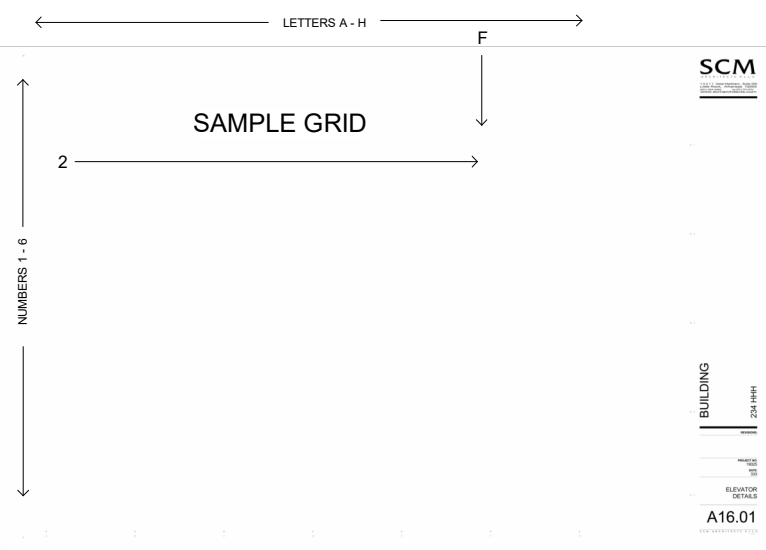
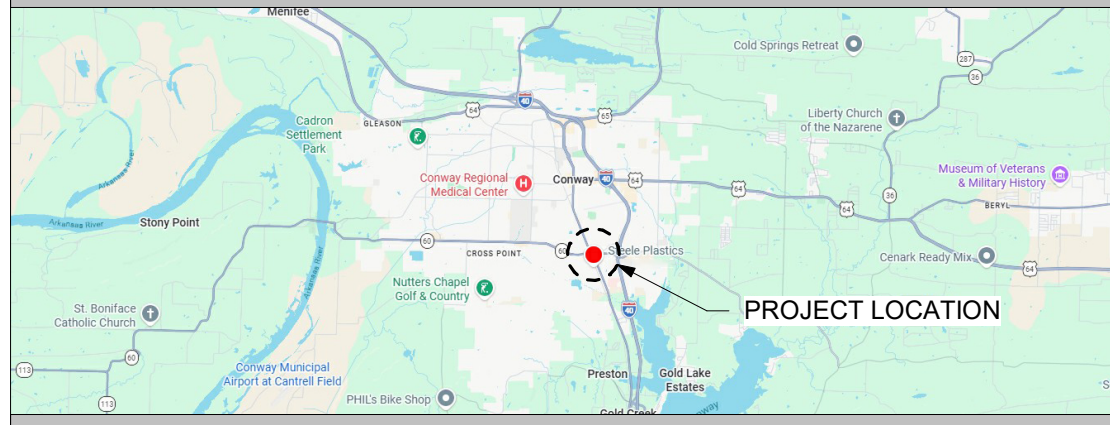
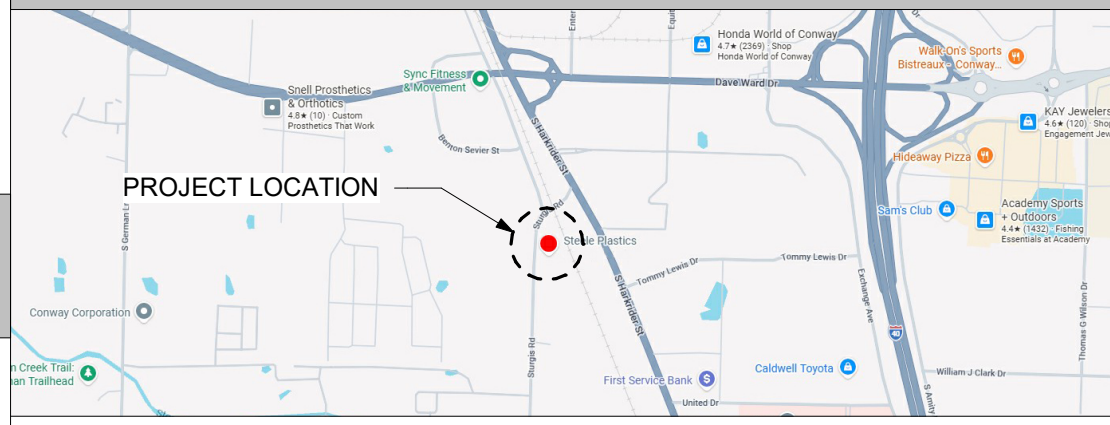
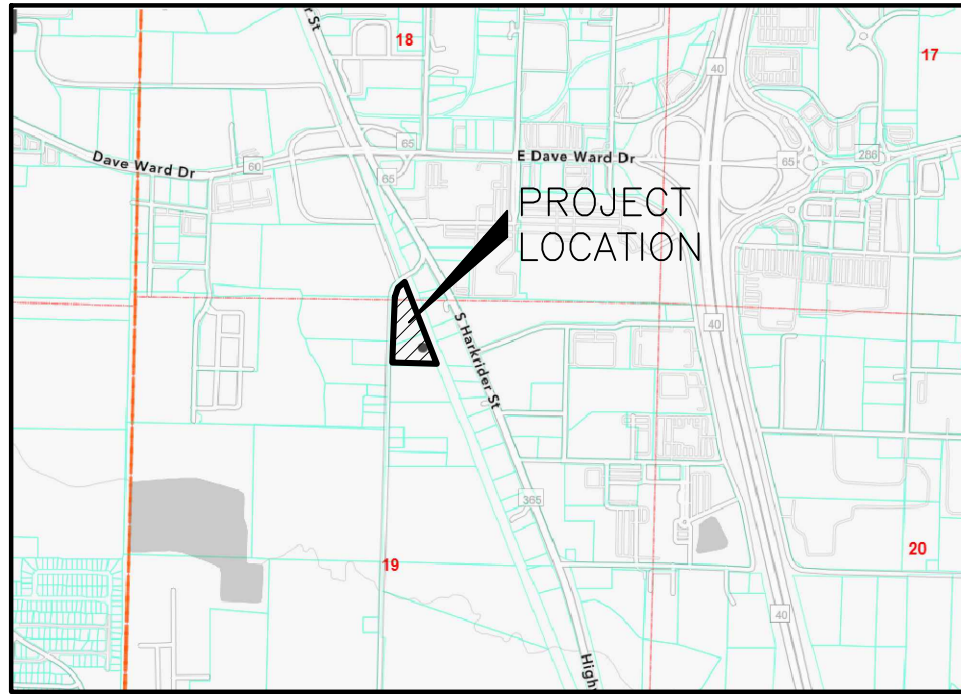


STEELE PLASTICS

BUILDING EXPANSION

1280 Sturgis Road
Conway, Arkansas 72034

CSI CON DOC SYSTEM	SYMBOLS LEGEND	GENERAL NOTES	PROJECT CONTACTS	INDEX OF DRAWINGS																		
PROJECT DRAWINGS ARE LAYED OUT USING THE CSI "CONDOC" SYSTEM.  TYPICAL DRAWING SHEET: THE DRAWING/DETAIL SHEET IS BORDERED BY NUMBERS AND LETTERS CREATING A GRID. THIS GRID IS USED TO LOCATE AREAS OF THE DRAWING FOR REFERENCE AND PINPOINT DETAILS. EXAMPLE: NOTE THE DETAIL SYMBOL ON THE SHEET. ITS LOCATION IS "2F". IN DISCUSSION YOU WOULD SAY "LOOK AT THE DETAIL LOCATED AT "2F" ON SHEET A16.01. THIS NUMBER MAY BE KEYED INTO THE DETAIL SYMBOL AND WOULD READ "2F - A16.01." ABBREVIATIONS <table><tr><td>A.F.F. - ABOVE FINISH FLOOR ALUM. - ALUMINUM AS REQ. - AS REQUIRED BD. - BOARD BLDG. - BUILDING BLK. - BLOCK B.O.C. - BACK OF CURB B.O.F. - BOTTOM OF FOOTING CAB - CABINET CER - CERAMIC C.J. - CONTROL JOINT C.L. - CENTER LINE CLG - CEILING CLR - CLEAR CMU - CONCRETE MASONRY UNIT COL - COLUMN CONC - CONCRETE CONT - CONTINUOUS CORR - CORRIDOR CPT - CARPET DBL - DOUBLE DEMO - DEMOLITION DIA - DIAMETER DIM - DIMENSION DN - DOWN DS - DOWNSPOUT DTL - DETAIL EA - EACH EIFS - EXT. INSUL. FINISH SYSTEM EJ - EXPANSION JOINT ELEC - ELECTRICAL ELEV - ELEVATION E.O.S. - EDGE OF SLAB EQ - EQUAL EQUIP - EQUIPMENT EXH - EXHAUST EXIST - EXISTING EXT - EXTERIOR F.E.C. - FIRE EXTINGUISHER CABINET F.F.E. - FINISH FLOOR ELEVATION FIN. FL. - FINISH FLOOR F.O.B. - FACE OF BRICK</td><td>F.O.C. - FACE OF CURB F.O.S. - FACE OF STUD FTG. - FOOTING GYB BD. - GYPSUM BOARD GWB - GYPSUM BOARD HM - HOLLOW METAL INSUL - INSULATION INT - INTERIOR MECH - MECHANICAL MFR - MANUFACTURER MISC - MISCELLANEOUS M.O. - MASONRY OPENING MTL - METAL N.I.C. - NOT IN CONTRACT N.T.S. - NOT TO SCALE O.C. - ON CENTER O.H. - OPPOSITE HAND OPP. - OPPOSITE PLAM - PLASTIC LAMINATE PLUMB - PLUMBING PLYWD - PLYWOOD PREFIN. - PREFINISHED RAD - RADIUS REF. - REFERENCE REINF - REINFORCED REQ'D - REQUIRED R.O. - ROUGH OPENING SAN - SANITARY SCHED - SCHEDULED SIM - SIMILAR S.S. - STAINLESS STEEL STL - STEEL STRUCT - STRUCTURAL SUSP - SUSPENDED THK - THICK TYP - TYPICAL U.N.O. - UNLESS NOTED OTHERWISE VER - VERIFY V.I.F. - VERIFY IN FIELD WD - WOOD</td></tr></table>	A.F.F. - ABOVE FINISH FLOOR ALUM. - ALUMINUM AS REQ. - AS REQUIRED BD. - BOARD BLDG. - BUILDING BLK. - BLOCK B.O.C. - BACK OF CURB B.O.F. - BOTTOM OF FOOTING CAB - CABINET CER - CERAMIC C.J. - CONTROL JOINT C.L. - CENTER LINE CLG - CEILING CLR - CLEAR CMU - CONCRETE MASONRY UNIT COL - COLUMN CONC - CONCRETE CONT - CONTINUOUS CORR - CORRIDOR CPT - CARPET DBL - DOUBLE DEMO - DEMOLITION DIA - DIAMETER DIM - DIMENSION DN - DOWN DS - DOWNSPOUT DTL - DETAIL EA - EACH EIFS - EXT. 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FLR, TOP OF PLATE, TOP OF BEAM) ELEVATION OR POINT BUILDING SECTION (See Plans and Building Elevations) DIRECTION OF VIEW SECTION LOCATOR/NUMBER SHEET NUMBER WALL SECTION (See Plans and Building Elevations) DIRECTION OF VIEW SECTION LOCATOR/NUMBER SHEET NUMBER ROOF SLOPE (See Roof Plans) DIRECTION OF UPWARD SLOPE RATIO OF SLOPE ROOM TAG (See Plans and Building Sections) ROOM NAME ROOM NUMBER GRID LINES EXISTING COLUMN (Letters typ. run Vertical, Numbers typ. run Horizontal) KEY NOTE (See Building Elevations, Building Sections, Wall Sections, Detail Views, and the Material Legend) MATERIAL CALLOUT BUILDING ELEVATION (See Plans and Building Elevations) DIRECTION OF VIEW ELEVATION LOCATION/NUMBER SHEET NUMBER INTERIOR ELEVATION (See Plans) DIRECTION OF VIEW ELEVATION LOCATION/NUMBER SHEET NUMBER WINDOW TYPE WINDOW MARK (LETTER) REVISION REFERENCE NUMBER OF REVISION CORRESPONDING TO SECTION IN TITLE BLOCK PARTITION TYPE PARTITION MARK (NUMBER)	***** GENERAL CONTRACT REQUIREMENTS AFFECTING ALL TRADES IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS TO ENSURE COORDINATION OF ALL WORK AFFECTING EACH TRADE. ***** - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION TO COORDINATE THE SITING OF NEW UTILITIES AND NEW BUILDING INSTALLATION WITH EXISTING UTILITIES, EXISTING BUILDING LOCATIONS AND SITE ITEMS TO REMAIN. - CONTRACTOR TO COORDINATE STORAGE AND STAGING AREAS WITH OWNER'S REPRESENTATIVE TO AVOID INTERFERENCE WITH OWNER'S USE OF EXISTING BUILDINGS, PARKING AREAS, AND GROUNDS. - PROVIDE SECURITY, BARRIERS AND FACILITIES TO PROTECT WORK AND STORED MATERIAL FROM UNAUTHORIZED ENTRY, VANDALISM OR THEFT. - CONDITION AND USE OF THE JOB SITE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY FASHION. DEBRIS AND TRASH FOR ALL TRADES AND SUBCONTRACTORS UNDER GENERAL CONTRACTOR CONTROL AND FOR THOSE UNDER DIRECT CONTRACT WITH THE OWNER SHALL BE REMOVED DAILY. - GENERAL CONTRACTOR SHALL COORDINATE DELIVERIES, INSPECTIONS, AND SITE VISITS FOR ALL TRADES AND SUBCONTRACTORS AS REQUIRED. - THE CONTRACTOR IS REQUIRED TO PROTECT ALL SITE ITEMS IN THE AREAS ADJACENT TO THE PROJECT CONSTRUCTION WORK AS NECESSARY TO PREVENT DAMAGE. CONTRACTOR TO BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ITEMS DAMAGED DURING CONSTRUCTION. - FINAL CLEANING AT SUBSTANTIAL COMPLETION SHALL INCLUDE BUT NOT TO BE LIMITED TO CLEANING OF ALL SURFACES AFFECTED BY THE WORK OF THE CONTRACT AND REMOVAL OF ANY SPOTS, STAINS, SPILLS, ETC. ON ANY SURFACES CAUSED BY CONSTRUCTION ACTIVITIES AND INCURRED DURING THE CONSTRUCTION PERIOD. - ALL PRODUCTS USED ON THIS PROJECT THAT ARE USED IN CONJUNCTION WITH EACH OTHER OR ADJACENT TO EACH OTHER ARE REQUIRED TO BE COMPATIBLE. - OWNER RETAINS THE RIGHT TO LET OTHER CONTRACTS IN CONNECTION WITH THE PROJECT WORK. GENERAL CONTRACTOR SHALL PROPERLY COOPERATE, COORDINATE AND INTERFACE CONSTRUCTION SCHEDULE WITH ANY SUCH CONTRACTORS/VENDORS, ETC. - CONTRACTOR IS RESPONSIBLE FOR SEALING AND PROTECTING ALL PENETRATIONS THROUGH PARTITIONS, FLOORS, CEILINGS, AND ROOF ELEMENTS BOTH NEW AND EXISTING IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES TO THE SATISFACTION OF THE BUILDING OFFICIAL. - CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS TO COORDINATE COMPLETE AND ACCURATE INSTALLATION WITH THE CONSTRAINTS OF THE NEW BUILDING CONSTRUCTION FOR ROUTING OF UTILITIES IN A NEAT AND ORDERLY MANNER. IF A DISCREPANCY OCCURS WITH THE NEW BUILDING STRUCTURE AND INSTALLATION REQUIREMENTS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT TO RESOLVE ANY ROUTING ISSUES. - REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS AND TYPES OF CEILINGS. SEE SPECIFICATIONS FOR SPECIFIED ITEM TO BE INSTALLED ON WALLS, CEILINGS AND FLOOR.	ARCHITECT: SCM ARCHITECTS PLLC 1400 KIRK RD, SUITE 220 LITTLE ROCK, AR 72223 (501) 224-3055 PRINCIPAL IN CHARGE: JONATHAN NICHOLS, AIA jnichols@scmarchitects.com PROJECT ARCHITECT: BRITT TALLEY, AIA britt@scmarchitects.com CONSULTANTS CIVIL ENGINEER: JOE WHITE & ASSOCIATES, P.O. Box 241549 Little Rock, AR 72223 CIVIL ENGINEER: JACOB T. WHITE, PE jacobwhite@joewhiteassociates.com STRUCTURAL ENGINEER: MYERS ENGINEERING 2411 Fayetteville Road, Suite B Van Buren, AR 72956 STRUCTURAL ENGINEER: JASON R. MYERS, PE jason@myers-engr.com MEP ENGINEER: HSA ENGINEERING 515 Locust Ave. Conway, AR 72034 PRINCIPAL ENGINEER: TREY WHITE, PE twhite@hsaconsultants.com	<table><tr><td>GENERAL T1.01B</td><td>COMBINED COVER AND INDEX SHEET</td></tr><tr><td>CIVIL C1.00 C2.00 C3.00 C4.00</td><td>SITE PLAN EROSION CONTROL PLAN GRADING & PAVING PLAN STANDARD DETAILS</td></tr><tr><td>LANDSCAPING L1.00</td><td>LANDSCAPE PLAN</td></tr><tr><td>STRUCTURAL S0.1 S0.2 S1.1 S2.1 S3.1 S4.1</td><td>STRUCTURAL NOTES STRUCTURAL NOTES FOUNDATION PLAN SLAB PLAN ROOF FRAMING PLAN BUILDING SECTIONS</td></tr><tr><td>ARCHITECTURAL A0.01 A1.00 A1.01 A2.00 A2.01 A4.01 A5.01 A6.01 A7.01 A7.02 A8.01 A8.02 A8.03 A8.04 A10.01</td><td>SITE PLAN DEMOLITION PLAN FLOOR PLAN PARTITION TYPES, MILLWORK ELEVATIONS AND DETAILS DIMENSION PLANS REFLECTED CEILING PLANS ROOF PLAN BUILDING ELEVATIONS BUILDING SECTIONS BUILDING SECTIONS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS DOOR AND WINDOW SCHEDULES, ELEVATIONS AND DETAILS</td></tr><tr><td>MECHANICAL M1.1 M2.1</td><td>HVAC NOTES, LEGEND, & SCHEDULES HVAC PLANS</td></tr><tr><td>PLUMBING P1.1 P2.1</td><td>GENERAL NOTES, LEGEND & SCHEDULE PLUMBING PLAN, RISERS & KEYED NOTES</td></tr><tr><td>ELECTRICAL E1.1 E2.1 E2.2 E3.1</td><td>ELECTRICAL LEGEND, NOTES & DETAILS LIGHTING PLAN POWER PLAN ELECTRICAL DETAILS</td></tr></table>	GENERAL T1.01B	COMBINED COVER AND INDEX SHEET	CIVIL C1.00 C2.00 C3.00 C4.00	SITE PLAN EROSION CONTROL PLAN GRADING & PAVING PLAN STANDARD DETAILS	LANDSCAPING L1.00	LANDSCAPE PLAN	STRUCTURAL S0.1 S0.2 S1.1 S2.1 S3.1 S4.1	STRUCTURAL NOTES STRUCTURAL NOTES FOUNDATION PLAN SLAB PLAN ROOF FRAMING PLAN BUILDING SECTIONS	ARCHITECTURAL A0.01 A1.00 A1.01 A2.00 A2.01 A4.01 A5.01 A6.01 A7.01 A7.02 A8.01 A8.02 A8.03 A8.04 A10.01	SITE PLAN DEMOLITION PLAN FLOOR PLAN PARTITION TYPES, MILLWORK ELEVATIONS AND DETAILS DIMENSION PLANS REFLECTED CEILING PLANS ROOF PLAN BUILDING ELEVATIONS BUILDING SECTIONS BUILDING SECTIONS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS WALL SECTIONS AND DETAILS DOOR AND WINDOW SCHEDULES, ELEVATIONS AND DETAILS	MECHANICAL M1.1 M2.1	HVAC NOTES, LEGEND, & SCHEDULES HVAC PLANS	PLUMBING P1.1 P2.1	GENERAL NOTES, LEGEND & SCHEDULE PLUMBING PLAN, RISERS & KEYED NOTES	ELECTRICAL E1.1 E2.1 E2.2 E3.1	ELECTRICAL LEGEND, NOTES & DETAILS LIGHTING PLAN POWER PLAN ELECTRICAL DETAILS
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			VICINITY MAP  LOCATION MAP 	August 26, 2026 SCM ARCHITECTS 220 E CENTER ST., SUITE 220 FAYETTEVILLE, AR 72201 FAY: (479) 966-4777 LR: (501) 224-3055 www.scmarchitects.com T1.01B																		



VICINITY MAP
(1"=2000')

LEGEND

○	FOUND AS NOTED
●	SET 1/2" IRON PIN
⊗	WATER VALVE
⊕	FIRE HYDRANT
⊙	WATER METER
RPZ	RPZ
T	ELECTRIC TRANSFORMER
E	ELECTRIC BOX
△	FIBER-OPTIC SIGN
⊠	GAS METER
⊠	BURIED GAS MARKER
⊠	POWER POLE
⋈	GUY WIRE
⋈	LIGHT POLE
⋈	GROUND LIGHT
⋈	BOLLARD POLE
⊙	SANITARY SEWER MANHOLE
⊙	DRAINAGE MANHOLE
⊙	SEWER OR DRAIN CLEAN-OUTS
⊙	TELEPHONE RISER
⊙	TELEPHONE SIGN
⊙	CABLE RISER
⊙	JUNCTION BOX-DRAINAGE
⊙	CURB INLET-DRAINAGE
⊙	GRATE INLET-DRAINAGE
rcp	REINFORCED CONCRETE PIPE
cmp	CORRUGATED METAL PIPE
⊙	SIGN
⊙	HANDICAP PARKING
H.C.	HANDICAP RAMP
CONCRETE	CONCRETE
—x—x—	CHAIN LINK FENCE
—□—	WOOD FENCE
— — —	OVERHEAD POWER
—E—	(UG) UNDERGROUND ELECTRIC
—G—	(UG) UNDERGROUND GAS
—T—	(UG) UNDERGROUND FIBER OPTIC
—TELE—	(UG) UNDERGROUND TELEPHONE
—W—	(UG) UNDERGROUND WATER
—S—	(UG) UNDERGROUND SEWER

NOTES:

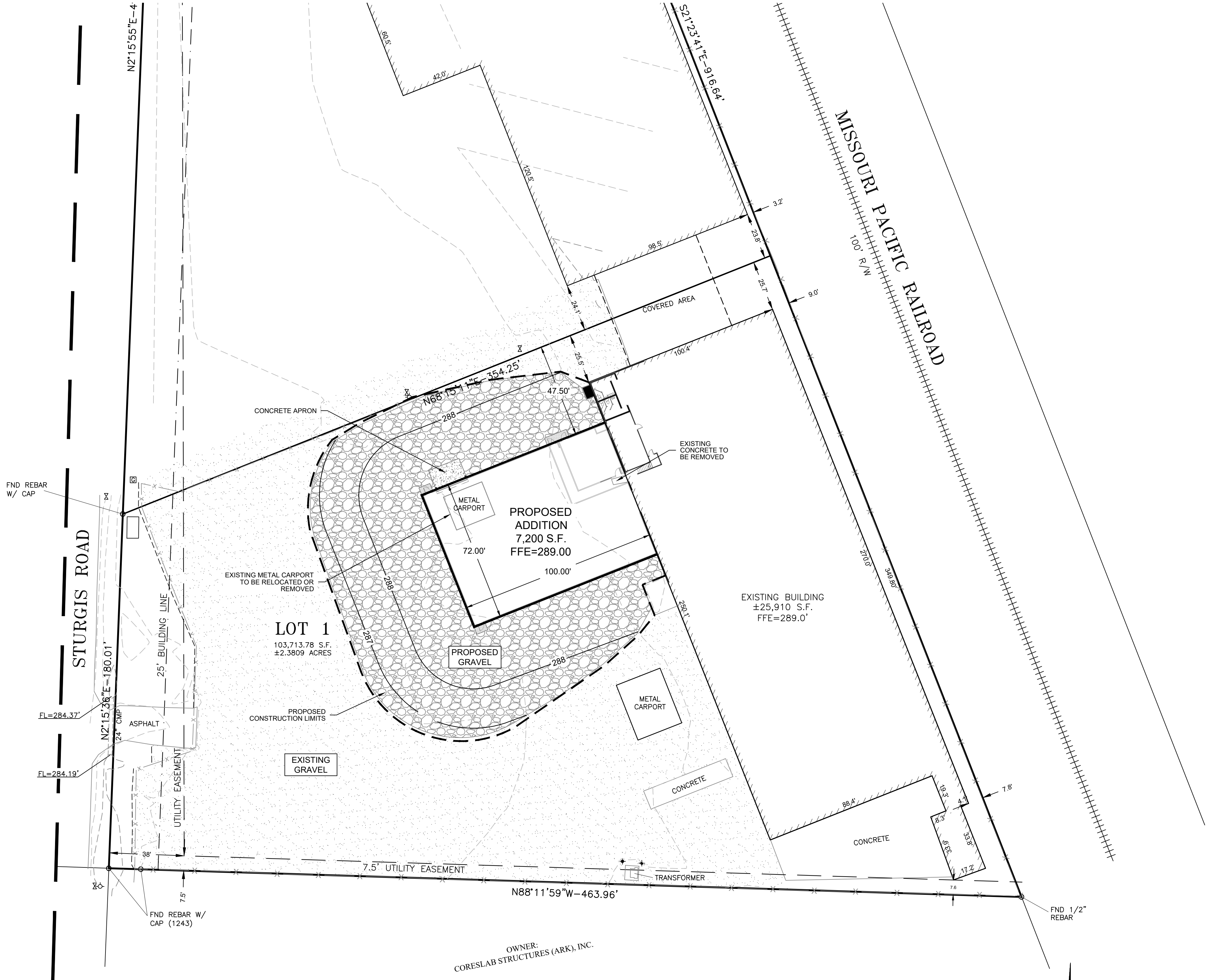
1. ADDRESS OF PROPERTY: 1280 STURGIS ROAD
CONWAY, ARKANSAS
2. BASIS OF BEARINGS: ARKANSAS STATE PLANE COORDINATE SYSTEM
NORTH ZONE, NAD 83
3. VERTICAL DATUM: NAVD 88, GEOID 18
4. AREA OF PROPERTY: 230,635.37 S.F. / ± 5.2947 ACRES (TOTAL)
5. ZONING OF PROPERTY: I-3 (INTENSIVE INDUSTRIAL DISTRICT)
6. UTILITIES ARE SHOWN PER OBSERVED EVIDENCE TOGETHER WITH
EVIDENCE FROM PLANS OBTAINED FROM UTILITY COMPANIES. HOWEVER,
LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES
CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED.

FLOOD INFORMATION:

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN THE 100 YEAR
05045C0283H AND 0545C0291H, EFFECTIVE DATE: DECEMBER 19, 2006
FOR THE CITY OF CONWAY, FAULKNER COUNTY, ARKANSAS.

LEGAL DESCRIPTION

LOTS 1 AND 2 OF STEELE SUBDIVISION, BEING A PART OF THE
W1/2 NE1/4 SECTION 19, AND A PART OF THE SW1/4 SE1/4
SECTION 18 ALL IN T-5-N, R-13-W, FAULKNER COUNTY,
ARKANSAS.



JOE WHITE & ASSOCIATES, INC.
CIVIL ENGINEERING - CONSULTING SERVICES -
LAND SURVEYING
25 RAHLING CIRCLE, SUITE A-2
LITTLE ROCK, ARKANSAS 72223
PHONE: (501) 214-9141



STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

PROJECT NO.
26027
DATE:
AUGUST 26, 2026

SITE PLAN

C1.00

- Erosion Control Notes:
1. Contractor shall obtain all permits required from ADEQ and City of Conway regarding runoff, erosion control, and grading before beginning construction.
 2. Contractor shall post storm water pollution prevention plan.
 3. All erosion & sediment control devices shall be maintained and occasionally replaced throughout the construction process.
 4. All erosion and sediment control devices shall be installed before construction begins. Those items shall remain in place until all excavation is complete.
 5. For Erosion Control, stake Silt Fence in place prior to construction.
 6. Erosion control measure such as irrigation, mulch, or tackifiers shall be used to minimize dust generation during construction activities.
 7. Inlet protection shall be installed at all existing inlets within 200' of project area .
 8. All disturbed areas shall be Fertilized, Seeded and Mulched (or Landscaped) as soon as practical.
 9. The Contractor shall be responsible for filing a Notice of Intent and a Storm water Pollution Prevention Plan as required by ADEQ. All permits shall be acquired prior to the start of construction.
 10. The Contractor shall modify, supplement or alter the erosion control measures shown on the Erosion Control Plan as necessary to control storm water runoff during the various stages of construction & comply with the SWPPP as approved by ADEQ.
 11. Property Acreage: 2.38 Acres +/-
Disturbed Acreage: = 0.56 Acres +/-.

EROSION CONTROL LEGEND

CWOA

CONCRETE WASH-OUT AREA

EMS

EQUIPMENT MATERIAL STORAGE

CS

CHEMICAL STORAGE (FUEL TANK LOCATION)

THMC

TEMPORARY HAZARDOUS MATERIAL CONTAINER

SDL

SOLID DUMPSTER LOCATION

PAP

PORT-A-POTTY LOCATION

SILT FENCE

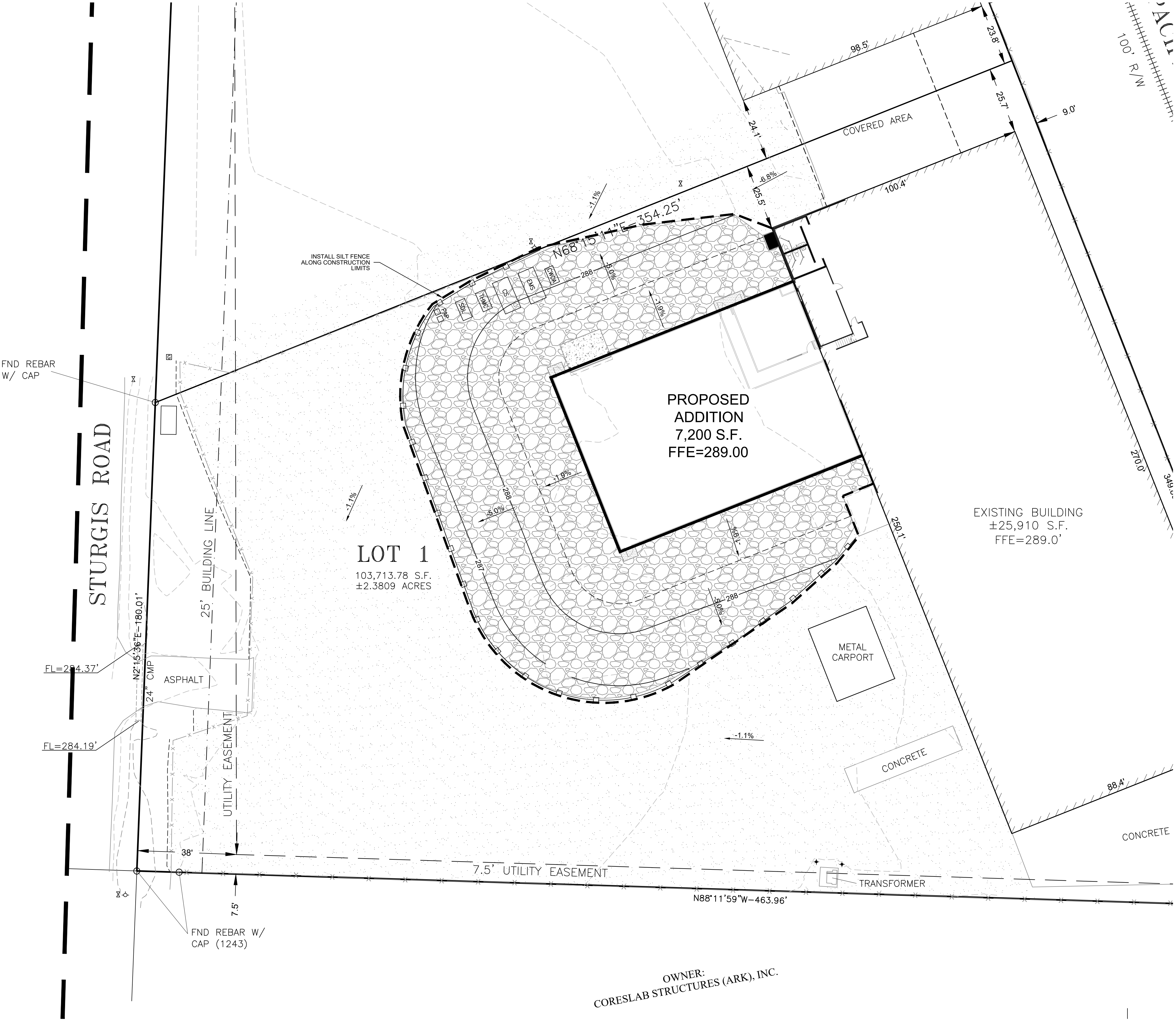
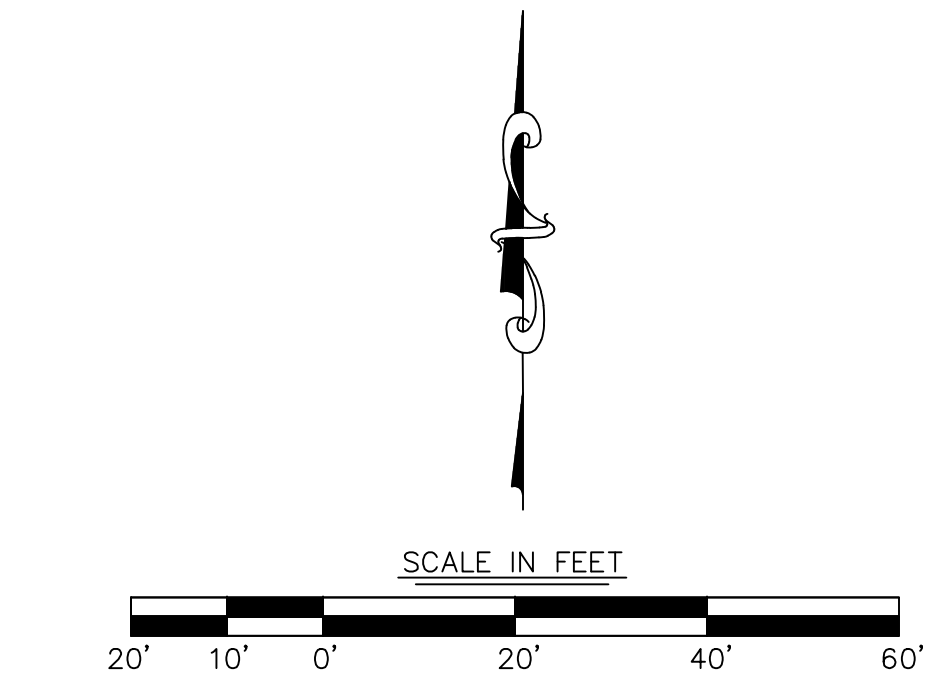
SILT FENCE AROUND INLET

STORM FLOW ARROW

CONSTRUCT DITCH

GRADING LIMITS

CLEARING LIMITS



SCM

ARCHITECTS

1400 KIRK RD., SUITE 220
LITTLE ROCK, AR 72223
FAX: (479) 966-4777 LR: (501) 224-3055
www.scmarchitects.com

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STEELE PLASTICS

BUILDING EXPANSION

1280 Sturgis Road
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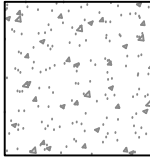
REVISIONS:

PROJECT NO.
26027
DATE:
AUGUST 26, 2026

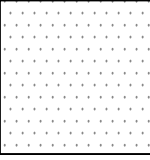
EROSION
CONTROL PLAN

C2.00

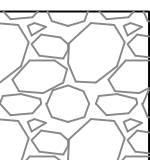
SCM ARCHITECTS P.L.L.C.



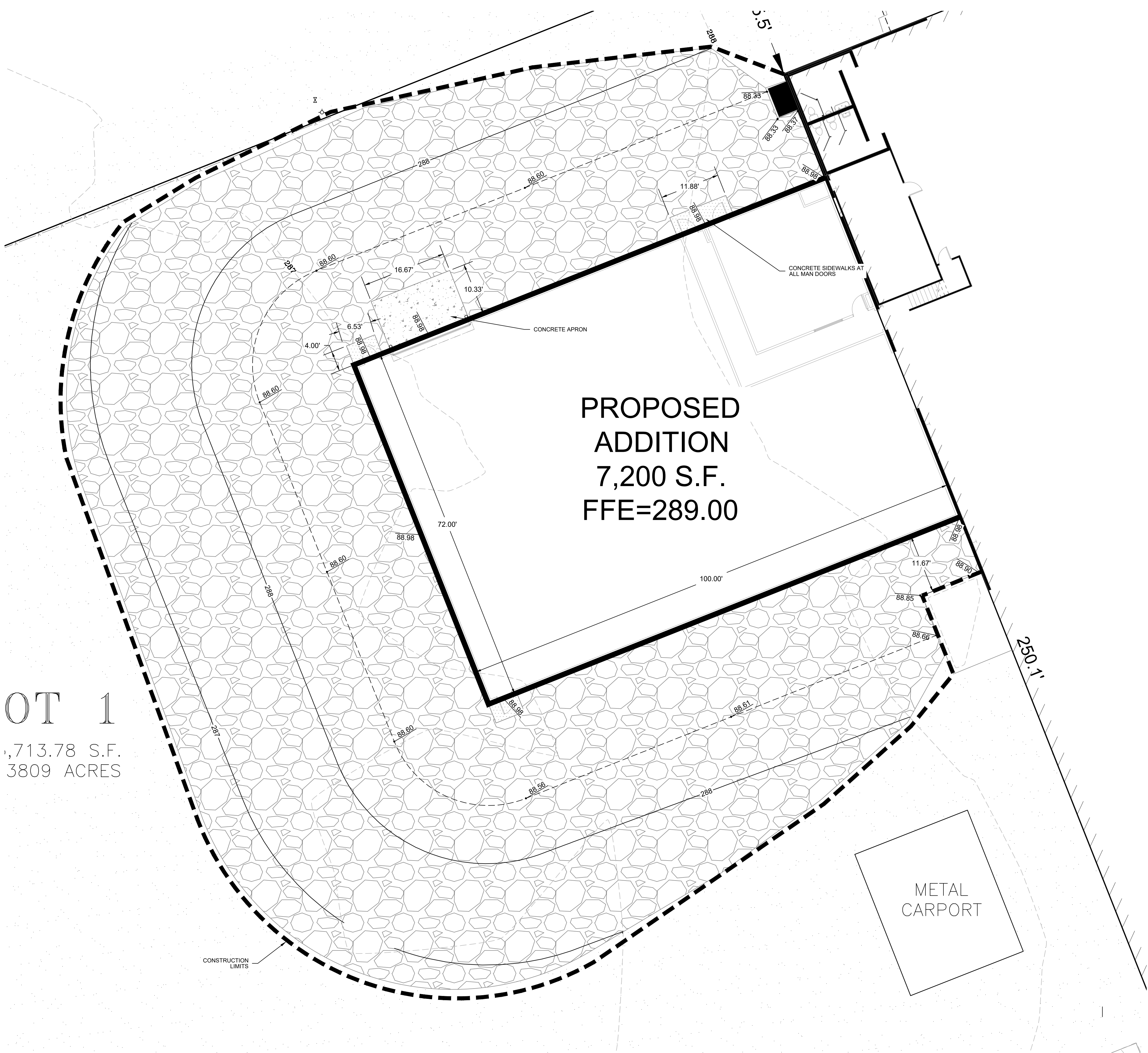
HEAVY DUTY CONCRETE APRONS
6" 4000 P.S.I. CONCRETE
6" COMPACTED SB-2 (95% MOD. PROCTOR) OR
24" COMPACTED SUBGRADE (95% MOD. PROCTOR)



CONCRETE SIDEWALK
4" THICK 3000 P.S.I. CONCRETE



GRAVEL PAVEMENT
10" COMPACTED SB-2 (95% MOD. PROCTOR)
24" COMPACTED SUBGRADE (95% MOD. PROCTOR)



