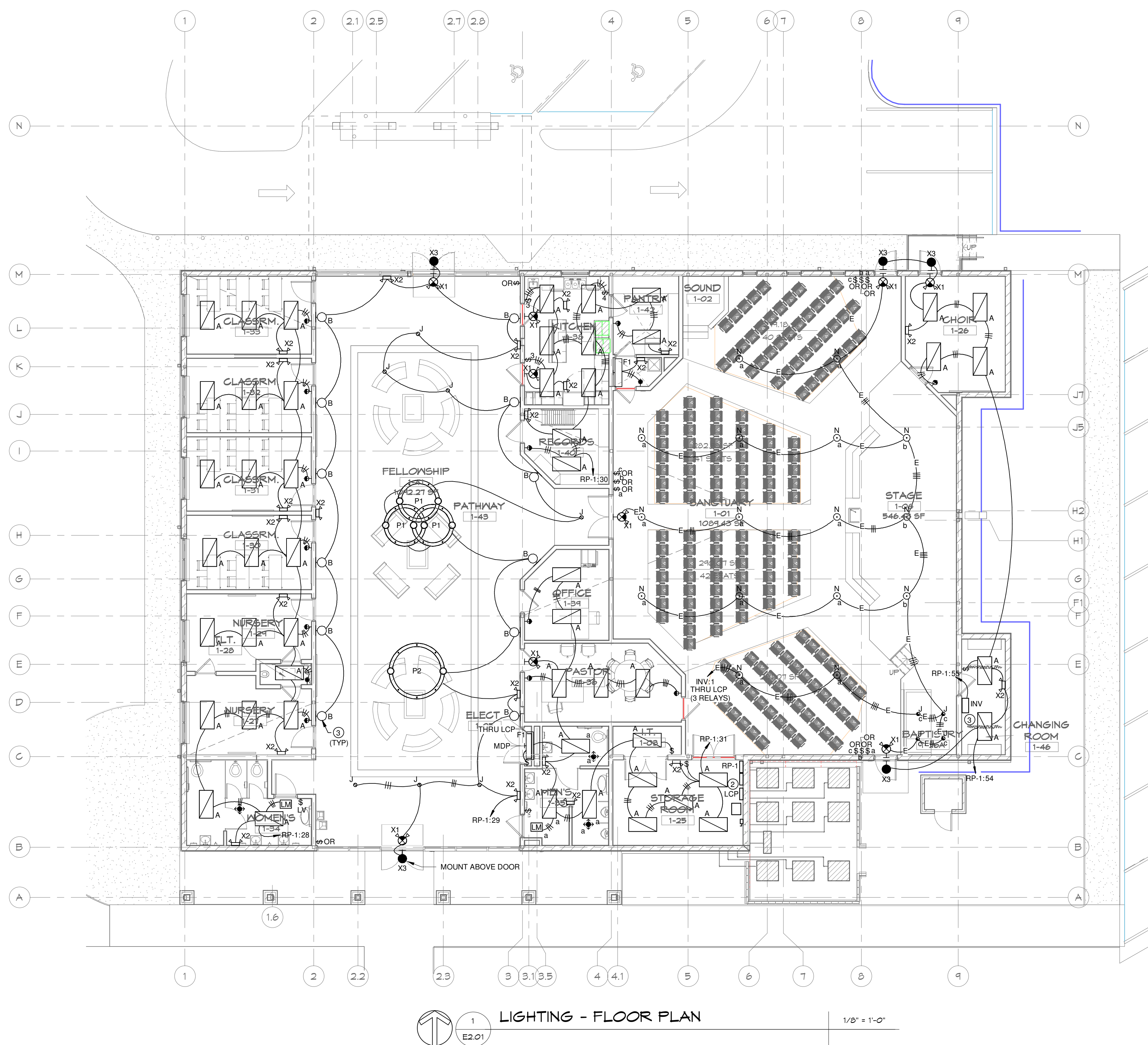
SHEET TITLE:
ELECTRICAL - SITE PLAN

PROJECT NO:
4323

SHEET NO:
E1.01

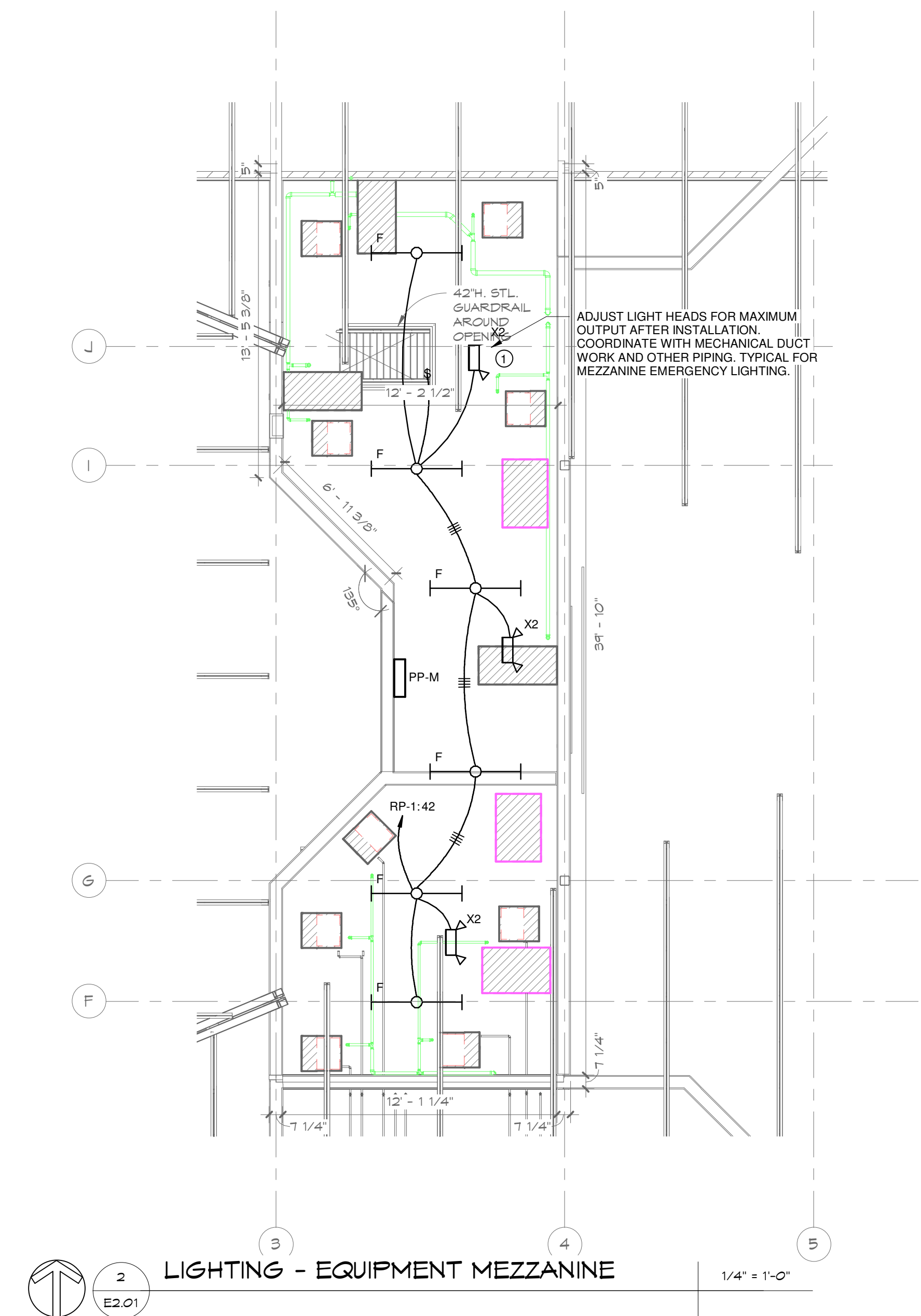
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1 LIGHTING - FLOOR PLAN
 1/8" = 1'-0"

- LIGHTING - FLOOR PLAN KEYNOTES**
- 1 MOUNT TO CEILING/STRUCTURE.
 - 2 PROVIDE OVERRIDE TEST SWITCH FOR EXTERIOR LIGHTING
 - 3 JUNCTION BOX FOR FIXTURE 'B' SHALL BE AT 10' A.F.F.
 - 4 PROVIDE UL LISTED INVERTER FOR EMERGENCY LIGHTING WITHIN SANCTUARY. INVERTER SHALL BE 120V INPUT, 120V OUTPUT AND BE 1600VA RATED. INVERTER SHALL AUTOMATICALLY PROVIDE EMERGENCY LIGHTING FOR A MINIMUM CAPACITY OF 90 MINUTES. PROVIDE MYERS ILLUMINATOR EM-2-1-EM-2-S-B-A-20-1 OR EQUAL.

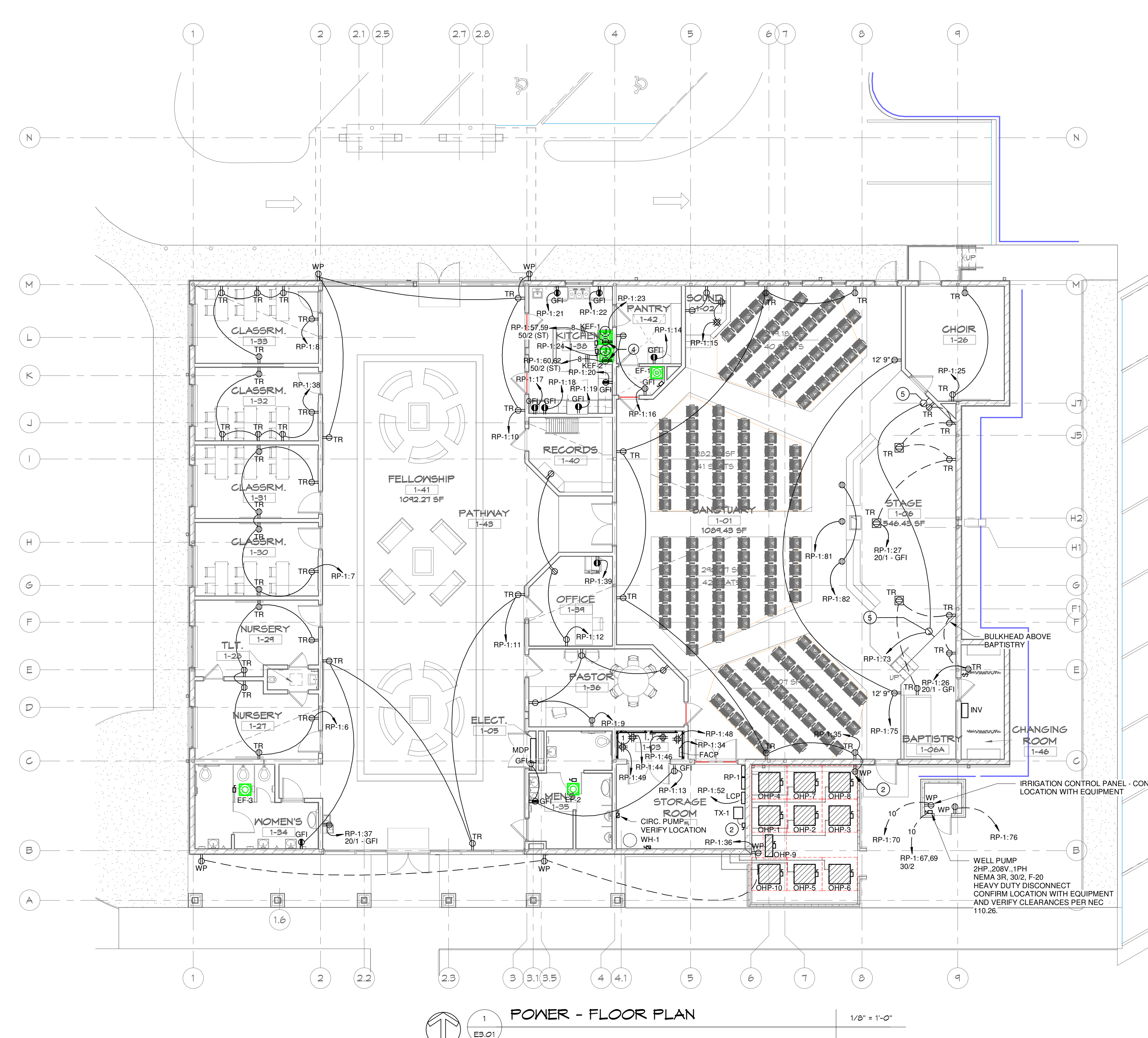


2 LIGHTING - EQUIPMENT MEZZANINE
 1/4" = 1'-0"

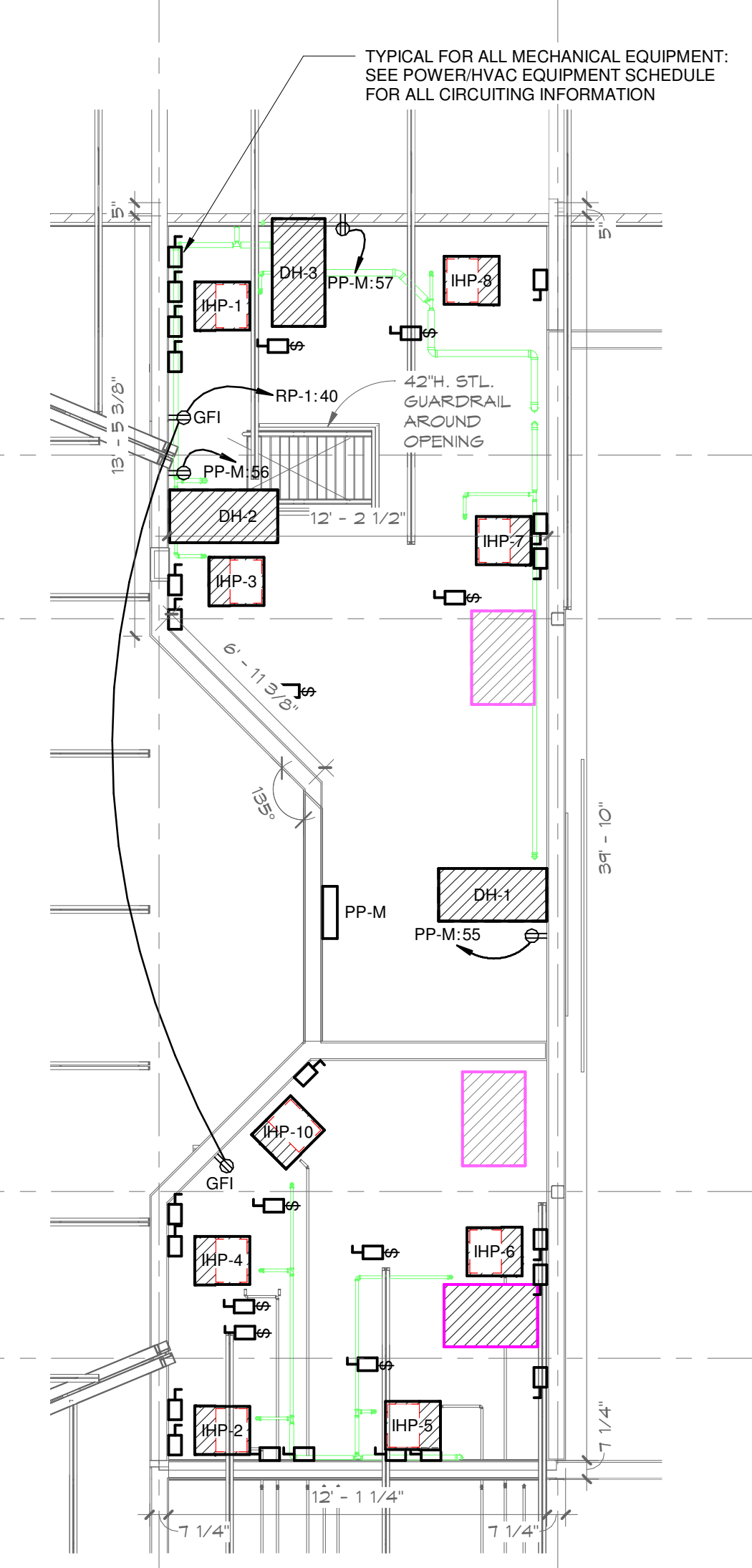
ADJUST LIGHT HEADS FOR MAXIMUM
 OUTPUT AFTER INSTALLATION.
 COORDINATE WITH MECHANICAL DUCT
 WORK AND OTHER PIPING. TYPICAL FOR
 MEZZANINE EMERGENCY LIGHTING.

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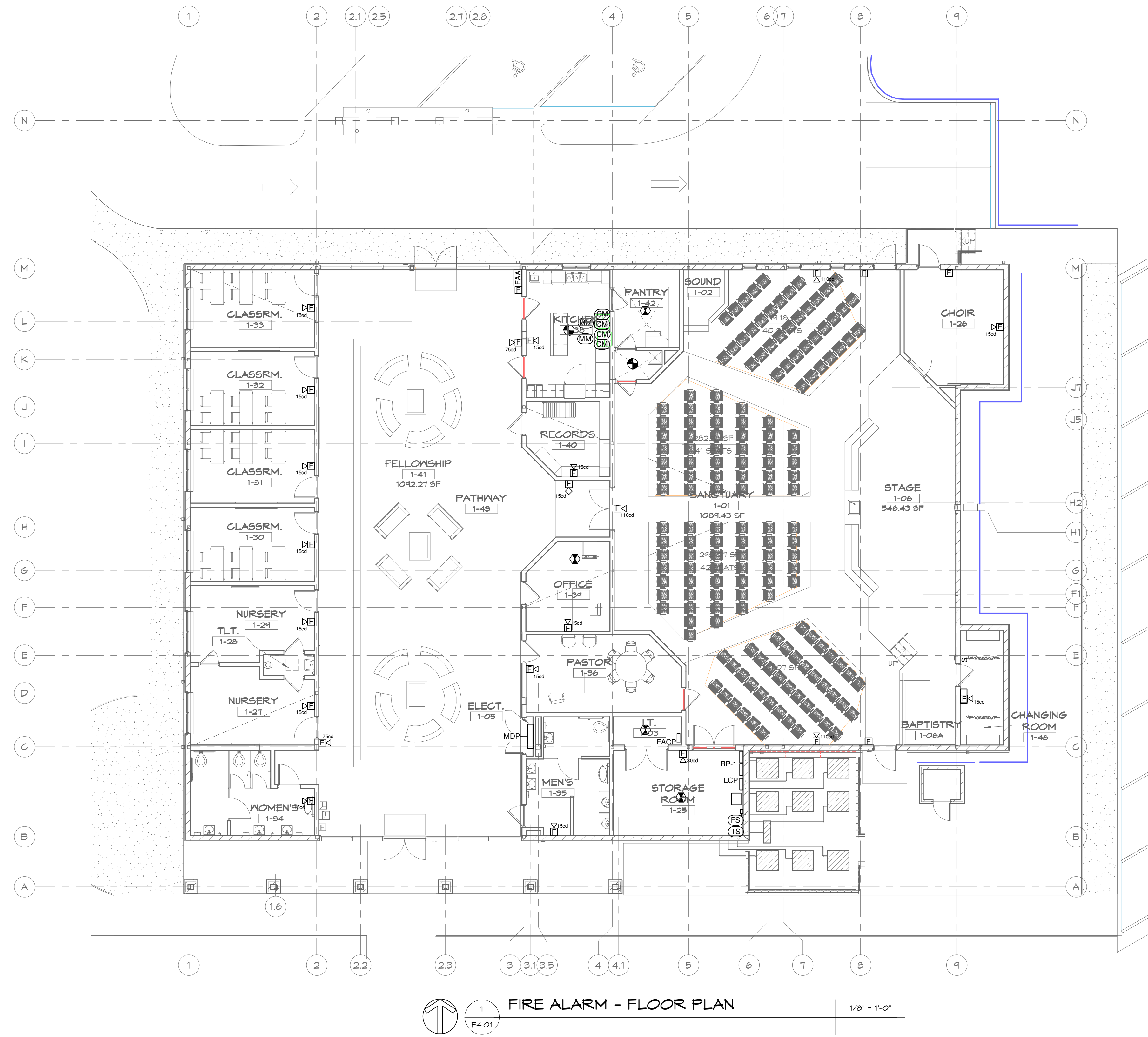
- POWER - FLOOR PLAN KEYNOTES:**
- 1 LOCATION OF GROUND BAR - PROVIDE AND CONNECT BACK TO MAIN SYSTEM GROUND WITH R6 CU. SEE DETAIL.
 - 2 RECEPTACLE FOR IRRIGATION CONTROLLER. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
 - 3 PROVIDE 802, 22KAC, ENCLOSED CIRCUIT BREAKER FOR BES6005 BAPTISM HEATER. BREAKER SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION IN COMPLIANCE WITH NEC 110.25. SEE RISER FOR WIRING. CONNECT TO BES6005 BAPTISM HEATER. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT (BES6005 BAPTISM HEATER) PRIOR TO ROUGH-IN AND PURCHASE OF ANY ASSOCIATED EQUIPMENT.
 - 4 NEMA 14-50R - CONFIRM NEMA CONFIGURATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN OR ORDERING BREAKER/PANEL EQUIPMENT. PROVIDE WITH SHUNT TRIP BREAKER WITH PANEL FOR RANGE SHUTDOWN. COORDINATE ALL CONNECTIONS WITH FOOD SERVICE EQUIPMENT CUTSHEETS. CIRCUIT SHALL SHUNT TRIP OFF UPON ACTIVATION OF THE FIRE ALARM AND/OR FIRE SUPPRESSION SYSTEM.
 - 5 FOR PROJECTION SCREEN. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.



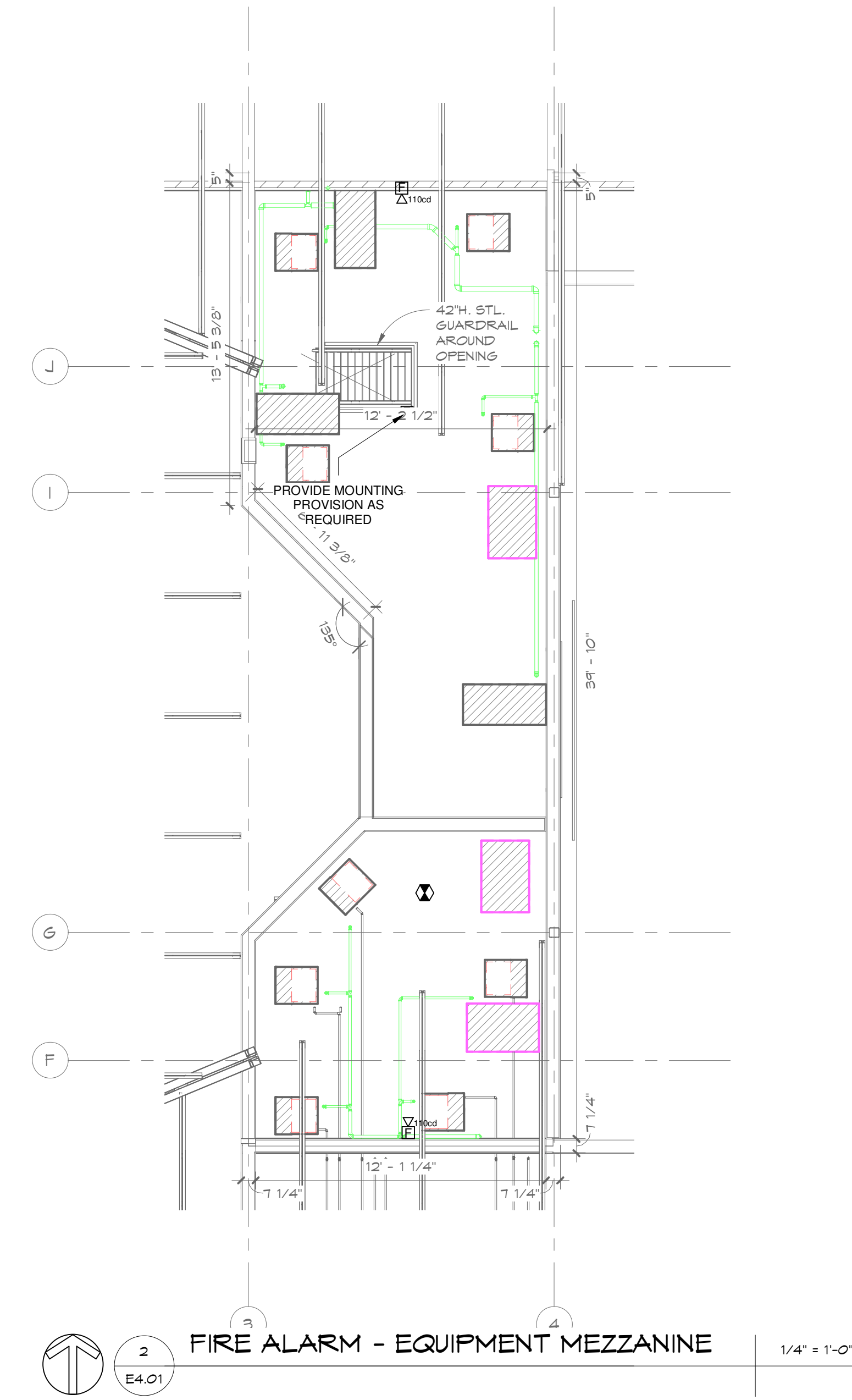
POWER - FLOOR PLAN
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 ES.01
 1/8" = 1'-0"



