

**ADDENDUM 2**

Addendum #	2	Date Issued	January 27, 2026
Project Name Job #	White Earth Withdrawal Management Facility		20237410
Bid Date Time	Tuesday, February 3, 2026		3:00 pm

THIS ADDENDUM AMENDS AND BECOMES PART OF THE CONTRACT DOCUMENTS FOR EAPC PROJECT 20245580 DATED 12/5/2025, RESPECTIVELY. EACH BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY MARKING THE ADDENDUM NUMBER AND DATE ON THE BID FORM.

GENERAL

Non vented soffits to be used throughout roof.

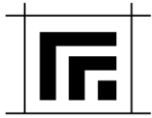
Existing roof sheathing to be inspected during demolition and replaced if necessary.

Demo Section 2/A101 applies to entire existing roof and attic structure.

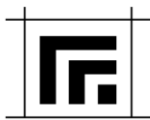
Base bid all horizontal siding. Add Alternate No. 3 to include horizontal and vertical siding, window and door trim, and other trim as indicated on sheet A402.

SPECS**DRAWINGS**

S001	Structural General Notes. Add Specification section "Structural Steel."
S002	Structural Loads & Material Note Tables. Add section to Design Criteria & Loads "Structural Steel"
S021	Modifications to First Floor Slab Plan.
S202	Modifications to Roof Framing Plan & Wood Header Schedule.
S601	Add detail 9/A601.
S701	Add details 9/S701 and 11/A701.

**ADDENDUM #2** *continued*

A021	ADD roof type "R2 – Alternate #04". Add ceiling type "C1". Remove top of wall detail callouts at wall types B and D. Modify D5 note on sound batt insulation.
A101	Modify & add demo keynotes. Add general notes 24 & 25. Show concrete floor demo, see tag AD 21.
A201	Modify & add floor plan keynotes. Add existing windows in existing toilet rooms. See attached A201.
A221	Modify note at 1/A221 to read underlayment at entire assembly. Modify note at 2/A221 to remove "AT ADD ALTERNATE ONLY"
A301	Remove ceiling access panel at room 117. Modify ceiling at room 134 to 8'-0" framed GWB ceiling.
A401	Modify Ext. Elevations to show all horizontal metal siding at base bid.
A421	Modify note to reference A021. Modify to show added dropped ceiling locations.
A441	Add note for foundation drain membrane at details 2/A441 and 3/A441. Modify soffit note 1/A441 to specify non vented soffits, typ.
A701	Modify ceiling heights at 21/A701 22/A701 and 23/A701. Add keynote for ceramic tile at nurse desk.
A901	Add note AI 46. Modifications to keynotes. See attached A901.
M101	Added demolition notes
M301	Added mini split air conditioner, added balancing damper note, added furnace refrigerant detector.
M801	Added refrigerant detector note to furnace schedule, added mini split air conditioner schedule, changed CFM on louver schedule
E050	REVISED Access Control specification to allow a Keri system only. REVISED Fire Alarm specification to allow a Summit Fire system only. REVISED Low Voltage specification.
E101	REVISED Keynote 4.



ADDENDUM #2 *continued*

	REVISED Meter connection on drawing.
E102	REVISED Keynote 2.
	REVISED Meter demolition on drawing to show both meters being demolished.
E201	ADDED ACCU-5 to exterior of building.
	ADDED AC-5 to Ex. Elec Room 109.
E401	ADDED General Note F.
	ADDED Keynote 1 to Room 109.
	DELETED Keynote 3.
E801	REVISED Meter demolition on Existing One-line Diagram.
	ADDED Disconnect to Revised One-line Diagram.
E802	ADDED ACCU-5 and AC-5 to Motor Riser and Motor and Equipment Schedule and circuited to Panel P1.
E803	REVISED Wattage of fixtures AA and F.
	REVISED Catalog Name of fixture C3.
	REVISED Lumens of fixtures C3, F, and V.
	REVISED Description of fixture F to include chain suspension.

PRIOR APPROVALS

Section 09 5426:

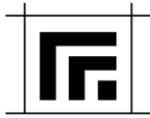
Section 22 1006 Cleanouts, Floor Drains: Watts Drainage is approved

Section 22 3000 Water Heaters: State Industries is approved

Section 22 4000 Carriers: Watts Drainage is approved

Mixing Valves: Powers Controls is approved

Section 23 6213 Condensing Units: Daiken is approved



ADDENDUM #2 *continued*

Section 23 3700 Dampers: Ruskin is approved

Section 23 3300 Fans: Cook is approved

Section 26 0000 Lighting

Fixture Type	Manufacturer
AA	Lumark Axcent, Stonco LPW7
C, C1, C2	Liton CR612, Lightolier M6R
C3	Liton CH6, Lightolier M6R
C4	ArcMED FLD6C, Alkco ASDF-6-R-ASDE-6
E1, E2	Sure-Lites LPX, Chloride VERWEM
EM	Sure-Lites All-Pro, Chloride VERWEM
F	Metalux SLSTP, Daybrite FSS-4
V	AFX Axel, Brownlee Flow

ATTACHMENTS

Specifications

Drawings

S001	STRUCTURAL GENERAL NOTES
S002	STRUCTURAL LOADS & MATERIAL NOTE TABLES
S021	FIRST FLOOR SLAB PLAN
S202	ROOF FRAMING PLAN
S601	FOUNDATION DETAILS
S701	FRAMING DETAILS
A021	WALL, FLOOR AND ROOF TYPES
A101	FIRST FLOOR PLAN – DEMOLITION
A201	FIRST FLOOR PLAN – REMODELD
A301	FIRST FLOOR REFLECTED CEILING PLAN
A401	BUILDING ELEVATIONS
A421	BUILDING SECTIONS
A441	WALL SECTIONS

**ADDENDUM #2** *continued*

A701	INTERIOR ELEVATIONS
A901	FIRST FLOOR INTERIORS PLAN, SCHEDULES
M101	FIRST FLOOR MECHANICAL DEMOLITION PLAN
M301	FIRST FLOOR VENTILATION PLAN
M801	MECHANICAL SCHEDULES
E050	SPECIFICATIONS
E101	ELECTRICAL NEW SITE PLAN
E102	FIRST FLOOR DEMOLITION PLAN
E401	FIRST FLOOR SYSTEMS PLAN
E801	ONE-LINE DIAGRAM
E803	LIGHTING SCHEDULES & DETAILS

1. DESIGN AND CONSTRUCTION OF THIS PROJECT IS PER THE 2021 INTERNATIONAL BUILDING CODE (IBC) INCLUDING REFERENCED STANDARDS AND LOCAL/STATE AMENDMENTS OR BUILDING CODES.
2. THIS PROJECT IS SUBJECT TO SPECIAL INSPECTIONS AS DESCRIBED IN CHAPTER 17 OF THE IBC AND SHALL BE PROVIDED BY AN INDEPENDENT AGENCY.
3. GENERAL CONTRACTOR, CONTRACTOR, CONSTRUCTION MANAGER/AGENCY OR OTHER SIMILAR ENTITY OR REFERENCE ARE SYNONYMOUS AS IT RELATES TO USE OF AND RESPONSIBILITIES ASSIGNED BY THE CONTRACTOR DOCUMENTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF STRUCTURAL SYSTEMS WITH OTHER TRADES AND CONTRACT DOCUMENTS, NOTIFY THE EOR OF ANY DISCREPANCIES.
5. CONTRACTOR SHALL PROVIDE VERIFICATION OF QUANTITIES AND DIMENSIONS, MEANS AND METHODS OF CONSTRUCTION, SAFE AND SECURE PERFORMANCE OF THE WORK, AND TO NOT ALTER OR CUT ANY STRUCTURAL MEMBER WITHOUT APPROVAL FROM THE EOR.
6. THE STRUCTURAL DESIGN REPRESENTS THE COMPLETED STATE ANY TEMPORARY BRACING OR SHORING REQUIRED TO MAINTAIN STABILITY DURING CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY THE CONTRACTOR.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, FRAMING MEMBERS, AND SITE CONDITIONS PRIOR TO STARTING THE WORK AND NOTIFY THE EOR OF ANY DISCREPANCIES.
8. EXACT LOCATION AND SIZE OF ROOF/FLOOR/WALL OPENINGS, SLEEVES, OR MECHANICAL PENETRATIONS TO COORDINATE BY THE CONTRACTOR, SIMILAR FOR HOUSEKEEPING PADS, INSERTS AND EMBEDS, DEPRESSIONS, BOX-OUTS, SLOPES, DOORS AND WINDOWS, NON-BEARING WALLS, STAIRS, FINISHES, WATERPROOFING, RAILINGS, MECHANICAL EQUIPMENT LOCATIONS, LEDGES, INSULATION AND OTHER NON-STRUCTURAL ITEMS NECESSARY TO COMPLETE THE WORK.
9. CONTRACTOR SHALL PROVIDE CONTRACTOR APPROVED AND STAMPED SHOP DRAWINGS AND PRODUCT DATA FOR REVIEW WITH GENERAL CONFORMANCE TO THE CONTRACTOR DOCUMENTS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION WITH TESTING AND INSPECTION AGENCIES DURING CONSTRUCTION OR WHOEVER REMAINS RESPONSIBLE FOR PERFORMING WORK IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
11. CONSTRUCTION OBSERVATION BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS ONLY.
12. DEFERRED SUBMITTAL ITEMS REQUIRE SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AS FOLLOWS:
 - A. PRE-ENGINEERED WOOD TRUSSES

1. OWNER SHALL EMPLOY SERVICES OF AN INDEPENDENT TESTING AGENCY TO PERFORM SPECIFIED SPECIAL INSPECTION AND TESTING AS REQUIRED BY THE IBC OR AS SPECIFICALLY NOTED.
2. SPECIAL INSPECTION AND TESTING SHALL BE COMPLETED IN ACCORDANCE WITH CHAPTER 17 OF THE IBC AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
3. CONTRACTOR SHALL PROVIDE SPECIAL INSPECTOR WITH SUFFICIENT NOTICE AND ACCESS TO THE SITE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF RETESTING OR ADDITIONAL INSPECTION NEEDED AS A RESULT OF UNINSPECTED WORK, FAILED TESTS, OR REJECTED WORK.
5. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 - A. OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS.
 - B. FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND PROJECT TEAM.
 - C. IMMEDIATELY NOTIFY THE CONTRACTOR AND ARCHITECT/EOR OF ANY DISCREPANCIES, DEVIATIONS, OR FAILED TEST FOR CORRECTIVE ACTION.

1. NOTIFY EOR IMMEDIATELY IF ANY QUESTIONABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATION; FOUNDATION ELEVATIONS AND SUBGRADE PREPARATION ARE SUBJECT TO CHANGE DEPENDING ON CONDITIONS ENCOUNTERED.
2. PROJECT GEOTECHNICAL ENGINEER SHALL TEST TO VERIFY DESIGN BEARING PRESSURE AND INSPECT SUBGRADE EXCAVATION AND PREPARATION PRIOR TO PROCEEDING WITH PLACEMENT OF FOUNDATIONS AND SLABS.
3. FOUNDATION AND SLABS SHALL BEAR ON UNDISTURBED SOIL OR APPROVED FILL MATERIAL COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR UNLESS OTHERWISE NOTED OR SPECIFIED BY THE PROJECT GEOTECHNICAL ENGINEER.
4. PROTECT EXCAVATIONS AND FOOTINGS FROM THE ACTION OF WATER OR FREEZING AND SHALL NOT BE EARTH FORMED WITHOUT APPROVAL BY THE EOR.
5. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED TO COMPLY WITH OSHA STANDARDS.
6. MATERIAL FOR BACKFILL SHALL BE CLEAN, FREE OF WOOD SCRAPS OR OTHER DELETERIOUS SUBSTANCES AND PLACED IN 12" COMPACTED LIFTS, UNLESS NOTED OR SPECIFIED BY THE PROJECT GEOTECHNICAL ENGINEER.
7. BACKFILL AGAINST FOUNDATION WALL CAREFULLY TO AVOID DAMAGE TO THE WALL AND OTHER CONSTRUCTION; NO UNBALANCED BACKFILL SHALL BE PLACED UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY CONSTRUCTION BRACING OR PERMANENT CONSTRUCTION, OR DESIGNED TO RETAIN EARTH.
8. EXISTING ON-SITE SUITABLE SOILS ARE ACCEPTABLE BACKFILL MATERIAL PROVIDED THEY CAN BE CONDITIONED AND PLACED TO THE SPECIFIED WATER CONTENT, MEET COMPACTION REQUIREMENTS, AND ARE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.
9. GRANULAR FILL SHALL HAVE 100% PASSING THE #1, LESS THAN 50% PASSING THE #40, AND LESS THAN 12% PASSING THE #200 SIEVES UNLESS NOTED OR SPECIFIED BY THE PROJECT GEOTECHNICAL ENGINEER.
10. PROVIDE A MINIMUM 6" THICK DRAINAGE COURSE BELOW ALL INTERIOR FLOOR SLABS ON GRADE UNLESS NOTED OTHERWISE. DRAINAGE COURSE SHALL HAVE 100% PASSING THE #1, LESS THAN 50% PASSING #40, AND LESS THAN 5% PASSING THE #200 SIEVES, UNLESS NOTED OR SPECIFIED BY THE PROJECT GEOTECHNICAL ENGINEER. PROVIDE A 10 MIL VAPOR BARRIER BETWEEN THE DRAINAGE COURSE AND UNDERSIDE OF CONCRETE SLAB.
11. CRUSHED STONE/GRAVEL AROUND DRAINFILE SYSTEMS SHALL HAVE LESS THAN 10% PASSING THE #4 SIEVE UNLESS NOTED OTHERWISE.

1. CONTRACTOR WORK SHALL CONFORM WITH REQUIREMENTS OF ACI 301 AND ACI 318 OR ACI 350, ALONG WITH ACI 305 AND ACI 306 WHEN WEATHER CONDITIONS DICTATE HOT OR COLD WEATHER PROVISIONS.
2. CONCRETE SHALL BE A RED-MIXED PRODUCT IN CONFORMANCE WITH APPROVED MIX DESIGN SUBMITTALS FOR EACH COMBINATION OF STRENGTH OR APPLICATION AS PREPARED BY THE SUPPLIER OR AND INDEPENDENT TESTING AGENCY.
3. DO NOT USE ADMIXTURES OR CURING ACCELERATORS CONTAINING CALCIUM CHLORIDE.
4. TOLERANCES AND FORMWORK SHALL BE DESIGNED, ERECTED, SUPPORTED, BRACED, AND MAINTAINED TO CONFORM WITH REQUIREMENTS OF ACI 114 AND ACI 347.
5. CHAMFER EXPOSED EDGES OF CONCRETE 3/4" WHERE NOT SPECIFICALLY SHOWN OR NOTED ON STRUCTURAL OR ARCHITECTURAL DRAWINGS.
6. SEE CONCRETE REINFORCING NOTES SECTION, STANDARD DETAILS AND TABLES FOR ADDITIONAL REINFORCING AND LAYOUT REQUIREMENTS.
7. ALL FOOTINGS, FOUNDATIONS, PIERS, COLUMNS, AND FRAMING MEMBERS SHALL BE CENTERED UNLESS NOTED OTHERWISE.
8. FOOTING STEPS SHALL BE GENERALLY LOCATED WHERE INDICATED ON THE FOUNDATION PLANS.
9. PROVIDE DOWEL BARS BETWEEN MEMBERS WITH STANDARD HOOKS TO SUPPORT MEMBER AND LAP SPACED WITH PRIMARY REINFORCING; DOWELS SHALL BE SAME SIZE AND SPACED TO MATCH PRIMARY REINFORCING UNLESS NOTED OTHERWISE.
10. INSERTS, SLEEVES, OPENINGS, AND OTHER EMBEDDED ITEMS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE LOCATED AND VERIFIED BY THE CONTRACTOR; THOSE NOT SHOWN SHALL BE INSTALLED ONLY AFTER APPROVAL BY THE EOR.
11. CONTRACTOR TO LAY OUT AND SUBMIT LOCATION OF CONSTRUCTION JOINTS AND CONCRETE CONSTRUCTION FOR REVIEW AND APPROVAL. SEE STANDARD DETAILS FOR SLAB OR WALL CONSTRUCTION. CUT JOINTS WITHIN 24 HOURS OF CONCRETE PLACEMENT, SPACED NOT MORE THAN 36 TIMES THE SLAB THICKNESS, AND AN ASPECT RATIO NOT EXCEEDING 1.5.
12. UNLESS SPECIFICALLY DETAILED OR SHOWN ON THE STRUCTURAL DRAWINGS, PENETRATIONS OR OPENINGS IN SLABS AND WALL SHALL:
 - A. NOT EXCEED 12 INCHES IN ANY DIMENSION.
 - B. NOT BE LOCATED WITHIN 6 INCHES FROM AN EDGE.
 - C. NOT BE LOCATED WITHIN A BEAM OR COLUMN.
 - D. NOT BE CLOSER THAN 10 TIMES THE SLAB THICKNESS FROM A CONCENTRATED LOAD EXCEEDING 2,000 LBS.
 - E. WHEN PLACED IN GROUPS, SHALL BE PLACED WITH NO LESS THAN ONE PENETRATION OF OPENING DIAMETER CLEAR BETWEEN THEM.

1. CONCRETE REINFORCEMENT DETAILING AND PLACEMENT SHALL CONFORM WITH REQUIREMENTS OF ACI 315 AND CRSI MANUAL.
2. SEE STANDARD DETAILS AND TABLES FOR ADDITIONAL INFORMATION RELATED TO STEEL REINFORCING COVER, LAP'S, AND MISCELLANEOUS DETAILING.
3. REINFORCING STEEL SHALL BE TIED, ACCURATELY PLACED, AND SUPPORTED BY STANDARD ACCESSORIES. ACCESSORY LEGS EXPOSED TO VIEW SHALL BE STAINLESS STEEL.
4. REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE LOCATED AND HELD IN PLACE PRIOR TO CONCRETE PLACEMENT; PLACEMENT OR PUSHING ("WET STICKING") INTO CONCRETE IS NOT ALLOWED.
5. REINFORCEMENT LAP SPICES SHALL BE CLASS B PLUS 6" AT NON-CONTACT SLICES, UNLESS NOTED OTHERWISE, AND SPICED AT LOCATIONS SHOWN OR NOTED WITHIN THE STRUCTURAL DOCUMENTS; EXCEPTION REINFORCEMENT NOTED AS "CONTINUOUS" MAY BE SPICED AT LOCATIONS DETERMINED BY THE CONTRACTOR.
6. PROVIDE (2) #5'S, ONE EACH FACE, AROUND ALL OPENINGS GREATER THAN 12"x12", AND EXTENDING 2'-0" BEYOND OPENING IN BOTH DIRECTIONS; AT CORNERS, SIMILARLY PROVIDE (2) #5x4'-0" BARS DIAGONALLY.

1. POST INSTALLED ANCHORS SHALL ONLY BE USED WHERE OR WHEN SPECIFIED IN THE CONTRACT DOCUMENTS.
2. PRIOR APPROVAL FROM THE EOR IS REQUIRED BEFORE USING POST INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN ANCHORS, BOLTS, OR RODS.
3. NO STEEL REINFORCEMENT SHALL BE CUT TO INSTALL ANCHORS, LOCATE PRIOR TO DRILLING HOLES.
4. POST INSTALLED ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND MAINTAIN NECESSARY EMBEDMENT, HOLE PREPARATION, EDGE DISTANCE, AND SPACING.
5. INSPECTION AND TESTING SHALL BE PER THE GENERAL NOTES AND CHAPTER 17 OF THE IBC.
6. SUBSTITUTION FOR A DIFFERENT TYPE OF ANCHOR OR VENDOR IS NOT PERMITTED WITHOUT A PRIOR SUBSTITUTION REQUEST SUBMITTAL WITH JUSTIFICATION AND COMPARATIVE CAPACITY ANALYSIS FOR APPROVAL BY THE EOR.

- WOOD FRAMING AND CONSTRUCTION SHALL COMPLY WITH CONSTRUCTION DOCUMENTS, APA AND/OR TPI STANDARD. GULUAM FABRICATOR SHALL BE AITC OR APA MEMBER AND FOLLOW APPEARANCE AND GRADE SPECIFICATIONS NOTED.
- PROVIDE WOOD FRAMING FASTENING PER THE IBC FASTENING SCHEDULE. COMMON NAILS, UNLESS NOTED OTHERWISE OR RECOMMENDED BY ENGINEERED WOOD SUPPLIER. MULTI PLY MEMBERS SHALL BE FASTENED WITH (2) ROWS OF 16d NAILS AT 12" O/C; FOR MEMBERS DEEPER THAN 12", PROVIDE (3) ROWS.
- FASTENERS TO BE STAGGERED TO PREVENT SPLITTING OF WOOD FRAMING. DRILLED BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER. CUT WASHERS SHALL BE USED WHERE BOLT HEADS, NUTS, AND LAG SCREW HEADS BEAR ON WOOD. DO NOT NOTCH OR DRILL STRUCTURAL WOOD FRAMING EXCEPT AS ALLOWED BY THE IBC.
- WOOD NAILERS SHALL BE BOLTED TO STEEL FRAMING WITH (2) ROWS OF 1/2" DIAMETER A307 BOLTS SPACED 32" O/C. STAGGERED ROWS BY ONE HALF SPACING.
- TOP PLATES SHALL BE STAGGERED 48 INCHES MINIMUM AND FASTENED PLIES WITH (16) 16d COMMON NAILS EACH SIDE OF SPLICE
- SILL PLATES SHALL BE ANCHORED TO FOUNDATIONS WITH 5/8" DIAMETER BY 7" EMBEDMENT GALVANIZED ANCHOR RODS OR 5/8" DIAMETER x 10" EMBEDMENT SIMPSON TITEN HD SCREW ANCHORS AT 48" O/C, UNLESS NOTED OTHERWISE. PROVIDE A MINIMUM 3"x3"x 0.229" PLATE WASHER ON ALL SILL PLATE ANCHOR BOLTS. THERE SHALL BE AT LEAST (2) ANCHOR BOLTS PER PIECE SPACED NOT MORE THAN 6 FEET APART. WITH (1) BOLT LOCATED NOT MORE THAN 12" OR LESS THAN 4" FROM EACH END OF EACH PIECE. (REVIEW EMBED & WASHER SIZES)
- WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED AND PROTECTED, OR NATURALLY RESISTANT TO DECAY
- BRACE INTERIOR NON-BEARING WALLS TO BLOCKING OR FRAMING ABOVE PROVIDING CLIPS ALLOWING FOR VERTICAL MOVEMENT OF THE STRUCTURE.
- PROVIDE 2x FULL HEIGHT JAMB AND KING STUDS EACH SIDE OF WALL OPENINGS EQUAL TO THE NUMBER OF HEADER PLIES UNLESS OTHERWISE NOTED.
- PROVIDE 2x FULL HEIGHT JAMB STUDS DIRECTLY BELOW GIRDER TRUSS BEARING IN ADDITION TO SOLID BLOCKING AT JOIST/TRUSS CAVITIES. NUMBER OF STUDS SHALL EQUAL THE NUMBER OF GIRDER PLIES, UNLESS OTHERWISE NOTED
- PROVIDE SOLID BLOCKING EQUAL IN SIZE/NUMBER/WIDTH OF JAMBS AT JOIST/TRUSS CAVITIES BELOW BEAM/HEADER/GIRDER BEARING LOCATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF PANELIZED WALL CONSTRUCTION. REFER TO REVIEW SUBMITTED FRAMING FOR GENERAL CONFORMANCE AND DESIGN INTENT, NOT FOR ACTUAL ENGINEERING OF PANEL OR COMPONENTS.
- WOOD TO STEEL CONNECTION, HANGERS, AND HARDWARE REQUIRED TO COMPLETE THE INSTALLATION OF LAMINATED WOOD SHALL BE FURNISHED BY THE STRUCTURAL STEEL SUPPLIER.
- SHEATHING AND/OR BRACING SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE FLOOR OR ROOF ABOVE.
- SEE SHEAR WALL SCHEDULE AND DETAILS FOR ADDITIONAL ANCHOR ROD, HOLDDOWN, AND OTHER ANCHORAGE/FASTENING REQUIREMENTS.
- SHEATHING SHEET SIZES SHALL BE 4'-0" x 8'-0" (MIN) EXCEPT AT BOUNDARIES. INSTALL SHEETS WITH THE LONG DIMENSION OR STRENGTH AXIS OF THE PANEL PERPENDICULAR TO SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS. STAGGER END JOINTS OF ADJACENT SHEETS.
- ROOF DIAPHRAGM (UNBLOCKED) USE 15/32" SHEATHING WITH A 32/16 SPAN RATING.
- FASTEN SHEATHING TO SUPPORTING MEMBERS AS FOLLOWS:
 - ROOF SHEATHING (UNBLOCKED): 8d COMMON NAILS AT 6" O/C AT SUPPORTED PANEL EDGES AND AT DIAPHRAGM BOUNDARIES AND 12" O/C AT INTERMEDIATE SUPPORTS.
 - EXTERIOR WALL SHEATHING (UNBLOCKED): 8d COMMON NAILS AT 6" O/C AT PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS.
 - SHEARWALL SHEATHING: SEE SHEARWALL SCHEDULE

1. WOOD TRUSSES SHALL BE DESIGNED FOR THE LOADS INDICATED ON THE PLAN BY THE TRUSS FABRICATOR AND IN ACCORDANCE WITH THE TPI AND NFPA FOR METAL PLATE CONNECTED WOOD TRUSSES.
2. WOOD TRUSSES ARE SHOWN AS A GENERAL LAYOUT ONLY, EXCEPT GIRDER TRUSSES, WITH FINAL LAYOUT AS DETERMINED BY THE TRUSS FABRICATOR.
3. GIRDER TRUSS LOCATIONS SHOWN SHALL REMAIN UNLESS A CHANGE REQUEST IS REVIEWED AND APPROVED BY THE EOR.
4. WOOD TRUSSES AND GIRDERS SHALL BE FASTENED TO SUPPORTING MEMBERS W/ (2) 16d COMMON NAILS (MIN) AND WITH METAL CLIPS AS NECESSARY. ROOF TRUSSES SHALL ALSO BE FASTENED WITH SIMPSON H2.5T HURRICANE TIES UNLESS OTHERWISE NOTED.
5. WOOD TRUSS TO GIRDER AND TRUSS TO TRUSS CONNECTIONS SHALL BE BY THE WOOD TRUSS FABRICATOR.
6. WOOD TRUSS DESIGNER SHALL PROVIDE CONTINUOUS RIBBONS, SOLID BLOCKING, OR BLOCKING PANELS BETWEEN TRUSSES AT BEARING, HIP, AND RIDGE LINES FOR FASTENING OF DECK/SHEATHING AS REQUIRED BY TRUSS DESIGN UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL FOLLOW GUIDELINES OF THE BCSP AND TPI FOR SETTING, ERECTION, AND BRACING (TEMPORARY AND PERMANENT) OF WOOD TRUSSES. BRIDGING OR BRACING SHOWN ON THESE DRAWINGS IS SCHEMATIC.
8. CONTRACTOR TO COORDINATE LOCATION OF MECHANICAL DUCTWORK AND OPENINGS WITH WOOD TRUSS FABRICATOR.
9. WOOD TRUSS DEFLECTION SHALL MEET THE MINIMUM REQUIREMENTS AS FOLLOWS: FLOOR 1/480 LIVE LOAD AND 1/360 TOTAL LOAD; ROOF 1/360 LIVE LOAD AND 1/240 TOTAL LOAD.
10. WOOD TRUSS DESIGNER SHALL DESIGN TOP AND BOTTOM CHORDS FOR 10 PSF DEAD LOAD AT ROOF TRUSSES AND TOP CHORD OF 15 PSF WITH BOTTOM CHORD OF 10 PSF AT FLOOR TRUSSES. UNLESS A GREATER LOAD IS SHOWN WITHIN THE CONTRACT DOCUMENTS.

1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISI CODE WITH WELDING BY CERTIFIED WELDERS PER AWS D1.1.
2. PROVIDE STIFFENER PLATES ON BOTH SIDES OF BEAM WEBS AT POINTS OF CONCENTRATED LOADS OR BEARING; UNLESS NOTED OTHERWISE, MINIMUM PLATE THICKNESS SHALL BE 3/8" OR COLUMN FLANGE THICKNESS OR BEAM WEB THICKNESS WHICHEVER IS GREATER.
3. USE 3/4" DIA (MIN) A325-N HIGH STRENGTH BOLTS AT ALL CONNECTIONS UNLESS HIGHER STRENGTH IS REQUIRED BY DESIGN, COORDINATE WITH EOR.
4. STEEL SHALL BE SHOP PRIMED WITH FABRICATOR'S STANDARD RUST-INHIBITING PRIMER COMPATIBLE WITH TOP COATING. COORDINATE WITH ARCHITECTURAL, EXCEPT AT SURFACES ENCASED IN CONCRETE, TO BE WELDED, OR TO RECEIVE FIREPROOFING.
5. PROVIDE SHERWIN WILLIAMS TILE CLAD B TOP COAT WITH COLOR SELECTED BY OWNER.
6. ERECT BEAMS AND COLUMNS TRUE AND PLUMB WITHIN AISI TOLERANCE AND PROVIDE TEMPORARY BRACING AS REQUIRED.
7. WELDS FOR ALL EXPOSED STRUCTURAL STEEL SHALL BE GRIND SMOOTH, UNLESS NOTED OTHERWISE.
8. DO NOT FIELD CUT, WELD OR MODIFY STRUCTURAL STEEL MEMBERS WITHOUT APPROVAL OF THE EOR.