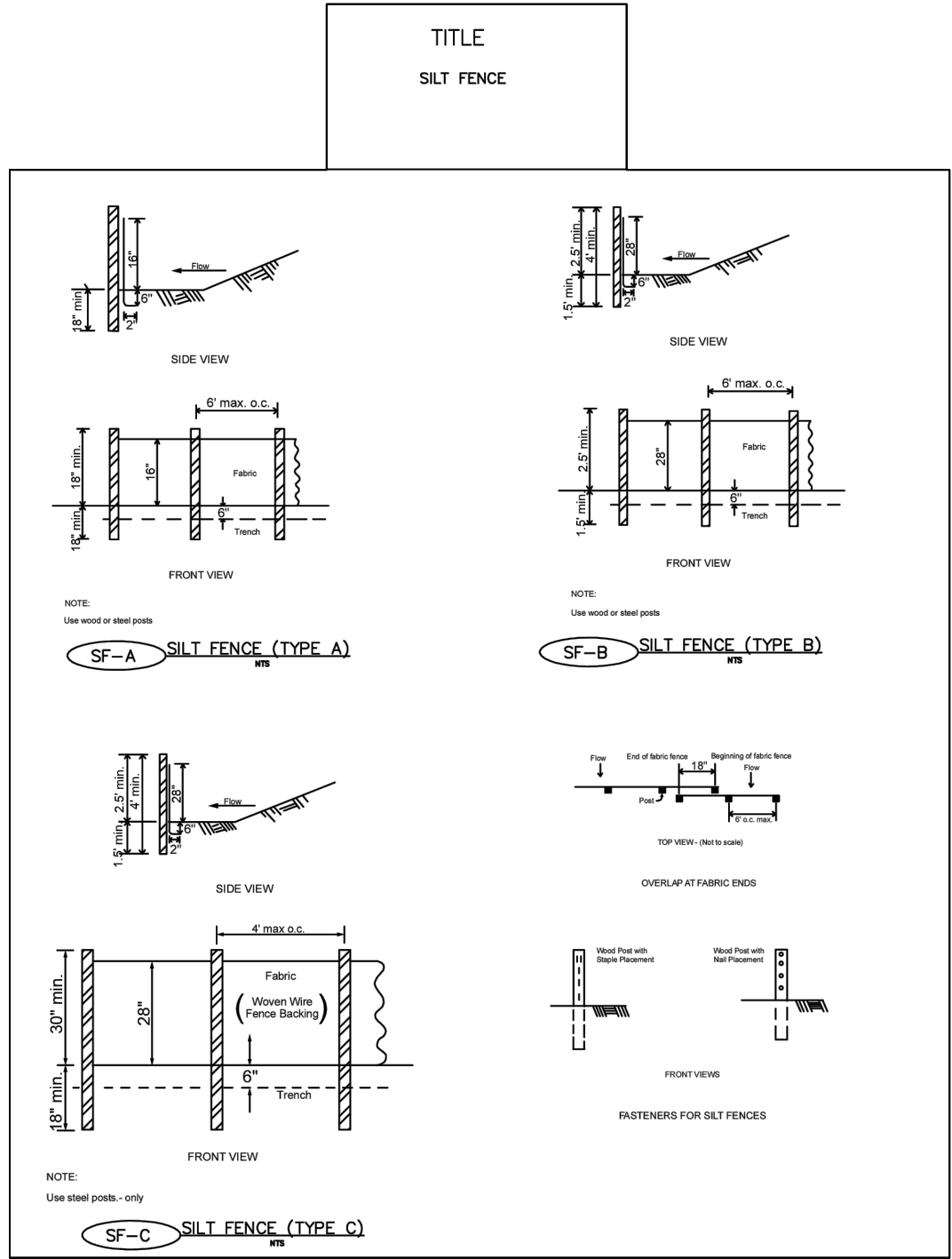
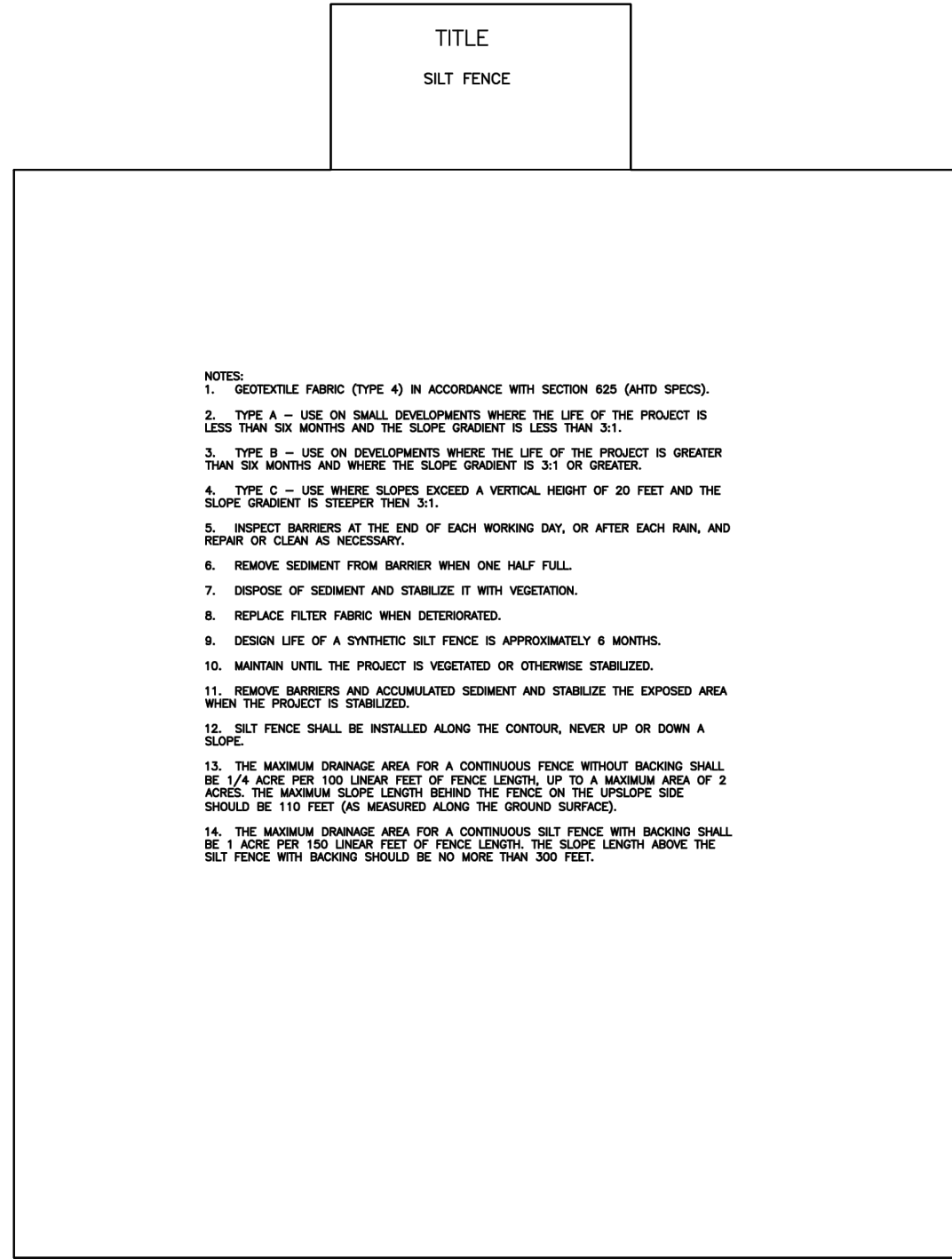
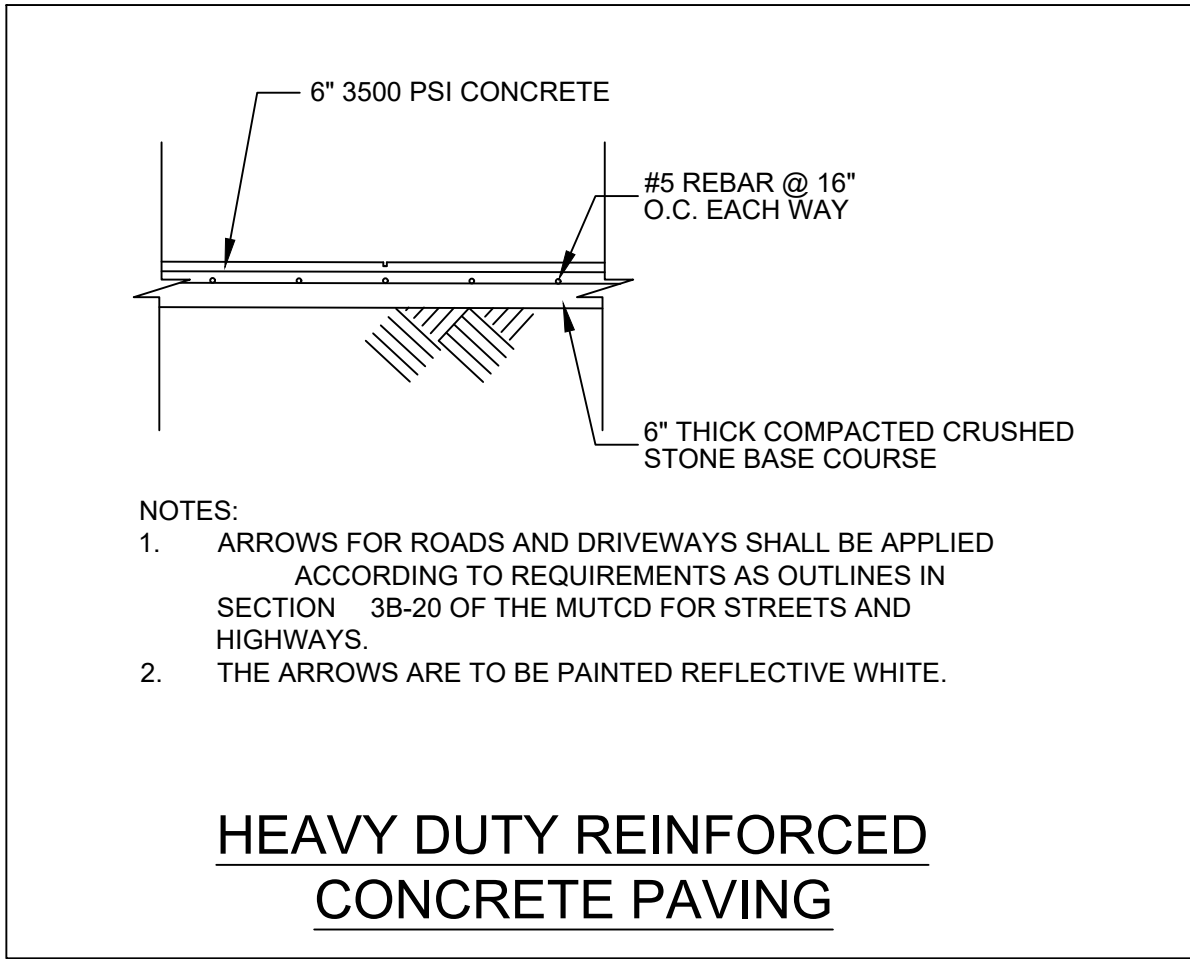
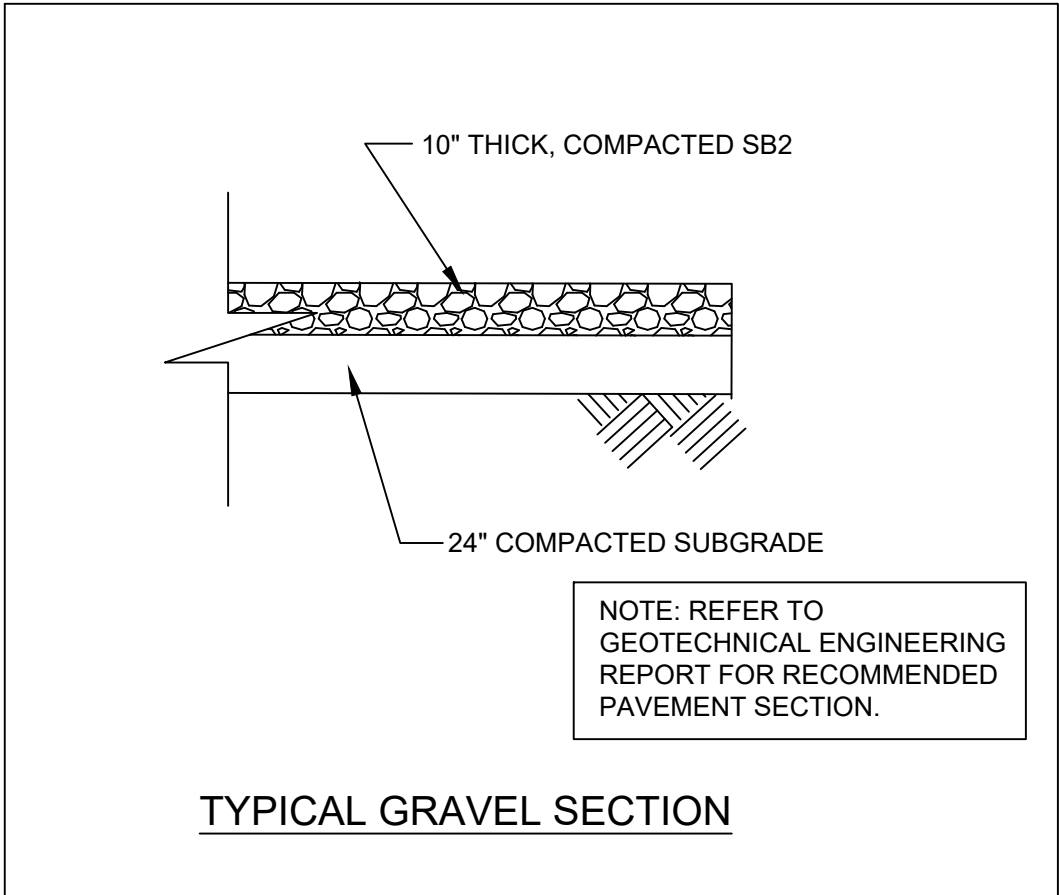
STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

PROJECT NO.
26027
DATE:
AUGUST 26, 2026

GRADING &
PAVING PLAN

C3.00



REVISIONS:

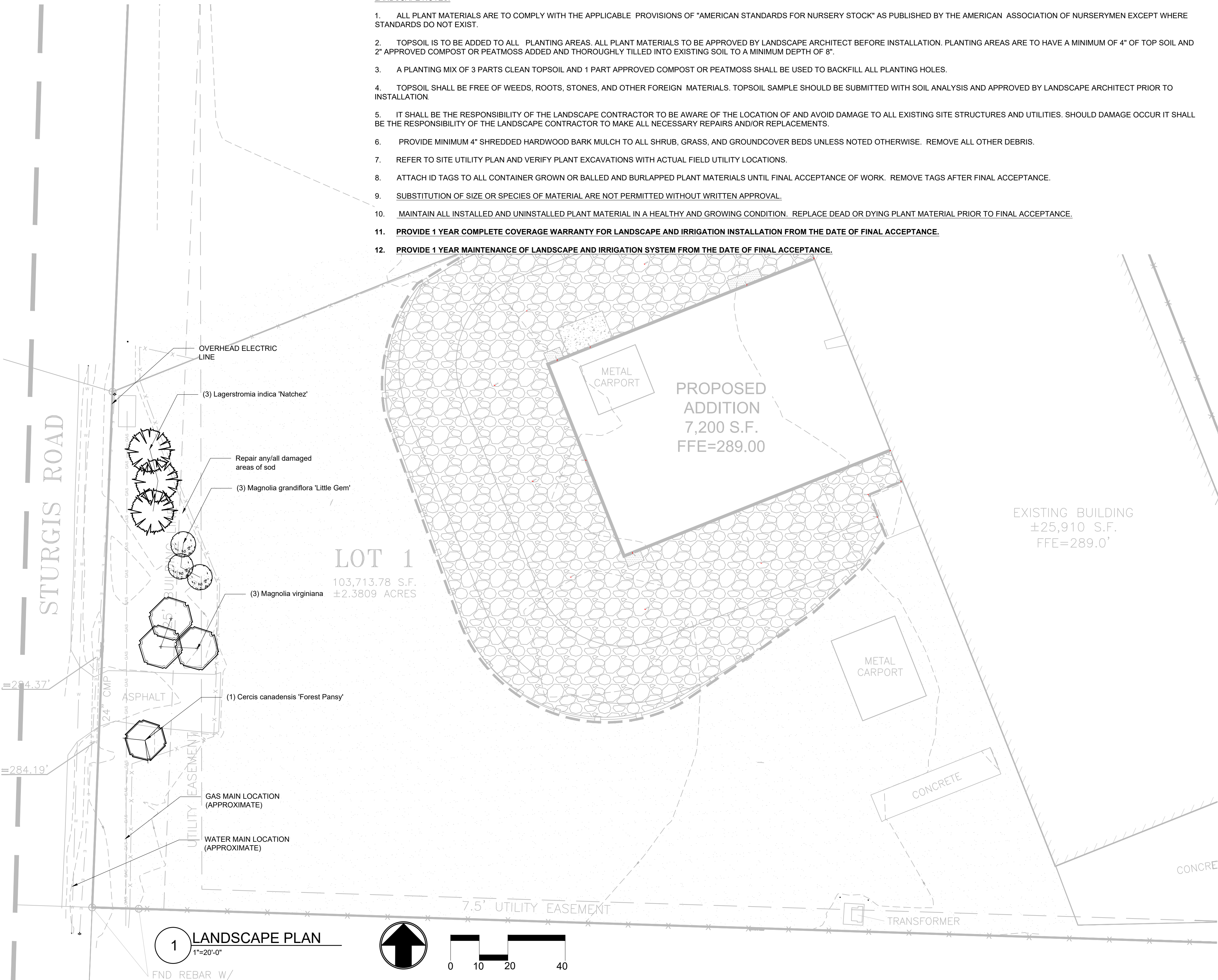
PROJECT NO.
26027
DATE:
AUGUST 26, 2026

STANDARD
DETAILS

C4.00

LANDSCAPE NOTES:

- ALL PLANT MATERIALS ARE TO COMPLY WITH THE APPLICABLE PROVISIONS OF "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN EXCEPT WHERE STANDARDS DO NOT EXIST.
- TOPSOIL IS TO BE ADDED TO ALL PLANTING AREAS. ALL PLANT MATERIALS TO BE APPROVED BY LANDSCAPE ARCHITECT BEFORE INSTALLATION. PLANTING AREAS ARE TO HAVE A MINIMUM OF 4" OF TOP SOIL AND 2" APPROVED COMPOST OR PEATMOSS ADDED AND THOROUGHLY TILLED INTO EXISTING SOIL TO A MINIMUM DEPTH OF 8".
- A PLANTING MIX OF 3 PARTS CLEAN TOPSOIL AND 1 PART APPROVED COMPOST OR PEATMOSS SHALL BE USED TO BACKFILL ALL PLANTING HOLES.
- TOPSOIL SHALL BE FREE OF WEEDS, ROOTS, STONES, AND OTHER FOREIGN MATERIALS. TOPSOIL SAMPLE SHOULD BE SUBMITTED WITH SOIL ANALYSIS AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
- IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO BE AWARE OF THE LOCATION OF AND AVOID DAMAGE TO ALL EXISTING SITE STRUCTURES AND UTILITIES. SHOULD DAMAGE OCCUR IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO MAKE ALL NECESSARY REPAIRS AND/OR REPLACEMENTS.
- PROVIDE MINIMUM 4" SHREDDED HARDWOOD BARK MULCH TO ALL SHRUB, GRASS, AND GROUNDCOVER BEDS UNLESS NOTED OTHERWISE. REMOVE ALL OTHER DEBRIS.
- REFER TO SITE UTILITY PLAN AND VERIFY PLANT EXCAVATIONS WITH ACTUAL FIELD UTILITY LOCATIONS.
- ATTACH ID TAGS TO ALL CONTAINER GROWN OR BALLED AND BURLAPPED PLANT MATERIALS UNTIL FINAL ACCEPTANCE OF WORK. REMOVE TAGS AFTER FINAL ACCEPTANCE.
- SUBSTITUTION OF SIZE OR SPECIES OF MATERIAL ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL.
- MAINTAIN ALL INSTALLED AND UNINSTALLED PLANT MATERIAL IN A HEALTHY AND GROWING CONDITION. REPLACE DEAD OR DYING PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
- PROVIDE 1 YEAR COMPLETE COVERAGE WARRANTY FOR LANDSCAPE AND IRRIGATION INSTALLATION FROM THE DATE OF FINAL ACCEPTANCE.
- PROVIDE 1 YEAR MAINTENANCE OF LANDSCAPE AND IRRIGATION SYSTEM FROM THE DATE OF FINAL ACCEPTANCE.



NOTES:

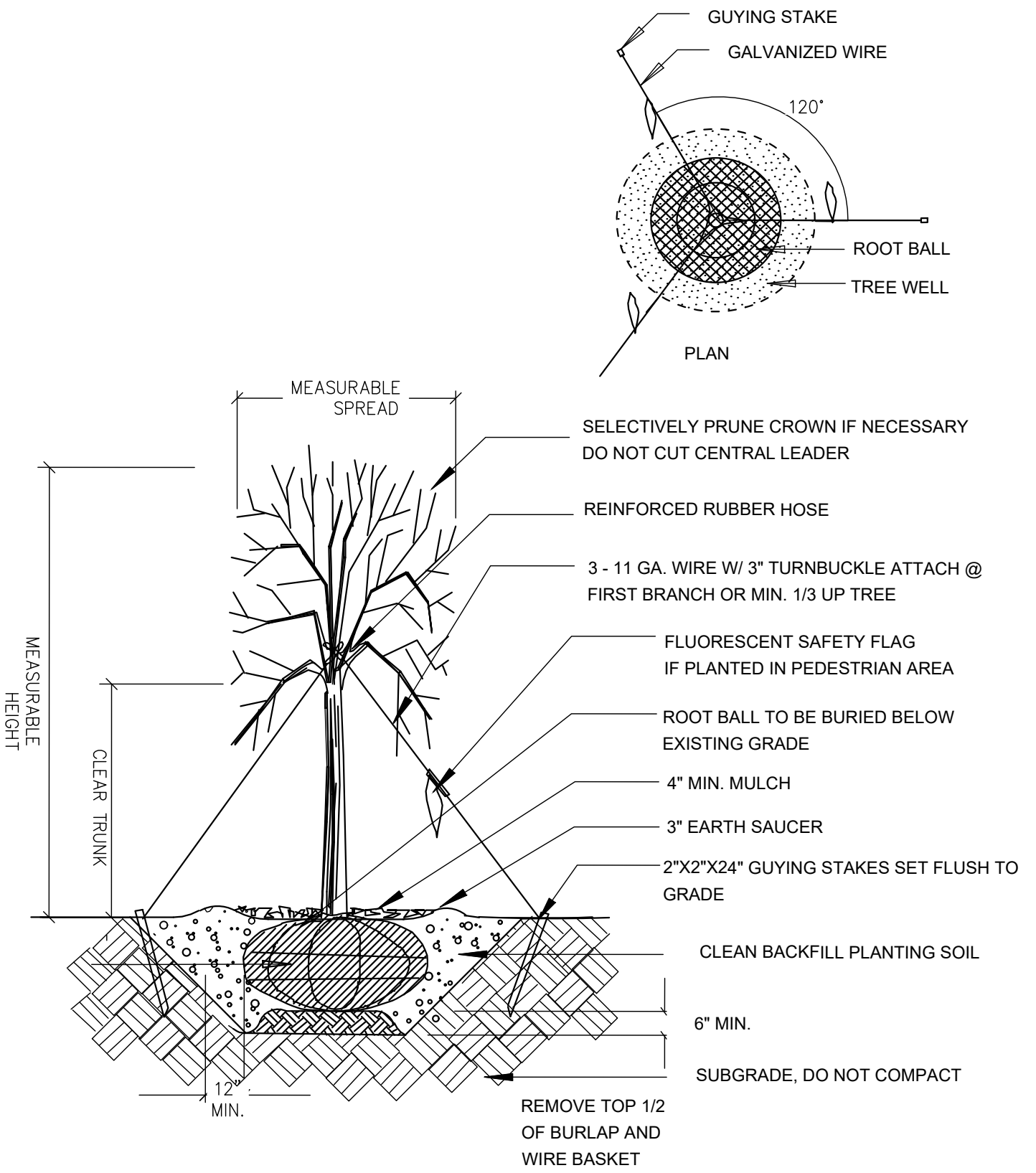
- DO NOT SCALE DRAWINGS. CONTACT LANDSCAPE ARCHITECT FOR ANY NEEDED DIMENSIONS.
- PROPERTY IS ZONED: I-3. ADJACENT USES ZONED I-3.
- SEE THIS SHEET FOR LANDSCAPE DETAILS AS WELL AS IRRIGATION AND LANDSCAPE NOTES.
- PROVIDE MIN 4" MULCH TO ALL TREE RINGS.
- SEE CIVIL DRAWINGS FOR EXTENTS OF CLEARING/DEMOLITION.
- OWNER: STEELE PLASTICS INC.
1280 STURGIS RD
CONWAY, AR 72034

LANDSCAPE ARCHITECT: JIM CRANOR
2724 CHERT CV
SHERWOOD, AR
72120
501-351-7171

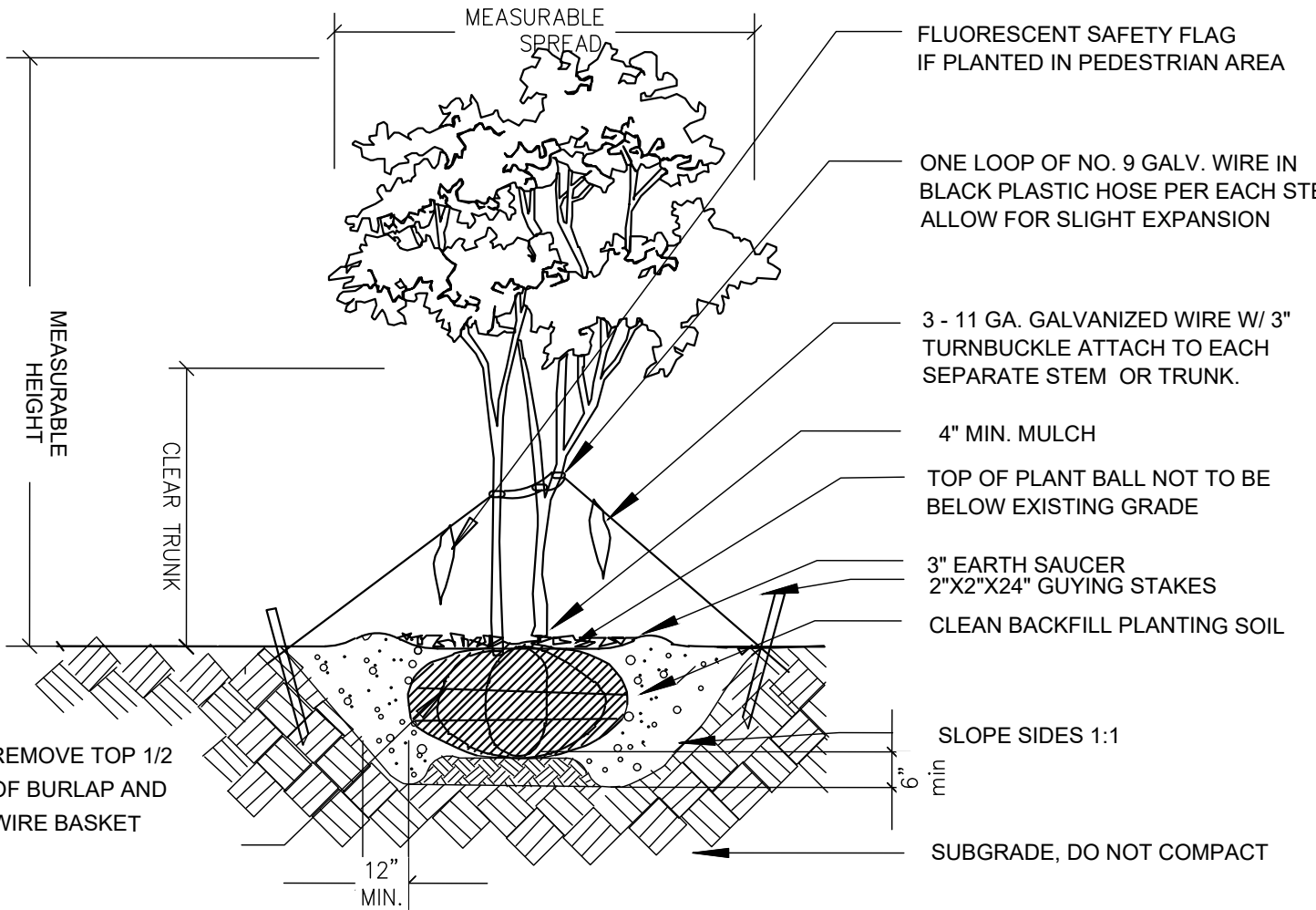
7. CONTACT ARKANSAS UTILITY LOCATION SERVICES (811) MINIMUM 3 DAYS PRIOR TO INSTALLING LANDSCAPE OR IRRIGATION. SUBMIT PLAN TO CONWAY CORPORATION FOR REVIEW.

8. PROVIDE MEANS FOR WATERING ALL PLANT MATERIAL INSTALLED PER THIS PLAN.

SYMBOL	QTY	NAME	SPECIFIED SIZE	NOTES
	1	FOREST PANSY REDBUD CERCIS CANADENSIS 'FOREST PANSY'	6-7' TALL X 2' WIDE 1 1/2" CAL (12" ABOVE BASE)	POSITIVE GROWTH, SYMMETRICAL SINGLE TRUNK WITH WELL BRANCHED CANOPIES
	3	SWEETBAY MAGNOLIA MAGNOLIA VIRGINIANA	(3)-3/4" CAL TRUNKS (12" ABOVE BASE) 5-6"TX18"W	POSITIVE GROWTH, SYMMETRICAL WITH WELL BRANCHED CANOPIES
	3	LITTLE GEM MAGNOLIA MAGNOLIA GRANDIFLORA 'LITTLE GEM'	5-6' TALL X 2'-3' WIDE 1 1/2" CAL (12" ABOVE BASE)	POSITIVE GROWTH, SYMMETRICAL WITH WELL BRANCHED CANOPIES
	3	NATCHEZ CRAPE MYRTLE LAGERSTROMIA INDICA 'NATCHEZ'	(3)-1" CAL TRUNKS (12" ABOVE BASE) 6-8"TX24"W	POSITIVE GROWTH, SYMMETRICAL WITH WELL BRANCHED CANOPIES (WHITE FLOWERING VARIETY)



3 TREE PLANTING DETAIL
NOT TO SCALE



2 MULTI TRUNK TREE PLANTING DETAIL
NOT TO SCALE

REVISIONS:

PROJECT NO.
26027
DATE:
Aug 22, 2026

LANDSCAPE
PLAN

CONCRETE MATERIAL

1. ALL CONCRETE SHALL BE NORMAL WEIGHT (DENSITY=145 PCF) AND SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH THE FOLLOWING, U.N.O.:

ALL FOUNDATIONS

INTERIOR SLABS

EXTERIOR STRUCTURAL SLABS

ALL OTHER CONCRETE (U.N.O.)

CURBS & SIDEWALKS

3000 PSI

3500 PSI

3500 PSI

3000 PSI

SEE CIVIL

WATER-TO-CEMENT PLUS POZZOLANIC MATERIALS RATIO SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

F'c (psi)	NON-AIR ENTRAINED	AIR ENTRAINED
4,000	0.57	0.48
3,000	0.68	0.59

2. ALL FOUNDATION CONCRETE SHALL BE 4-6% AIR ENTRAINED. SLAB CONCRETE SHALL NOT HAVE ENTRAINED AIR, U.N.O.

3. THE SLUMP OF ALL CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF CONCRETE CONTAINING A HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 9".

4. CONCRETE COARSE AGGREGATE SIZE SHALL BE ASTM C33 #57.

5. THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW A MINIMUM OF ONE WEEK PRIOR TO PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX DESIGNS SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD.

6. FLY ASH TO BE LIMITED TO 25% OF TOTAL CEMENTITIOUS MATERIAL BY WEIGHT.

CONCRETE REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. ALL WELDED REINFORCING BARS SHALL CONFORM TO ASTM A706. DEFORMED BAR ANCHORS (DBA) SHALL CONFORM TO ASTM A1064.

2. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064. WIRE FABRIC SHALL BE SUPPLIED IN SHEETS. ROLLED FABRIC WILL NOT BE ACCEPTED. WIRE FABRIC SHALL BE PLACED AT THE MID-DEPTH OF THE SLAB. WIRE FABRIC SHALL BE SUPPORTED ON CONTINUOUS HIGH CHAIRS SPACED NOT MORE THAN 4 FEET O.C.

3. ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. ALL DOWELS ARE TO BE TIED IN PLACE. IF ANY DOWELS ARE 'STABBED' AFTER THE CONCRETE HAS BEEN PLACED, THE CONCRETE SHALL BE REMOVED AND REPLACED.

4. ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES, AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE".

5. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:

UNFORMED SURFACE IN CONTACT WITH THE GROUND

FORMED SURFACES EXPOSED TO EARTH OR WEATHER:

#6 BARS AND LARGER

#5 BARS AND SMALLER

FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:

BEAMS, GIRDERS AND COLUMNS

SLABS, WALLS AND JOISTS:

#11 BARS AND SMALLER

#14 AND #18 BARS

3 IN.

2 IN.

1½ IN.

1½ IN.

¾ IN.

1½IN.

6. ALL BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., WHICH ARE BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.

7. PROVIDE CORNER BARS AT ALL CORNERS AND INTERSECTIONS OF CONCRETE WALLS, CONCRETE BEAMS, CONTINUOUS FOOTINGS, THICKENED SLABS, AND TURNDOWNS. CORNER BAR SIZE SHALL MATCH HORIZONTAL BAR SIZE. CORNER BARS ARE TO BE LAPPED 40 BAR DIAMETERS.

8. ALL LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE. ALL SPLICES ARE CLASS "B" SPLICES.

SPLICE LENGTHS (IN.)										
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	
TOP BARS*	21	28	35	42	61	69	78	88	98	
OTHER BARS	16	21	27	32	47	53	60	68	75	

* TOP BARS REFER TO ANY HORIZONTAL REINFORCEMENT WITH MORE THAN 12 INCHES OF FRESH CONCRETE PLACED BELOW.

FOUNDATION, SLAB-ON-GRADE - GENERAL

1. FOUNDATION DESIGN IS BASED ON THE INFORMATION AND RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT PREPARED BY MTA ENGINEERS DATED JULY 9, 2026.

2. THE FOUNDATIONS HAVE BEEN DESIGNED FOR A NET ALLOWABLE BEARING PRESSURE OF 1,500 PSF FOR CONTINUOUS FOOTINGS AND 2,000 PSF FOR SPREAD FOOTINGS..

3. ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.

4. FOOTINGS MAY BE POURED INTO AN EARTHEN FORMED TRENCH IF SOIL CONDITIONS PERMIT.

5. VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH ARCHITECTURAL DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED.

6. UNDER-SLAB DRAINAGE FILL TO BE A MINIMUM 4-INCH COMPACTED LAYER OF WASHED ASTM C33 No. 57 STONE. THE DRAINAGE FILL MAY BE CAPPED W/ 2" COMPACTED CLASS 7 BASE TO PREVENT RUTTING.

7. NO BUILDING FOUNDATIONS, INCLUDING GRADE BEAMS, ARE TO BE PENETRATED WITH CONDUITS, PIPES, ETC. UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL PLANS OR EXPRESS CONSENT IS GIVEN BY THE E.O.R.

PRE-ENGINEERED METAL BUILDING NOTES

1. THE BUILDING SHALL BE A MANUFACTURER'S STANDARD PREFABRICATED METAL STRUCTURE OF THE APPROXIMATE INSIDE AREA SHOWN, EXCEPT AS NOTED. RIGID FRAMES SHALL BE SPACED AS SHOWN ON THE PLANS, BUT OVERALL DIMENSIONS AND CONSTRUCTION DETAILS MAY VARY TO SUIT MANUFACTURER'S STANDARD DESIGN. MINIMUM WEB THICKNESS OF RIGID FRAMES SHALL BE 3/16".

2. THE BUILDING SHALL BE DESIGNED AND FABRICATED ACCORDING TO AISC, MBMA, AND AISI LATEST SPECIFICATIONS. THE DIMENSIONAL TOLERANCES OUTLINED IN THE AWS CODE UNDER WORKMANSHIP AND THE TOLERANCES APPLICABLE TO ROLL FORM STEEL UNDER THE AISC "STANDARD MILL PRACTICE" SECTION SHALL BE REQUIRED IN THE FABRICATION OF THE STEEL BUILDING FRAMES.

3. THE BUILDING "RIGID" FRAMES SHALL BE DESIGNED TO LIMIT THE LATERAL DEFLECTION TO LIMITS SET BY THE CODES FOR BRITTLE FINISHES AND BRICK VENEER, IF MASONRY IS PRESENT. THE PURLINS AND BUILDING FRAMES SHALL BE DESIGNED TO LIMIT VERTICAL DEFLECTIONS TO THE LIMITS STATED BELOW.

4. A COMPLETE DESIGN ANALYSIS SHOWING ALL CALCULATIONS FOR THE RIGID FRAMES, GIRTS, PURLINS, AND X-BRACING FOR LATERAL LOADS AND LAYOUT OF ANCHOR BOLTS AND OTHER EMBEDDED ITEMS SHALL BE SUBMITTED FOR APPROVAL WITH THE SHOP DRAWINGS. SHOP DRAWINGS SHALL INCLUDE DETAILS OF ALL MAIN MEMBERS, TYPICAL CONNECTIONS (SHOWING BOLT HOLES AND WELDS), AND ERECTION DRAWINGS. THE SHOP DRAWINGS MUST BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF THE PROJECT LOCATION.

5. THE BUILDING SHALL BE DESIGNED TO SUPPORT ALL MECHANICAL EQUIPMENT INCLUDING HEATERS, SPRINKLERS, EXHAUST SYSTEMS, SERVICE EQUIPMENT, AND ALL OTHER SUCH DEVICES. ADDITIONAL GIRTS OR PURLINS SHALL BE PLACED IN CONVENIENT LOCATIONS FOR ATTACHMENT OF ALL MECHANICAL EQUIPMENT. ADDITIONAL LOADS ARE SHOWN ON THE FRAMING PLANS AND SECTIONS. PROVISIONS SHALL BE MADE AND COORDINATED WITH THE STRUCTURAL STEEL FABRICATOR TO ACCOMMODATE THE NECESSARY CONNECTIONS BETWEEN THE PEMB AND THE STRUCTURAL STEEL MEMBERS SHOWN ON THE PLANS.

6. COMBINATION DESIGN LOADS CONDITIONS SHOULD COMPLY WITH MBMA SPECIFICATIONS.

7. ALL COLUMN REACTIONS SHALL BE SUBMITTED PRIOR TO FOUNDATION EXCAVATION AND SUBMITTAL OF REINFORCING STEEL SHOP DRAWINGS.

8. DEFLECTION CRITERIA:

STORY DRIFT LIMITS:

WIND DRIFT:

PRIMARY FRAME:

PORTAL FRAME:

SEISMIC DRIFT SHALL BE ACCORDING TO TABLE 12.12-1,ASCE 7-16

HORIZONTAL DEFLECTION LIMITS:

WIND GIRTS:

END WALL COLUMNS:

VERTICAL DEFLECTION LIMITS:

RAFTERS:

PURLINS:

WALL PANEL:

ROOF PANEL:

H/60

H/60

L/90

L/90

L/240

L/240

L/60

L/60

9. PROVIDE Z PURLINS WITH LIGHT GAUGE STRAP BRIDGING FOR PURLIN STRESS REVERSAL DURING WIND UPLIFT LOADING. (SUPERIMPOSED DEAD LOAD NOT APPLIED FOR THIS CASE).

10. ROOF LIVE LOAD REDUCTION IS **NOT** ALLOWED FOR DESIGN OF ROOF PURLINS.

11. DO NOT USE CABLES FOR 'X' BRACING. PROVIDE RODS OR HEAVIER MEMBERS FOR 'X' BRACING.

POST-INSTALLED ANCHORS

1. ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI OR SUCH OTHER METHODS AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE, AND INSTALLATION TEMPERATURE.

2. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.

3. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFI SYSTEM.

4. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.

5. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

6. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, BY HILTI FERROSCAN, GPR, X-RAY, CHIPPING, OR OTHER MEANS.

7. EXPANSION ANCHORS FOR USE IN CONCRETE SHALL BE ONE OF THE FOLLOWING:

A. HILTI KWIK BOLT KB-T22 EXPANSION ANCHORS, PER ICC ESR-4266.

B. SIMPSON STRONG BOLT 2, PER ICC ESR-3037.

C. DeWALT POWER-STUD+ SD2, PER ICC ESR-2502.

8. EXPANSION ANCHORS FOR USE IN GROUTED MASONRY SHALL BE ONE OF THE FOLLOWING:

A. HILTI KWIK BOLT KB-T22 EXPANSION ANCHORS, PER ICC ESR-4561.

B. SIMPSON STRONG BOLT 2, PER IAPMO ER-240.

C. DeWALT POWER-STUD+ SD1, PER ICC ESR-2818.

9. SCREW ANCHORS FOR USE IN CONCRETE SHALL BE ONE OF THE FOLLOWING:

A. HILTI KWIK HUS-EZ, PER ICC ESR-3027.

B. SIMPSON TITEN HD, PER ICC ESR-2713.

C. DeWALT SCREW-BOLT+, PER ICC ESR-3889.

10. POST-INSTALLED EPOXY FOR CONCRETE SHALL BE ONE OF THE FOLLOWING:

A. HILTI HIT-RE 500/3, PER ICC ESR-3814.

B. SIMPSON SET-3G, PER ICC ESR-4057.

C. DeWALT PURE 220+, PER ICC ESR-5144.

11. POST-INSTALLED EPOXY FOR MASONRY SHALL BE ONE OF THE FOLLOWING:

A. HILTI HIT-HY 270, PER ICC ESR-4143.

B. SIMPSON SET-3G, PER ICC ESR-4844.

C. DeWalt AC100+ GOLD, PER ICC ESR-3200.

GENERAL NOTES

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY SHORING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTORS PROPERTY AFTER THE COMPLETION OF THE PROJECT.

2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

3. ALL DIMENSIONS ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. THE ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY RELEVANT DIMENSIONAL DISCREPANCIES.

4. GOVERNING CODE: 2021 ARKANSAS FIRE PREVENTION CODE.

5. ALL FRAMING SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ENSURE ADEQUATE CLEARANCES FOR CHASES, DUCT WORK, PIPING, ETC.

6. DESIGN LOADS:

ROOF DEAD LOAD:

ROOF COLLATERAL LOAD:

ROOF LIVE LOAD:

SNOW DESIGN CRITERIA:

GROUND SNOW LOAD:

SNOW IMPORTANCE FACTOR:

FLAT ROOF SNOW LOAD:

WIND DESIGN CRITERIA:

RISK CATEGORY:

BASIC WIND SPEED:

EXPOSURE CATEGORY:

COMPONENT AND CLADDING LOADS PER ASCE 7-16 CHAPTER 30

SEISMIC DESIGN CRITERIA:

SITE CLASS:

SEISMIC RISK CATEGORY:

SEISMIC IMPORTANCE FACTOR:

SEISMIC DESIGN CATEGORY:

S_S = 0.479 F_a = 1.3 S_{M5} = 0.623 S_{D5} = 0.415

S₁ = 0.159 F_v = 1.5 S_{M1} = 0.238 S_{D1} = 0.159

BASIC SEISMIC-FORCE-RESISTING SYSTEM: STEEL SYSTEM NOT SPECIFICALLY

ANALYSIS PROCEDURE: EQUIVALENT LATERAL-FORCE PROCEDURE

MISCELLANEOUS

1. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING REQUIREMENTS FROM SUCH DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK.

3. ANY DETAIL TITLED AS A TYPICAL DETAIL IS APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS.

4. NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD.

5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD.

6. OPENINGS IN WALLS AND DECK, WHICH ARE 1'-4" AND LESS ON A SIDE, ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.

7. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.

8. THE STRUCTURE IS DESIGN TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.

9. DO NOT SCALE THESE DRAWINGS. USE SPECIFIED DIMENSIONS.

10. CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

11. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL-OF-RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL-OF-RECORD'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL-OF-RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL-OF-RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.

SUBMITTAL PROCEDURES

1. SHOP DRAWINGS SHALL BE PRODUCED FROM SCRATCH. THE SHOP DRAWINGS SHALL NOT BE PRODUCED FROM DIGITAL COPIES OR SCANS OF THE E.O.R. DRAWINGS. IF THE E.O.R. DRAWINGS ARE DIGITALLY REPRODUCED AND USED IN SUBMITTED SHOP DRAWINGS, THE SHOP DRAWINGS SHALL BE REJECTED IN WHOLE.

2. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER FOR THIS PROJECT MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL ALL RELATED SUBMITTALS ARE RECEIVED.

3. SHOP DRAWINGS SHALL BE SUBMITTED IN AN **UNLOCKED** 'PDF' ELECTRONIC FORMAT. LOCKED 'PDF' FILES WILL NOT BE ACCEPTED. THE SHOP DRAWINGS WILL BE REVIEWED, MARKED UP, AND RETURNED IN 'PDF' ELECTRONIC FORMAT.

4. EACH SUBMITTAL WILL BE REVIEWED A MAXIMUM OF TWO TIMES. AFTER AN INCOMPLETE/INCORRECT SUBMITTAL HAS BEEN REJECTED A SECOND TIME THE CONTRACTOR WILL BE BILLED FOR FURTHER SUBMITTAL REVIEWS.

SEISMIC NOTE

I hereby certify that the structural load carrying members of this building structure have been designed in accordance with Arkansas Act 1100 1991.

Jason R. Myers, P.E.
Arkansas Registration No. 10445



STEEL PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

PROJECT NO.
26027
DATE:
August 26, 2026

STRUCTURAL
NOTES

S0.1



STEEL PLASTICS
BUILDING EXPANSION

1280 Sturgis Road
Conway, Arkansas 72034

STRUCTURAL
NOTES

S0.2

ABBREVIATIONS

AB	ANCHOR BOLT	LL	LIVE LOAD
AFF	ABOVE FINISH FLOOR	LLH	LONG LEG HORIZONTAL
ARCH	ARCHITECT	LLV	LONG LEG VERTICAL
BOD	BOTTOM OF DECK	LONG	LONGITUDINAL
BOS	BOTTOM OF STEEL	LW	LIGHTWEIGHT
BFF	BELOW FINISH FLOOR	MANUF	MANUFACTURER
BLDG	BUILDING	MAX	MAXIMUM
BOT	BOTTOM	MIN	MINIMUM
CJ	CONSTRUCTION JOINT	MISC	MISCELLANEOUS
CL	CENTERLINE	MTL	METAL
CLR	CLEAR	NW	NORMAL WEIGHT
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
COL	COLUMN	OHD	OVER HEAD DOOR
CONC	CONCRETE	OH	OPPOSITE HAND
CONT	CONTINUOUS	PEMB	PRE-ENGINEERED METAL BUILDING
DB	DECK BEARING	PED	PEDESTAL
DBA	DEFORMED BAR ANCHOR	PCF	POUNDS PER CUBIC FOOT
DIA	DIAMETER	PCI	POUNDS PER CUBIC INCH
DL	DEAD LOAD	PLF	POUNDS PER LINEAR FOOT
DTL	DETAIL	PSF	POUNDS PER SQUARE FOOT
E.O.R.	ENGINEER OF RECORD	PSI	POUNDS PER SQUARE INCH
ENG	ENGINEERED	QTY	QUANTITY
EE	EACH END	RE	REFER
EF	EACH FACE	REINF	REINFORCEMENT
EW	EACH WAY	REQ'D	REQUIRED
ELEV	ELEVATION	SC	SAW CUT
FPE	FINISH FLOOR ELEVATION	SCHED	SCHEDULE
FLR	FLOOR	SIM	SIMILAR
FND	FOUNDATION	SQ	SQUARE
FTG	FOOTING	STD	STANDARD
GA	GAUGE	T&B	TOP AND BOTTOM
GALV	GALVANIZED	TC	TOP OF CURB
GB	GRADE BEAM	TF	TOP OF FOOTING
GWB	GYP SUM WALL BOARD	TGB	TOP OF GRADE BEAM
H	HORIZONTAL	TP	TOP OF PIER
HORIZ	HORIZONTAL	TPC	TOP OF PIER CAP
HSA	HEADED STUD ANCHOR	TPED	TOP OF PEDESTAL
IMP	INSULATED METAL PANEL	TOS	TOP OF STEEL
ICP	INSULATED CONCRETE PANEL	TW	TOP OF WALL
INSUL	INSULATION	TYP	TYPICAL
INT	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
JB	JOIST BEARING	V	VERTICAL
KSI	KIPS PER SQUARE INCH	VERT	VERTICAL
LGST	LIGHT GAGE STEEL TRUSS	WD	WOOD

REQUIRED SPECIAL INSPECTIONS - BY TESTING AGENCY

In addition to the regular inspections required by Section 110 of the IBC, the following items require Special Inspection in accordance with Section 1704 and 1705 of the 2021 IBC.

SECTION 1704.2.5
SPECIAL INSPECTION OF FABRICATED ITEMS

Where fabrication of structural, load-bearing, or lateral load-resisting members or assemblies is being conducted on the premises of a fabricator's shop, special inspections of the fabricated items shall be performed during fabrication, except where the fabricator has been approved to perform work without special inspections in accordance with section 1704.2.5.1.

SECTION 1704.2.5.1
FABRICATOR APPROVAL

Special inspections during fabrication are not required where the work is done on the premises of a fabricator approved to perform such work without special inspection. Approval shall be based on review of the fabricator's written fabrication procedures and quality control manuals that provide a basis for control of materials and workmanship, with periodic auditing of fabrication and quality control practices by an approved agency or the building official. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the owner or the owner's authorized agent for submittal to the building official as specified in Section 1704.5 stating that the work was performed in accordance with the approved construction documents.

SECTION 1705.2.1
STRUCTURAL STEEL

Special inspections and nondestructive testing of structural steel elements in buildings, structures, and portions thereof shall be in accordance with the quality assurance inspection requirements of AISC 360.

TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK		CONTINUOUS (C) OR PERIODIC (P)	REQUIRED
1.	Inspect reinforcement, including prestressing tendons, and verify placement.	P	N
2.	Reinforcing bar welding: a. Verify weldability of reinforcing bars other than astm A706. b. Inspect single-pass fillet welds, maximum 5/16". c. Inspect all other welds.	P P C	N N N
3.	Inspect anchors cast in concrete.	P	N
4.	Inspect anchors post-installed in hardened concrete members: a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and other adhesive anchors.	C P	Y Y
5.	Verify use of required design mix.	P	Y
6.	Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	C	Y
7.	Inspect concrete and shotcrete placement for proper application techniques.	C	N
8.	Verify maintenance of specified curing temperature and techniques.	P	N
9.	Inspection of prestressed concrete for: a. Application of prestressing forces. b. Grouting of bonded prestressing tendons.	C C	N N
10.	Inspect erection of precast concrete members.	P	N
11.	For precast concrete diaphragm connections or reinforcement at joists classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category C, D, E, or F, inspect such connections and reinforcement in the field for: a. Installation of the embedded parts. b. Completion of the continuity of reinforcement across joints. c. Completion of connections in the field.	C C C	N N N
12.	Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	P	N
13.	Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	P	N
14.	Inspect formwork for shape, location, and dimensions of the concrete member being formed.	P	N

TABLE 1705.6
REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK		CONTINUOUS (C) OR PERIODIC (P)	REQUIRED
1.	Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	P	Y
2.	Verify excavations are extended to proper depth and have reached proper material.	P	Y
3.	Perform classification and testing of compacted fill materials.	P	Y
4.	During fill placement, verify use of proper materials and procedures in accordance with the provisions of the approved geotechnical report. Verify densities and lift thicknesses during placement and compaction of compacted fill.	C	Y
5.	Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	P	Y



STEEL PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

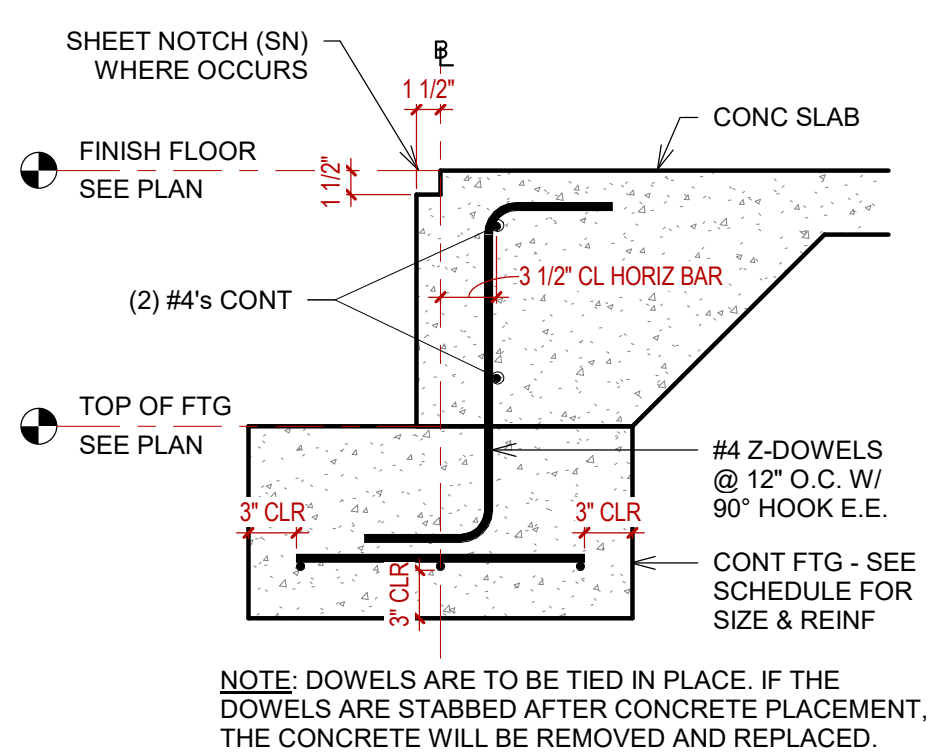
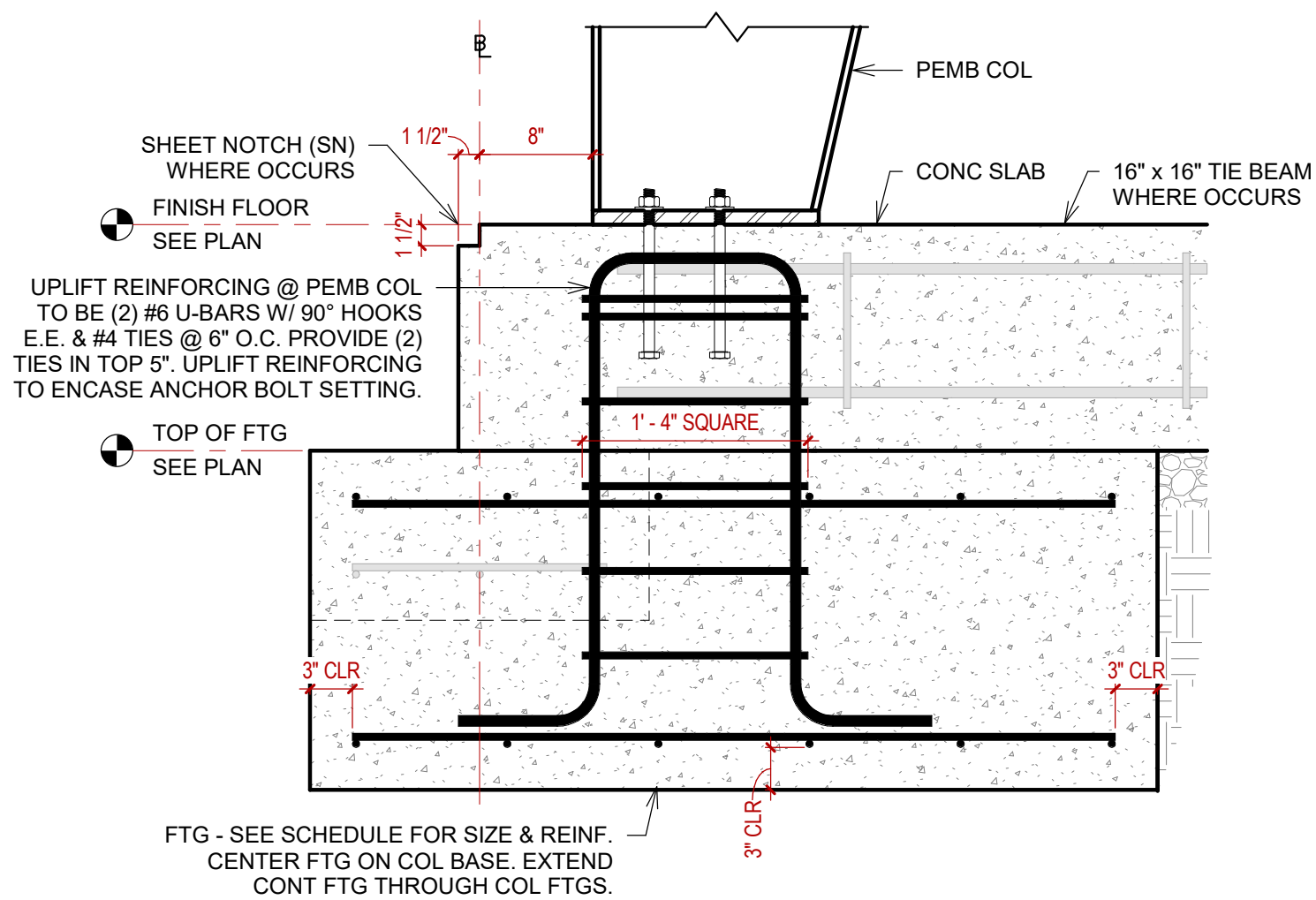
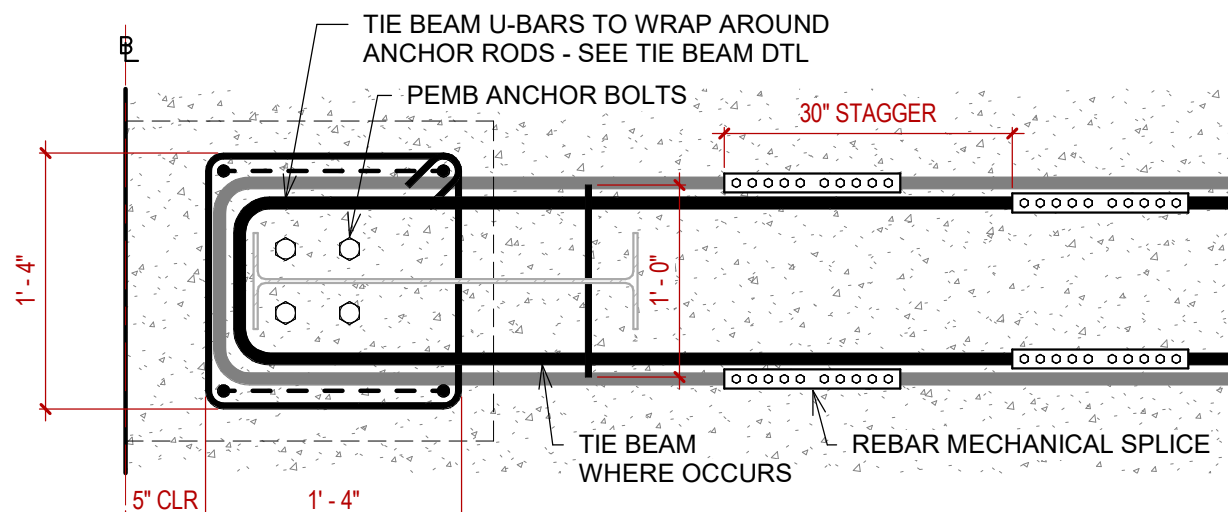
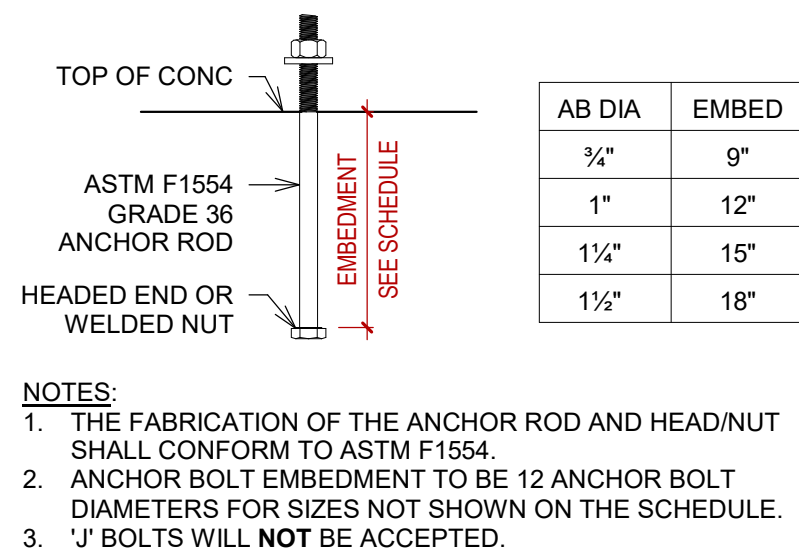
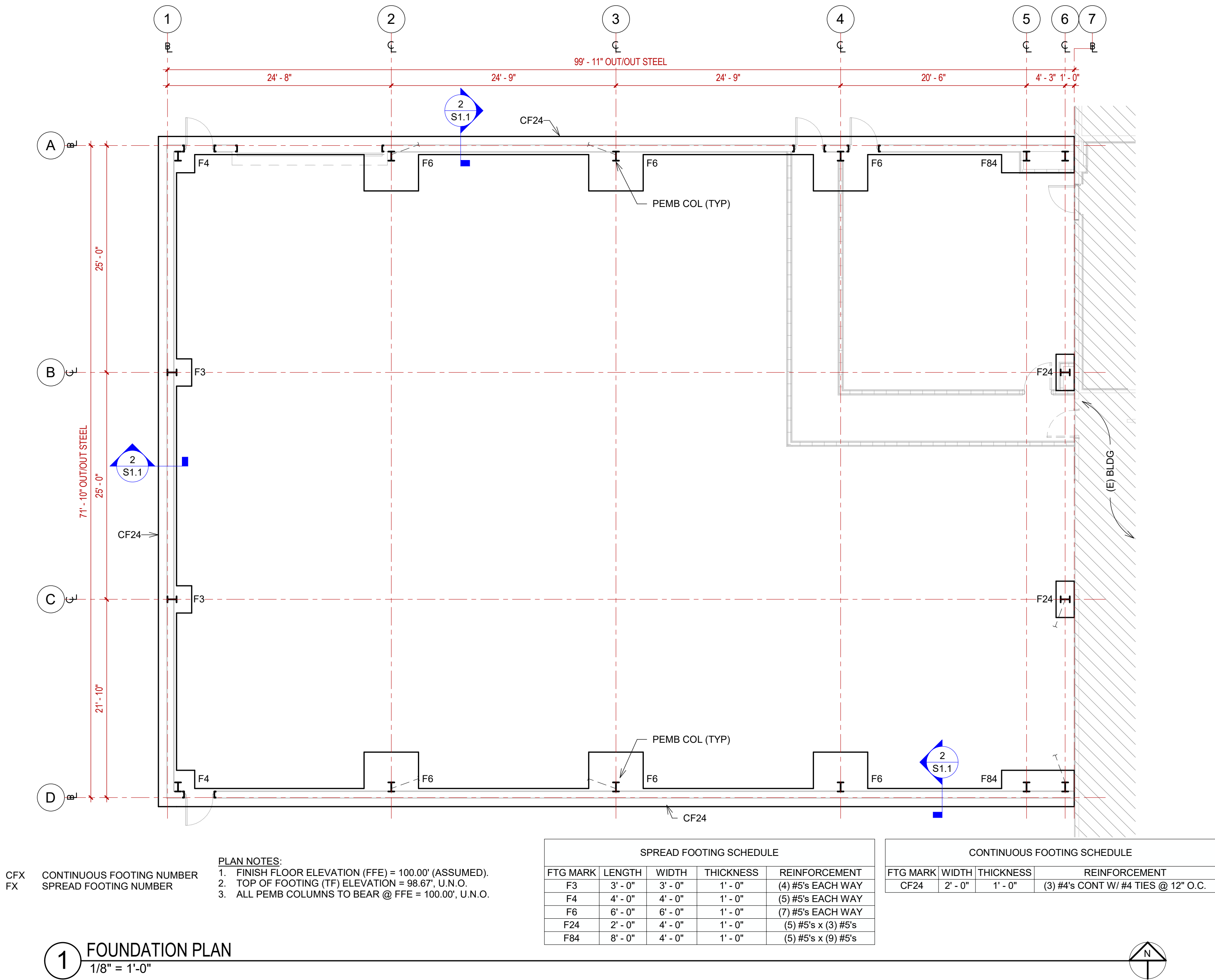
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26027
DATE:
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FOUNDATION PLAN

S1.1

SCM ARCHITECTS P.L.L.C.



5 PEMB ANCHOR BOLT
1 1/2" = 1'-0"

4 UPLIFT REINF PLAN
1" = 1'-0"

3 PEMB FTG W/ TIE BEAM
1" = 1'-0"

2 CONT FTG W/ SHEET NOTCH
1" = 1'-0"



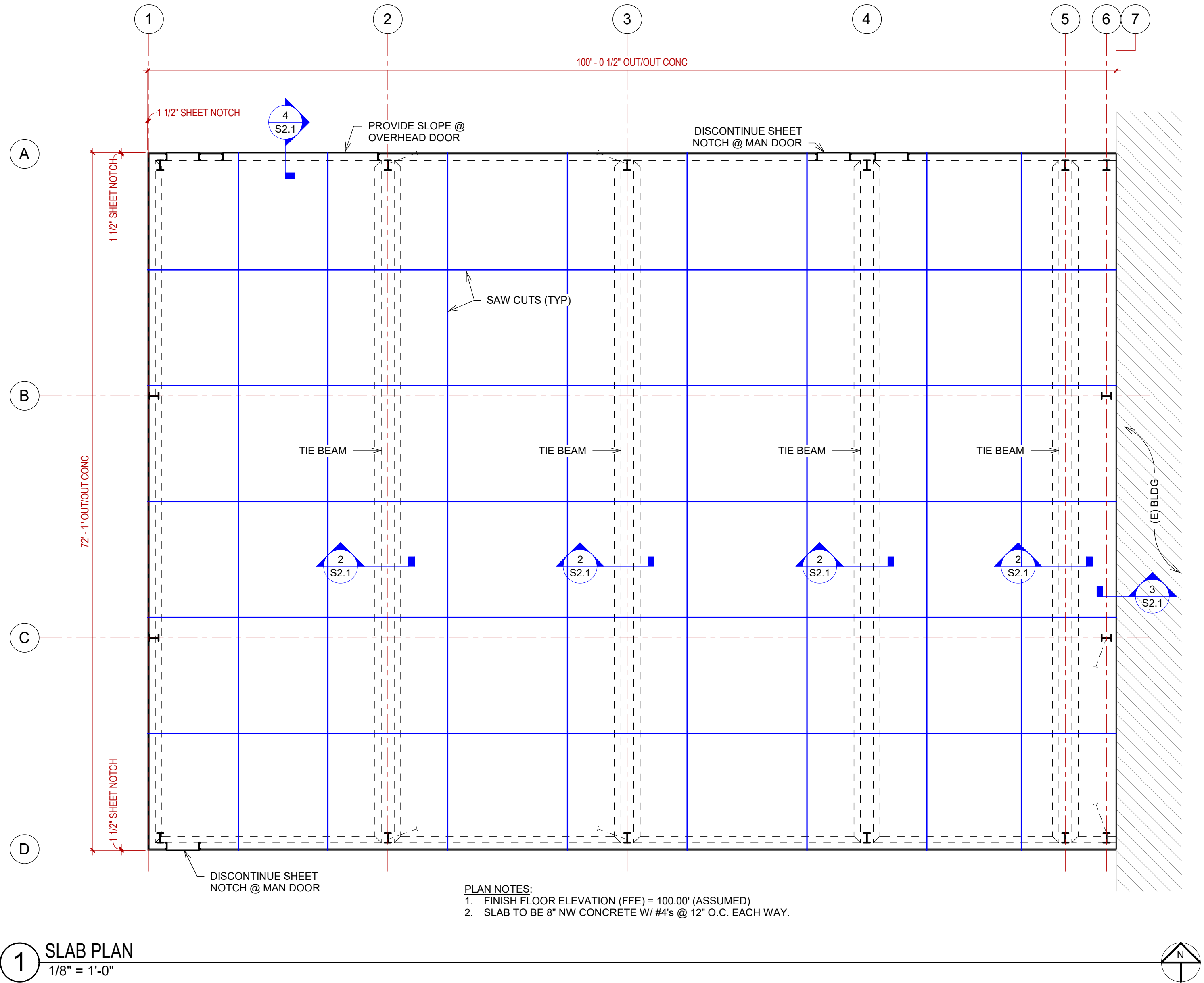
STEEL PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

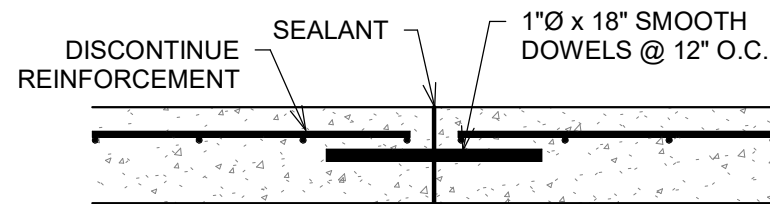
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SLAB PLAN

S2.1

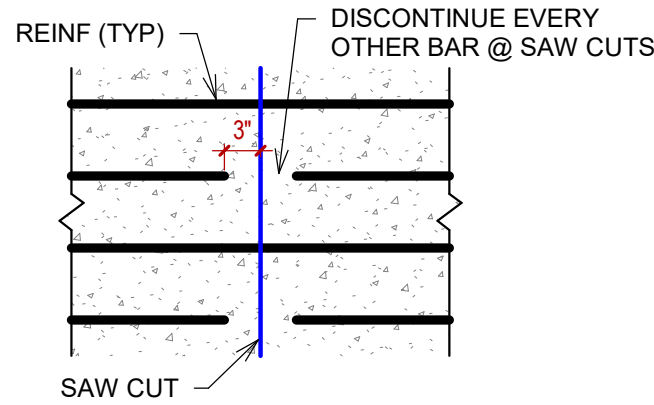


1 SLAB PLAN
1/8" = 1'-0"

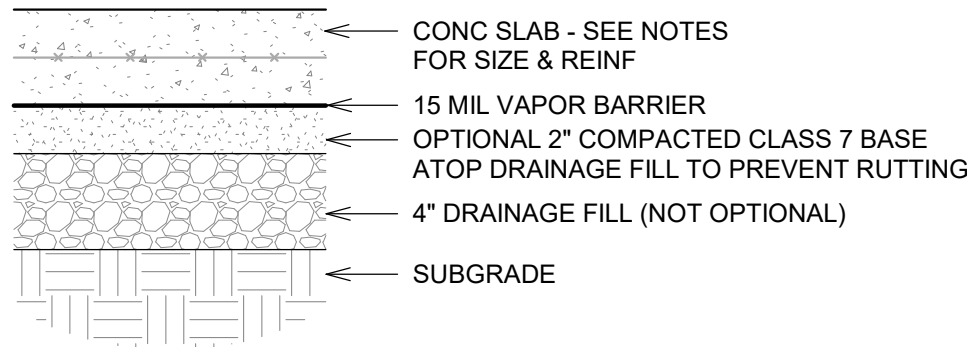


PROVIDE CONSTRUCTION JOINTS
WHERE OCCURS AND AT COLD JOINTS

CONSTRUCTION JOINT (CJ)

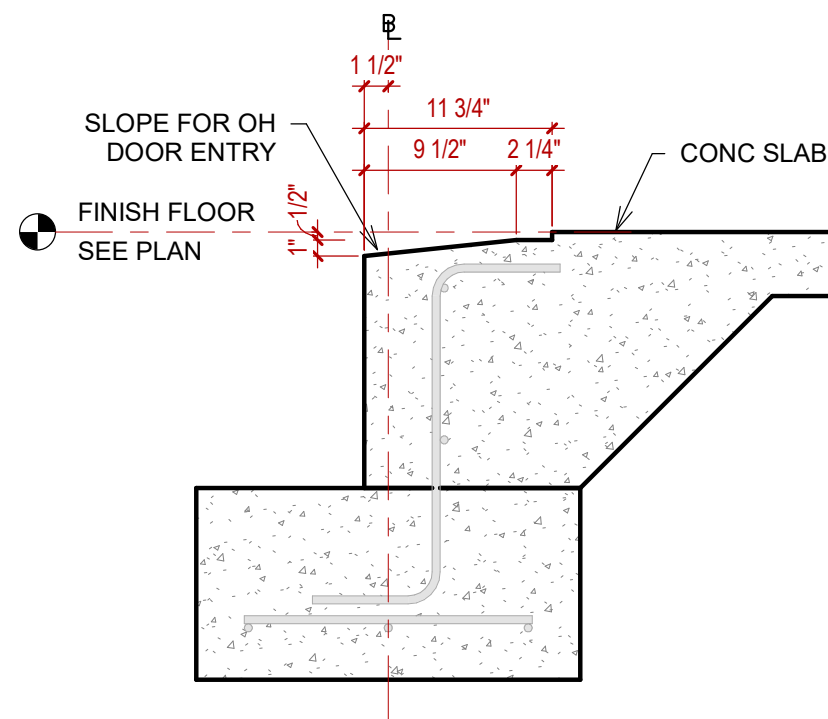


SAW CUT (SC) @ REBAR

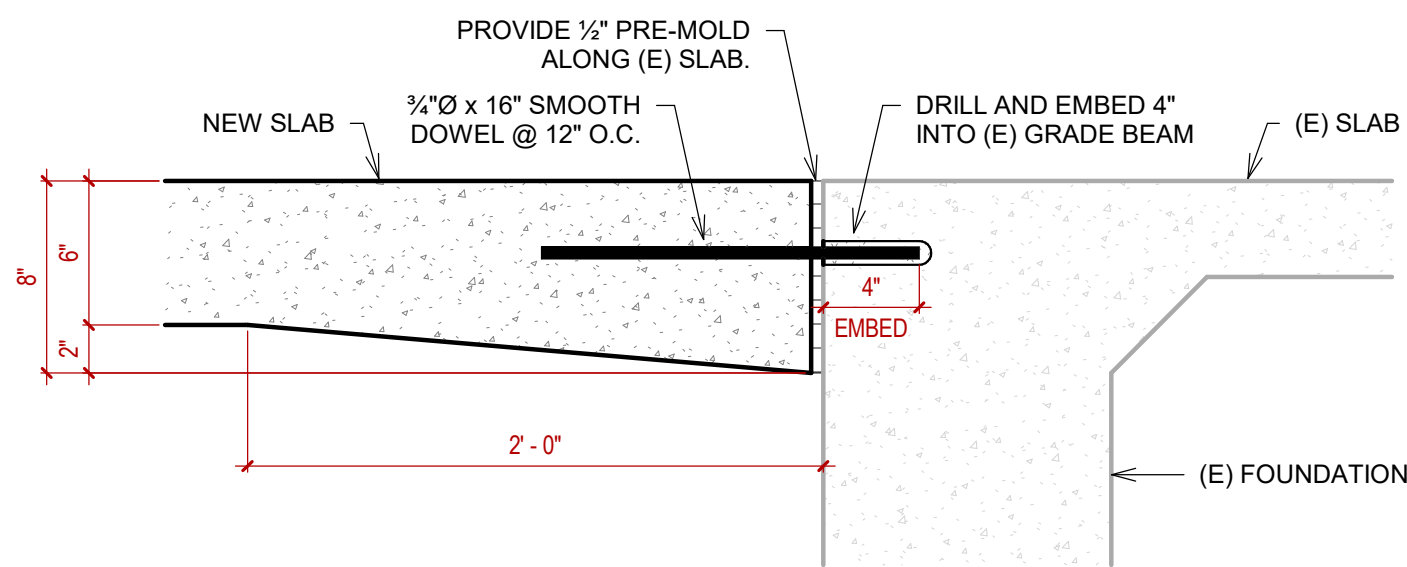


TYP SLAB SECTION

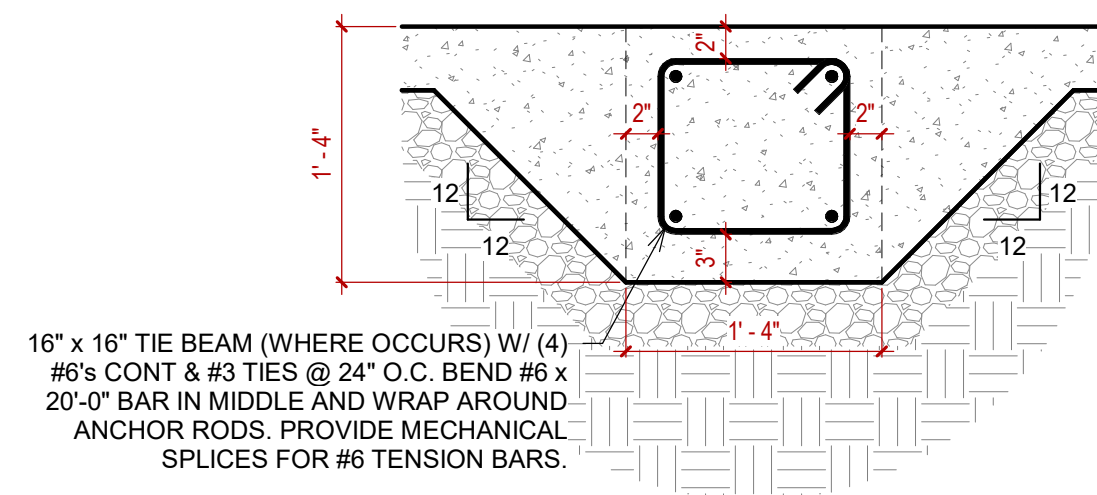
5 SLAB JOINT DETAILS
3/4" = 1'-0"



4 OH DOOR SLOPE
1" = 1'-0"



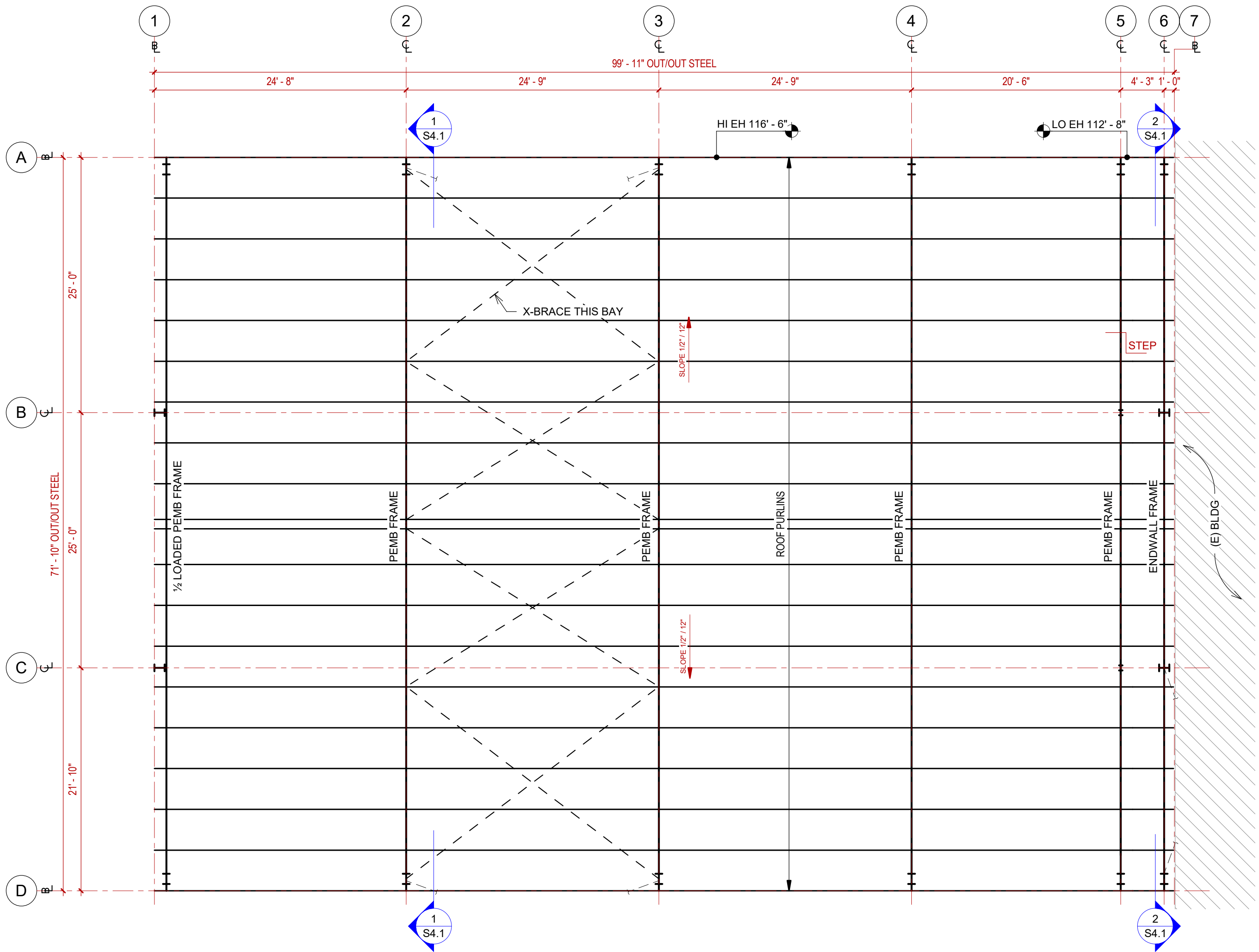
3 SLAB TRANSITION TO (E)
1 1/2" = 1'-0"



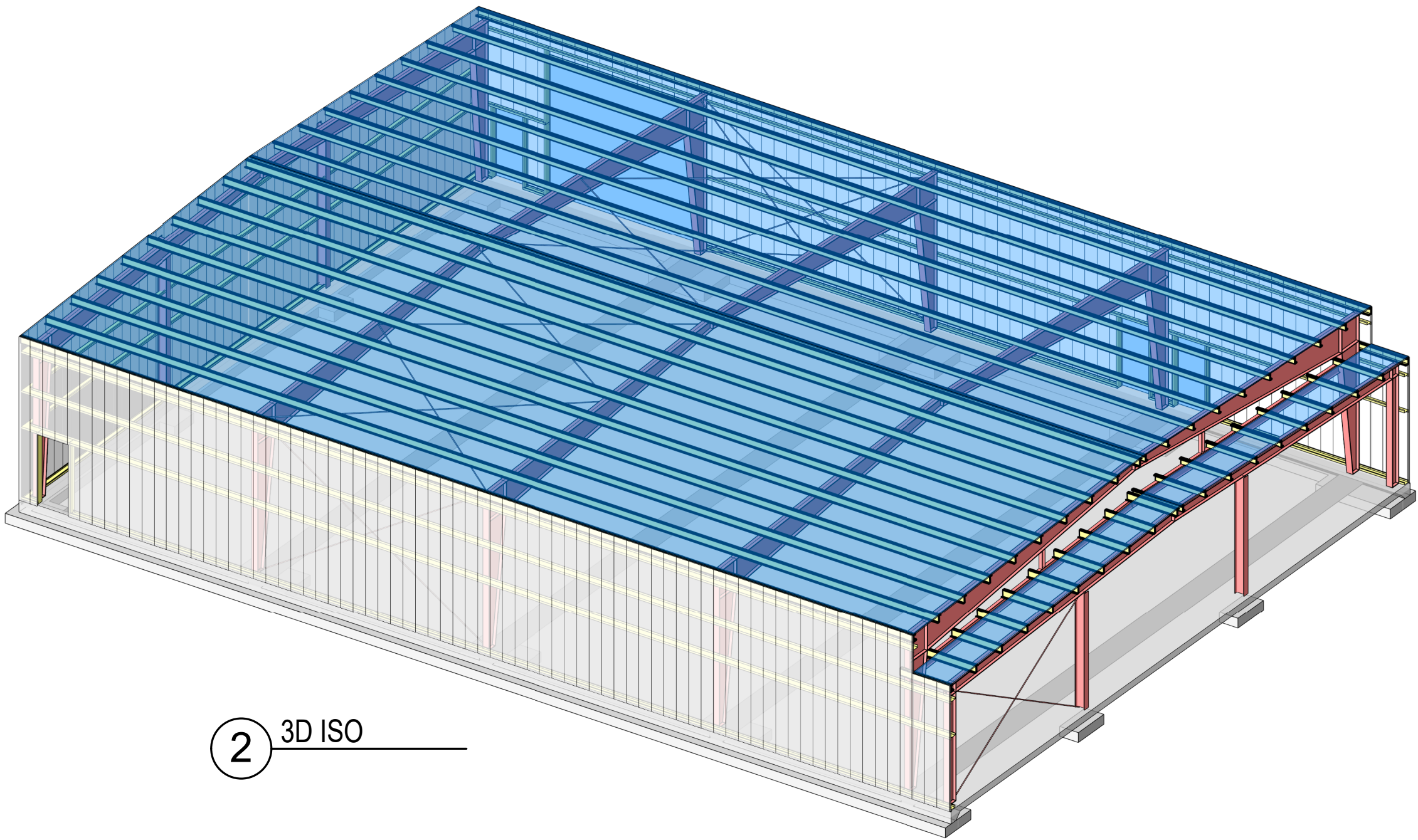
2 TIE BEAM SECTION
1" = 1'-0"

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A
B
C
D
E
F
G



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



2 3D ISO



0 1

0 2

0 3

0 4

0 5

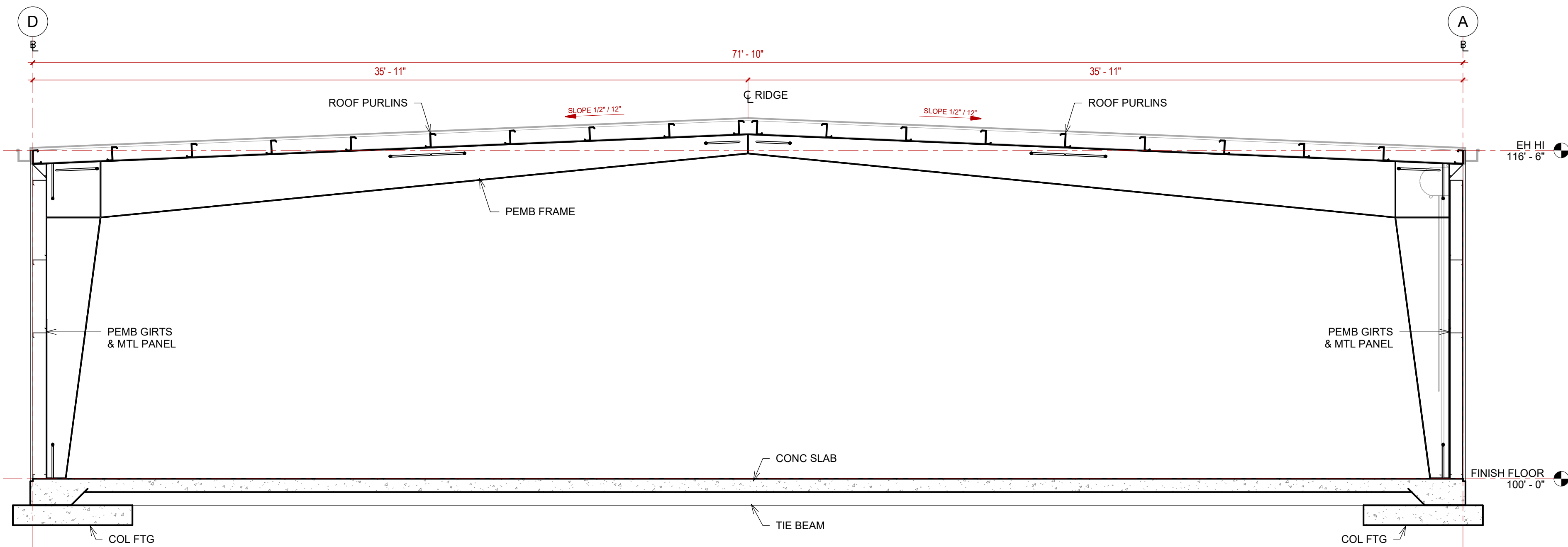
STEEL PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

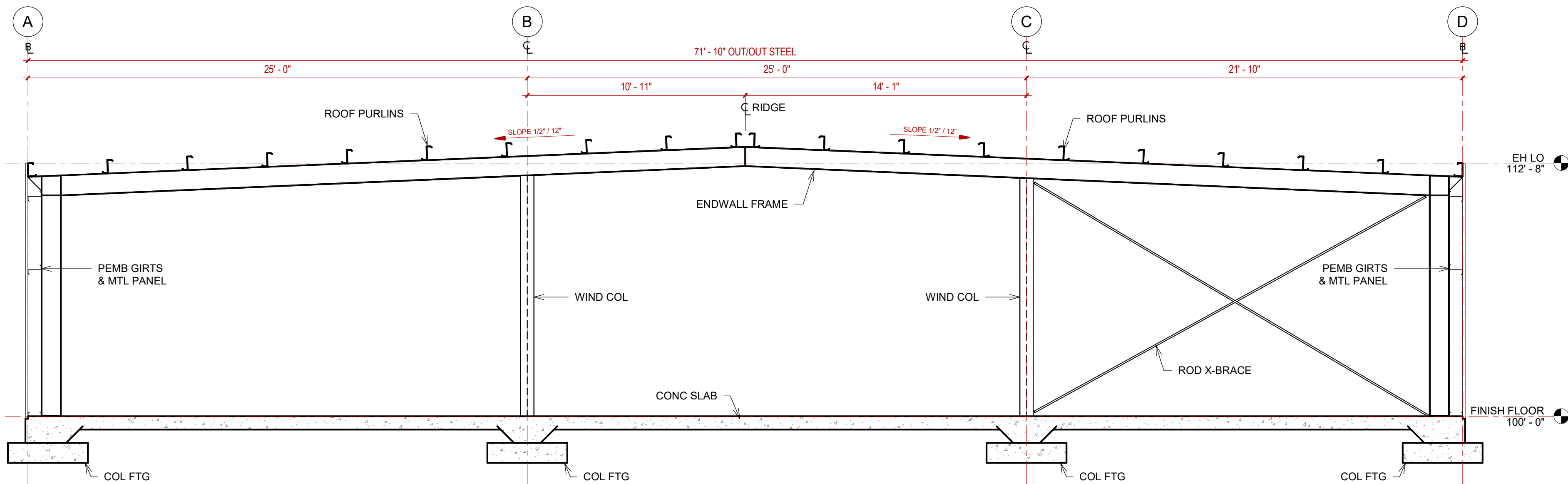
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ROOF FRAMING
PLAN

S3.1



1 BUILDING SECTION
1/4" = 1'-0"



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

STEEL PLASTICS
BUILDING EXPANSION
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Conway, Arkansas 72034

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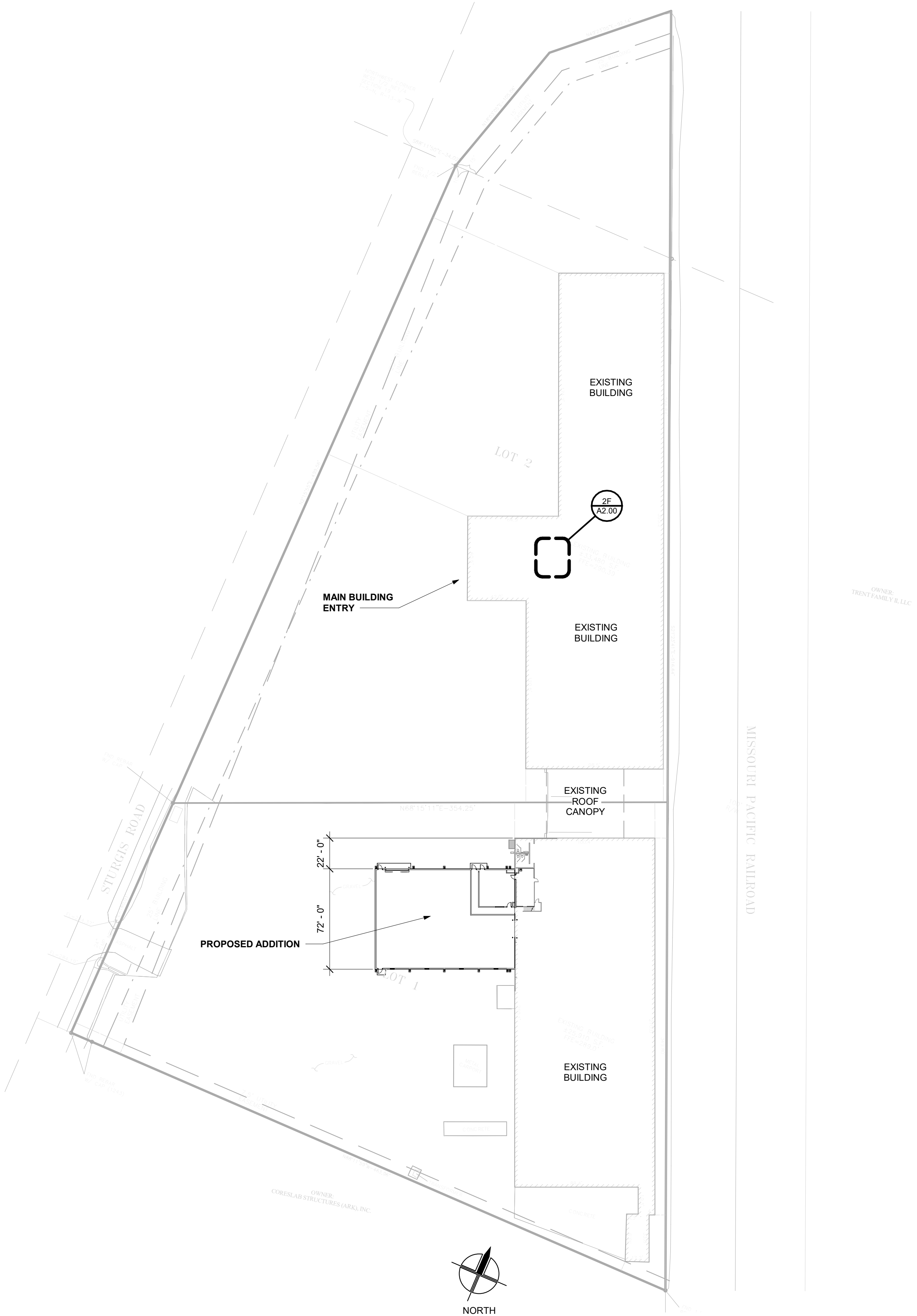
BUILDING
SECTIONS

S4.1

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5D SITE PLAN
1" = 50'-0"



STEELE PLASTICS
BUILDING EXPANSION
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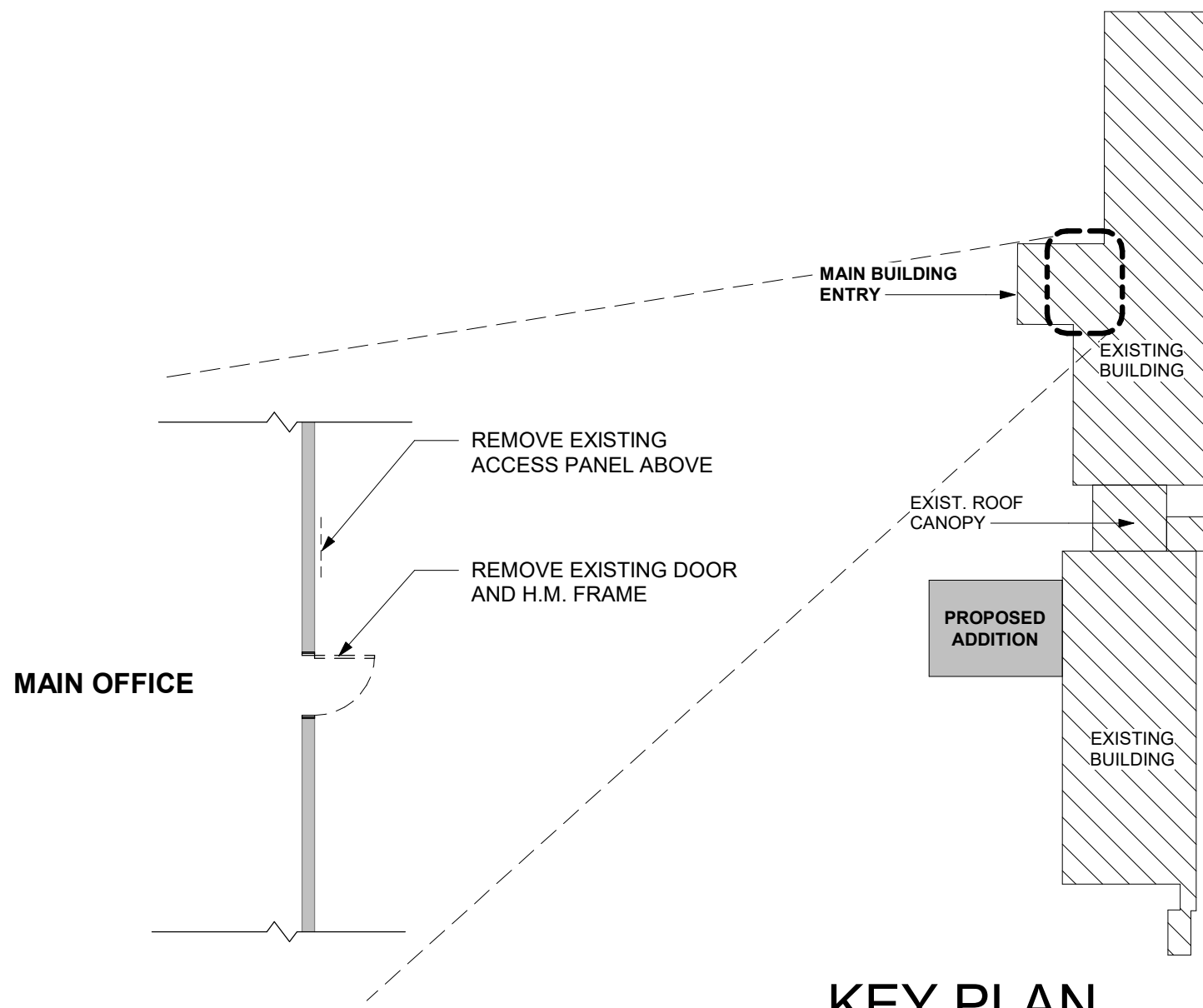
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SITE PLAN