POWER - EQUIPMENT MEZZANINE
 2
 ES.01
 1/4\"/>




1
E4.01
FIRE ALARM - FLOOR PLAN
1/8" = 1'-0"



2
E4.01
FIRE ALARM - EQUIPMENT MEZZANINE
1/4" = 1'-0"


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SPRINGFIELD BAPTIST CHURCH


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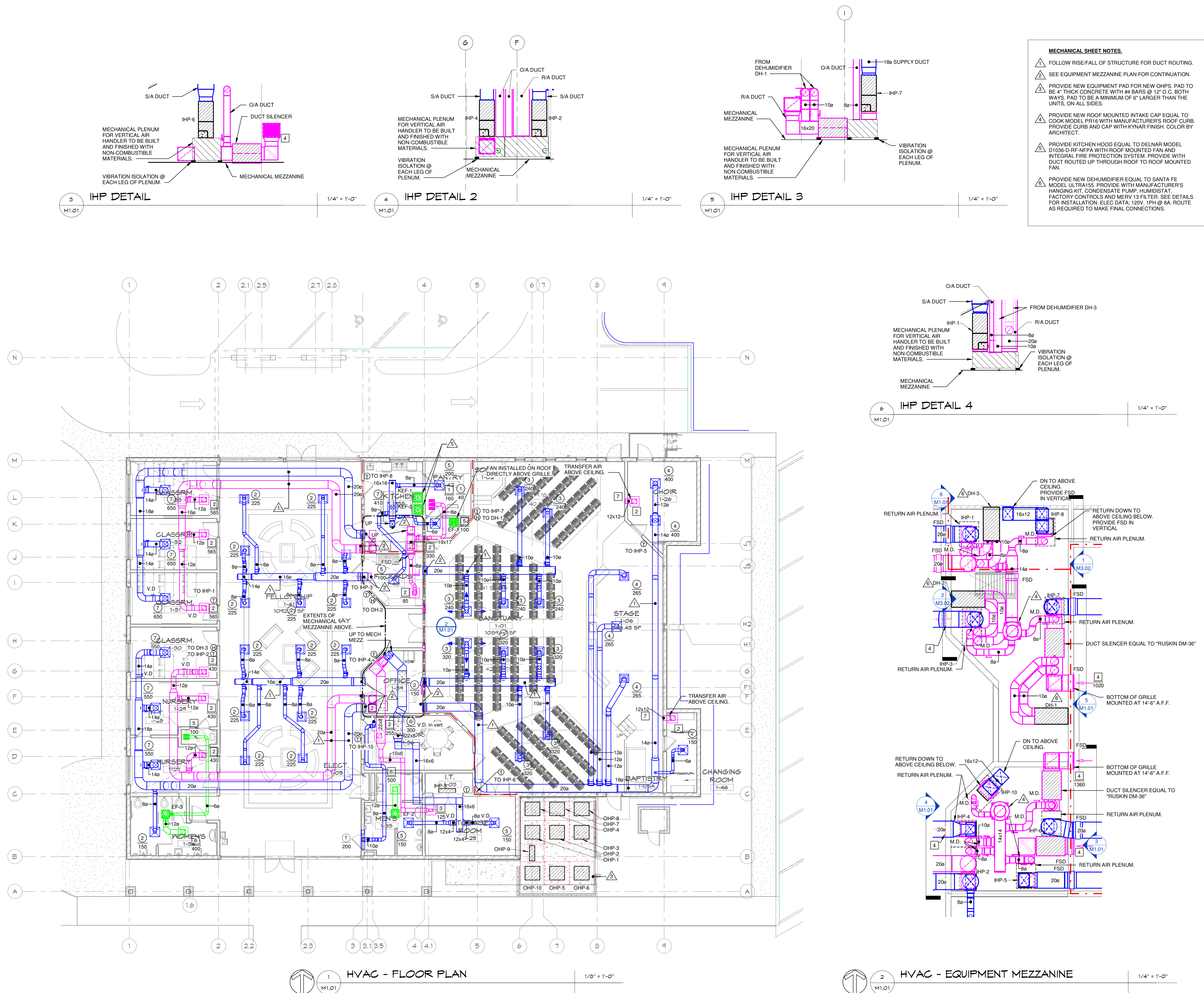
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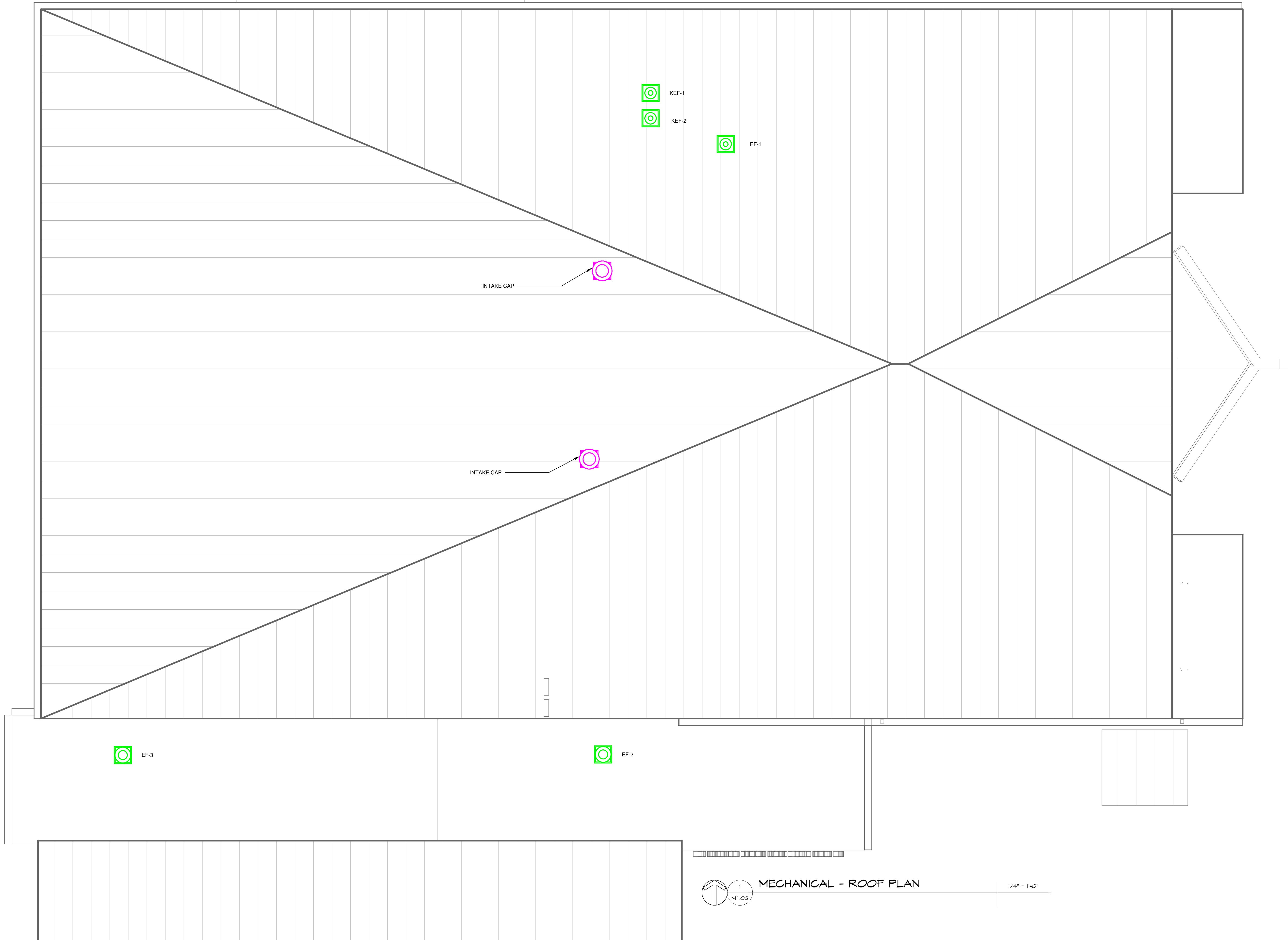
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CONSTRUCTION DOCUMENTS

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NO.	REVISION DATE
SHEET TITLE:	
FIRE ALARM - FLOOR PLANS	
PROJECT NO: 4323	SHEET NO: E4.01

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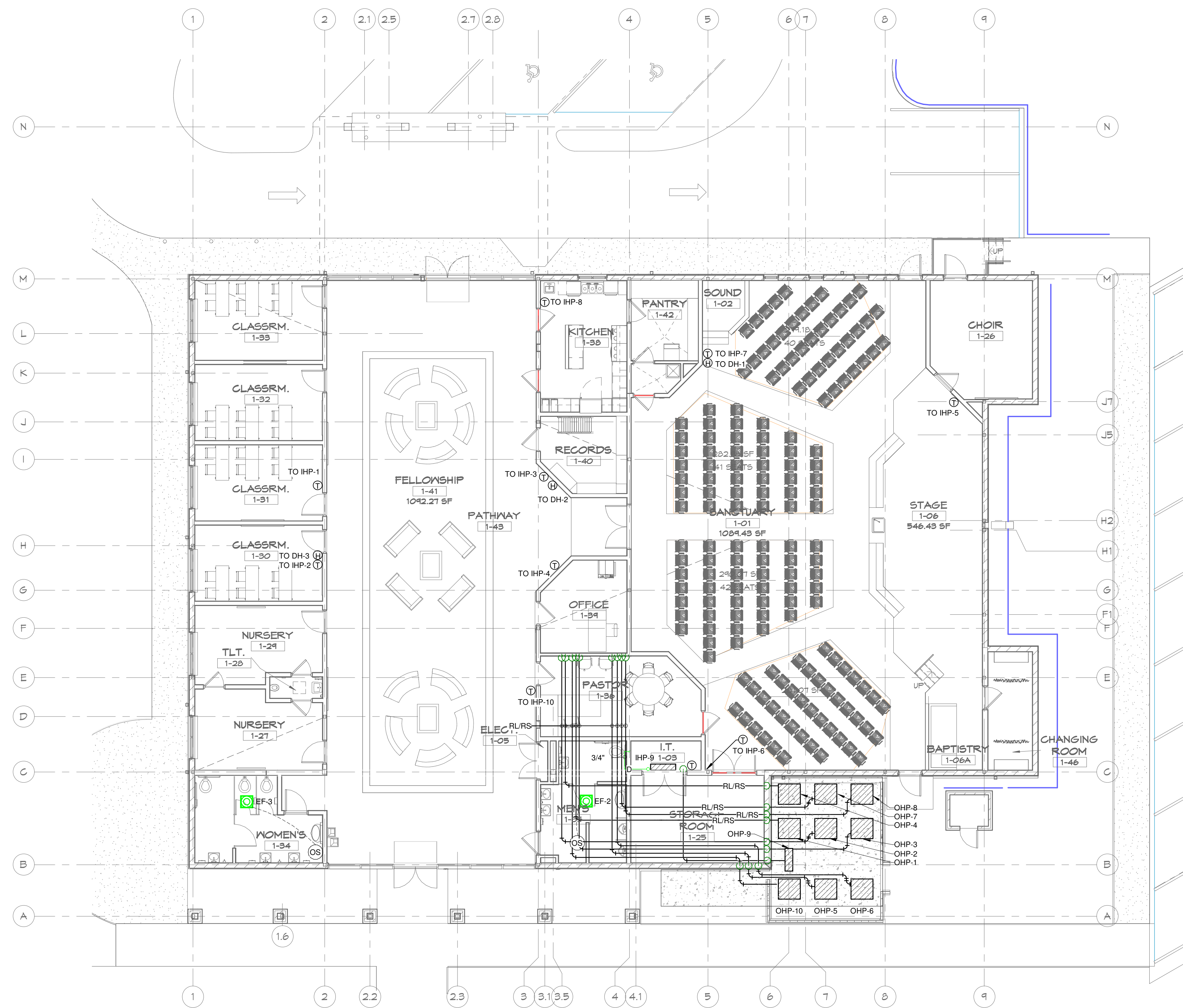
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SHEET TITLE:
**MECHANICAL -
 ROOF PLAN**

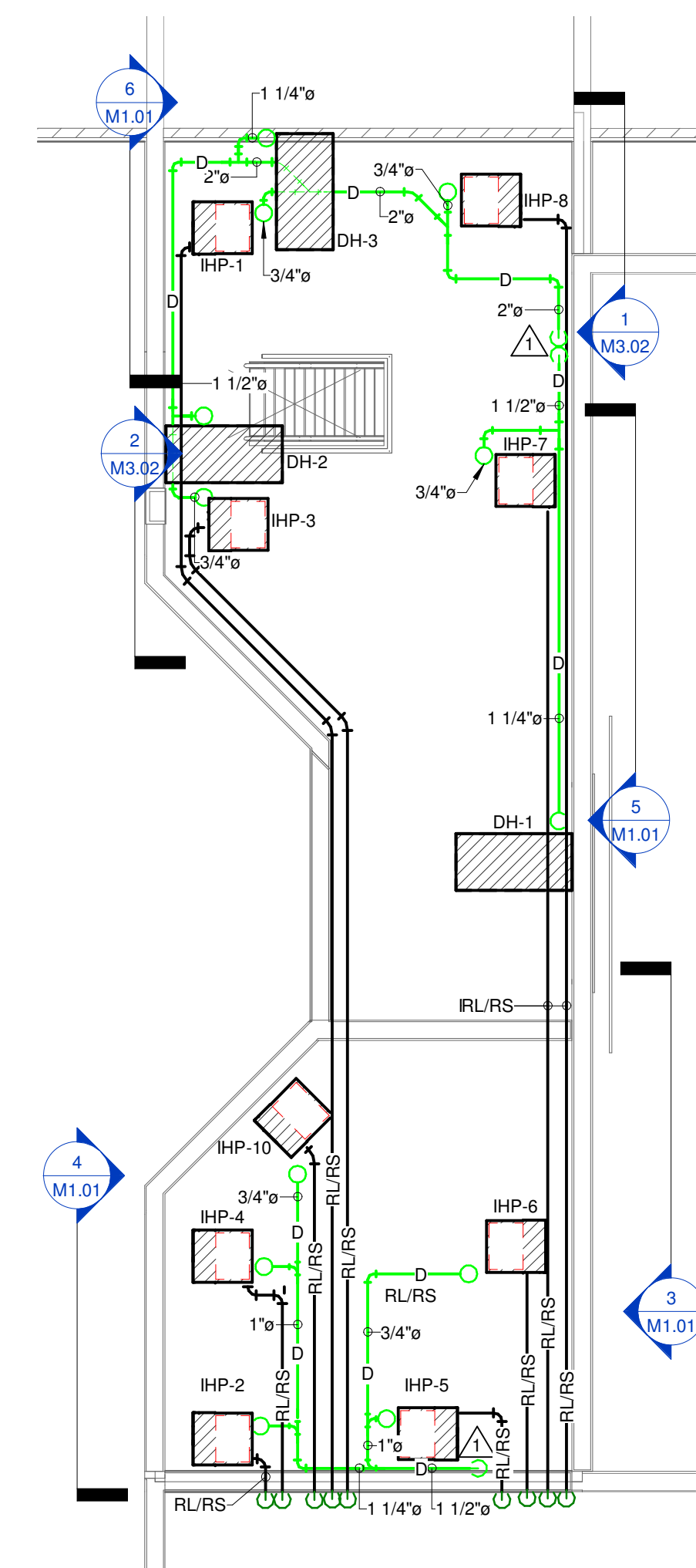
1 M1.02 **MECHANICAL - ROOF PLAN** 1/4" = 1'-0"

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MECHANICAL SHEET NOTES:
 MAKE FINAL DRAIN CONNECTION TO HUB DRAIN ON MECHANICAL MEZZANINE.



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



2 PIPING - EQUIPMENT MEZZANINE 1/4" = 1'-0"



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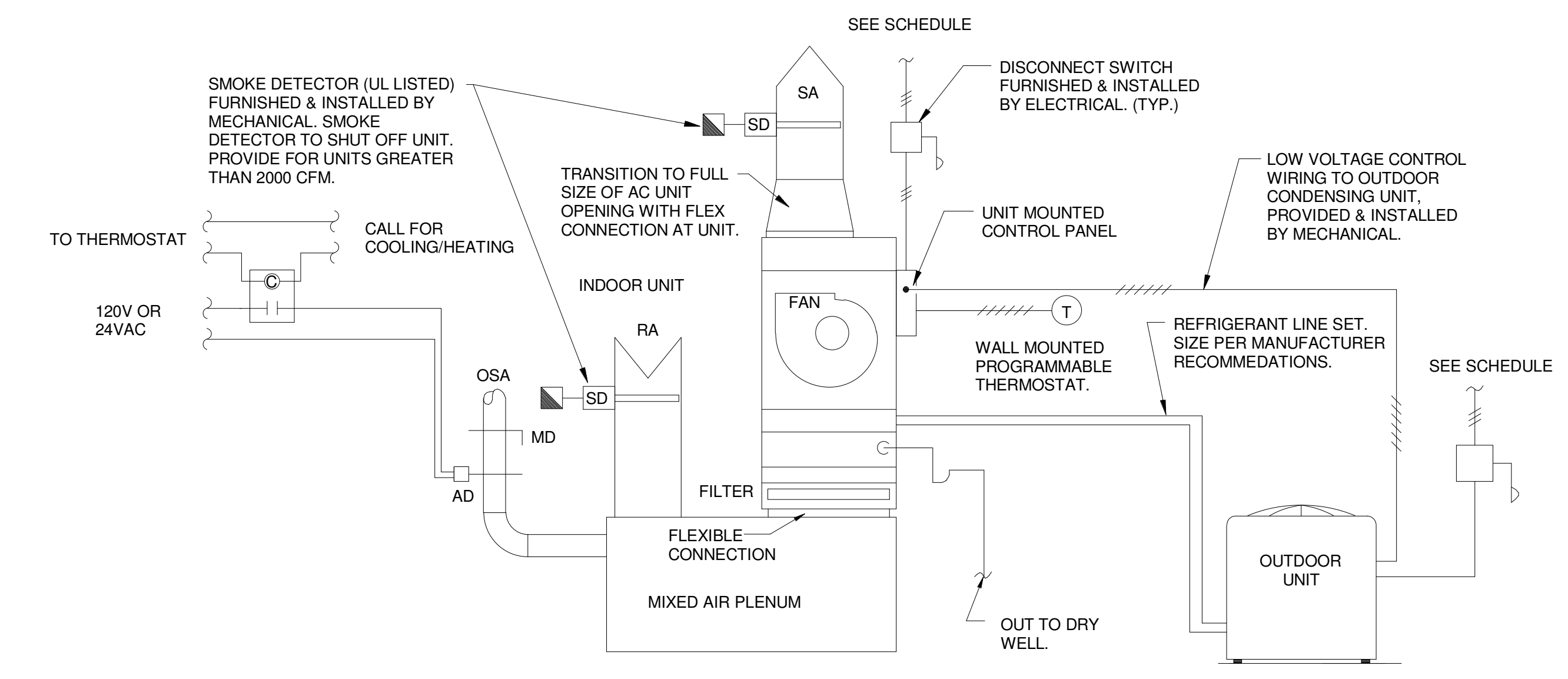
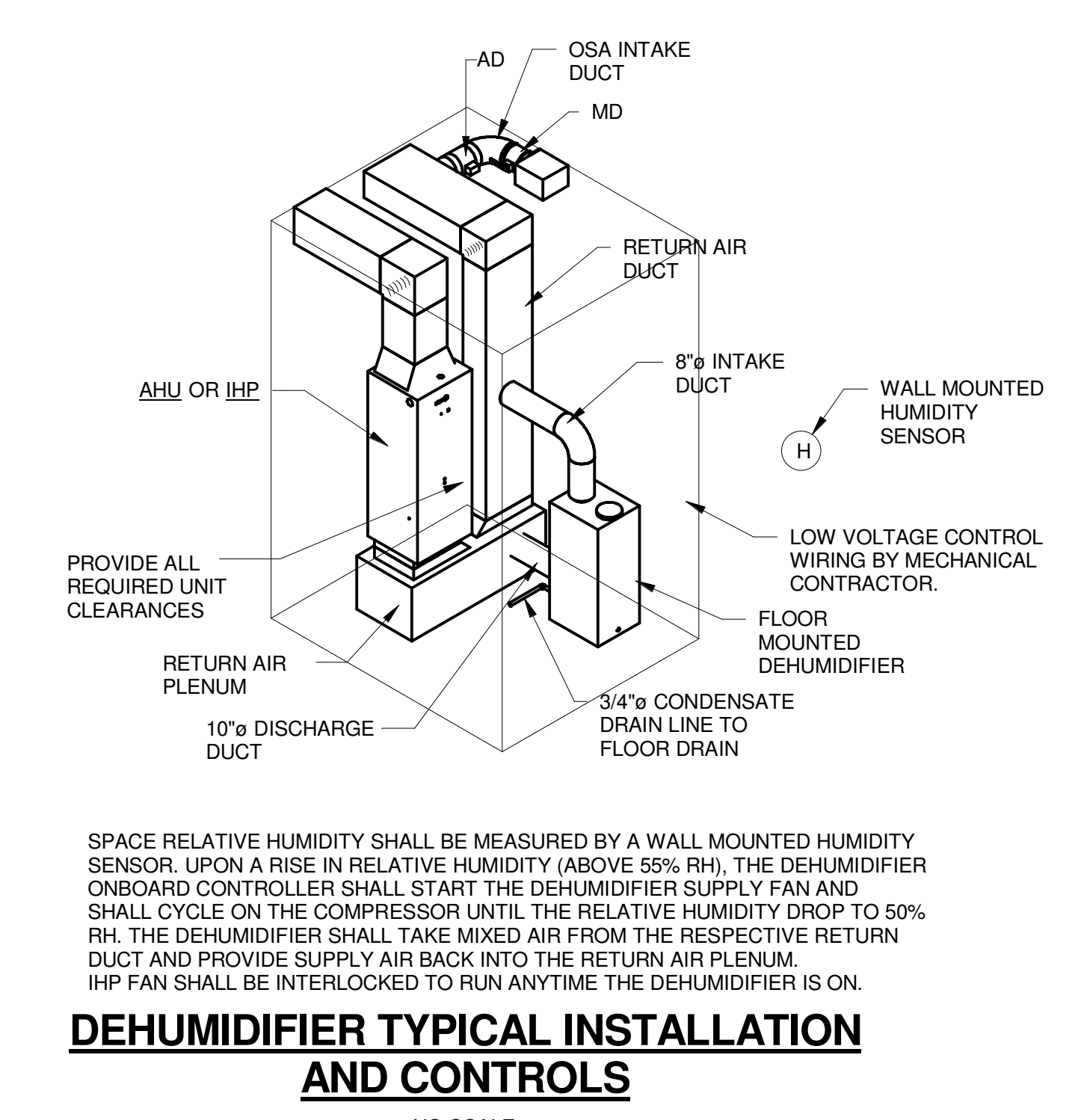
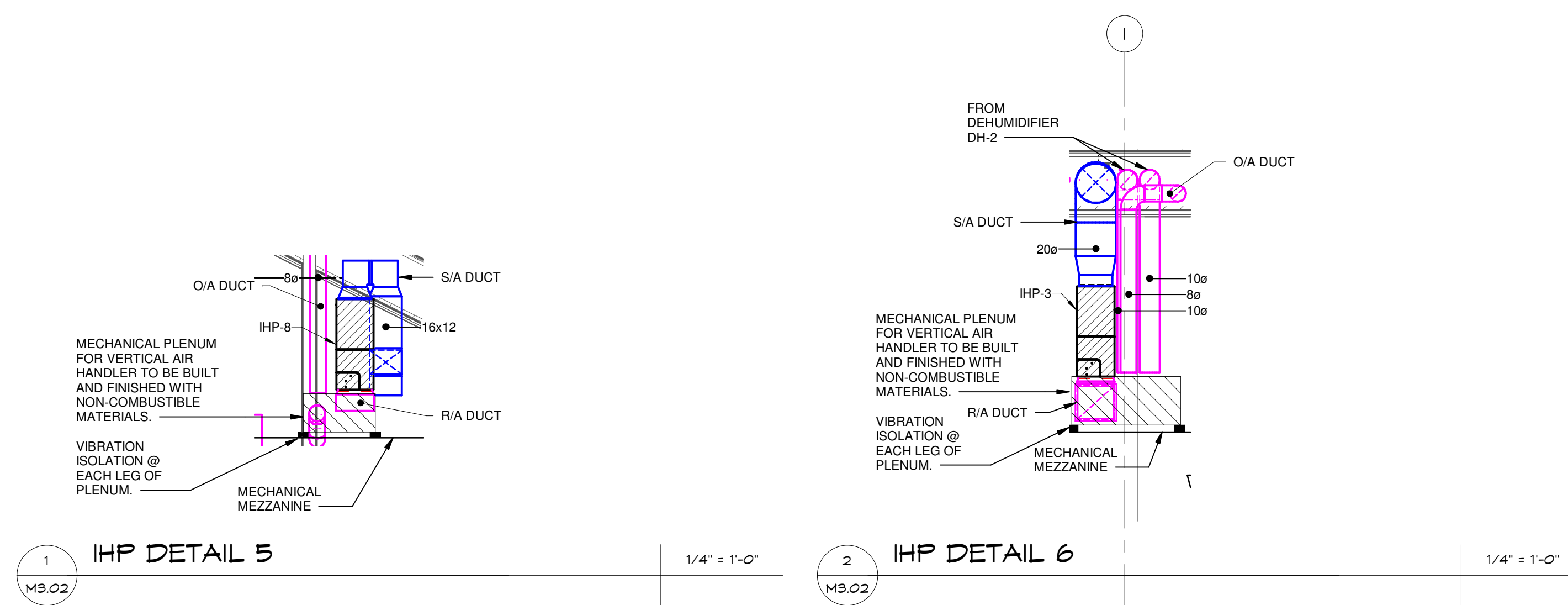
CONSTRUCTION DOCUMENTS

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 NO. REVISION DATE:

SHEET TITLE:
 PIPING - FLOOR PLANS

PROJECT NO: 4323 SHEET NO: M2.01

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SPLIT SYSTEM CONTROL SEQUENCE

EACH AC UNIT SHALL BE STARTED AND STOPPED BY WALL MOUNTED PROGRAMMABLE THERMOSTAT WITH AUTOMATIC CHANGE-OVER. SUBJECT TO FACTORY SAFETIES AND THE DUCT MOUNTED SMOKE DETECTOR (WHERE INDICATED ON PLANS OR SCHEDULE).