DESIGN CRITERIA AND LOADS (IN ADDITION TO THOSE INDICATED ON PLANS & DETAILS)		
OCCUPANCY	BUILDING RISK CATEGORY	II
DEAD LOADS (SUPERIMPOSED)	ROOF	20 PSF (10 TC/10 BC)
LIVE LOADS	ROOF (REDUCIBLE)	20 PSF
SNOW LOAD	GROUND SNOW LOAD	Pg 60 PSF
	SNOW EXPOSURE FACTOR	Ce 1.00
	IMPORTANCE FACTOR	Is 1.10
	THERMAL FACTOR (HEATED)	Ct 1.00
	FLAT ROOF SNOW LOAD (HEATED)	Pf 46.2 PSF
	UNBALANCED SNOW	SEE PLAN/PER ASCE 7
WIND DESIGN	(STRENGTH LEVEL UON)	
	BASIC WIND SPEED	V 110 MPH
MAIN WIND FORCE RESISTING SYSTEM	EXPOSURE CATEGORY	C
	BUILDING TYPE	ENCLOSED
	INTERNAL PRESSURE COEFICIENT	Gcpi +/-0.18
	NET UPLIFT	10 PSF
COMPONENTS AND CLADDING DESIGN PRESSURE		
		Aes 10 SQFT
	ZONE 1	16.00/-50.00 PSF
	ZONE 2E	16.00/-50.00 PSF
	ZONE 2N	16.00/-71.10 PSF
	ZONE 2R	16.00/-71.10 PSF
	ZONE 3E	16.00/-71.10 PSF
	ZONE 3R	16.00/-84.50 PSF
	ZONE 4	27.00/-28.60 PSF
	ZONE 5	27.00/-35.30 PSF
	a = 5'-4"	
	Ae = AFFECTIVE AREA FOR C	

GEOTECHNICAL		
	ALLOWABLE SOIL BEARING PRESSURE	fbrg 1200 PSF (ASSUMED)

CAST IN PLACE CONCRETE (NON-PRESTRESSED) COVER		
ACI 318 - STRUCTURAL CONCRETE		
UNLESS NOTED OTHERWISE ON DRAWINGS		COVER (INCHES)
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH		3
EXPOSED TO EARTH OR WEATHER		
	#6 THROUGH #18 BARS	2
	#5 AND SMALLER	1 1/2
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND		
SLABS, WALLS, JOISTS	#14 & #18 BARS	1 1/2
	#11 BARS AND SMALLER	3/4

MATERIAL STRENGTHS		
CONCRETE		
	28 DAY COMPRESSIVE STRENGTH	f'c
	FOOTINGS	4,000 PSI
	FOUNDATION WALLS/ PIERS/ WALLS/ COLUMNS/ SLABS/ BEAMS	4,000 PSI
	PROVIDE 6% (+/- 1.5%) ENTRAINED AIR IF EXTERIOR CONCRETE	
REINFORCING STEEL		
	REINFORCING BARS	ASTM A615 GR 60, DEFORMED
WOOD		
	SAWN LUMBER	
	BEAMS AND STRINGERS	DFL No. 2
	STUD WALLS (BEARING)	SPF STUD GRADE
	TOP PLATE & BOTTOM PLATE (BEARING WALLS)	DFL No.2 & SOUTHERN PINE No. 2, TREATED
	MISCELLANEOUS FRAMING AND BLOCKING	SPF STUD GRADE
SHEATHING	ROOF	15/32" APA RATED, EXPOSURE 1, 32/16 SPAN RATING
	WALL (SEE SHEAR WALL SCHEDULE FOR ADDITIONAL REQUIREMENTS)	7/16" APA RATED, EXPOSURE 1, 24/16 SPAN RATING
SILL PLATE	ANCHORS	1/2"Ø SIMPSON TITEN HD SCREW ANCHORS (GALV)
STRUCTURAL STEEL		
	STRUCTURAL MEMBERS	
	WIDE FLANGE (W) & TEE (WT)	ASTM A992, Fy=50 KSI
	STRUCTURAL PLATES	ASTM A36, Fy=36 KSI
FASTENERS	HIGH STRENGTH BOLTS	ASTM A325-N

CONCRETE REINFORCING STEEL LAP SPLICE & DEVELOPMENT LENGTH SCHEDULE				
BAR SIZE	MINIMUM LAP SPLICE LENGTHS (Ls)		MINIMUM DEVELOPMENT LENGTH (Ld)	
	TOP BARS¹	OTHER BARS	TOP BARS¹	OTHER BARS
#3	2'-0"	1'-7"	1'-7"	1'-3"
#4	2'-8"	2'-1"	2'-1"	1'-7"
#5	3'-4"	2'-7"	2'-7"	2'-0"
#6	4'-0"	3'-1"	3'-1"	2'-5"
#7	5'-10"	4'-6"	4'-6"	3'-6"
#8	6'-8"	5'-2"	5'-2"	3'-11"
#9	7'-7"	5'-10"	5'-10"	4'-6"
1. HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THEM.				

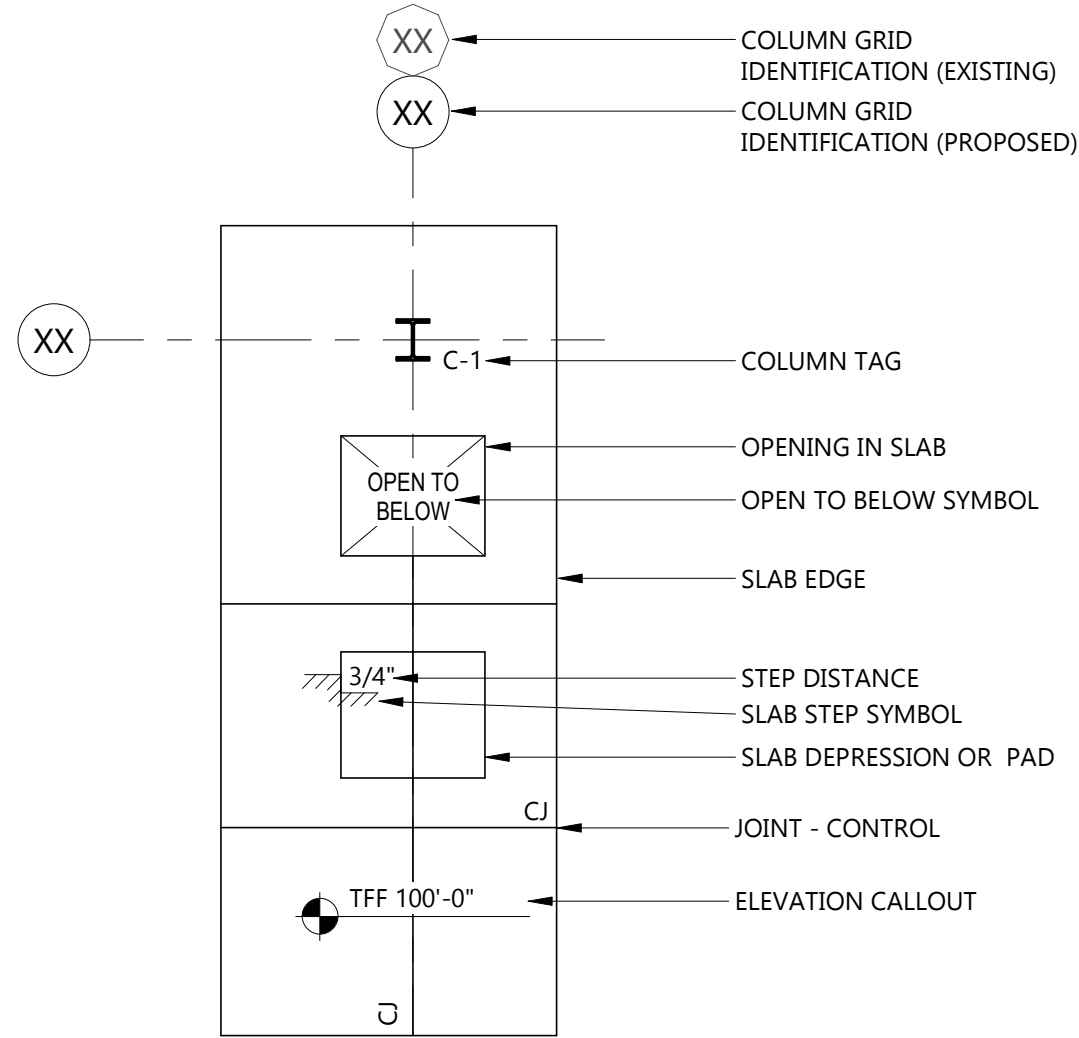
REQUIRED SPECIAL INSPECTION OF CONCRETE CONSTRUCTION ¹		
VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	--	X
2. REINFORCING BAR WELDING:	--	--
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	--	X
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND	--	X
C. INSPECT ALL OTHER WELDS	X	--
3. INSPECTION OF ANCHORS CAST INTO CONCRETE	--	X
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS	--	X
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARD INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X	--
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE	--	X
5. VERIFY USE OF REQUIRED DESIGN MIX	--	X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	--
7. INSPECTION OF CONCRETE NAD SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	--
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	--	X
9. INSPECTION OF PRESTRESSED CONCRETE FOR:	--	--
A. APPLICATION OF PRESTRESSING FORCE, AND	N/A	--
B. GROUTING OF BONDED PRESTRESSING	N/A	--
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	--	N/A
11. VERIFICATION 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	--	N/A
12. INSPECTION OF FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS PRIOR TO CONCRETE POUR	--	X
NOTE 1: ALL SPECIAL INSPECTIONS IN ACCORDANCE WITH CURRENT IBC AND ACI STANDARDS		

REQUIRED SPECIAL INSPECTION OF SOIL ¹		
VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1. VERIFY MATERIAL BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	--	X
NOTE 1: ALL SPECIAL INSPECTIONS IN ACCORDANCE WITH CURRENT IBC		

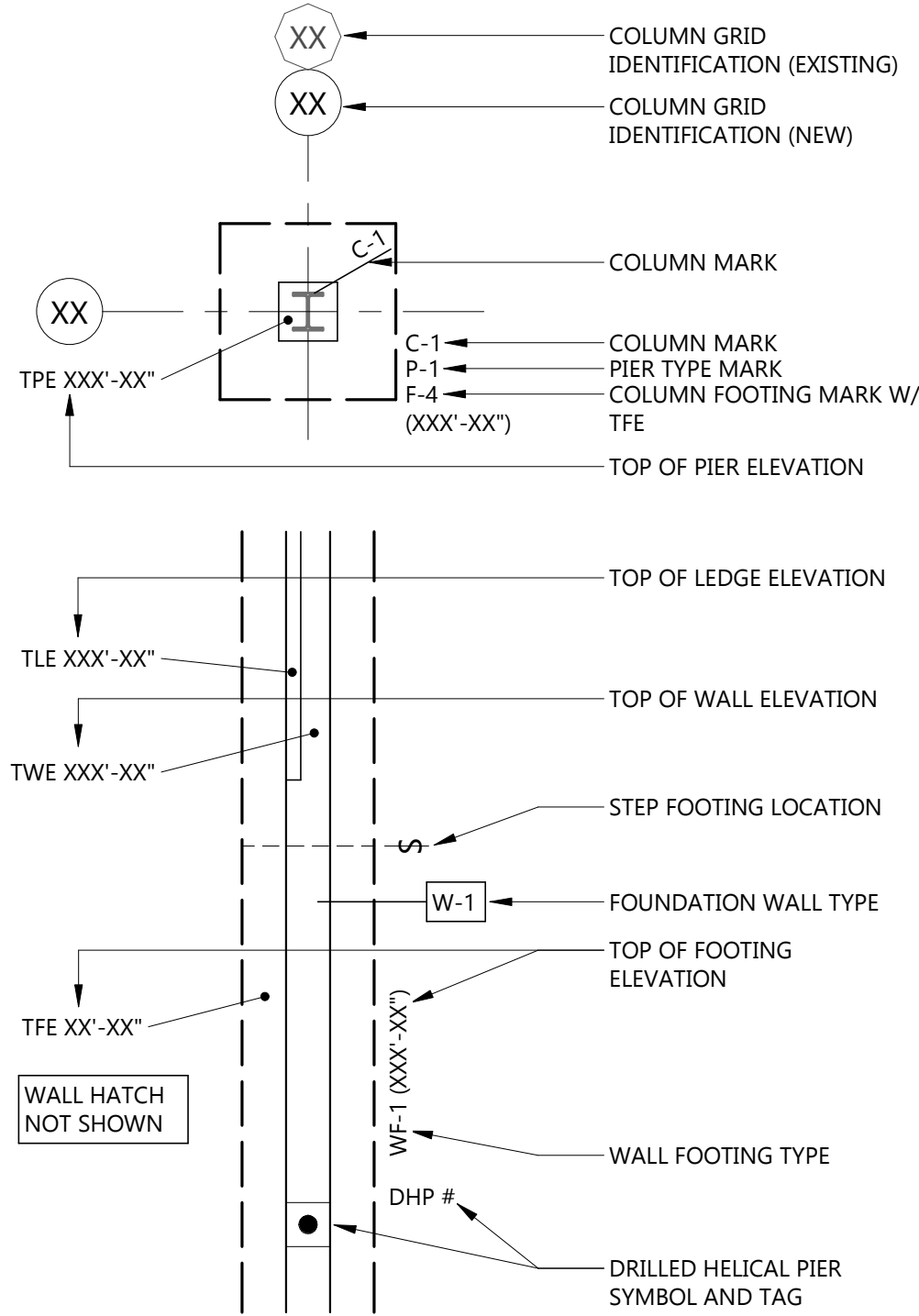
REQUIRED SPECIAL INSPECTION AND TESTS OF WOOD CONSTRUCTION ¹		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. SPECIAL INSPECTION OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH SECTION 1704.2.5 OF THE IBC 2025.	--	X
2. OWNER WILL ENGAGE A QUALIFIED SPECIAL INSPECTOR TO VERIFY TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE	--	X
NOTE 1: ALL SPECIAL INSPECTIONS IN ACCORDANCE WITH CURRENT IBC AND ACI STANDARDS		

REQUIRED SPECIAL INSPECTION AND TESTS FOR WIND RESISTANCE ON STRUCTURAL WOOD ¹		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. DURING FIELD GLUING OPERATIONS OF THE MAIN WIND FORCE-RESISTING SYSTEM	X	--
2. FOR NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS OF THE MAIN WIND FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES AND HOLDDOWNS.	--	X
NOTE 1: ALL SPECIAL INSPECTIONS IN ACCORDANCE WITH CURRENT IBC AND ACI STANDARDS		

STRUCTURAL SLAB LEGEND



FOUNDATION LEGEND



Architecture

Interior Design

Engineering

Industrial

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WHITE EARTH
RESERVATION

PROJECT DESCRIPTION

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ISSUE DATES

1	ADDENDUM #2	01-22-2026
CD	100% CONSTRUCTION DOCUMENTS	12-16-2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20245580

DRAWN BY: WLM

CHECKED BY: MMB

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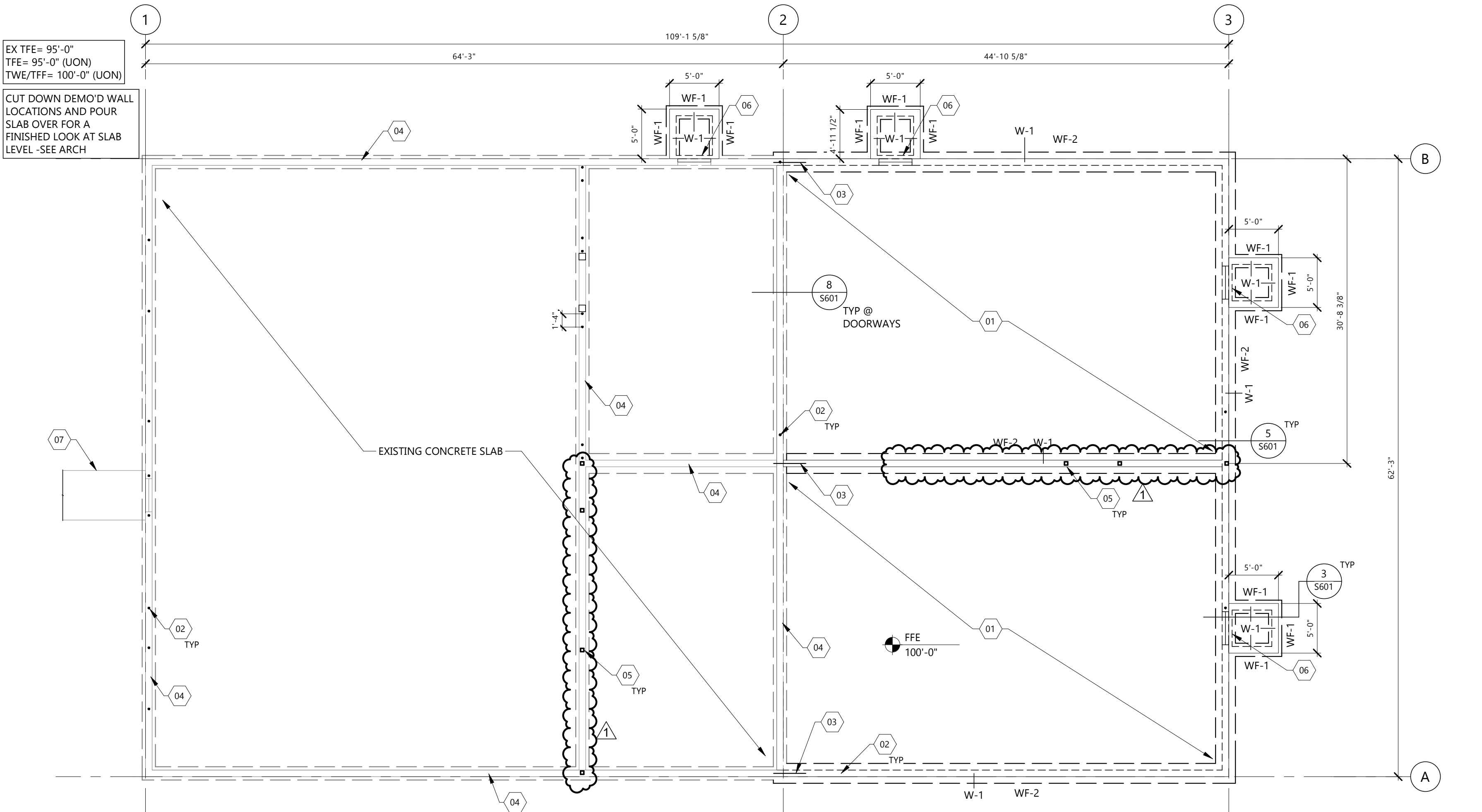
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Print Name: Samuel J. Wilke
Signature:
Date: 12/16/2025 License #: 48590

DRAWING TITLE

STRUCTURAL LOADS &
MATERIAL NOTE
TABLES

S002

Plot Date: 1/27/2025 2:59:27 PM



1 FIRST FLOOR SLAB PLAN
S201
1/8" = 1'-0"

FOUNDATION WALL SCHEDULE

MARK	WIDTH	MATERIAL	REINFORCING		REMARKS
			VERTICAL	HORIZONTAL	
W-1	8"	CONC	#5 @ 18" O/C	#5 @ 18" O/C	

CONTINUOUS FOOTING SCHEDULE

MARK	FOOTING SIZE		REINFORCING		REMARKS
	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE	
WF-1	1'-4"	12"	(2) #5	--	
WF-2	2'-0"	16"	(3) #5	--	

KEYNOTE LEGEND:

- < < < INDICATES KEYNOTE ON PLAN
- 01 4" THICK CONCRETE SLAB ON GRADE OVER 10 MIL VAPOR BARRIER OVER 6" DRAINAGE COURSE. REINFORCE W/ #3 @ 18" O/C EACH WAY
 - 02 APPROXIMATE HOLD DOWN LOCATION, SEE S301 & 8/S601 FOR MORE INFO
 - 03 DOWEL TO EX CONC FNDN & FTG W/ (2) #4x2'-6" BARS W/ 6" EMBED IN HILTI HIT HY 200 EPOXY, TYP @ HORIZ REINF
 - 04 EXISTING FOUNDATION WALL (ASSUMED 8" THICK)
 - 05 HSS4x4x1/4 - SECURE W/ 1/2"Øx5" TITEN HD SCREW ANCHORS. SEE 9/S601 FOR MORE INFO
 - 06 THICKEN FNDN WALL 4" AT STOOP WALL
 - 07 EXISTING CONCRETE LANDING



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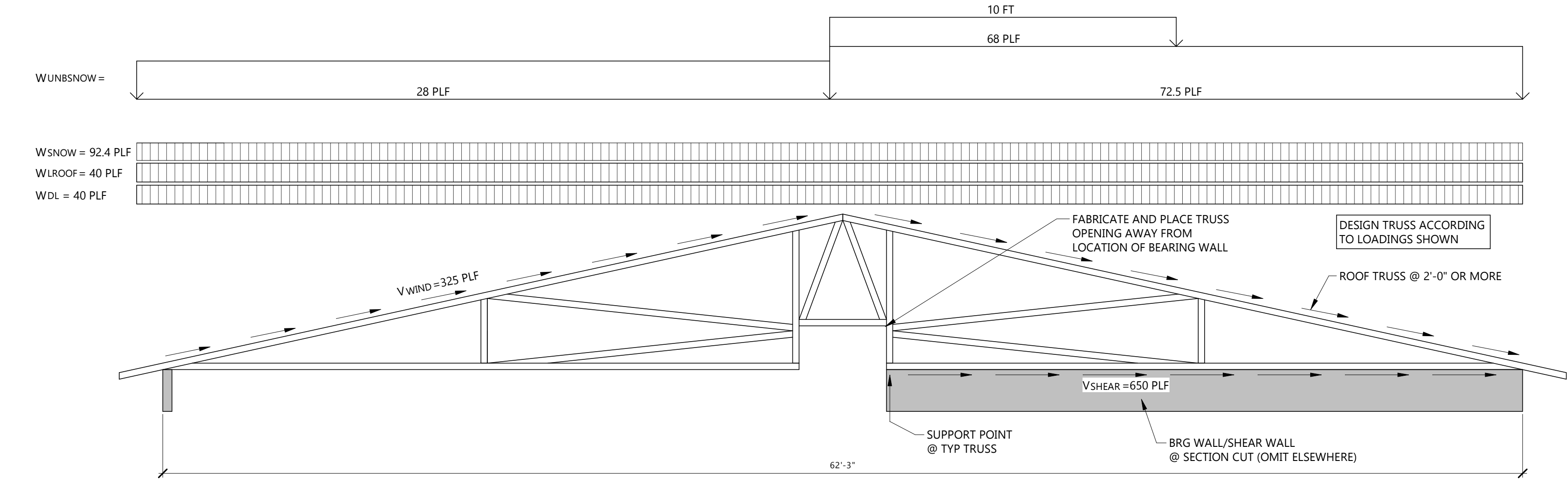
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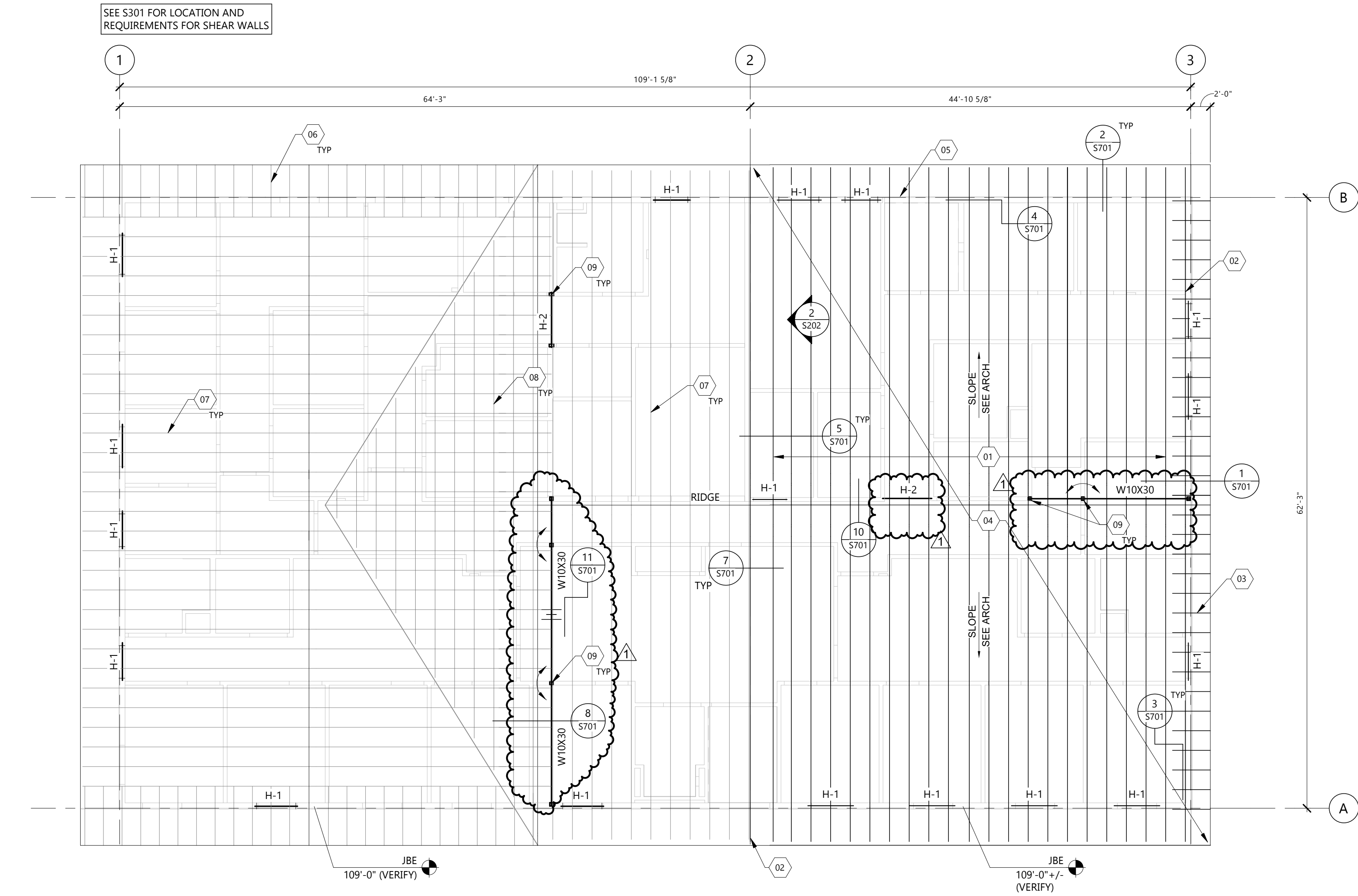
FIRST FLOOR SLAB
PLAN

S201

WOOD HEADER SCHEDULE					
MARK	SIZE	MATERIAL	JAMB STUDS		REMARKS
			AT BEARING	FULL HEIGHT	
H-2	1.75X11.87	MicroLam LVL 1.9E	2	1	SEE 6/S701



2 TRUSS LOAD DIAGRAM
1/4" = 1'-0"



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

KEYNOTE LEGEND:	
◻	< < < INDICATES KEYNOTE ON PLAN
01	PRE-ENGINEERED ROOF TRUSSES @ 24" O/C - SEE 2/S202
02	WOOD GABLE END WALL TRUSS W/ VERT WEBS @ 16" O/C
03	2x6 OUTRIGGERS @ 24" O/C
04	15/32" APA RATED (SPAN RATING 32/16) SHEATHING. FASTEN SHEATHING TO ROOF TRUSSES W/ 8D NAILS @ 6" O/C AT PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS
05	2x6 WALL W/ STUDS @ 16" O/C MAX
06	EXISTING OUTRIGGERS @ 2'-0" O/C
07	EXISTING ROOF TRUSSES @ 2'-0" O/C
08	EXISTING VALLEY TRUSSES
09	HSS4x4x1/4 COLUMN - SEE 9/S701 FOR MORE INFO

Architecture	Engineering
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DRAWING TITLE
ROOF FRAMING PLAN

S202

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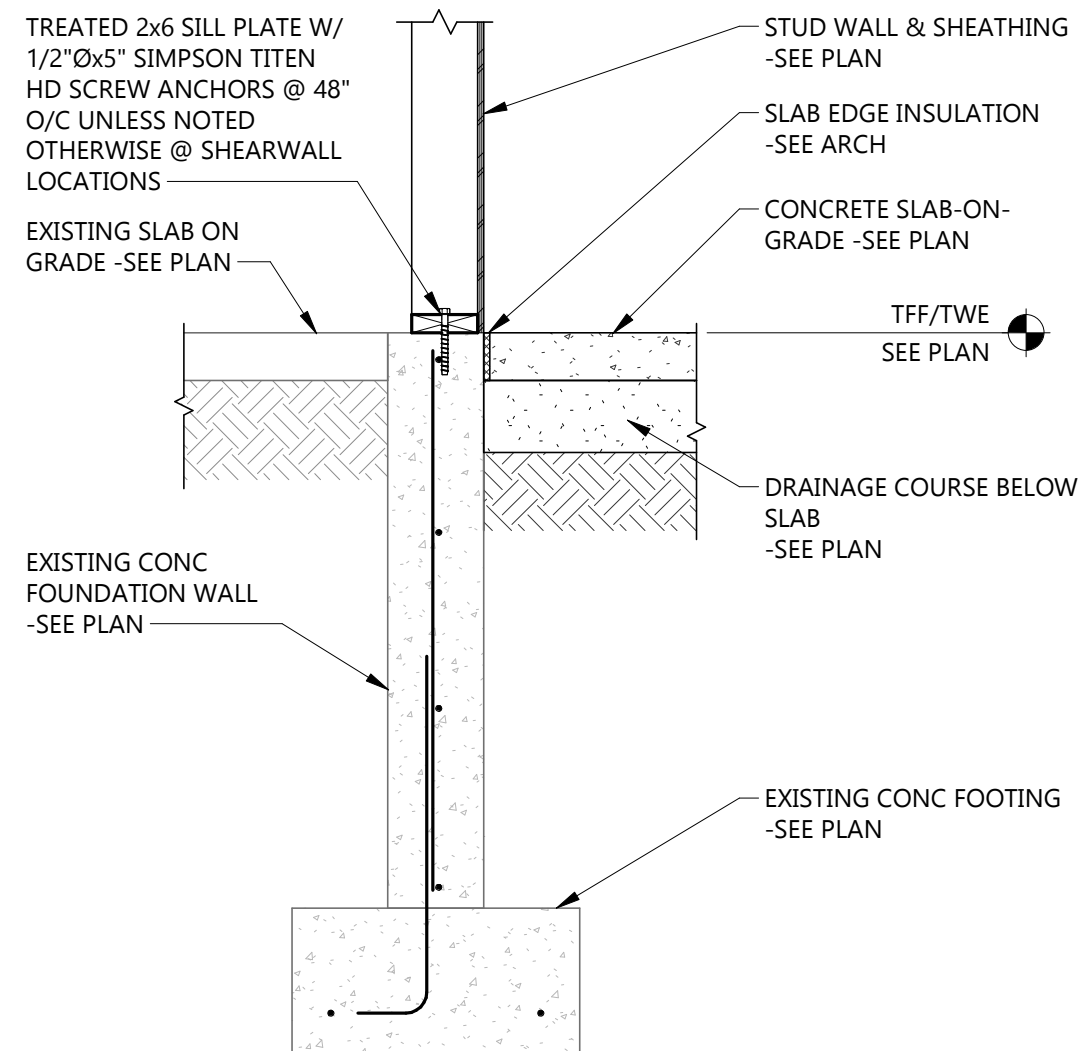
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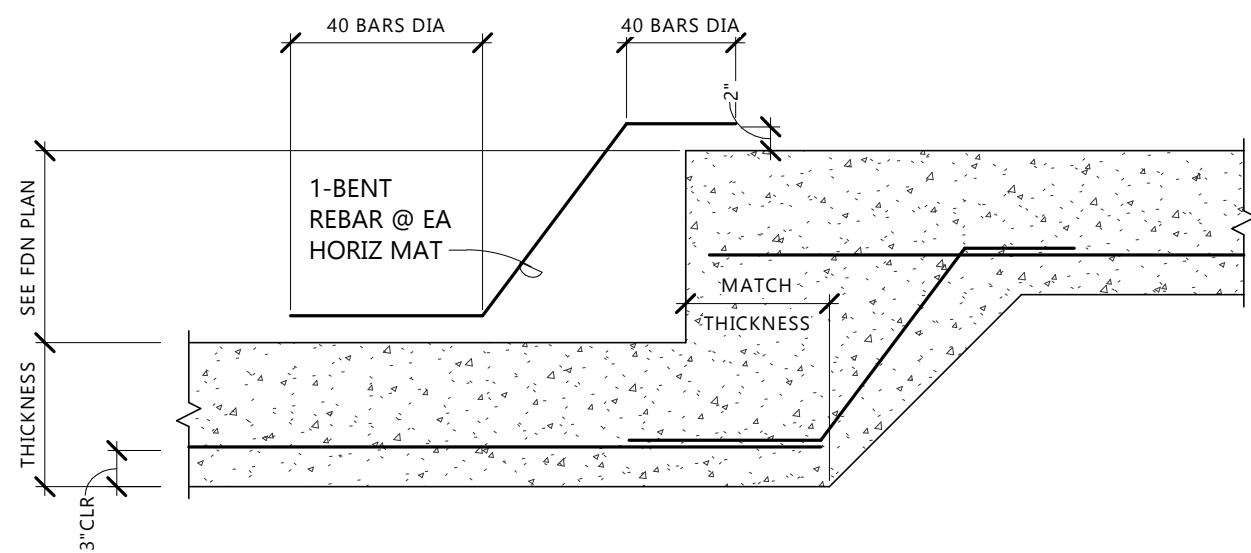
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FOUNDATION DETAILS