A0.01

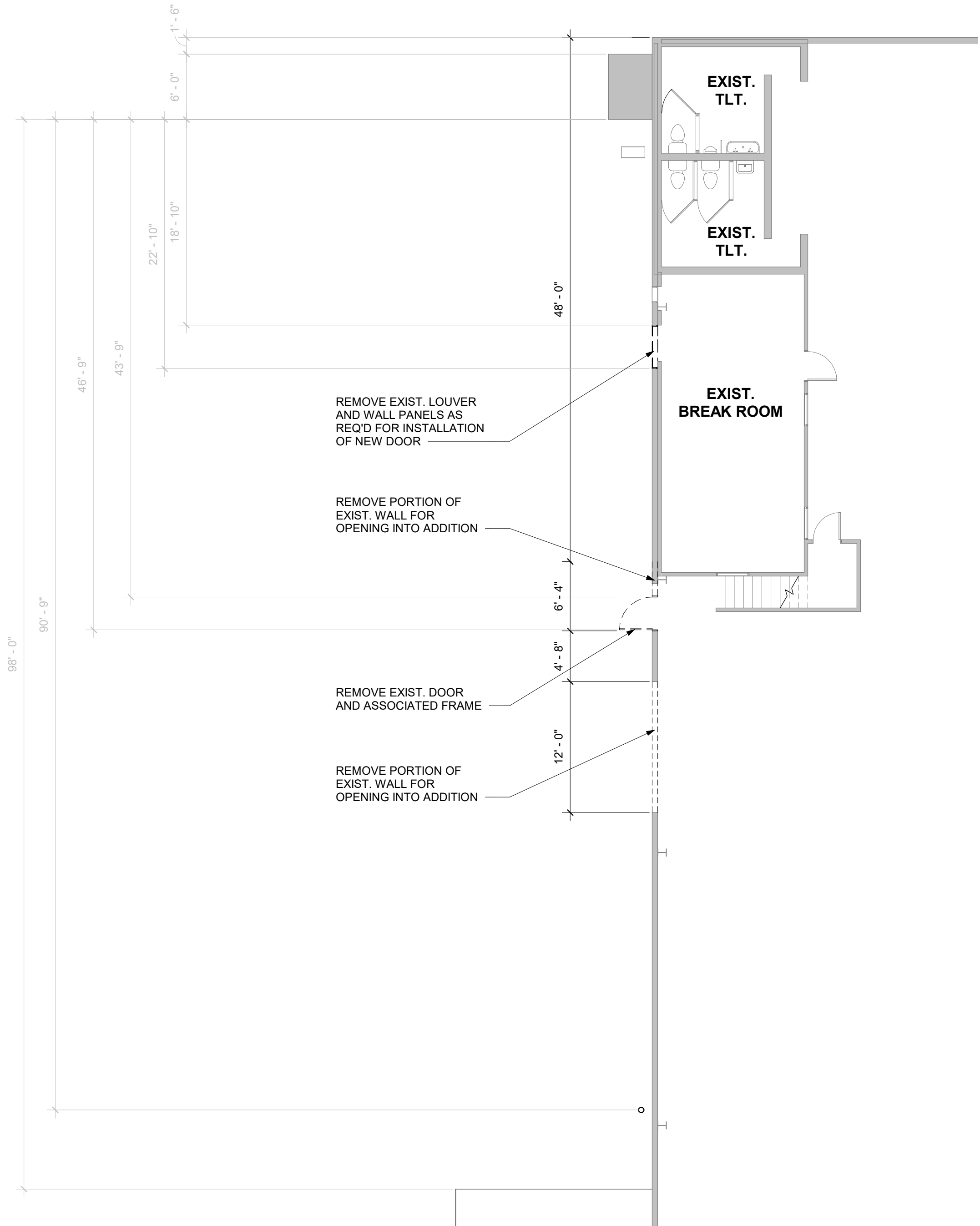
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5C EXISTING MAIN OFFICE
1/8" = 1'-0"

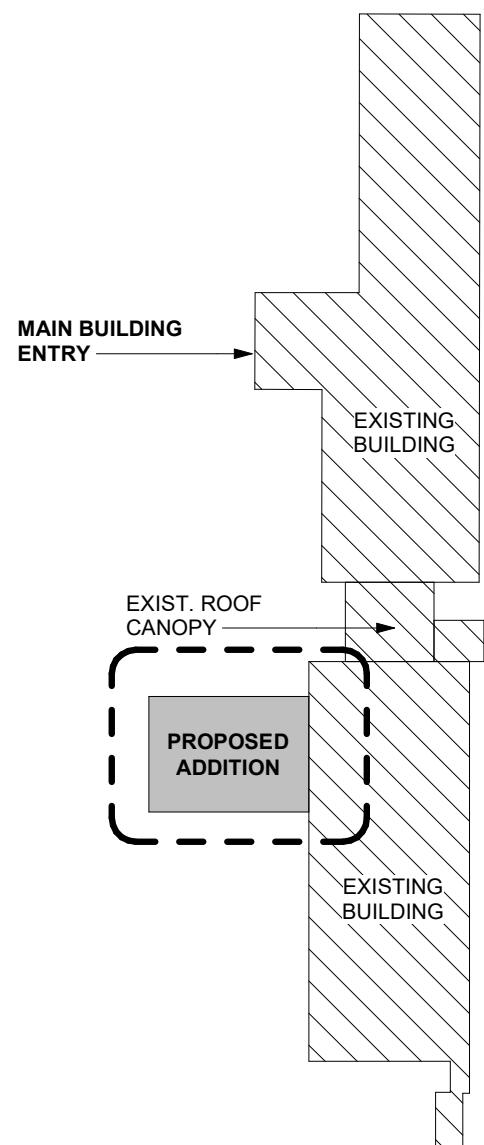


KEY PLAN

5E PARTIAL DEMOLITION PLAN
1/8" = 1'-0"



KEY PLAN



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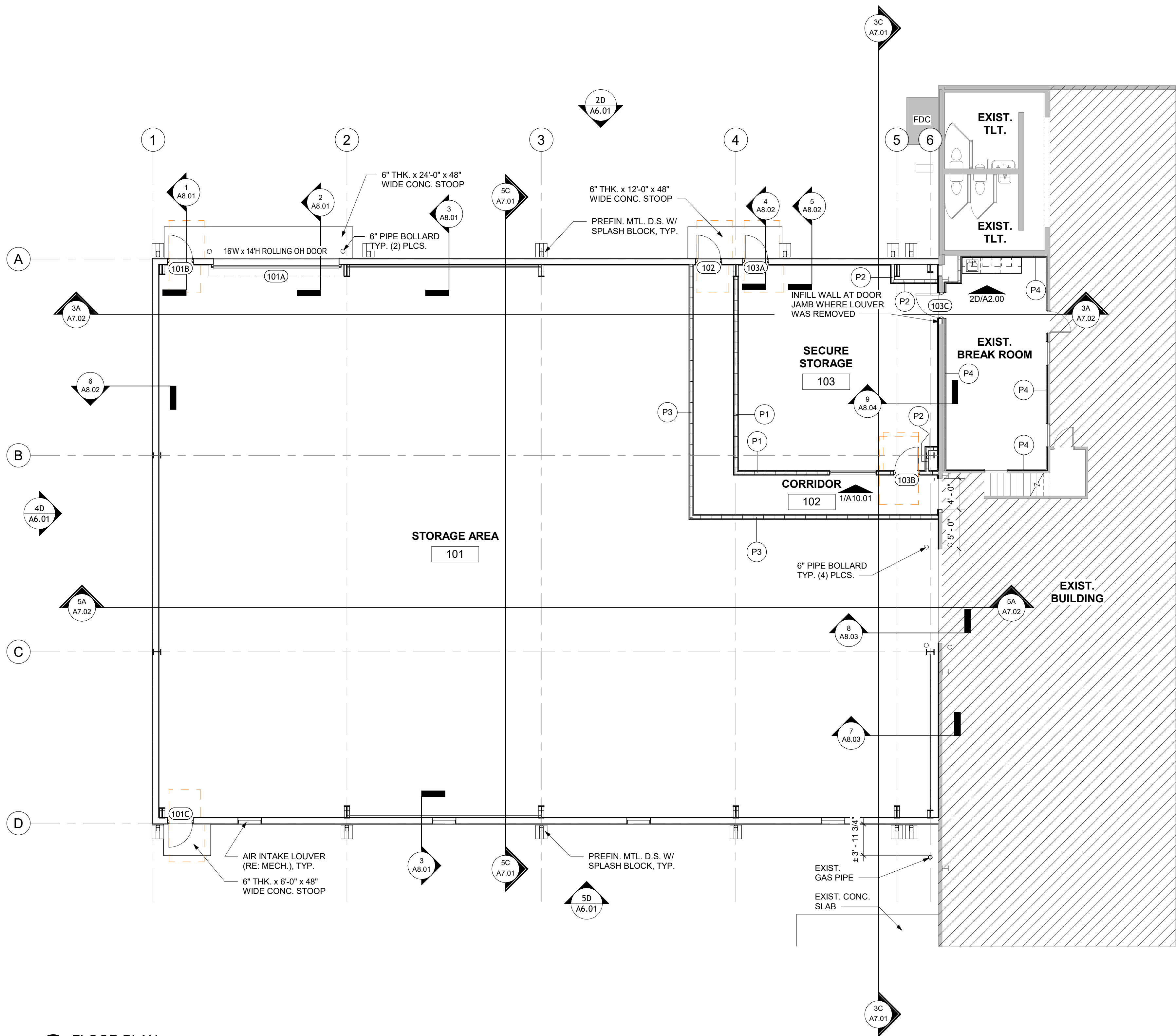
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August 26, 2026

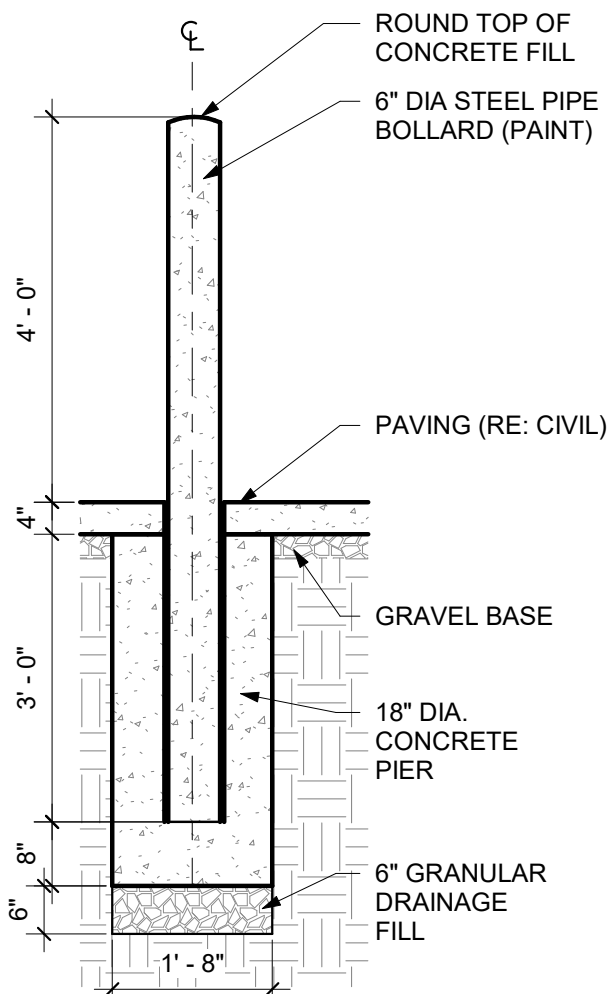
DEMOLITION PLAN

A1.00

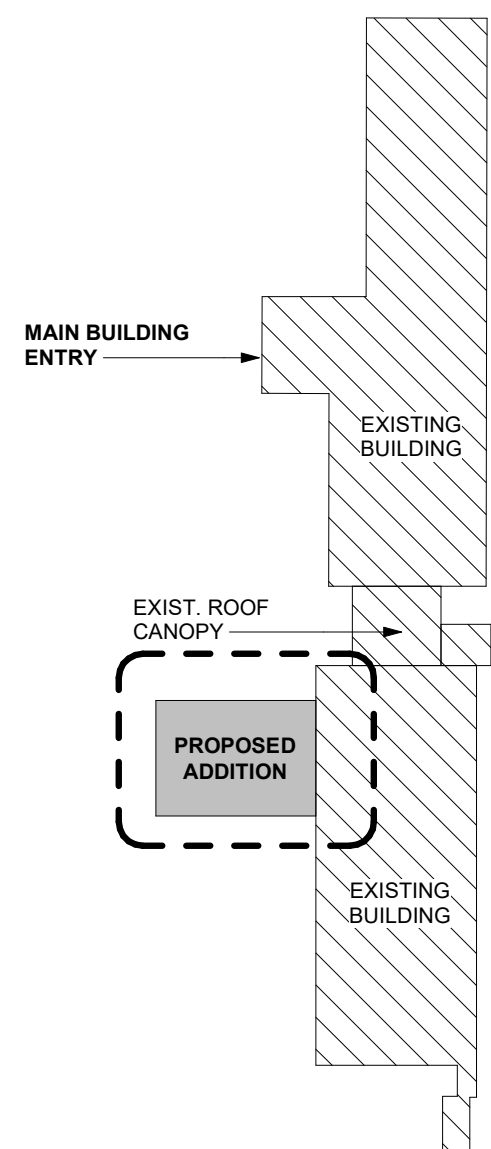
SCM ARCHITECTS P.L.L.C.



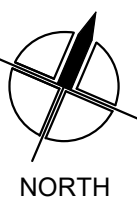
5B FLOOR PLAN
1/8" = 1'-0"



3G BOLLARD DETAIL
1/2" = 1'-0"



KEY PLAN



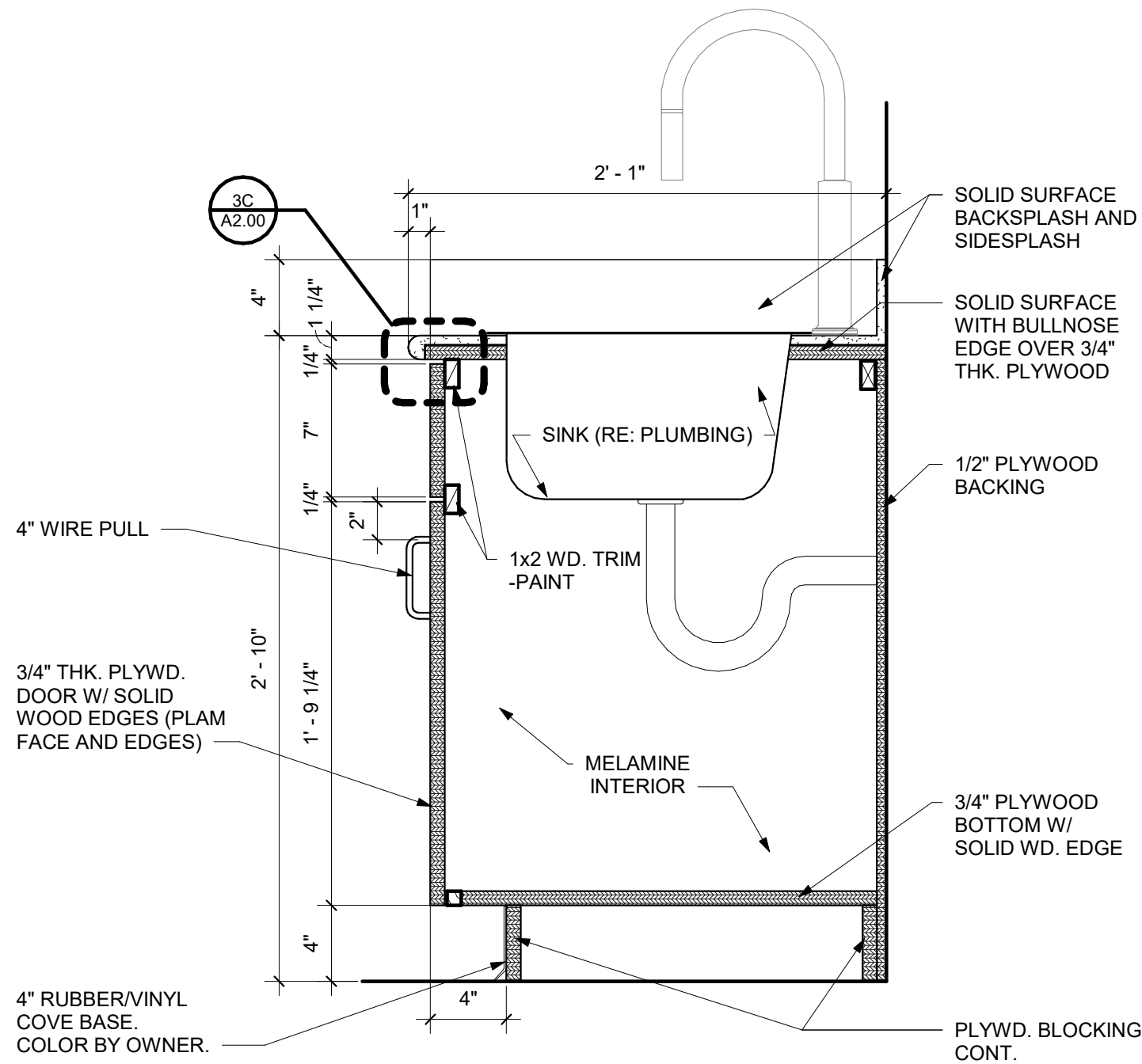
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BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

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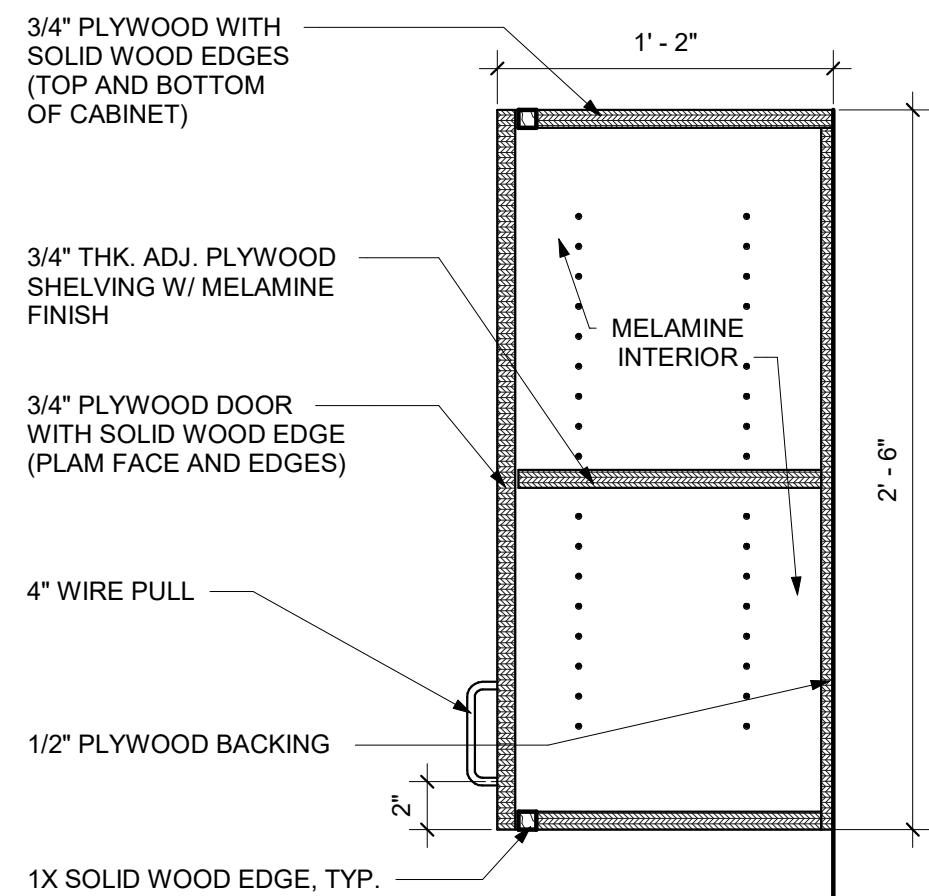
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FLOOR PLAN

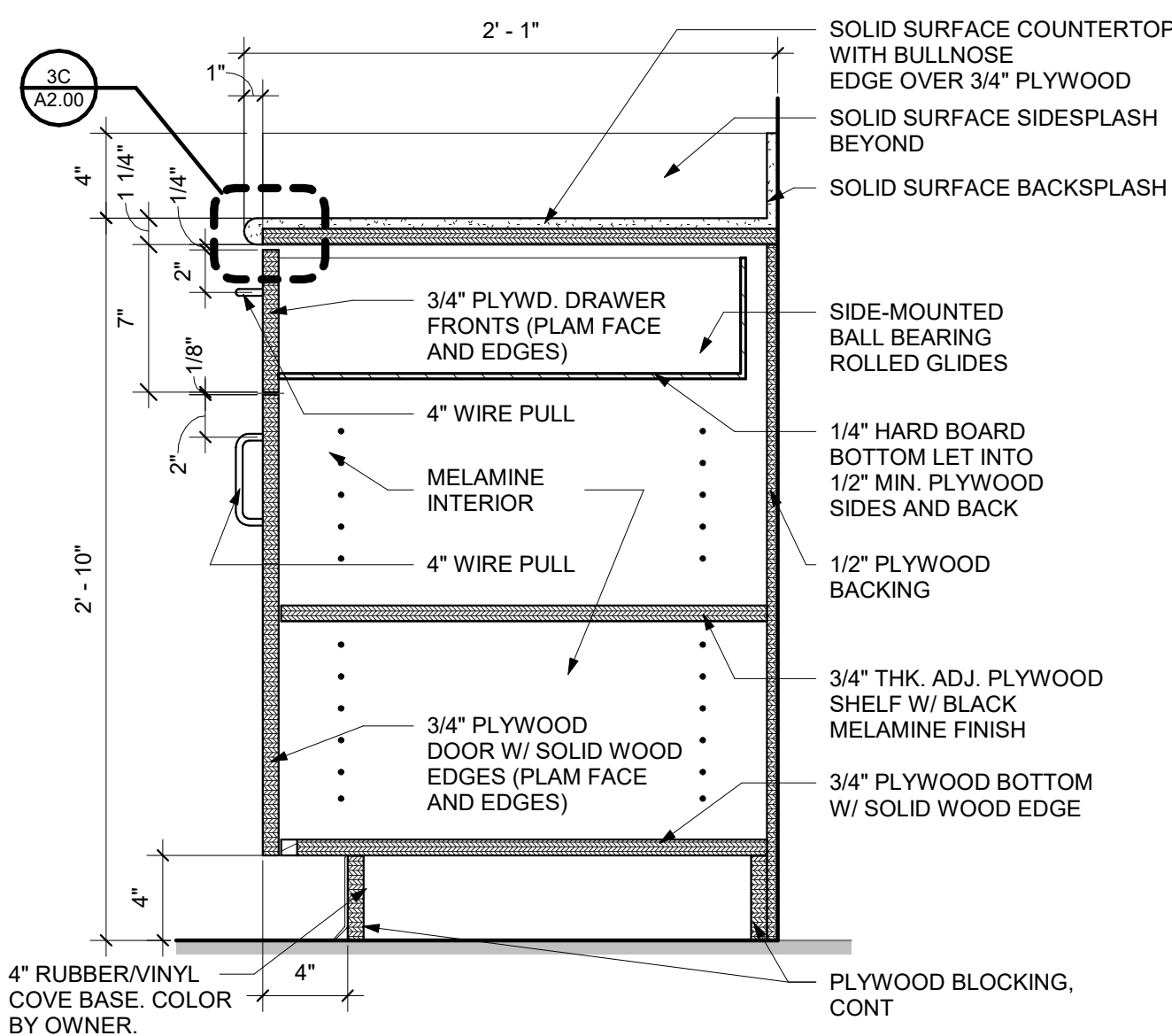
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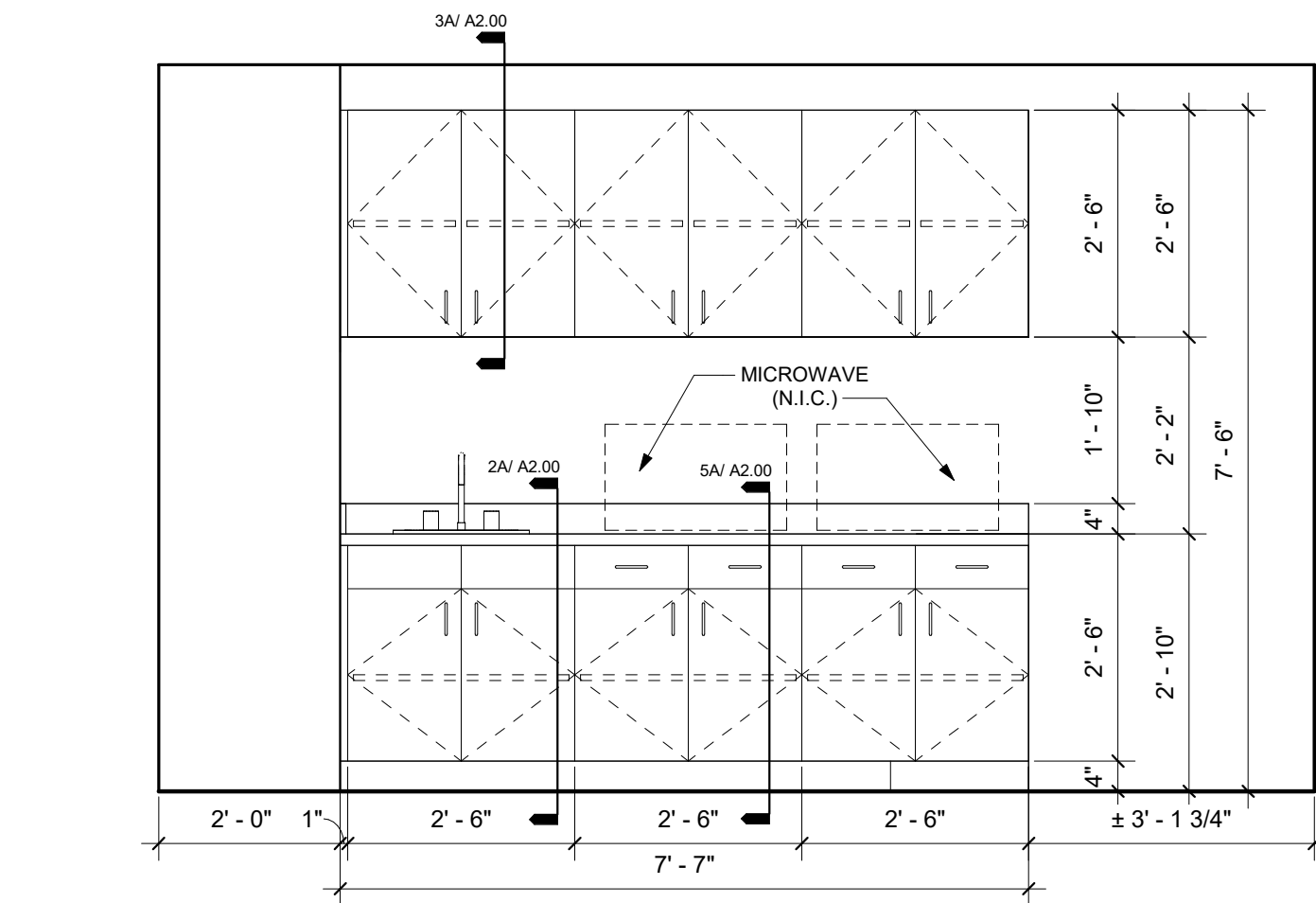
2A MILLWORK SECTION - BASECAB WITH SINK
1 1/2" = 1'-0"



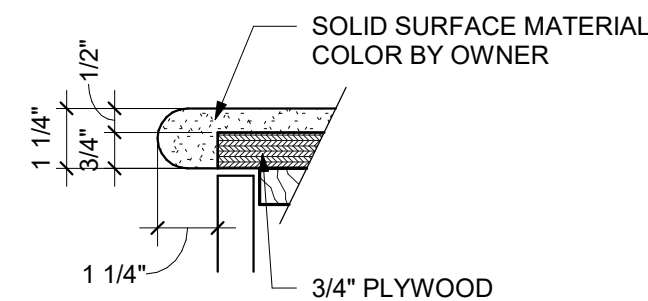
3A MILLWORK SECTION - UPPER CAB
1 1/2" = 1'-0"



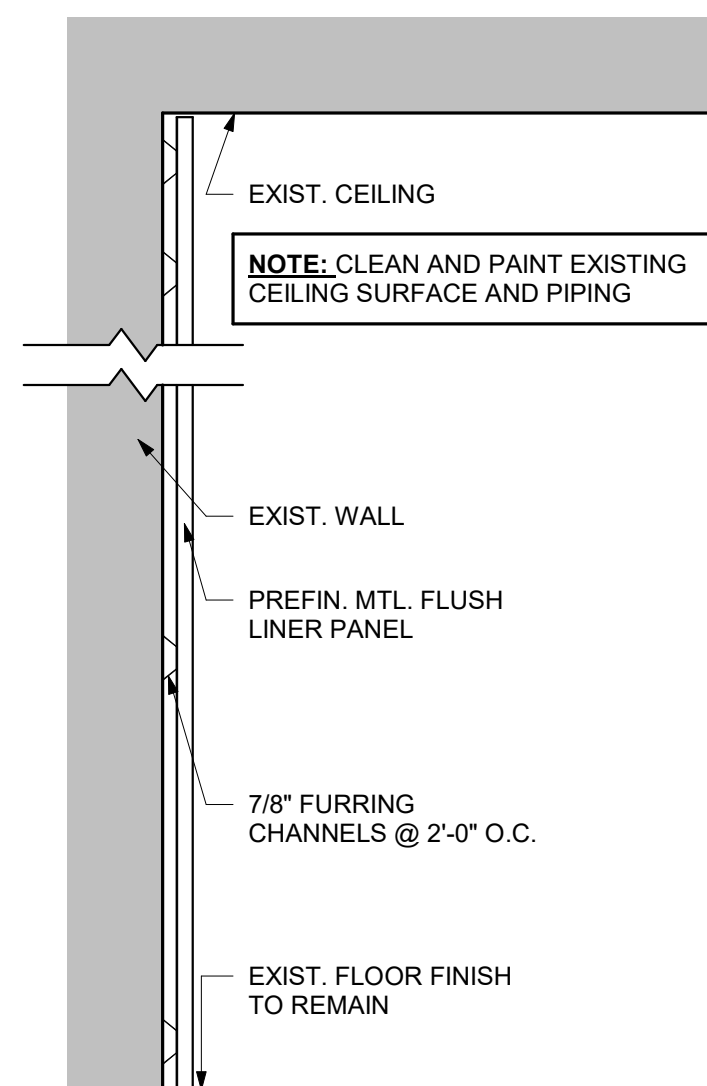
5A MILLWORK SECTION - BASE CAB
1 1/2" = 1'-0"



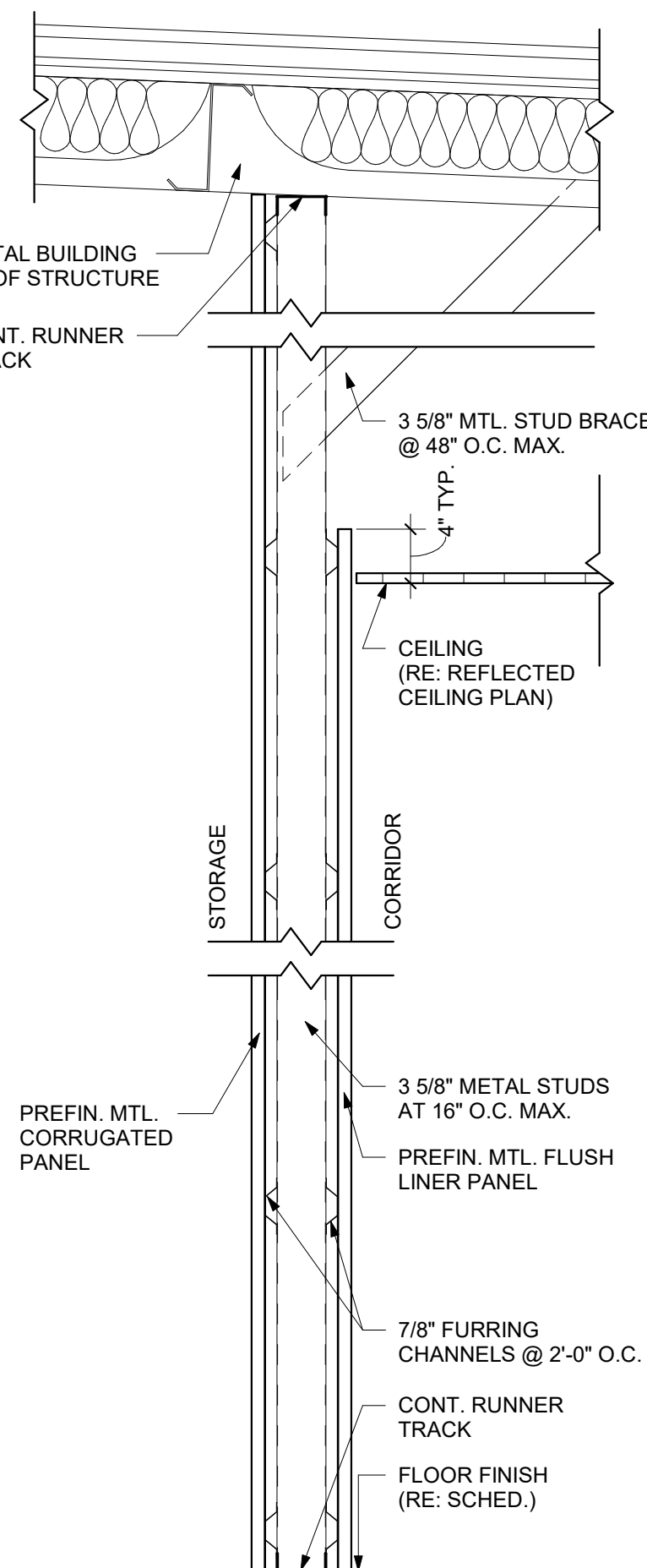
2D MILLWORK ELEVATION AT BREAK ROOM
1/2" = 1'-0"



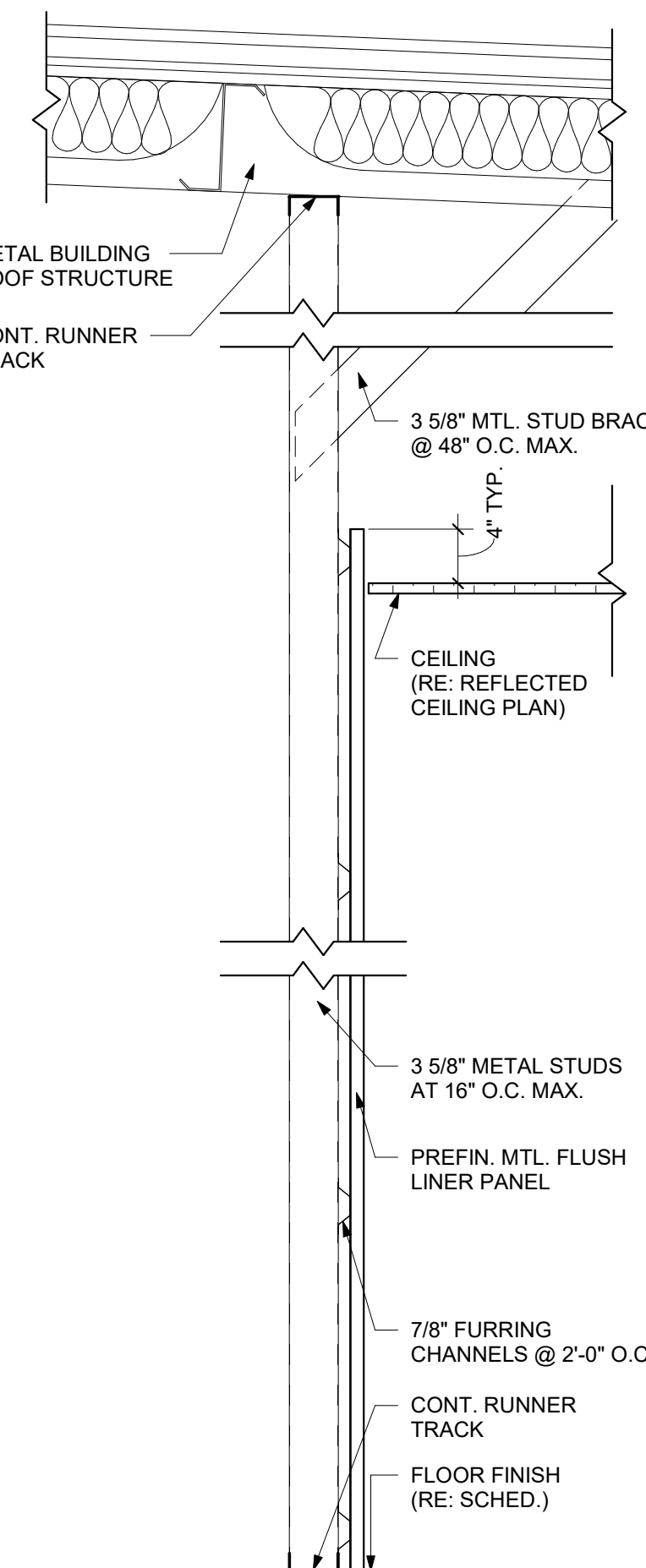
3C BULLNOSE DETAIL
3" = 1'-0"



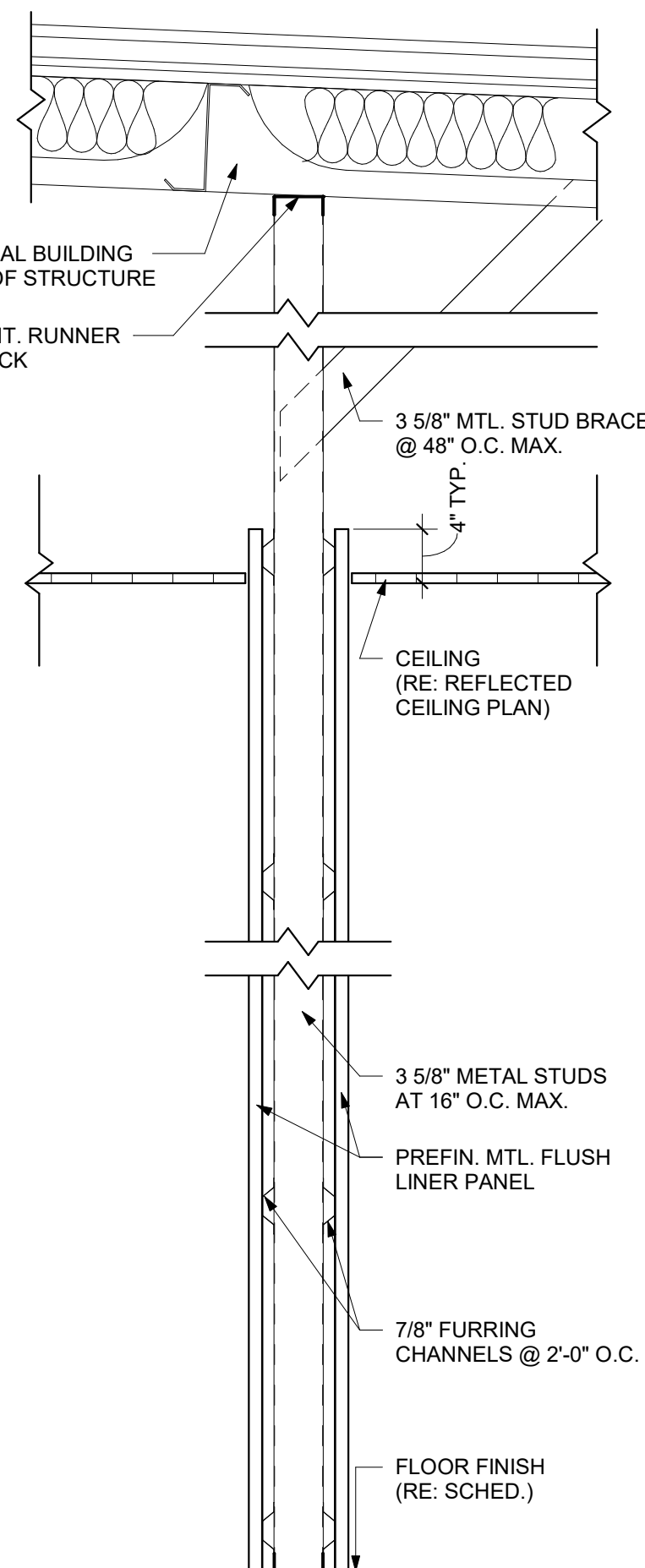
P4 NON-RATED NON-BEARING PARTITION
1 1/2" = 1'-0"



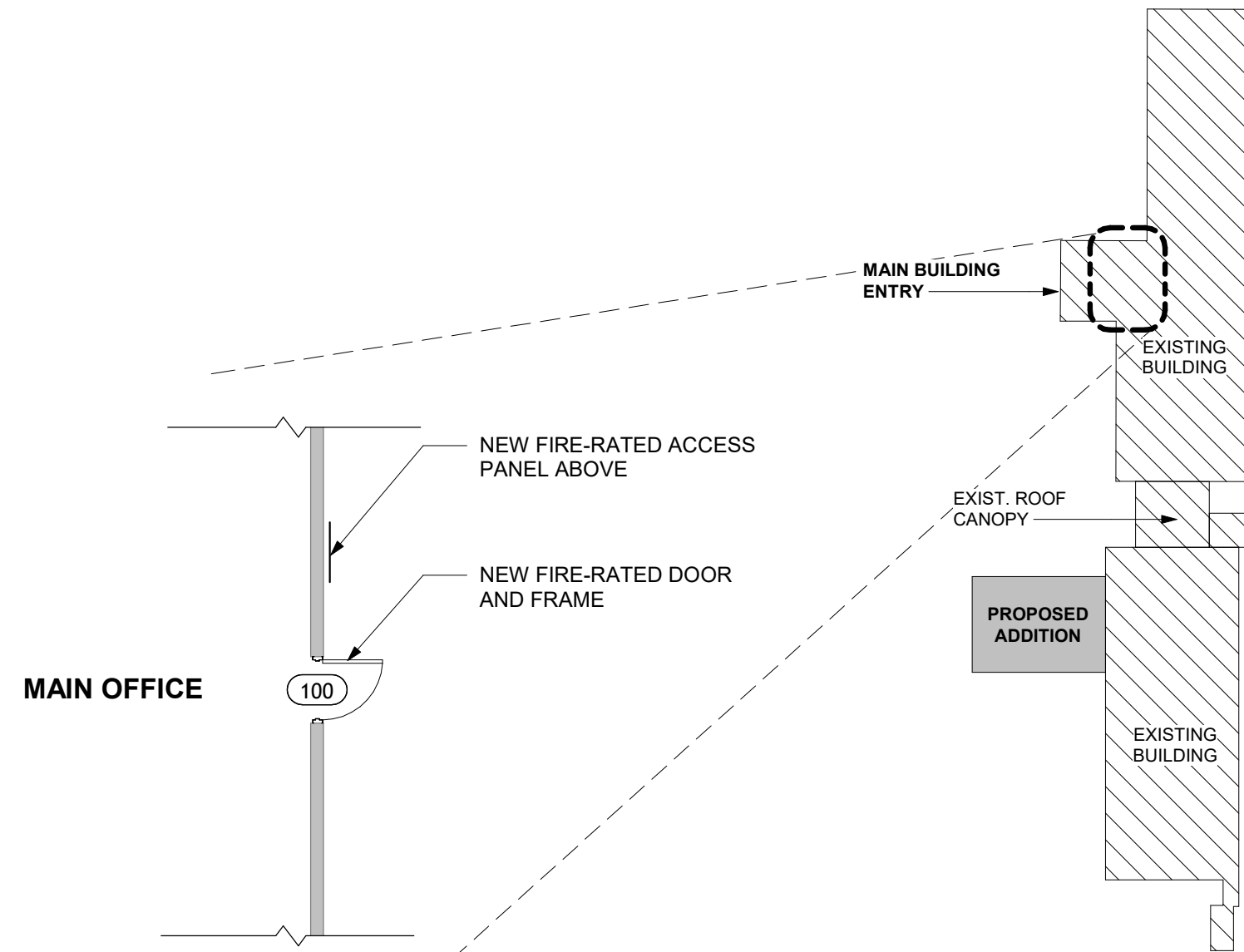
P3 NON-RATED NON-BEARING PARTITION
1 1/2" = 1'-0"



P2 NON-RATED NON-BEARING FURRING PARTITION
1 1/2" = 1'-0"

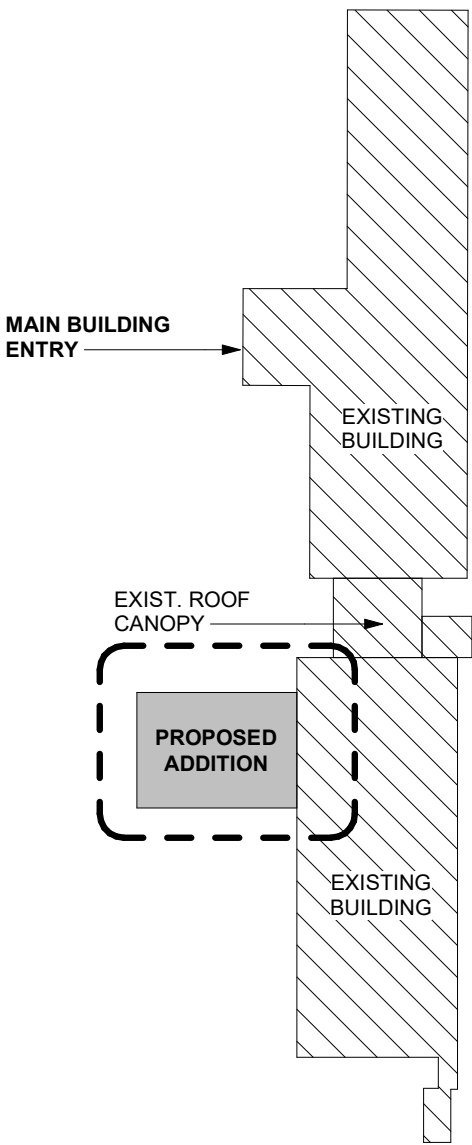
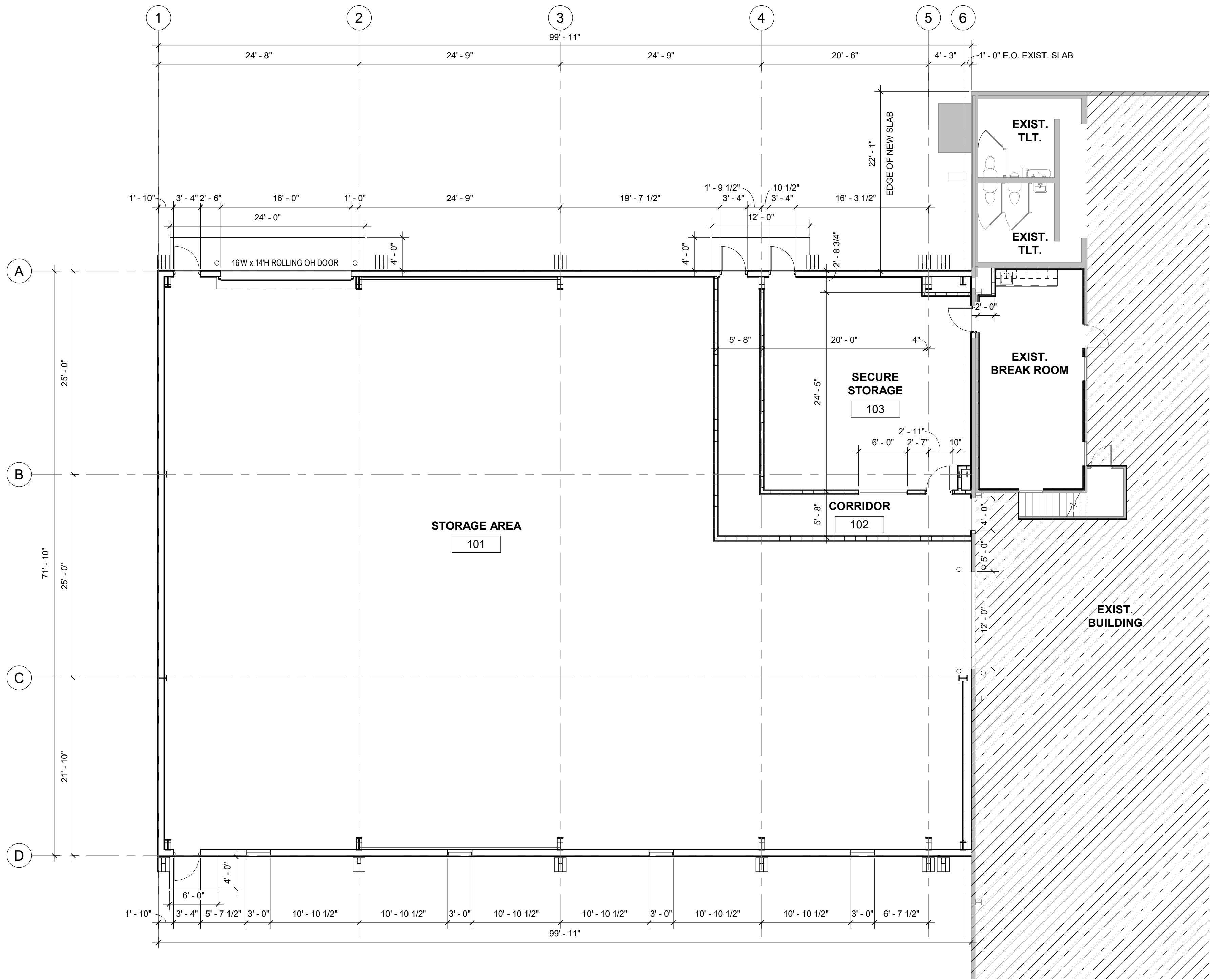