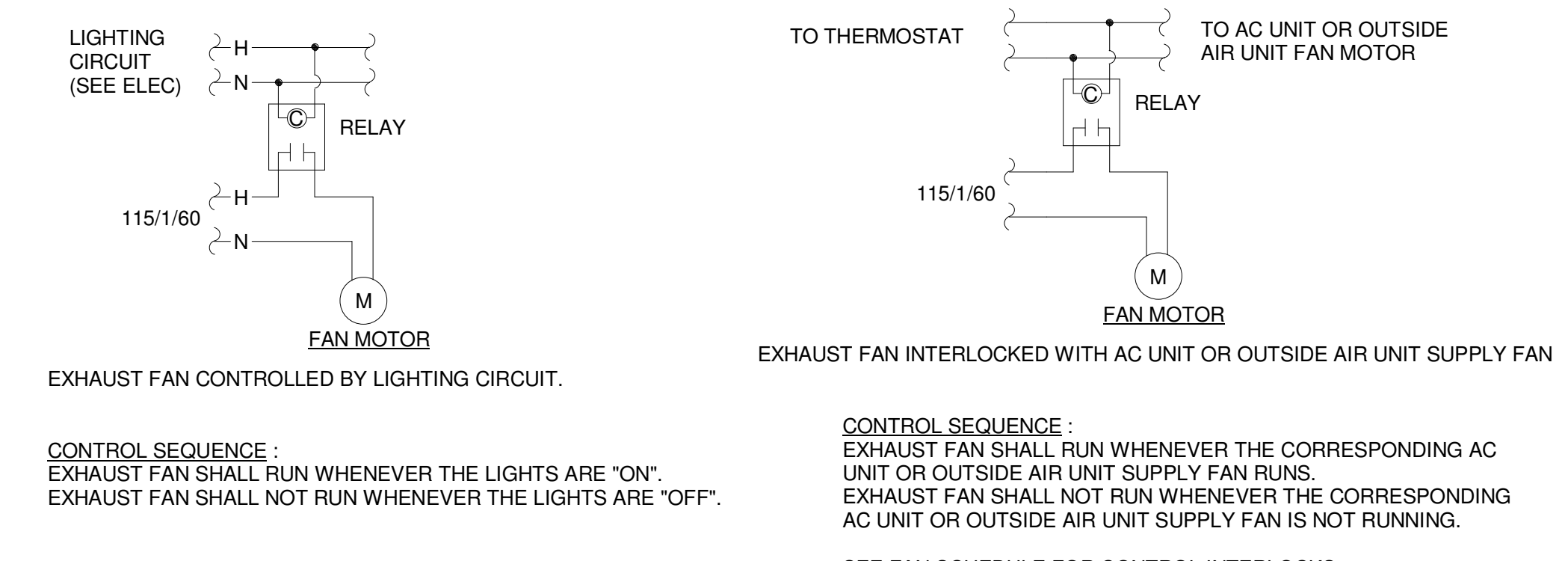
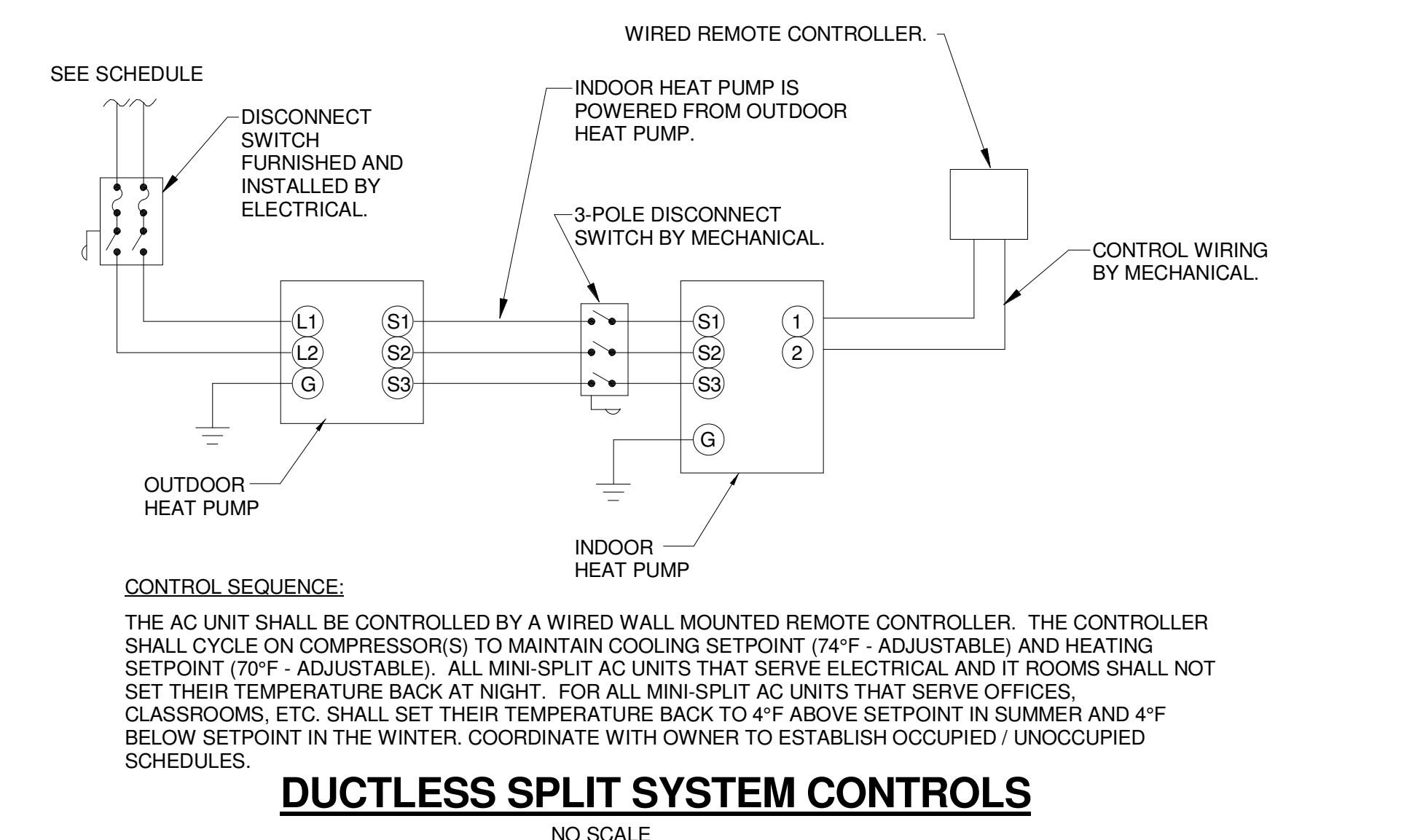
WHEN AC UNIT AND CORRESPONDING CONDENSING UNIT IS ENERGIZED, THE AC UNIT SUPPLY FAN SHALL START.

DURING OCCUPIED HOURS, THE THERMOSTAT SHALL ENERGIZE THE OUTDOOR HEAT PUMP CONTROLS UPON A RISE IN ROOM TEMPERATURE PROVIDE COOLING BY LOADING AND UNLOADING COMPRESSORS IN STAGES AS NEEDED TO SATISFY SPACE TEMPERATURE SETPOINT (74°F - ADJUSTABLE) DURING SUMMER MONTHS. UPON A DROP IN SPACE TEMPERATURE DURING WINTER MONTHS, THE OUTDOOR HEAT PUMP SHALL STAGE ON TO MAINTAIN SPACE TEMPERATURE SETPOINT (70°F - ADJUSTABLE). IF THE HEAT PUMP CANNOT SATISFY SPACE TEMP, THE ELECTRIC HEAT SHALL STAGE ON. OCCUPIED HOURS TO BE DETERMINED BY THE OWNER.

PROVIDE NIGHTTIME SETBACK TEMPERATURE THRU PROGRAMMABLE THERMOSTAT TO MAINTAIN 78°F (SUMMER), 68°F (WINTER), AFTER HOURS. UPON ACTIVATION OF NIGHT LOW LIMIT THERMOSTAT UNIT SHALL OPERATE IN OCCUPIED MODE UNTIL SATISFIED. COORDINATE WITH OWNER FOR ALL NIGHTTIME SETBACK REQUIREMENTS.

OUTSIDE AIR AUTO DAMPER TO BE INTERLOCKED WITH COMPRESSORS AND SHALL BE OPEN WHEN THE COMPRESSORS RUNS.

SPLIT SYSTEM CONTROLS



CONSTRUCTION DOCUMENTS

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MECHANICAL - CONTROLS

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FIRE PROTECTION GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BID. CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION, ELEVATION OF EXISTING STRUCTURE, CEILINGS, MECHANICAL, AND ELECTRICAL PRIOR TO INSTALLING ANY NEW PIPE.
- CONTRACTOR SHALL COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH ALL STRUCTURAL, ELECTRICAL, AND MECHANICAL FEATURES OF THE BUILDING.
- ALL HORIZONTAL PIPING IS RUN ABOVE THE CEILING OR IN JOIST SPACE. ALL PIPING SHALL DRAIN DOWN AS REQUIRED BY NFPA 13. PIPING TO BE INSTALLED TO CONCEAL AS MUCH AS POSSIBLE.
- INSTALL ALL FIRE PROTECTION MATERIALS IN AREAS WITH EXPOSED CEILINGS IN A NEAT FIRST CLASS MANNER. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES. PIPING SHALL BE INSTALLED PARALLEL AND/OR PERPENDICULAR TO BUILDING STRUCTURE UNLESS INDICATED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROJECT ENGINEERS FOR INSPECTION AND TESTING. PROVIDE A MINIMUM OF A WEEK.
- CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR NEW WORK AREAS, CEILING HEIGHTS, SECTIONS, AND PATED WALLS.
- CONTRACTOR RESPONSIBLE FOR COORDINATION OF PIPING WEIGHT AND LOCATION PRIOR TO INSTALLATION OF ANY PIPE.
- PIPING LAYOUT AND SIZING SHOWN ON PLANS IS DIAGRAMMATIC AND SHOWN FOR SPACE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR LAYOUT SHOP DRAWINGS, CALCULATIONS, SUBMITTAL DATA, TESTING, OWNER TRAINING AND CERTIFYING SYSTEM MEETS NFPA 13 AND CONTRACT DOCUMENTS.
- CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS DIFFERENT FROM THE SPECIFIED SPRINKLER HEADS.
- CONTRACTOR SHALL OBTAIN APPROVAL OF "SPRINKLER HEAD TYPE" FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS.
- CONTRACTOR SHALL PAINT ALL EXPOSED PIPING TO MATCH STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.

FIRE PROTECTION SHOP DRAWINGS AND SUBMITTALS

- PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE COVERAGE TO NEW WORK AREA. CONTRACTOR RESPONSIBLE TO PROVIDE DETAILED SHOP DRAWINGS AND CALCULATIONS COMPLETE.
- SHOP DRAWINGS SHALL INCLUDE:
 - A REFLECTED CEILING PLAN INDICATING LOCATION OF SPRINKLER HEADS, LIGHTS, CEILING DEVICES, GRILLES, AUDIO VISUAL, AND ANY DEVICES ATTACHED TO LIFT OUT CEILINGS. ALL SPRINKLER HEADS IN LAY-IN CEILINGS TO BE CENTERED IN TILES. COORDINATE EXACT LOCATION OF SPRINKLER HEADS IN HARD CEILINGS WITH ARCHITECT AND ENGINEER.
 - PREPARE A WORKING PIPE SHOP DRAWING BASED ON HYDRAULIC CALCULATIONS. THE PIPING DRAWINGS SHALL INDICATE THE ELEVATION OF THE PIPE, THE CONFIGURATION OF THE PIPING AND HANGERS, SIZE OF THE PIPE AND COORDINATION OF PIPING WITH OTHER DISCIPLINES, STRUCTURE AND DUCTWORK.
 - HYDRAULIC CALCULATIONS ARE TO BE PREPARED USING A FLOW TEST WITHIN 90 DAYS.
 - THE CONTRACTOR IS RESPONSIBLE FOR INCORPORATING LOCAL AUTHORITY HAVING JURISDICTION COMMENTS FOR COMPLIANCE.
 - ALL ADDITIONAL MATERIALS TO BE INDICATED ON SHOP DRAWINGS.
 - ALL LOW-POINT DRAIN DOWN LOCATION AND PENETRATIONS OF BUILDING STRUCTURE TO BE INDICATED ON SHOP DRAWINGS.
- CONTRACTOR SHALL BE LICENSED IN THE STATE IN WHICH THE WORK IS PERFORMED. THE CONTRACTOR SHALL BE A NICET LEVEL III OR LEVEL IV OR SPECIAL HAZARD SUPPRESSION SYSTEMS. THE NICET LEVEL III DESIGNER SHALL BE AN EMPLOYEE OF FIRE PROTECTION CONTRACTOR.
- ALL ELECTRICAL FIRE ALARM REQUIREMENTS TO BE COORDINATED WITH THE ELECTRICAL CONTRACTOR. THE ELECTRIC BELL AND FLOW AND TAMPER SWITCHES TO BE PROVIDED UNDER FIRE PROTECTION CONTRACT CONDUIT, ALARM WIRING AND PROGRAMMING THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR AND SHALL BE COORDINATED WITH ELECTRICAL. NICET LEVEL III DESIGNER SHALL INSPECT PROJECT.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS PRIOR TO THE START OF THE SPRINKLER SYSTEM INSTALLATION.
- HYDRAULIC CALCULATIONS AND SPRINKLER SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF AN ENGINEER LICENSED IN THE STATE AND BEAR HIS OR HER SEAL WITH SIGNATURE AND DATE.
- MAXIMUM DESIGN VELOCITY SHALL BE 30 FEET PER SECOND.

FIRE PROTECTION LEGEND

FIRE MAIN (F)	— F — F —
FIRE DRAIN LINE	— FD — FD —
BALL VALVE	
OS&Y VALVE (WITH TAMPER SWITCH)	TS
FLOW SWITCH	FS
PIPE DOWN	→
PIPE UP	←
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
	CONCEALED PENDENT SPRINKLER HEAD (COVER SHALL BE FACTORY PAINTED W/ COLOR APPROVED BY ARCHITECT)
	UPRIGHT SPRINKLER HEAD
ARCHITECT TO SELECT COLORS ON ALL SPRINKLER HEADS	

FIRE PROTECTION DESIGN ANALYSIS

REFER TO ARCHITECTURAL PLANS FOR COMPLIANCE NFPA 101
TYPE OF CONSTRUCTION: REFER TO ARCHITECTURAL.