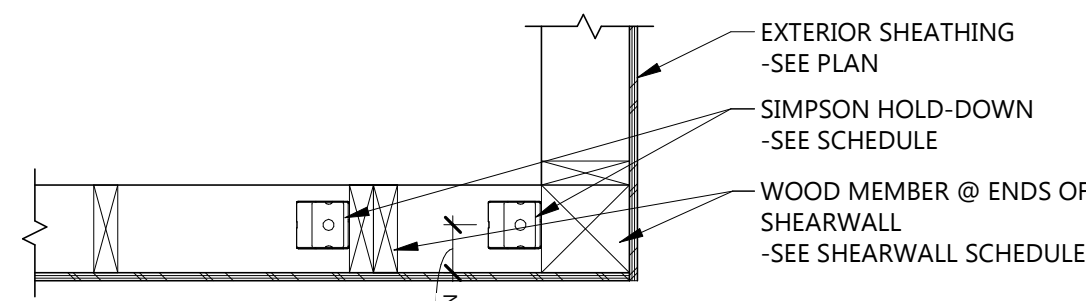
S601



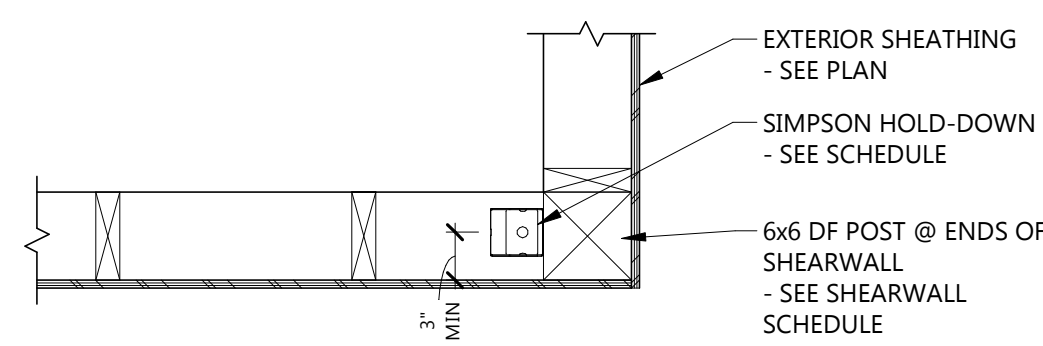
8 EXISTING EXTERIOR FOUNDATION WALL
S601 3/4" = 1'-0"



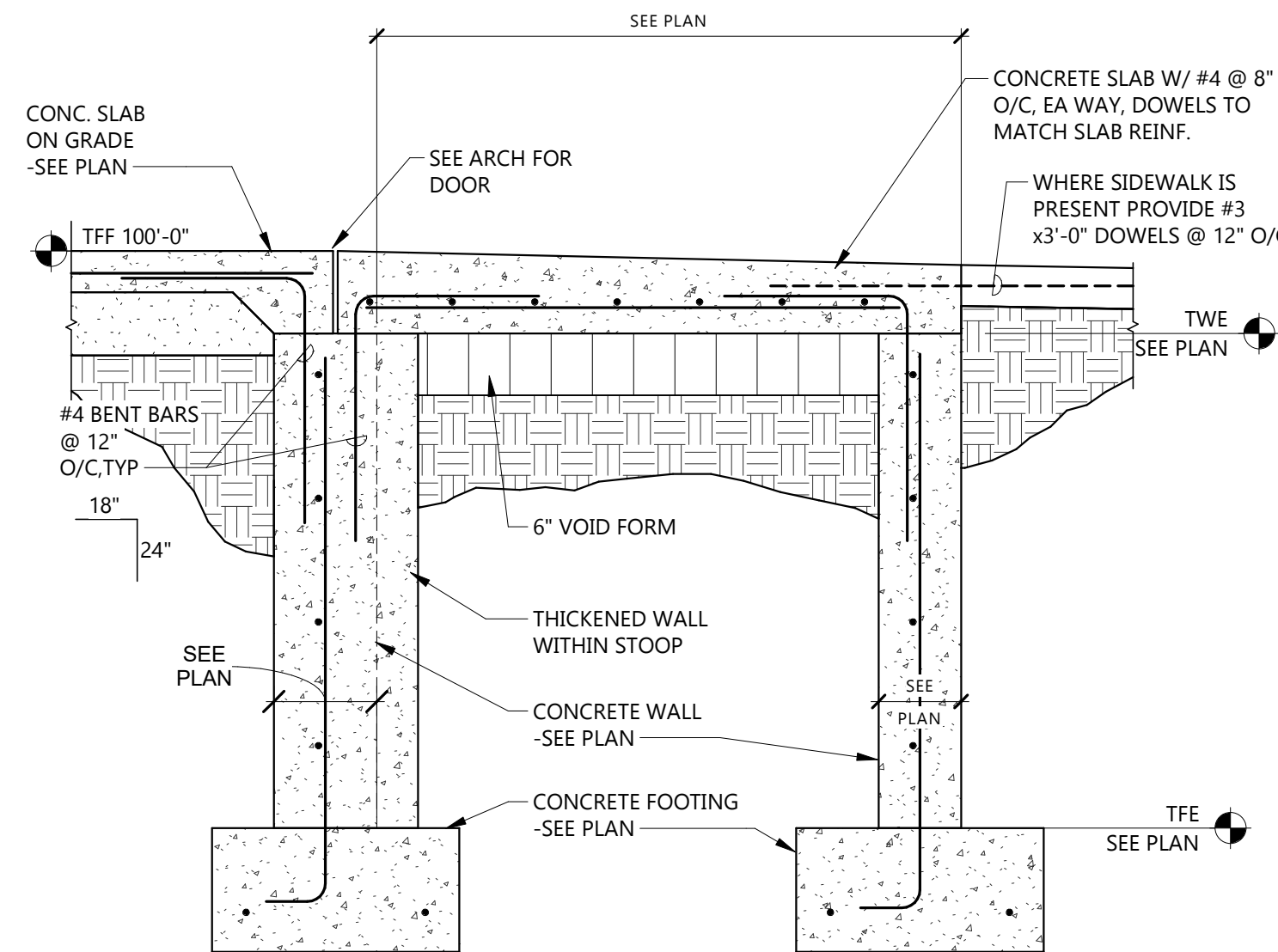
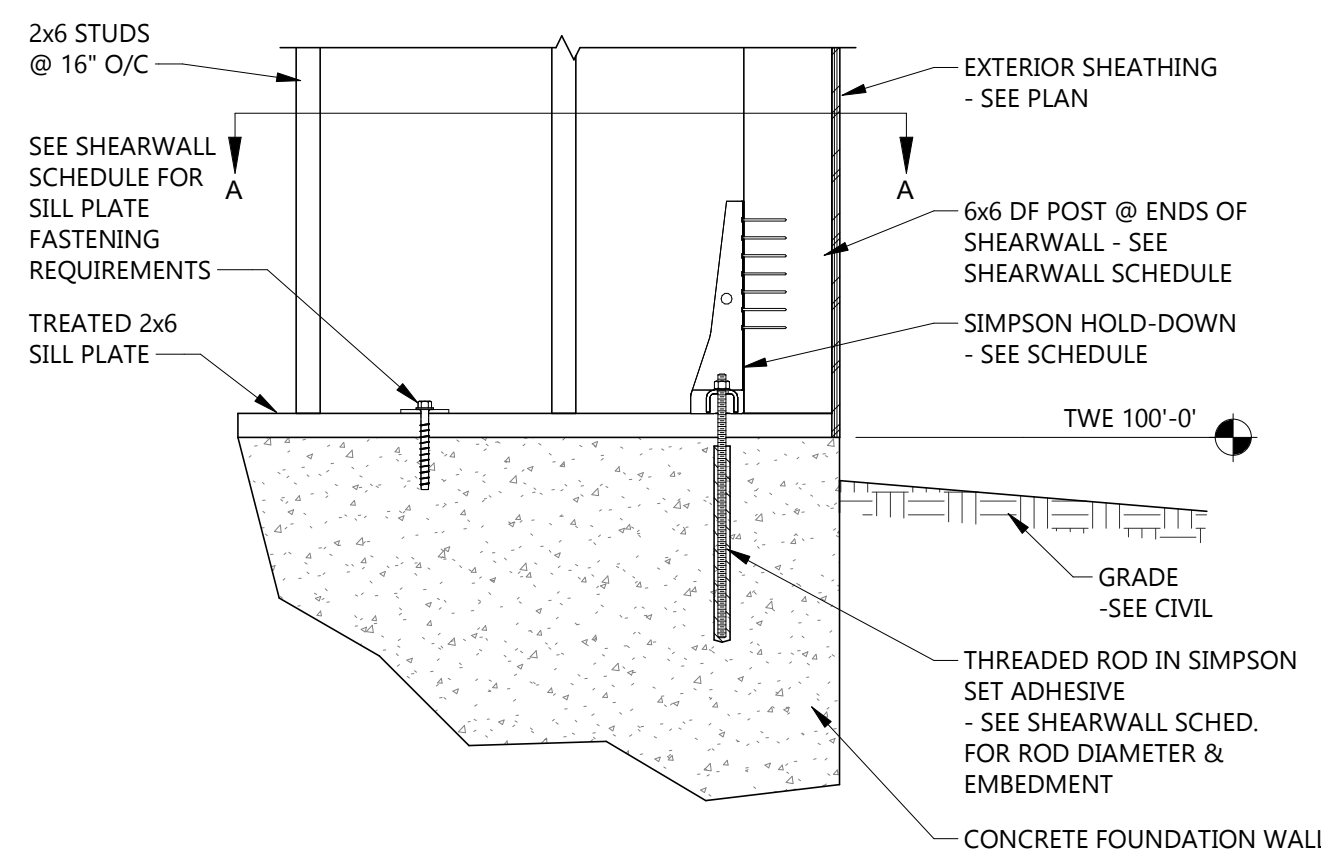
7 TYPICAL STEP FOOTING
S601 3/4" = 1'-0"



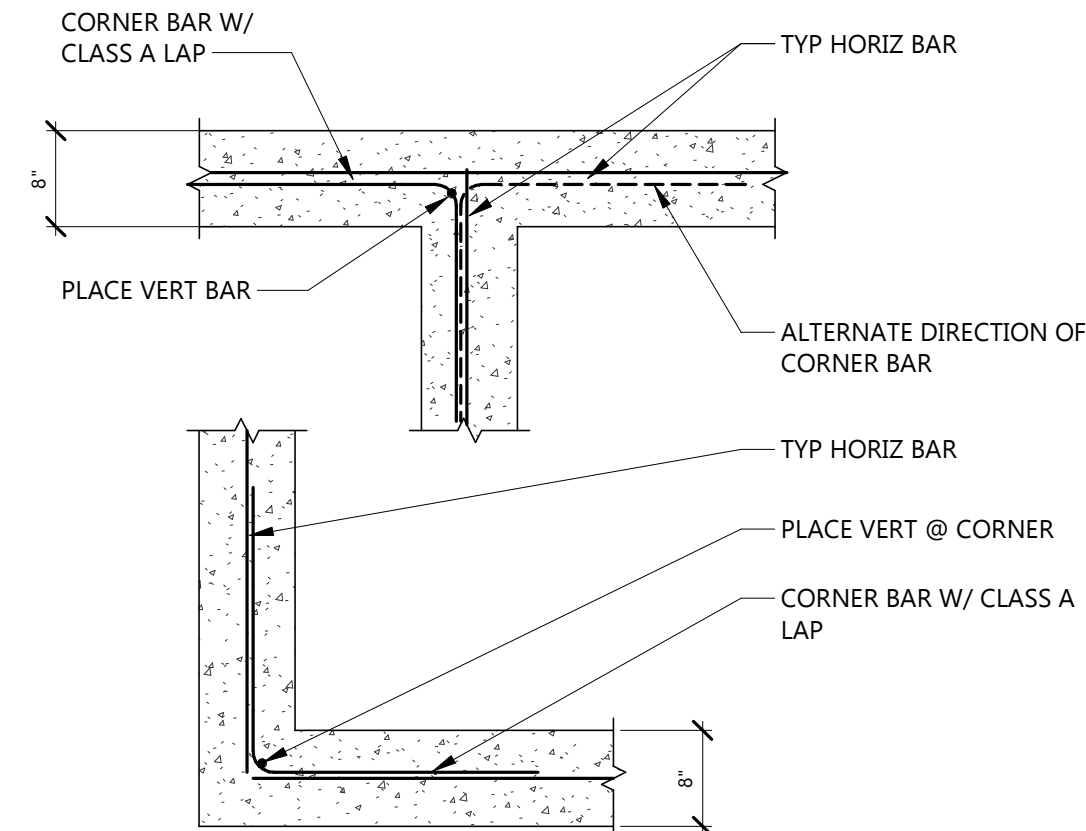
5 TYPICAL EXTERIOR FOUNDATION WALL
S601 3/4" = 1'-0"



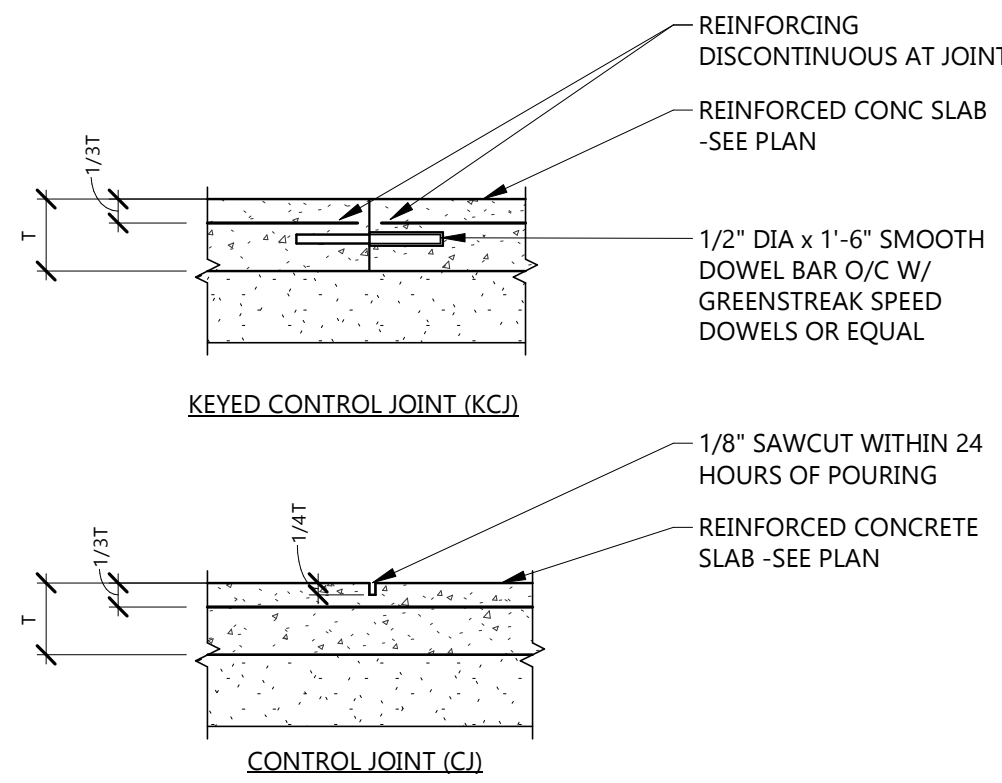
4 DETAIL AT EXTERIOR WALL HOLD-DOWN
S601 1" = 1'-0"



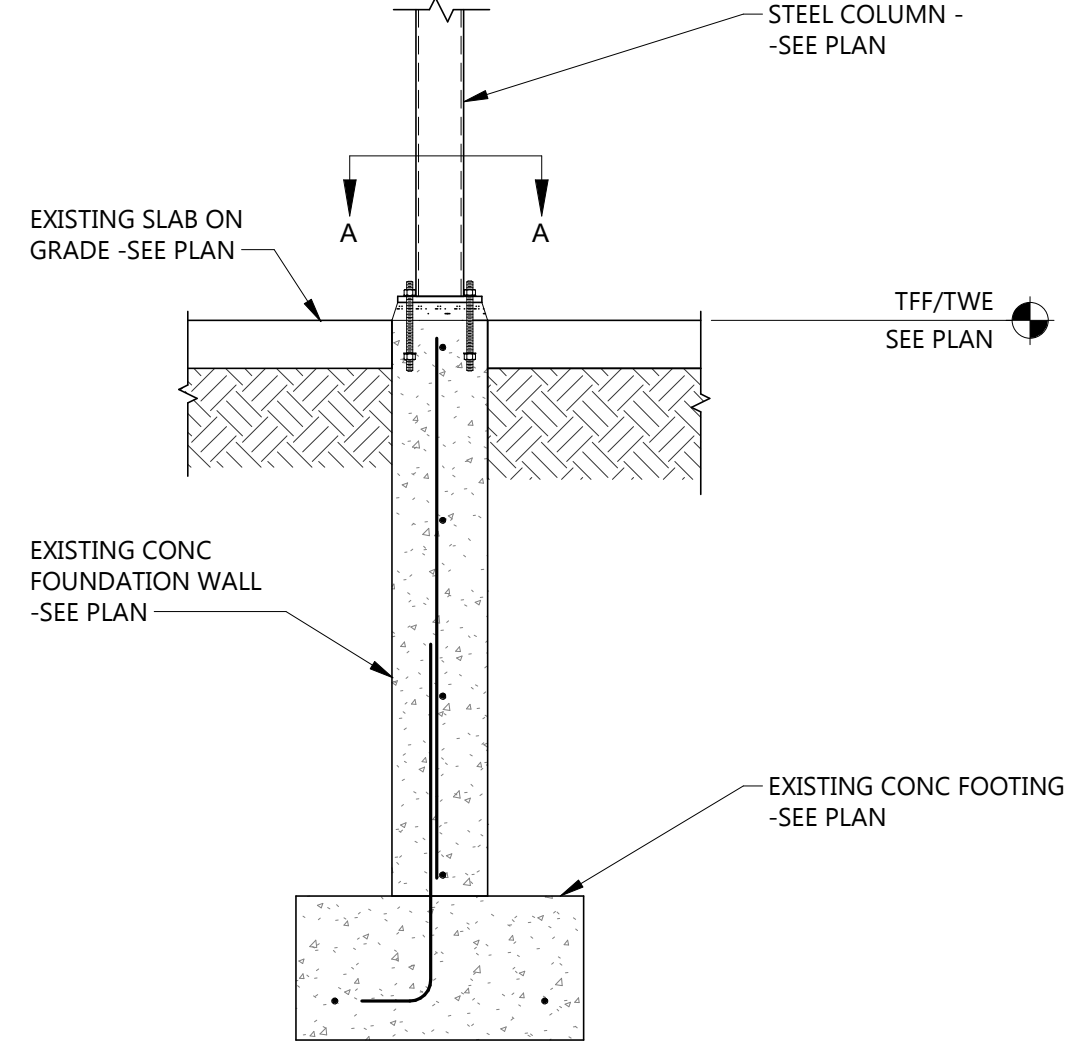
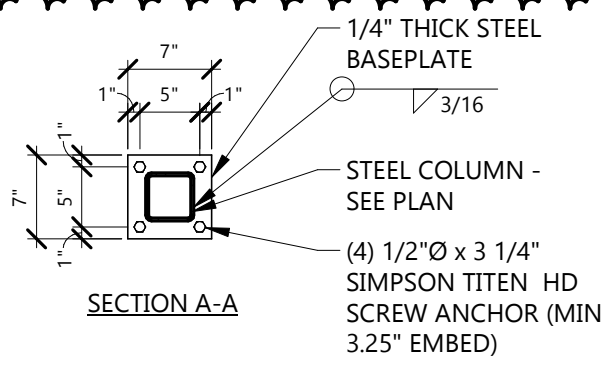
3 TYPICAL STOOP DETAIL
S601 3/4" = 1'-0"



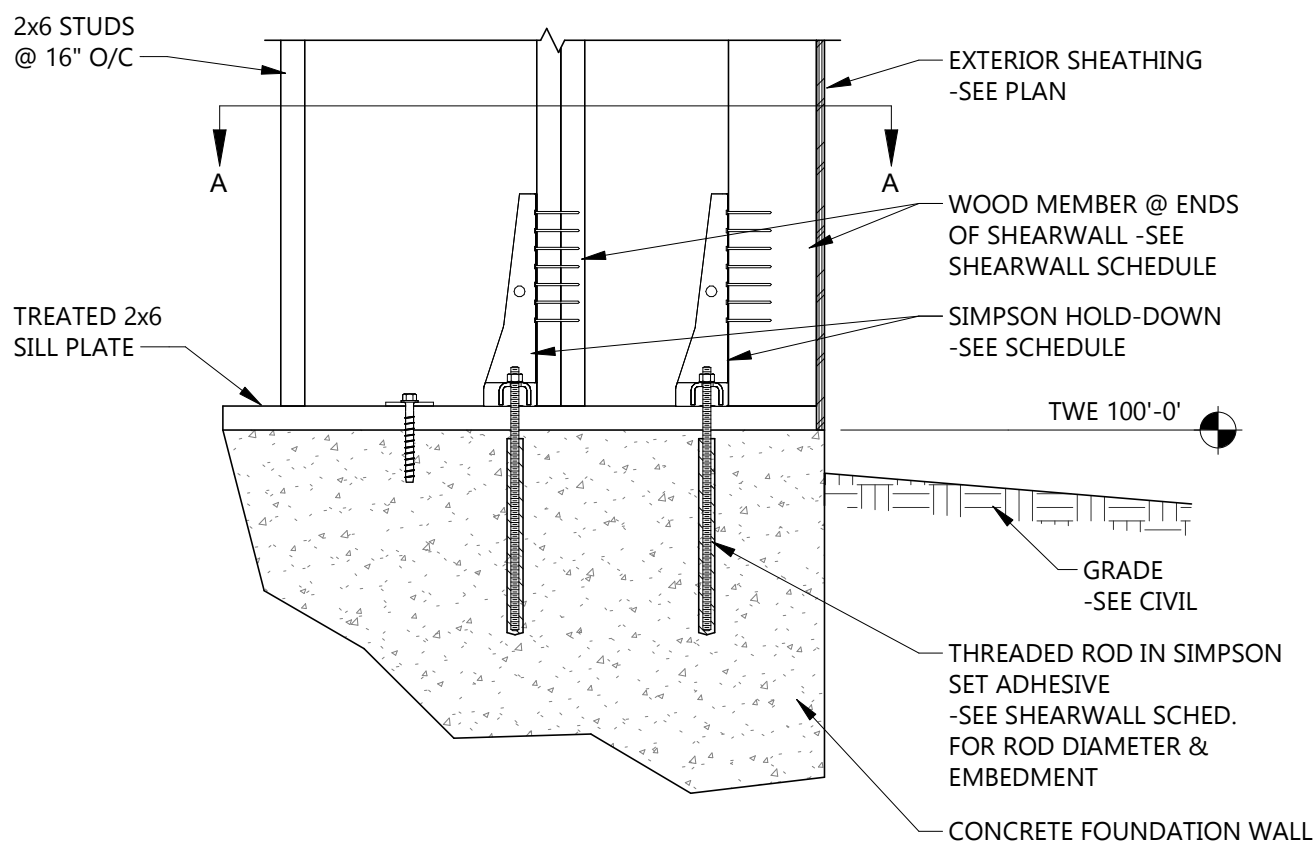
2 TYPICAL FDN CORNERS
S601 3/4" = 1'-0"



1 SLAB CONTROL JOINTS
S601 3/4" = 1'-0"



9 STEEL COLUMN AT FOUNDATION WALL
S601 3/4" = 1'-0"



6 DETAIL AT EXTERIOR WALL HOLD-DOWN 2
S601 1" = 1'-0"

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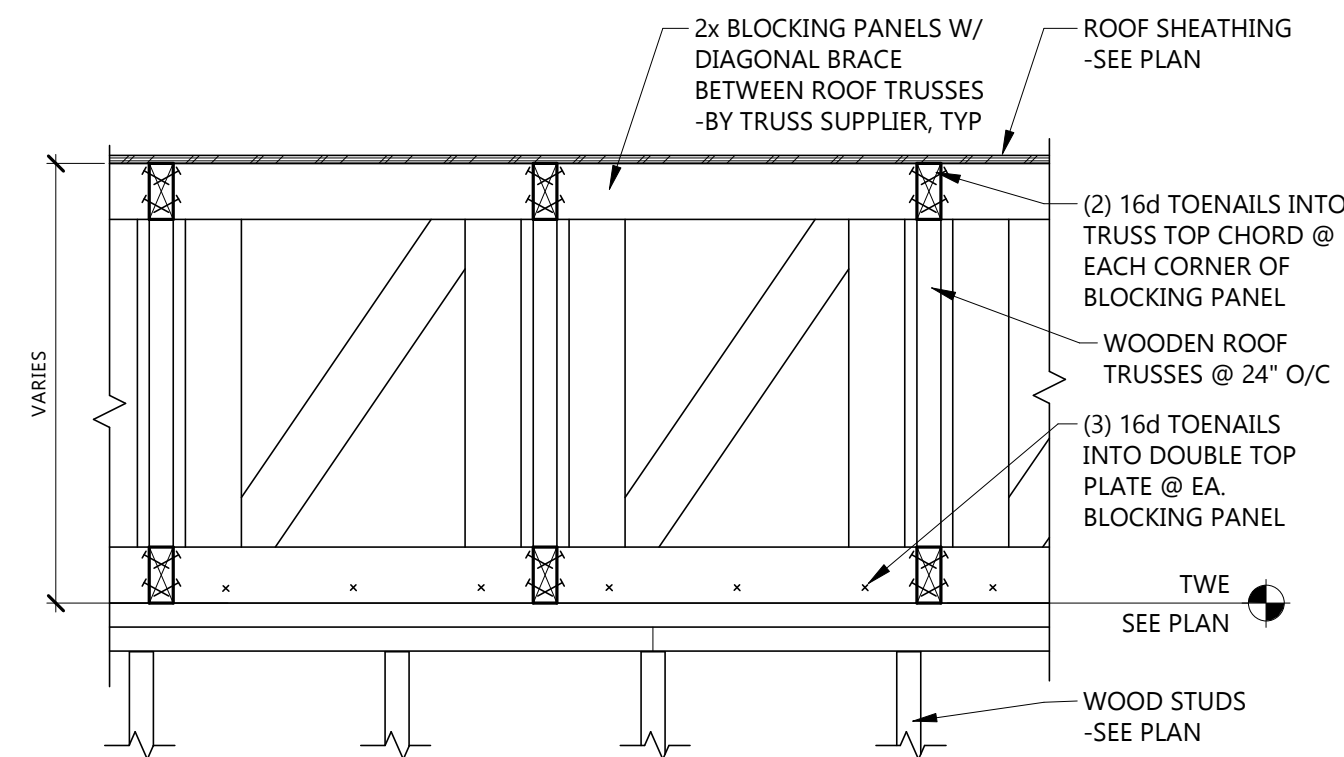
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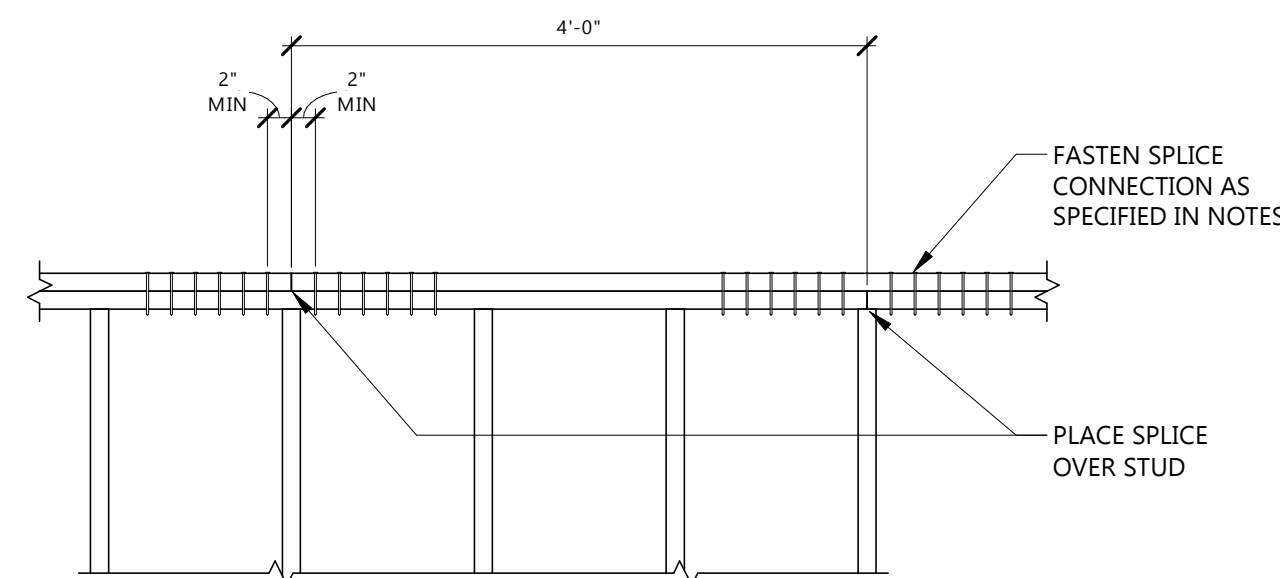
FRAMING DETAILS