P1 NON-RATED NON-BEARING PARTITION
1 1/2" = 1'-0"

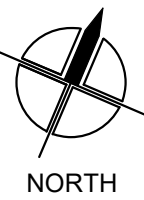


2F EXISTING MAIN OFFICE
1/8" = 1'-0"

KEY PLAN



KEY PLAN



5B DIMENSION PLAN
1/8" = 1'-0"

STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

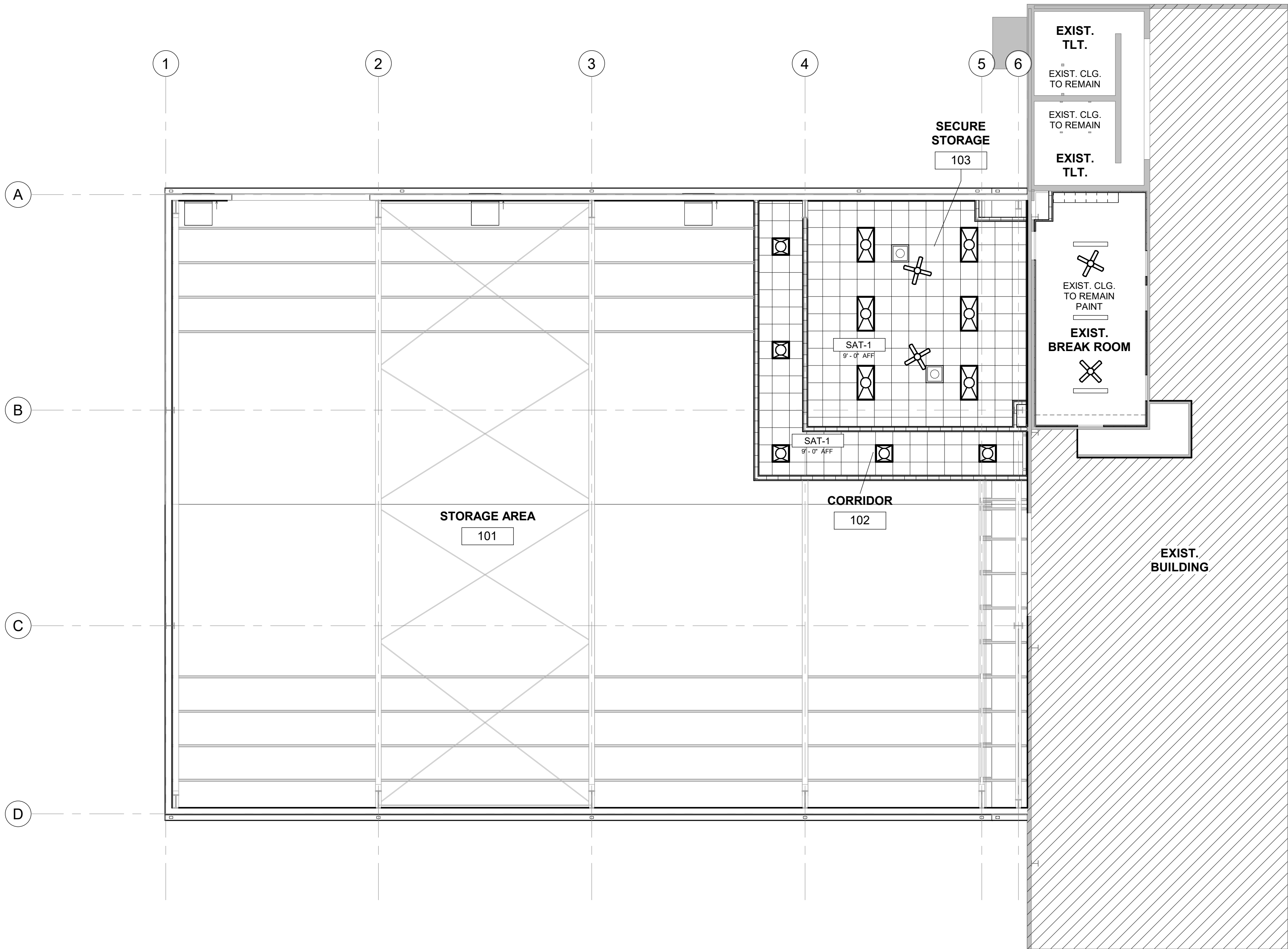
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DIMENSION PLANS

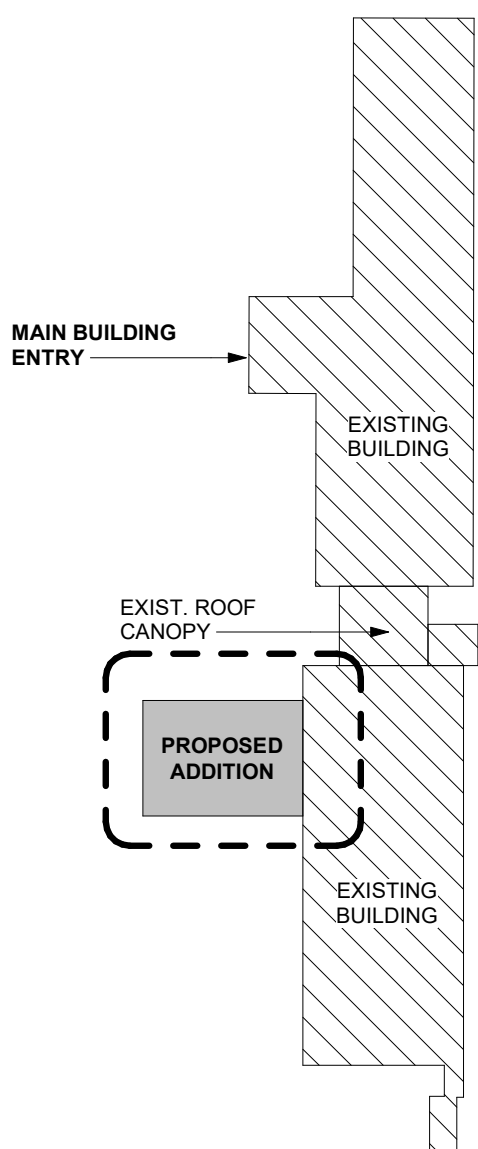
A2.01

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5B FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING LEGEND	
SYMBOL	DESCRIPTION
	2X2 SUSPENDED ACOUSTICAL LAY-IN CEILING AND GRID; TYPE 2. SEE SPECIFICATIONS
	2x4 LIGHT FIXTURE, RE: ELEC.
	2x2 LIGHT FIXTURE, RE: ELEC.
	WALL MNT. LIGHT FIXTURE, RE: ELEC.
	EXTERIOR WALL PAC, RE: ELEC.
	EXIT LIGHT, RE: ELEC.



KEY PLAN



STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
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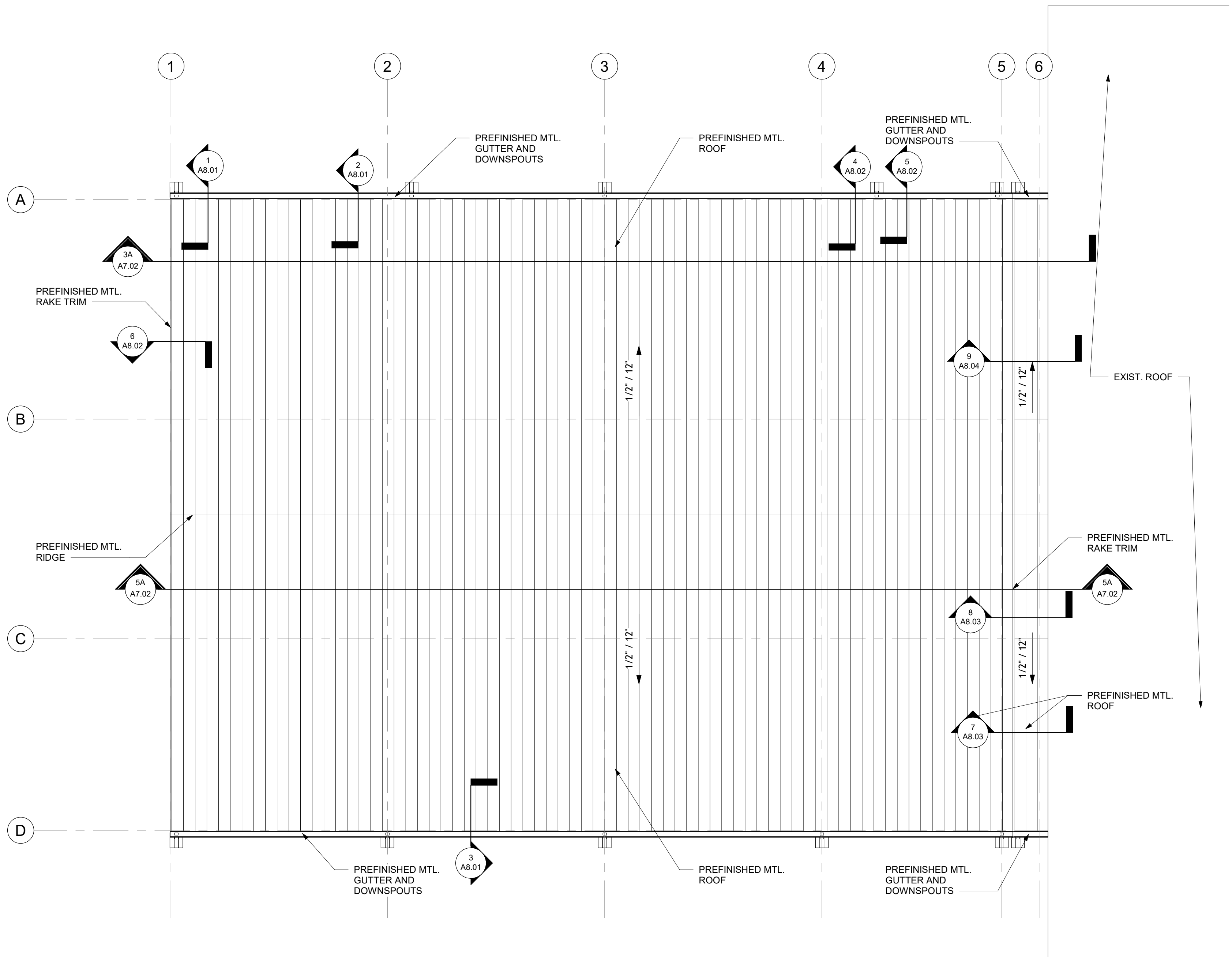
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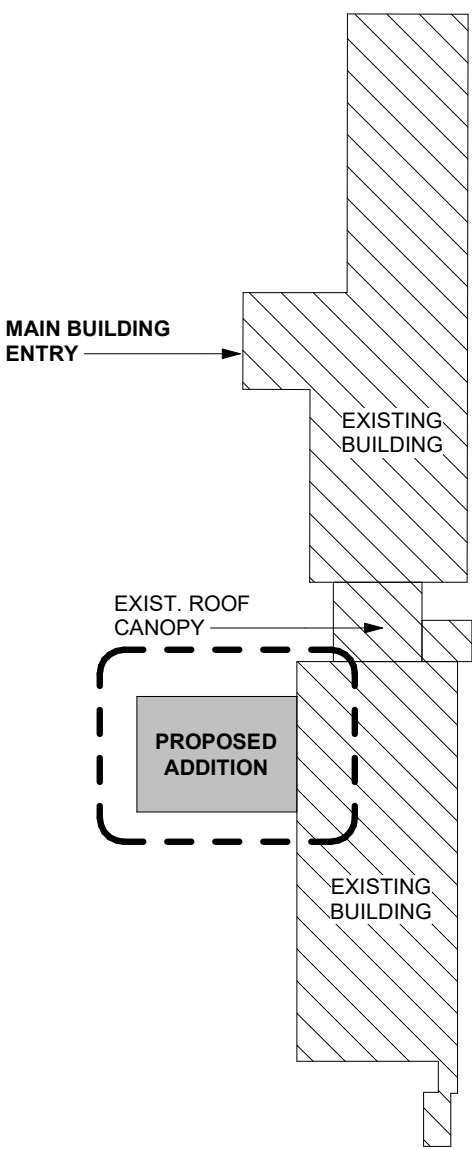
REFLECTED
CEILING PLANS

A4.01

SCM ARCHITECTS P.L.L.C.



5B ROOF PLAN
1/8" = 1'-0"



KEY PLAN



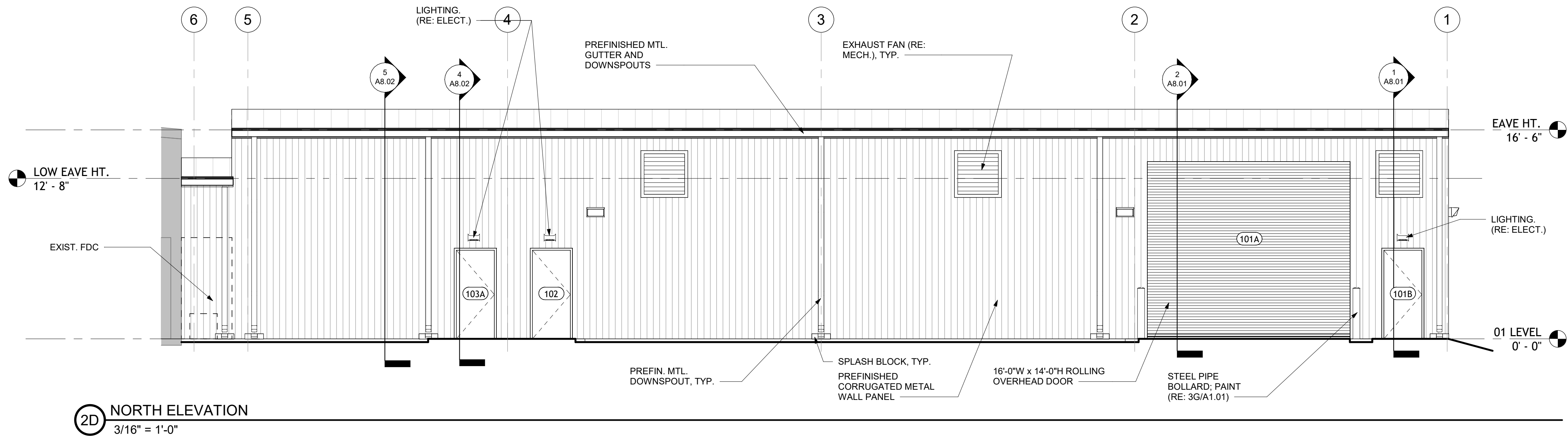
STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

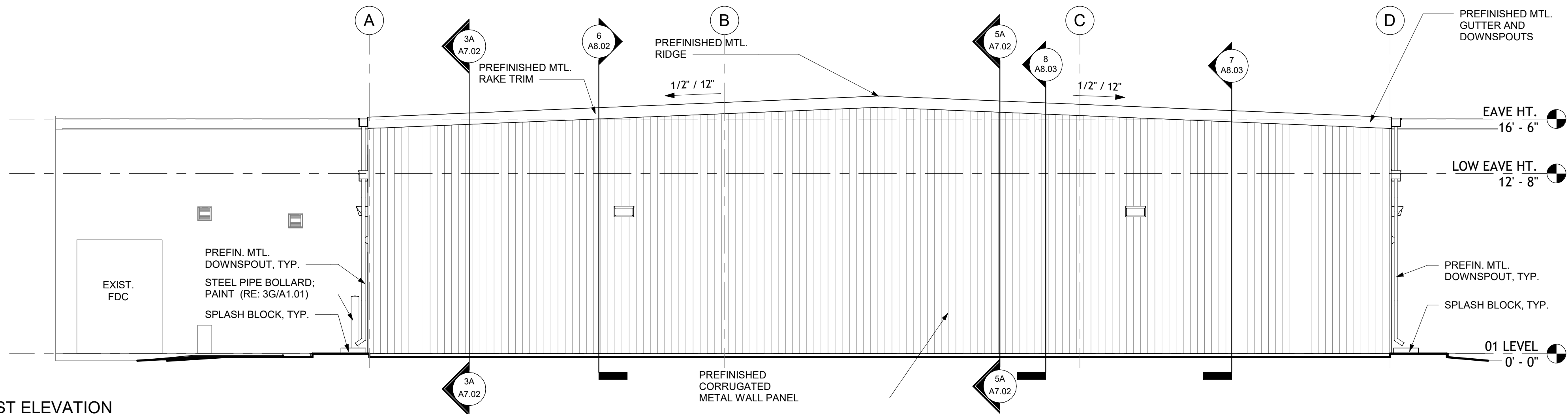
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ROOF PLAN

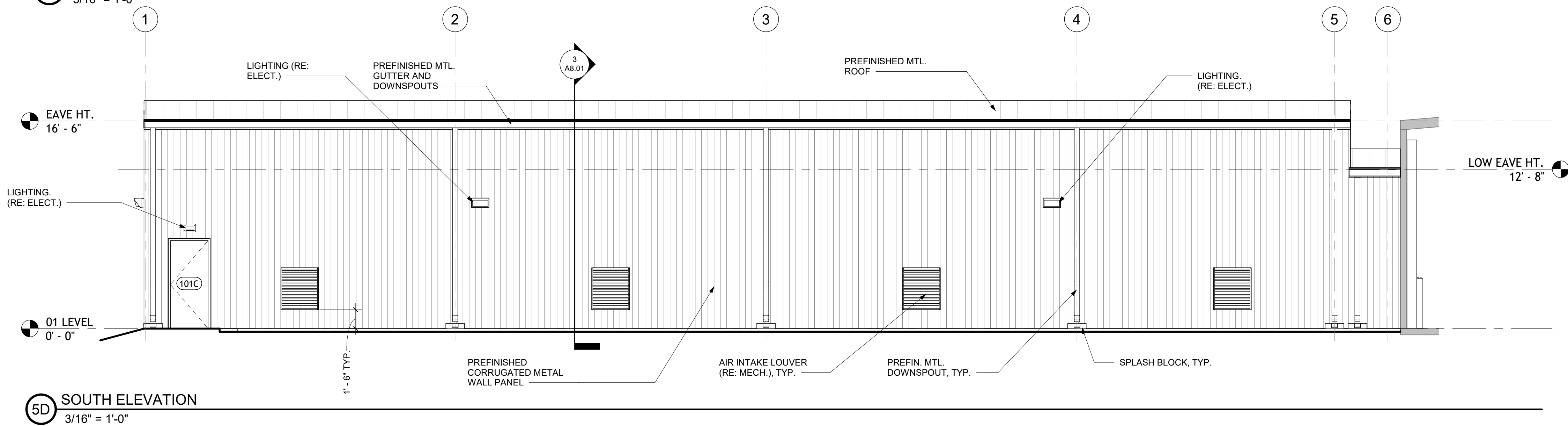
A5.01



2D NORTH ELEVATION
3/16" = 1'-0"



4D WEST ELEVATION
3/16" = 1'-0"



5D SOUTH ELEVATION
3/16" = 1'-0"

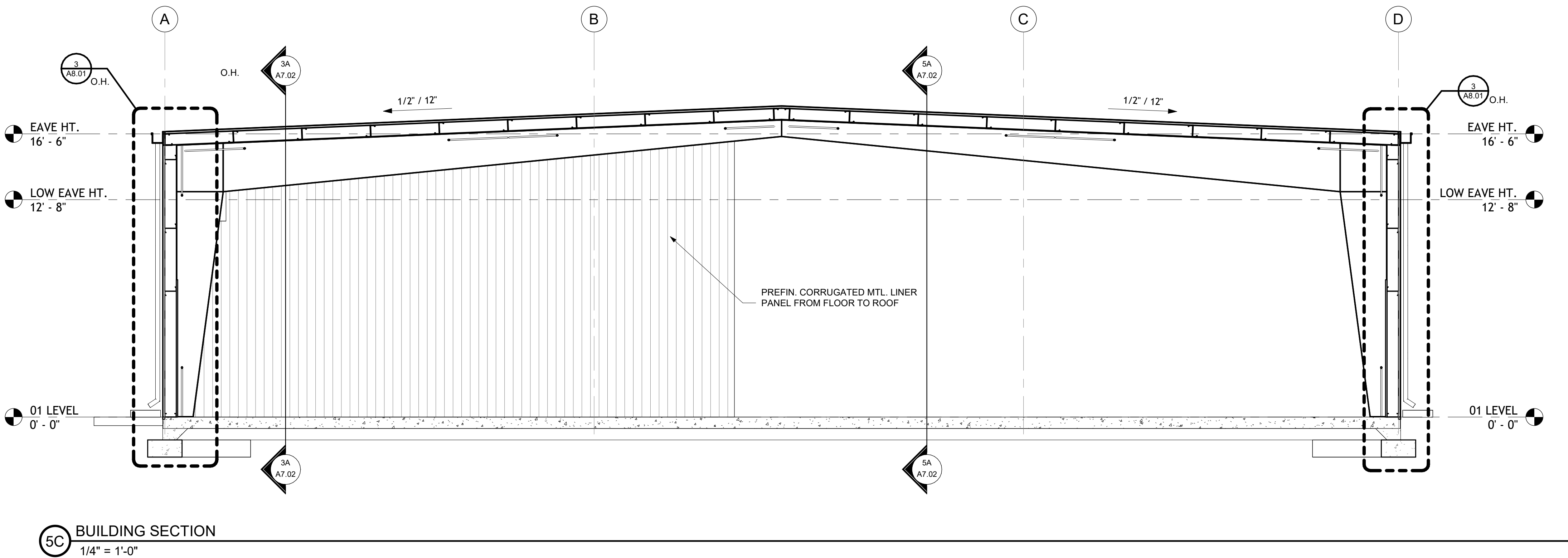
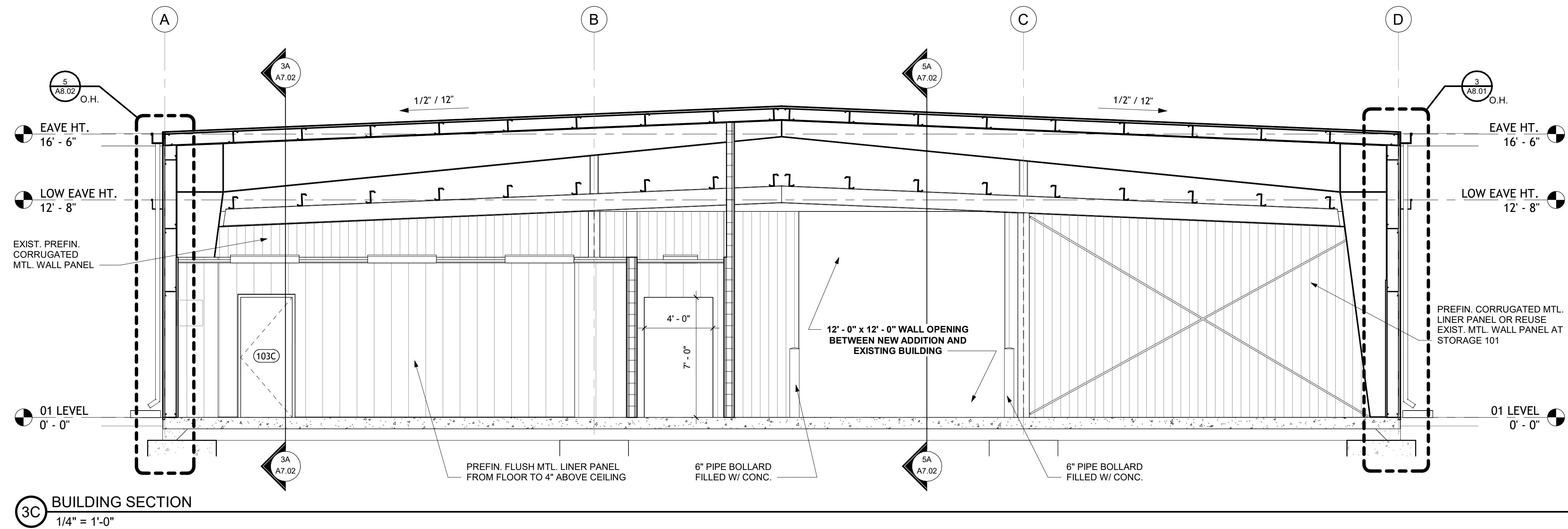
STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

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BUILDING
ELEVATIONS

A6.01



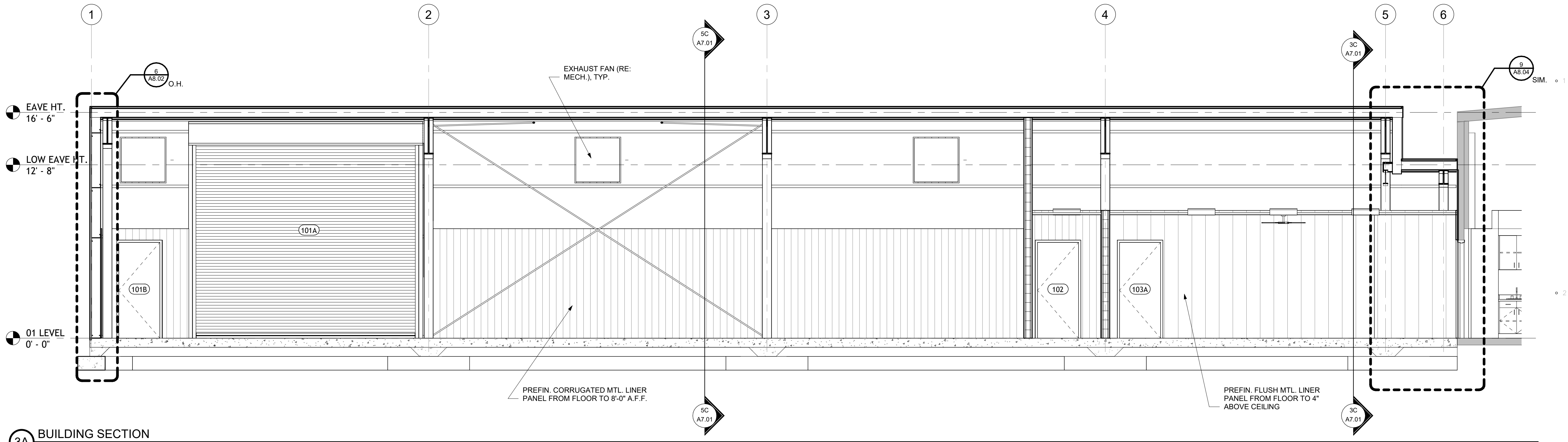
STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

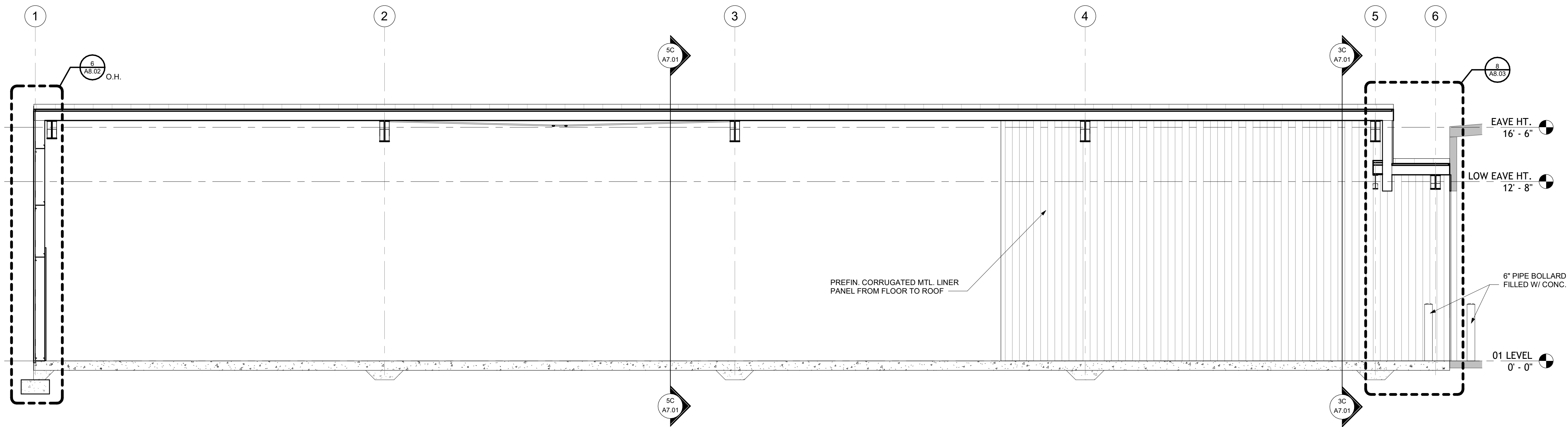
PROJECT NO.
26027
DATE:
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BUILDING
SECTIONS

A7.01



3A BUILDING SECTION
1/4" = 1'-0"



5A BUILDING SECTION
1/4" = 1'-0"

STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

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26027
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BUILDING
SECTIONS

A7.02



STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

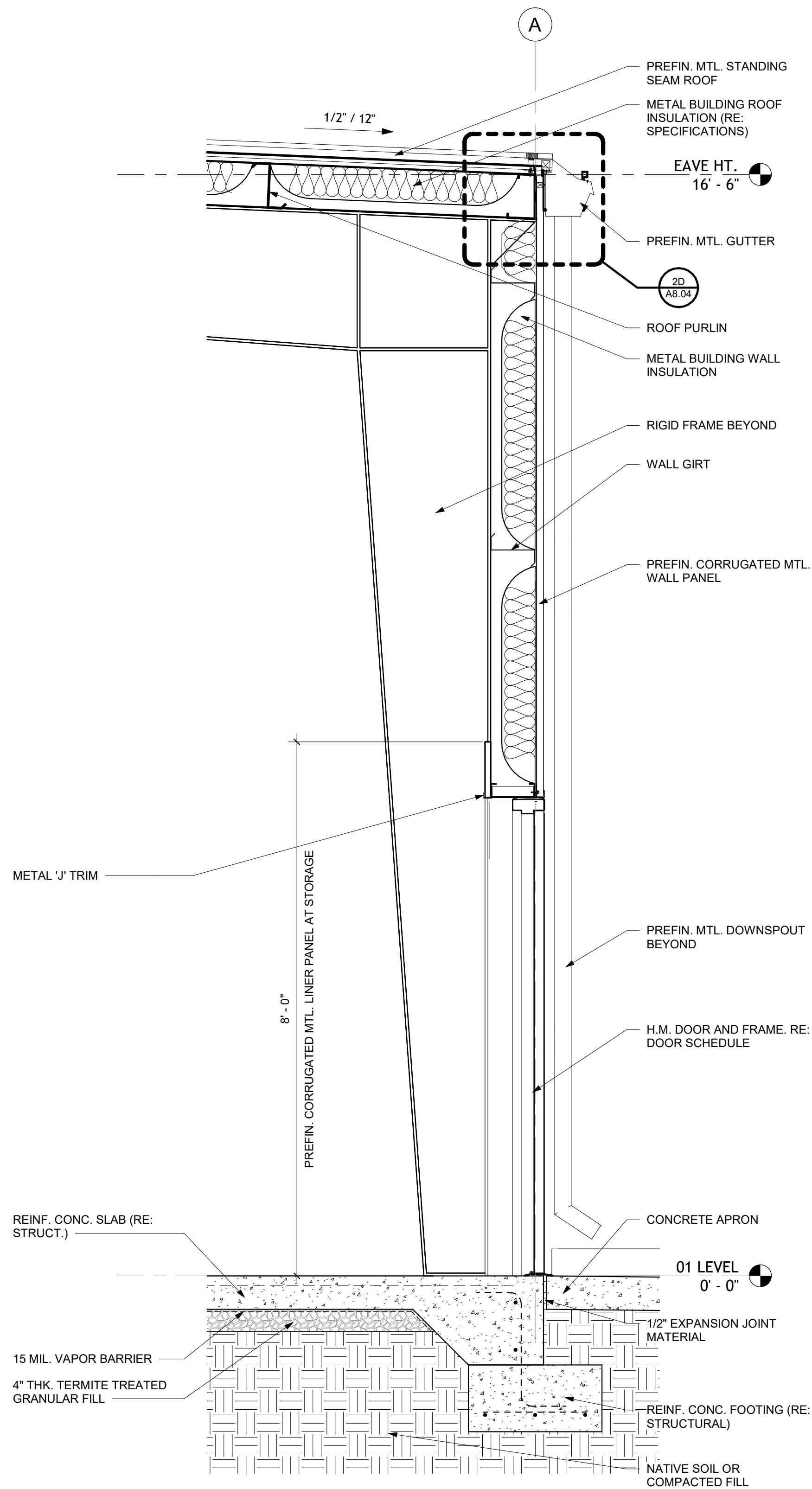
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26027
DATE:
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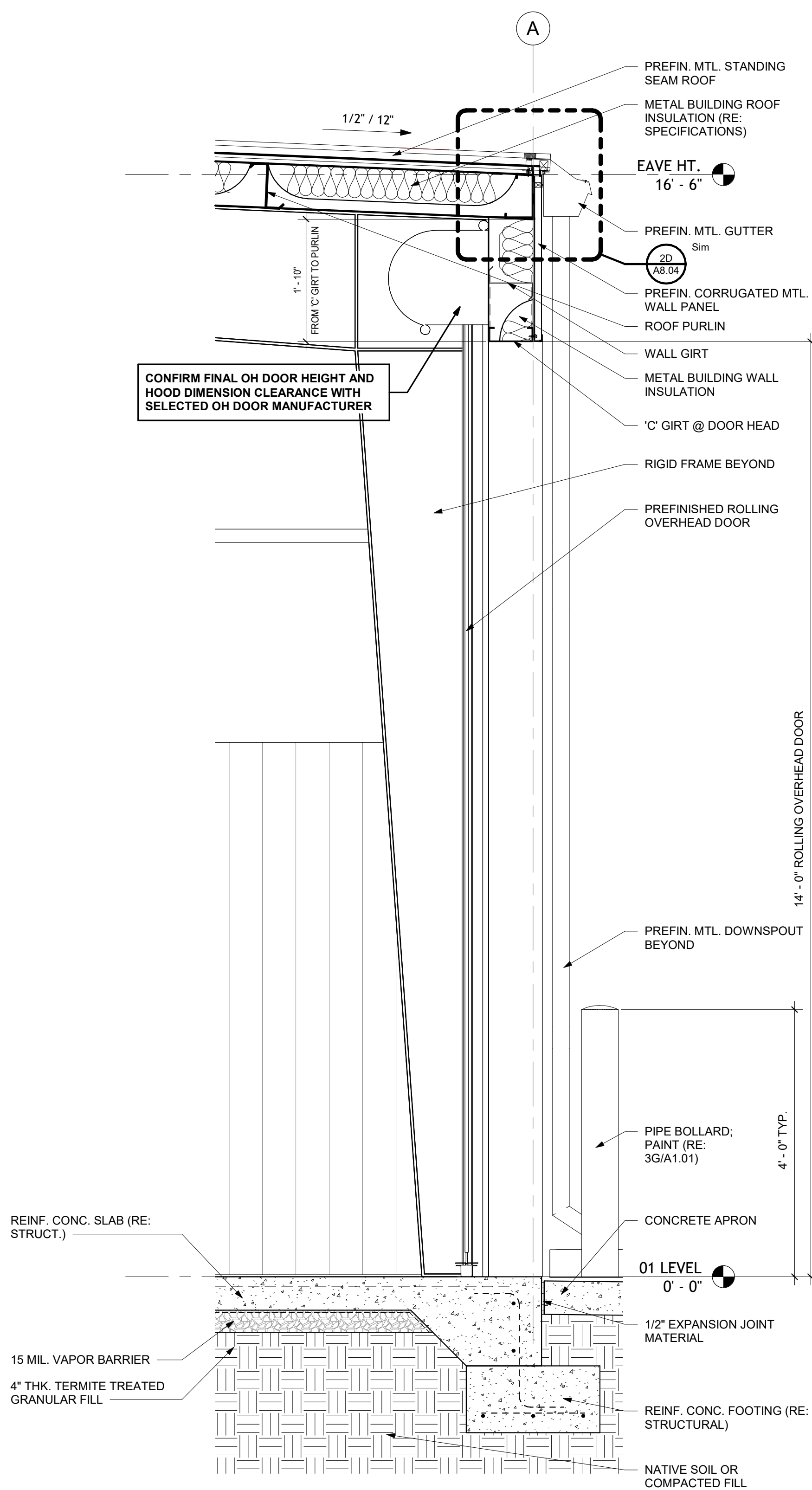
WALL SECTIONS
AND DETAILS

A8.01

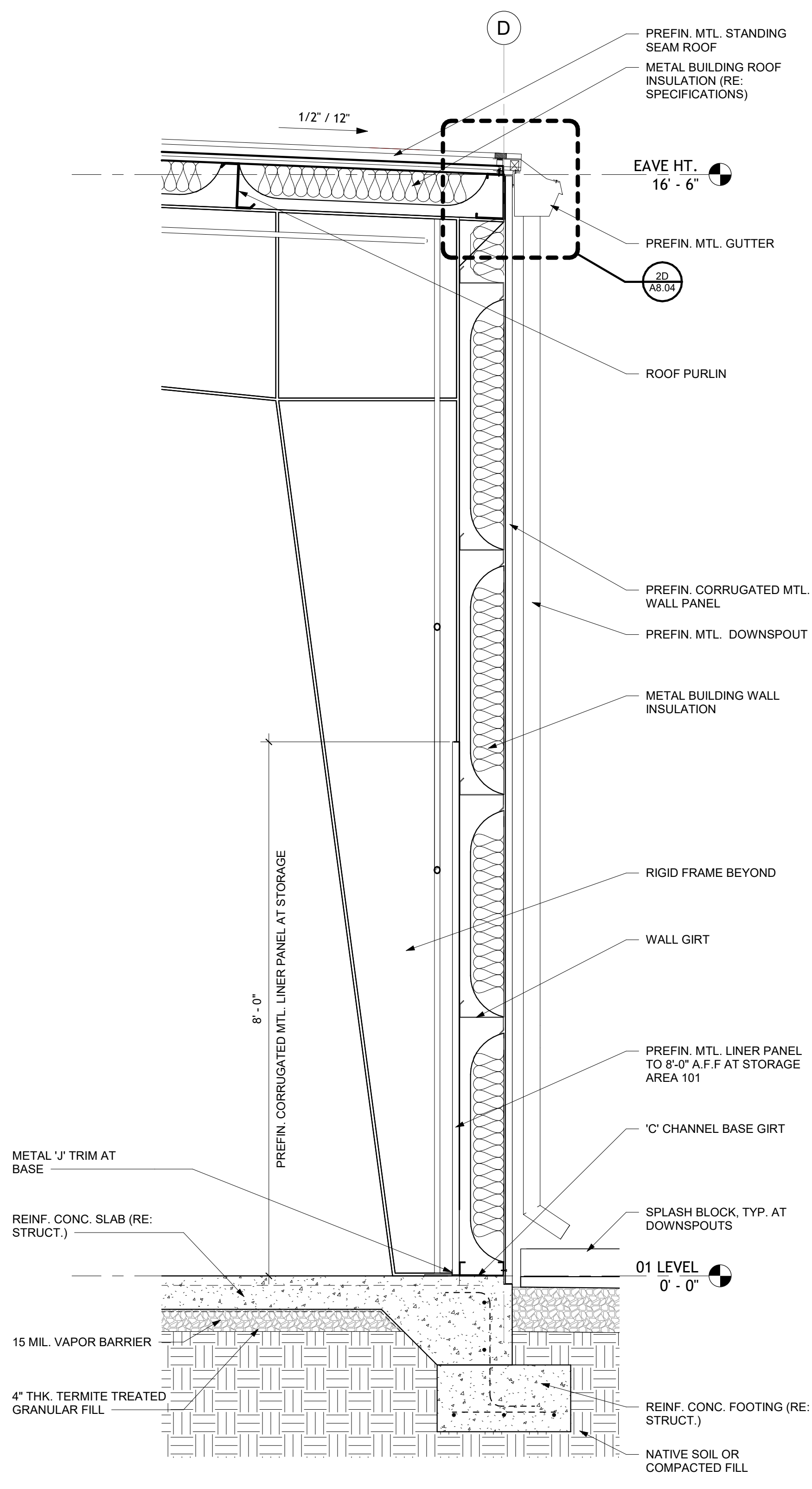
SCM ARCHITECTS P.L.L.C.