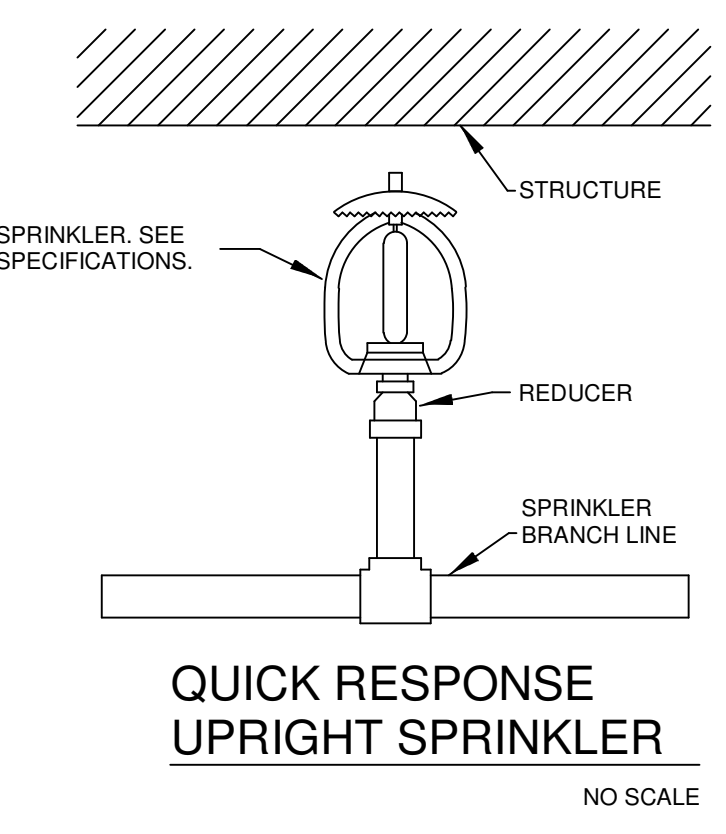
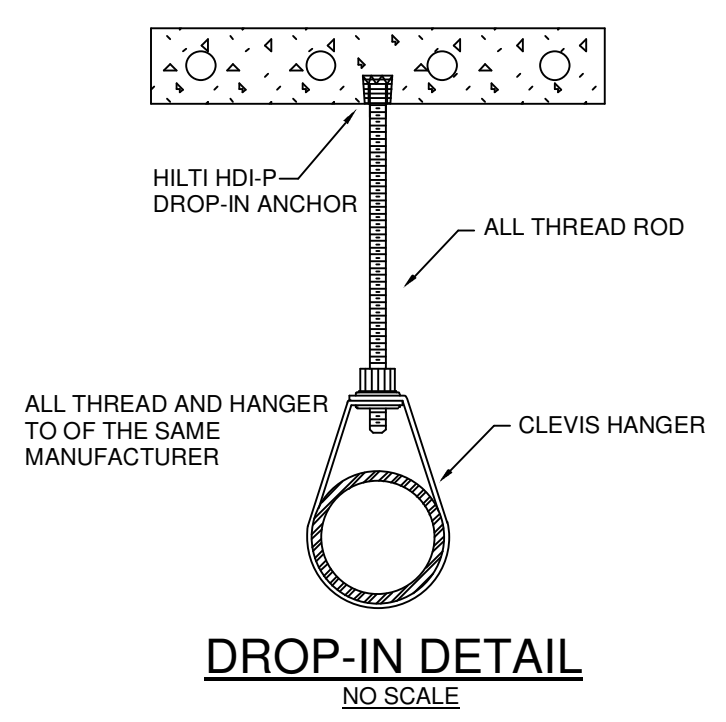
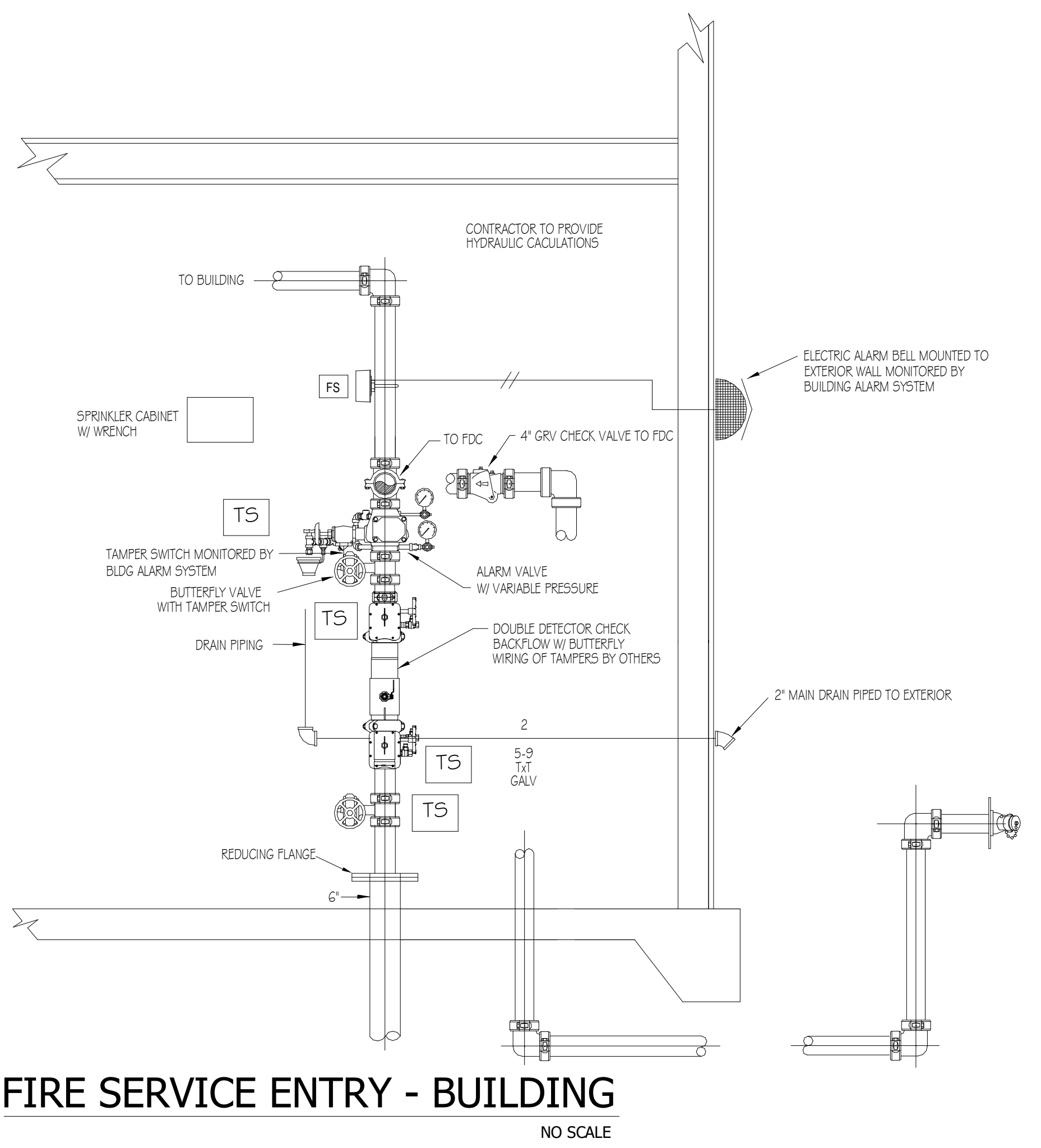
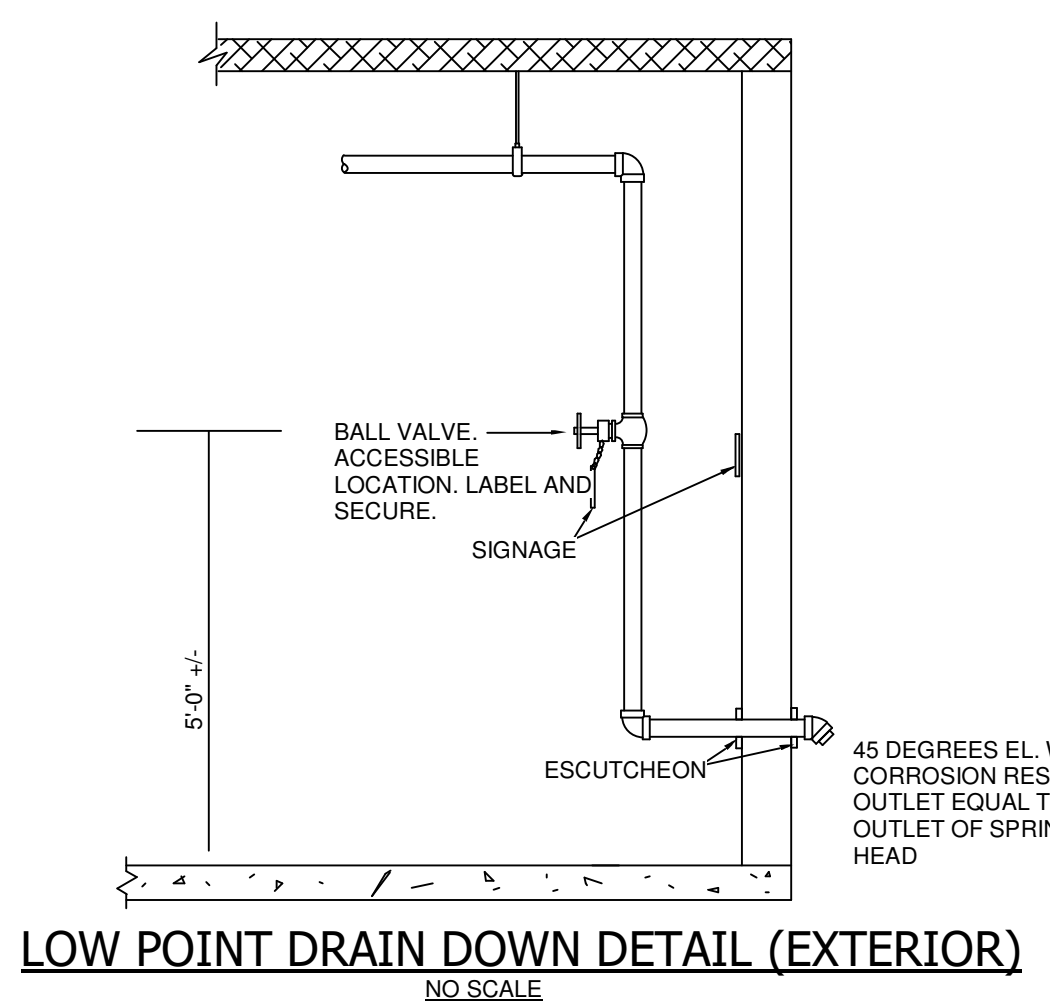
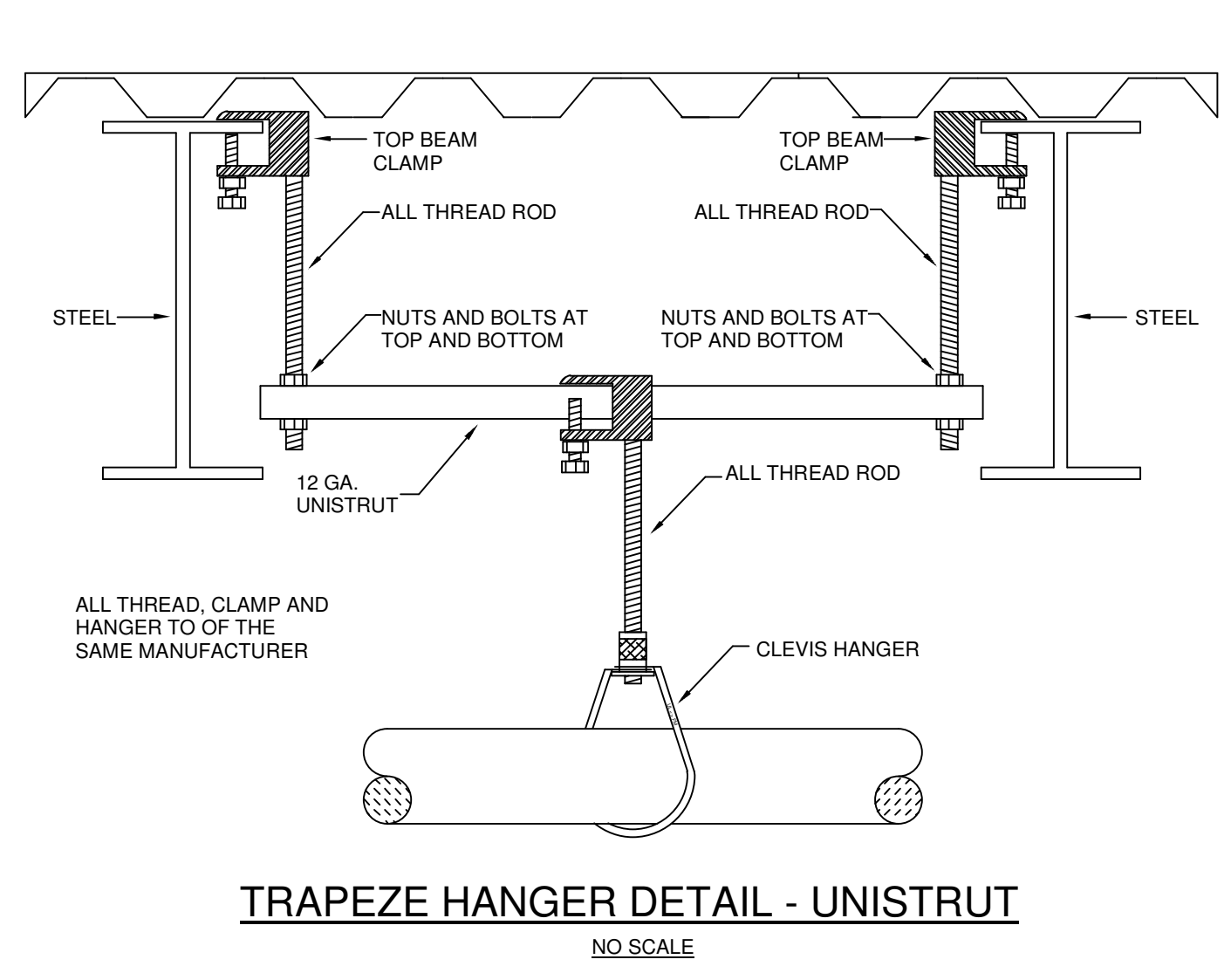
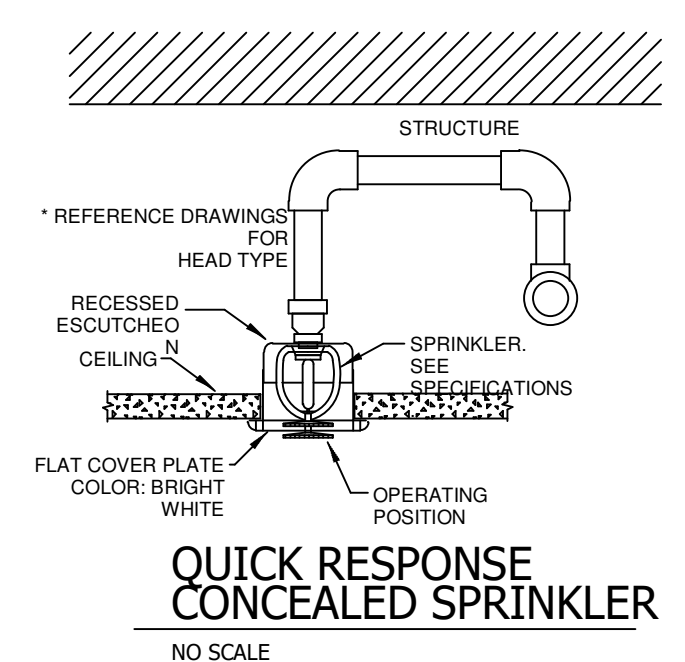
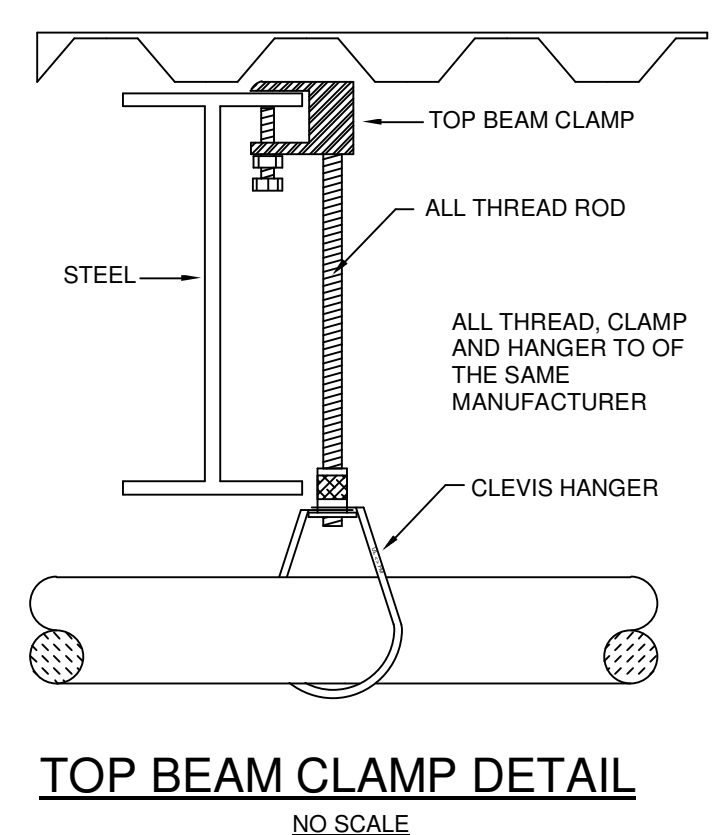
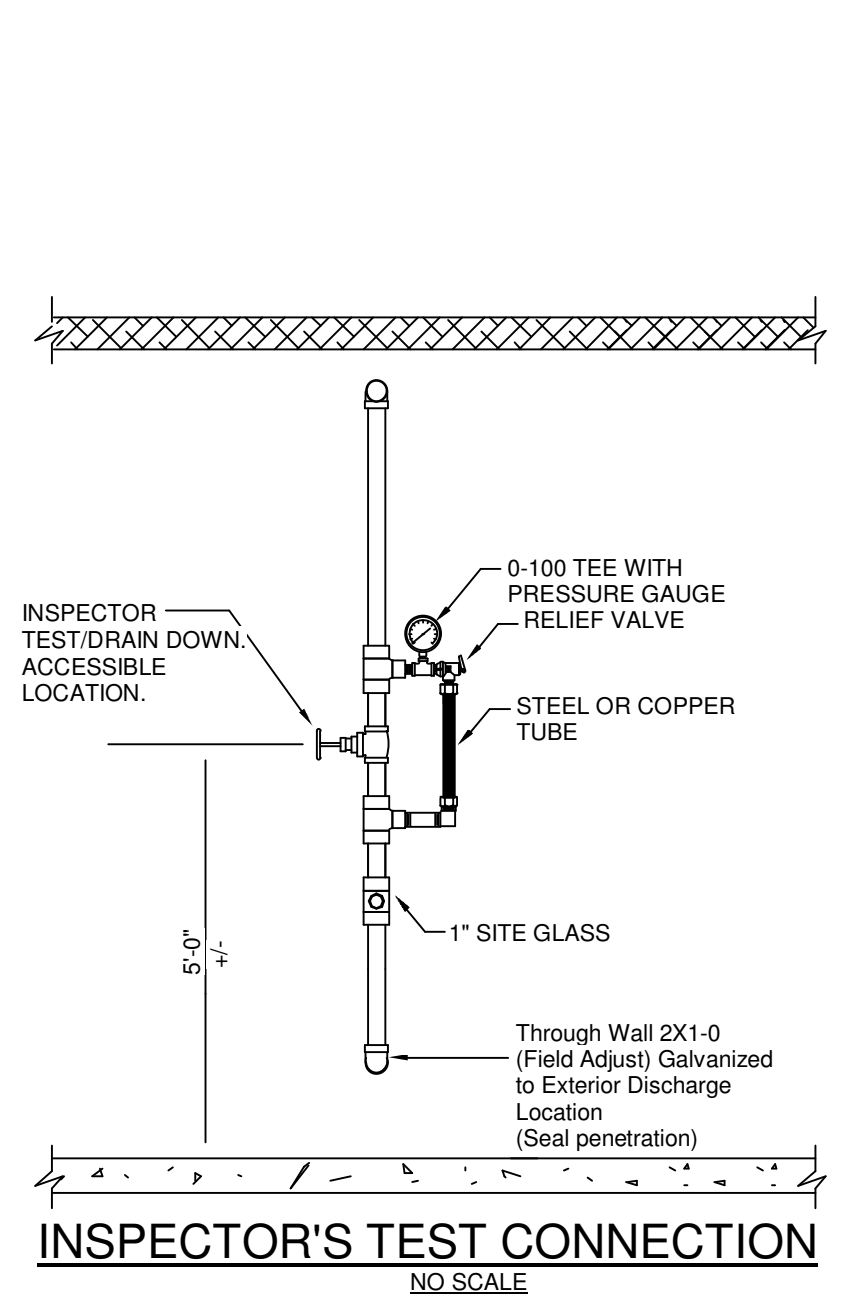
OCCUPANCY: REFERENCE ARCHITECTURAL LIFE SAFETY PLAN

FIRE DESIGN CODES /STANDARDS

APPLICABLE CODES AND STANDARDS:
 2020 FLORIDA BUILDING CODE (2018 IBC WITH AMENDMENTS)
 2020 FLORIDA PLUMBING CODE (2018 IPC WITH AMENDMENTS)
 2020 NATIONAL ELECTRIC CODE OF FLORIDA (2017 NFPA 70)
 2020 FLORIDA FIRE PREVENTION CODE
 2020 FLORIDA ENERGY CONSERVATION CODE (2018 IECC WITH AMENDMENTS)
 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13, 24, 101

FIRE PROTECTION HYDRAULIC DEMANDS

- SPRINKLER PROTECTION
 - ALL OFFICES, WORKROOMS, LOBBIES, VESTIBULES, TOILETS, COMMON AREAS, CORRIDORS: LIGHT HAZARD, 0.15 GPM OVER HYDRAULICALLY MOST REMOTE 1500 SQ. FT.
 - MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, GENERAL PURPOSE STORAGE LESS THAN 100 SQ. FT., ORDINARY HAZARD, GROUP 2, 0.20 GPM OVER HYDRAULICALLY MOST REMOTE 2000 SQ. FT.
 - GENERAL STORAGE, STORAGE HEIGHT LIMIT LESS THAN 12FT, LIMITED COMBUSTIBLES LESS THAN 25 GALLONS, ORDINARY GROUP 1 PER NFPA 13, 0.15 GPM PER 1500 SQ. FT.
- HYDRAULIC CALCULATION SHALL BE CALCULATED WITH 10% SAFETY FACTOR OF SUPPLY CURVE.
- FLOW DATA TO BE RESPONSIBILITY OF CONTRACTOR.



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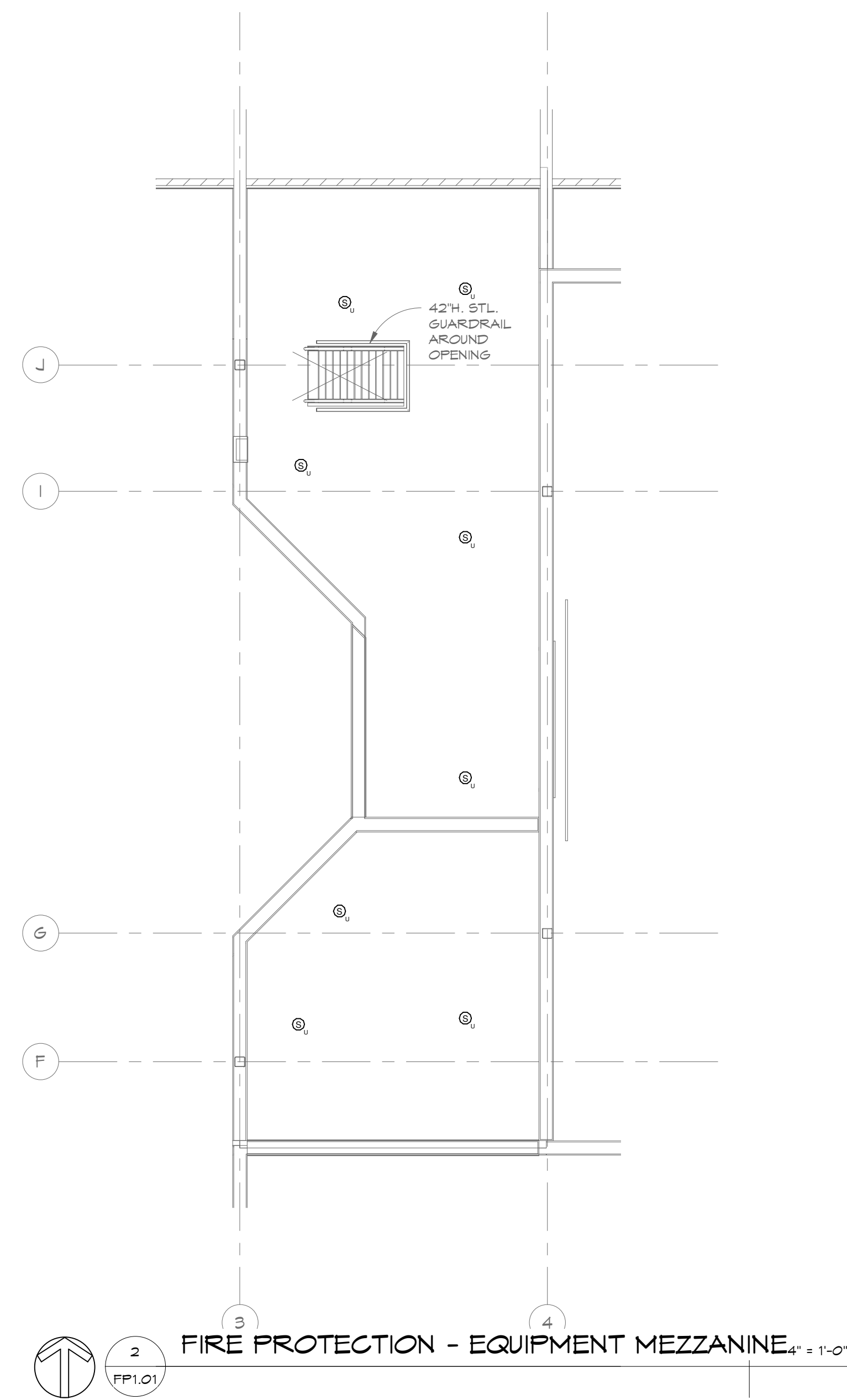
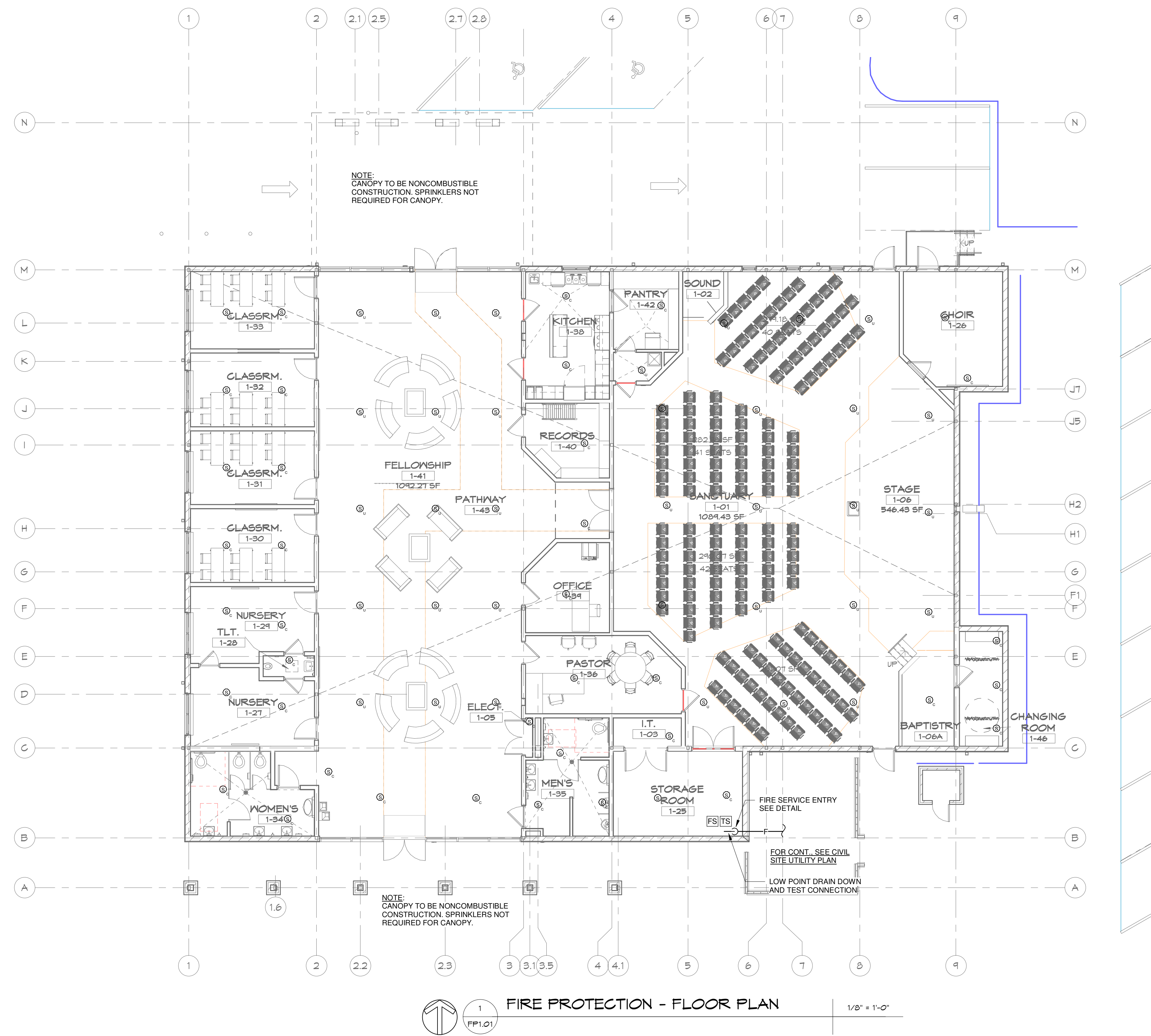
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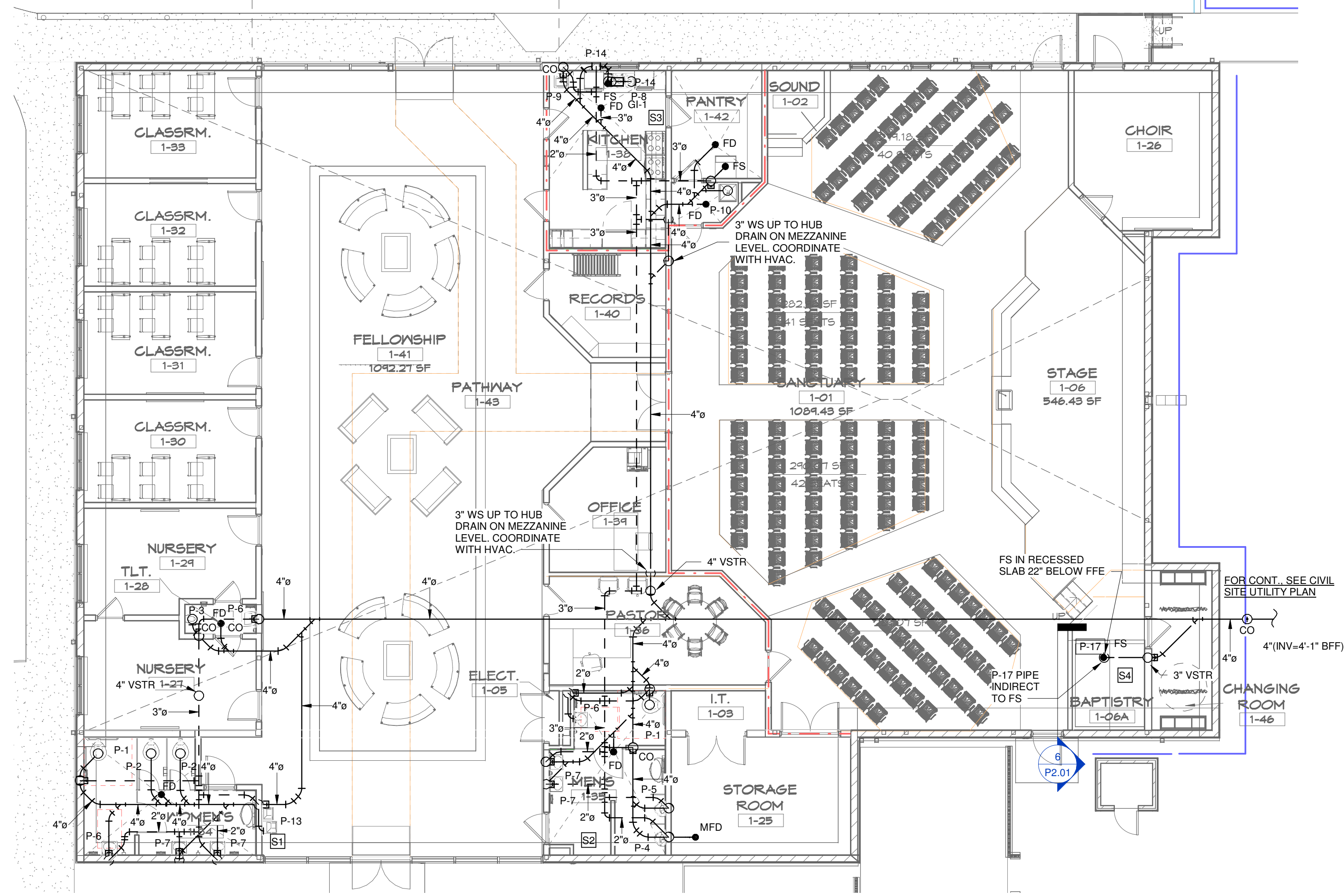
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 NO. REVISION DATE:

SHEET TITLE:
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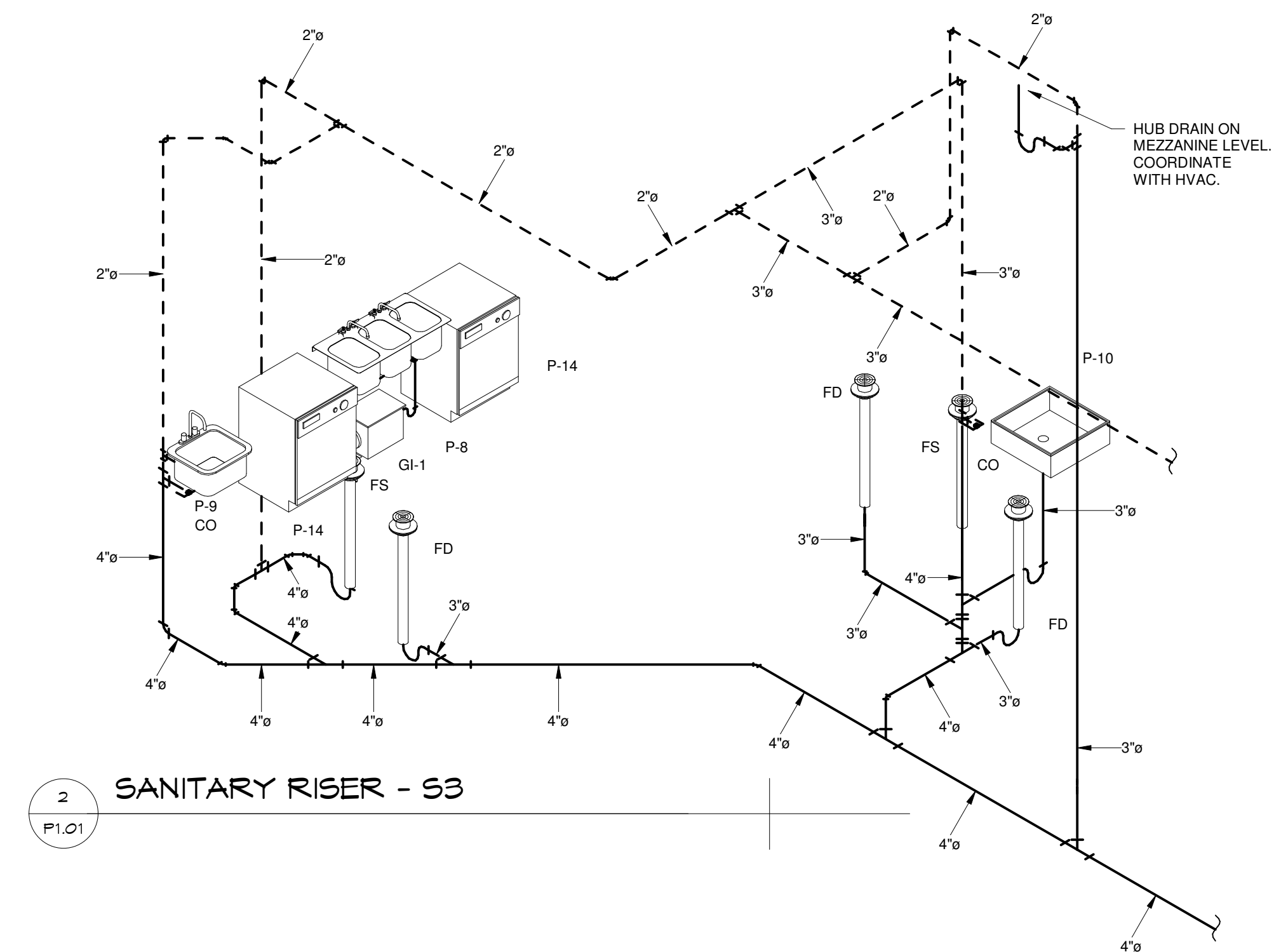
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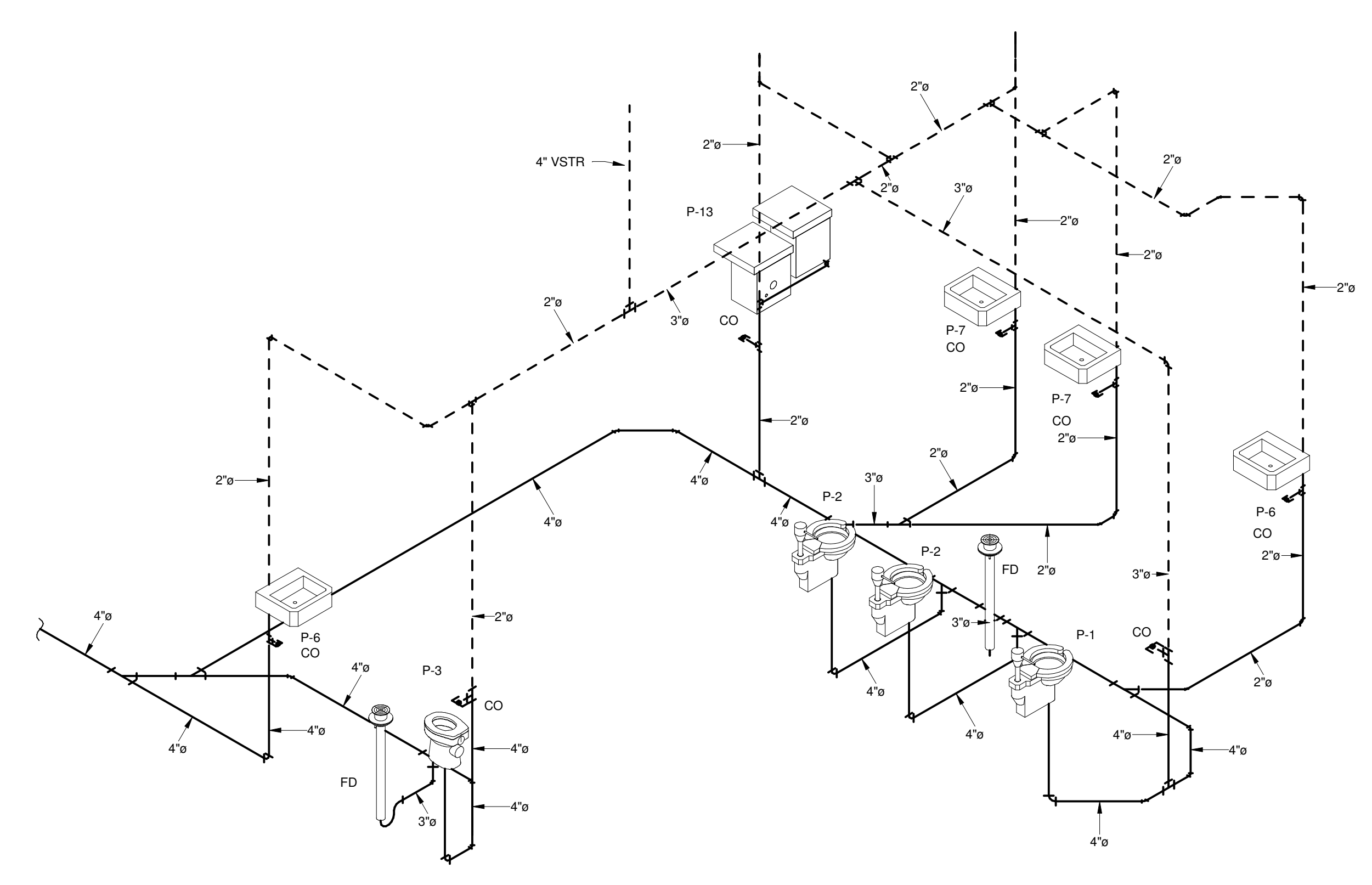




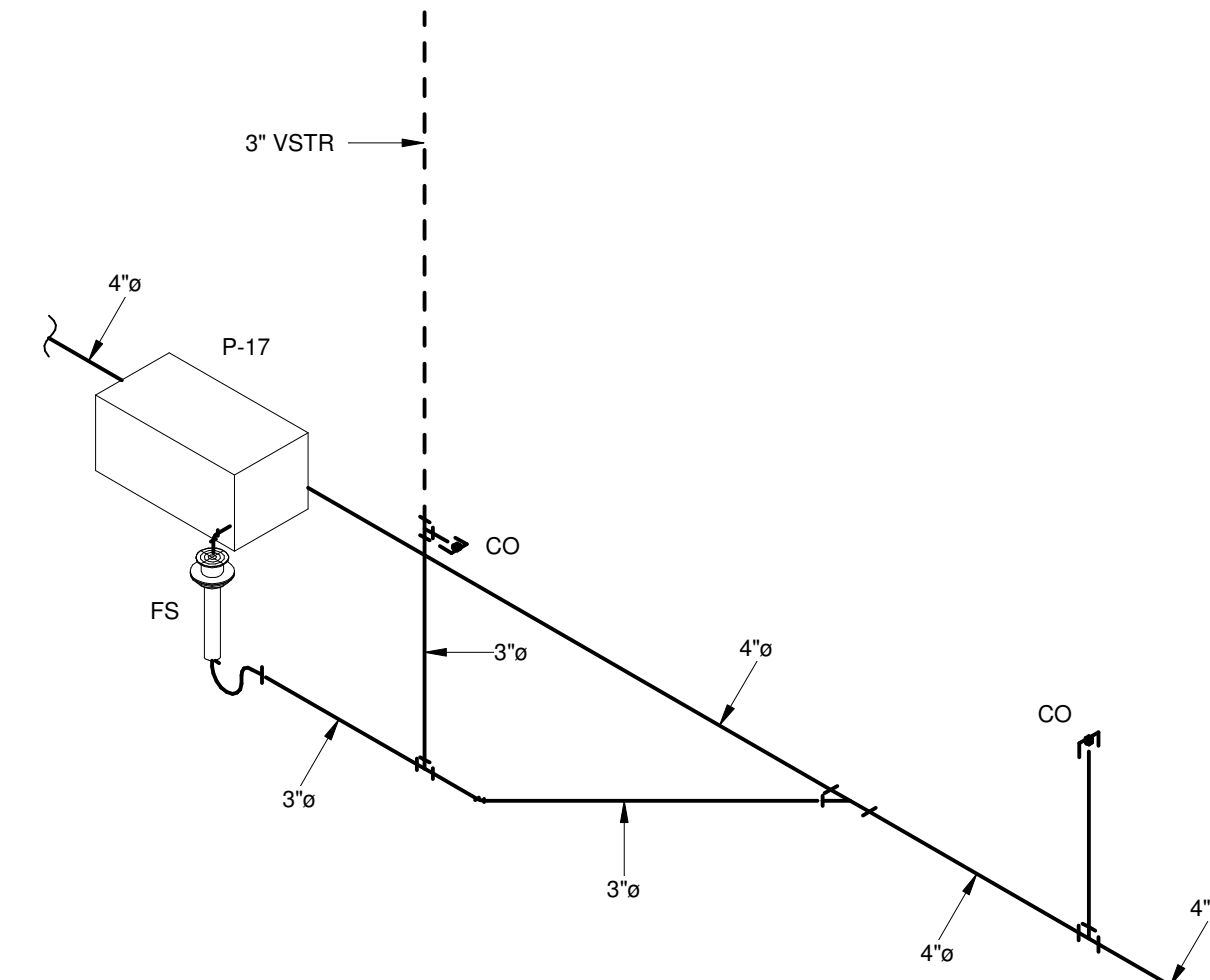
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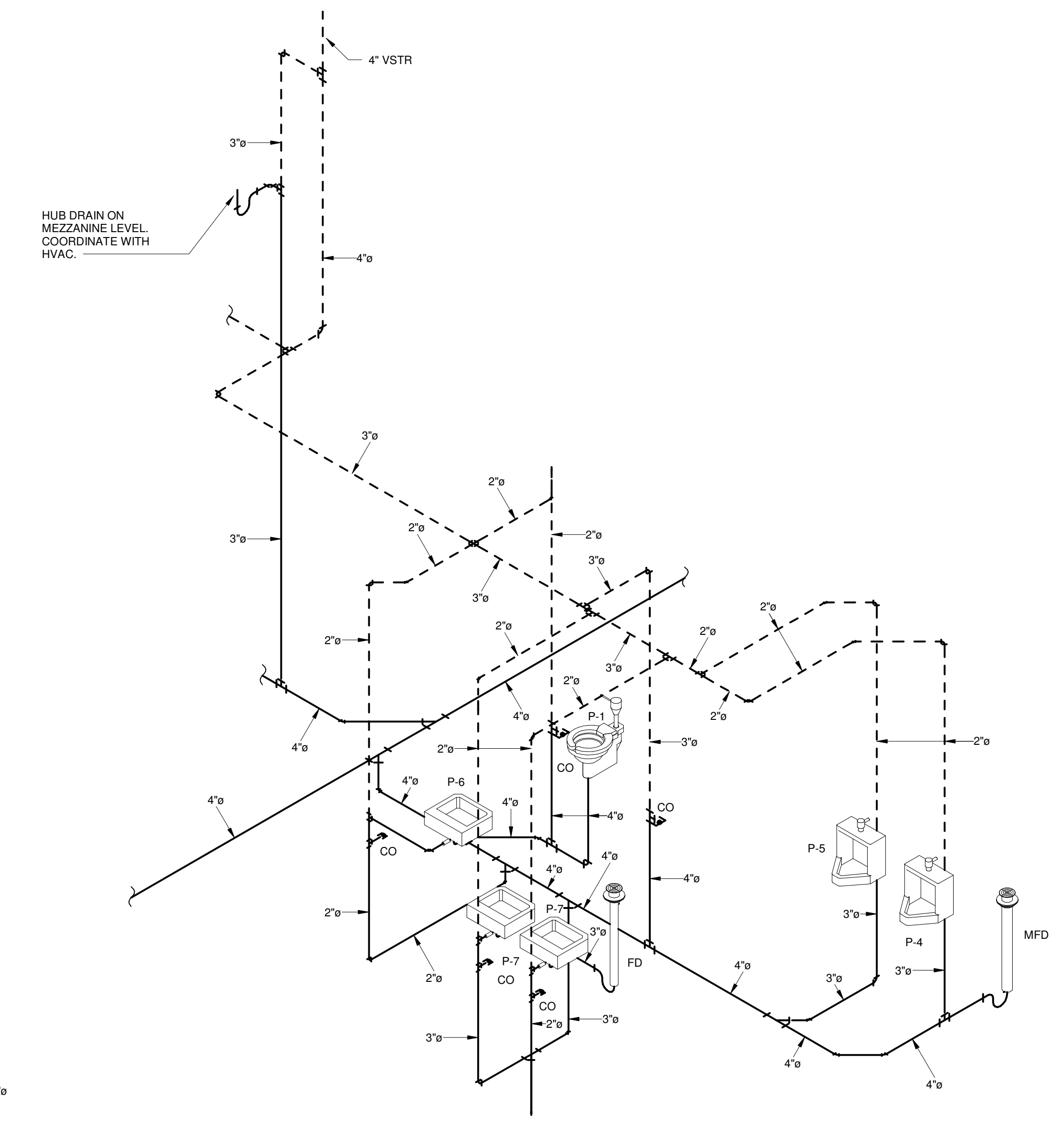
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3 SANITARY RISER - S1



4 SANITARY RISER - S4



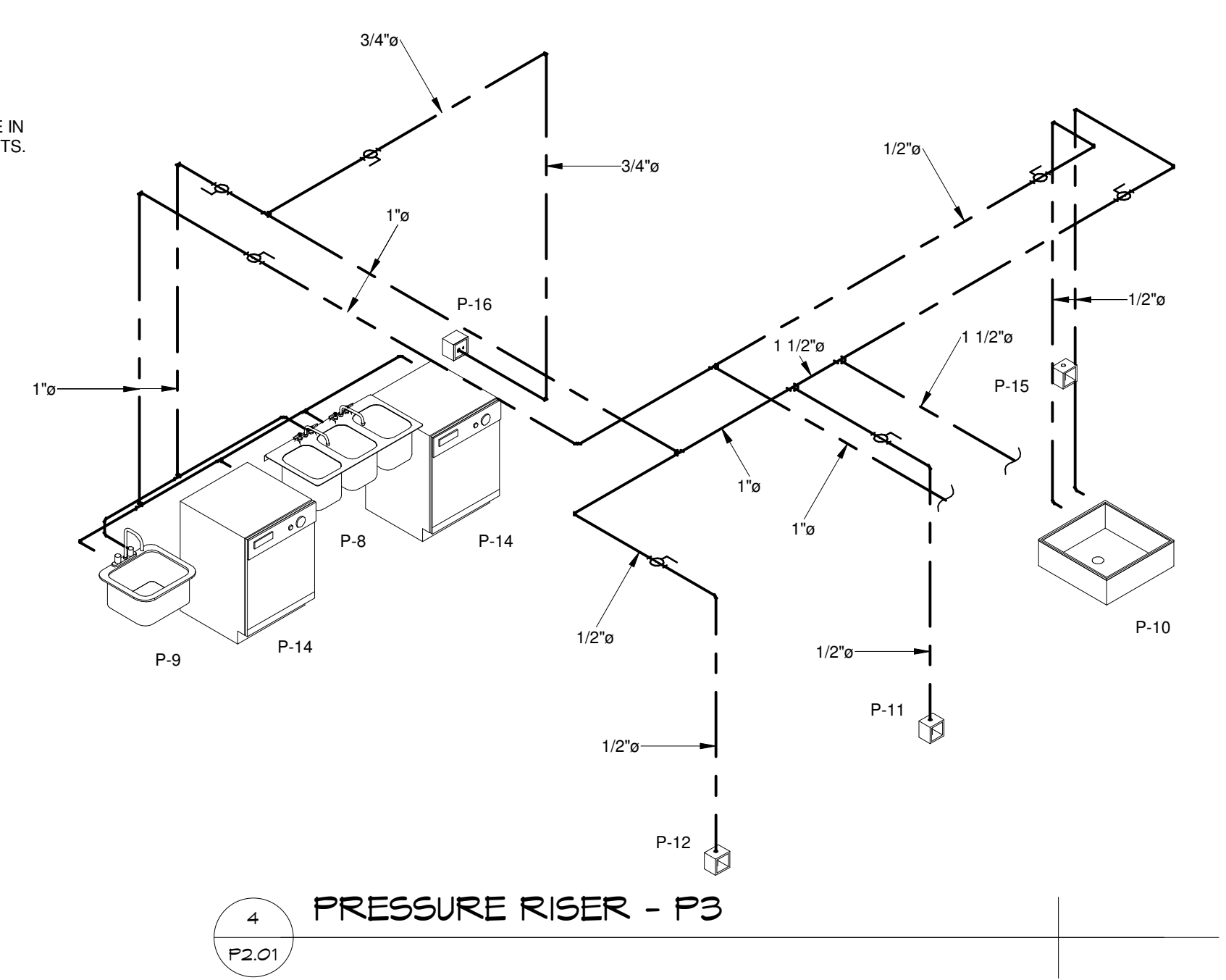
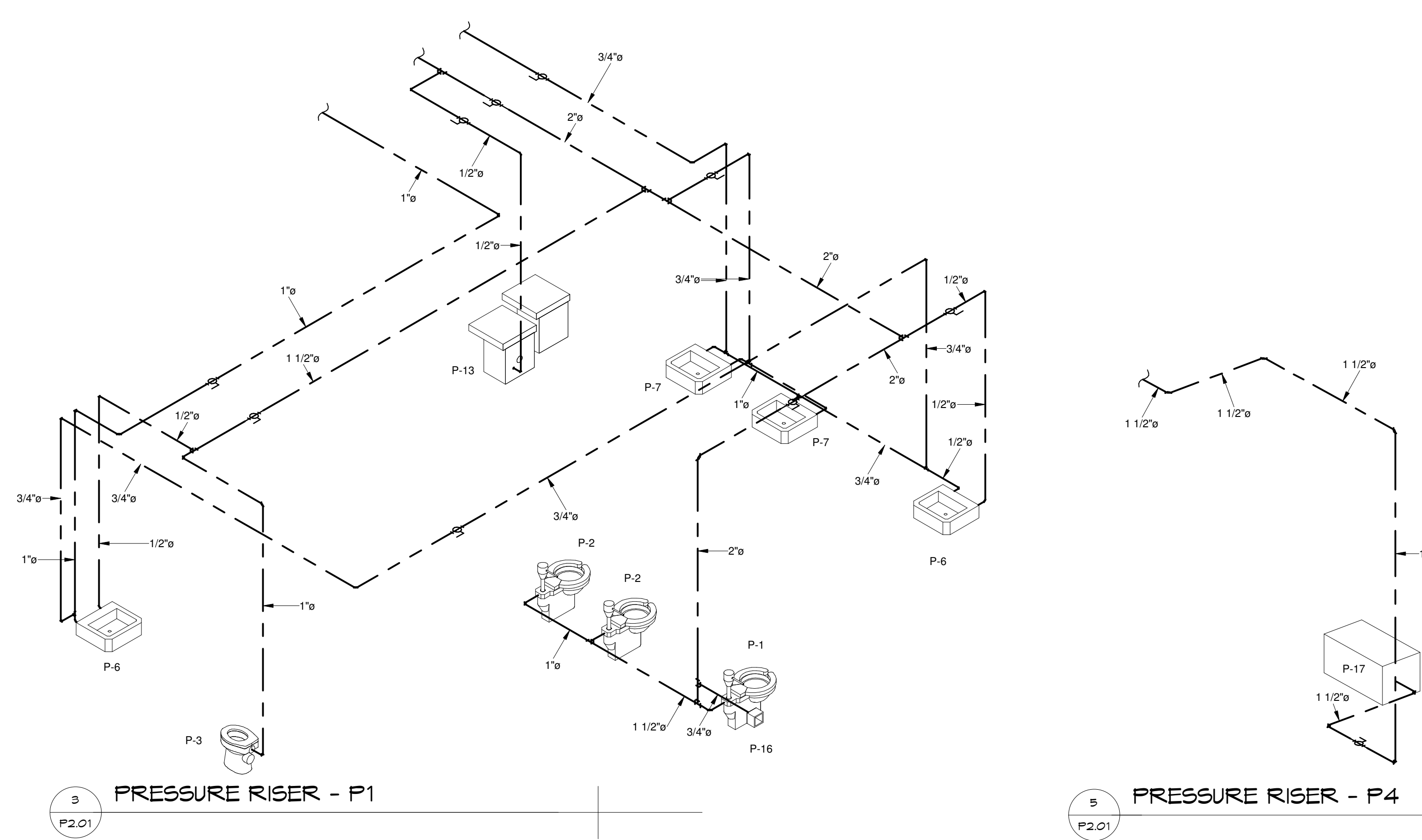
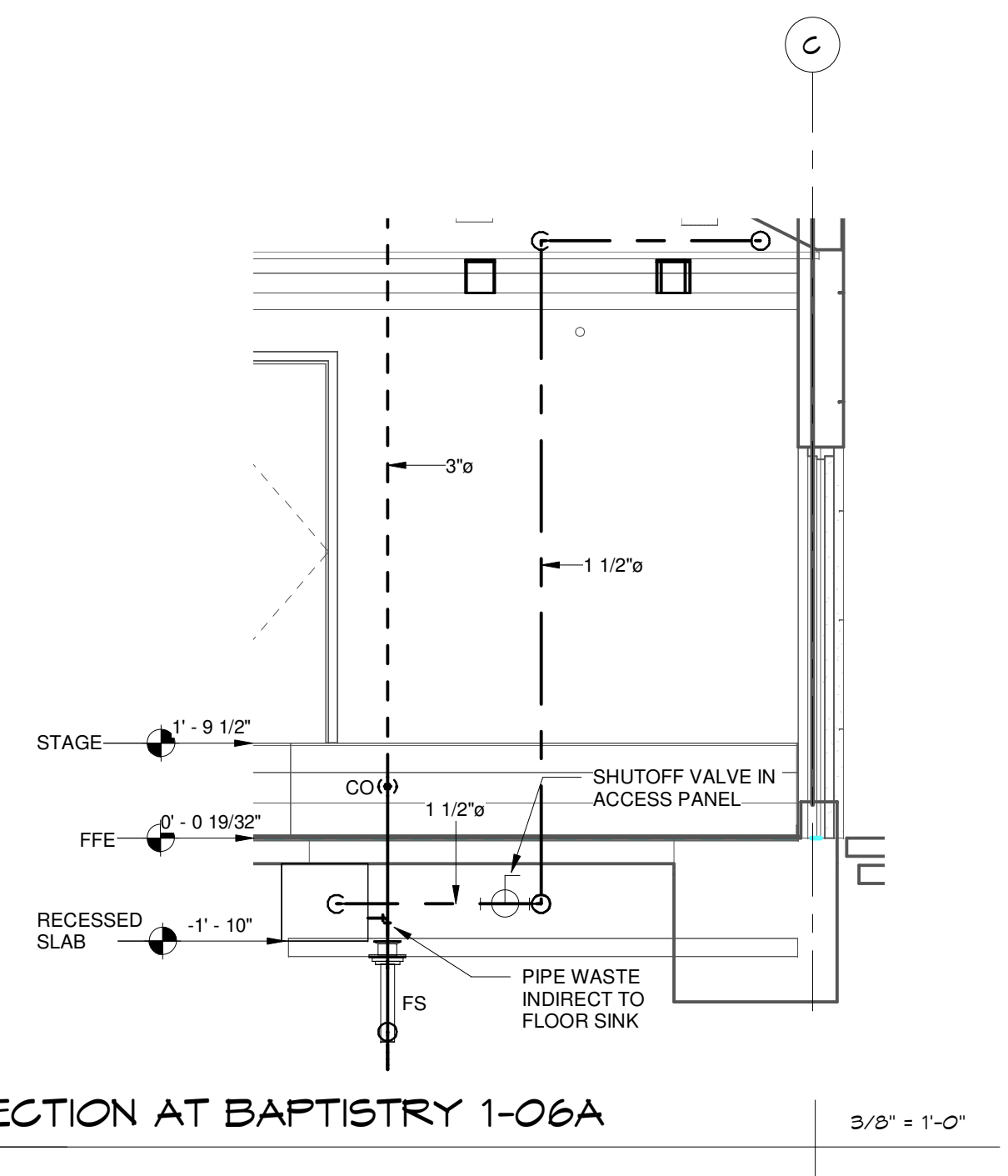
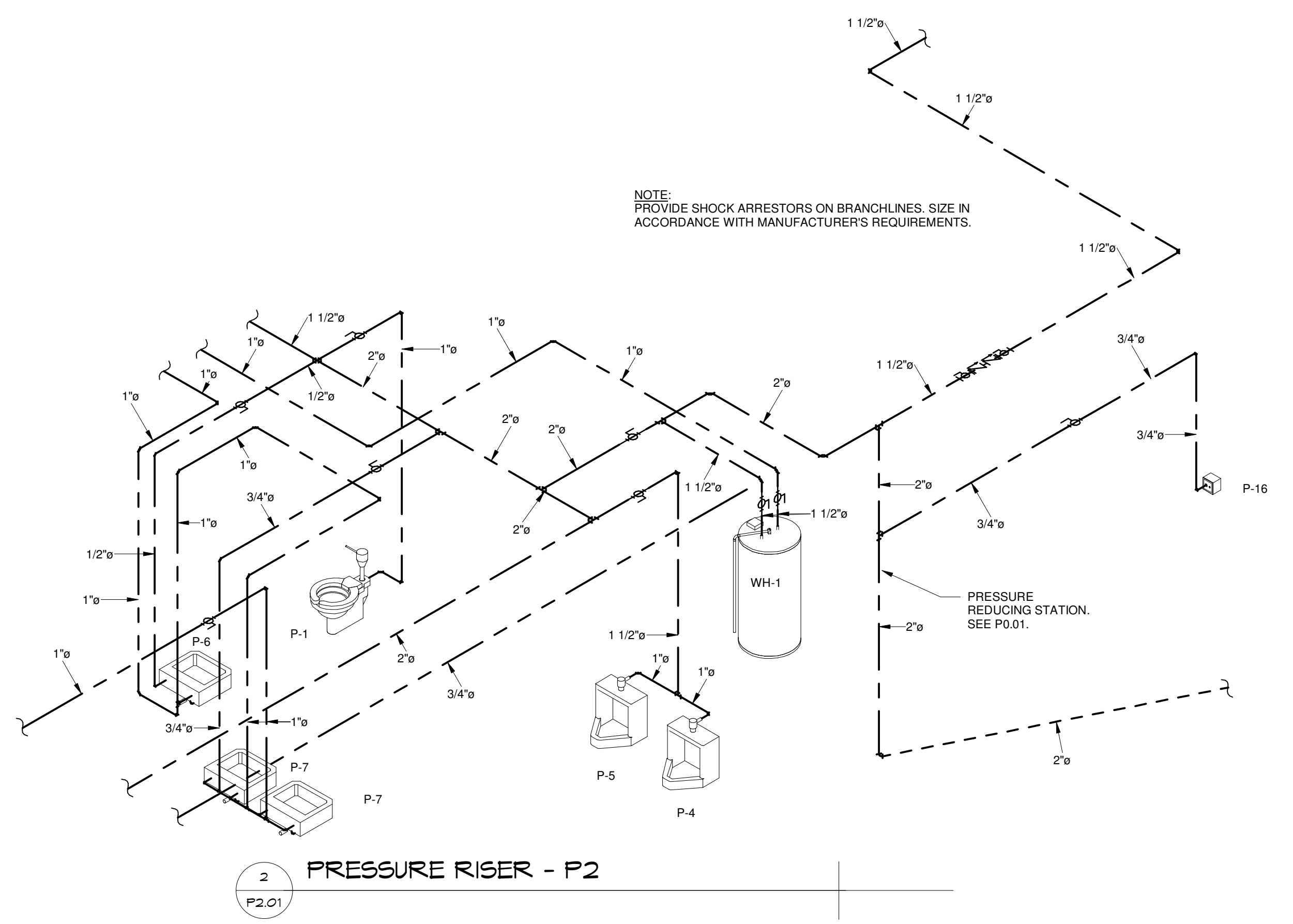
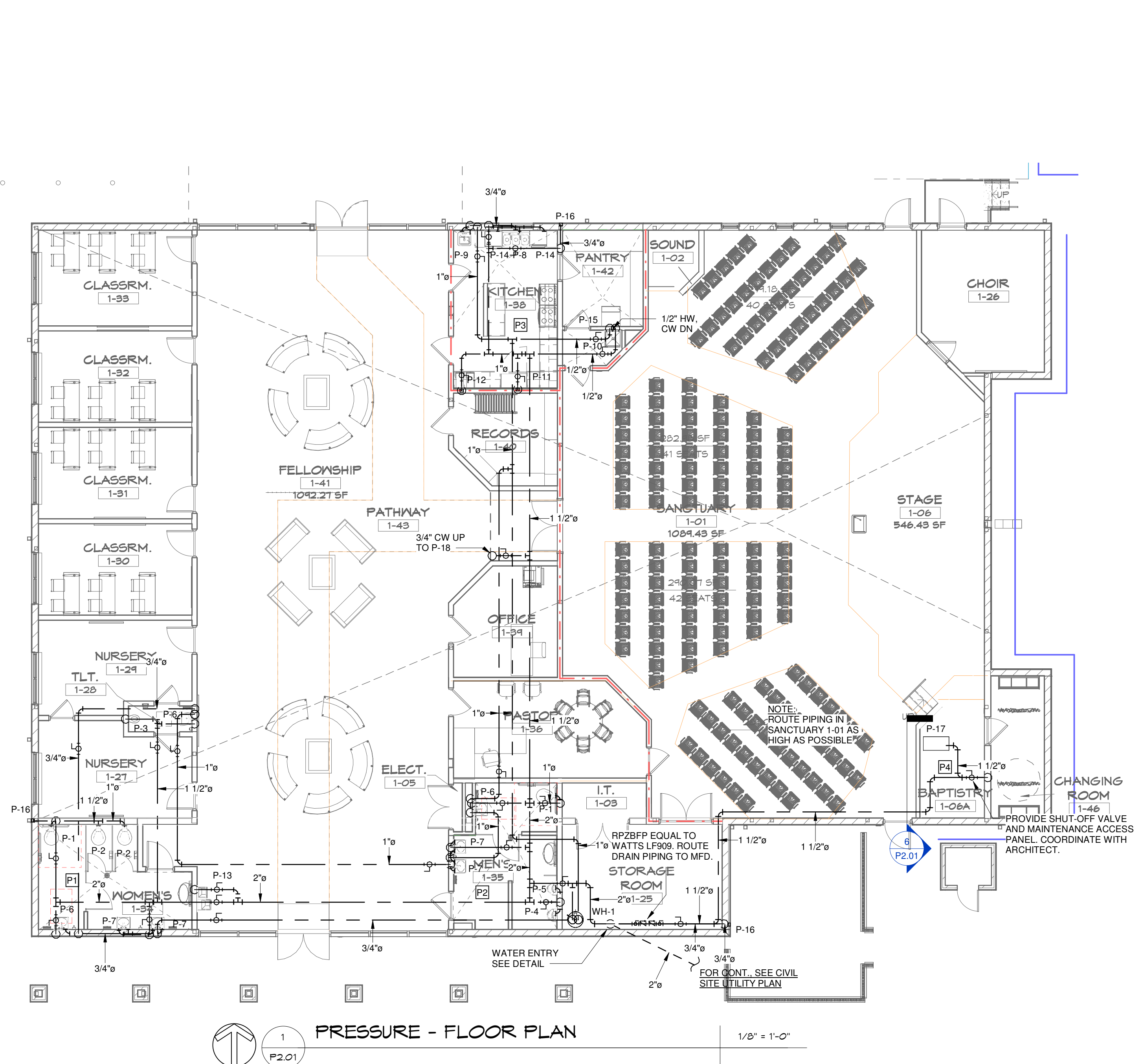
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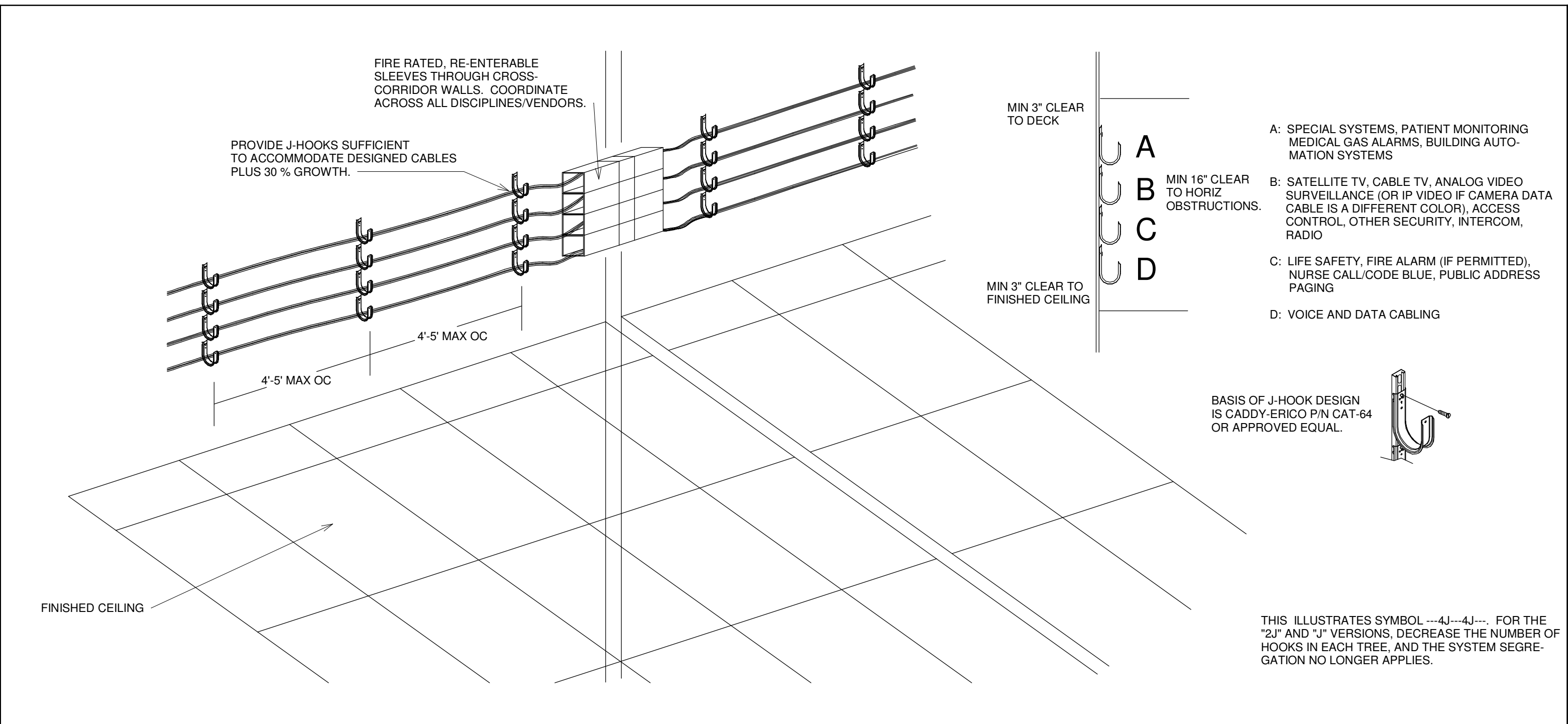
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SHEET TITLE:
NON-PRESSURE - FLOOR PLANS