S701



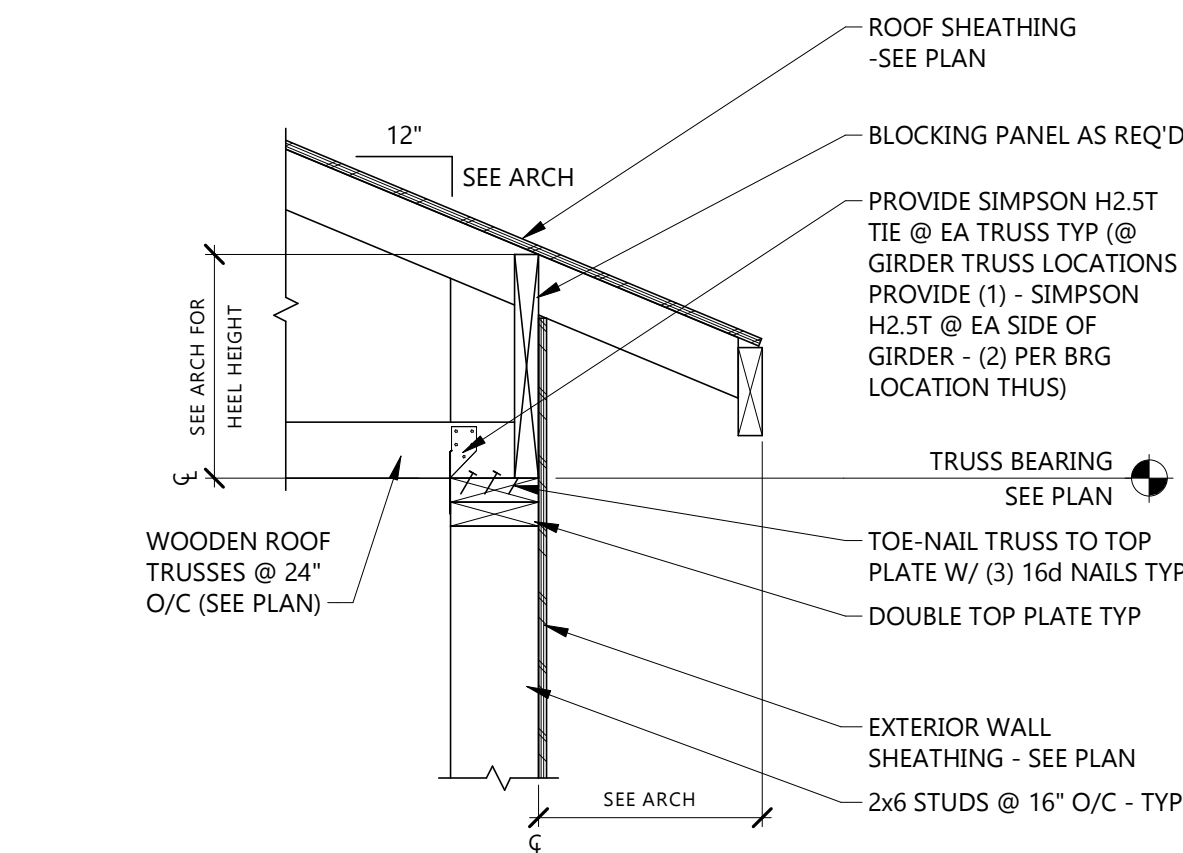
4 TRUSS BLOCKING PANEL

1" = 1'-0"



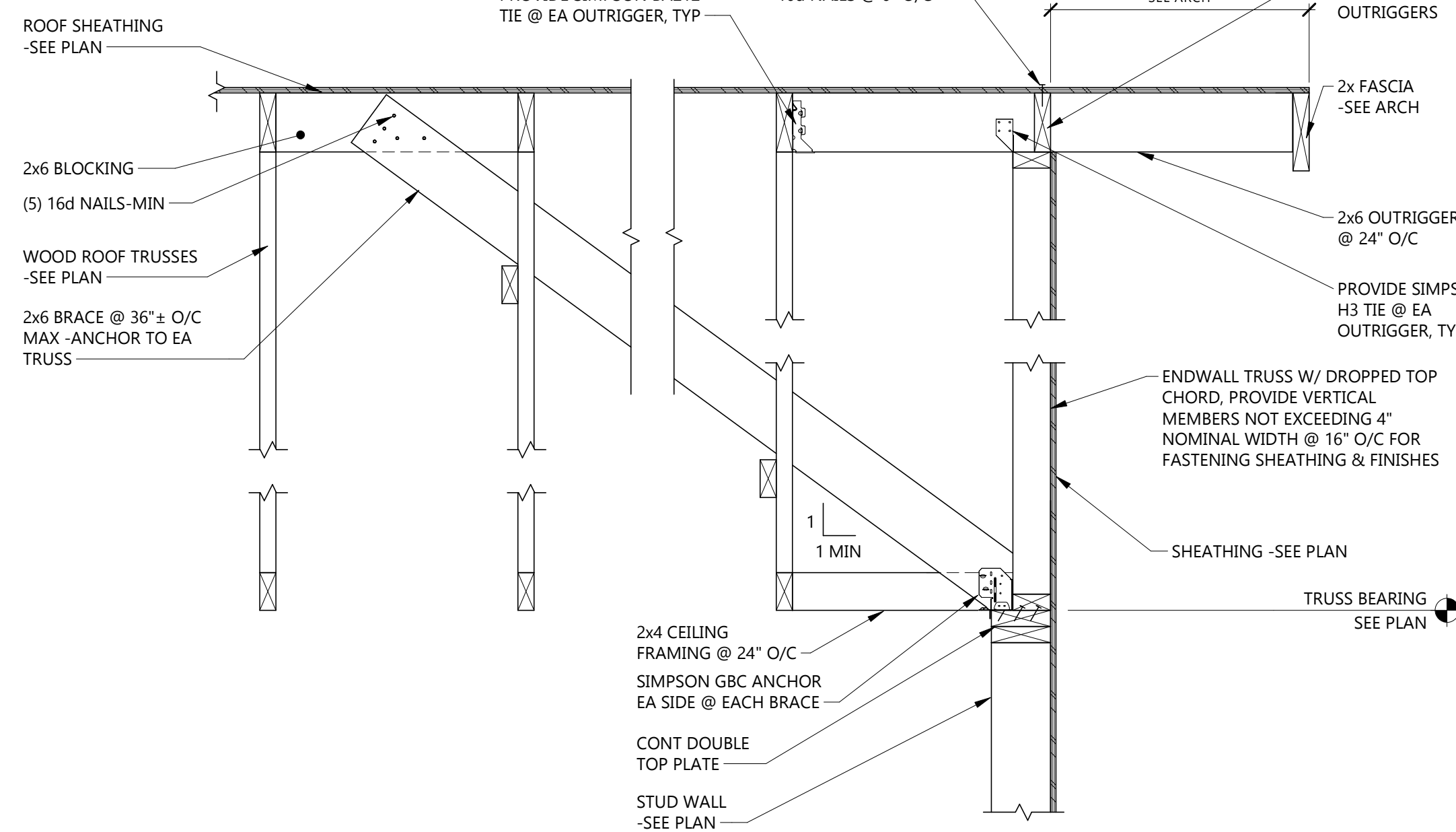
3 WOOD STUD WALL SPLICE DETAIL

3/4" = 1'-0"



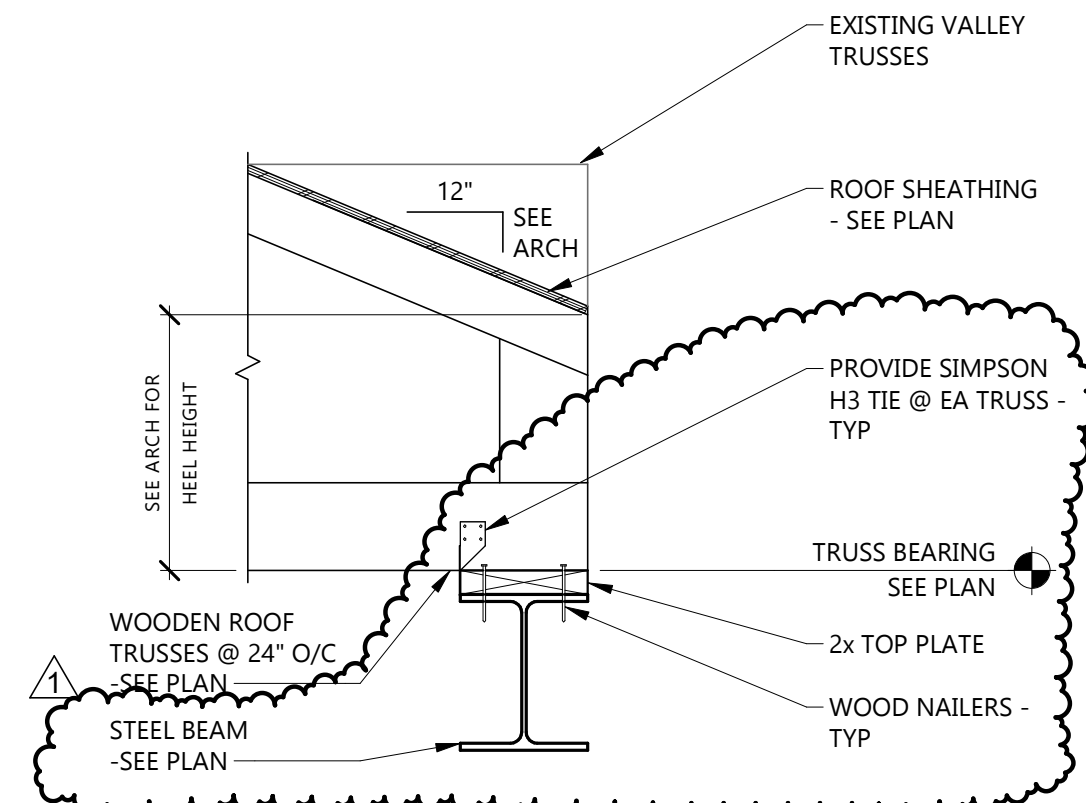
2 TYPICAL TRUSS BEARING DETAIL

1" = 1'-0"



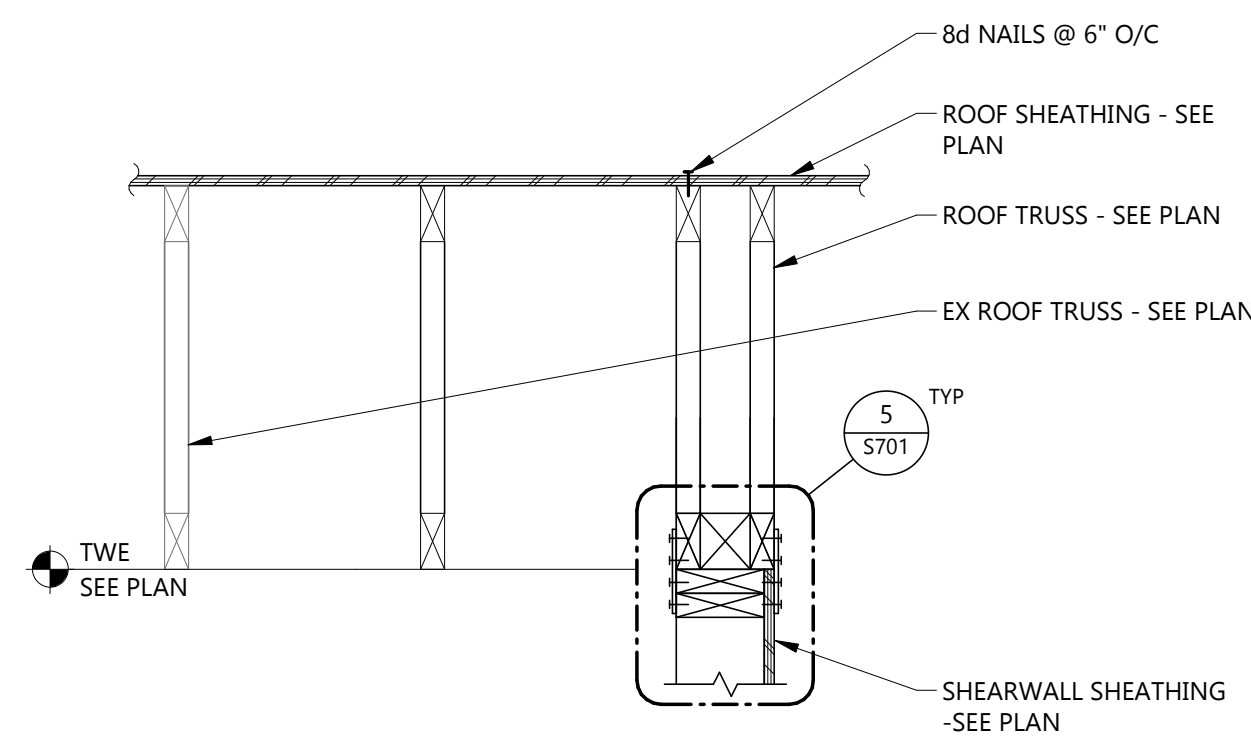
1 END WALL TRUSS BRACING

1" = 1'-0"



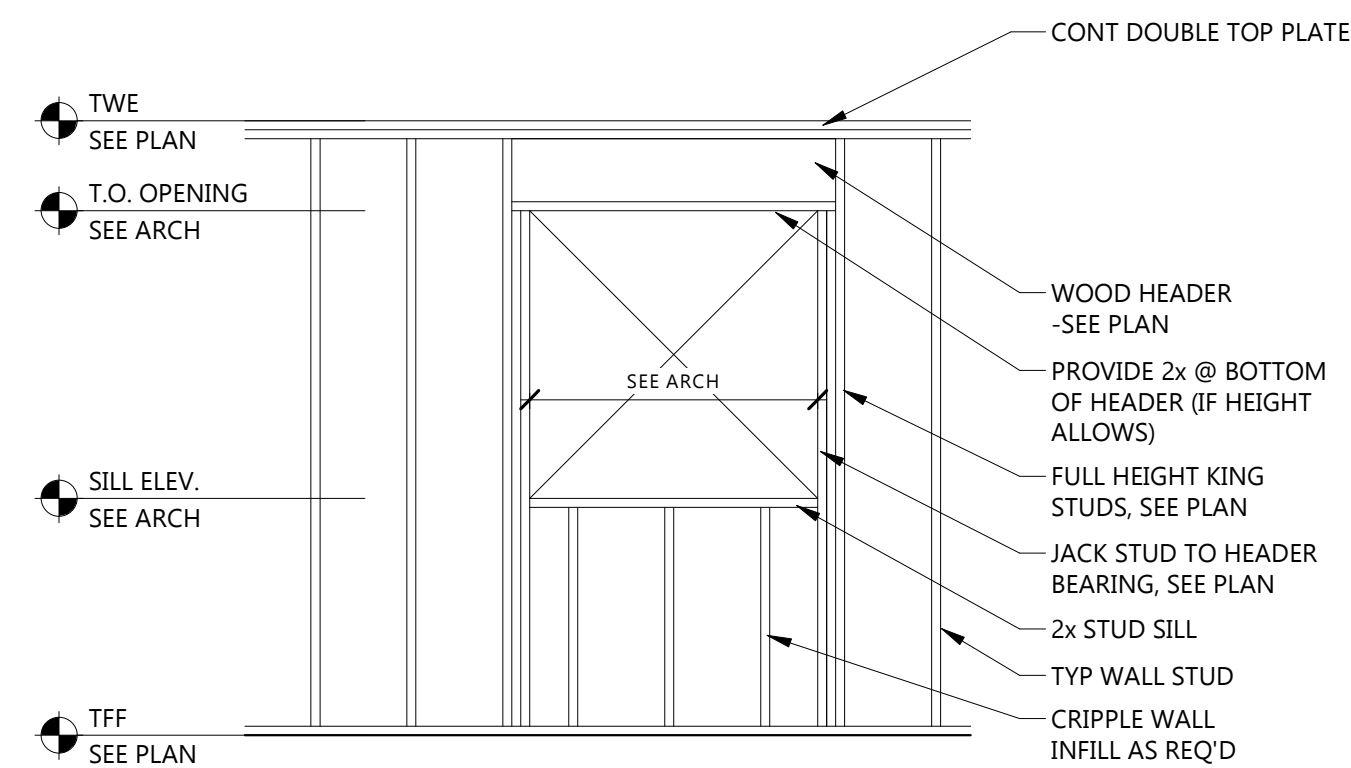
8 TRUSS BEARING @ STEEL HEADER

1" = 1'-0"



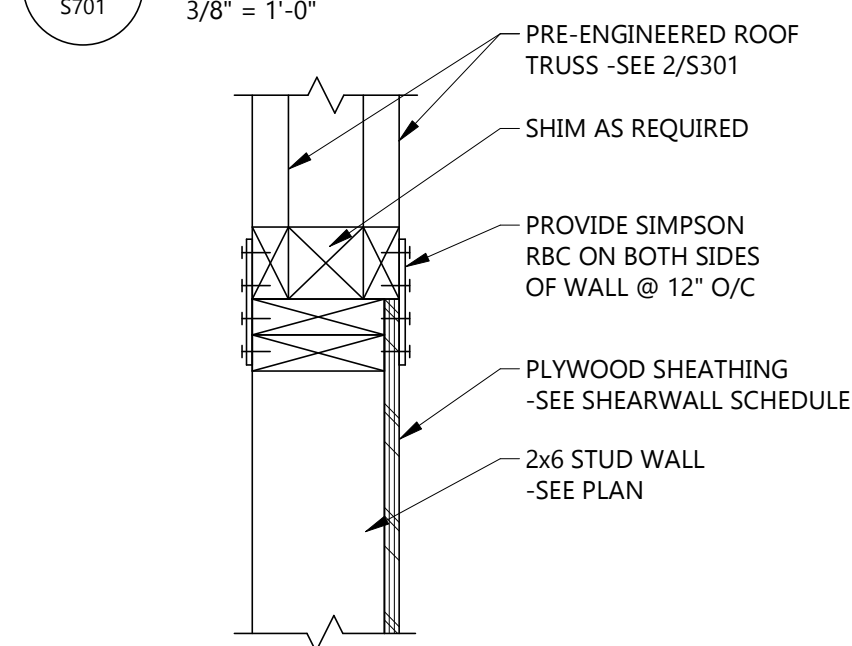
7 SECTIONS @ SHEARWALLS

1" = 1'-0"



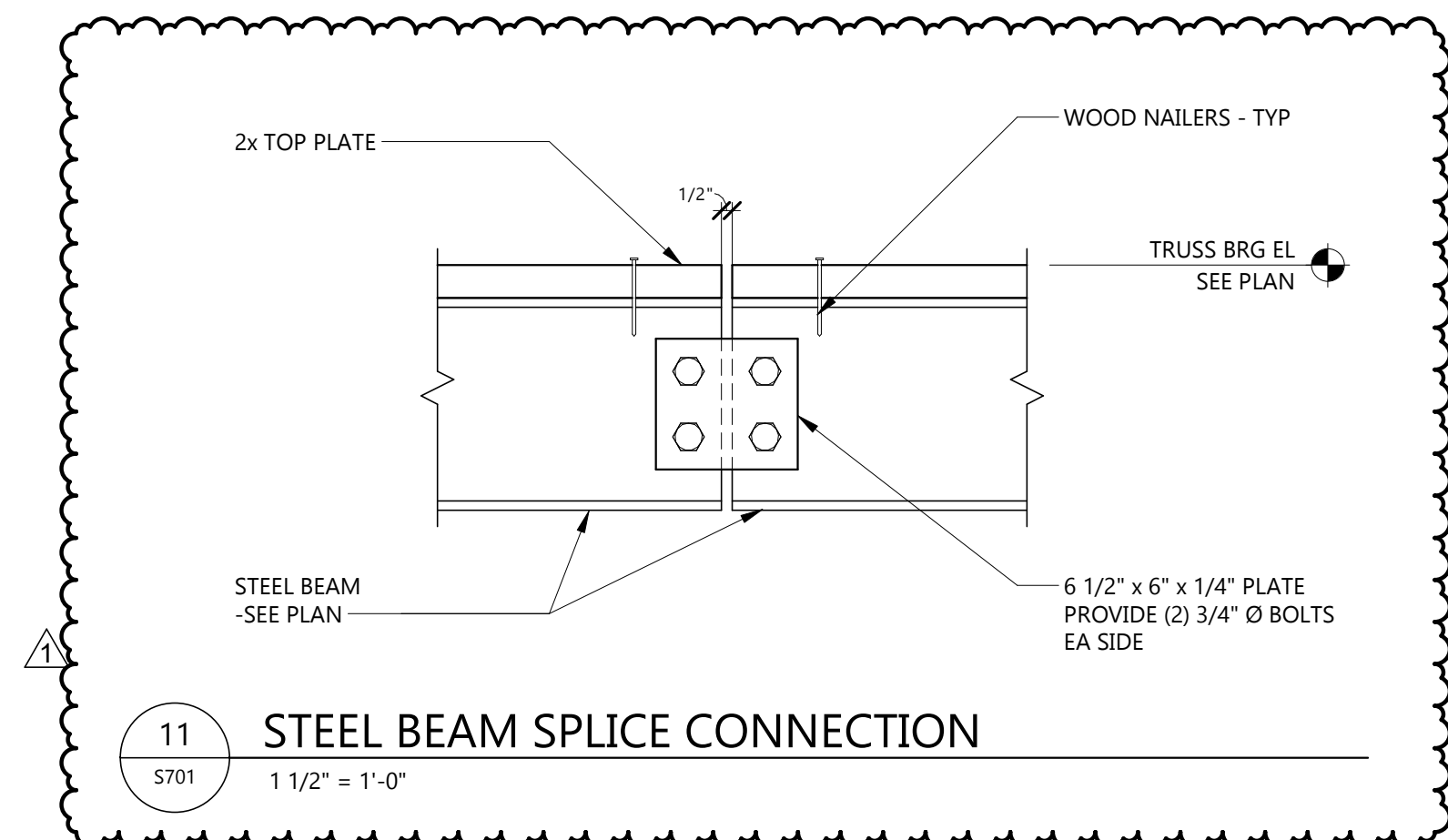
6 WALL FRAMING AT OPENINGS

3/8" = 1'-0"



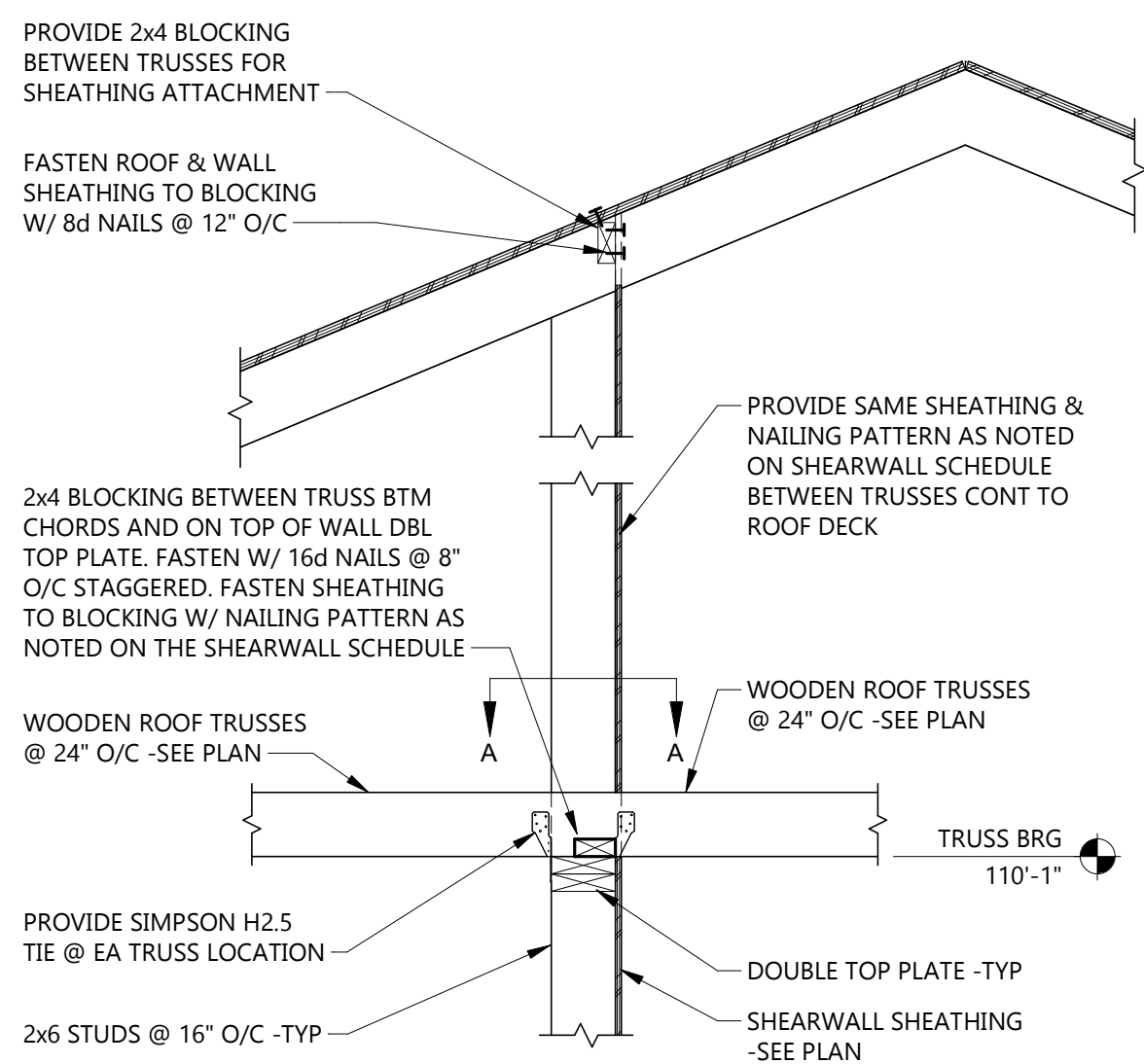
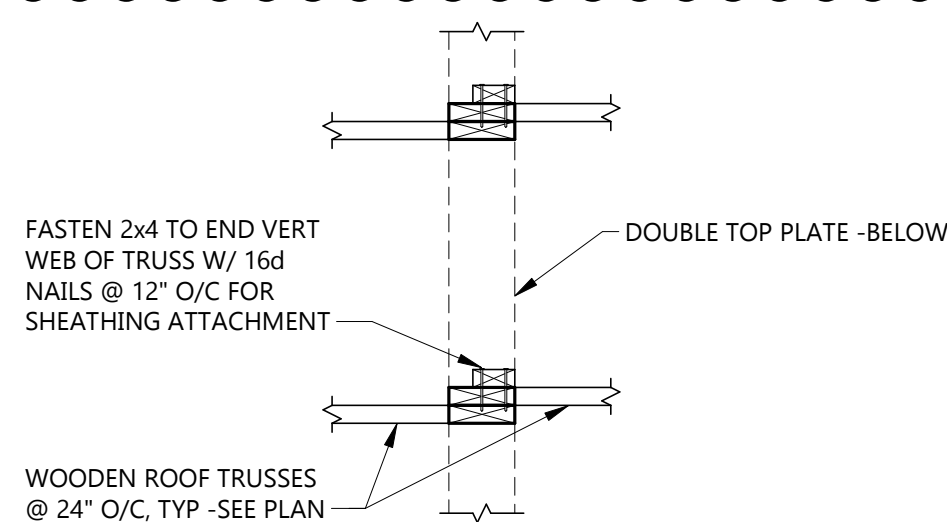
5 TRUSS TO SHEARWALL CONNECTION

1 1/2" = 1'-0"



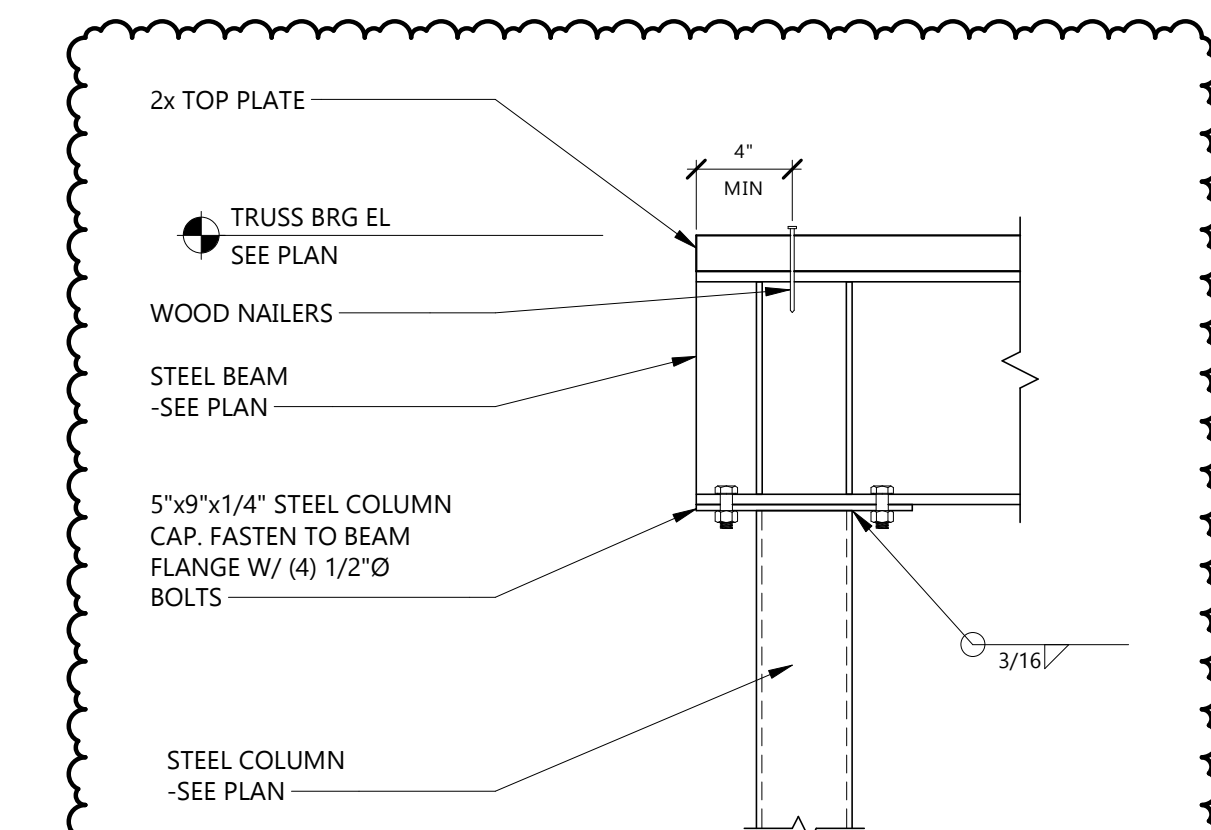
11 STEEL BEAM SPLICE CONNECTION

1 1/2" = 1'-0"