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



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



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



STEELE PLASTICS
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Conway, Arkansas 72034

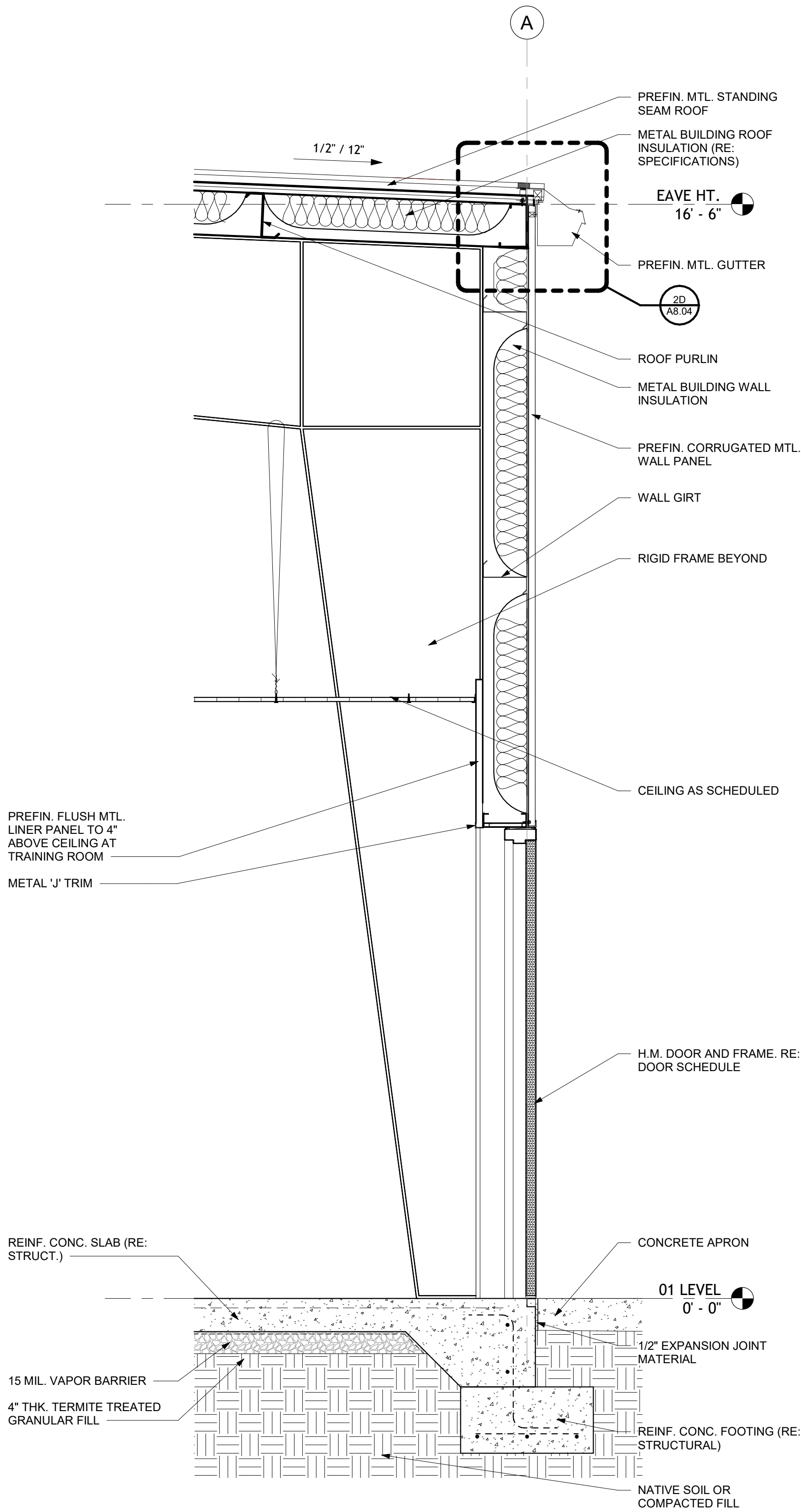
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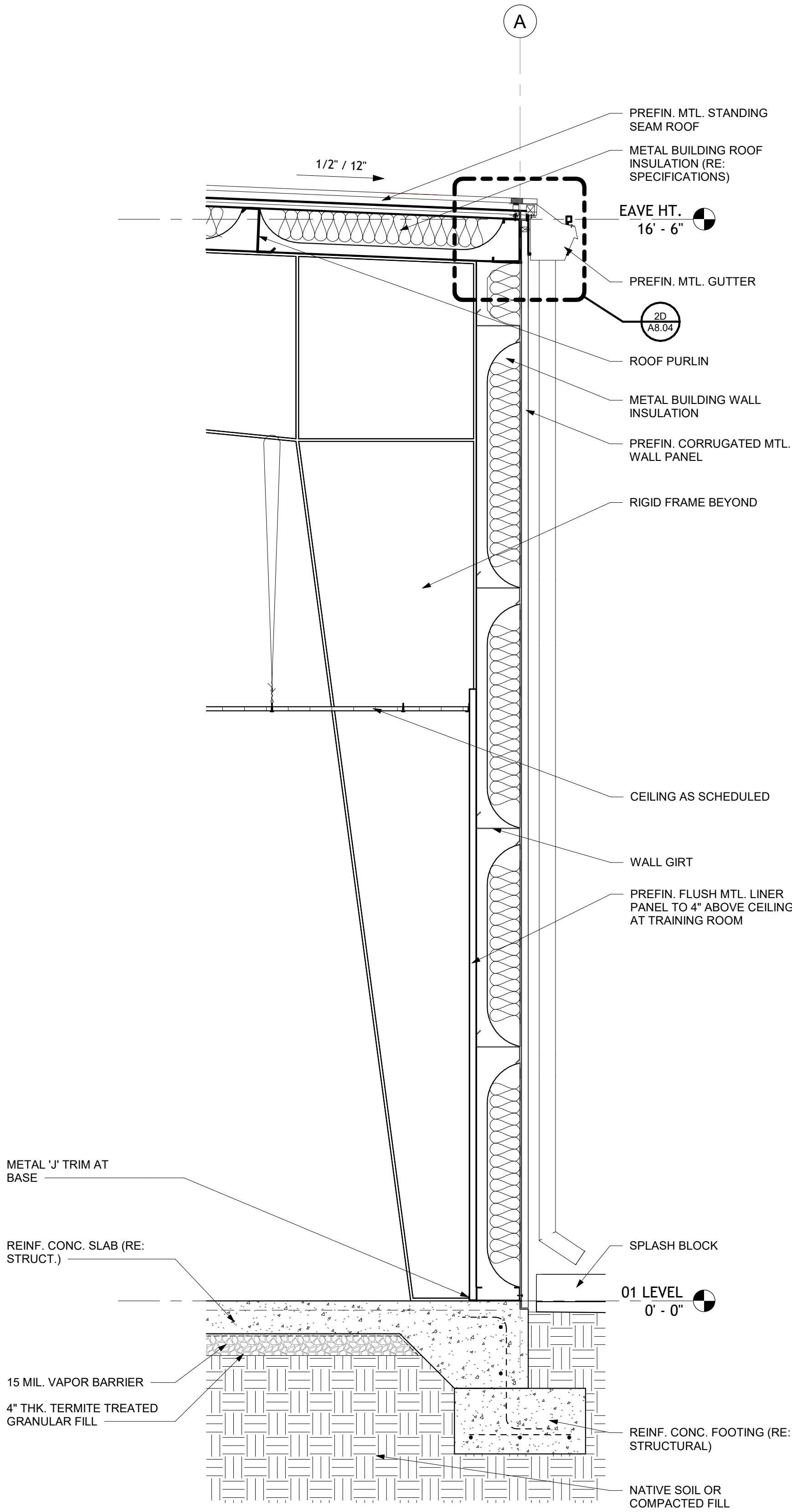
WALL SECTIONS
AND DETAILS

A8.02

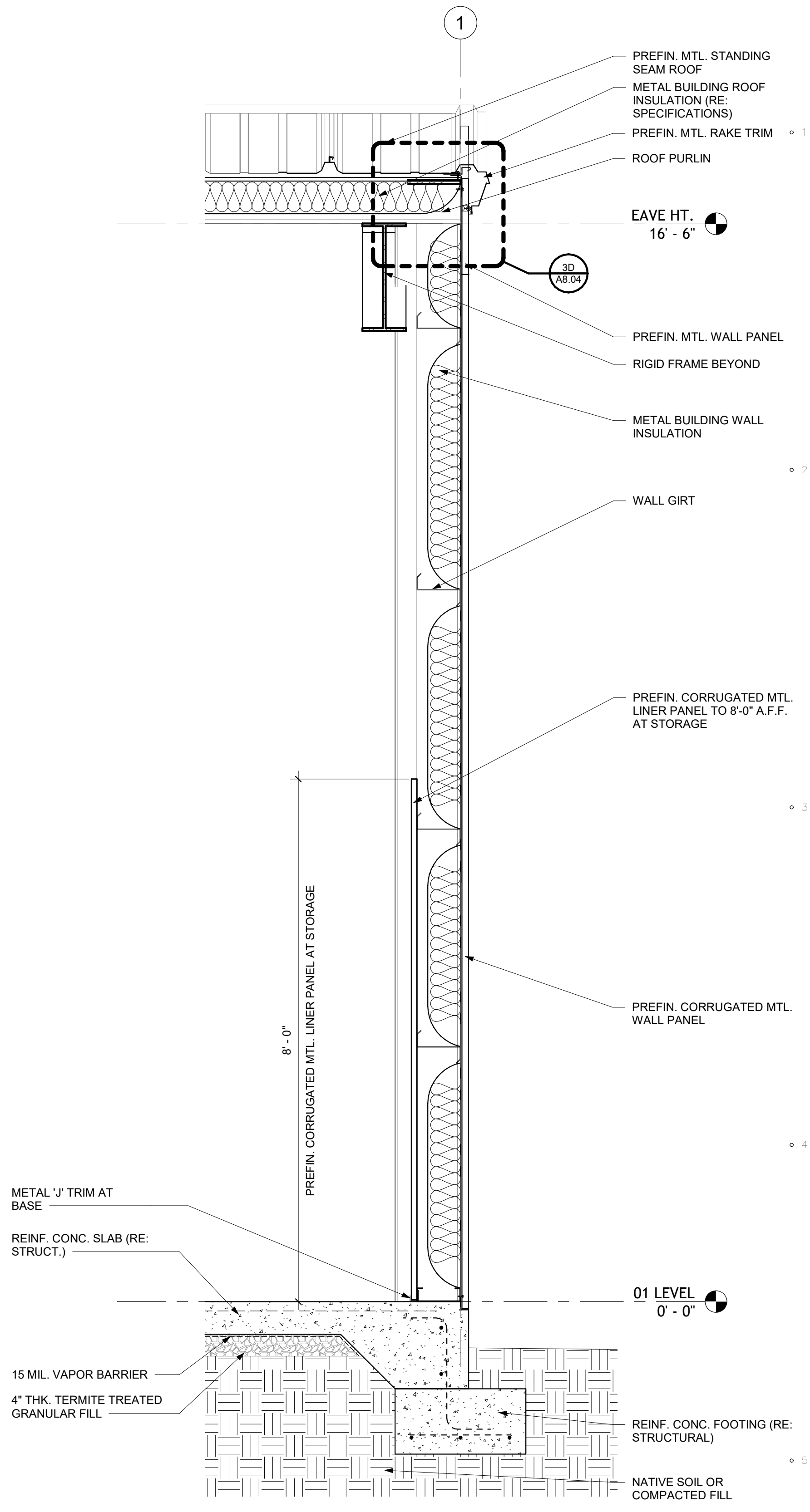
SCM ARCHITECTS P.L.L.C.



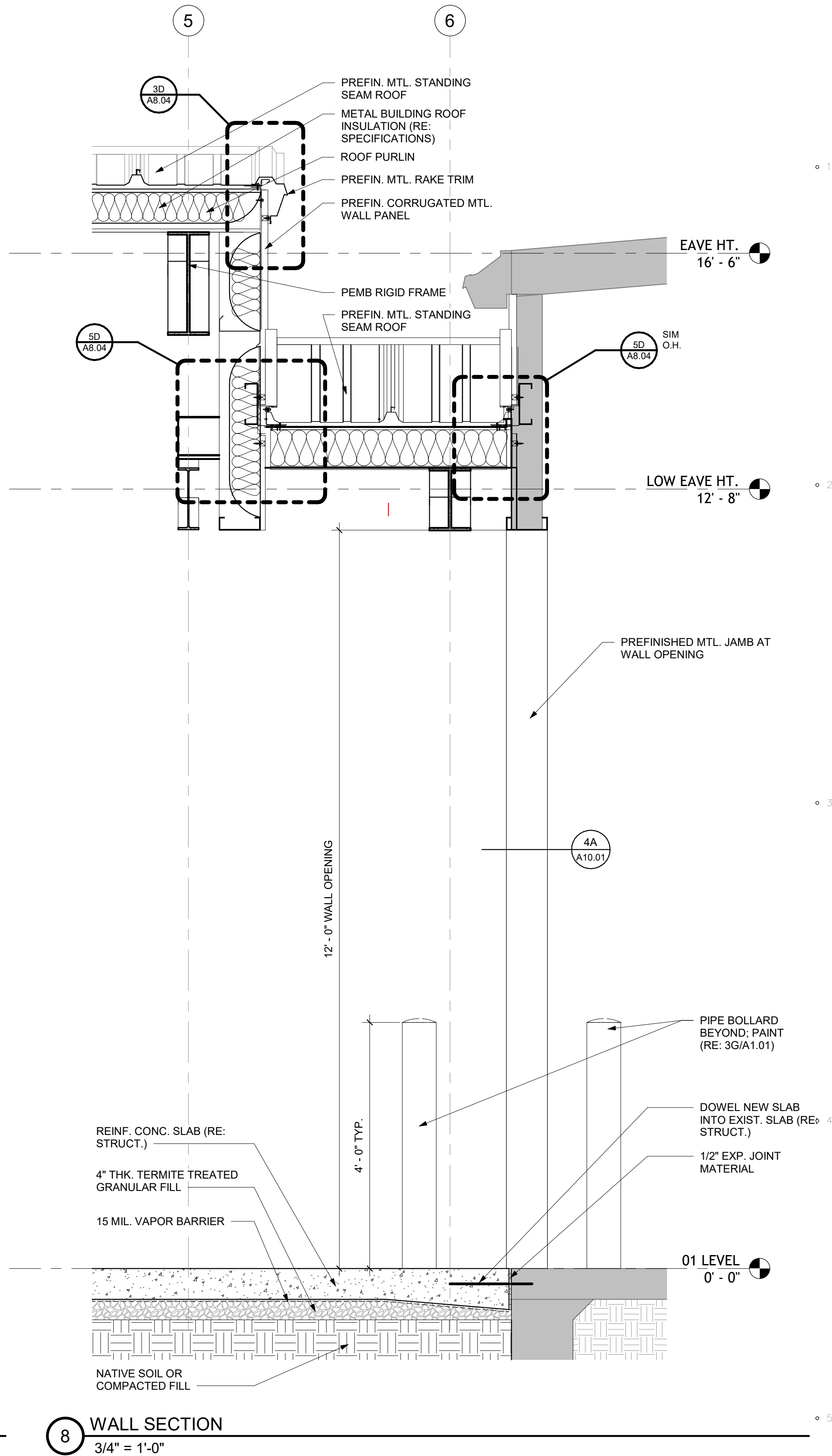
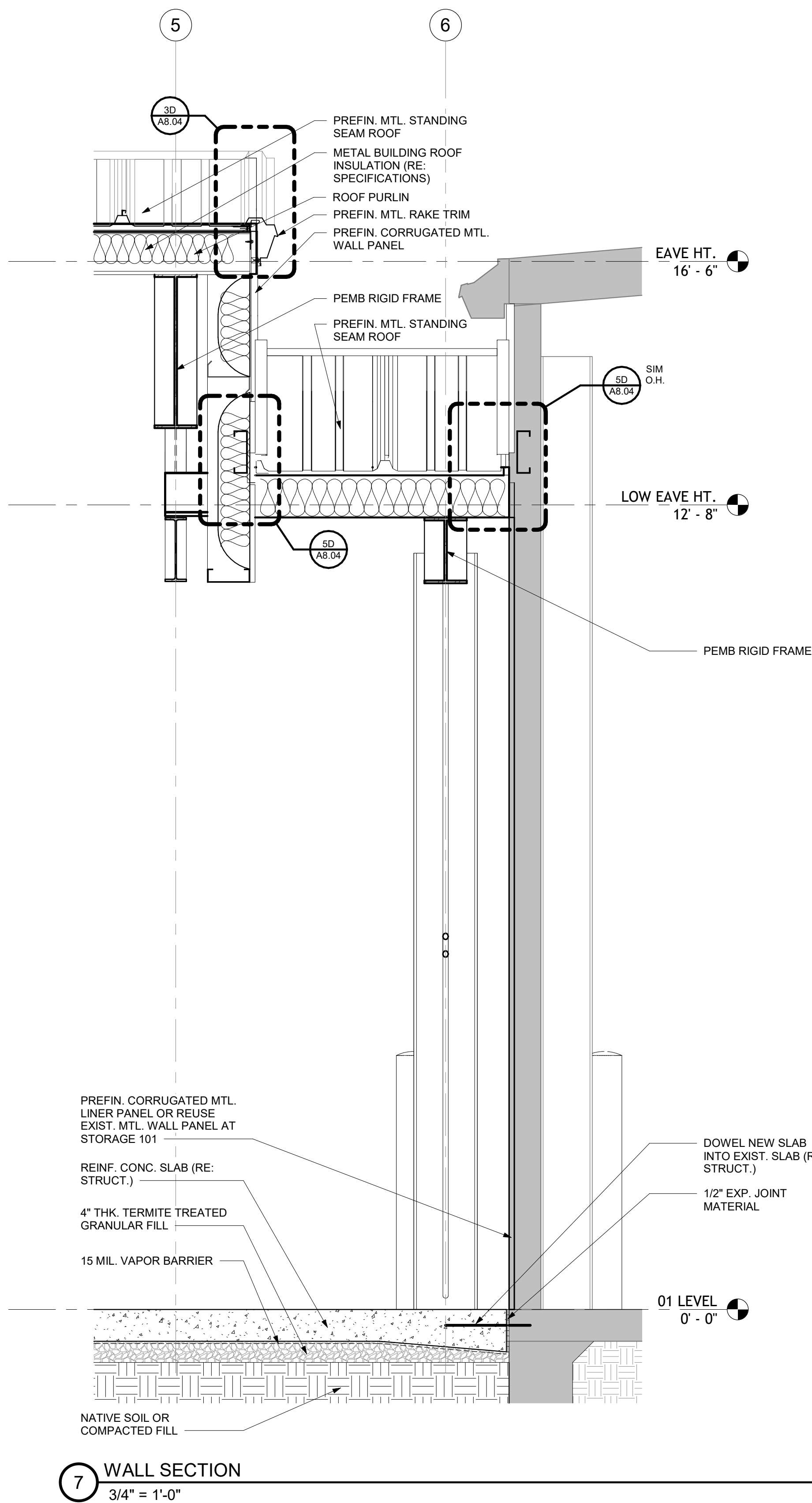
4 WALL SECTION
3/4" = 1'-0"



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



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



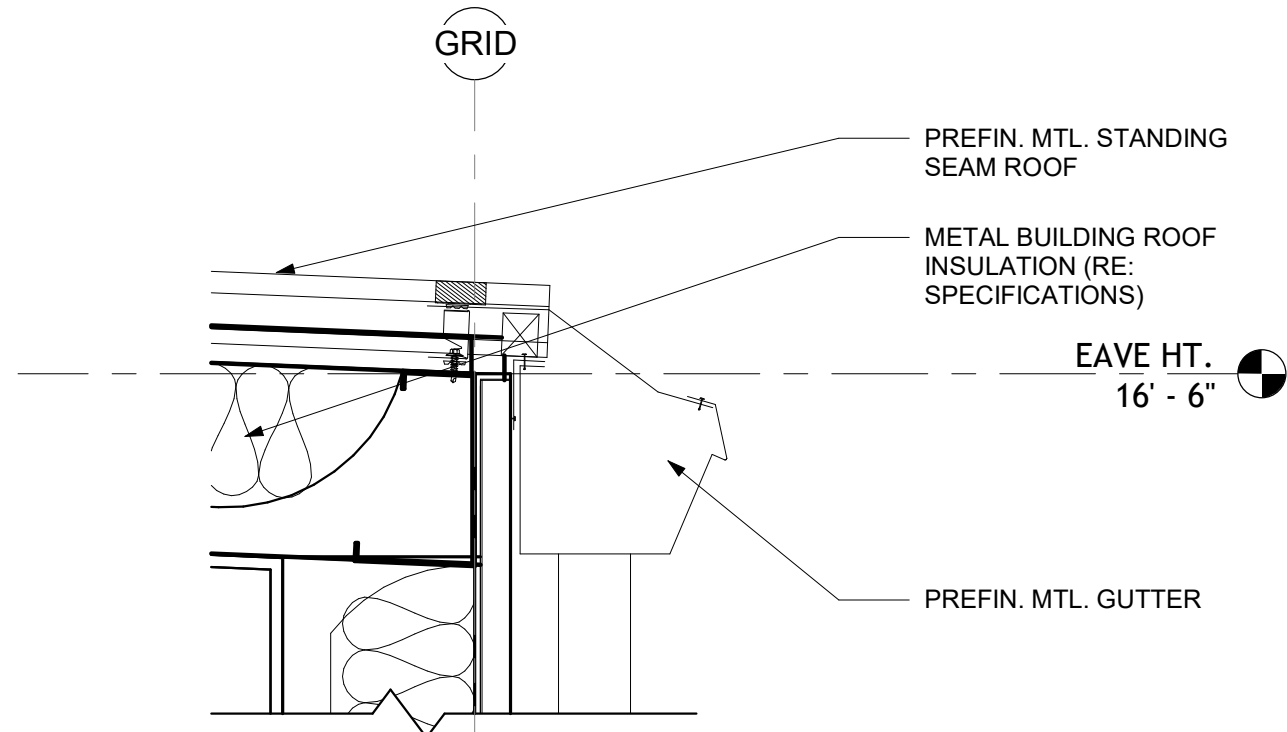
STEELE PLASTICS
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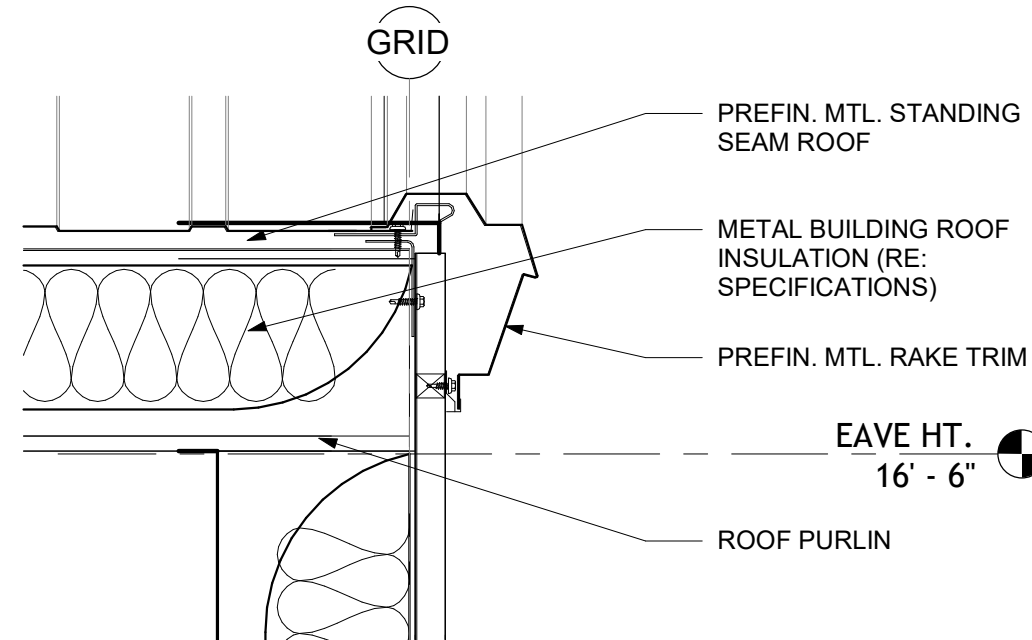
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WALL SECTIONS
AND DETAILS

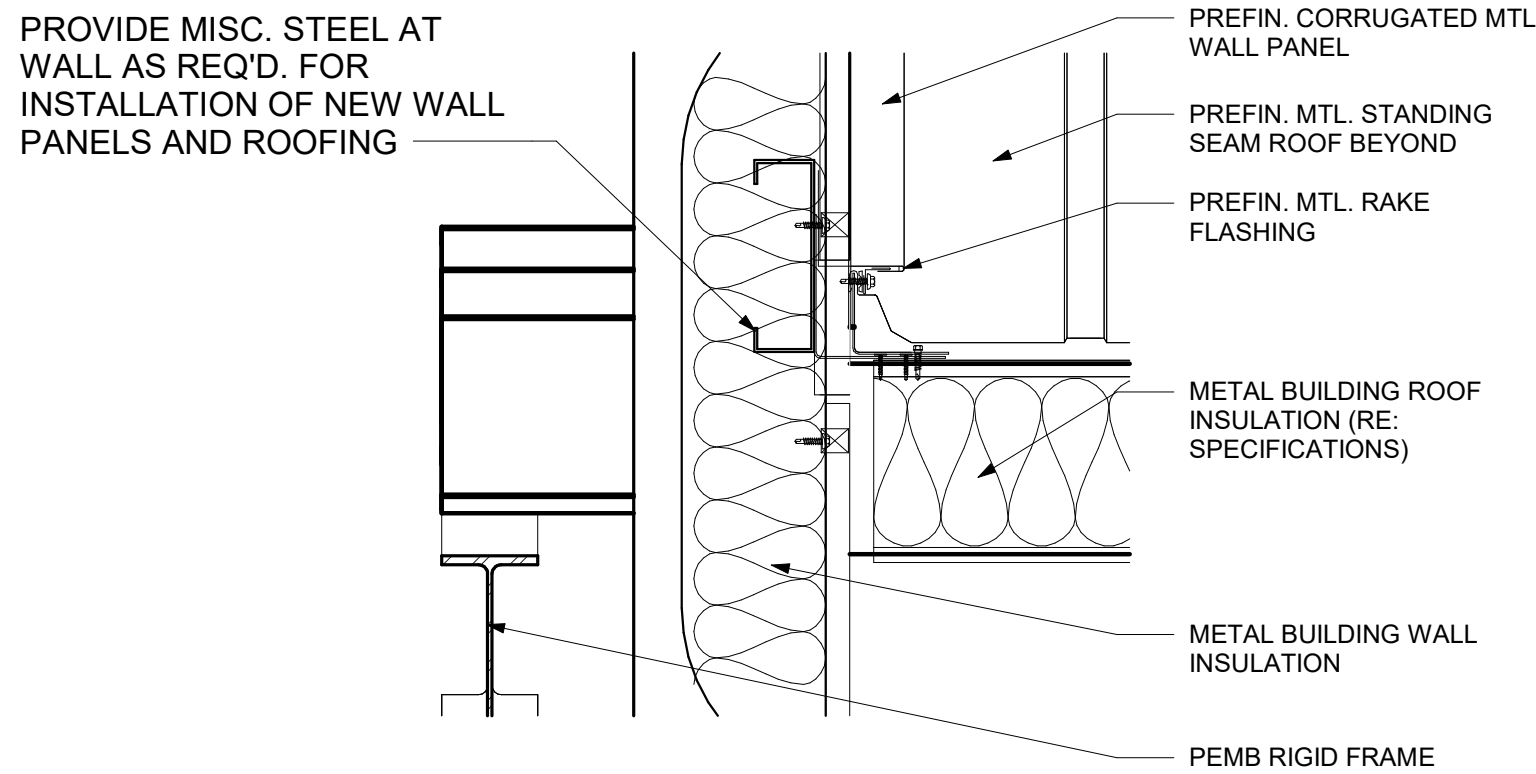
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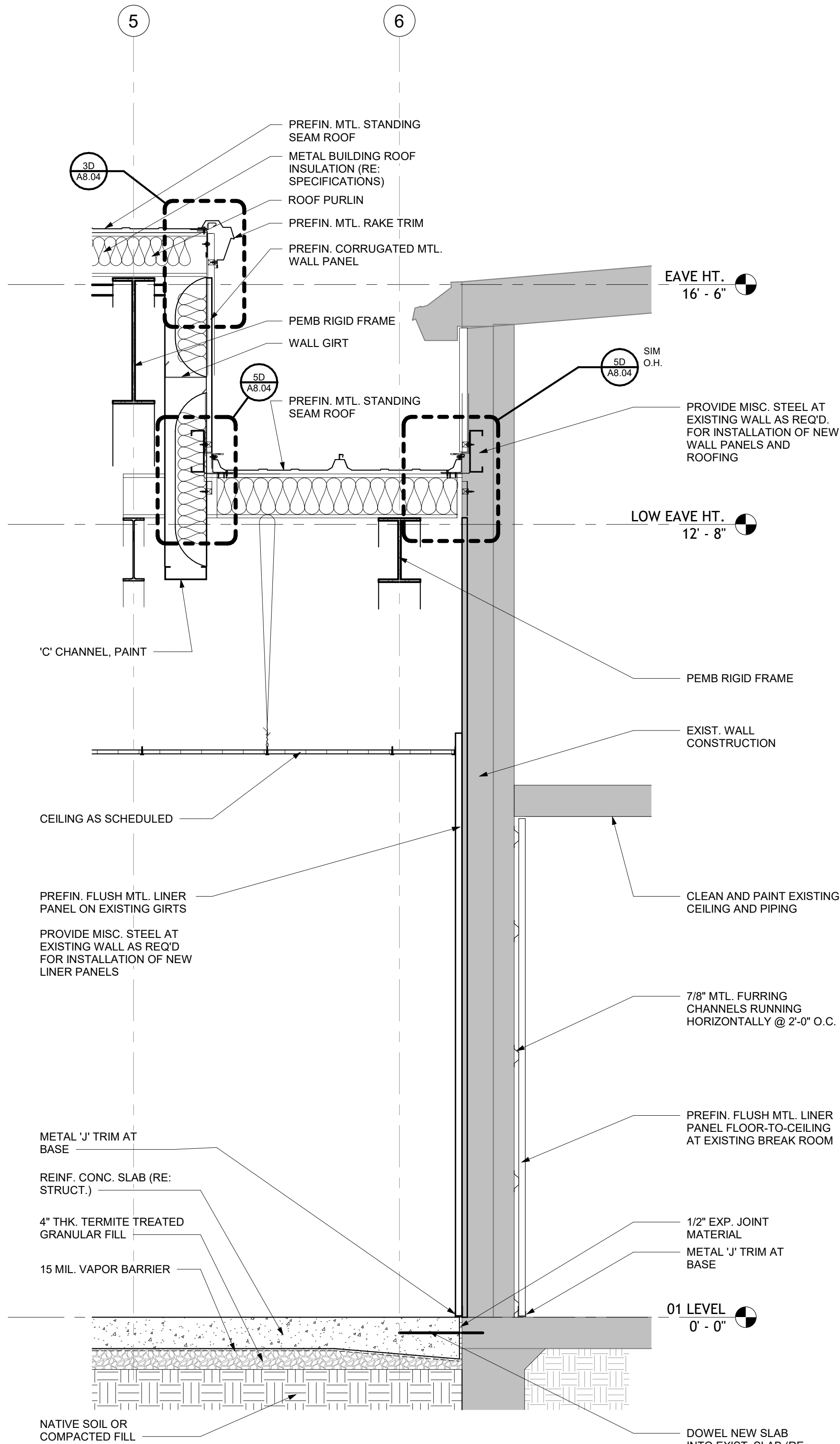
2D SECTION DETAIL
1 1/2" = 1'-0"



3D SECTION DETAIL
1 1/2" = 1'-0"



5D SECTION DETAIL
1 1/2" = 1'-0"



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

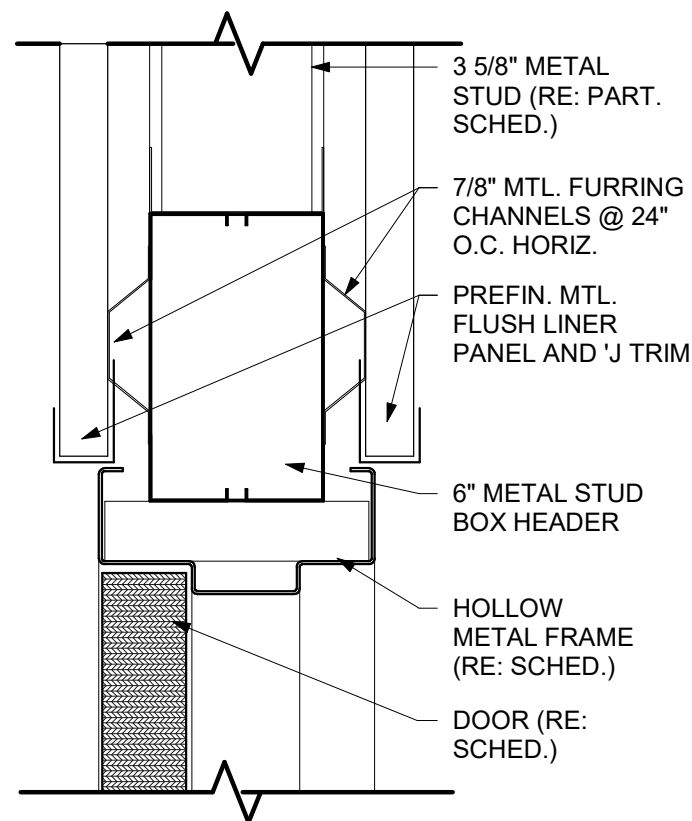
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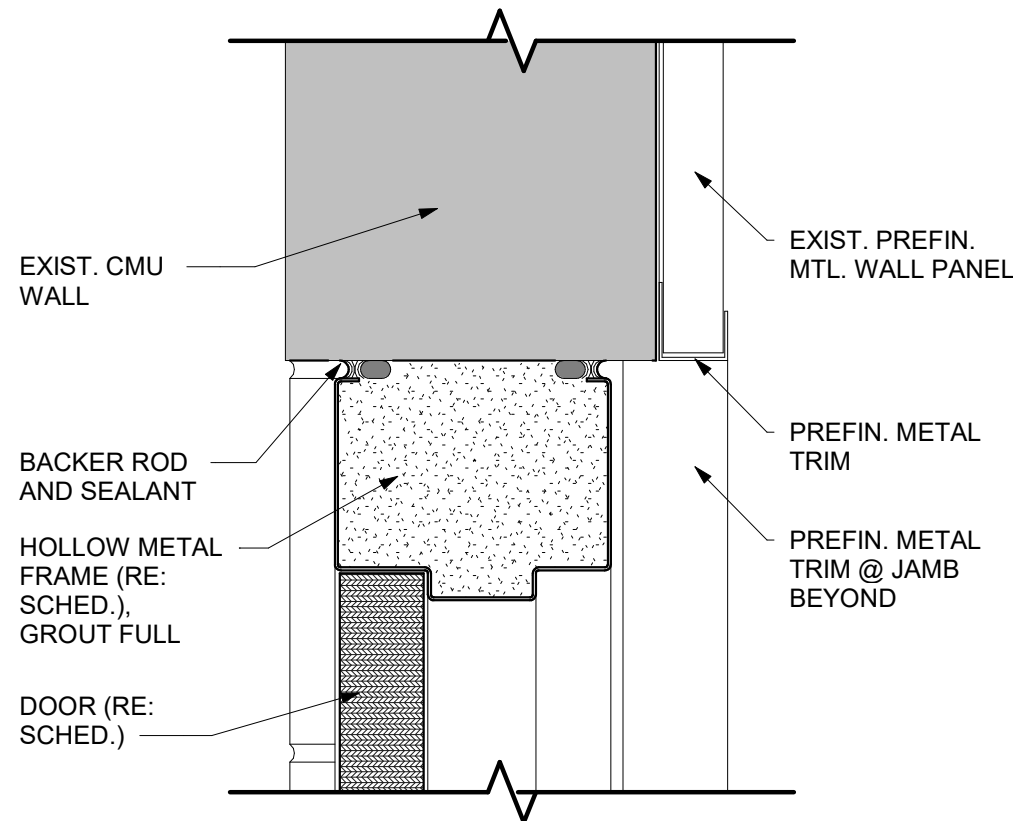
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WALL SECTIONS
AND DETAILS

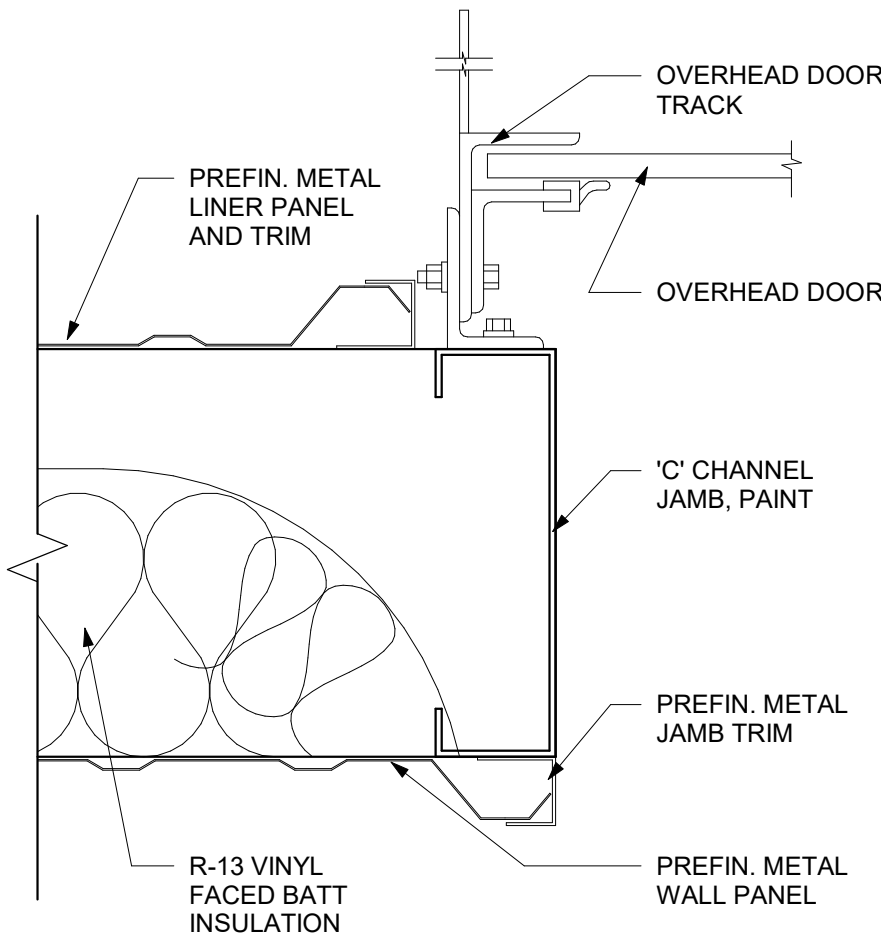
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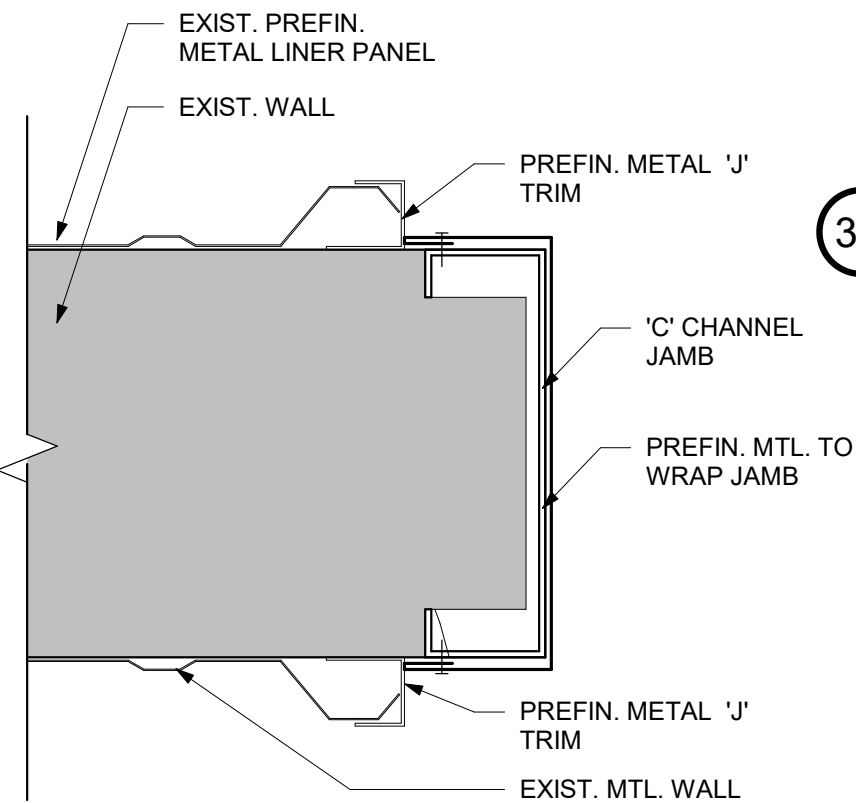
1A INTERIOR HEAD DETAIL
3" = 1'-0"



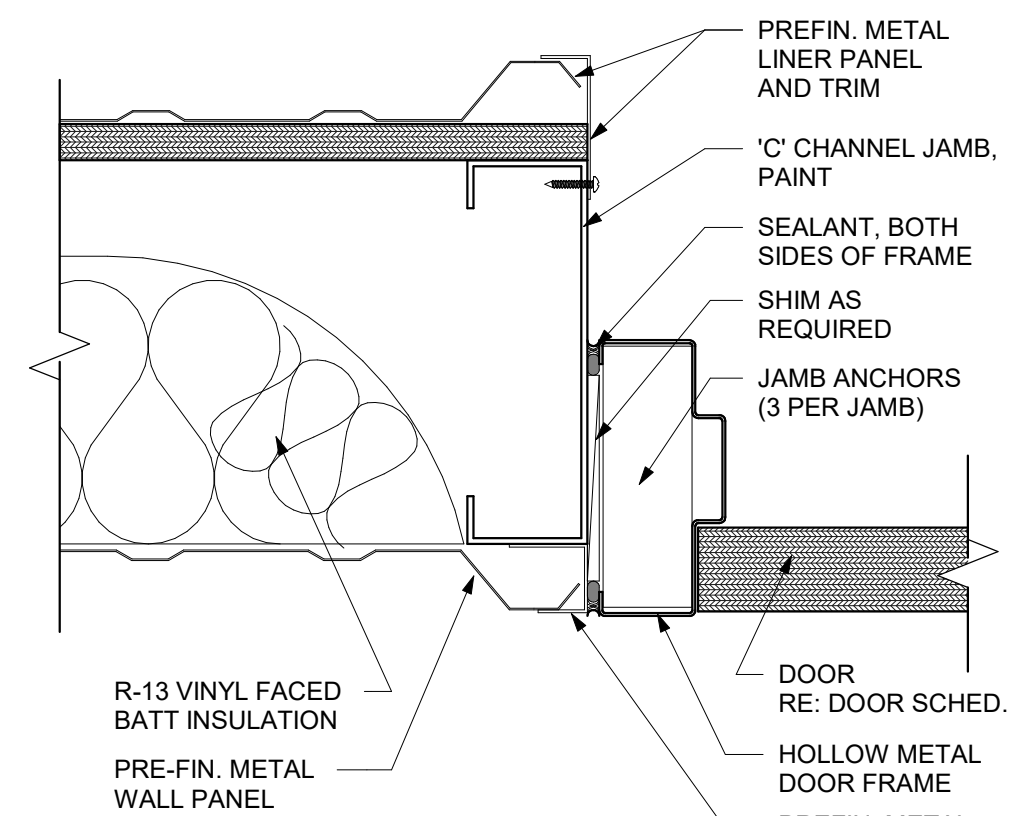
1C INTERIOR DOOR HEAD DETAIL
3" = 1'-0"



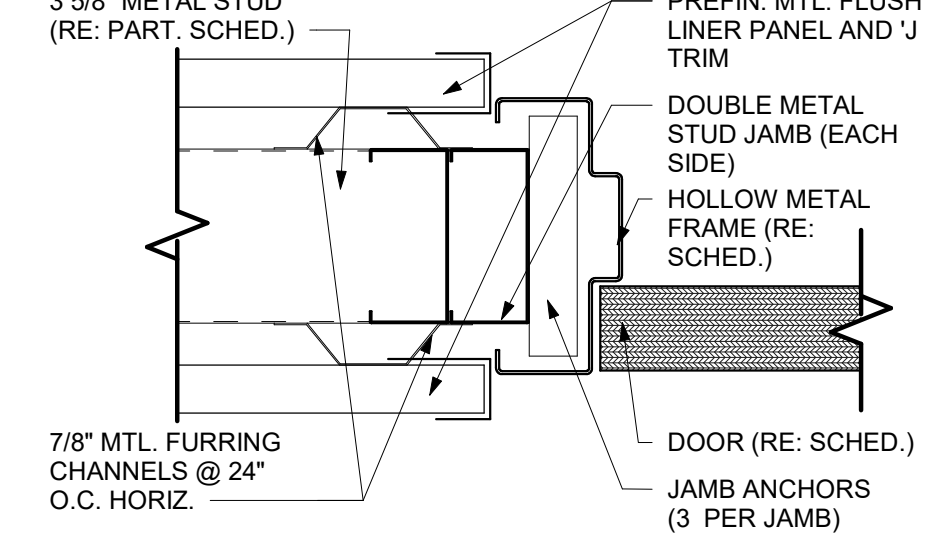
3A OVERHEAD DOOR JAMB - AT MTL. PANEL
3" = 1'-0"



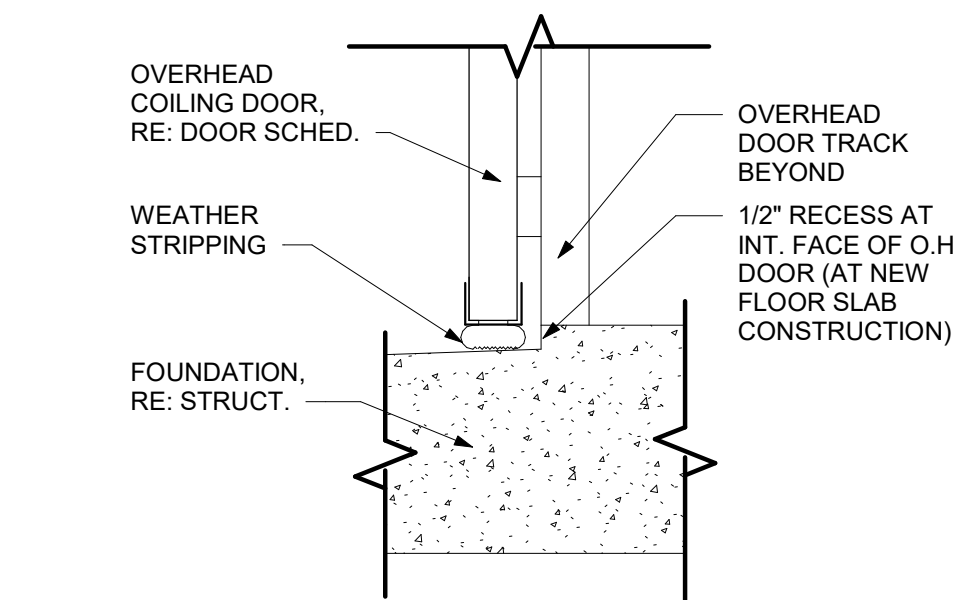
4A JAMB AT WALL OPENING
3" = 1'-0"



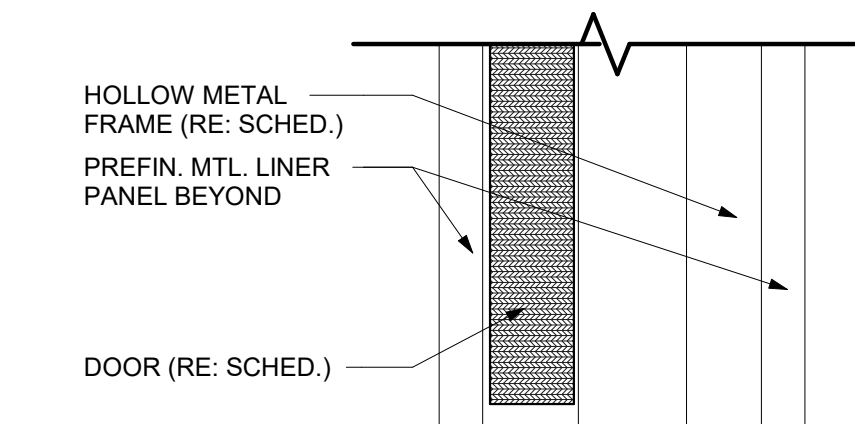
5B EXTERIOR DOOR JAMB DETAIL
3" = 1'-0"



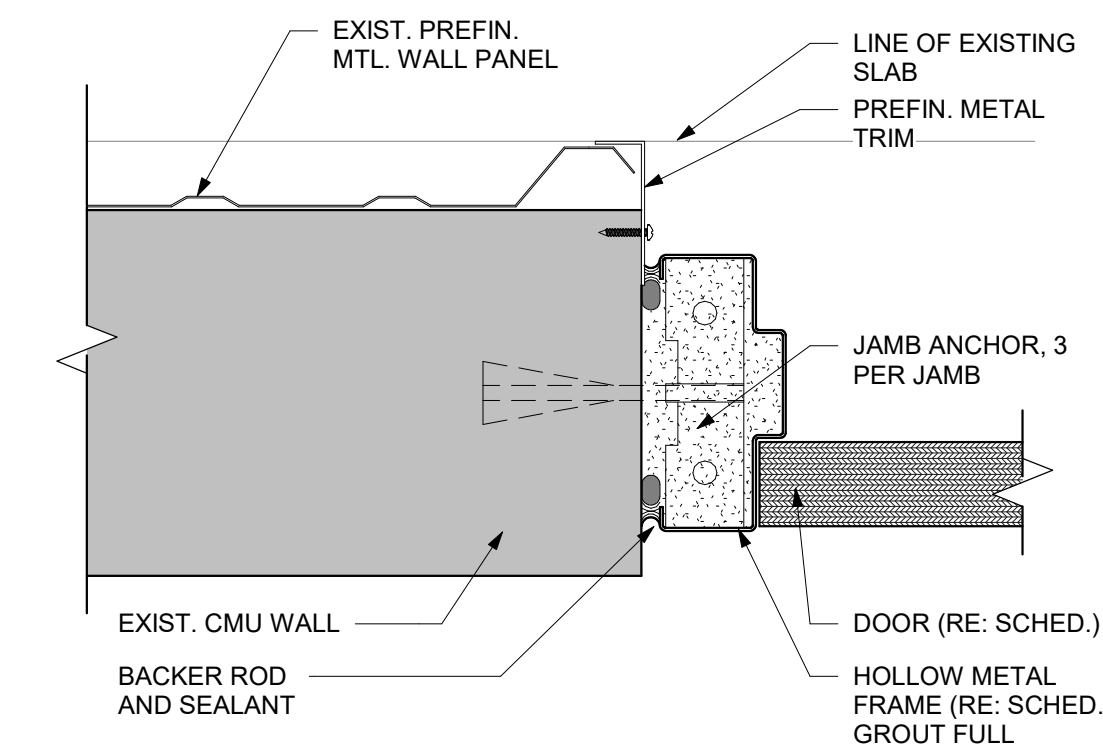
2C INTERIOR JAMB DETAIL
3" = 1'-0"