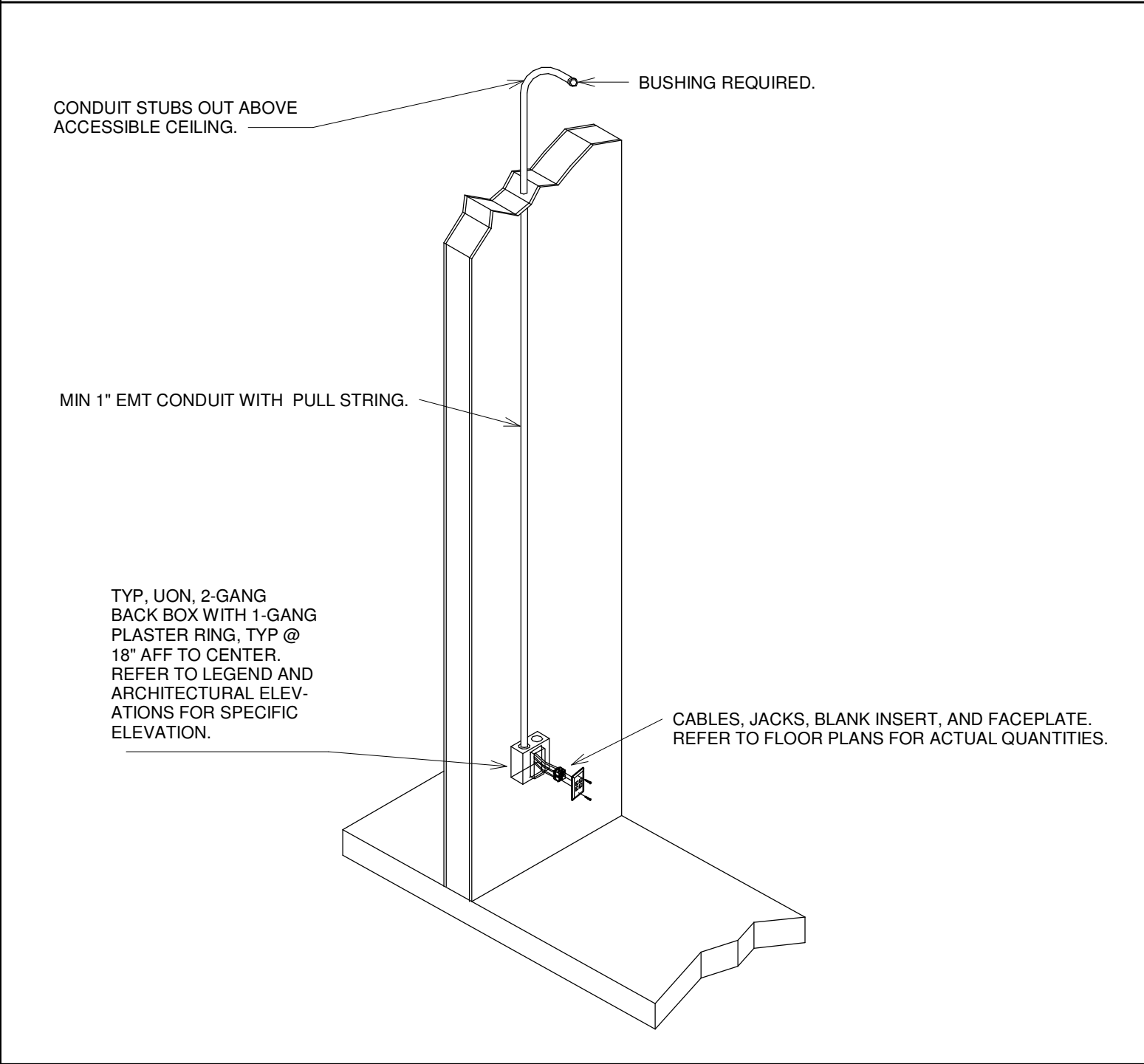
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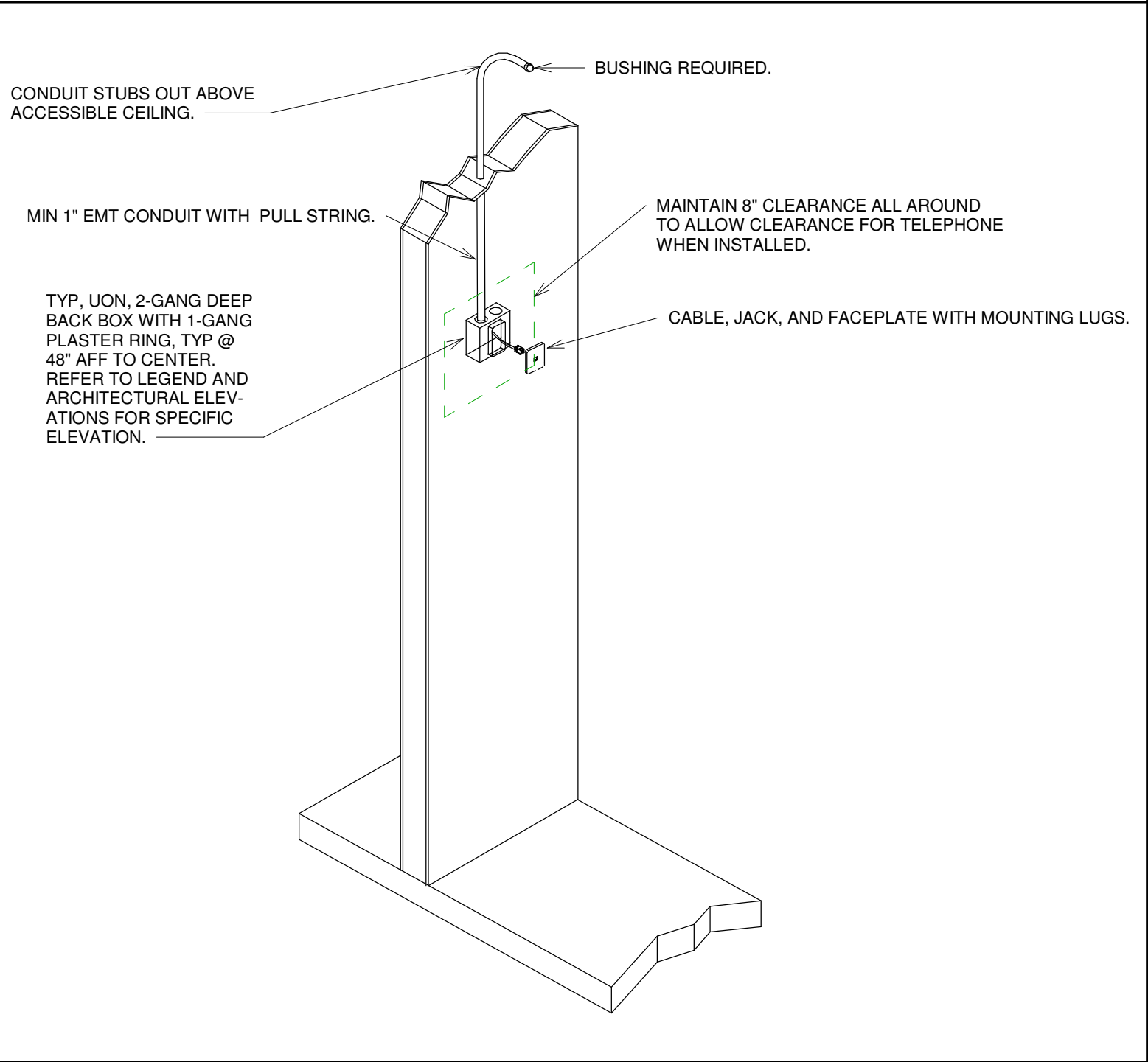
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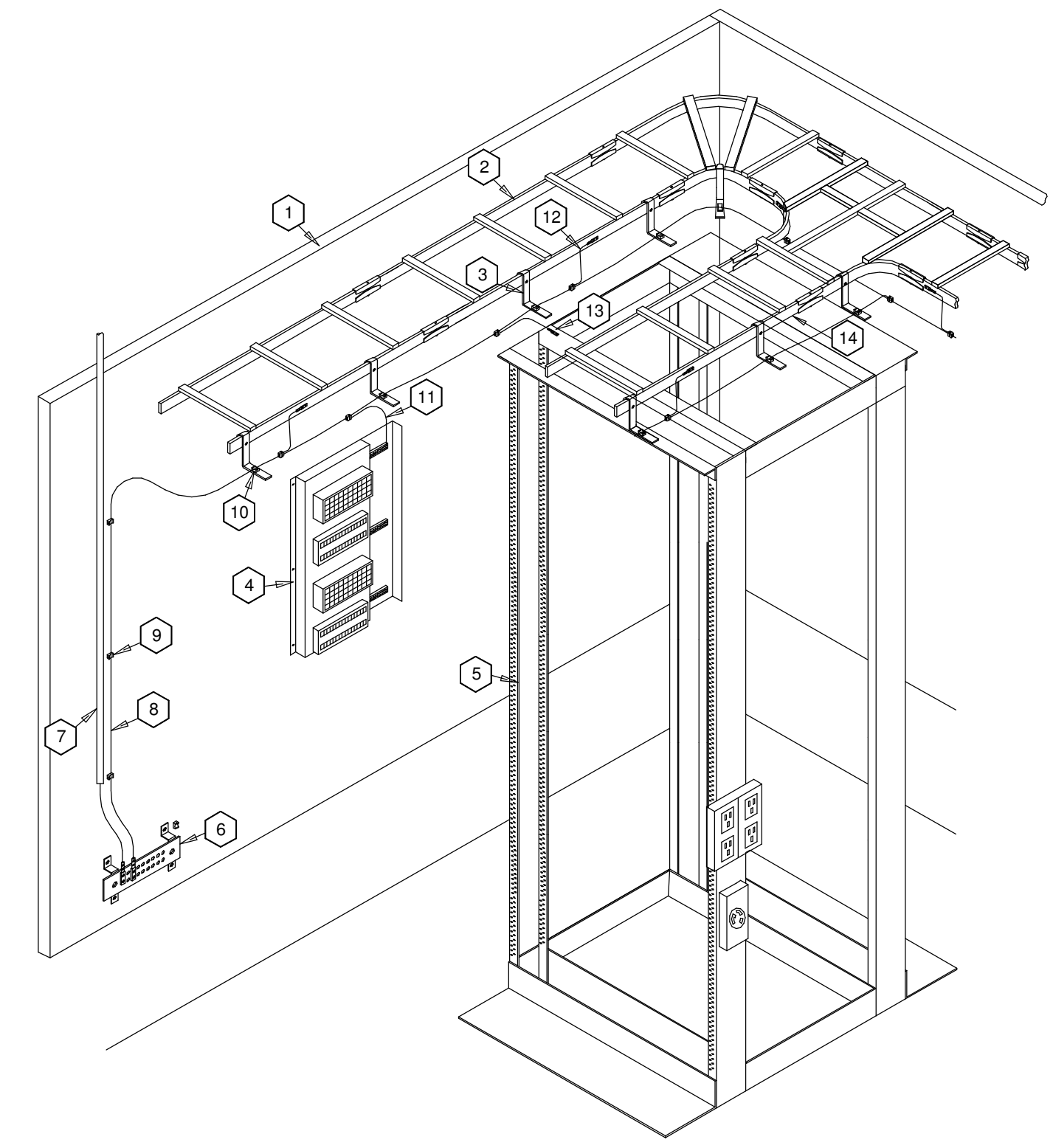
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NOT TO SCALE



SC 003: (VOICE)/DATA OUTLET ROUGH-IN
NOT TO SCALE



SC 004 WALL TELEPHONE OUTLET ROUGH-IN
NOT TO SCALE



- DETAIL KEYED NOTES:
1. TYPICAL SECTIONS OF 3/4" FIRE RATED AC PLYWOOD MOUNTED SECURELY TO WALLS. SEE ENLARGEMENTS AND ELEVATIONS.
 2. TYPICAL SECTIONS OF 12" LADDER CABLE TRAY MOUNTED TO PLYWOOD WITH SHELF BRACKETS.
 3. TYPICAL CABLE RUNWAY "L" BRACKET, ATTACHED TO CABLE TRAY.
 4. TYPICAL TELECOM OUTSIDE PLANT (OSP) PROTECTOR (TVSS) EQUIPMENT FRAME. REQUIRED FOR ANY METALLIC CABLE (CONDUCTORS OR SHEATHING) ENTERING BUILDING FROM EXTERIOR.
 5. TYPICAL FOUR (4) POST RACK SHOWN. REFER TO FLOOR PLANS, NOTES, ENLARGEMENTS, AND ELEVATIONS TO KNOW QUANTITY AND TYPE (2-POST, 4-POST, FLOOR MOUNTED ENCLOSURE, WALL MOUNTED RACK, ETC).
 6. TYPICAL TELECOMMUNICATIONS (MAIN) GROUNDING BUSBAR (TMGB OR TGB), PANDUIT GB2B0306TP1-1, OR EQUAL.
 7. TYPICAL MIN 1" CONDUIT WITH BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT) FROM BUILDING MAIN ELECTRICAL SERVICE GROUND CONNECTION POINT. MIN #30 AWG COPPER. ATTACH TO "TMGB" USING TWO-HOLE (5/8" SPACING) LONG BARREL COMPRESSION LUGS WITH TWO INDENTS.
 8. TYPICAL #2 THHN GREEN COMMON BONDING NETWORK CONDUCTOR (CBN). CONNECT TO "TMGB" USING TWO-HOLE (5/8" SPACING) LONG BARREL COMPRESSION LUGS WITH TWO INDENTS (PANDUIT #LCC2-14AW-Q, OR EQUAL).
 9. TYPICAL ATTACH "CBN" TO TERMINAL BOARD USING NYLON CABLE TIE MOUNT (PANDUIT #TMEH-S10-QO, OR EQUAL) WITH SCREW AND PANDUIT #PLT1.5S-C CABLE TIE.
 10. TYPICAL ATTACH "CBN" TO "L" BRACKETS USING NYLON CABLE TIE MOUNT (PANDUIT #TMEH-S10-QO, OR EQUAL) WITH 10/24 BOLT AND PANDUIT #PLT1.5S-C CABLE TIE.
 11. TYPICAL #6 THHN GREEN BONDING JUMPER FROM "CBN" TO "OSP" GROUNDING BUSBAR. CONNECT TO "CBN" USING PANDUIT #HTAP" CABLE SPLICE #HCT2-2-1 WITH CLEAR PLASTIC COVER #CLRCVR2-1.
 12. TYPICAL #6 THHN GREEN BONDING JUMPER FROM "CBN" TO EVERY SECTION OF CABLE TRAY. ATTACH TO CABLE TRAY USING TWO-HOLE (5/8" SPACING) LONG BARREL COMPRESSION LUGS WITH TWO INDENTS (PANDUIT #LCC2-14JAW-L OR EQUAL) MOUNTED TO SIDE OF TRAY USING 1/4-20 BOLTS. SCRAPE PAINT FROM SIDE OF TRAY PRIOR TO INSTALLATION. ATTACH TO "CBN" USING PANDUIT #HTAP" CABLE SPLICE #HCT2-2-1 WITH CLEAR PLASTIC COVERS #CLRCVR2-1.
 13. TYPICAL #6 THHN GREEN BONDING JUMPER FROM "CBN" TO EQUIPMENT FRAME. ATTACH TO FRAME USING TWO-HOLE (5/8" SPACING) LONG BARREL COMPRESSION LUGS WITH TWO INDENTS (PANDUIT #LCC2-14JAW-L OR EQUAL) MOUNTED TO 1/4-20 BOLTS. ATTACH TO "CBN" USING PANDUIT #HTAP" CABLE SPLICE #HCT2-2-1 WITH CLEAR PLASTIC COVER #CLRCVR2-1. WHILE INDICATED IN TWO PLACES, ONLY ONE IS REQUIRED WHERE MOST PRACTICAL AND CLEAR OF EQUIPMENT.
 14. TYPICAL SECTIONS OF 12" LADDER CABLE TRAY MOUNTED TO WALL MOUNTED LADDER TRAY WITH EXTENSION TO FREE STANDING RACKS.