10 INTERIOR TRUSS BEARING DETAIL

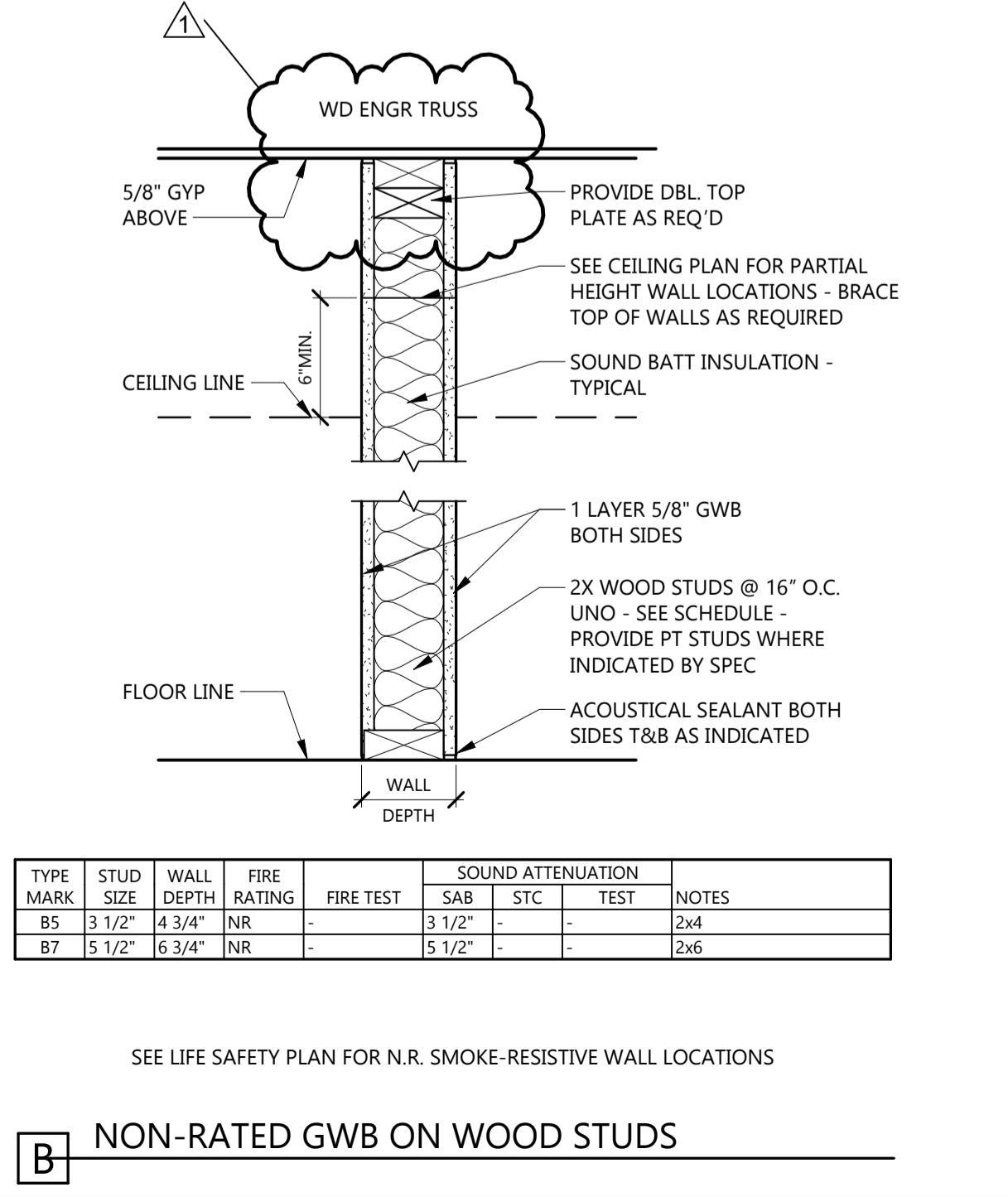
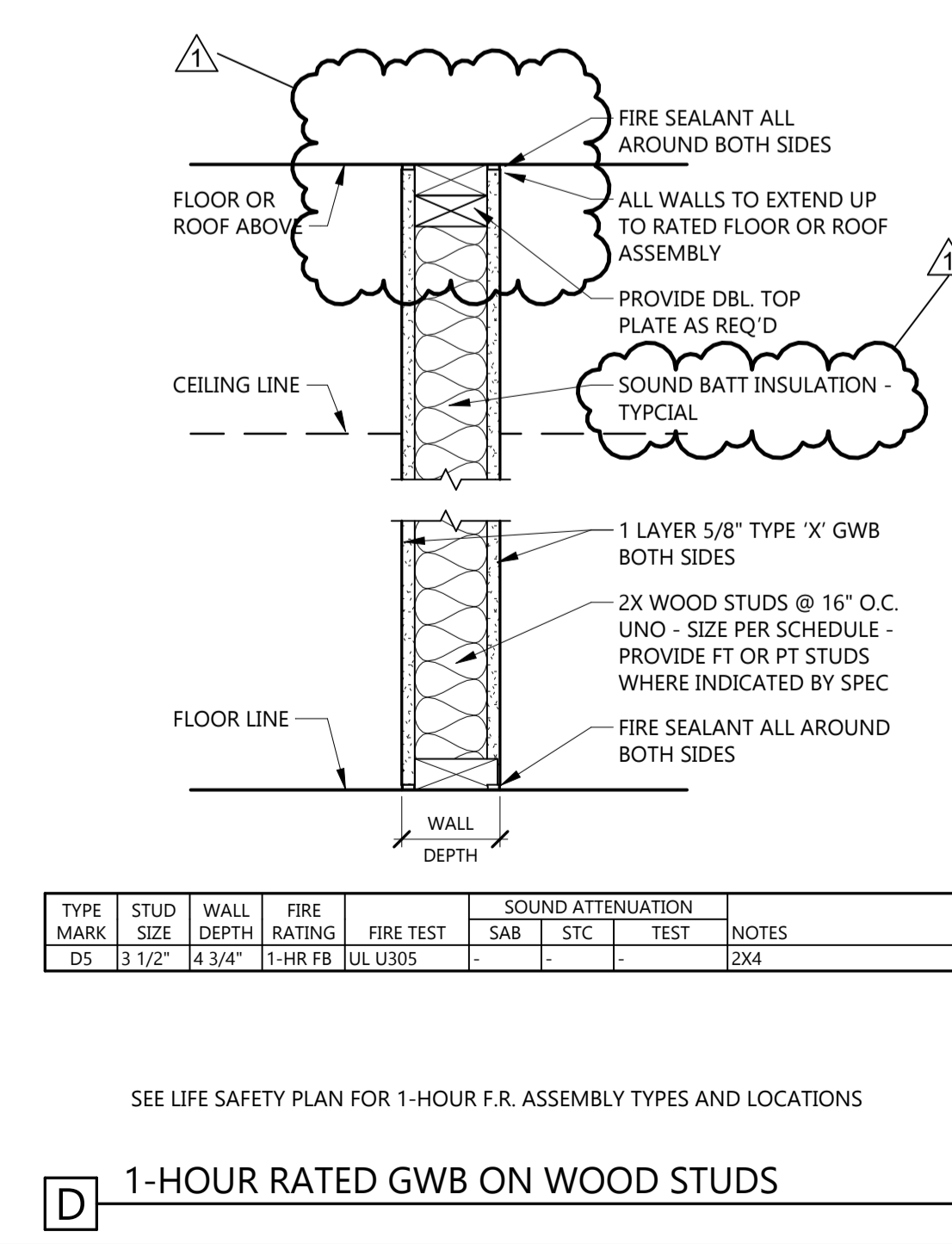
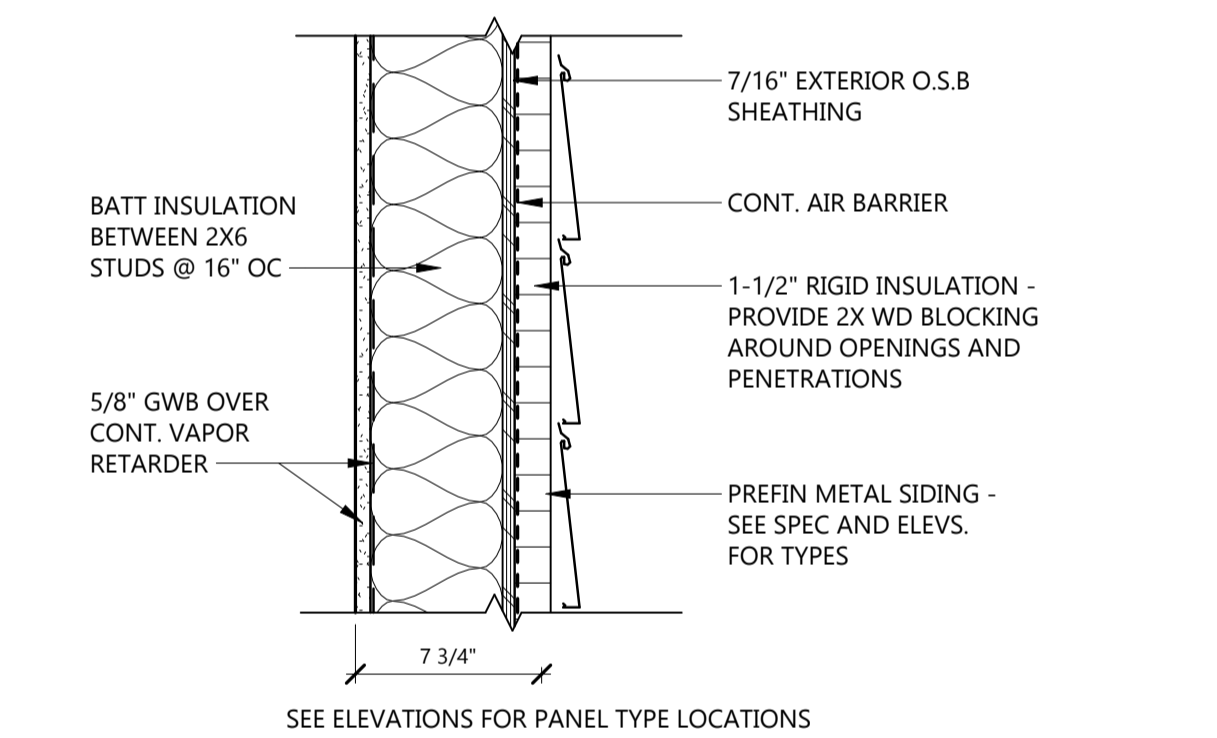
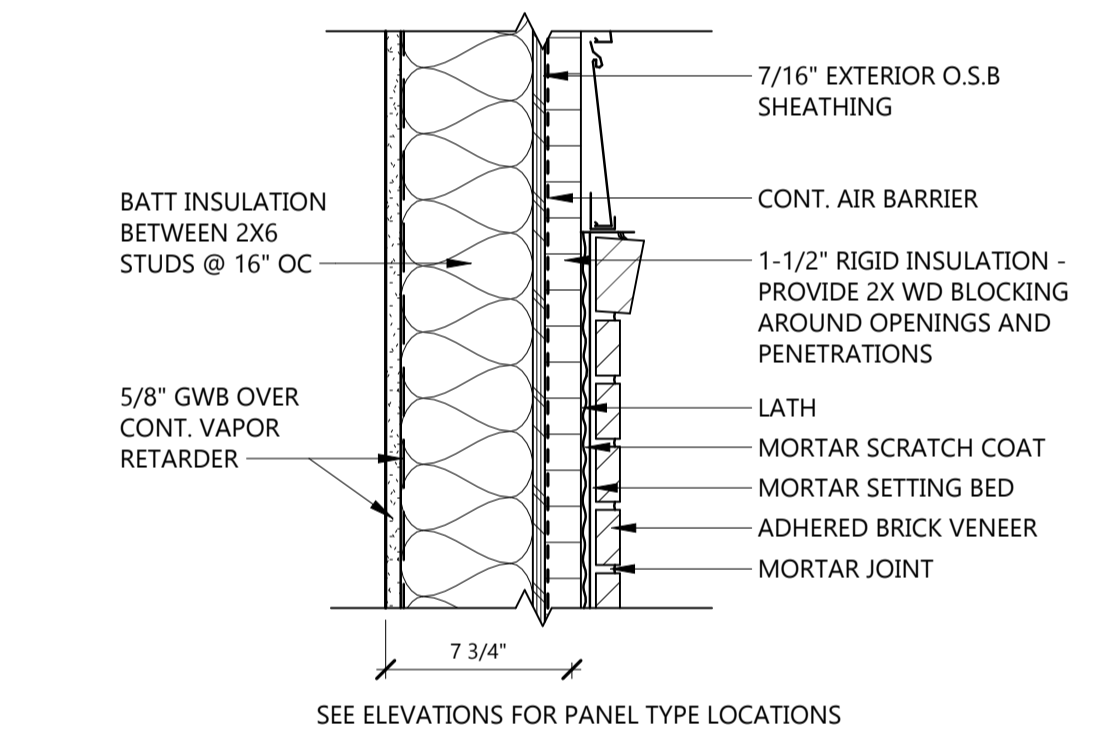
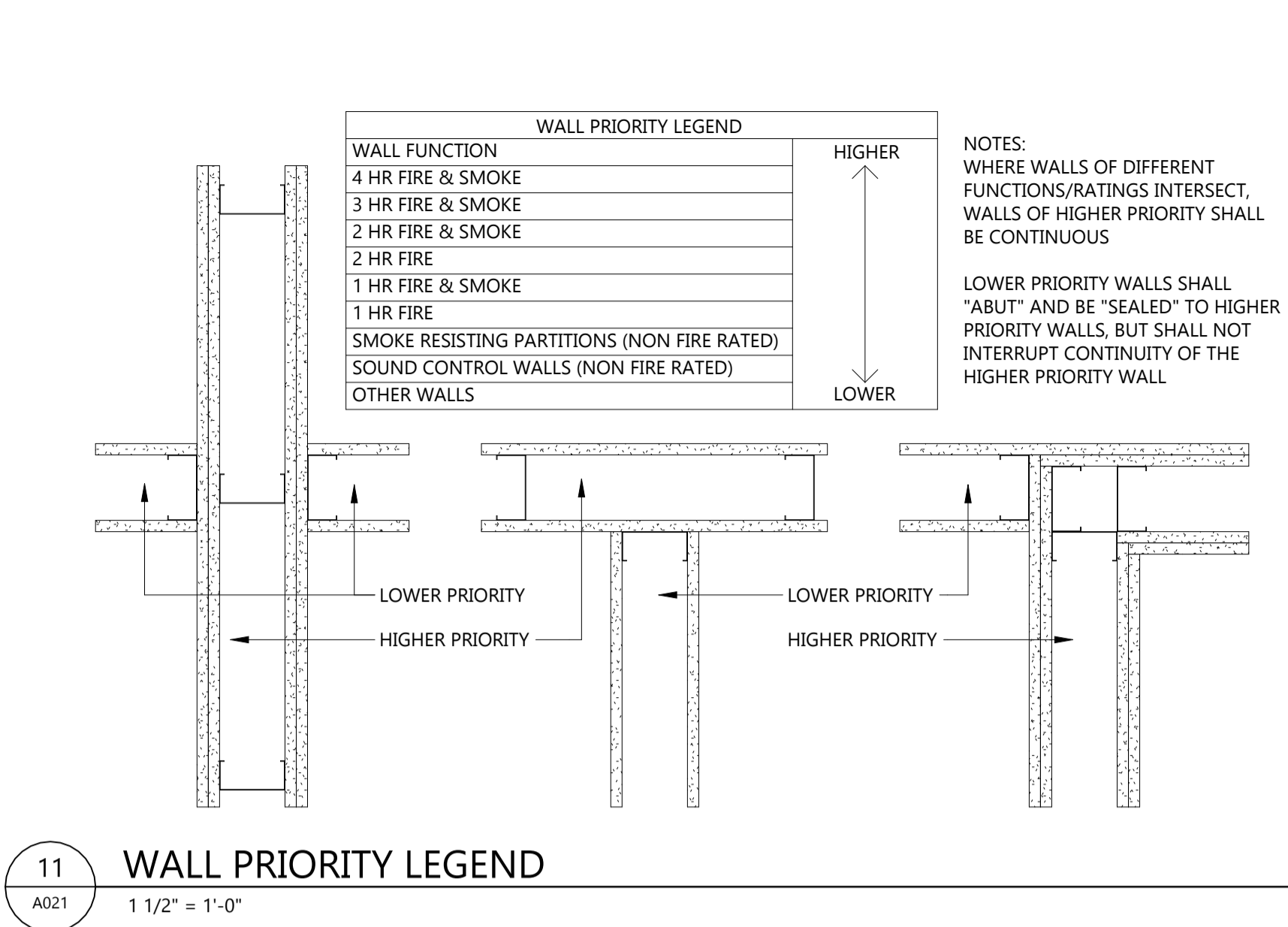
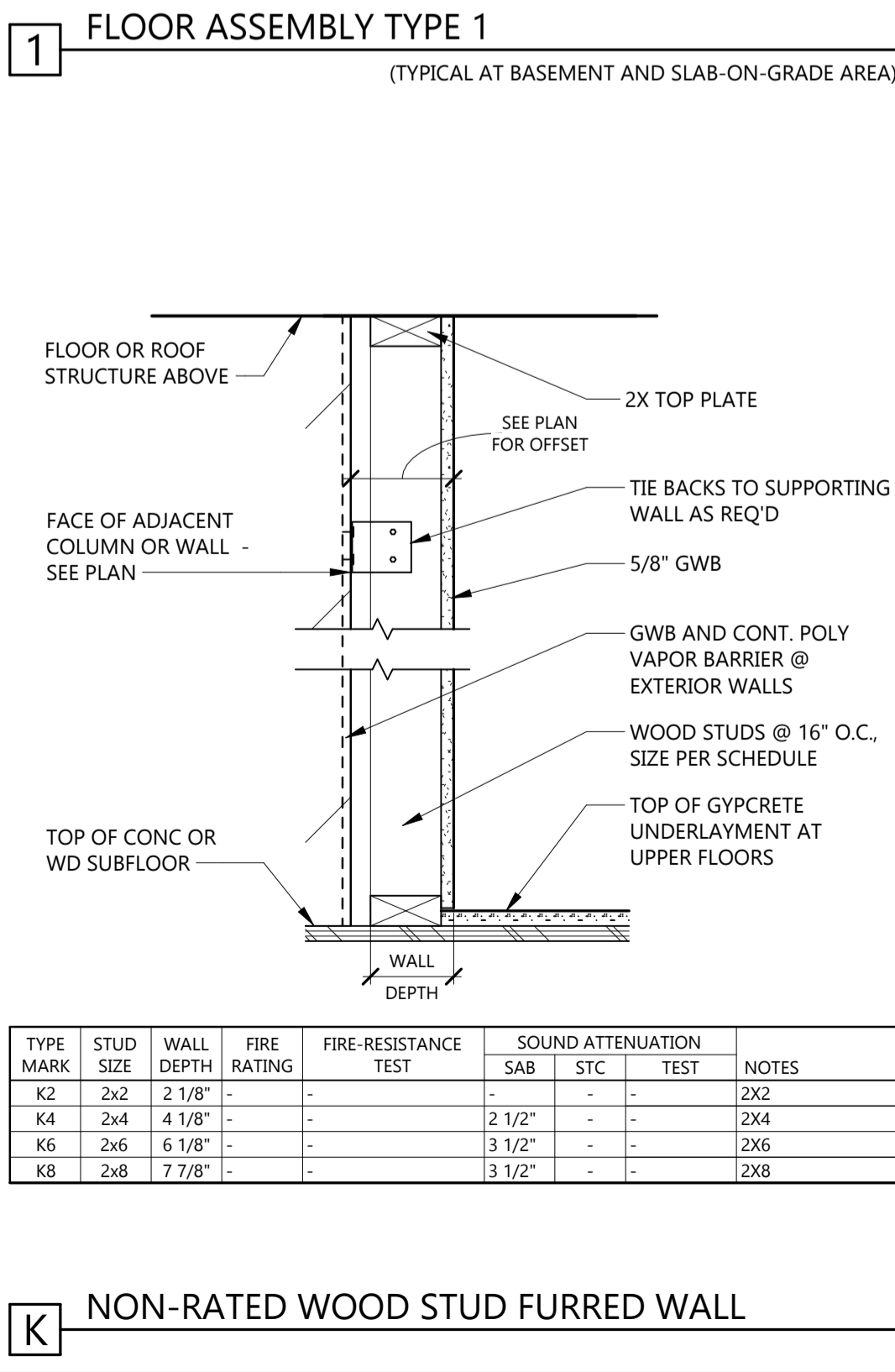
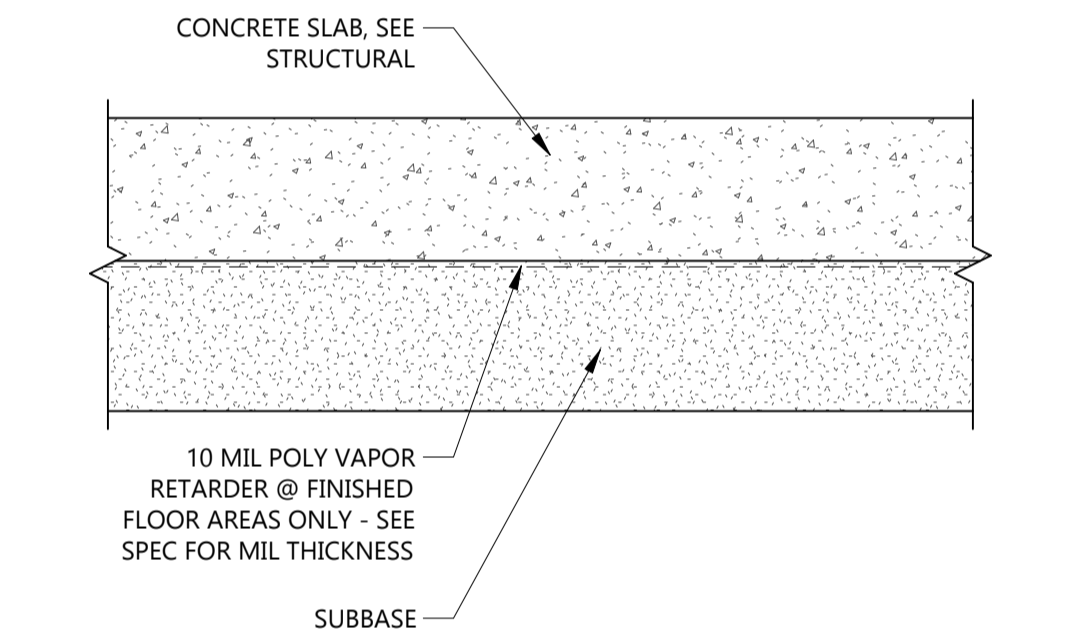
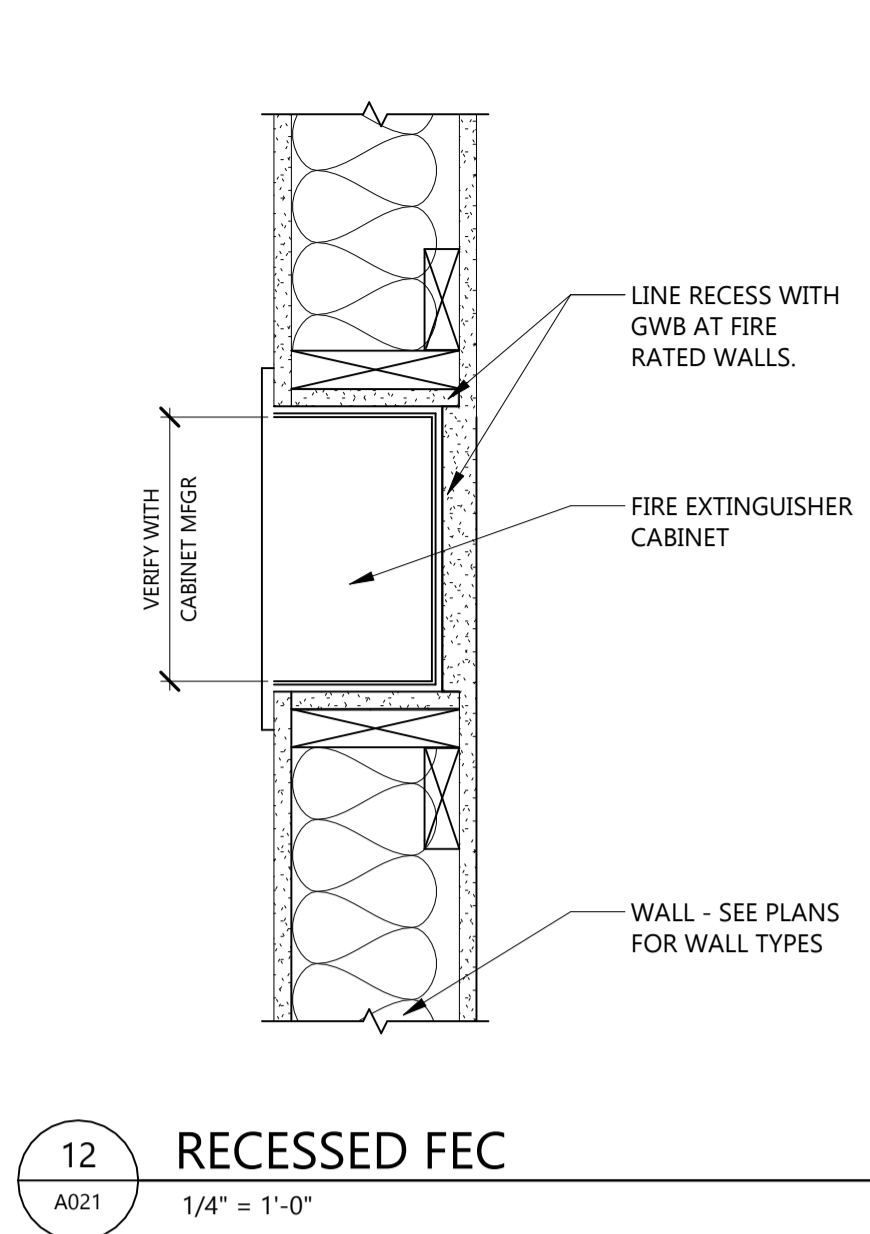
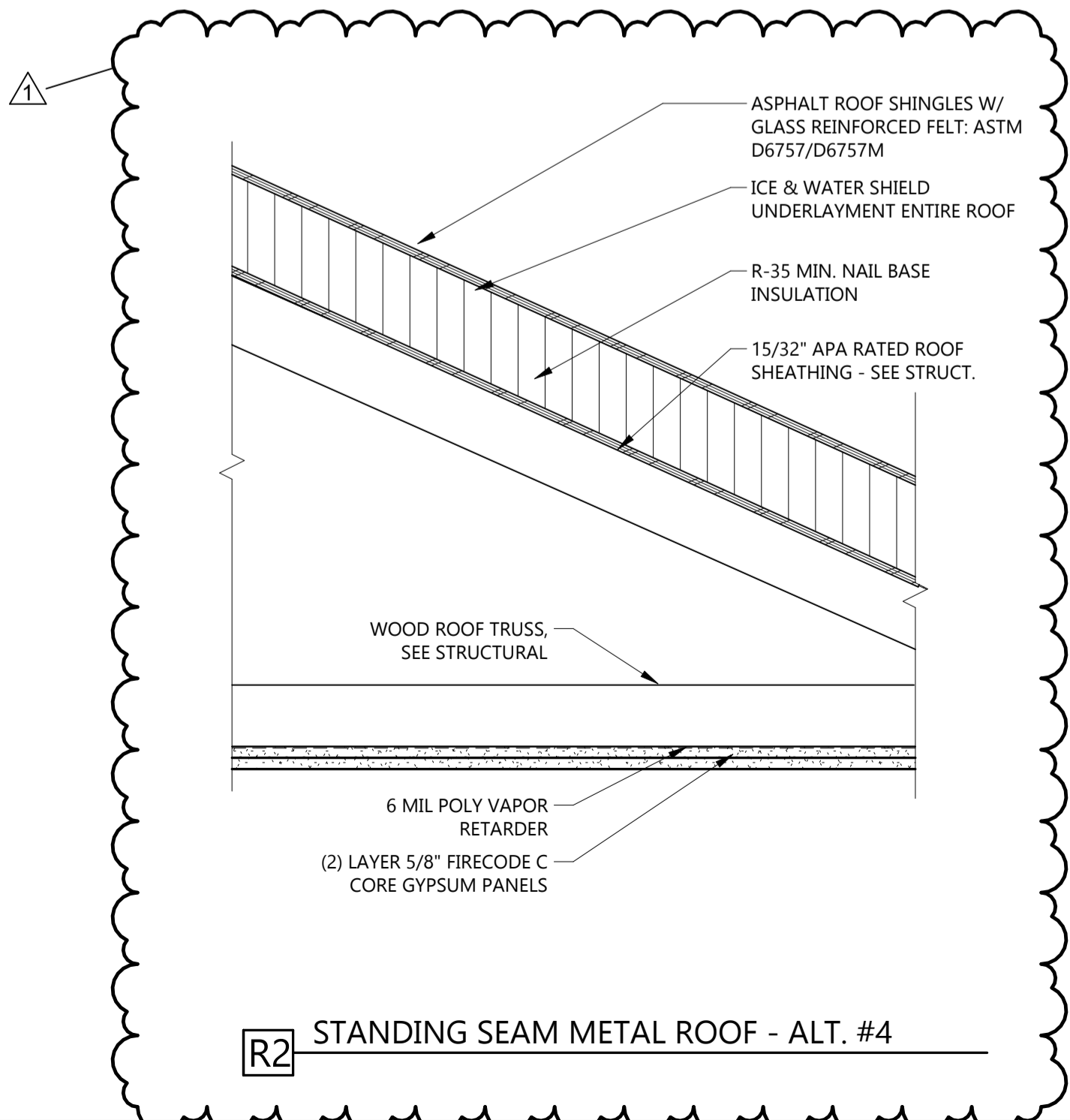
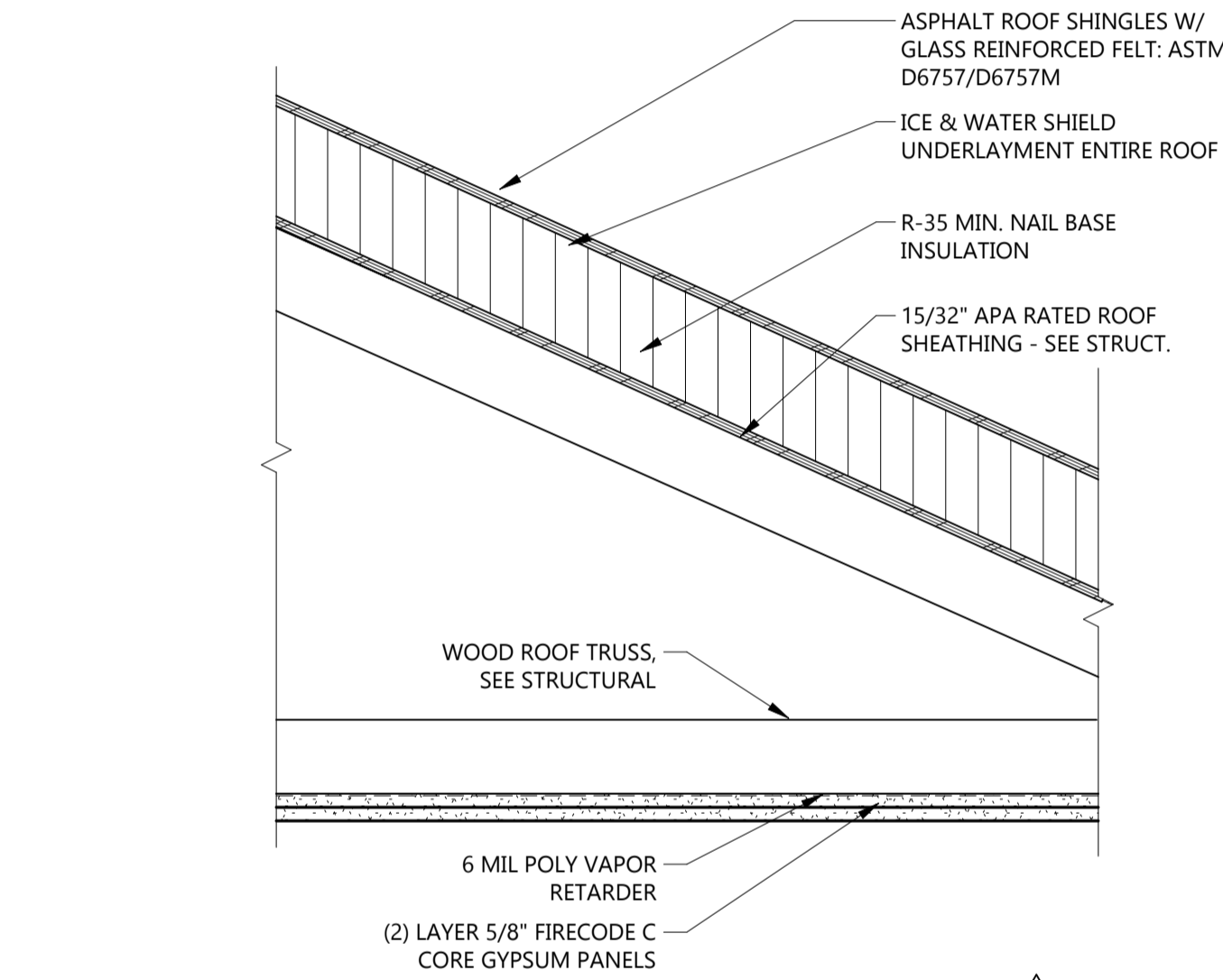
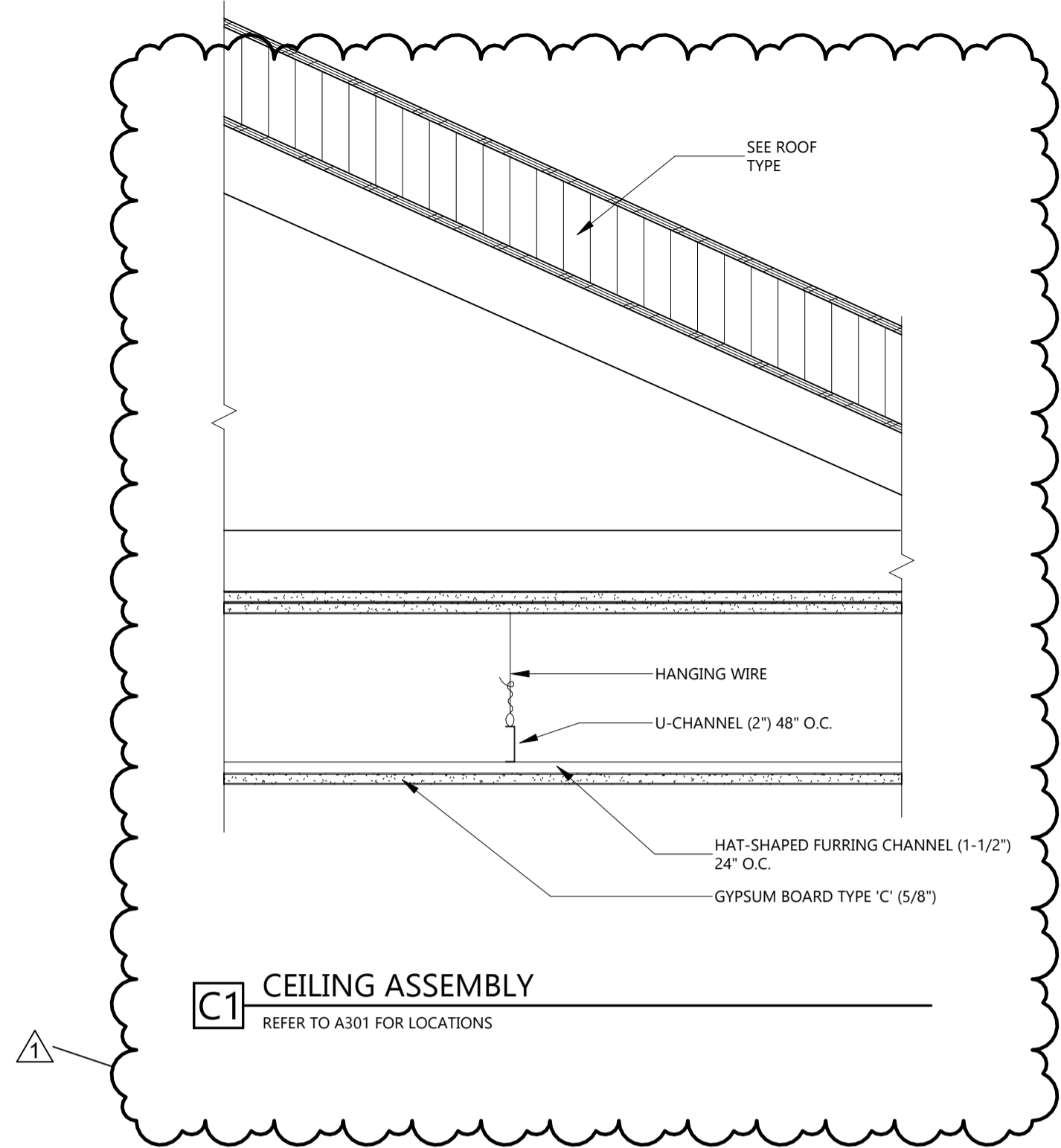
3/4" = 1'-0"