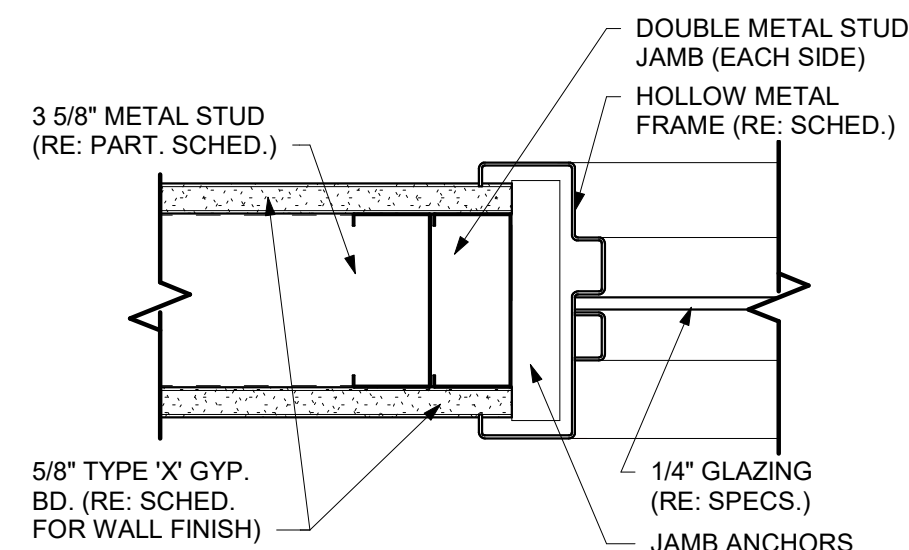
3C OVERHEAD DOOR SILL - EXTERIOR
3" = 1'-0"



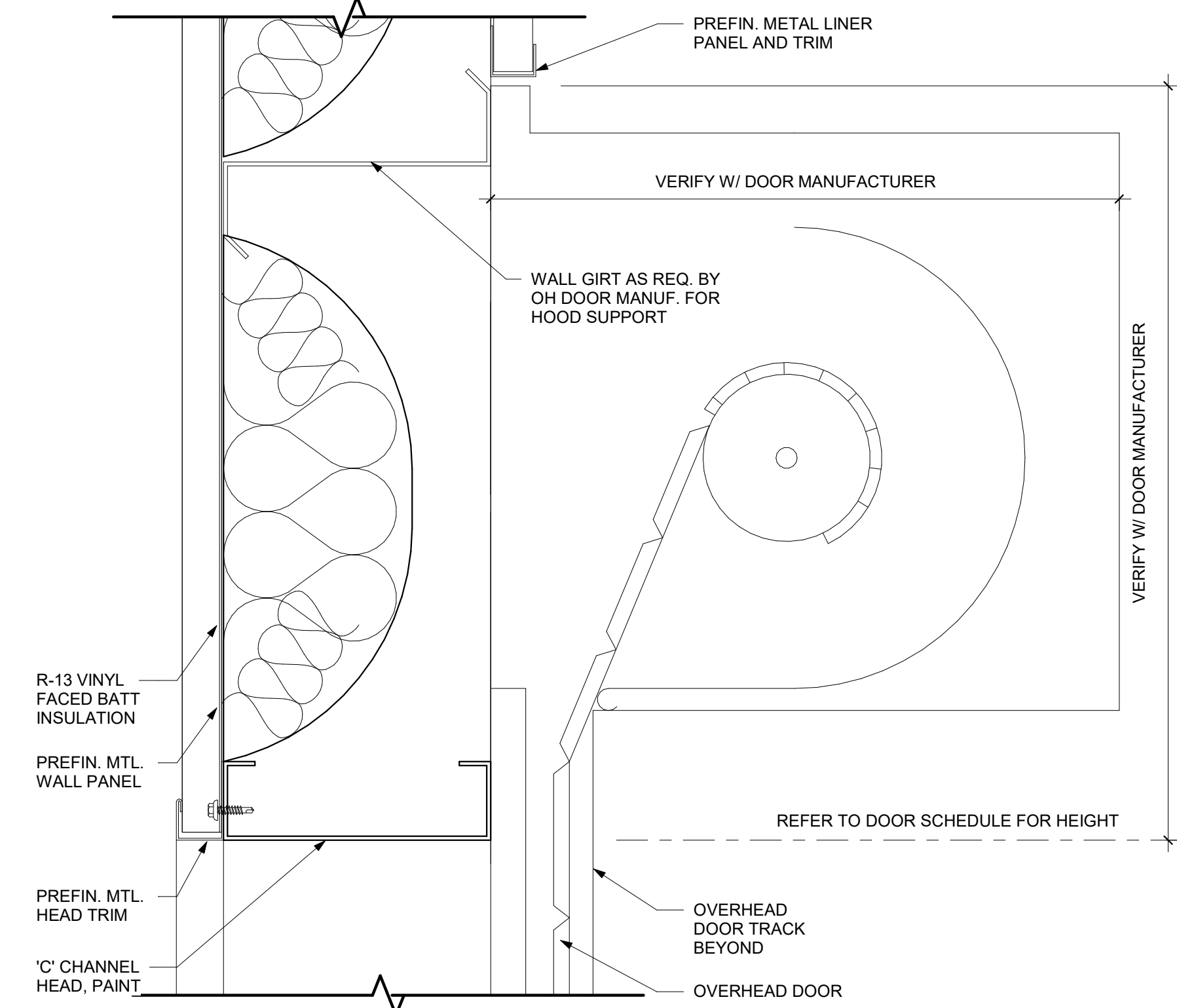
2D INTERIOR DOOR SILL DETAIL
3" = 1'-0"



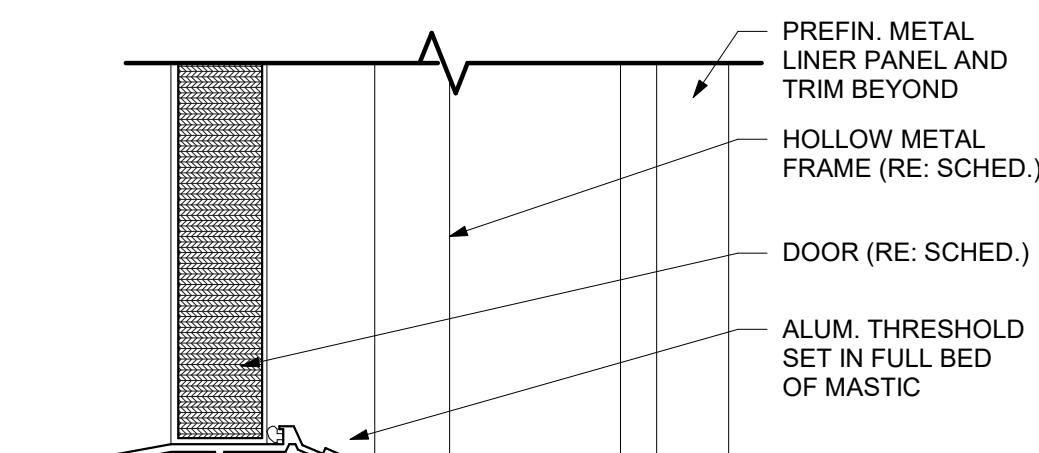
3D INTERIOR DOOR JAMB DETAIL
3" = 1'-0"



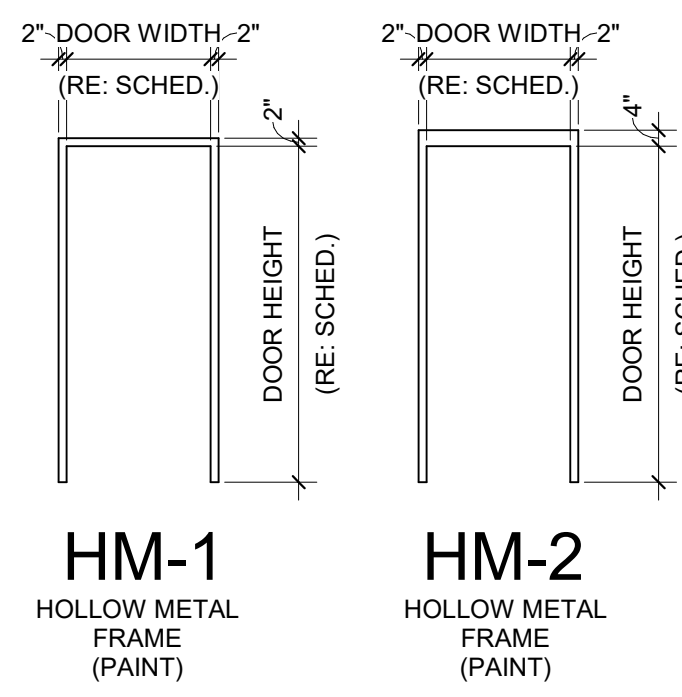
4D INTERIOR H.M. WINDOW JAMB DETAIL
3" = 1'-0"



3F OVERHEAD DOOR HEAD
3" = 1'-0"



4F EXTERIOR DOOR SILL DETAIL
3" = 1'-0"



DOOR AND FRAME ELEVATIONS

DOOR SCHEDULE										
DOOR MARK	TYPE	DOOR SIZE		FRAME				FIRE RATING LABEL	HARDWARE SET NO.	COMMENTS
		WIDTH	HEIGHT	TYPE	HEAD	JAMB	SILL			
100	B	3' - 0"	7' - 0"	HM-2	1C/A10.01	3D/A10.01	2D/A10.01	1-HR	HW-02	CONFIRM FRAME HEAD DIMENSION TO MATCH EXISTING FRAME
101A	C	16' - 0"	14' - 0"	-	3F/A10.01	3A/A10.01	3C/A10.01		-	CONFIRM FINAL OH DOOR HEIGHT AND HOOD DIMENSION CLEARANCE WITH SELECTED OH DOOR MANUFACTURER
101B	A	3' - 0"	7' - 0"	HM-1	5C/A10.01	5B/A10.01	4F/A10.01		HW-01	
101C	A	3' - 0"	7' - 0"	HM-1	5C/A10.01	5B/A10.01	4F/A10.01		HW-01	
102	A	3' - 0"	7' - 0"	HM-1	5C/A10.01	5B/A10.01	4F/A10.01		HW-01	
103A	A	3' - 0"	7' - 0"	HM-1	5C/A10.01	5B/A10.01	4F/A10.01		HW-01	
103B	A	3' - 0"	7' - 0"	HM-1	1A/A10.01	2C/A10.01	2D/A10.01		HW-02	
103C	A	3' - 0"	7' - 0"	HM-1	5C/A10.01 SIM.	5B/A10.01 SIIM.	2D/A10.01		HW-02	



GENERAL HVAC NOTES

- COORDINATE GRILLE LOCATIONS WITH LIGHT FIXTURES, SPRINKLERS AND CEILING GRID.
- MAINTAIN 10 FT. MINIMUM CLEARANCE BETWEEN FRESH AIR INTAKES AND ALL EXHAUST OUTLETS, GAS FLUES AND PLUMBING VENTS.
- ALL MECHANICAL INSTALLATIONS SHALL CONFORM TO THE LATEST ACCEPTABLE MECHANICAL CODE.
- SPRINKLER CONTRACTOR TO BE RESPONSIBLE FOR ROUTING ALL SPRINKLER PIPING TO AVOID ALL UNCONDITIONED SPACES.
- DO NOT SCALE DIRECTLY FROM THE HVAC DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL INFORMATION.

HVAC KEYED NOTES

- MAINTAIN A MINIMUM OF 10 FT. CLEARANCE BETWEEN ALL EXHAUST OUTLETS, FLUES, PLUMBING VENTS AND ANY FRESH AIR INTAKES. IF 10 FT. CLEARANCE CAN NOT BE MAINTAINED EXHAUST OUTLET, FLUE, OR VENT MUST TERMINATE AT A POINT AT LEAST 36 IN. ABOVE HIGHEST FRESH AIR INTAKE WITHIN 10 FT. LIMIT.
- LOCATE THERMOSTAT, CO2 SENSOR OR HUMIDISTAT AS INDICATED WITH THE CENTER OF THE THERMOSTAT AT 48 IN. ABOVE FINISHED FLOOR. SEAL ALL THERMOSTAT CONDUITS AT TOP AND BOTTOM OF CONDUIT. PROVIDE INSULATED BACKING FOR MOUNTING THERMOSTATS.

MECHANICAL LEGEND

- SUPPLY, RETURN, OR EXHAUST DUCT
- UH-1 ① THERMOSTAT. MOUNT AT 48" A.F.F TO TOP (NUMBER DENOTES HEATER UNIT)
- ① SEE KEYED NOTES



0.1

LOUVER SCHEDULE								
MARK	CFM	NECK SIZE	MFG	MODEL	TYPE	FINISH	FRAME	ACCESSORIES
IL-1	3525	40" X 36"	GREENHECK	EACA-601	INTAKE LOUVER	2-CT, 10% KYNAR	FLANGED	1, 2, 3, 4
IL-2	3525	40" X 36"	GREENHECK	EACA-601	INTAKE LOUVER	2-CT, 10% KYNAR	FLANGED	1, 2, 3, 4
IL-3	3525	40" X 36"	GREENHECK	EACA-601	INTAKE LOUVER	2-CT, 10% KYNAR	FLANGED	1, 2, 3, 4
IL-4	3525	40" X 36"	GREENHECK	EACA-601	INTAKE LOUVER	2-CT, 10% KYNAR	FLANGED	1, 2, 3, 4

- REMARKS/ACCESSORIES
- ALUMINUM CONSTRUCTION.
 - PROVIDE STEEL BIRD SCREEN.
 - PROVIDE COMBINATION LOUVER/DAMPER WITH 120 VOLT ACTUATOR AND END SWITCH.
 - PROVIDE WITH VINYL BLADE EDGE AND JAMB SEALS.

UNIT HEATER SCHEDULE							
MARK	MFG	MODEL	HEATING			VOLT / PH / HZ	ACCESSORIES
			INPUT MBH	OUTPUT MBH	FUEL TYPE		
UH-1	REZNOR	UDXC-75	75	62.3	NG	115 / 1 / 60	
UH-2	REZNOR	UDXC-75	75	62.3	NG	115 / 1 / 60	
UH-3	REZNOR	UDXC-75	75	62.3	NG	115 / 1 / 60	

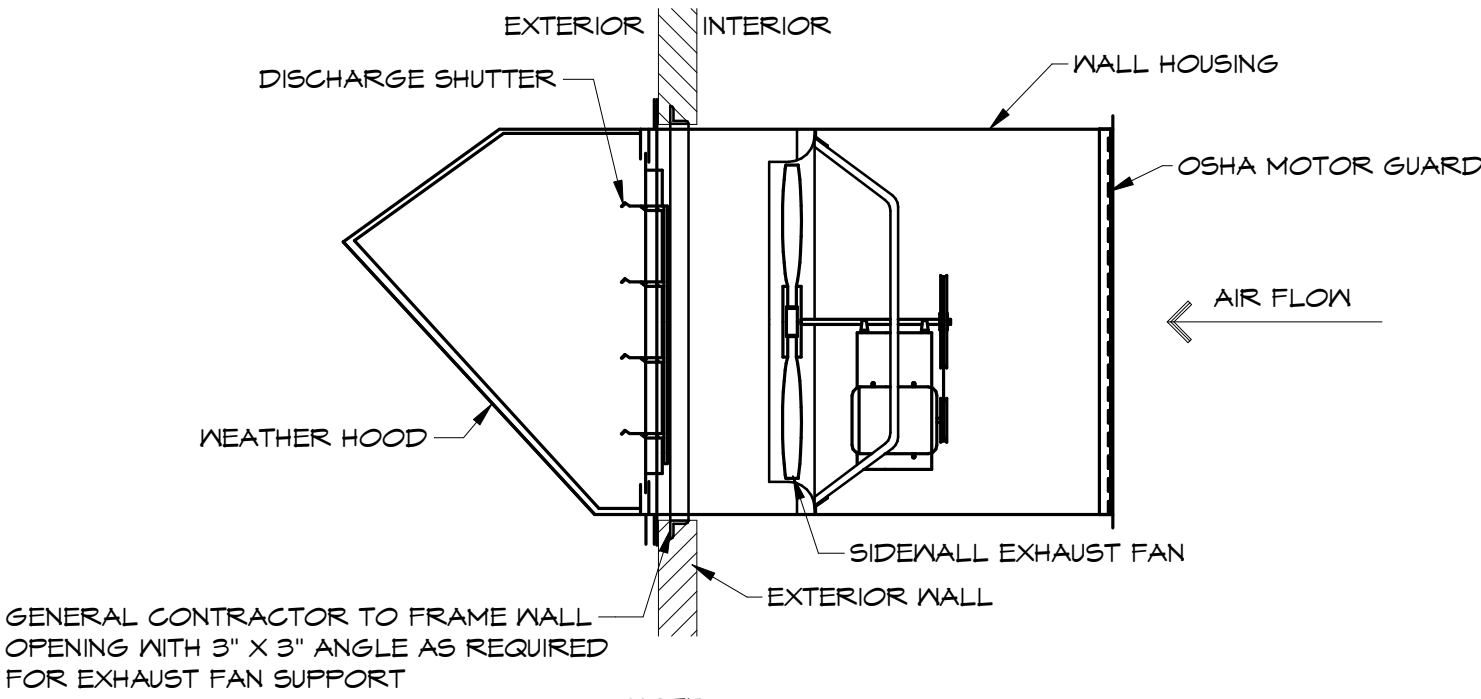
CEILING HEATER SCHEDULE						
MARK	MFG	MODEL	INPUT KW	AMPS	VOLT / PH / HZ	ACCESSORIES
CH-1	MARKEL	H3483A1	3 KW	12.5	240 / 1 / 60	1 THRU 4
CH-2	MARKEL	H3483A1	3 KW	12.5	240 / 1 / 60	1 THRU 4

- REMARKS/ACCESSORIES:
- PROVIDE WITH REMOTE LOW VOLTAGE THERMOSTAT.
 - PROVIDE WITH MOUNTING FRAME TO INSTALL IN 2X2 CEILING GRID.
 - PROVIDE WITH FACTORY INSTALLED DISCONNECT.
 - PROVIDE WITH FACTORY INSTALLED LOW VOLTAGE TRANSFORMER AND CONTROL RELAY.

EXHAUST FAN SCHEDULE									
MARK	MFG.	MODEL	CFM	ESP. IN. WG	H.P.	VOLT/PH/HZ	SONE	RPM	REMARKS / ACCESSORIES
EF-1	GREENHECK	AER-30-03-0310	4700	0.4	2.0	208-230 / 1 / 60	35	1517	1 THRU 4
EF-2	GREENHECK	AER-30-03-0310	4700	0.4	2.0	208-230 / 1 / 60	35	1517	1 THRU 4
EF-3	GREENHECK	AER-30-03-0310	4700	0.4	2.0	208-230 / 1 / 60	35	1517	1 THRU 4

- REMARKS/ACCESSORIES
- PROVIDE FACTORY BACK DRAFT DAMPER.
 - PROVIDE DIRECT DRIVE MOTOR WITH FAN SPEED CONTROLLER.
 - PROVIDE WITH WEATHER HOOD.
 - PROVIDED WALL SLEEVE WITH OSHA MOTOR INLET GUARD.

0.2

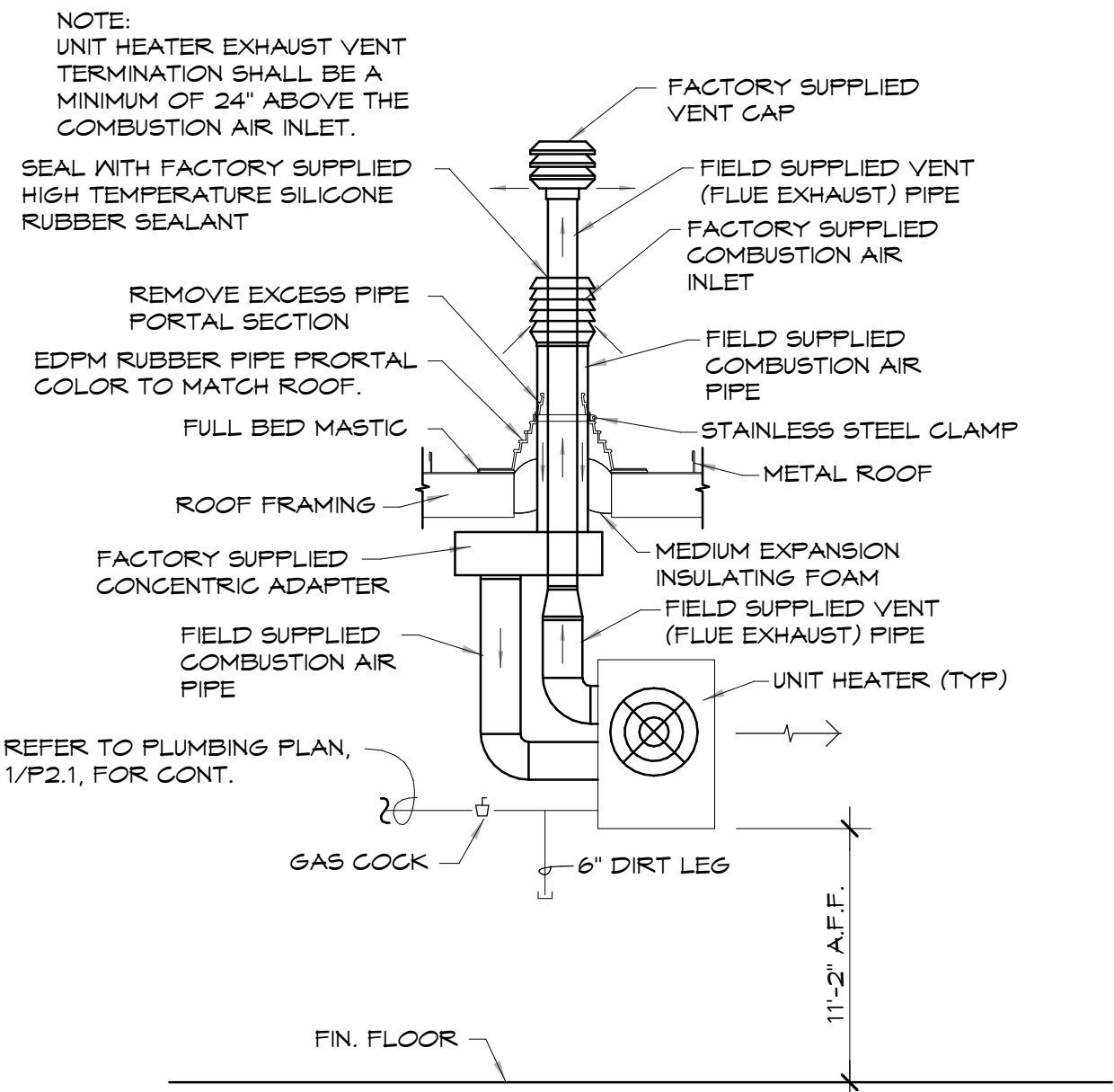


GENERAL CONTRACTOR TO FRAME WALL OPENING WITH 3" X 3" ANGLE AS REQUIRED FOR EXHAUST FAN SUPPORT

NOTE:
TYPICAL FOR EXHAUST FANS EF-1 - EF-3.

1 WALL PROP FAN DETAIL

N.T.S.



NOTE:
UNIT HEATER EXHAUST VENT TERMINATION SHALL BE A MINIMUM OF 24" ABOVE THE COMBUSTION AIR INLET.

SEAL WITH FACTORY SUPPLIED HIGH TEMPERATURE SILICONE RUBBER SEALANT

REMOVE EXCESS PIPE PORTAL SECTION

EDPM RUBBER PIPE PORTAL COLOR TO MATCH ROOF.

FULL BED MASTIC

ROOF FRAMING

FACTORY SUPPLIED CONCENTRIC ADAPTER

FIELD SUPPLIED COMBUSTION AIR PIPE

REFER TO PLUMBING PLAN, 1/P2.1, FOR CONT.

2'-0"

GAS COCK

6" DIRT LEG

FIN. FLOOR

11'-2" A.F.F.

UNIT HEATER (TYP)

FIELD SUPPLIED VENT (FLUE EXHAUST) PIPE

STAINLESS STEEL CLAMP

METAL ROOF

MEDIUM EXPANSION INSULATING FOAM

FACTORY SUPPLIED COMBUSTION AIR INLET

FIELD SUPPLIED VENT (FLUE EXHAUST) PIPE

FACTORY SUPPLIED VENT CAP

SEAL WITH FACTORY SUPPLIED HIGH TEMPERATURE SILICONE RUBBER SEALANT

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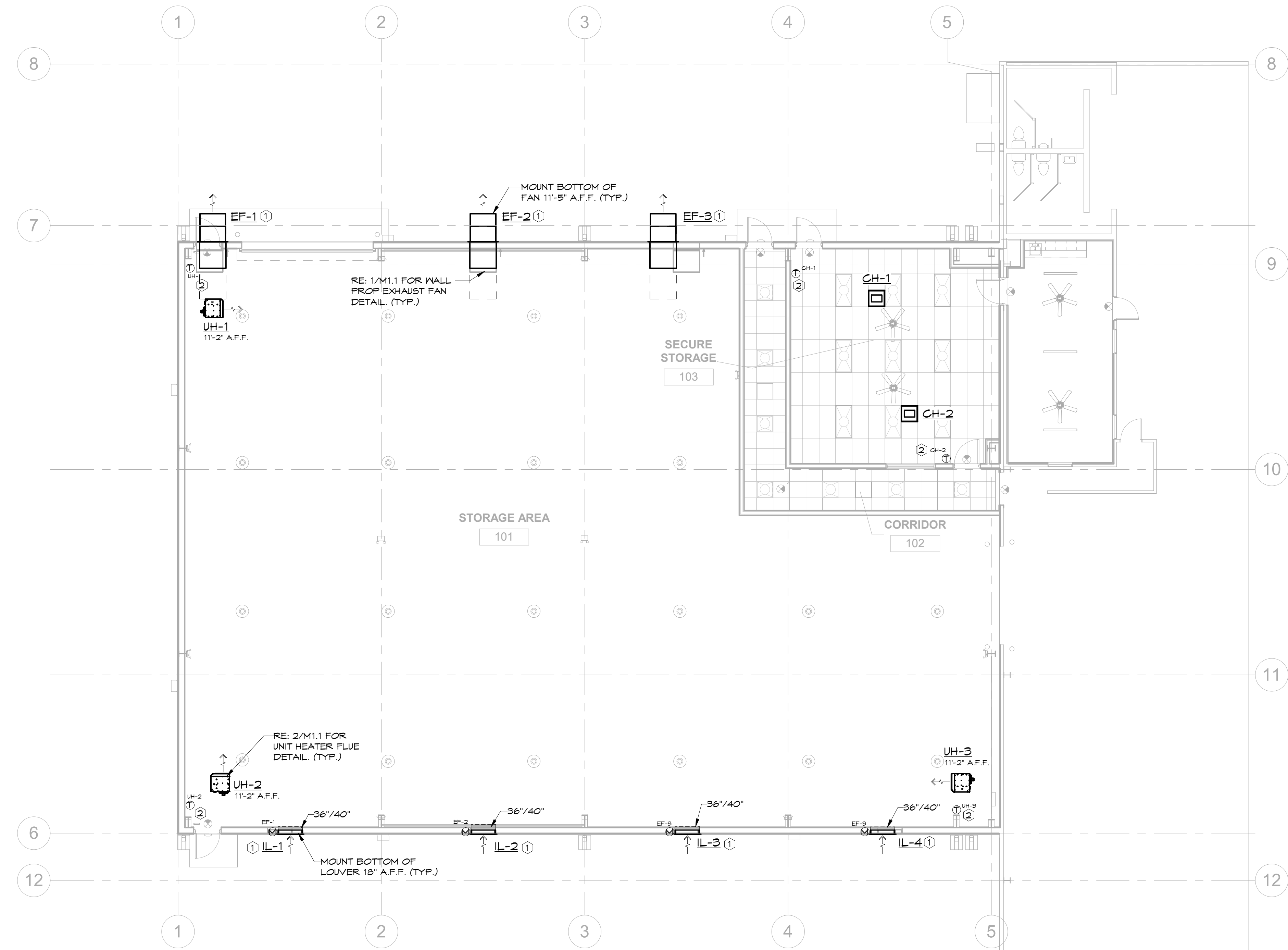
STAINLESS STEEL CLAMP

METAL ROOF

MEDIUM EXPANSION INSULATING FOAM

FACTORY SUPPLIED COMBUSTION AIR INLET

FIELD SUPPLIED VENT (FLUE EXHA



1 HVAC PLAN
1/8" = 1'-0"

NOTES:
REFER TO SHEET M1.1 FOR HVAC LEGEND, DETAILS, SCHEDULES, GENERAL AND KEYED NOTES.
REFER TO SHEET M2.1 FOR HVAC PLANS.
REFER TO SHEET M3.1 FOR HVAC DETAILS.



HSAEngineering

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HSAConsultants.com

HSA JOB #26-060

STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

PROJECT NO.
26027
DATE:
August 26, 2026

HVAC PLANS

M2.1

GENERAL PLUMBING NOTES

1. ALL PLUMBING MATERIALS AND INSTALLATION SHALL COMPLY WITH THE ARKANSAS STATE PLUMBING CODE, LATEST EDITION.
2. INSTALL ALL DOMESTIC HOT AND COLD WATER PIPING AS PER STATE AND LOCAL CODES.
3. INSULATE ABOVE GRADE CONCEALED DOMESTIC HOT AND COLD WATER LINES PER SPECIFICATIONS.
4. COORDINATE UNDER SLAB PIPING WITH COLUMNS AND FOOTINGS.
5. BURY YELLOW #10 THIN COPPER TRACER WIRE IN TRENCH WITH ALL UNDER GROUND PLASTIC SERVICES. LEAVE ENDS EXPOSED FOR FUTURE LOCATION.
6. PROVIDE AND INSTALL 6 IN. DIRT LEG AND GAS STOP (BALL VALVE ONLY) AT ALL EQUIPMENT GAS CONNECTIONS.
7. PROVIDE GAS MAIN BUILDING SHUT OFF VALVE NEAR ENTRY TO THE BUILDING.
8. ALL GAS PIPING SYSTEMS WITHIN A BUILDING AND OTHER ABOVE GROUND GAS PIPING SHALL BE ELECTRICALLY CONTINUOUS AND BONDED TO A GROUNDED ELECTRODE AS DEFINED IN N.F.P.A. 70.
9. VERIFY LOCATION AND SIZE OF EXISTING SITE UTILITIES WITH UTILITY AUTHORITIES PRIOR TO CONSTRUCTION.
10. ALL IMPROVEMENTS (PAVEMENTS, CURB AND GUTTER, SOD, ETC.) SHALL BE REPLACED BY GENERAL CONTRACTOR TO PRECONSTRUCTION CONDITION.
11. WHERE FIRE RATED PARTITIONS OR FLOORS OCCUR, ALL FLOOR TO FLOOR AND ROOM TO ROOM PENETRATIONS SHALL BE PROPERLY FIRE SEALED WITH U.L. LISTED AND CLASSIFIED FIRE CAULK OR FIRE SEALED BY USING AN APPROVED FIRE SEAL SLEEVE METHOD WHICH MEETS U.L. REQUIREMENTS. ALL OTHER PENETRATIONS OF RATED CHASES OR WALLS SHALL BE PROPERLY FIRE SEALED AND WHERE EXTENDING THROUGH SUCH RATED SURFACE SHALL BE A RATED FIRE STOP PENETRATION. ALL FIRE STOPPING, FIRE CAULKING AND FIRE SLEEVEING OR OTHER FIRE SEALING SHALL BE ACCEPTABLE BY THE LOCAL AUTHORITIES AND SHALL BEAR THE U.L. SEAL.
12. VERIFY LOCATION, INVERT AND SIZE OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
13. ALL MECHANICAL INSTALLATIONS SHALL CONFORM TO THE LATEST ACCEPTABLE ARKANSAS STATE MECHANICAL CODE.
14. ALL WATER AND SEWER LINE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF CONWAY STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION AS WELL AS THE ARKANSAS STATE PLUMBING CODE.
15. CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS OF ALL PLUMBING AND PIPING SYSTEMS UPON COMPLETION OF THE PROJECT.
16. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE DRAWINGS, THE BUILDING SITE, AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. IF CONTRACTOR HAS QUESTIONS REGARDING ASSEMBLIES OR LAYOUTS WITH THE PROJECT HE SHALL MAKE THEM KNOWN TO THE ENGINEER IN WRITING PRIOR TO BIDDING THE PROJECT. CLAIMS MADE SUBSEQUENT TO THE BID WILL NOT BE ACCEPTED IF IT IS DETERMINED THAT PROPER FAMILIARIZATION COULD HAVE AVOIDED SUCH CLAIM.
17. MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION PLUMBING SITE UTILITIES WITH SITE WORK OF OTHER TRADES. IN INSTANCES WHERE COORDINATION REQUIRES DEVIATION FROM PLANS MECHANICAL CONTRACTOR SHALL NOTIFY ENGINEER OF PROPOSED CHANGES.
18. COMPLY WITH STATE OF ARKANSAS ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.
19. DO NOT ROUTE GROUPS OF CONDUIT, PIPES, AND SLEEVES ABOVE FOOTINGS UNLESS NOTED TO DO SO. IF CONFLICT OCCURS, CONSULT ARCHITECT/ENGINEER.
20. LIMIT WIDTH OF CONDUIT, PIPES AND SLEEVES NOT TO EXCEED 3 FEET IN WIDTH AS IT PASSES UNDER WALL FOOTING. AS MUCH AS POSSIBLE, ALIGN THE ITEMS PERPENDICULAR TO THE FOOTING AS IT PASSES BELOW FOOTING.
21. PROVIDE A MINIMUM SPACING OF 2 FEET BETWEEN CONDUIT OR PIPE GROUPS AS ITEMS PASS UNDER FOOTINGS.
22. DO NOT ROUTE CONDUITS, PIPE OR SLEEVES UNDER COLUMN FOOTINGS OR PAD FOOTINGS.
23. MECHANICAL CONTRACTOR MUST REVIEW ALL ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES, ROOF, OVERFLOW AND FLOOR DRAINS. IF PLUMBING FIXTURES OR DRAINS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS THEY MUST BE INCLUDED IN THE CONTRACT EVEN IF NOT SHOWN ON THE MECHANICAL DRAWINGS.
24. DO NOT SCALE DIRECTLY FROM THE PLUMBING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL INFORMATION.

PLUMBING LEGEND

	SANITARY WASTE PIPING
	EXISTING SANITARY WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	MEDIUM PRESSURE GAS PIPING (MATCH EXISTING)
	LOW PRESSURE GAS PIPING (11 IN. W.C.)
	EXISTING MEDIUM PRESSURE GAS PIPING
	GAS REGULATOR EQUAL TO EQUIMETER MODEL 243. INLET PRESSURE @ MATCH EXISTING, SET OUTLET PRESSURE @ 11 IN. W.C.
	GAS BALL VALVE
	CONNECTION POINT
	REFER TO KEYED NOTES
	PLUMBING FIXTURE NUMBER (REFER TO PLUMBING FIXTURE SCHEDULE)
	CLEAN OUT TO GRADE

PLUMBING FIXTURE SCHEDULE								
MARK	FIXTURE	MANUFACTURER	MODEL	MOUNT	CONNECTION			REMARKS / ACCESSORIES
					CW	HW	SS	
P-1	EXTRA DEEP STAINLESS STEEL SINK	JUST MFG.	SLXD-2019-A-GR	COUNTER	1/2	1/2	1 1/2	SINGLE COMPARTMENT STAINLESS STEEL SINK (14 x 18 x 12 ID) PROVIDED BY MECHANICAL CONTRACTOR. PROVIDE JUST J-1174-KS GOOSENECK FAUCET WITH WRIST BLADES AND JUST J-35 DRAIN WITH CRUMB CUP STRAINER. PROVIDE WATTS LFMMV THERMOSTATIC MIXING VALVE. SET WATER TEMPERATURE AT 105 DEGREES F.
P-2	CLEAN OUT TO GRADE	WADE	6000Z	TO GRADE	-	-	*	*SIZE TO MATCH WASTE LINE MAXIMUM TO 4 INCHES. PROVIDE HEAVY DUTY TRACTOR TYPE COVER.

- NOTES
1. COORDINATE COUNTER TOP FIXTURE INSTALLATION WITH MILLWORK.

SCM

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STEELE PLASTICS
BUILDING EXPANSION
1280 Sturgis Road
Conway, Arkansas 72034

REVISIONS:

PROJECT NO.
26027
DATE:
August 26, 2026

GENERAL NOTES,
LEGEND &
SCHEDULE

P1.1

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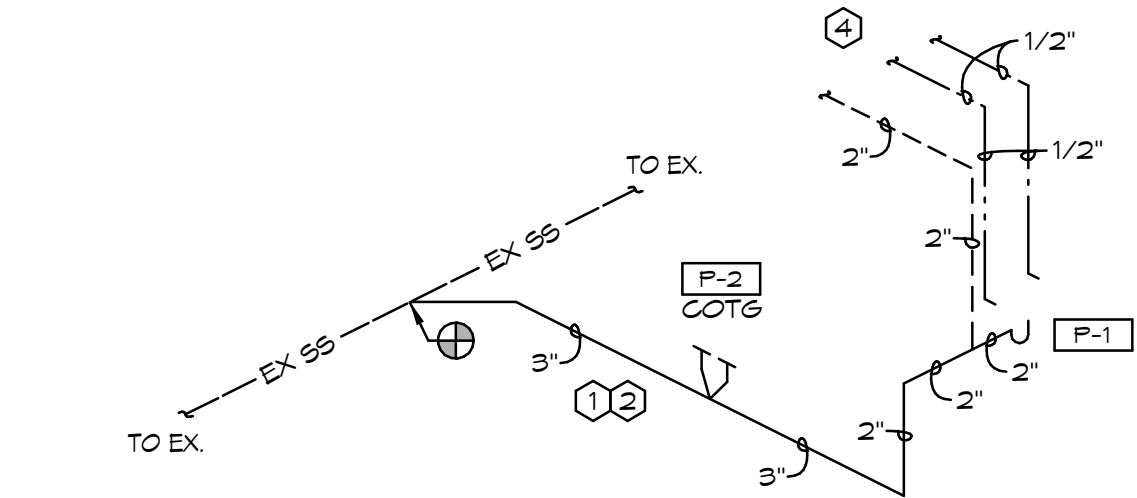
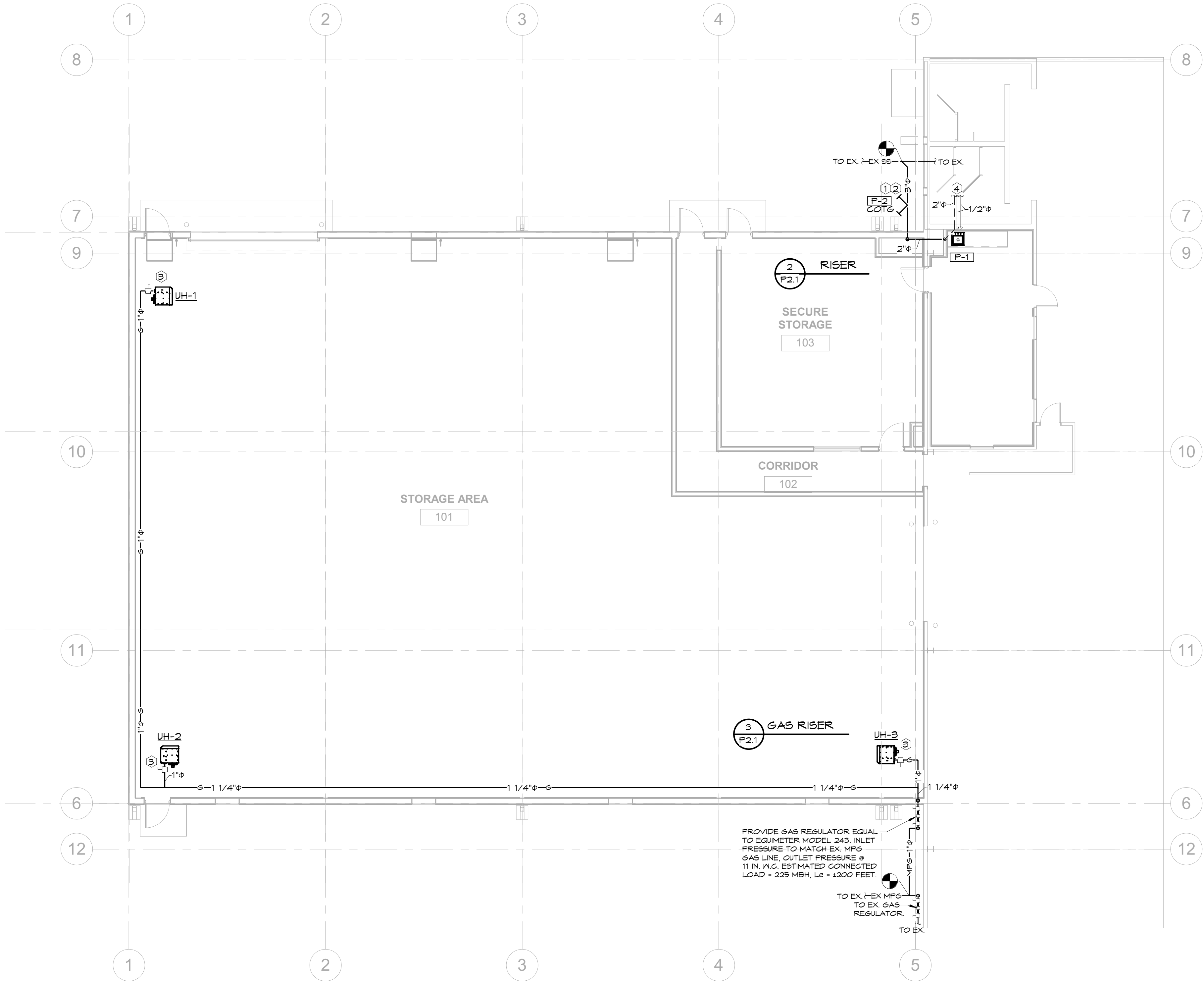
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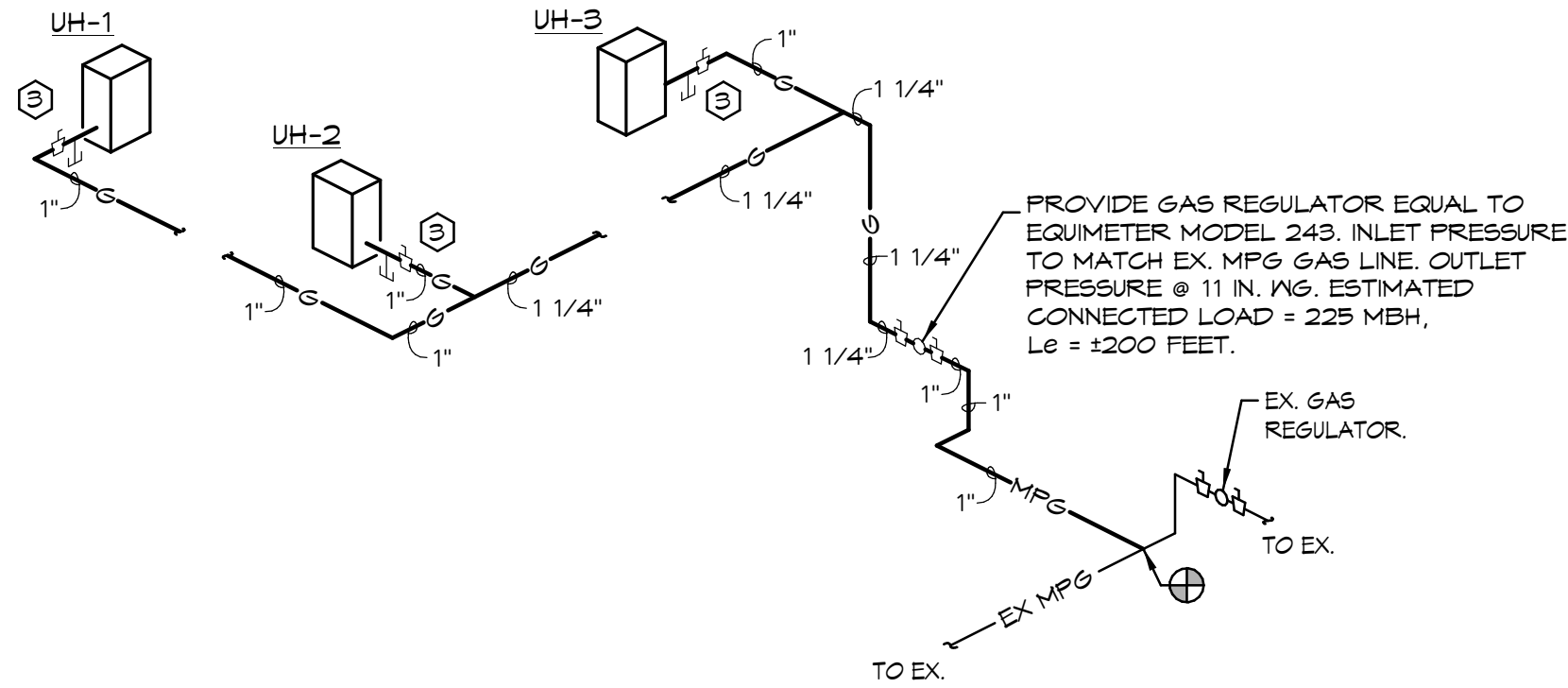


PLUMBING KEYED NOTES

- 1 COORDINATE UNDERSLAB PIPING WITH STRUCTURAL FOOTINGS. REFER TO STRUCTURAL PLANS FOR LOCATIONS AND SIZES OF FOOTINGS.
- 2 IDENTIFY OUTDOOR UNDERGROUND LINES WITH CONTINUOUS STRIP OF PLASTIC UTILITY MARKER. TAPE SHOULD STATE AT REGULAR INTERVALS: "CAUTION (STATE UTILITY) PIPE BELOW". INSTALL TAPE ONE FOOT DIRECTLY ABOVE PIPE BEFORE BACKFILLING TO GRADE.
- 3 PROVIDE AND INSTALL 6 INCH DIRT LEG AND GAS STOP (BALL VALVE ONLY) AT ALL EQUIPMENT GAS CONNECTIONS. REFER TO DETAIL X/P3.1.
- 4 ROUTE 2" VENT, 1/2" COLD AND HOT WATER PIPING TO EXISTING PLUMBING PIPING ABOVE EXISTING BATHROOMS.