SC 013 - TYPICAL GROUNDING & BONDING IN TELECOMMUNICATIONS ROOM / EQUIPMENT ROOMS
NOT TO SCALE

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SCALE:

CONSTRUCTION DOCUMENTS

SCALE: 1/8" = 1'-0"	DATE: 02/20/23
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SHEET TITLE:
TELECOMM DETAILS

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THROUGH PENETRATION FOR NON FIRE-RATED GYPSUM OR CONCRETE WALL

THROUGH PENETRATION FOR NON FIRE-RATED CONCRETE FLOOR

GENERAL NOTES:
 A. THIS DETAIL SHOULD NOT BE USED FOR FIRE-RATED WALL THROUGH PENETRATION ASSEMBLIES.
 B. REFER TO PRODUCT LITERATURE FROM SLEEVE MANUFACTURER FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
 C. THIS DETAIL REPRESENTS GENERAL INSTALLATION GUIDELINES TO MEET SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE. OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.
 D. INSTALLED SLEEVES MAY BE EITHER 2" OR 4" DIAMETERS. REFER TO FLOOR PLAN FOR SIZE REQUIREMENTS.

TWO-SIDED APPLICATIONS

ONE-SIDED APPLICATIONS

LIMITATIONS:
 • HILTI CP-506 SMOKE AND ACOUSTIC SEALANT MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
 • NOT FOR FIRE-RATED ASSEMBLIES.
 • NOT FOR USE WITH CPVC PIPING.
 • REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
 • FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
 • THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2003, 2006, OR 2009). OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.

ANSI/UL 1479 (ASTM E814) F RATINGS - 1 AND 2 HR (SEE ITEM 1) T RATINGS - 0, 3/4, AND 1 HR (SEE ITEMS 2 AND 3) L RATING AT AMBIENT - SEE ITEM 4 L RATING AT 400F - SEE ITEM 4	CANULC S115 F RATINGS - 1 AND 2 HR (SEE ITEM 1) T RATINGS - 0, 3/4, AND 1 HR (SEE ITEMS 2 AND 3) FH RATINGS - 1 AND 2 HR (SEE ITEM 1) FTH RATINGS - 0, 3/4, AND 1 HR (SEE ITEMS 2 AND 3) L RATING AT AMBIENT - SEE ITEM 4 L RATING AT 400F - SEE ITEM 4
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NOTES:
 1. WALL ASSEMBLY - THE 1 OR 2 HOUR FIRE RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED WITHIN THE INDIVIDUAL U300, L400, V400, OR W400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCORPORATE THE FOLLOWING CONSTRUCTION FEATURES:
 A. STUDS - WALL FRAMING SHALL CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2" BY 4" LUMBER SPACED MAX 15" OC. STEEL STUDS TO BE MIN 3-1/2" WIDE AND SPACED MAX 24" OC.
 B. GYPSUM BOARD - NOM 5/8" THICK GYPSUM BOARD AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. OPENING IN GYPSUM BOARD TO BE MAX 8" DIAM FOR 4" DEVICE AND MAX 6" DIAM FOR 2" DEVICE. THE HOURLY F AND FTH RATINGS OF THE FIRESTOP SYSTEM ARE DEPENDENT UPON THE HOURLY RATING OF THE WALL IN WHICH IT IS INSTALLED.
 2. CABLES - WITHIN THE LOADING AREA FOR EACH FIRESTOP DEVICE, THE AGGREGATE CROSS-SECTIONAL AREA OF CABLES TO BE MIN 90% TO MAX 80% FILL. CABLES TO BE TIGHTLY BUNDLED WITHIN THE DEVICE AND RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. ANY COMBINATION OF THE FOLLOWING TYPES OF CABLES MAY BE USED:
 A. MAX 100 PAIR NO. 24 AWG (OR SMALLER) COPPER CONDUCTOR TELECOMMUNICATION CABLE WITH PVC JACKETING AND INSULATION.
 B. MAX 7/16" NO. 12 AWG COPPER CONDUCTOR CONTROL CABLE WITH PVC OR XLPE JACKET AND INSULATION.
 C. MAX 4/0 AWG TYPE RHH GROUND CABLE.
 D. MAX 4 PR NO. 22 AWG CAT 5 OR CAT 6 COMPUTER CABLES.
 E. MAX RG 6/4 COAXIAL CABLE WITH FLUORINATED ETHYLENE INSULATION AND JACKETING.
 F. FIBER OPTIC CABLE WITH PVC OR PE JACKET AND INSULATION HAVING A MAX DIAMETER OF 1/2".
 G. MAX 3/2" NO. 12 AWG MC CABLE.
 FOR OPENING WITH CABLES, WHEN THE HOURLY RATING OF THE WALL ASSEMBLY IS 1 HR, THE T, FT, AND FTH RATINGS ARE 0 HR. FOR OPENING WITH CABLES, WHEN THE HOURLY RATING OF THE WALL ASSEMBLY IS 2 HR, THE T, FT, AND FTH RATINGS ARE 1 H EXCEPT THAT WHEN ITEM 2C IS USED, THE T, FT, AND FTH RATINGS ARE 3/4 HR.
 3. FIRESTOP DEVICE - FIRESTOP DEVICE CONSISTS OF A CORRUGATED STEEL TUBE WITH A FLANGE AT EACH END THAT IS SPUN CLOCKWISE ONTO DEVICE THREADS, BUTTING TIGHTLY TO BOTH SIDES OF WALL. EACH FLANGE IS SECURED TO FACE OF WALL WITH MIN FOUR NO. 10 BY 1-1/2" STEEL LAMINATING SCREWS THROUGH PREPUNCHED HOLES IN FLANGE. DEVICE IS DESIGNED TO ALLOW INSTALLATION BEFORE OR AFTER THE CABLE PENETRANTS ARE IN PLACE. DEVICE SLID NOT WALL SUCH THAT ENDS PROJECT AN EQUAL DISTANCE FROM THE APPROXIMATE CENTERLINE OF THE WALL ASSEMBLY. THE ANNULAR SPACE BETWEEN THE DEVICE AND THE PERIPHERY OF THE OPENING SHALL BE MIN 0" TO MAX 2". FOR BLANK OPENINGS (NO CABLES) IN 2 HR RATED WALLS, T, FT, AND FTH RATINGS FOR THE FIRESTOP SYSTEM ARE 1 HR. FOR BLANK OPENINGS (NO CABLES) IN 1 HR RATED WALLS, T, FT, AND FTH RATINGS FOR THE FIRESTOP SYSTEM ARE 0 HR.
 HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CFS-SL 2" AND 4" FIRESTOP SLEEVE
 4. FILL, VOID, OR CAVITY MATERIAL - PLUG - NOM 2" OR 4" PLUG SIZED FOR THE FIRESTOP DEVICE (ITEM 3). FRICTION FIT WITHIN THE SLEEVE FLUSH WITH THE END OF THE SLEEVE ON BOTH SIDES OF THE WALL ASSEMBLY. PLUG CUT TO FIT AROUND THE CABLE BUNDLE AND INSTALLED TIGHTLY WITHIN THE SLEEVE.
 HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CFS-PL FIRESTOP PLUG

	CFM (PER DEVICE)		CFM (PER DEVICE)	
	AMBIENT	400°F	AMBIENT	400°F
BLANK OPENING (NO CABLES)	1.3	1.1	3.8	3.0
MAX 33% AGGREGATE CABLE FILL	2.8	1.2	8.1	3.3

DRAWING NO. **TP-506-1b**

HILTI Hilti Firestop Systems

SC 028 - PENETRATIONS FOR NON FIRE-RATED SMOKE BARRIERS - SLEEVE

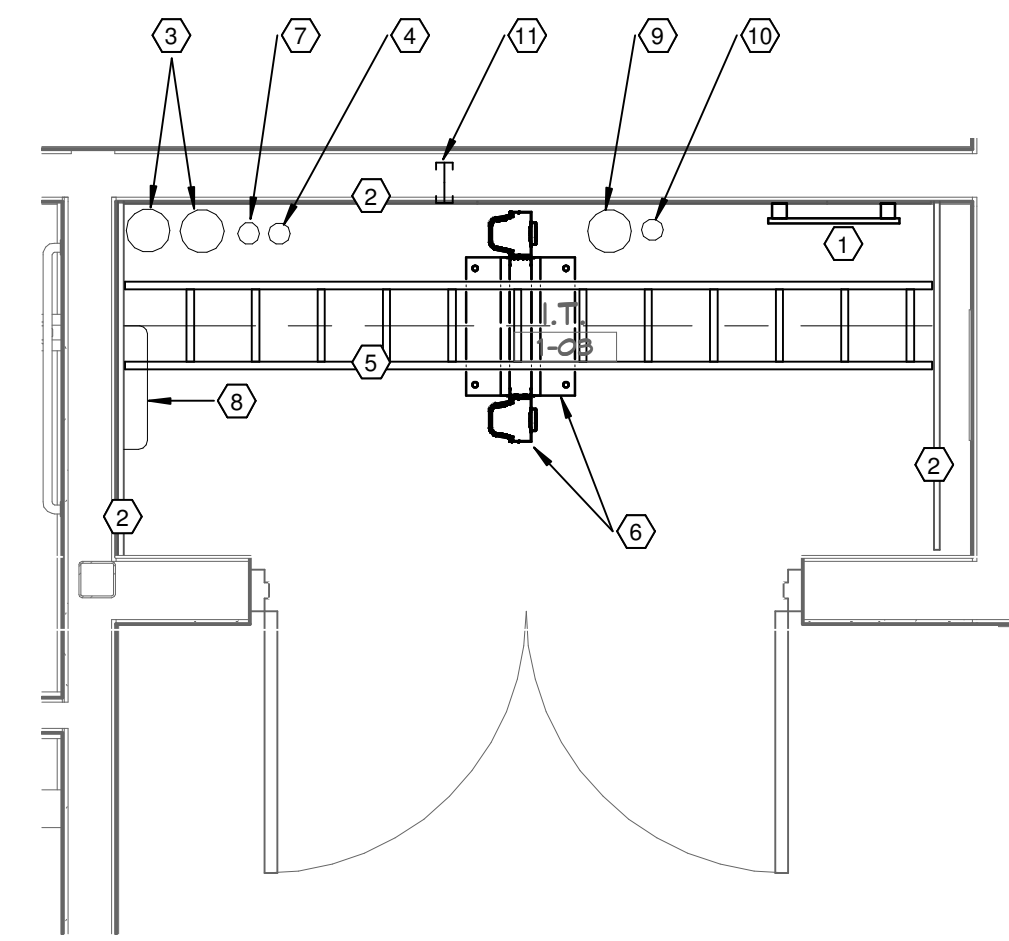
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SC 029 - PENETRATIONS FOR NON FIRE-RATED SMOKE BARRIERS - SEALANT

NOT TO SCALE

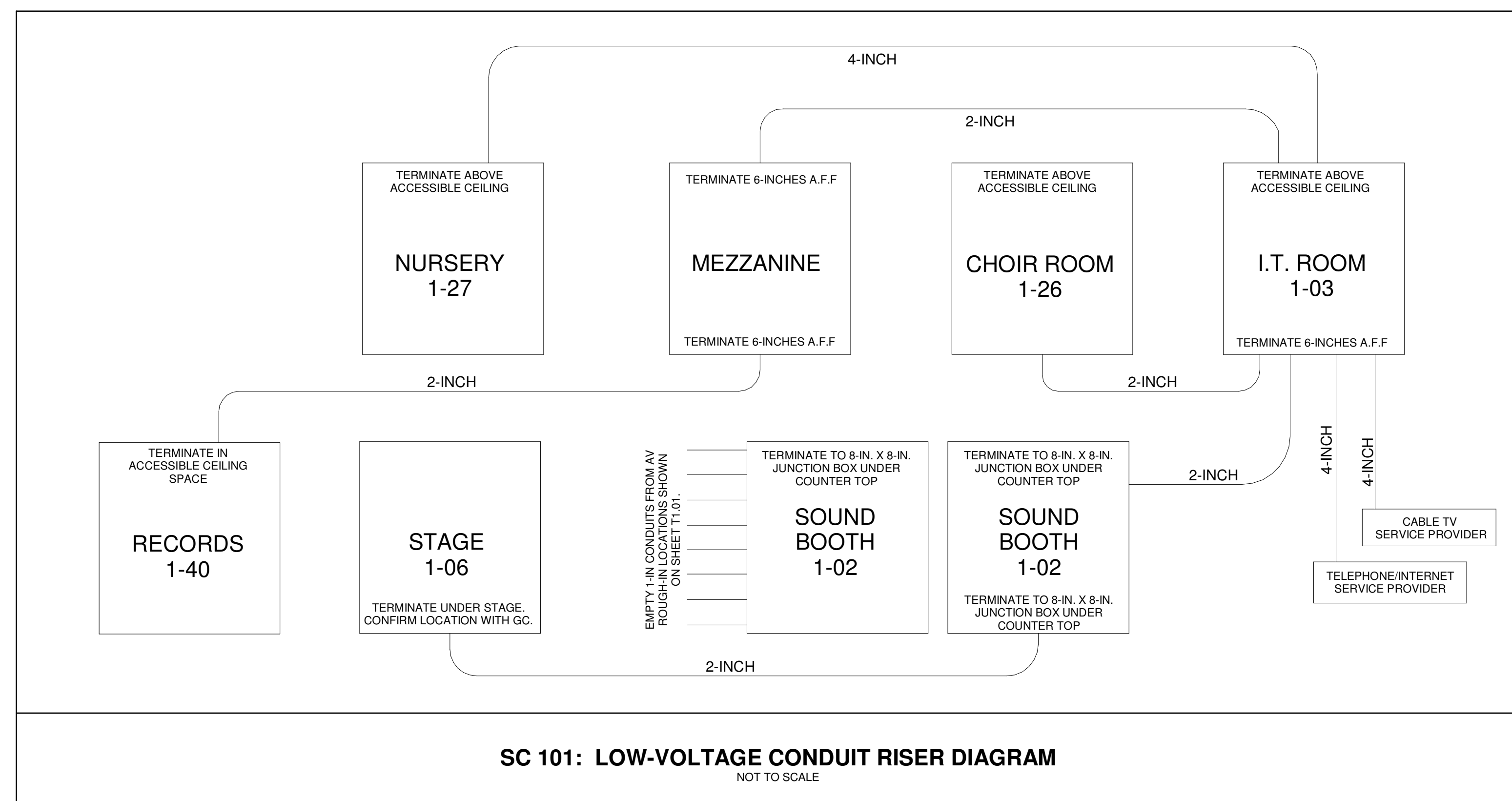
SC 030: FIRE/SMOKE RATED SPLIT SLEEVE

NOT TO SCALE




1 I.T. ROOM ENLARGEMENT
T0.03 1/2" = 1'-0"

- SHEET NOTES: ○
1. TELECOM MAIN GROUNDING BUS BAR (TMGB): MOUNT AT 24" A.F.F. BOND TO ELECTRIC SERVICE DISTRIBUTION PANEL IN ELECTRICAL 1-05 WITH #4 AWG.
 2. CONTRACTOR SHALL LINE THREE WALLS OF I.T. ROOM WITH 3/4-INCH X 4' X 8' FIRE-RATED PLYWOOD BACKBOARD. INSTALL SMOOTH SIDE TO INTERIOR OF ROOM AND WITH LONG DIMENSION VERTICAL. BOTTOM OF BACKBOARDS SHALL BE AT 6-INCHES A.F.F. PAINT BACKBOARDS WITH LIGHT-COLOR (WHITE) PAINT. DO NOT PAINT OVER A MINIMUM OF (1) FIRE RATING STAMP PER BACKBOARD, WHICH SHALL BE IN A CONSPICUOUS AND INSPECTABLE LOCATION.
 3. CONTRACTOR SHALL PROVIDE (2) EMPTY 4-INCH COMMUNICATIONS CONDUITS TO SERVICE PROVIDER ROLE AND/OR PEDESTAL LOCATION ON SITE. CONFIRM CONDUIT PLACEMENT AND ROUTING WITH THE TELEPHONE AND CABLE TV SERVICE PROVIDERS. STUB CONDUITS A MINIMUM OF 6-INCHES A.F.F. IN I.T. ROOM. PROVIDE PULL STRINGS IN EACH CONDUIT. REFERENCE SITE PLAN, SHEET T0.01 FOR DETAILS.
 4. CONTRACTOR SHALL PROVIDE (1) 2-INCH CONDUIT TO SOUND BOOTH. IN THE I.T. ROOM, STUB CONDUIT A MINIMUM OF 6-INCHES A.F.F. IN THE AV BOOTH, TERMINATE CONDUIT INTO A FLUSH, 8-INCH X 8-INCH JUNCTION BOX THAT IS MOUNTED UNDER THE COUNTER. PROVIDE PULL STRING IN THIS CONDUIT. CONFIRM FINAL LOCATION OF JUNCTION BOX WITH OWNER OR OWNER'S AV CONTRACTOR PRIOR TO INSTALLATION.
 5. 12-INCH LADDER RACK MOUNTED AT 8'-0" A.F.F.
 6. 7' X 19-INCH TWO-POST RACK WITH VERTICAL CABLE MANAGEMENT DUCT AT EACH SIDE.
 7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT TO CHAIR ROOM 1-26. TERMINATE ABOVE ACCESSIBLE CEILING IN CHAIR ROOM AND PROVIDE BUSHINGS AT EACH END. IN THE I.T. ROOM, STUB THIS CONDUIT A MINIMUM OF 6-INCHES A.F.F. PROVIDE PULL STRING IN THIS CONDUIT.
 8. WALL MOUNTED MINI-SPLIT HVAC UNIT.
 9. CONTRACTOR SHALL PROVIDE A 4-INCH CONDUIT TO NURSERY 1-27. IN THE I.T. ROOM AND THE NURSERY, TERMINATE CONDUIT ABOVE ACCESSIBLE CEILING SPACES. PROVIDE PULL STRING IN THIS CONDUIT. PROVIDE PROTECTIVE BUSHINGS AT EACH END OF THIS CONDUIT.
 10. CONTRACTOR SHALL PROVIDE A 2-INCH CONDUIT TO THE MEZZANINE. IN THE I.T. ROOM, TERMINATE CONDUIT ABOVE ACCESSIBLE CEILING SPACE. IN THE MEZZANINE, TERMINATE CONDUIT A MINIMUM OF 6-INCHES A.F.F. PROVIDE PULL STRING IN CONDUIT. PROVIDE PROTECTIVE BUSHINGS AT EACH END OF THIS CONDUIT.
 11. 4-INCH UL-LISTED COMMUNICATIONS CABLE SLEEVE ASSEMBLY, BASIS OF DESIGN: SPECIFIED TECHNOLOGIES EZ PATH OR EQUIVALENT FROM 3M, HILTI AND ITS UNQUE.



- SC 101 DETAIL NOTES:
- SC 101 A. DIAGRAM IS FOR GENERAL REFERENCE AND IS DIAGRAMATIC IN NATURE. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE ACTUAL ROUTING AND INSTALLATION OF ALL LOW-VOLTAGE CONDUITS WITH ALL TRADES.
 - SC 101 B. ALL CONDUITS SHALL CONTAIN A CONTINUOUS PULL STRING.
 - SC 101 C. CONDUIT RUNS SHALL HAVE NO MORE THAN TWO, 90 DEGREE BENDS.
 - SC 101 D. CONDUIT RUNS GREATER THAN 100' SHALL HAVE AN 8-INCH SQUARE JUNCTION (PULL) BOX INSTALLED IN AN ACCESSIBLE LOCATION. JUNCTION BOX SHALL HAVE A LID THAT IS SECURED WITH SCREWS.
 - SC 101 E. ALL CONDUITS SHALL HAVE PROTECTIVE PLASTIC BUSHINGS WHERE TERMINATED ABOVE FLOORS OR ABOVE ACCESSIBLE CEILINGS.
 - SC 101 F. SOUND BOOTH 1-02 CONDUITS SHALL TERMINATE IN FLUSH MOUNTED, 8-INCH SQUARE JUNCTION BOX(ES) MOUNTED BELOW THE COUNTER TOP. CONFIRM EXACT LOCATION WITH OWNER OR OWNER'S AV CONTRACTOR PRIOR TO INSTALLATION.
 - SC 101 G. CONTRACTOR SHALL COORDINATE SERVICE PROVIDER CONDUIT INSTALLATIONS WITH RESPECTIVE TELEPHONE/INTERNET/CABLE TV SERVICE PROVIDER(S).


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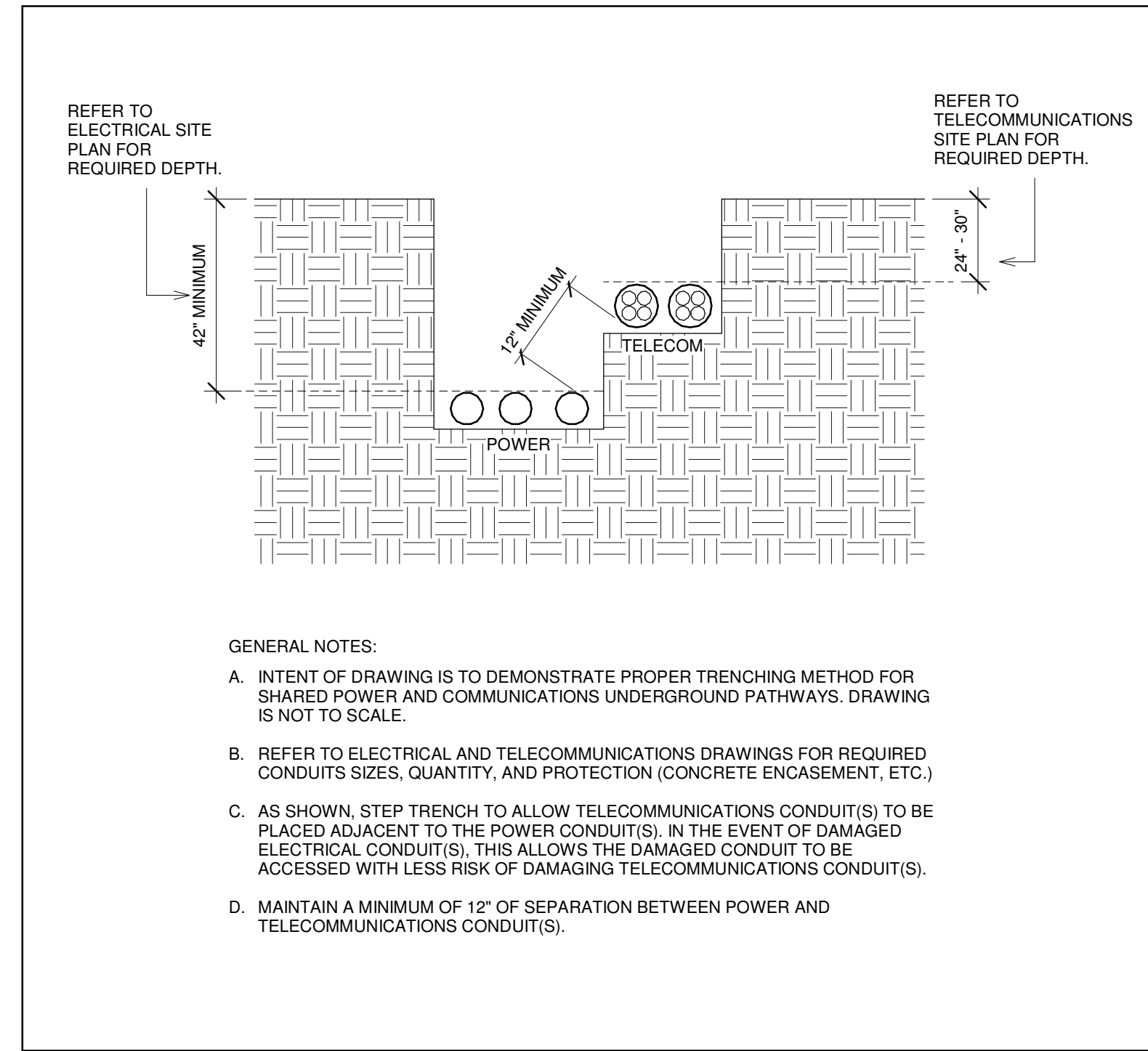
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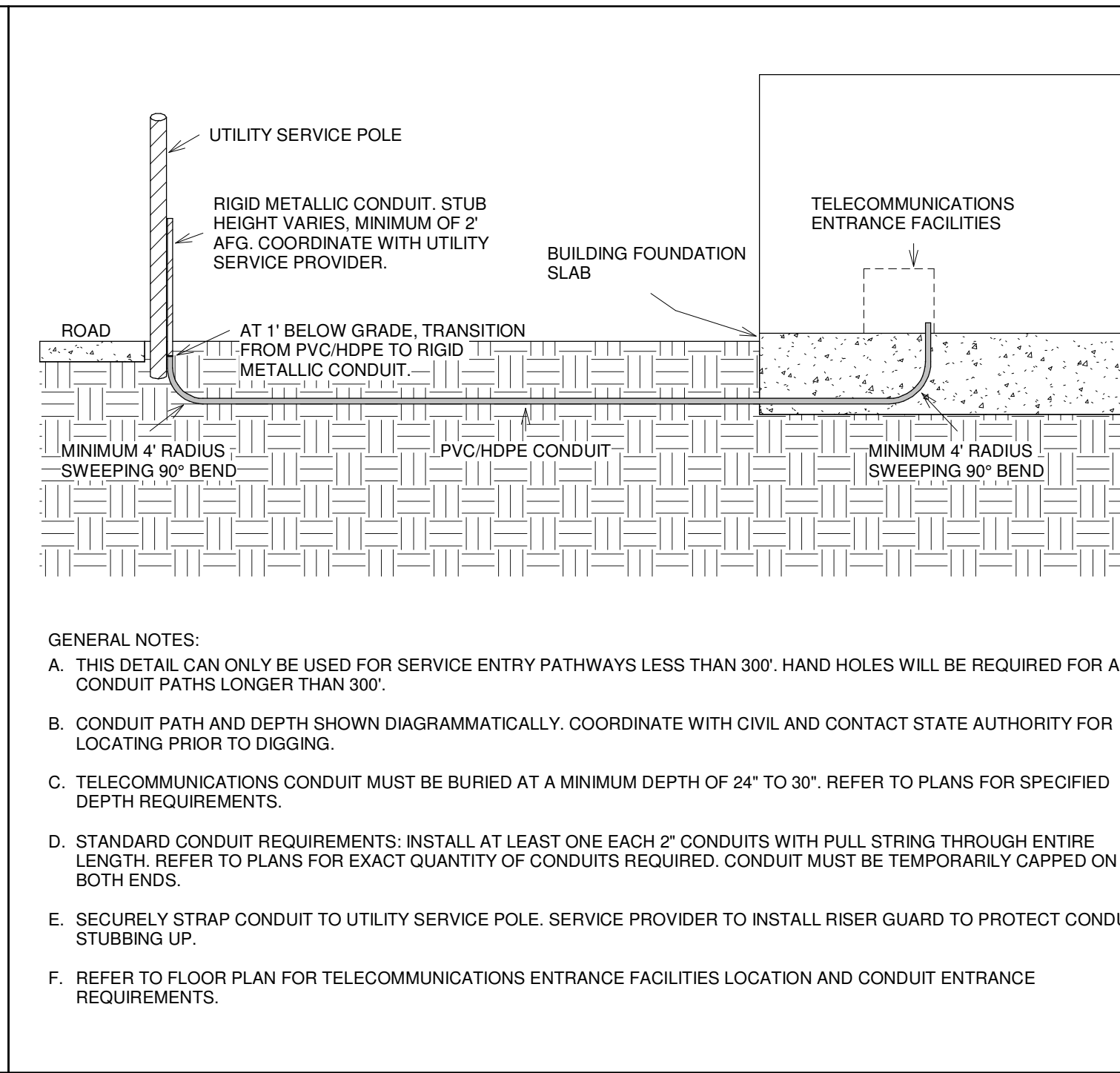
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Author	Checker	
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SHEET TITLE:
TELECOMM DETAILS