9 STEEL BEAM @ STEEL COLUMN

1 1/2" = 1'-0"

Plot Date: 1/22/2026 12:29:36 PM



GENERAL INTERIOR PARTITION NOTES

- SEE FLOOR PLANS FOR EXTENT OF EACH WALL
- ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH, PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD.
- ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.
- WHERE GYPSUM BOARD EXTENDS TO UNDERSIDE OF STRUCTURE ABOVE, STOP GYPSUM BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL AS REQUIRED.
- REFERENCE FLOOR FINISH PLANS AND WALL FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF WALL PENETRATIONS. SEAL ALL OPENINGS WITH ACOUSTICAL SEALANT.
- PROVIDE FIRE-TREATED WOOD OR STEEL BACKING FOR ALL WALL-MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.

FIRE-RATED PARTITION NOTES:

- ALL PARTITIONS NOTED TO BE FIRE-RESISTANCE RATED SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FIRE RESISTANCE TESTS.
- FIRE-RATED PARTITIONS SHALL BE CONSTRUCTED BEFORE NON-RATED PARTITIONS.
- ALL FIRE-RATED PARTITIONS TO EXTEND FROM TOP OF UNFINISHED FLOOR TO UNDERSIDE OF STRUCTURE ABOVE. SEAL TOP, BOTTOM AND ALL PENETRATIONS WITH FIRE-RATED SEALANT.
- ALL PENETRATIONS IN FIRE-RATED PARTITIONS SHALL BE SEALED WITH MATERIALS, SEALANTS AND/OR ASSEMBLIES WHICH MAINTAIN THE FIRE-RESISTANCE RATING OF THE PARTITION

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PROJECT DESCRIPTION
**MAHNM WE
WITHDRAWAL MGMT
FACILITY**

CITY **MAHNOMEN**
STATE **MN**

ISSUE DATES

1	ADDENDUM #2	01/22/2026
Mark	CONSTRUCTION DOCUMENTS	12/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: **20245580**
DRAWN BY: **EJK**
CHECKED BY: **Checker**

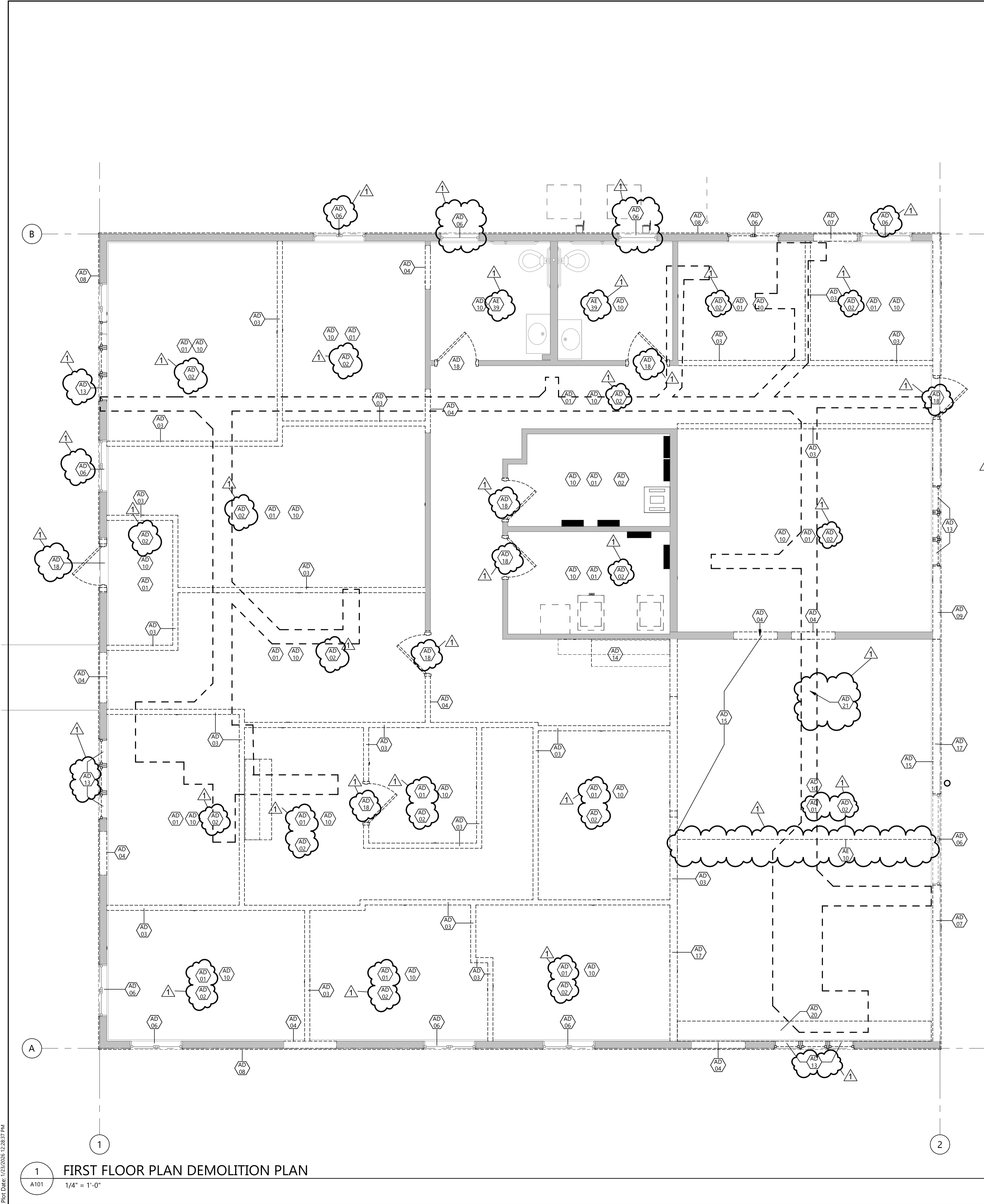
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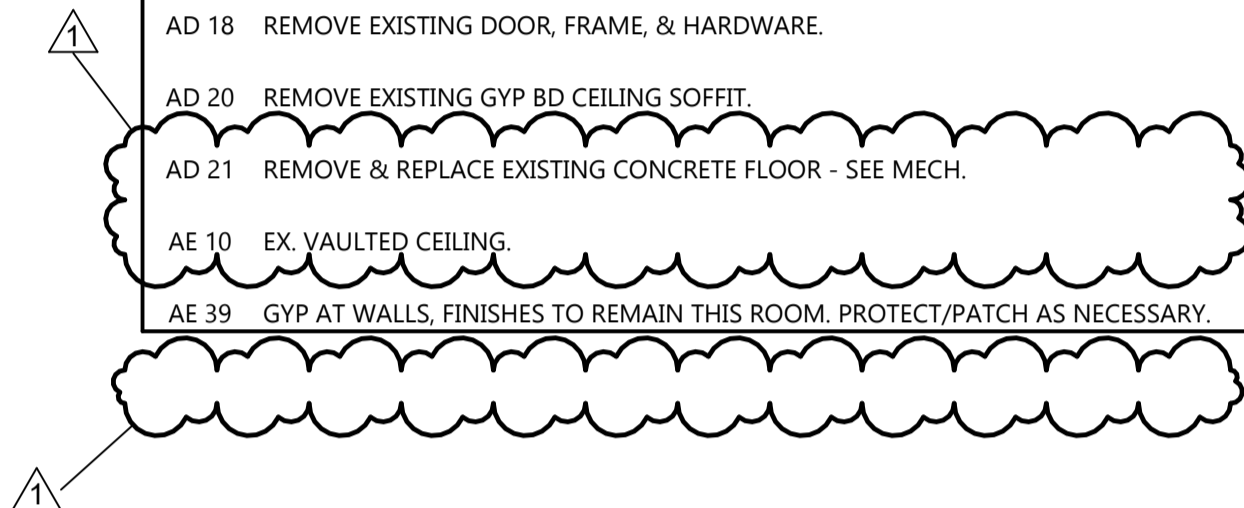
DRAWING TITLE
**WALL, FLOOR AND
ROOF TYPES**

A021



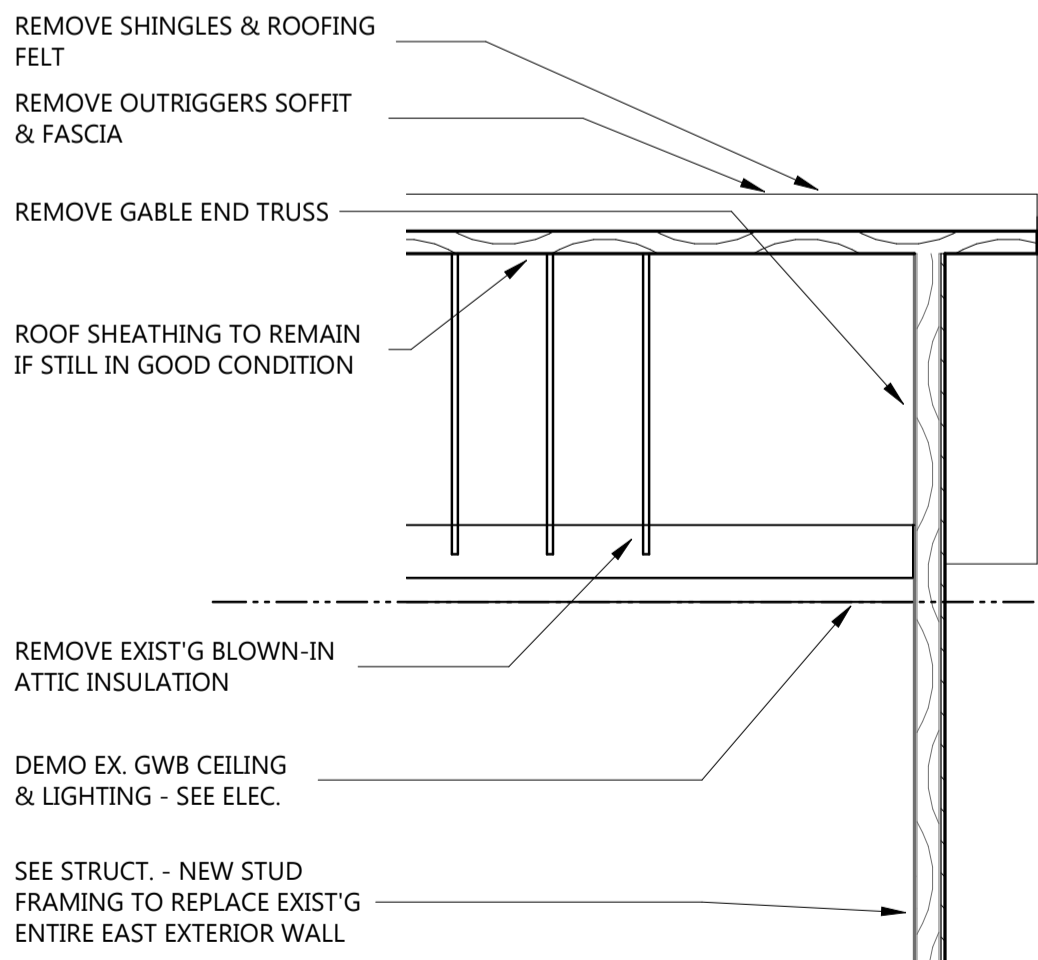
KEYNOTE LEGEND:

- ◻ < < < INDICATES KEYNOTE ON PLAN
- AD 01 REMOVE EXISTING GYP BD CEILING.
- AD 02 REMOVE EXISTING FLOOR FINISH AND BASE.
- AD 03 REMOVE EXISTING WOOD STUD WALL - SEE STRUCT FOR BRG LOCATIONS.
- AD 04 REMOVE PORTION OF EXISTING WOOD STUD WALL FOR NEW DOOR OR OPENING.
- AD 06 BASE BID: WDW TO REMAIN. ADD ALT #02: REMOVE WDW, FRAME & HARDWRE; REPLACE.
- AD 07 REMOVE EXISTING EXTERIOR WALL CONSTRUCTION FOR NEW OPENING.
- AD 08 REMOVE EXISTING SIDING AND INSULATION - ALT #01.
- AD 09 REMOVE EXISTING SIDING AND INSULATION ON EX. EXTERIOR WALL.
- AD 10 REMOVE EXISTING ATTIC INSULATION.
- AD 13 REMOVE EXISTING WDW, FRAME, & HARDWRE. INFILL TO MATCH.
- AD 14 REMOVE EXISTING CASEWORK.
- AD 15 WALL IS ASSUMED TO BE STRUCTURAL LOAD BEARING - REFER TO STRUCTURAL FOR NEW OR UPDATED SHEAR WALL CONDITIONS.
- AD 17 SEE STRUCTURAL FOR EXISTING BEARING WALLS AND DEMOLITION - VERIFY W ARCH & STRUCT PRIOR TO DEMOLITION OF ANY BEARING CONDITIONS.
- AD 18 REMOVE EXISTING DOOR, FRAME, & HARDWARE.
- AD 20 REMOVE EXISTING GYP BD CEILING SOFFIT.
- AD 21 REMOVE & REPLACE EXISTING CONCRETE FLOOR - SEE MECH.
- AE 10 EX. VAULTED CEILING.
- AE 39 GYP AT WALLS, FINISHES TO REMAIN THIS ROOM. PROTECT/PATCH AS NECESSARY.



GENERAL DEMOLITION NOTES:

1. DASHED LINES INDICATE DEMOLITION ITEMS. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN. ALSO REFER TO SHEET A001 FOR SYMBOLS AND ABBREVIATIONS.
2. ALL DEMOLITION WORK AND TEMPORARY INSTALLATIONS SHALL BE ACCOMPLISHED AS SPECIFIED.
3. CONTRACTOR TO PROVIDE SECURE DOORS IN TEMP PARTITIONS AS NECESSARY TO MAINTAIN BUILDING SECURITY. PROVIDE CLEAR ROUTES TO EXITS FROM WORK AREA. FIELD VERIFY EXISTING CONDITIONS OF EACH FLOOR AND AREA TO BE DEMOLISHED.
4. DEMOLITION PLANS REPRESENT APPROXIMATE LOCATION OF EXISTING WALLS TO BE DEMOLISHED. FIELD VERIFY TYPE OF CONSTRUCTION AND HEIGHT OF WALLS. PLANS DO NOT NECESSARILY INDICATE ALL DEMO WALLS, COUNTERS, HANDRAILS, WALL PROTECTION, CLOSETS, SINKS, ETC. PRIOR TO DEMOLITION FIELD VERIFY THAT WALLS TO BE REMOVED DO NOT PROVIDE SUPPORT FOR EXISTING BUILDING ELEMENTS AND EXISTING CONSTRUCTION TO REMAIN. NOTIFY A/E IF DEMOLITION WALLS SUPPORT EXISTING BUILDING ELEMENTS.
5. REMOVE WALL COVERINGS ON EXISTING WALLS TO REMAIN THAT FACE AREAS OF DEMOLITION. REMOVAL SHALL INCLUDE ANY RESIDUAL MATERIAL AFTER DEMOLITION, I.E. PIECES OF WALL COVERING OR BACKING. REMOVAL OF WALL COVERINGS IS TO BE DONE W/O DAMAGING THE EXISTING WALL SURFACE TO REMAIN. ALSO REMOVE WALL DEVICES AND ITEMS MOUNTED TO WALLS.
6. FIELD VERIFY EXISTING MATERIALS IN AREAS OF DEMOLITION.
7. REMOVE ALL MECHANICAL AND ELECTRICAL EQUIPMENT, DEVICES AND ASSOCIATED ELEMENTS AS INDICATED IN MECH AND ELEC DRAWINGS. FIELD VERIFY THE PRESENCE OF MECHANICAL AND ELECTRICAL PIPES, CONDUIT, ETC. IN ALL WALLS TO BE DEMOLISHED.
8. CONTRACTOR TO PROVIDE DEMOLITION IMPLEMENTATION PLANS AND SCHEDULE. NOTIFY OWNER IF ANY OPERATIONAL DISRUPTIONS OF ADJACENT OCCUPANTS ARE REQUIRED TO PERFORM NEW WORK (INCLUDING BUT NOT LIMITED TO: MECHANICAL, PLUMBING, FIRE SUPPRESSION, AND ELECTRICAL DISRUPTIONS).
9. CONTAIN DUST AND DEBRIS WITHIN THE DEMOLITION AREA.
10. DEMOLISH AND REMOVE DOORS, VINYL BASE, CONDUIT, WIRING, DUPLEXES, TELEPHONE OUTLETS, CABLES, SHELVING, METAL STUDS, AND GYPSUM BOARD WALLS, CLOSETS, CABINETS, FILES, COUNTERS, WOOD MOULDING, SHELVES AND ENCLOSURES WHERE APPLICABLE.
11. DEMOLISH AND REMOVE CARPET, PAD, TACK STRIP, AND RESILIENT BASE. REMOVE ALL FLOOR MATERIALS INCLUSIVE OF SETTING BEDS, SUBFLOOR MATERIAL ETC. REMOVE MASTIC TO PROVIDE A CLEAN FLOOR THAT IS ACCEPTABLE TO THE SUBCONTRACTOR INSTALLING NEW FINISH MATERIAL. SPACES RECEIVING WALL DEMOLITION WILL ALSO HAVE FLOOR FINISH DEMOLITION UNO.
12. DEMOLISH AND REMOVE SUSPENDED ACOUSTIC LAY-IN, SPLINE, OR GYPSUM/PLASTER CEILING INCLUSIVE OF HANGERS AND CARRYING CHANNELS, WIRES, CABLES, CONDUIT, ADHERED CEILING TILES, FLEX CONDUIT, ELECTRICAL BOXES, SMOKE DETECTORS, LIGHT FIXTURES, AND WIRING, DUCT WORK, PIPING AND SUPPORT HANGERS. CUT HANGERS FLUSH. SPACES RECEIVING WALL DEMOLITION WILL ALSO HAVE CEILING DEMOLITION UNO.
13. PRIOR TO COMMENCEMENT OF DEMOLITION OPERATIONS, CONTRACTOR SHALL IDENTIFY ALL UTILITIES TO REMAIN.
14. DEMOLITION FOR THE FLOOR AREAS SHALL ENCOMPASS THE SPACE FROM THE TOP OF THE CONCRETE FLOOR TO THE UNDERSIDE OF THE EXISTING INTERSTITIAL STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
15. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF ACCORDING TO FEDERAL STATE AND LOCAL REGULATIONS.
16. CONTRACTOR SHALL PERFORM WORK IN A MANNER THAT DOES NOT DAMAGE THE EXISTING STRUCTURE. DEMOLITION SHALL NOT COMPROMISE THE STRUCTURAL INTEGRITY OF ANY WALLS, FLOORS, CEILING, SUPPORTS, STRUCTURE, ETC. TO REMAIN.
17. AT LOCATIONS WHERE EXISTING WALLS ARE TO BE REMOVED NEAR EXISTING WALLS TO REMAIN, PERFORM DEMOLITION WITHOUT DISTURBING EXISTING ELEMENTS TO REMAIN. WALLS TO REMAIN SHALL BE INTACT AND HAVE A NEAT, FINISHED SURFACE WHERE EXPOSED.
18. CONTRACTOR TO PROVIDE TEMPORARY GUARDS AND PROTECTION AROUND EXPOSED FLOOR AND ROOF OPENINGS AND SHAFTS PER CODE.
19. TYPICAL DOOR REMOVAL INCLUDES HARDWARE AND FRAME UNO.
20. CONCRETE CONTRACTOR TO REMOVE CONCRETE SLAB AS REQUIRED FOR UNDERFLOOR WORK. COORDINATE EXTENTS OF REMOVAL WITH M.C. AND E.C. TRENCHING AND BACKFILLING FOR UNDERFLOOR ITEMS SHALL TO BE PERFORMED BY M.C. OR E.C. - CONCRETE CONTRACTOR TO INSTALL NEW FLOOR SLAB AFTER SUBBASE IS RESTORED AND ACCEPTABLE.
21. THE OWNER HAS FIRST RIGHT TO REFUSAL FOR SALVAGEABLE ITEMS. RELOCATED SUCH SALVAGED ITEMS TO STORAGE LOCATION AS OWNER MAY DESIGNATE WITHIN PROJECT SITE.
22. CONTRACTOR TO VERIFY WITH STRUCTURAL BEFORE REMOVING ANY WALLS.
23. REMOVE ALL GWB ON EXISTING WALLS/STUDS TO REMAIN EXCEPT WHERE INDICATED ON PLAN. SEE NOTE AE 39.
24. PATCH GWB AT EXTERIOR WALL PERIMETER AFTER COMPLETION OF REMODEL.



2
A101
1/4" = 1'-0"

2
DEMO SECTION

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WITHDRAWAL MGMT
FACILITY

CITY	MAHNOMEN
STATE	MN

ISSUE DATES

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DRAWING TITLE
FIRST FLOOR PLAN -
DEMOLITION

A101

KEYNOTE LEGEND:

AE 03 MED FRIDGE - CFCI - SEE SPEC.

AE 05 TV MONITOR/DIGITAL DISPLAY & WALL MOUNT BRACKET, OFOI.

AE 25 EWC W/ BOTTLE FILLER - SEE MECH.

AE 27 SEMI-RECESSED FIRE EXTINGUISHER & CABINET - SEE SPEC.

AE 28 CONDENSING UNIT. - SEE MECH.

AE 29 CONCRETE STOOP - SEE STRUCT.

AE 32 SPLASH BLOCK.

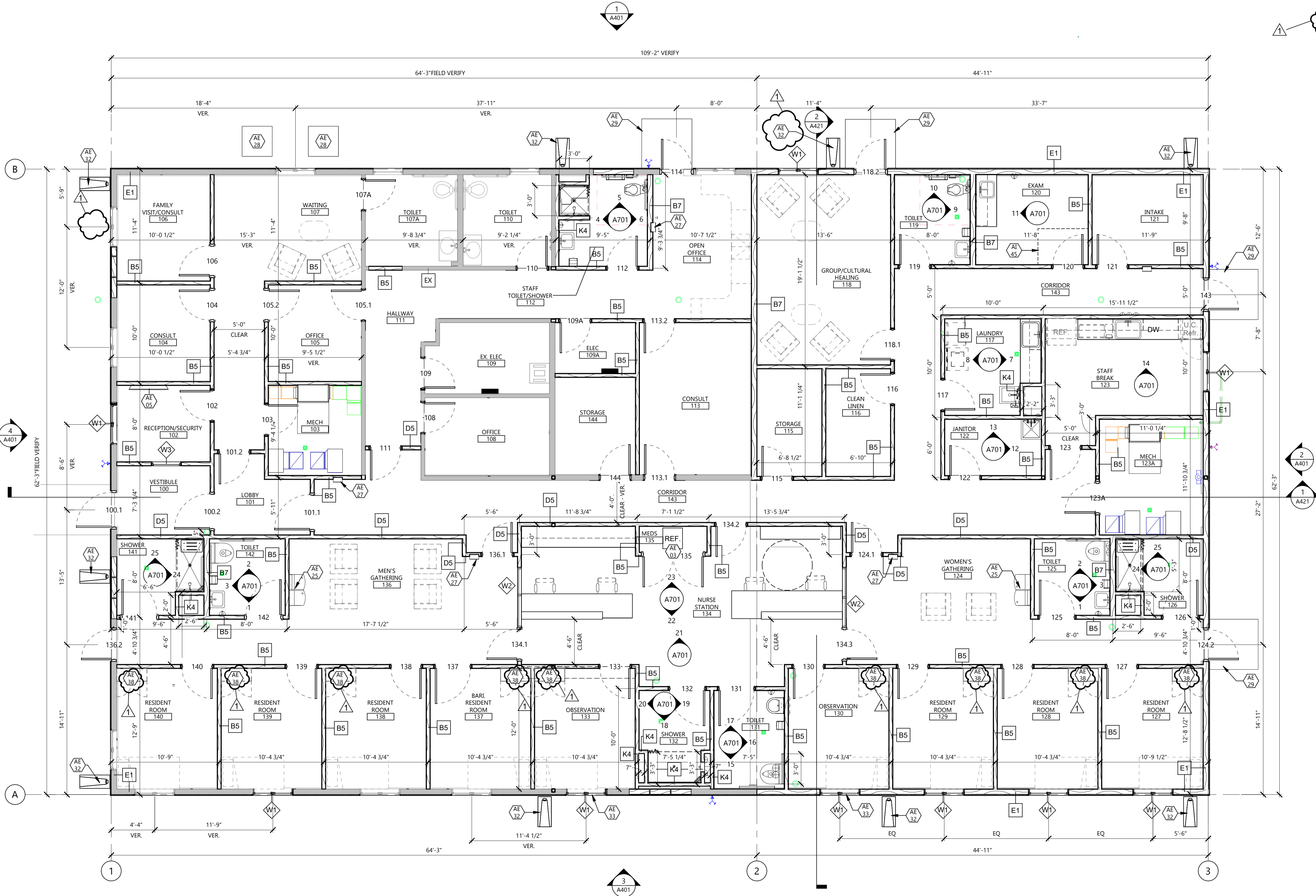
AE 33 SECURITY GLAZING FILM THIS WINDOW - SEE SPEC.

AE 38 WARDROBE CABINET - OFOI.

AI 45 PRIVACY CURTAIN AND TRACK, CFCI.