2 RISER
NTS



3 GAS RISER
NTS

1 PLUMBING PLAN
1/8" = 1'-0"



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PLUMBING PLAN,
RISERS & KEYED
NOTES

P2.1



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HSA JOB #26-060

F

LEGEND

USB DUPLEX RECEPTACLE TYPE USB20X2

DUPLEX RECEPTACLE (NEMA 5-20R) OR-DOUBLE DUPLEX, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.

220 VOLT RECEPTACLE (NUMBER DENOTES AMPS)

DUPLEX RECEPTACLE GROUND FAULT NEMA 5-20R, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.

DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C, STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. MINIMUM OF TWO DATA CABLES AT EACH LOCATION SHOWN UNLESS OTHERWISE NOTED.

FLUSH MOUNTED JUNCTION BOX, VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

FUSED/NON-FUSED DISCONNECT-FUSE ALL EQUIPMENT PER MANUFACTURER RECOMMENDATION FOR THE ACTUAL EQUIPMENT FURNISHED. FURNISH NEMA-4X IN THE KITCHEN. MOUNT DISCONNECT FOR HVAC CONDENSER UNITS WITH TOP OF SWITCH AT 36" A.F.F.

MOTOR - VERIFY THE SIZE WITH ACTUAL EQUIPMENT FURNISHED. NUMBER REPRESENTS HORSE POWER RATING.

MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE WITH THERMAL OVERLOAD SIZED PER MOTOR LOAD.

SWITCH TYPE 1221 ("3" INDICATES 3-WAY SWITCH, "D" INDICATES DIMMER). COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE.

WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR SWITCH. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.

WALL MOUNTED PASSIVE INFRARED COMBINATION MOTION SENSOR SWITCH AND SINGLE POLE WALLBOX SLIDE DIMMER. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS. LEVITON OSD10 OR EQUAL.

"OS" - CEILING MOUNTED DUAL TECHNOLOGY MOTION SENSOR PROVIDE AND INSTALL THE APPROPRIATE POWER PACK. COORDINATE SWITCHING WITH ACTUAL MOTION SENSOR USED. COORDINATE LOCATION AND NUMBER WITH ACTUAL MOTION SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE OCCUPANCY SENSOR WHICH IS THE CORRECT TYPE FOR THE SPACE. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.

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EXIT LIGHT - ARROW DENOTES INCLUSION OF ARROW ON LENS. CONTRACTOR TO COORDINATE PROPER MOUNTING DETAILS.

PHOTO-ELECTRIC CELL: EQUAL TO INTERMATIC NO. K4136M.

THERMOSTAT, MOUNT. @ 48" A.F.F. TO CENTER OF BOX (NUMBER DENOTES HVAC UNIT).

SENSOR, MOUNT @ 48" TO CENTER IN SEPARATE SINGLE GANG BOX.

DETAIL NUMBER

SHEET NUMBER

LEGEND

USB DUPLEX RECEPTACLE TYPE USB20X2

DUPLEX RECEPTACLE (NEMA 5-20R) OR-DOUBLE DUPLEX, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.

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THERMOSTAT, MOUNT. @ 48" A.F.F. TO CENTER OF BOX (NUMBER DENOTES HVAC UNIT).

SENSOR, MOUNT @ 48" TO CENTER IN SEPARATE SINGLE GANG BOX.

DETAIL NUMBER

SHEET NUMBER

LEGEND(CONT.)

ELECTRICAL PANEL.

BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.

MANUAL PULL STATION MOUNTED MINIMUM OF 42"; MAXIMUM OF 48" A.F.F.

FIRE ALARM MODULE FOR CONTROL; PROVIDE ALL LOW VOLTAGE WIRING.

PHOTOELECTRIC SMOKE DETECTOR, WALL MOUNTED.

HEAT DETECTOR, WALL MOUNTED.

PHOTOELECTRIC SMOKE DETECTOR, CEILING MOUNTED.

HEAT DETECTOR, CEILING MOUNTED.

CEILING FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

WALL MOUNT FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

WALL MOUNT FIRE ALARM HORN/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

CEILING FIRE ALARM HORN/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

OPEN/CLOSE/STOP PUSH BUTTON FOR OVERHEAD DOORS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

OVERHEAD DOOR MOTION SENSOR.

SUBSCRIPTS:

C = COORDINATE LOCATION WITH MILLWORK-MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS.

K = LOCATED IN KNEE SPACE; COORDINATE LOCATION WITH MILLWORK-MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS.

W = WALL MOUNTED @ 48" A.F.F.-OR AS SHOWN.

GF = GROUND FAULT CIRCUIT INTERRUPTER.

WP = WEATHER RESISTANT RECEPTACLES ARE "6FI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.

MW = MICROWAVE OVEN.

GD = GARBAGE DISPOSER.

EM = FIXTURE CONTAINS EMERGENCY BATTERY PACK.

NL = UNSWITCHED EMERGENCY FIXTURE.

H = MOUNT HORIZONTALLY IN MILLWORK.

EC = ELECTRICAL CONTRACTOR.

AFF = ABOVE FINISHED FLOOR.

AFG = ABOVE FINISHED GRADE.

EWG = ELECTRIC WATER COOLER.

EWK = ELECTRIC WATER HEATER.

NTS = NOT TO SCALE.

MOUNTING HEIGHT KEYED NOTE:

①

4'-0" MAXIMUM TO TOP OF DEVICE UNLESS LOCATED ABOVE OBSTRUCTION (OR NOTED OTHERWISE) THEN MAXIMUM 4" ABOVE THE OBSTRUCTION. COORDINATE WITH MILLWORK.

②

MOUNT NEAR RETURN AIR GRILLE.

③

THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE A MINIMUM OF 42" AND A MAXIMUM OF 48" MEASURED VERTICALLY, FROM THE FLOOR LEVEL TO THE ACTIVATING HANDLE OR LEVER OF THE BOX.

④

ABOVE COUNTER MOUNTED DEVICES. INSTALL DEVICES ABOVE BACKSPASH AND COORDINATED WITH MILLWORK. DATA/TELEPHONE DEVICES SHOWN ADJACENT TO ABOVE COUNTER RECEPTACLES TO BE TO BE MOUNTED AT SAME HEIGHT.

NOTE:

1.

ALL DEVICES SHOWN MAY NOT BE USED.

2.

DETAIL INDICATES TYPICAL MOUNTING HEIGHTS ONLY.

3.

DEVICES SHALL BE INSTALLED PLUMB, SQUARE AND TRUE.

4.

ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED U.N.O.

5.

COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT.

GENERAL ELECTRICAL NOTES-ALL SHEETS

THESE NOTES ARE ONLY A SUPPLEMENT TO THE SPECIFICATIONS

1.

THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR A COMPLETE WORKING INSTALLATION.

2.

THIS CONTRACTOR IS TO COMPLY WITH THE STATE ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.

3.

AT ALL MILLWORK LOCATIONS, COORDINATE THE ELECTRICAL INSTALLATION WITH THE ARCHITECTURAL DRAWINGS.

4.

PROVIDE FIRE-RATED CAULKING WHERE CONDUIT OR OTHER ELECTRICAL ITEMS PASS THROUGH FIRE-RATED WALLS, CEILINGS AND FLOORS.

5.

INSTALL ALL CONDUIT STRAIGHT AND PARALLEL WITH THE BUILDING LINES. ALL CONDUIT IS CONCEALED IN PUBLIC PLACES.

6.

THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT AND FEE COSTS AND SHALL INCLUDE THESE COSTS IN THE BID PRICE FOR THIS PROJECT.

7.

THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES. IF A CONFLICT IS FOUND BETWEEN APPLICABLE CODES, THE MORE STRINGENT SHALL APPLY. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL APPLICABLE MUNICIPAL CODES AND ORDINANCES.

8.

THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED THEMSELVES WITH THE DRAWINGS, SPECIFICATION BOOK, THE BUILDING SITE AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD A COMPLETE AND THOROUGH EXAMINATION BEEN MADE.

9.

DO NOT SCALE DIRECTLY FROM THE ELECTRICAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION.

10.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED OR FIELD ERECTED. THIS CONTRACTOR GUARANTEE SHALL EXIST FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP OF ANY KIND.

11.

WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES WILL BE MADE WITH OUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER.

12.

IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES TO INSURE THAT ALL CIRCUITS AND DEVICES ARE OF A PROPER SIZE FOR ACTUAL EQUIPMENT FURNISHED. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICT WHICH CAUSES CHANGES TO ANY SYSTEM AS DESIGNED ON THESE DRAWINGS. FAILURE ON THE PART OF THE CONTRACTOR TO NOTIFY THE ENGINEER OR ARCHITECT OF SUCH CONFLICTS PLACES THE SUBSEQUENT CHANGES UPON THE CONTRACTOR.

13.

THE ELECTRICAL CONTRACTOR IS TO PROVIDE, AT YET TO BE DECIDED LOCATIONS, FIVE (5) CONDUIT STUB-UPS, WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, AND CONDUIT TO ABOVE THE CEILING, FIVE ONE GANG AND FIVE TWO GANG. IN ADDITION, PROVIDE TEN (10) SINGLE GANG STUB-UPS WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, INCLUDING ONE RECEPTACLE OR SWITCH WITH 50 FEET OF CIRCUIT WIRING PER SINGLE GANG STUB-UP. COMBINED TOTAL NUMBER OF STUB-UPS REQUIRED IS FIFTEEN (15).

14.

ALLOW FOR THE ADDITION OF THREE (3) NEW EXIT LIGHTS WITH WIRING TO UNSWITCHED LIGHTING CIRCUIT.

15.

THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING SYSTEMS:

A.

POWER AND LIGHTING

1.

ALL DEVICE PLATES ARE STAINLESS STEEL. COORDINATE COLOR OF DEVICES WITH THE ARCHITECT.

2.

ALL 20A 120V AND 250V NON-LOCKING TYPE RECEPTACLES, UNLESS OTHERWISE NOTED, SHALL BE TAMPER RESISTANT TYPE PER NEC 406.12.

3.

WHERE DEVICES ARE SHOWN NEXT TO EACH OTHER, THEY ARE INTENDED TO BE GANGED. FIELD VERIFY ACTUAL SPACE AVAILABLE AND NOTIFY THE ARCHITECT WHERE THERE ARE SPACE CONFLICTS.

4.

LOW VOLTAGE WIRING IS TO BE ENCASED IN CONDUIT IN AREAS WITH NO CEILING.

5.

RECEPTACLES FOR EQUIPMENT SUCH AS ELECTRIC WATER COOLERS SHALL BE LOCATED IN THE WALL AT A LOCATION WHICH IS CONCEALED BY THE EQUIPMENT CABINET.

6.

ALL EMPTY CONDUITS ARE TO CONTAIN A NYLON PULL STRING. EMPTY CONDUITS 2" AND LARGER ARE TO BE SNABBED OUT AND LEFT WITH A NYLON PULL ROPE FOR THE USE OF THE OWNER.

7.

COVER PLATES FOR EXTERIOR RECEPTACLES ARE TO BE METAL, WEATHER PROOF WHILE IN USE.

8.

ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DRIVER AND LAMP COMBINATIONS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY ON THE DRIVER.

9.

COORDINATE WITH THE GENERAL CONTRACTOR AND THE INSULATION CONTRACTOR TO HOLD THE BATT INSULATION AWAY FROM ALL LAY-IN FIXTURES. CLEARANCE SHOULD BE 3" ON ALL SIDES AND TOTALLY CLEAR ON THE TOP.

10.

ROOM NUMBERS USED IN THE PANEL SCHEDULES ARE TO REFLECT ROOM NUMBERS BY THE OWNER. ARCHITECT WILL PROVIDE CROSS OVER LIST DURING THE PROJECT.

11.

OCCUPANCY SENSORS ARE TO BE LAID OUT BY THE LIGHTING REPRESENTATIVE FURNISHING THE EQUIPMENT HSA WILL PROVIDE AUTO CAD DRAWINGS AS NECESSARY. ELECTRICAL CONTRACTOR RESPONSIBLE FOR LOCATION DETAILS AND MOUNTING. SENSORS SHOWN ARE FOR REFERENCE ONLY.

12.

FURNISH 2-4" CONDUIT SLEEVES THROUGH FIRE WALLS UNLESS OTHERWISE NOTED. SEAL PER RATING OF THE WALL.

13.

WHERE INDIRECT (SUSPENDED) LIGHTING IS USED, THE ELECTRICAL CONTRACTOR SHALL CONTRACT WITH THE CEILING CONTRACTOR TO PROVIDE THE NECESSARY TIES TO THE STRUCTURE ABOVE AT EACH POINT OF ATTACHMENT OF THE FIXTURE HANGERS.

14.

ALL WIRE AND CABLE SHALL BE SOFT DRAWN COPPER WITH INSULATION CONFORMING TO REQUIREMENTS OF THE NEC AND ALL RELEVANT ASTM SPECIFICATIONS.

15.

ALL WIRE NO. 8 AND LARGER SHALL BE STRANDED. WHERE NO. 12 OR 10 STRANDED IS USED, TERMINATE WITH INSULATED COMPRESSION LUG OF THE PROPER SIZE. ALL WIRE SHALL HAVE 600 VOLT TYPE THIN INSULATION, UNLESS SPECIFIED OTHERWISE ON THE PLANS.

16.

WIRE SIZES:

WIRE SIZE 120V

A.

#12 LESS THAN 75 FEET

B.

#10 BETWEEN 75-150 FEET

C.

#8 BETWEEN 150-250 FEET

D.

#6 BETWEEN 250-375 FEET

GENERAL ELECTRICAL NOTES

(CONTINUED.)

B.

FIRE ALARM:

1.

ALL FIRE ALARM OUTLET BOXES ARE TO BE PAINTED RED.

2.

THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING BREAKER LOCK FOR LOCKING FIRE ALARM PANEL BREAKER IN THE "ON" POSITION.

3.

THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING A PLAN BOX NEXT TO THE FIRE ALARM CONTROL PANEL. COORDINATE EXACT SIZE AND LOCATION OF BOX WITH THE CITY FIRE MARSHAL PRIOR TO INSTALLATION. IT SHOULD BE LARGE ENOUGH FOR A SET OF SPRINKLER PLANS ALSO.

4.

INSTALL FIRE ALARM SYSTEM PER N.F.P.A. AND ALL STATE AND LOCAL ORDINANCES.

5.

THE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE FLOW AND TAMPER SWITCHES, WHILE THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR THE WIRING AND MODULES NECESSARY TO TIE THEM TO THE FIRE ALARM SYSTEM. VERIFY COUNT WITH THE SPRINKLER CONTRACTOR.

6.

FURNISHING ALL DEVICES AND SYSTEMS NECESSARY FOR A COMPLETE ACCEPTABLE SYSTEM. NO EXTRA CHARGES WILL BE ALLOWED, OUTSIDE OF THE CONTRACT PRICE. THE FIRE ALARM CONTRACTOR IS TO SUBMIT PLANS TO THE FIRE MARSHAL FOR FINAL APPROVAL PRIOR TO BEGINNING CONSTRUCTION.

7.

DUCT DETECTORS ARE SUPPLIED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. IT IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR TO FURNISH ALL WIRING NECESSARY TO CONNECT THESE DEVICES TO THE FIRE ALARM SYSTEM. PROVIDE WITH REMOTE INDICATOR OR SEPARATELY ZONED. COORDINATE QUANTITY AND LOCATION WITH THE MECHANICAL DRAWINGS.

C.

CONDUIT AND CABLE SYSTEM FOR LOW VOLTAGE DATA WIRING.

1.

CONDUIT FOR LOW VOLTAGE DATA SYSTEM, TO INCLUDE SLEEVES IN FIRE WALLS.

2.

CABLE IS NOT TO BE INSTALLED EXPOSED. VERIFY WITH MECHANICAL PLANS FOR PLENUM SPACES CABLE IN THESE AREAS IS PLENUM RATED.

3.

IF REQUIRED, ELECTRICAL CONTRACTOR IS TO PROVIDE, INSTALL AND TERMINATE ALL LOW VOLTAGE DATA WIRING.

4.

PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR UNUSED DATA OUTLETS.

D.

UNDERGROUND CONDUITS AND SLEEVES AS NECESSARY FOR DISTRIBUTION:

1.

DO NOT ROUTE GROUPS OF CONDUITS OR SLEEVES ABOVE FOOTINGS UNLESS NOTED TO DO SO. IF CONFLICT OCCURS, CONSULT ARCHITECT AND ENGINEER.

2.

DO NOT ROUTE CONDUIT OR SLEEVES BELOW BEARING WALLS WHEN RUNNING PARALLEL WITH WALLS.

3.

LIMIT WIDTH OF CONDUIT AND SLEEVES NOT TO EXCEED 3'-0" IN WIDTH AS IT PASSES UNDER WALL FOOTING. ALIGN ITEMS PERPENDICULAR TO THE FOOTINGS AS IT PASSES BELOW THE FOOTING.

4.

PROVIDE A MINIMUM SPACING OF 2'-0" BETWEEN CONDUIT GROUPS AS THEY PASS UNDER FOOTINGS.

5.

DO NOT ROUTE CONDUITS OR SLEEVES UNDER COLUMN FOOTINGS OR PAD FOOTINGS.

E.

GROUNDING SYSTEM

1.

ALL CONDUITS ARE TO CONTAIN A GREEN GROUNDING CONDUCTOR, SIZED PER THE N.E.C.

2.

GROUND BUILDING STEEL AS INDICATED ON DRAWINGS.

F.

EQUIPMENT REQUIREMENTS:

1.

VERIFY EXACT FUSE SIZE AND EQUIPMENT REQUIREMENTS WITH THE ACTUAL EQUIPMENT FURNISHED BY THE OTHER CONTRACTORS.

2.

FINAL EQUIPMENT CONNECTIONS: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS REQUIRED TO MAKE FINAL ELECTRICAL CONNECTIONS TO ALL EQUIPMENT FURNISHED ON THIS PROJECT. VERIFY ALL REQUIREMENTS, CONDUCTOR SIZES, OVERCURRENT PROTECTION, PHASES, VOLTAGES, MOTOR ROTATION, ETC., WITH THE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. PROVIDE FUSED DISCONNECT IF REQUIRED BY MANUFACTURER.

3.

THE ELECTRICAL CONTRACTOR IS TO PROVIDE ALL CONTACTORS, MAGNETIC STARTERS, AND MISCELLANEOUS WIRING NECESSARY TO CONTROL EXHAUST FANS AND OTHER AUTOMATICALLY OPERATED EQUIPMENT. THE CONTROLS CONTRACTOR IS TO FURNISH ONE RELAY PER ITEM AS COMPATIBLE WITH THEIR CONTROL SYSTEM.

G.

HVAC CONTROL:

1.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT FROM EACH HVAC UNIT TO ITS RESPECTIVE THERMOSTAT, HUMIDISTAT, AND/OR SENSOR, AS REQUIRED. COORDINATE EXACT LOCATIONS WITH MECHANICAL CONTRACTOR AND ARCHITECT PRIOR TO ROUGH-IN.

2.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING NECESSARY FOR LINE VOLTAGE CONTROL SYSTEMS.

3.

ALL LOW VOLTAGE CONTROL WIRING SHALL BE ENCLOSED IN CONDUIT IN SPACES WITH NO CEILING

4.

COORDINATE ALL HVAC WIRING WITH THE MECHANICAL DRAWINGS AND THE MECHANICAL CONTRACTOR.

5.

THE ELECTRICAL CONTRACTOR IS TO PROVIDE A MAGNETIC STARTER FOR EACH EXHAUST FAN.

6.

THE ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL ALL LINE VOLTAGE THERMOSTATS.

SCM

ARCHITECTS

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08/26/2026

STEELE PLASTICS

BUILDING EXPANSION

1280 Sturgis Road

Conway, Arkansas 72034

REVISIONS:

PROJECT NO.

26027

DATE:

August 26, 2026

ELECTRICAL

LEGEND, NOTES & DETAILS

E1.1

SCM ARCHITECTS P.L.L.C.

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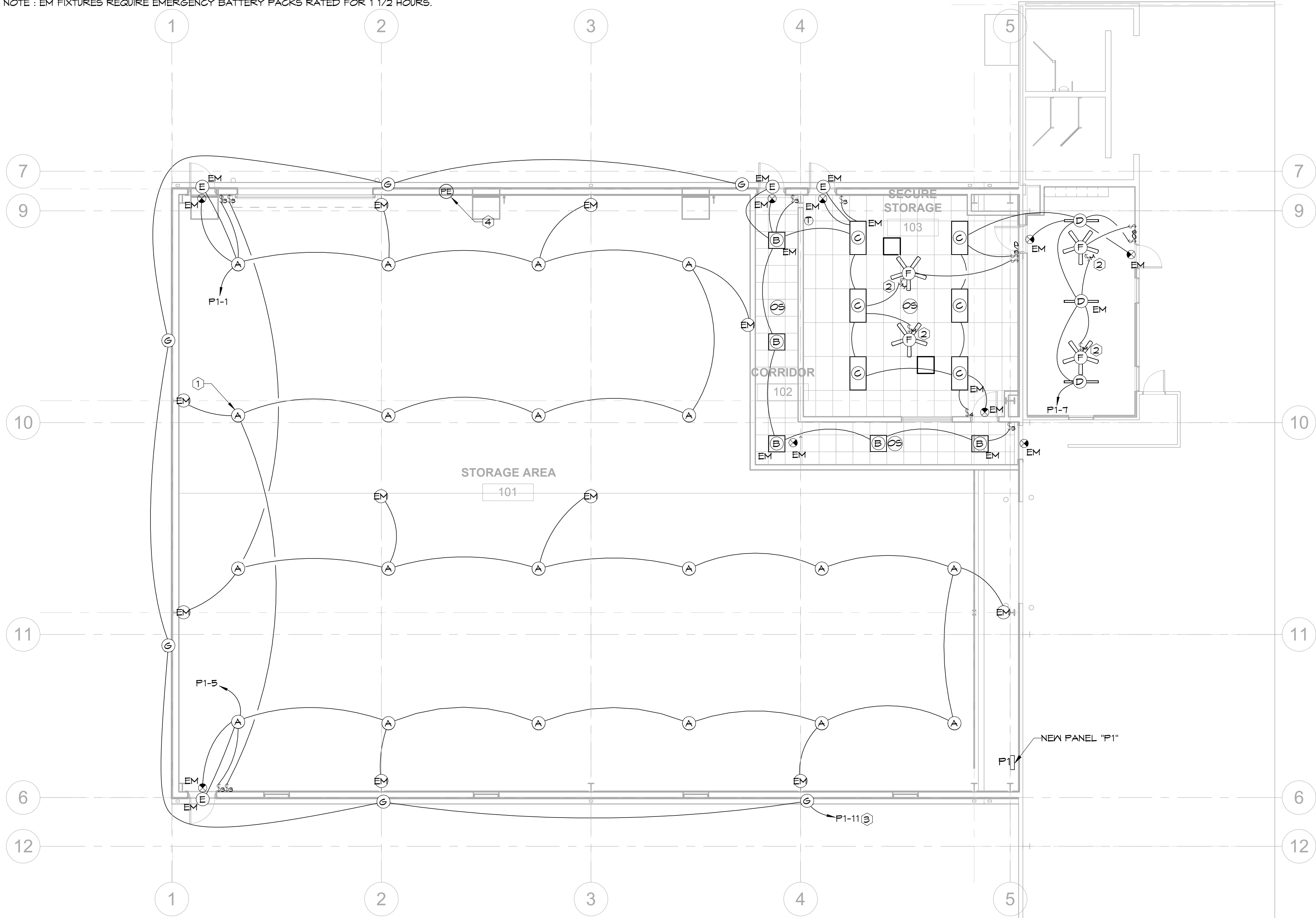
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LIGHTING FIXTURE SCHEDULE												
MARK	VOLT	WATTS	LAMP		MOUNTING				MANUFACTURER	CATALOG NO.	REMARKS	
			CCT	TYPE	BRKT	PEND	REC	SURF				
A	120	100 VA	4000K	LED		X			CURRENT	GRN2-1-LSGS-ED-MV-50-CTBS	12" ROUND HIGH BAY PENDANT. MOUNTED 3' FROM STRUCTURE. LOW WATTAGE SETTING (16000 LUMENS). 100 DEGREE BEAM. 4000K.	
B	120	21 VA	4000K	LED			X		CURRENT	LBP22BFSDF34	2' X 2' RECESSED FLAT PANEL. MEDIUM LUMEN SETTING (3600 LUMENS). 4000K.	
C	120	35 VA	4000K	LED			X		CURRENT	LBP24BFSDF34	2' X 4' RECESSED FLAT PANEL. MEDIUM LUMEN SETTING (4800 LUMENS). 4000K.	
D	120	33 VA	4000K	LED				X	CURRENT	CSL4-B-LSGS	4' SURFACE MOUNTED LED STRIP LIGHT. LOW LUMEN SETTING (4400 LUMENS). 4000K.	
E	120	12 VA	5000K	LED				X	LSI	CSL-CTBS-CT	NORMALLY OFF EMERGENCY EGRESS LIGHT. COLD TEMP OPERATION BATTERY.	
EM	120	5 VA		LED				X	COMPASS	CU2HLHOSD	HIGH LUMEN LED EMERGENCY LIGHT. HIGH OUTPUT. SELF DIAGNOSTICS. WALL MOUNT AT 1.5' AFF. CEILING MOUNT TO STRUCTURE.	
EXIT	120	5 VA		LED				X	COMPASS	CERSD	EXIT SIGN - SEE PLANS FOR NUMBER OF SIDES AND CHEVRONS. RED LETTERS. SELF DIAGNOSTICS. FOR USE IN STORAGE.	
F	120								PROVIDED BY EC	PROVIDED BY EC	CEILING FAN PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE MOUNTING WITH OWNER PRIOR TO ROUGH-IN. EC TO HAVE \$300 ALLOWANCE PER FAN.	
G	120	38 VA	5000K	LED				X	LSI	TLAP LED-5L-UNV-DIM-50-BLK	WALL PACK. 5000 LUMENS. 5000K. MOUNT AT 14' AFF. UNLESS OTHERWISE REQUESTED BY OWNER OR ARCHITECT.	

NOTE : HOLD ALL INSULATION OFF RECESSED FIXTURES AT A MINIMUM OF 3" TO THE SIDE.
NOTE : EXIT LIGHTS AND EMERGENCY LIGHTS REQUIRES UNSWITCHED HOT WIRE PER MANUFACTURER RECOMMENDATION.
NOTE : FIXTURES MARKED AS "CTBS" REQUIRE STANDARD FINISH SELECTED BY THE ARCHITECT.
NOTE : FOR ALL FIXTURES WITH 0-10V DIMMING, PROVIDE LOW VOLTAGE CABLE.
NOTE : FIXTURES MARKED NL REQUIRE UNSWITCHED HOT WIRE.
NOTE : ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL LED AND DRIVER COMBINATIONS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY ON THE FIXTURE.
NOTE : EM FIXTURES REQUIRE EMERGENCY BATTERY PACKS RATED FOR 1 1/2 HOURS.



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

KEYED LIGHTING NOTES

- PENDANT LIGHTS IN STORAGE AREA SHALL BE MOUNTED 2' FROM STRUCTURE. TYPICAL.
- CEILING FAN TO BE PROVIDED AND INSTALLED BY EC. COORDINATE MOUNTING WITH OWNER PRIOR TO ROUGH-IN. EXTEND LIGHTING CIRCUIT TO CEILING FAN. PROVIDE MOTOR RATED SWITCH FOR FAN DISCONNECT. CEILING FAN TO BE CONTROLLED BY SEPARATE WALL SWITCH FROM LIGHTS. EC TO CARRY \$300 ALLOWANCE PER CEILING FAN.
- CIRCUIT TO BE CONTROLLED BY LIGHTING PHOTOCELL. ON AT DUSK/OFF AT DAWN.
- MOUNT LIGHTING PHOTOCELL AS HIGH AS POSSIBLE, FACING NORTH. AVOID ANY ARTIFICIAL LIGHT SOURCES.



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LIGHTING PLAN

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GENERAL POWER NOTES

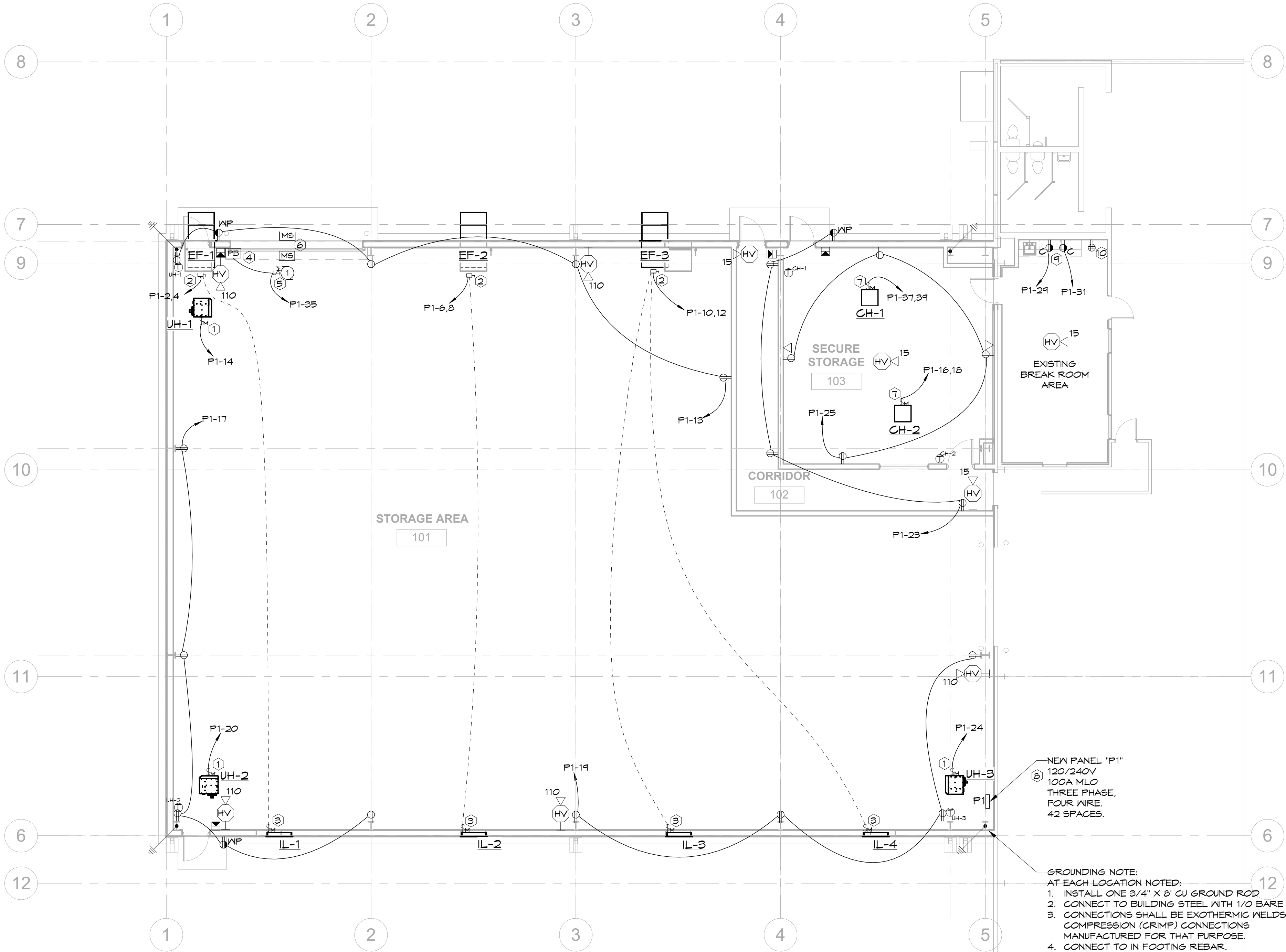
- 1. ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION OF RECEPTACLES IN FLAT OF METAL LINER PANEL.
- 2. CONTRACTOR TO COORDINATE WITH OWNER ON LOCATION OF EXISTING FIRE ALARM PANEL.

KEYED POWER NOTES

- 1 PROVIDE 120V/1P/20A MANUAL TOGGLE DISCONNECT SWITCH.
- 2 PROVIDE 240V/2P/30A NON-FUSED DISCONNECT.
- 3 PROVIDE MOTOR RATED SWITCH FOR LOUVER DISCONNECT. INTERLOCK EXHAUST FAN WITH LOUVER. THE EXHAUST FAN SHALL NOT OPERATE UNTIL THE LOUVER IS FULLY OPEN. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 4 PROVIDE OPEN/CLOSE/STOP BUTTON FOR CONTROL.
- 5 OVERHEAD DOOR MOTOR. INSTALL DOOR SENSORS COMPATIBLE WITH UNIT. VERIFY EXACT ELECTRICAL REQUIREMENTS FOR EQUIPMENT INSTALLED.
- 6 VERIFY EXACT REQUIREMENTS FOR MOTION SENSOR FOR OVERHEAD DOOR PRIOR TO ROUGH-IN. PROVIDE ALL CONDUIT, BOXES, AND WIRE. PROVIDE POWER OFF PUSH BUTTON AT 48" AFF TO OVERRIDE MOTION DETECTION.
- 7 PROVIDE 240V/2P/20A MANUAL TOGGLE DISCONNECT SWITCH FOR ELECTRIC HEATER.
- 8 ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING NEW PANEL "P1". OWNER WILL PROVIDE POWER TO PANEL FROM EXISTING BUILDING ELECTRICAL SYSTEM.
- 9 COORDINATE RECEPTACLE INSTALLATION WITH NEW MILLWORK.
- 10 RELOCATE EXISTING ELECTRICAL RECEPTACLES ON WALL TO NEW LOCATION SHOWN.



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

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POWER PLAN

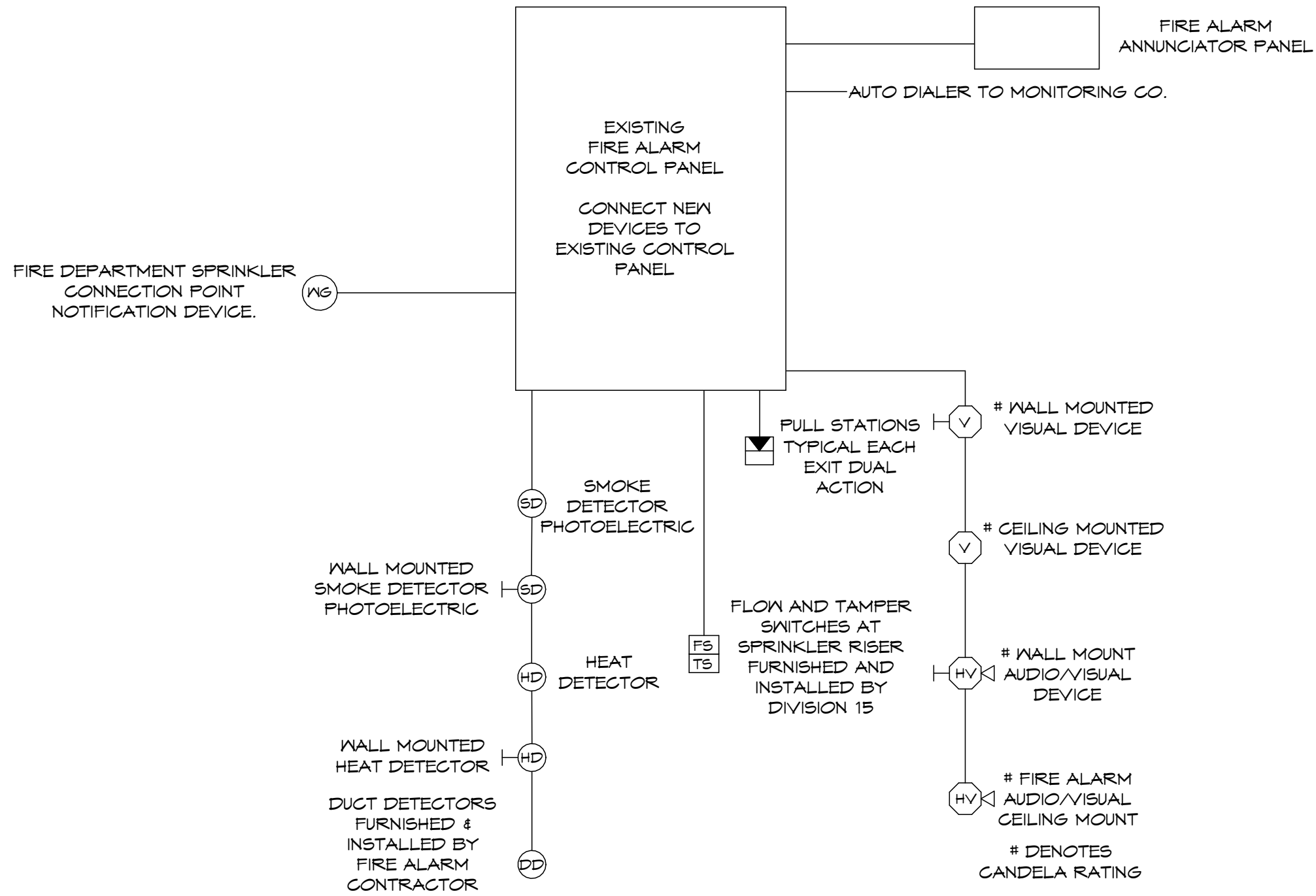
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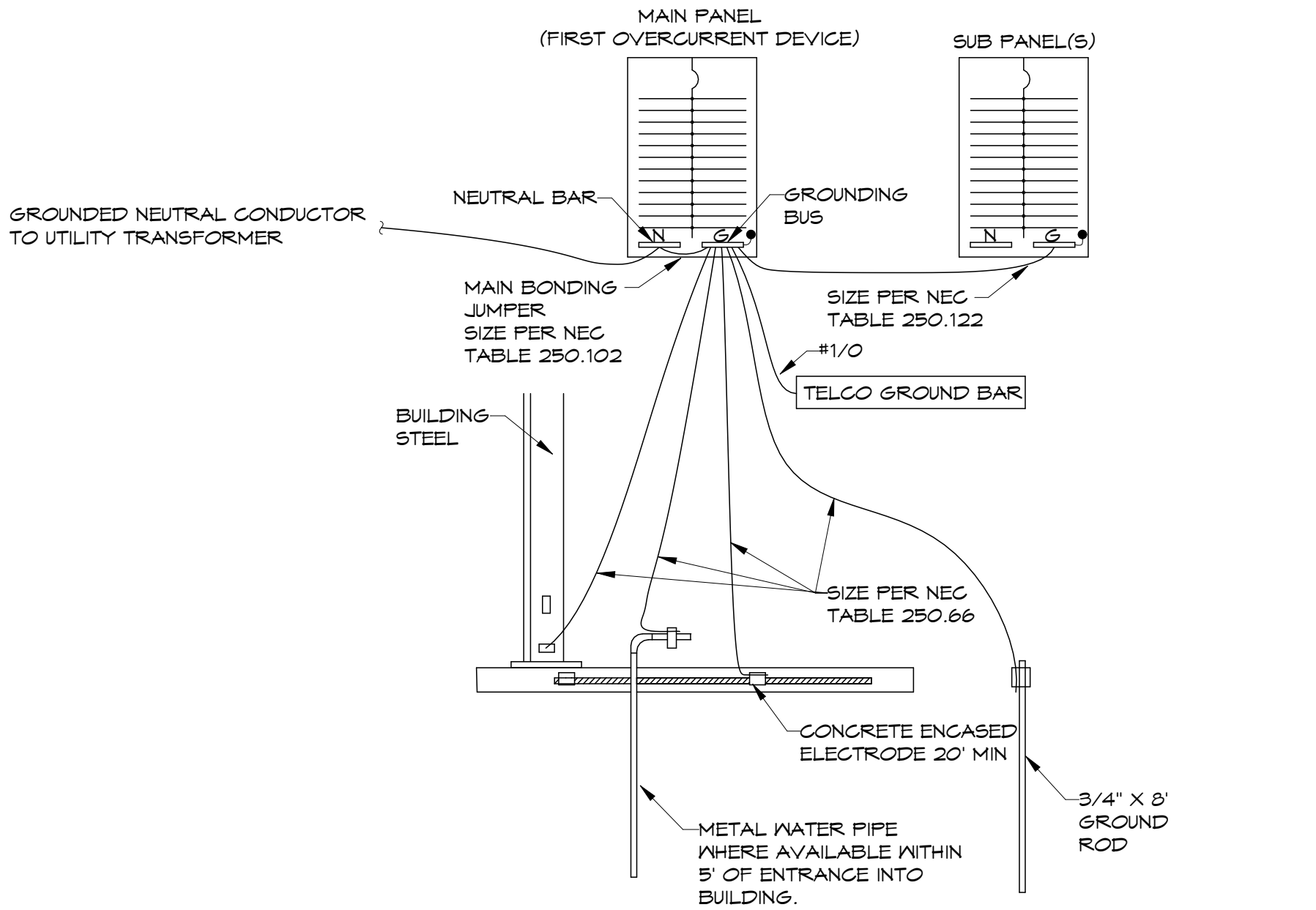
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- NOTE:
- COORDINATE WITH THE MECHANICAL DRAWINGS.
 - COORDINATE WITH THE LOCAL "A.H.J." PRIOR TO BIDDING THIS PROJECT.
 - FIRE ALARM CONTRACTOR TO MODIFY AS NECESSARY FOR SYSTEM PROVIDED.



- ALL GROUNDING BUS TO BE SOLIDLY CONNECTED TO ENCLOSURE.
- USE EXOTHERMIC WELDS FOR CONNECTION TO BUILDING STEEL AND REBAR.
- PROVIDE SYSTEM BONDING JUMPER IN TRANSFORMERS SIZED PER NEC TABLE 250.102.
- FURNISH TELCO GROUND BAR, COPPER, 4\"/>

1 FIRE ALARM SYSTEM RISER DIAGRAM

N.T.S.

2 GROUNDING DIAGRAM

N.T.S.

PANEL SCHEDULE																								
Panel Name: P1								Manufacturer: SQUARE D								Fault Rating: 10KAIC								
Amp Rating: 100 A								Panel Type: NG								Fed From:								
Mains: MLO								Mounting: Surface								Location: STORAGE AREA 101								
MCB Rating: 100 A								Remarks: CU BUS, B PHASE																
Volts/Phase/Wire 120/240V / 3 / 4								HIGH LEG																
Circuit Description	COND . SIZE	WIRE SIZE	GRD. SIZE	# OF Wires	Poles	TRIP	CKT	A		HIGH LEG B HIGH LEG		C		CKT	TRIP	Poles	# OF Wires	GRD. SIZE	WIRE SIZE	COND . SIZE	Circuit Description			
L: STORAGE	3/4	12	12	3	1	20	1	836	1440					2	25	2	4	10	10	3/4	EF-1			
(SPACE) HIGH LEG					1	--	3			---	1440			4	--	--	--	--	--	--	--			
L: STORAGE	3/4	12	12	3	1	20	5					1246	1440	6	25	2	4	10	10	3/4	EF-2			
L: TRAINING, BREAK ROOM	3/4	12	12	3	1	20	7	727	1440					8	--	--	--	--	--	--	--			
(SPACE) HIGH LEG					1	--	9			---	1440			10	25	2	4	10	10	3/4	EF-3			
*L: EXTERIOR	3/4	12	12	3	1	20	11					228	1440	12	--	--	--	--	--	--	--			
R: STORAGE	3/4	12	12	3	1	20	13	900	444					14	15	1	3	12	12	3/4	UH-1			
(SPACE) HIGH LEG					1	--	15			---	1500			16	20	2	4	12	12	3/4	CH-2			
R: STORAGE	3/4	12	12	3	1	20	17					900	1500	18	--	--	--	--	--	--	--			
R: STORAGE	3/4	12	12	3	1	20	19	720	444					20	15	1	3	12	12	3/4	UH-2			
(SPACE) HIGH LEG					1	--	21			---	---			22	--	1					(SPACE) HIGH LEG			
R: CORRIDOR, EXTERIOR	3/4	12	12	3	1	20	23					720	444	24	15	1	3	12	12	3/4	UH-3			
R: TRAINING AREA	3/4	12	12	3	1	20	25	720	0					26	20	1					SPARE			
(SPACE) HIGH LEG					1	--	27			---	---			28	--	1					(SPACE) HIGH LEG			
R: BREAK ROOM	3/4	12	12	3	1	20	29					180	0	30	20	1					SPARE			
R: BREAK ROOM	3/4	12	12	3	1	20	31	180	0					32	20	1					SPARE			
(SPACE) HIGH LEG					1	--	33			---	---			34	--	1					(SPACE) HIGH LEG			
OVERHEAD DOOR	3/4	12	12	3	1	20	35					1900	0	36	20	1					SPARE			
GH-1	3/4	12	12	4	2	20	37	1500	0					38	20	1					SPARE			
--	--	--	--	--	--	--	39			1500	---			40	--	1					(SPACE) HIGH LEG			
SPARE					1	20	41					0	0	42	20	1					SPARE			
Total Load:								9315 VA		5880 VA		9926 VA												
Total Amps:								82 A		49 A		87 A												
Load Classification					Connected Load					Demand Factor					Estimated Demand					Panel Totals				
Lighting					2724 VA					125.00%					3405 VA									
Receptacle					4320 VA					100.00%					4320 VA					Total Conn. Load: 25121 VA				
HVAC					15912 VA					100.00%					15912 VA					Total Est. Demand: 25778 VA				
Motor					0 VA					0.00%					0 VA					Total Conn. Current: 73 A				
Other					2140 VA					100.00%					2140 VA					Total Est. Demand Current: 72 A				
Kitchen					0 VA					0.00%					0 VA									
Notes:																								
* CIRCUIT CONTROLLED BY LIGHTING PHOTOCCELL. ON AT DUSK/OFF AT DAWN.																								

!

WARNING

MAXIMUM AVAILABLE FAULT CURRENT:
X,XXX
(SYMMETRICAL RMS AMPERES)
DATE: XX/XX/XX

!

WARNING

NOMINAL SYSTEM VOLTAGE:
120/240V
MAXIMUM AVAILABLE FAULT CURRENT:
X,XXX
(SYMMETRICAL RMS AMPERES)
OVERCURRENT PROTECTIVE DEVICE
CLEARING TIME:
XX SECONDS
DATE: XX/XX/XX

- NOTES:
- LABEL SHALL BE ATTACHED TO ELETRICAL SERVICE EQUIPMENT PER NEC 110.24.
 - PROVIDE DURABLE WEATHERPROOF LABEL.
 - LABEL IS SHOWN TO SCALE.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE AVAILABLE FAULT CURRENT WITH UTILITY AND COMPLETE LABEL ACCORDINGLY

3 FAULT CURRENT LABEL

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