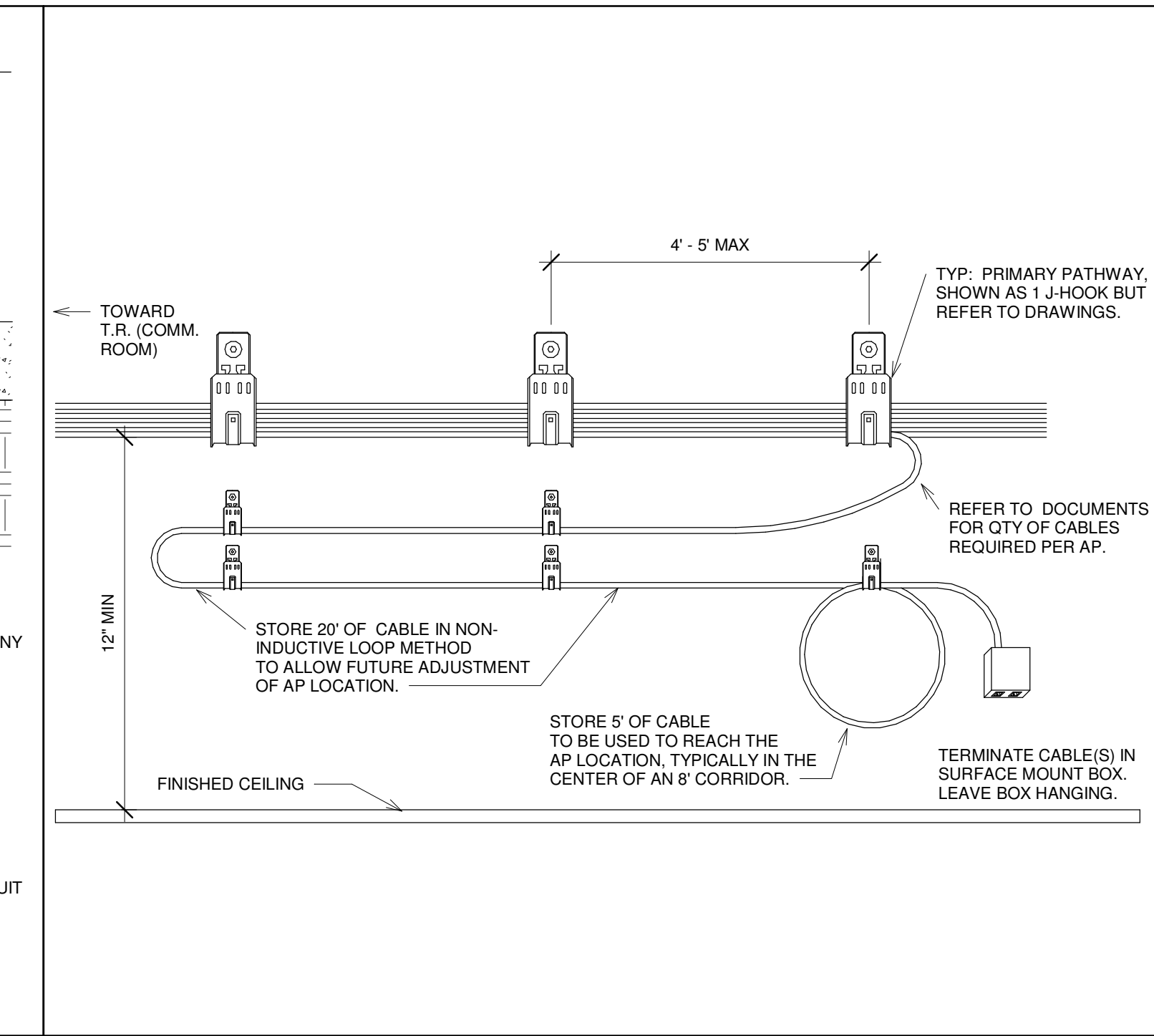
PROJECT NO:	SHEET NO:
4323	T0.03



OSP 003 - ELECTRICAL/COMMUNICATIONS SHARED TRENCH
NOT TO SCALE



OSP 004: SERVICE PROVIDER CONDUIT ENTRY FOR NEW CONSTRUCTION
NOT TO SCALE



SC 002: WIRELESS ACCESS POINT CABLE ROUGH IN
NOT TO SCALE

SEAL:

CONSTRUCTION DOCUMENTS

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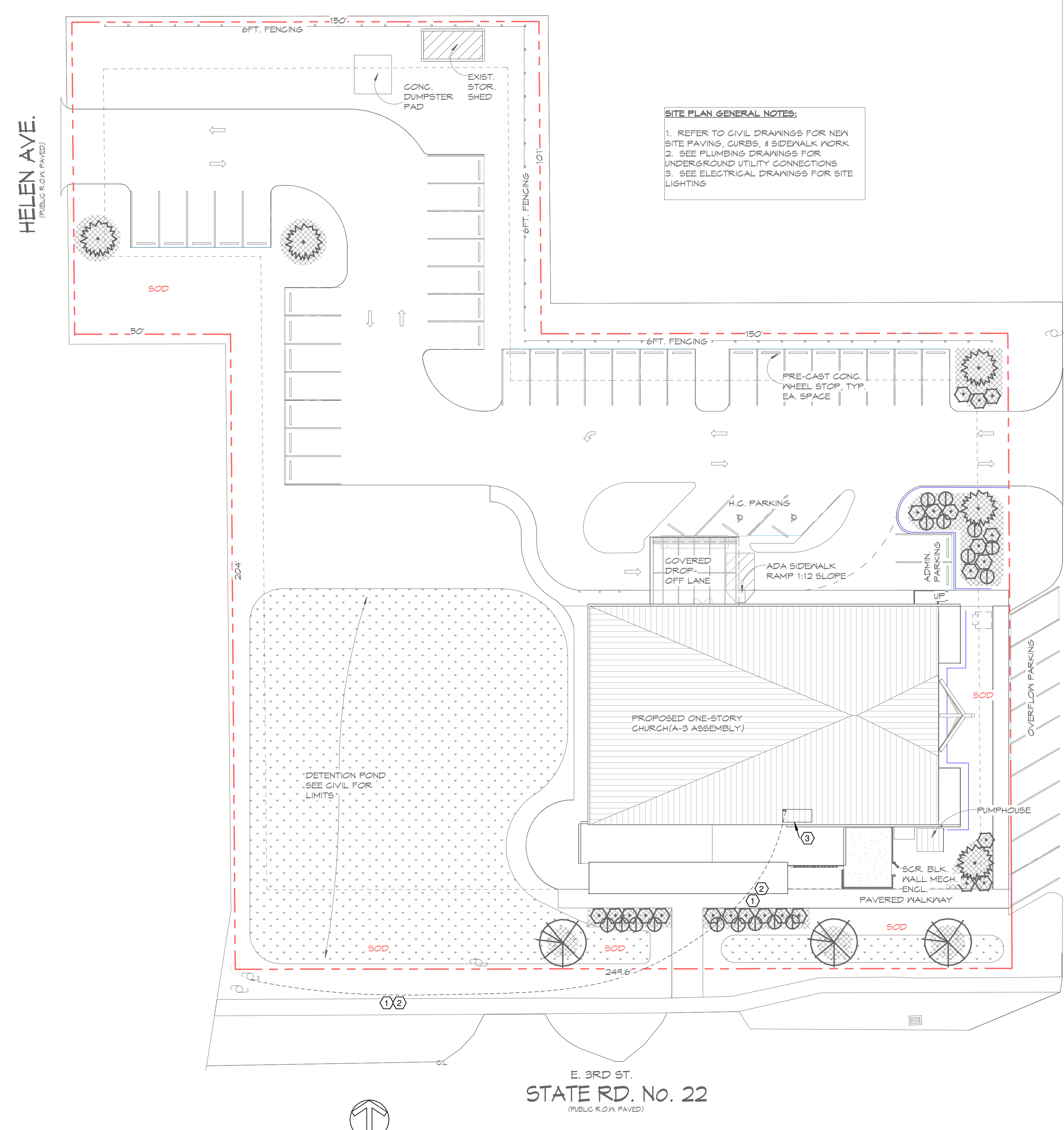
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SHEET TITLE:
TELECOMM - SITE PLAN

PROJECT NO:
4323

SHEET NO:
T1.00

- SHEET NOTES: ○
- (2) 4-INCH COMMUNICATIONS CONDUITS WITH PULL STRINGS IN EACH.
 - CONDUIT ROUTING SHOWN IS DIAGRAMATIC ONLY AND DOES NOT REFLECT ACTUAL ROUTING. PATHWAY, SERVICE POLE OR PEDESTAL TO WHICH CONDUITS WILL TERMINATE. CONTRACTOR SHALL VERIFY CONDUIT ROUTING AND PLACEMENT WITH OTHER SITE UTILITIES, TELEPHONE, INTERNET AND CABLE TV SERVICE PROVIDERS. WHERE POSSIBLE, COMMUNICATION CONDUITS CAN SHARE ELECTRICAL TRENCH WITH A MINIMUM 12-INCHES OF SEPARATION. REFER TO DETAILS OSP 003 AND OSP 004, SHEET T1.05 FOR MORE INFORMATION.
 - LT. ROOM 1-03.



SITE PLAN GENERAL NOTES:

- REFER TO CIVIL DRAWINGS FOR NEW SITE PAVING, CURBS, & SIDEWALK WORK.
- SEE PLUMBING DRAWINGS FOR UNDERGROUND UTILITY CONNECTIONS.
- SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING.

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STATE RD. No. 22
 (PUBLIC ROAD PAVED)

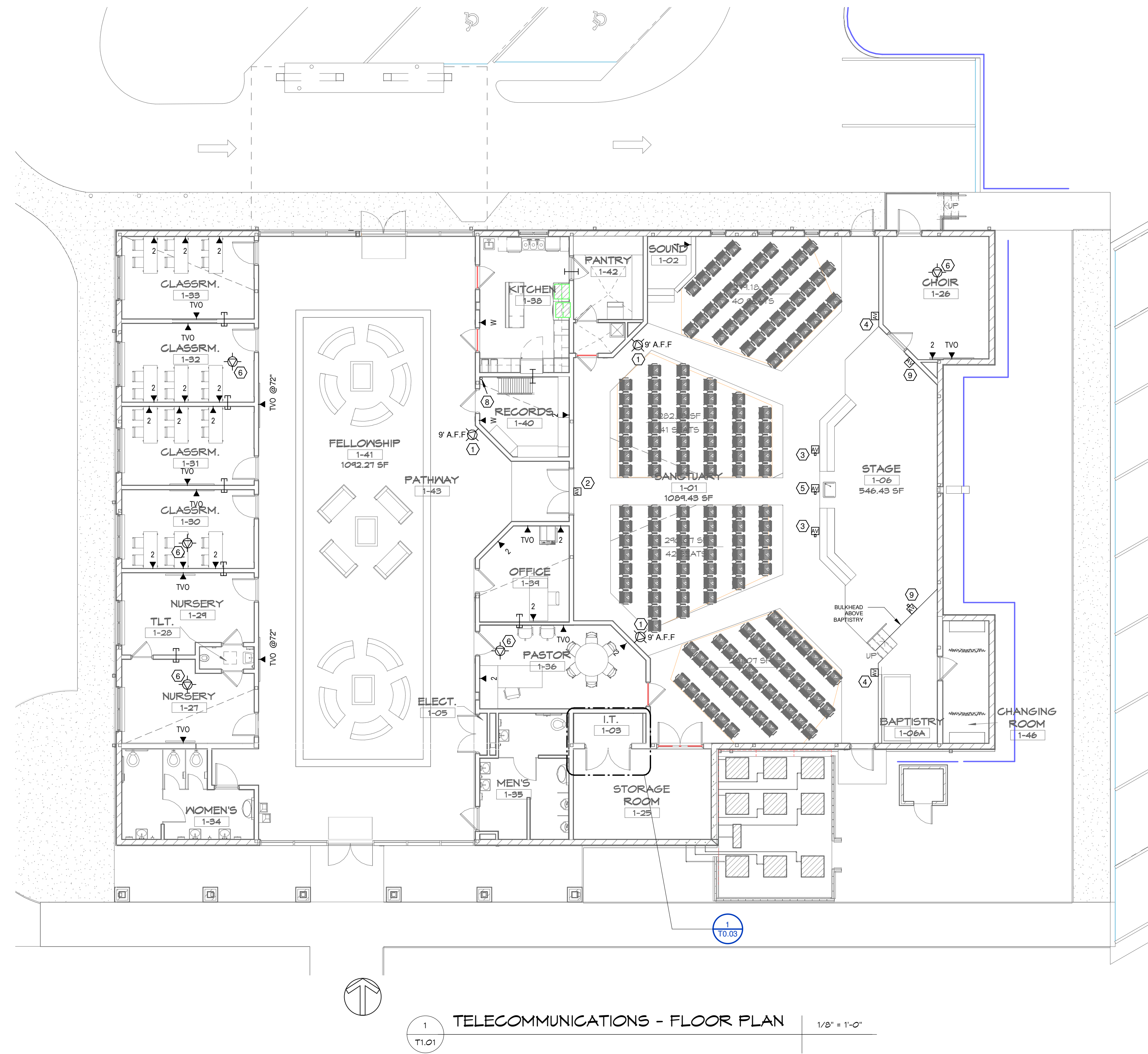
TELECOMMUNICATIONS - SITE PLAN | 1" = 20'-0"

1
T1.00

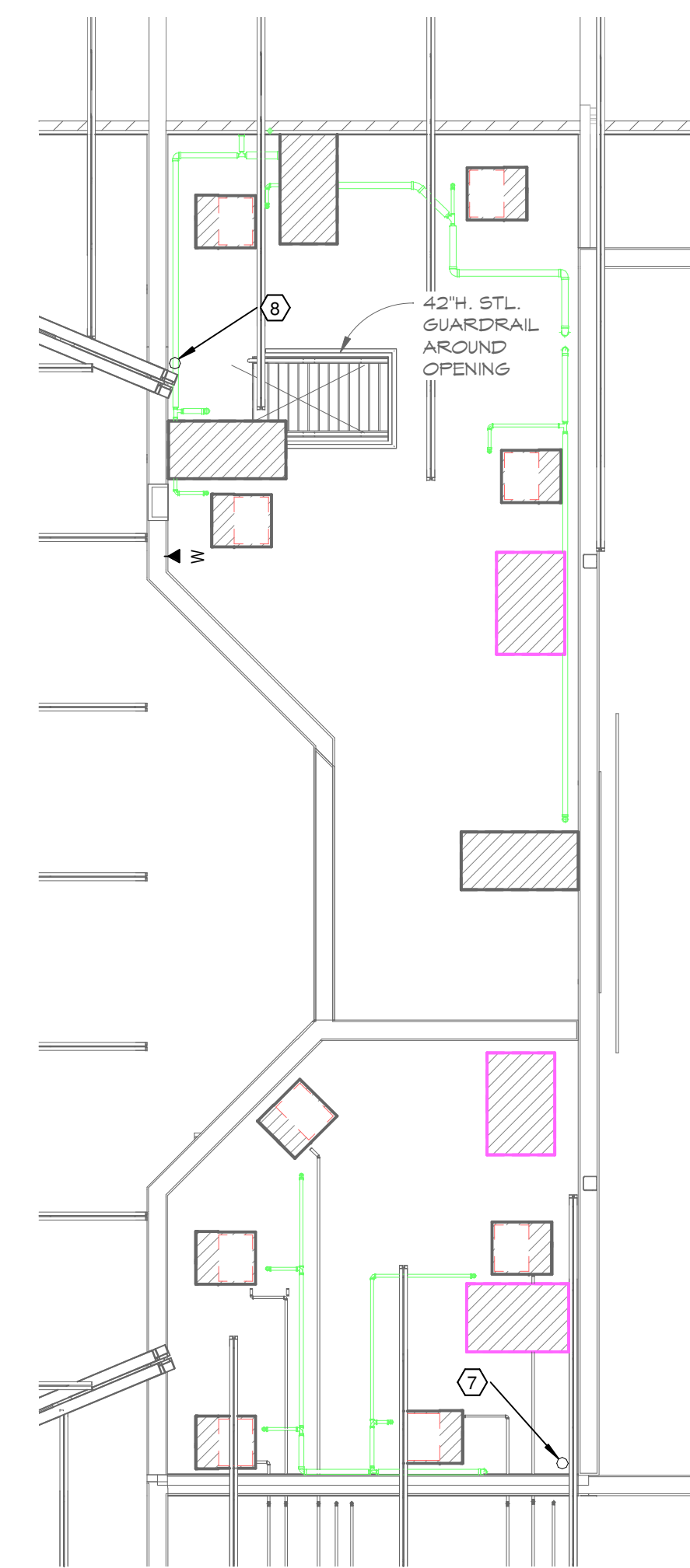
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- GENERAL NOTES:
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 - PROVIDE ACCEPTABLE QUANTITY AND SIZE OF SLEEVES AS A CABLE PATHWAY, SUCH THAT A 40 MAXIMUM FILL RATIO IS NOT EXCEEDED. ALL COMPONENTS EXTENDED THROUGH A FIRE OR SMOKE RATED STRUCTURE SHALL BE PROTECTED OR SEALED AS REQUIRED TO MAINTAIN RATING OF THE STRUCTURE. PROVIDE HILT PART NUMBERS CP-693-2 AND/OR CP-693-4 OR OTHER SUBMITTED AND APPROVED RE-ENTERABLE, UL LISTED SYSTEM. CONTRACTOR SHALL INSTALL ALL SLEEVES IN STRICT ACCORDANCE WITH MANUFACTURER INSTRUCTIONS AND THE RESPECTIVE UL SYSTEM.
 - FOR ADDITIONAL DEVICE LOCATION INFORMATION, REFER TO ARCHITECTURAL ELEVATION DRAWINGS WHICH TAKE PRECEDENCE.

- SHEET NOTES: ○
- WALL-MOUNTED WAP LOCATION AT 9'-0" AFF. WAP DEVICE, MOUNTING HARDWARE AND INSTALLATION OF WAP BY OWNER OR OTHERS.
 - PROVIDE 4-11/16" SQUARE BACK BOX WITH SINGLE-GANG MUD RING AND BLANK COVER PLATE AT 9'-0" AFF. PROVIDE AN EMPTY 1-INCH CONDUIT W/PULL STRING FROM THIS AV (CONFERENCE MONITOR) LOCATION TO THE SOUNDBOOTH. PROVIDE PULL STRING IN CONDUIT. AV CABLING, CONNECTORS, FACEPLATES AND LED DISPLAY BY OWNER OR OTHERS.
 - PROVIDE 4-11/16" SQUARE BACK BOX WITH SINGLE-GANG MUD RING AND BLANK COVER PLATE IN THE FINISHED CEILING AT THIS LOCATION. PROVIDE AN EMPTY 1-INCH CONDUIT W/PULL STRING FROM THIS AV (CEILING PROJECTOR) LOCATION TO THE SOUNDBOOTH. AV CABLING, CONNECTORS, FACEPLATES AND PROJECTORS BY OWNER OR OTHERS. CONFIRM FINAL LOCATION WITH OWNER OR OWNER'S AV CONTRACTOR PRIOR TO INSTALLATION.
 - PROVIDE 4-11/16" SQUARE BACK BOX WITH SINGLE-GANG MUD RING AND BLANK COVER PLATE 12'-3" AFF AT THIS LOCATION. PROVIDE AN EMPTY 1-INCH CONDUIT W/PULL STRING FROM THIS AV (SPEAKER) LOCATION TO THE SOUNDBOOTH. AV CABLING, CONNECTORS, FACEPLATES AND SPEAKERS BY OWNER OR OTHERS. CONFIRM FINAL LOCATION AND MOUNTING HEIGHT AFF WITH OWNER OR OWNER'S AV CONTRACTOR PRIOR TO INSTALLATION.
 - PROVIDE 4-11/16" SQUARE BACK BOX WITH SINGLE-GANG MUD RING AND BLANK COVER PLATE IN THE FINISHED CEILING AT THIS LOCATION. PROVIDE AN EMPTY 1-INCH CONDUIT W/PULL STRING FROM THIS AV (CEILING SUSPENDED SPEAKERS) LOCATION TO THE SOUNDBOOTH. AV CABLING, CONNECTORS, FACEPLATES AND SPEAKERS BY OWNER OR OTHERS. CONFIRM FINAL LOCATION WITH OWNER OR OWNER'S AV CONTRACTOR PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL TERMINATE WAP CABLE ABOVE ACCESSIBLE CEILING. SEE DETAIL SC002, SHEET T1.05 FOR MORE INFORMATION. WAP DEVICE, MOUNTING HARDWARE AND INSTALLATION OF WAP BY OWNER OR OTHERS.
 - PROVIDE A 2-INCH CONDUIT W/PULL STRING TO ACCESSIBLE CEILING SPACE IN I.T. ROOM 1-03. COORDINATE PLACEMENT AND FINAL TERMINATION LOCATION OF THIS CONDUIT WITH OTHER SYSTEMS TRADES. TERMINATE THIS CONDUIT A MINIMUM OF 6-INCHES A.F.F. OF THE MEZZANINE. SEE DETAIL 1, SHEET T1.04 FOR FURTHER INFORMATION.
 - PROVIDE A 2-INCH CONDUIT W/PULL STRING FROM ACCESSIBLE CEILING SPACE IN RECORDS ROOM 1-40 TO MEZZANINE ABOVE. COORDINATE PLACEMENT AND FINAL TERMINATION LOCATION OF THIS CONDUIT WITH OTHER SYSTEMS TRADES. IN THE MEZZANINE, TERMINATE THIS CONDUIT A MINIMUM OF 6-INCHES A.F.F. IN RECORDS 1-40. TERMINATE THIS CONDUIT IN THE ACCESSIBLE CEILING SPACE.
 - PROVIDE AN EMPTY, 1-INCH CONDUIT FROM THIS OUTLET LOCATION CONTINUOUS TO SOUND BOOTH FOR FUTURE PROJECTION SCREEN CONNECTIVITY BY OWNER/OTHERS. IN SOUND BOOTH, TERMINATE CONDUIT IN UNDER-COUNTER JUNCTION BOX. CONFIRM EXACT LOCATION AND PROVIDE PULL STRING IN CONDUIT. PROJECTION SCREENS, AV CABLING AND CONNECTORS BY OWNER OR OTHERS.



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



2 TELECOMMUNICATIONS - EQUIPMENT MEZZANINE

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SCALE:

CONSTRUCTION DOCUMENTS

SCALE:	DATE:
As Indicated	02/2023
DRAWN BY:	CHECKED BY:
Author	Checker

NO.	REVISION	DATE

SHEET TITLE:
TELECOMM - FLOOR PLAN

PROJECT NO: 4323 SHEET NO: T1.01