GENERAL NOTES

- ALL NEW CONSTRUCTION IS INDICATED BY BOLD LINES, EXISTING CONSTRUCTION IS INDICATED BY LIGHT LINES
- PERIMETER WALLS TO EXTEND TO BOTTOM OF DECK, VERIFY EXISTING CONDITIONS AT THE TIME OF CEILING DEMOLITIONS AND CONFIRM WALLS ARE CODE COMPLIANT.
- ALL INTERIOR WALLS TO BE WALL TYPE B5 UNO.
- SEE SHEET A021 FOR WALL TYPES.
- ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REQUIRED FIRE WALLS.
- WHEN WALL PARTITIONS OF DIFFERENT FIRE RATING INTERSECT, THE HIGHEST RATED PARTITION TAKES PRECEDENT
- REFER TO LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATIONS OF REQUIRED FIRE WALLS.
- ALL INTERIOR DOOR FRAMES TO BE 4" AWAY FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- PROVIDE BLOCKING AT ALL WALL MOUNTED CASEWORK, TV MONITORS, EQUIPMENT, PROJECTION SCREENS, MARKER BOARDS AND TACK BOARDS, INCLUDING OWNER PROVIDED ITEMS
- INSTALL NEW WEATHER BARRIER AT EXTERIOR THROUGHOUT, TYPICAL



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



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MAHNM WE
WITHDRAWAL MGMT
FACILITY

CITY MAHNOMEN
STATE MN

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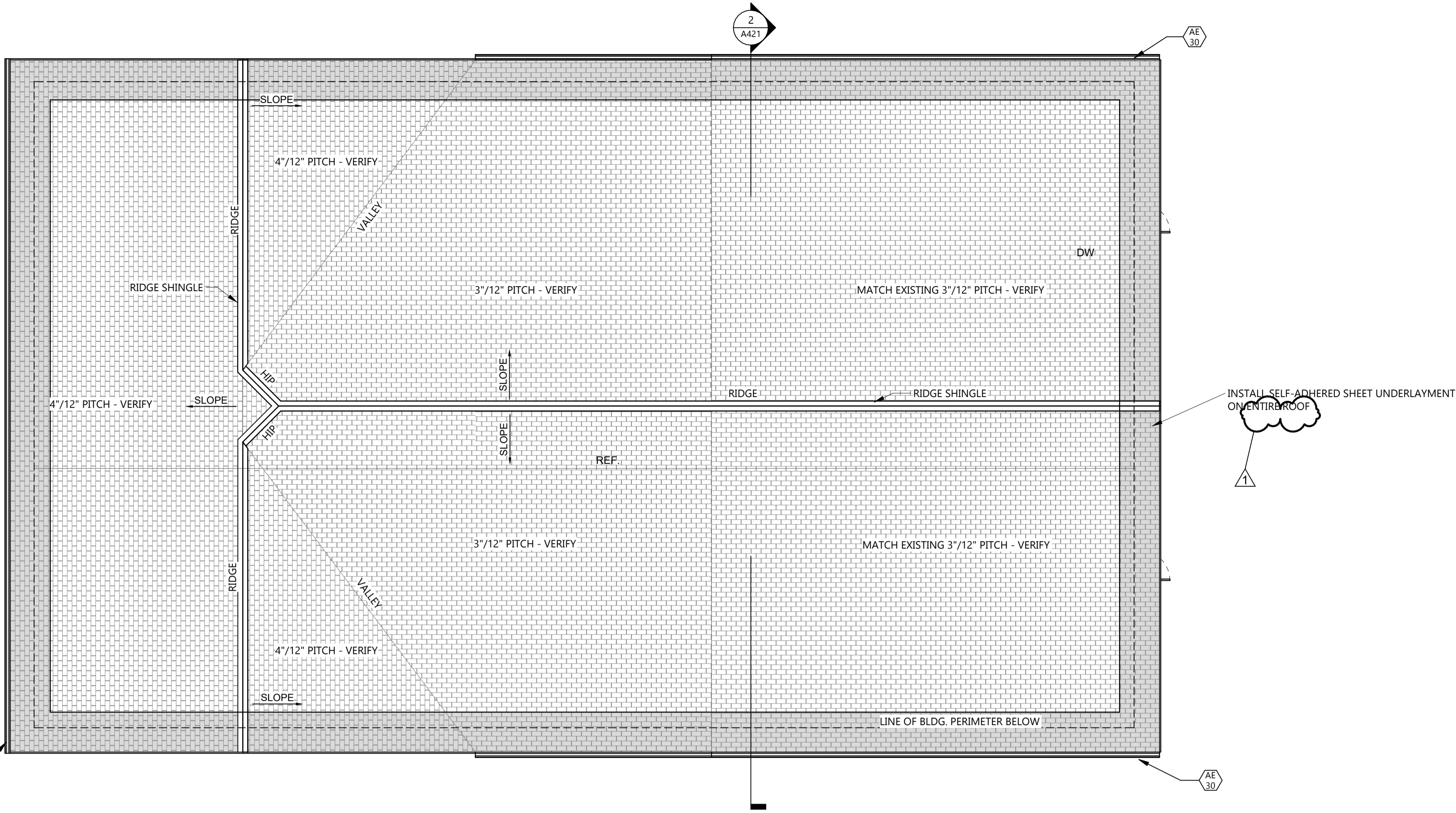
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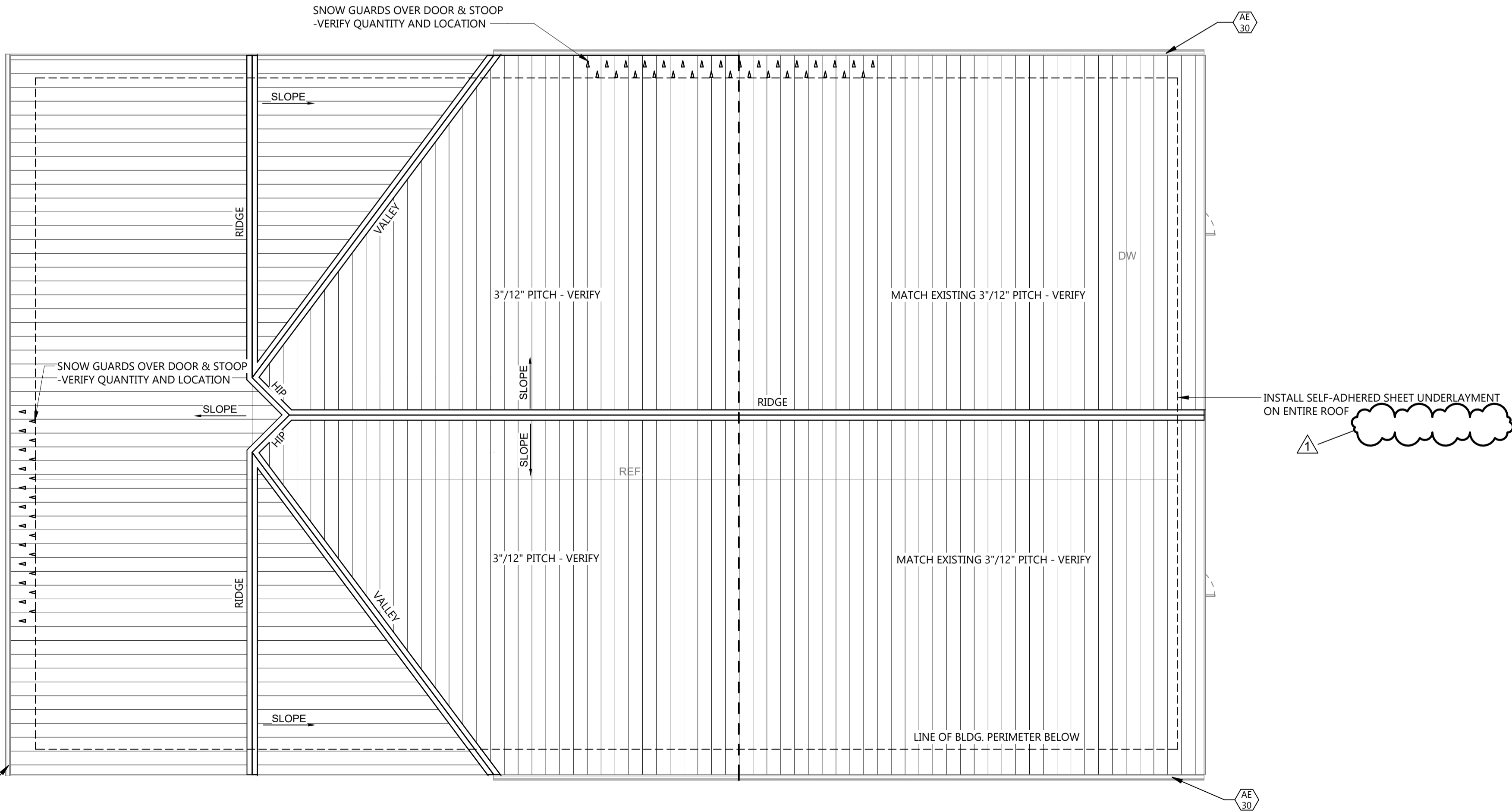
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DRAWING TITLE
FIRST FLOOR PLAN -
REMODELED

A201



1 ROOF PLAN - BASE BID
A221 1/8" = 1'-0"



2 ROOF PLAN - ALT. #04
A221 1/8" = 1'-0"

GENERAL NOTES

1. NEW SHINGLES ENTIRE ROOF
2. SEE ALTERNATES

KEYNOTE LEGEND

< < < INDICATES KEYNOTE ON PLAN
AE 30 PREFINISHED METAL GUTTER.



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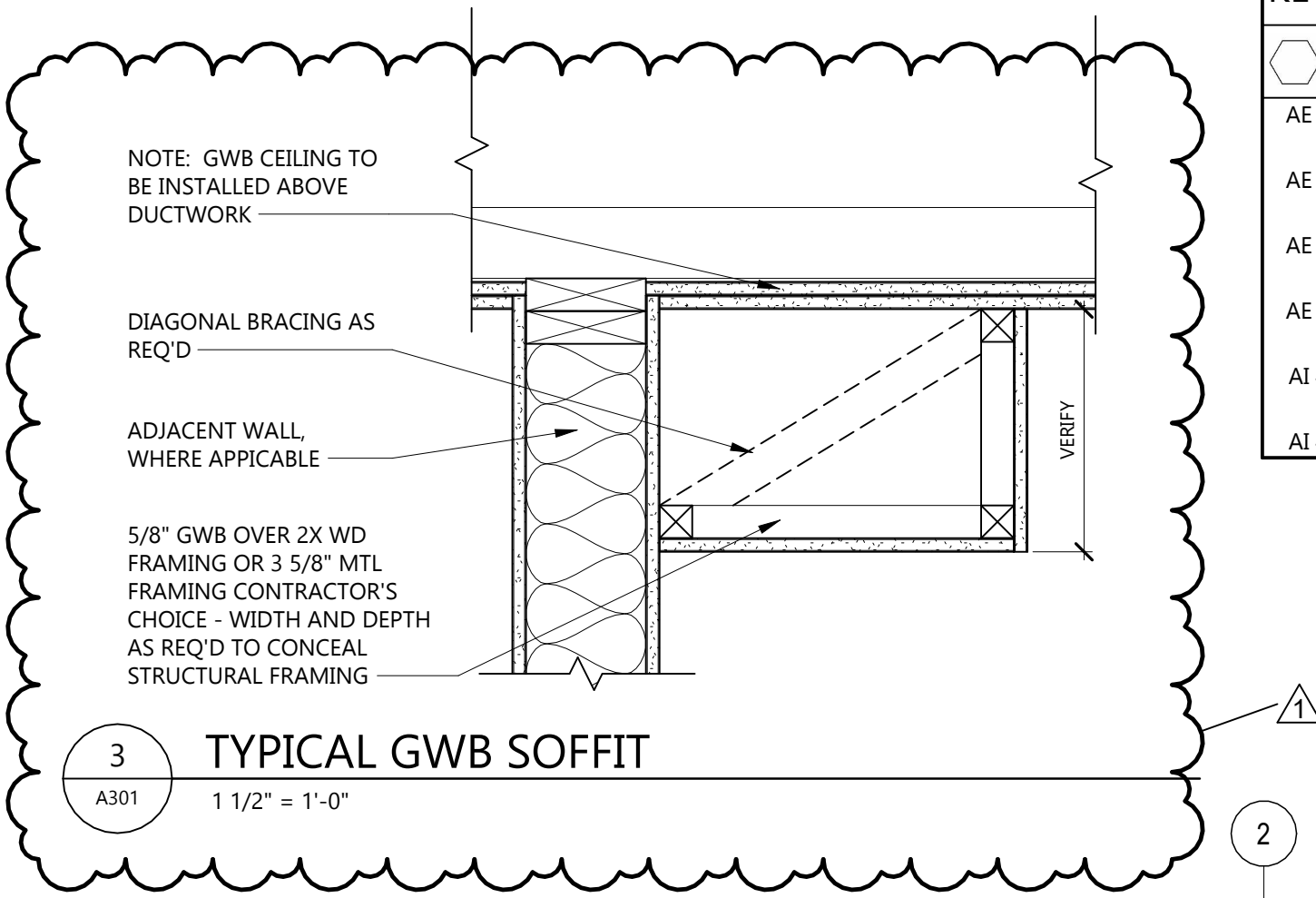
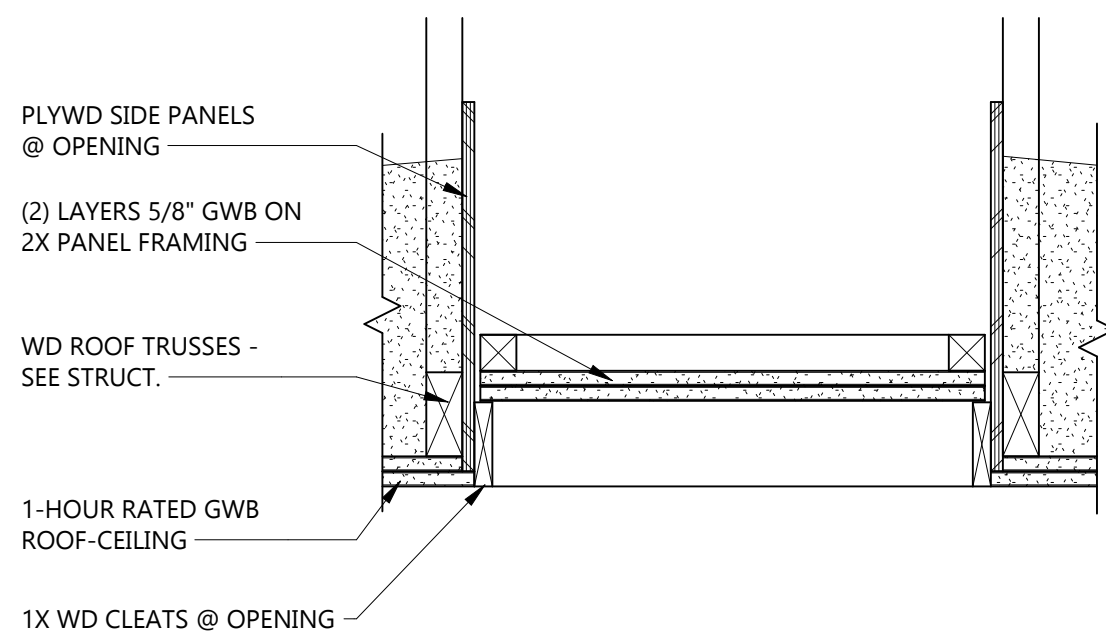
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DRAWING TITLE
ROOF PLAN

A221



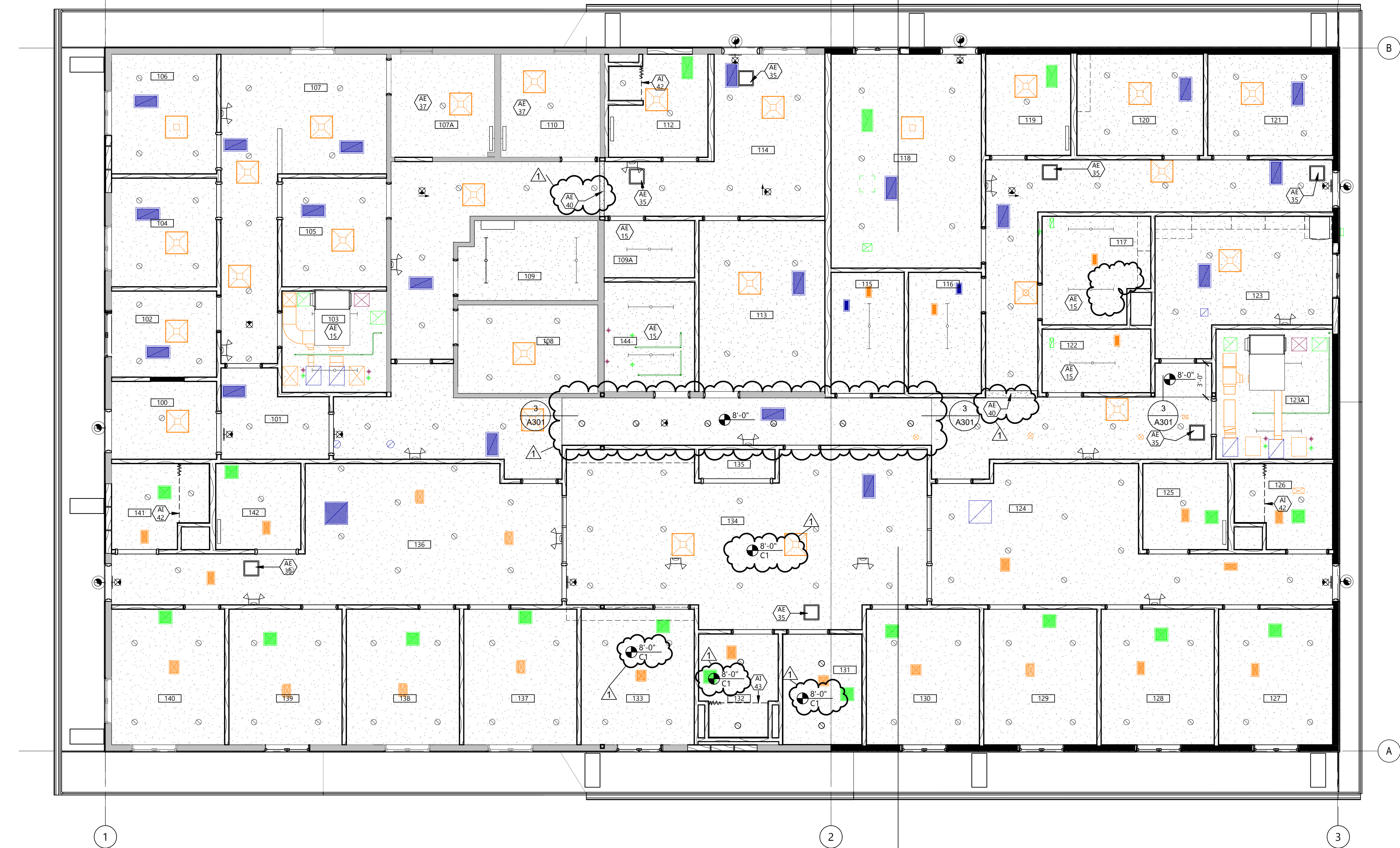
KEYNOTE LEGEND:	
	< < < INDICATES KEYNOTE ON PLAN
AE 15	EXPOSED CEILING THIS ROOM.
AE 35	14x14 CEILING ACCESS PANEL - COORD LOCATION W/ MECH.
AE 37	EXISTING GYP BD CEILING TO REMAIN.
AE 40	BEAM - SEE STRUCT. WRAP IN GWB & PNT.
AI 42	SHOWER ROD AND CURTAIN, CFCI.
AI 43	LIGATURE RESISTANT SHOWER ROD AND CURTAIN, CFCI.

CEILING PLAN SYMBOLS	
AIR DISTRIBUTION SYMBOLS	
	DIFFUSER SUPPLY
	DIFFUSER RETURN
	ACCESS PANEL
	SLOT OR LINEAR DIFFUSER OR RETURN
	MISCELLANEOUS
	PUBLIC ADDRESS OR AS SHOWN
	SMOKE DETECTOR
	VENT
	TYPICAL SUSPENDED CEILING GRID
	GYPSUM WALL BOARD OR PLASTER
	RECESSED INCANDESCENT
	EXIT LIGHT
	LINEAR PENDANT
	WALL HEIGHT
	EXISTING WALL TO REMAIN
	EXISTING WALL TO EXTEND TO FULL HEIGHT OF STRUCTURE ABOVE

- GENERAL NOTES
- ALL CEILINGS TO BE (2) LAYERS 5/8" TYPE 'X' GWB OVER 6 MIL POLY MOUNTED TO BOTTOM OF TRUSS UNLESS NOTED OTHERWISE
 - REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT.
 - REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS, DETECTORS, POWER OUTLETS, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT. WHERE DEVICES ARE NOT SHOWN ON PLAN, FIELD VERIFY LOCATION WITH ARCHITECT AND QUANTITY PRIOR TO REMOVAL. THESE DEVICES WILL BE RELOCATED INTO NEW PLAN.
 - GENERAL CONTRACTOR TO COORDINATE CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC. WITH EQUIPMENT SUPPLIER AND OWNER PRIOR TO INSTALLATION.
 - CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC. SHALL BE LOCATED IN THE CENTER, GYPSUM BOARD SOFFITS, UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
 - ACCESS PANELS SIZE, LOCATION AND QUANTITY COORDINATE WITH MECHANICAL

2 ATTIC ACCESS PANEL
A301 1 1/2" = 1'-0"

3 TYPICAL GWB SOFFIT
A301 1 1/2" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING PLAN
A301 3/16" = 1'-0"



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FACILITY

CITY MAHNOTEN
STATE MN

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DRAWING TITLE
FIRST FLOOR
REFLECTED CEILING
PLAN

A301

1	ADDENDUM #2	01/22/2026
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DRAWING TITLE
BUILDING ELEVATIONS

A401

KEYNOTE LEGEND:

< < < INDICATES KEYNOTE ON PLAN

AE 17 HORIZONTAL PREFIN. MTL SIDING - BASE BID - SEE SPEC.

AE 19 8" PREFIN MTL TRIM OVER 1X. - ADD ALT. #03

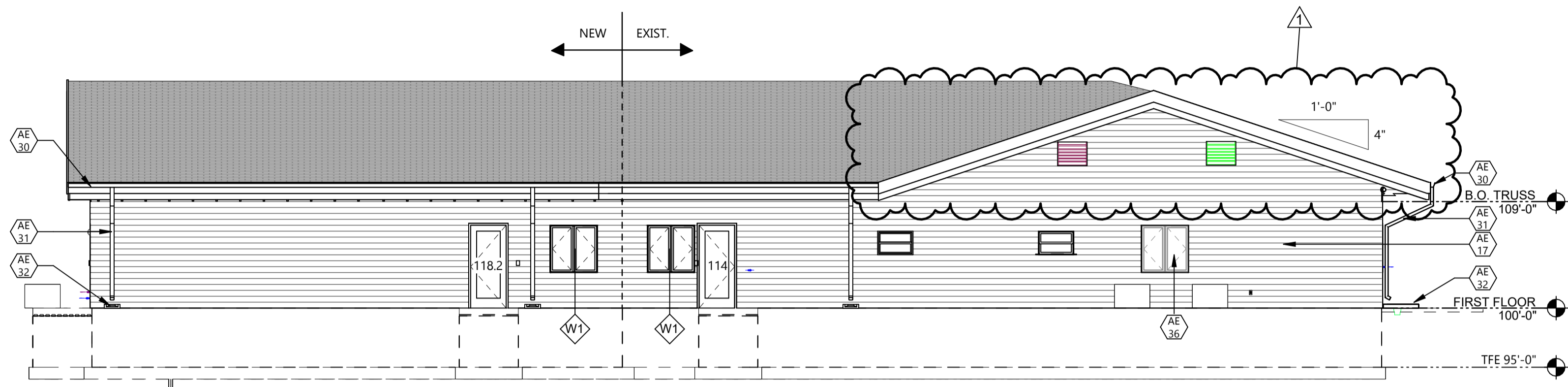
AE 20 VERTICAL PREFIN. MTL SIDING - ADD ALT. #03.

AE 30 PREFINISHED METAL GUTTER.

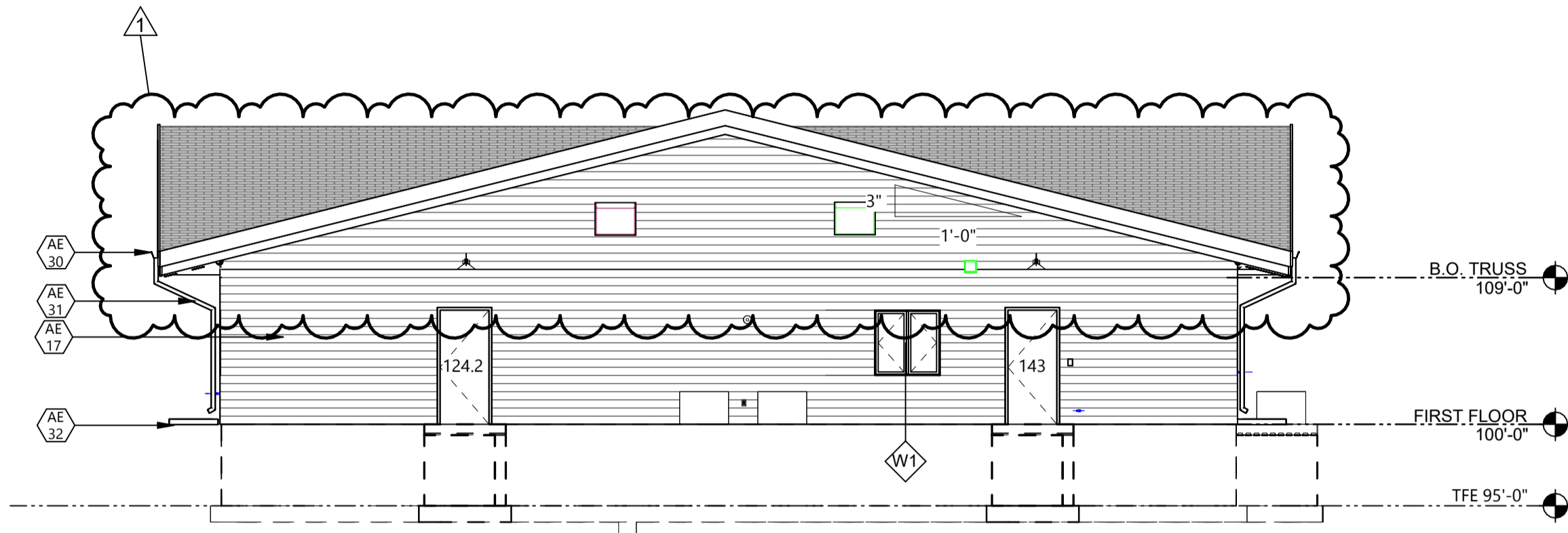
AE 31 PREFINISHED METAL DOWNSPOUT.

AE 32 SPLASH BLOCK.

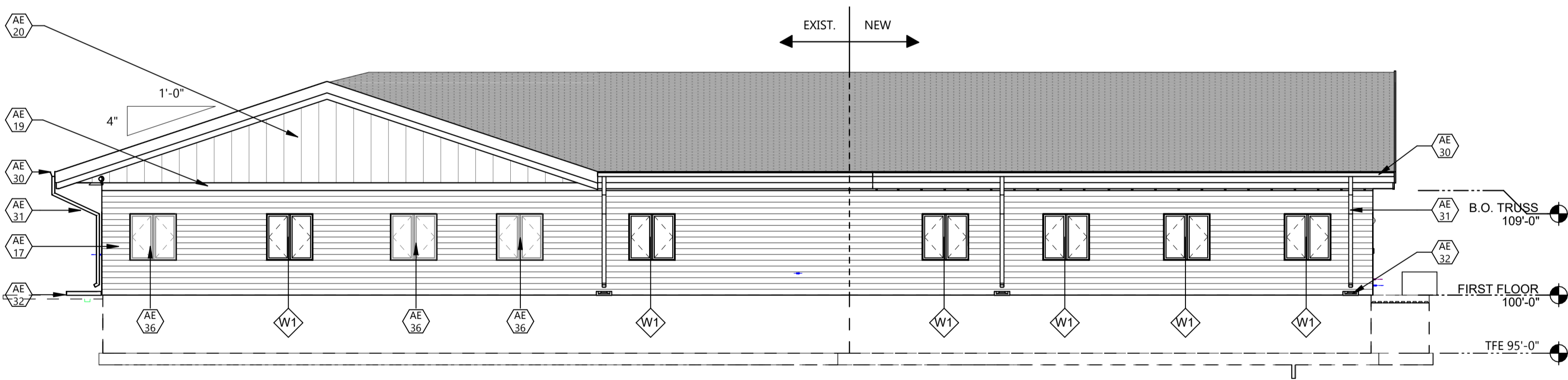
AE 36 EXISTING WINDOW TO REMAIN - BASE BID. NEW WINDOW AT ADD. ALT. #2.



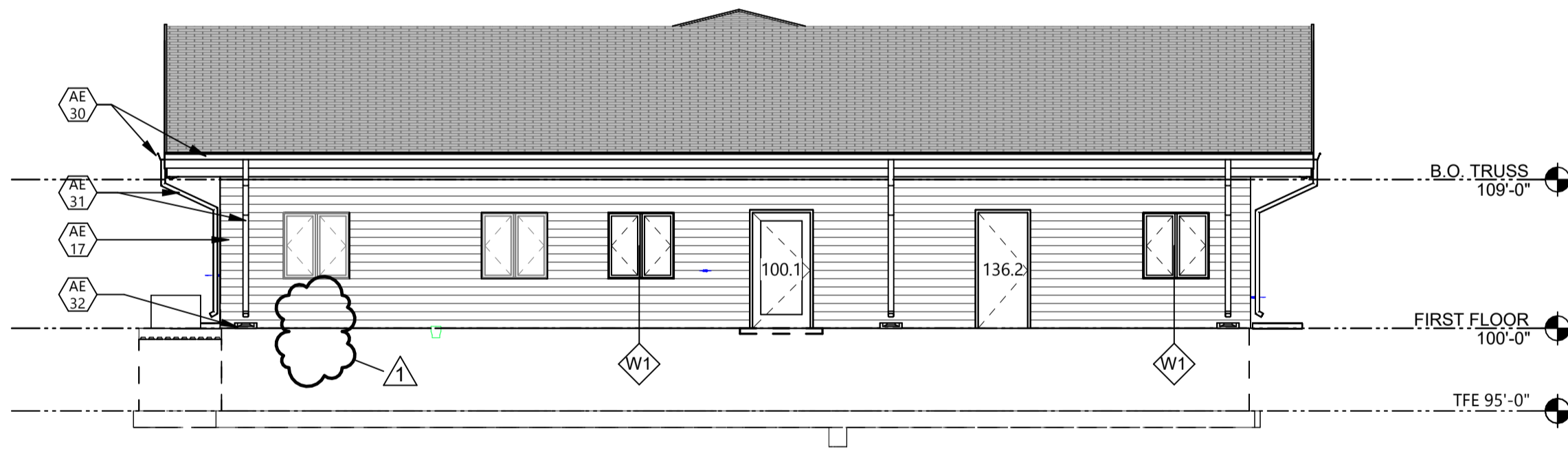
1 NORTH EXT ELEVATION
A401 1/8" = 1'-0"



2 EAST EXT ELEVATION
A401 1/8" = 1'-0"



3 SOUTH EXT ELEVATION
A401 1/8" = 1'-0"



4 WEST EXT ELEVATION
A401 1/8" = 1'-0"

1	ADDENDUM #2	01/22/2026
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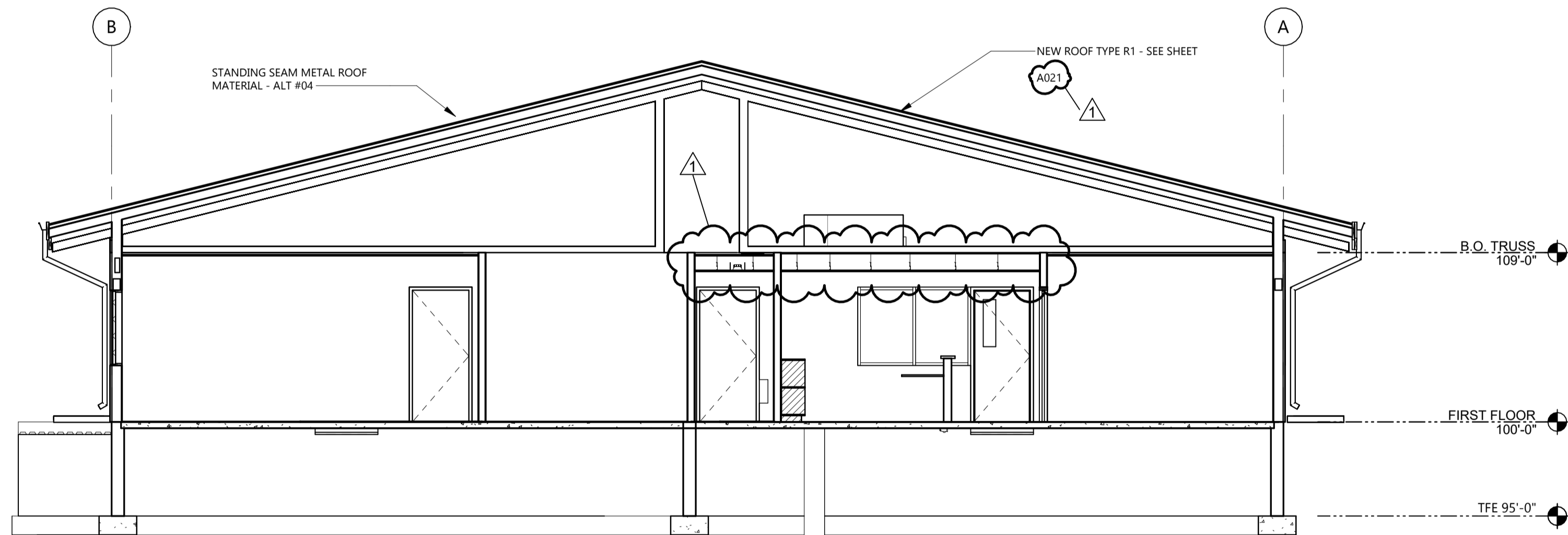
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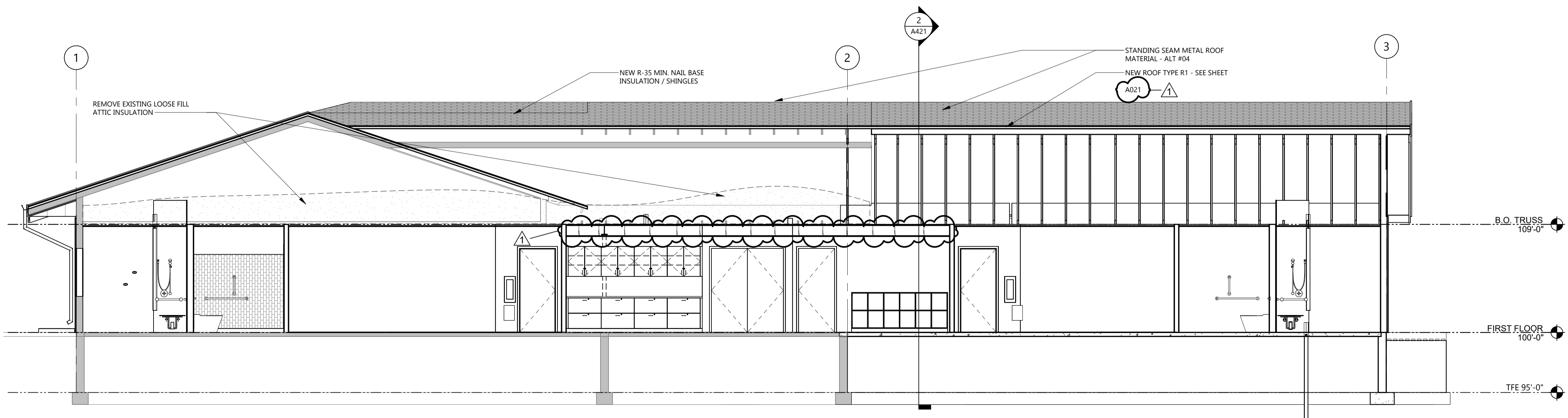
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Print Name: CRAIG CLARK
Signature: 
Date: 12/16/2025 License #: 55335



2 BUILDING SECTION
3/16" = 1'-0"



1 BUILDING SECTION
3/16" = 1'-0"

1	ADDENDUM #2	01/22/2026
Mark	CONSTRUCTION DOCUMENTS	12/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20245580


DRAWN BY: EJK

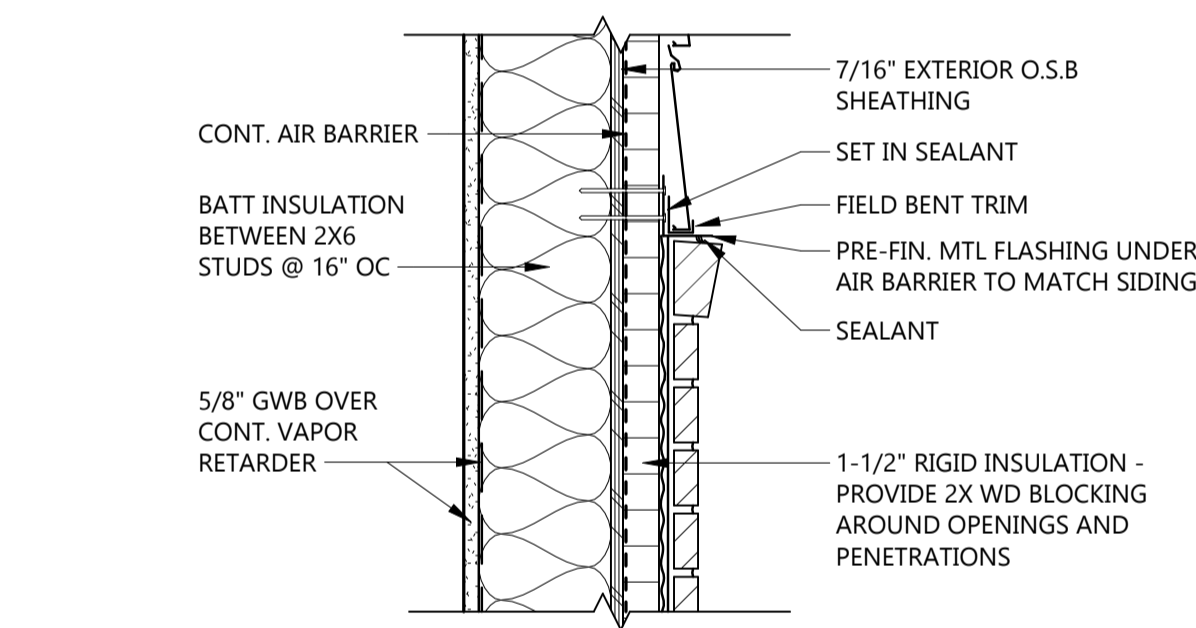
CHECKED BY: Checker

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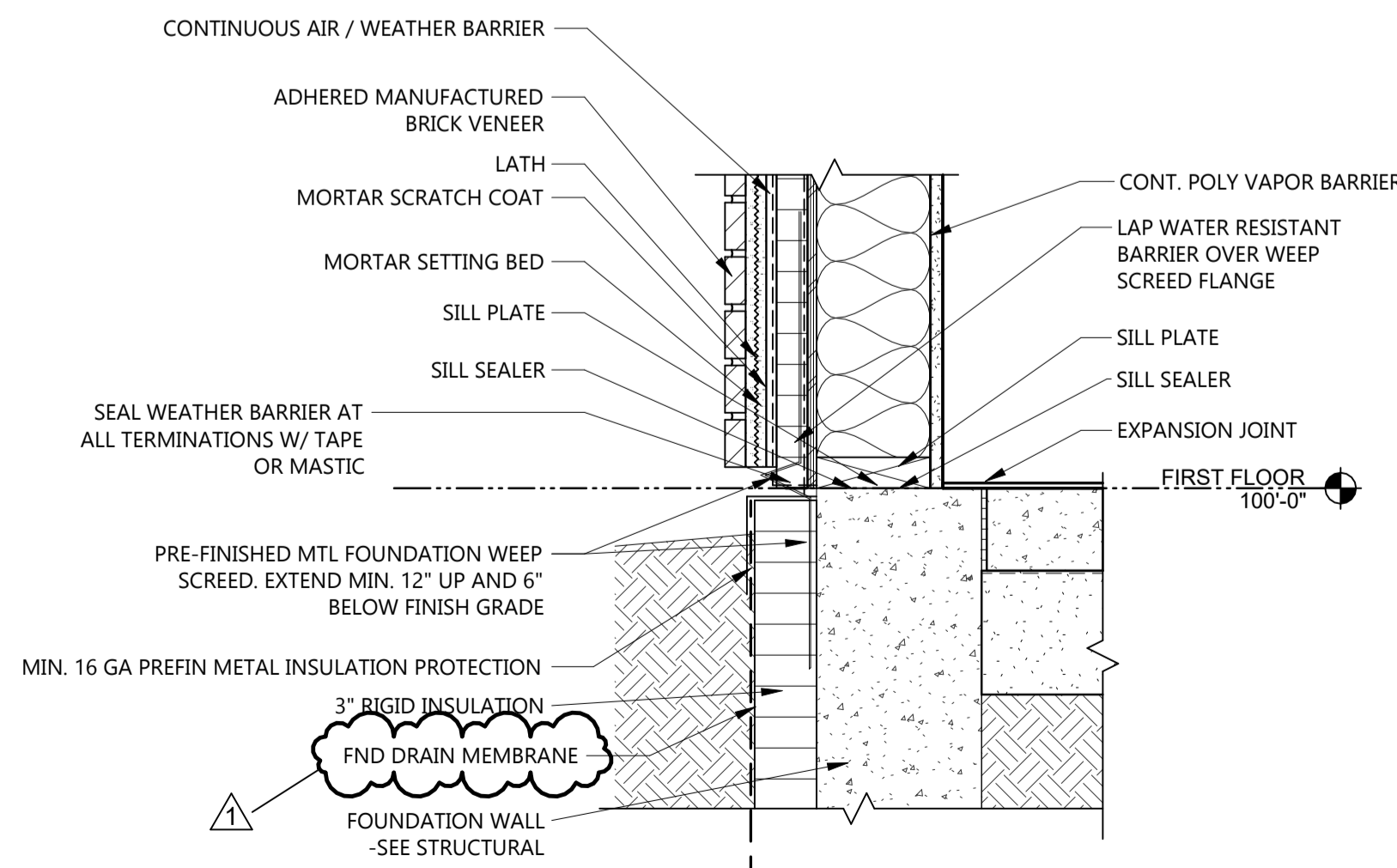
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Print Name: CRAIG CLARK
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Date: 12/16/2025 License #: 55335



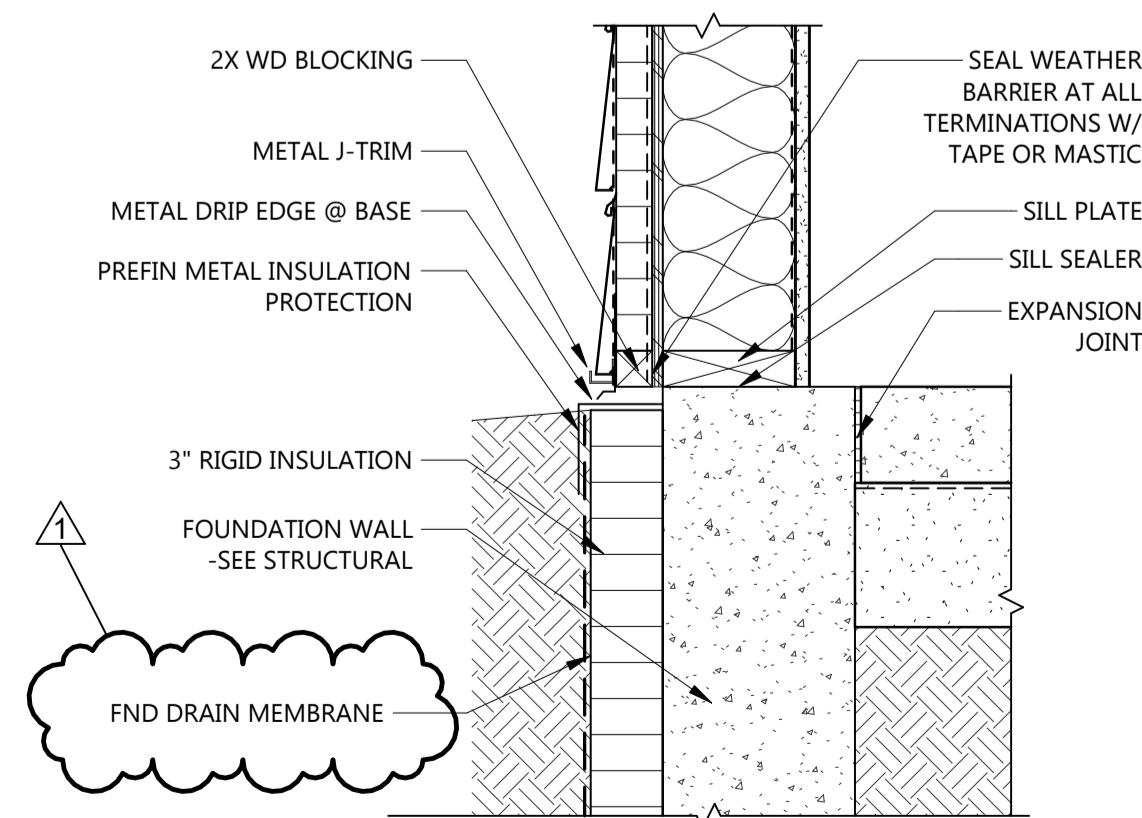
4 SIDING BASE DETAIL @ BRICK VENEER

A441 1 1/2" = 1'-0"



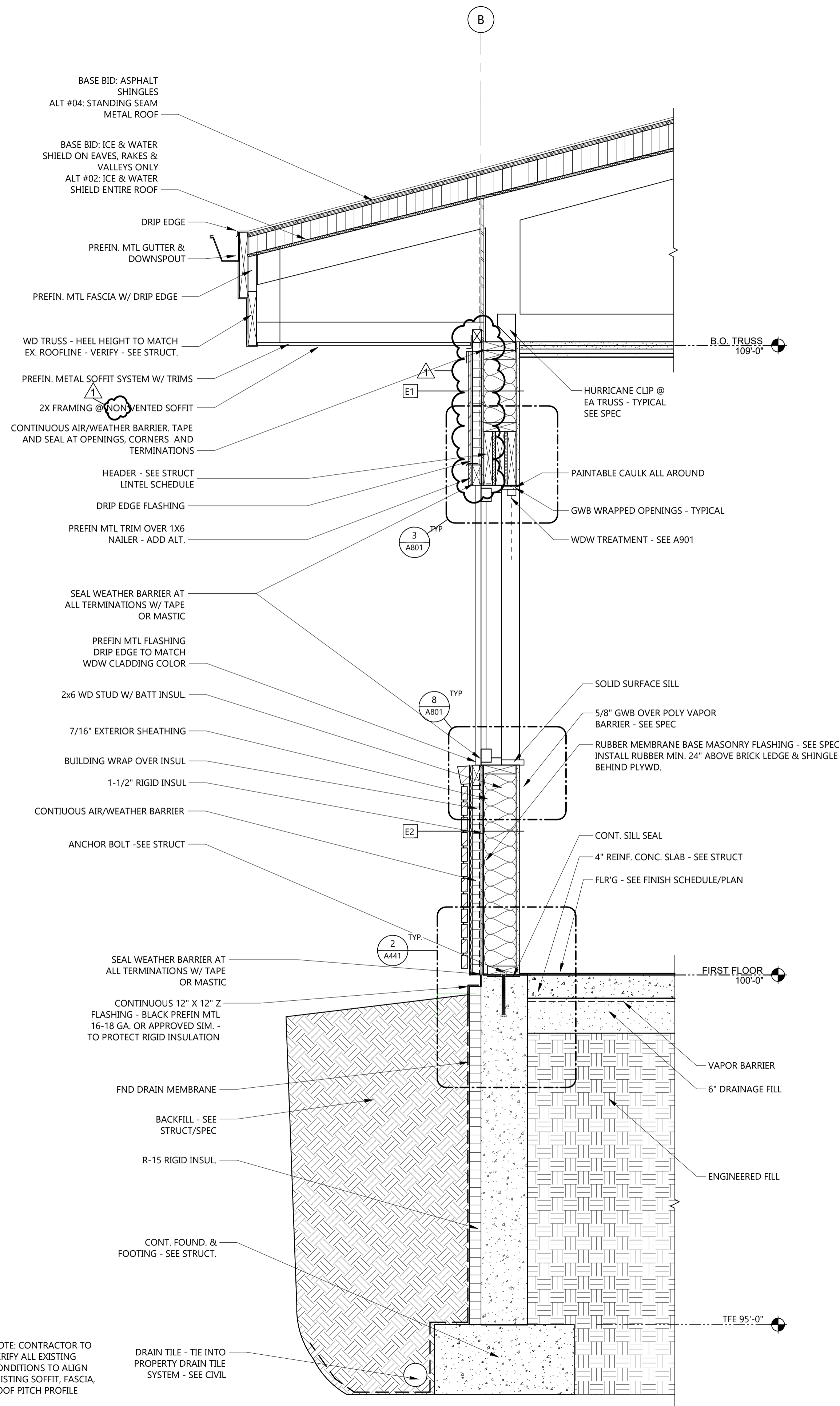
2 WALL BASE - ALT #01

A441 1 1/2" = 1'-0"



3 WALL BASE DETAIL - SIDING - BASE BID

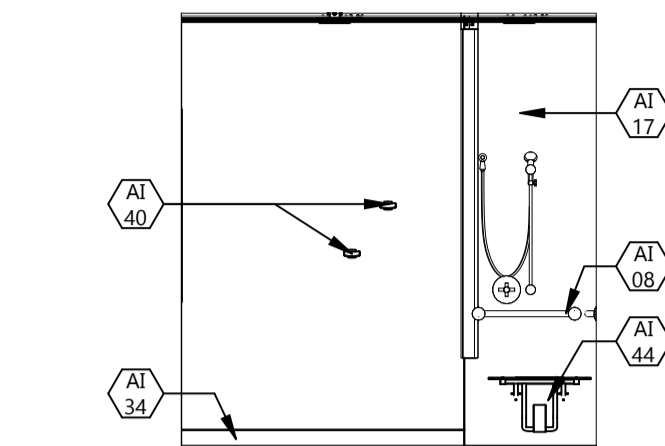
A441 1 1/2" = 1'-0"



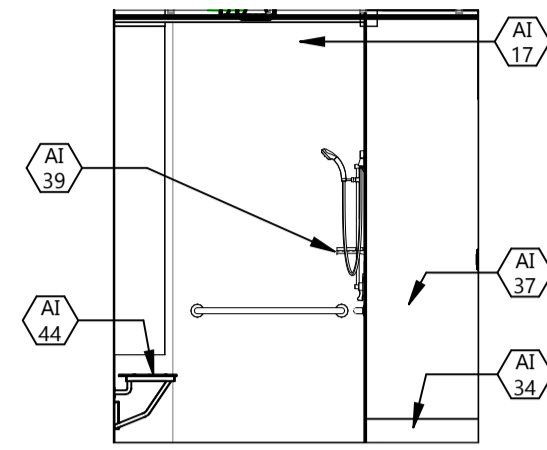
NOTE: CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS TO ALIGN EXISTING SOFFIT, FASCIA, ROOF PITCH PROFILE

1 TYPICAL WALL SECTION - ALT #01

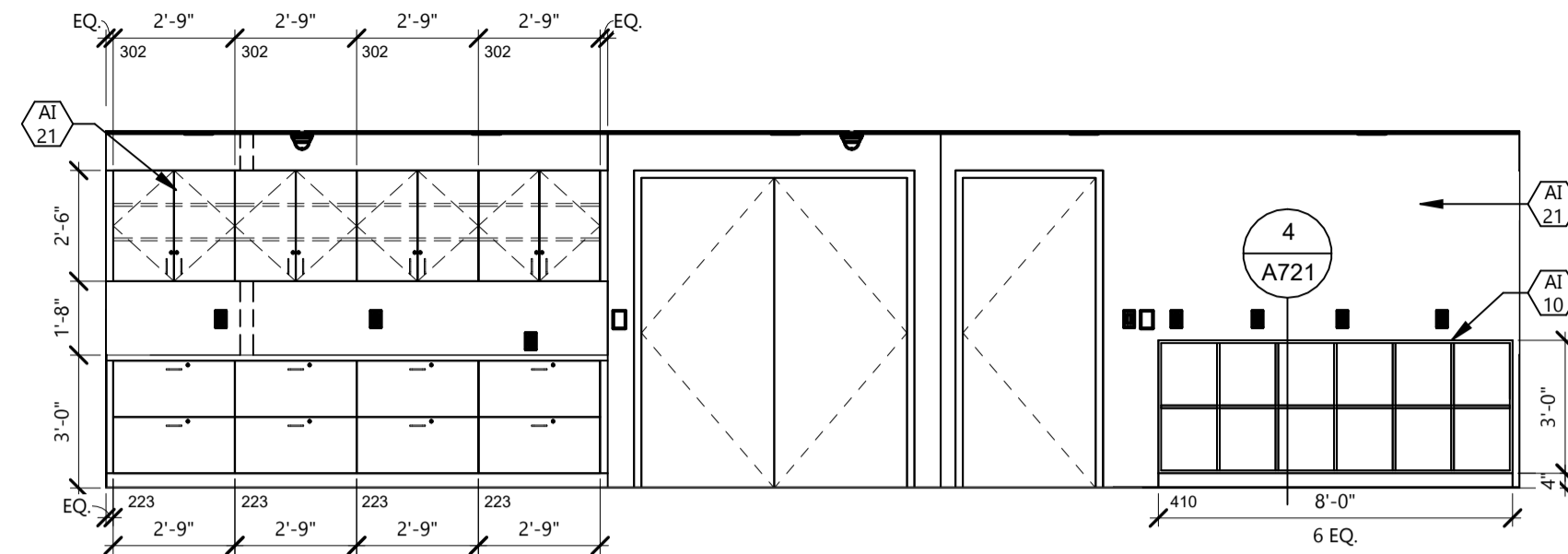
A441 1" = 1'-0"



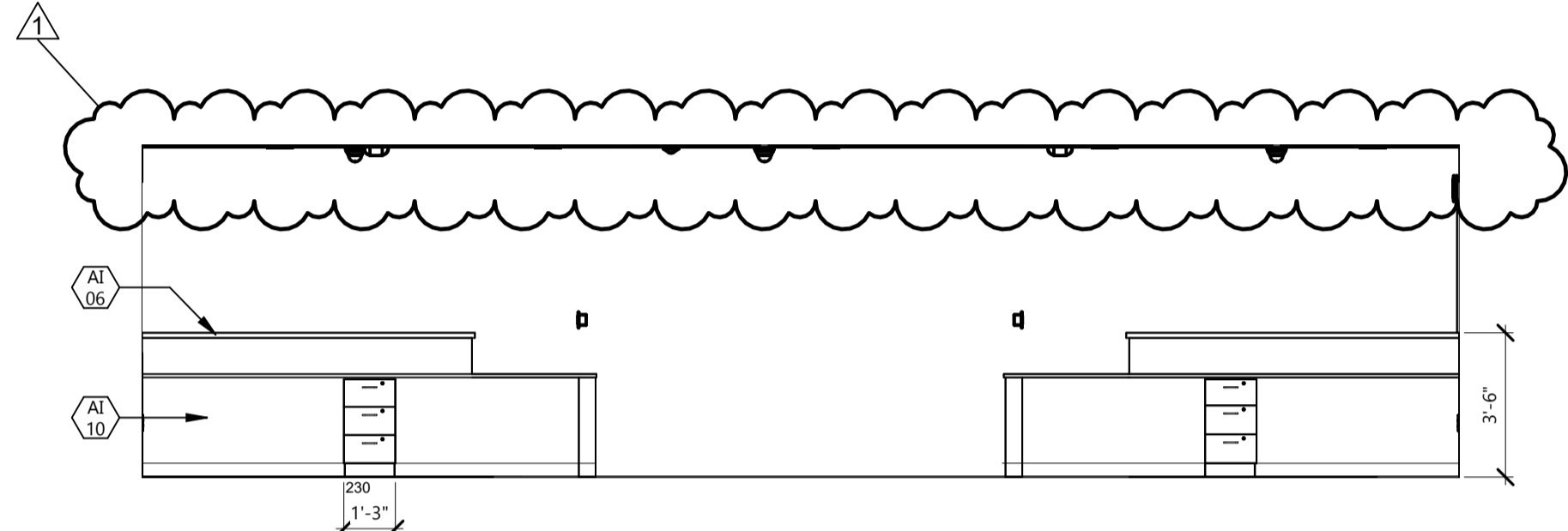
25 TYP. SHOWER 141 - 2
A701 1/4" = 1'-0"



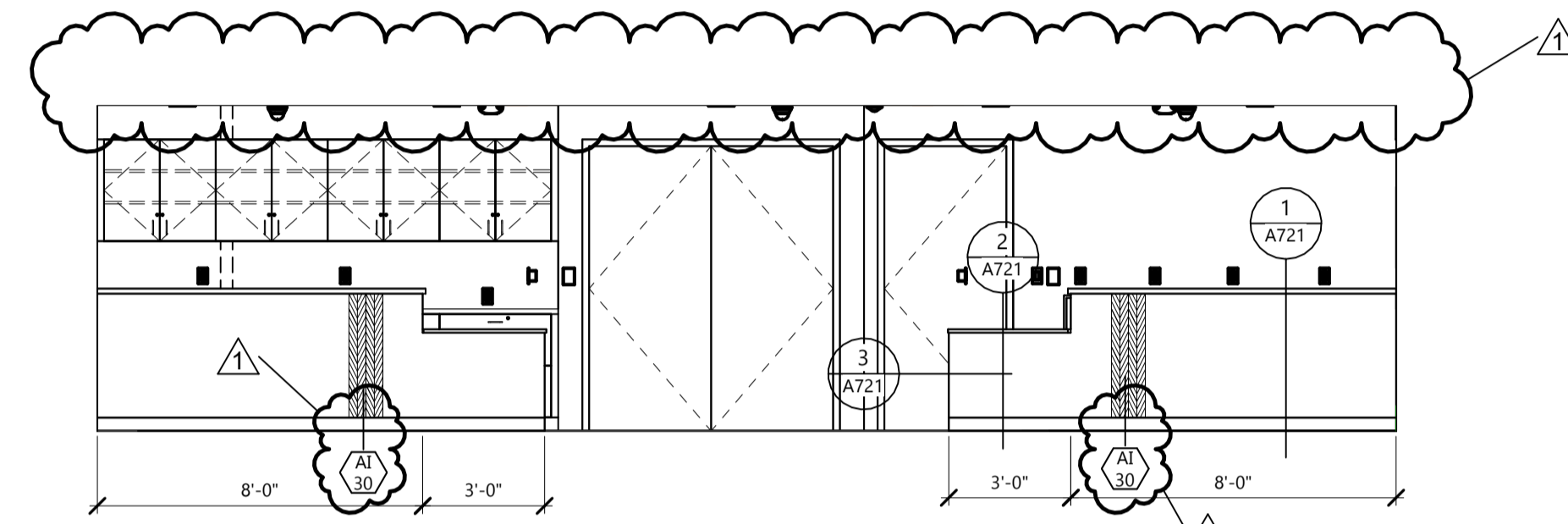
24 TYP SHOWER 141 - 1
A701 1/4" = 1'-0"



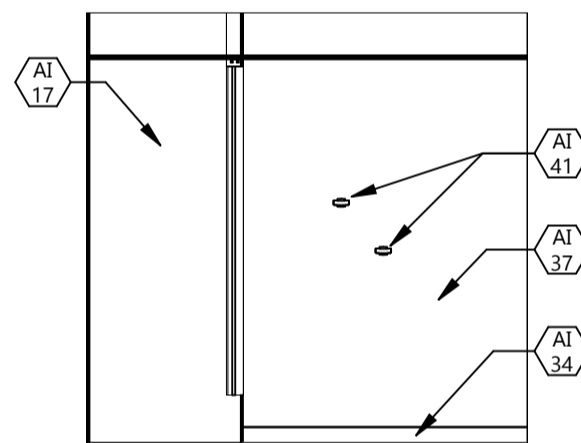
23 NURSE STATION 134 - 1
A701 1/4" = 1'-0"



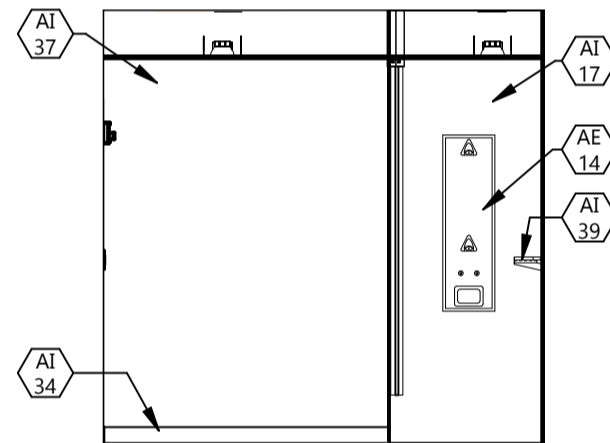
22 NURSE STATION 134 - 2
A701 1/4" = 1'-0"



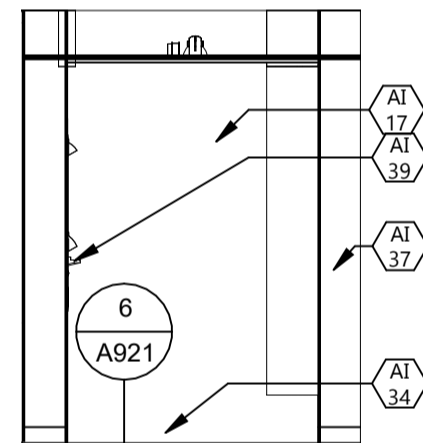
21 NURSE STATION 134 - 3
A701 1/4" = 1'-0"



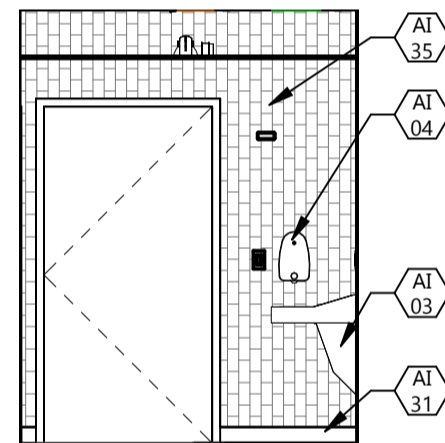
20 LIG. RES. SHOWER - 3
A701 1/4" = 1'-0"



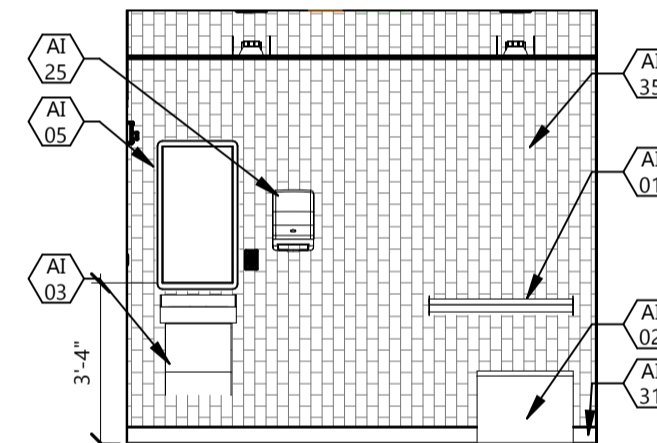
19 LIG. RES. SHOWER - 2
A701 1/4" = 1'-0"



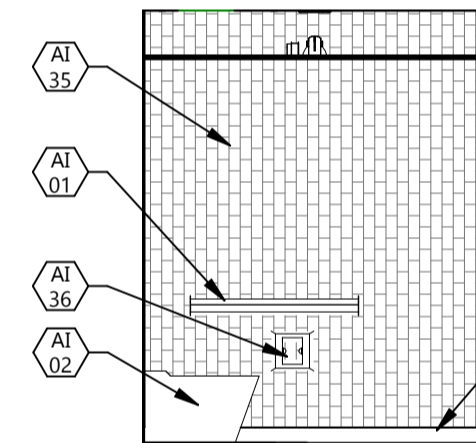
18 LIG. RES. SHOWER - 1
A701 1/4" = 1'-0"



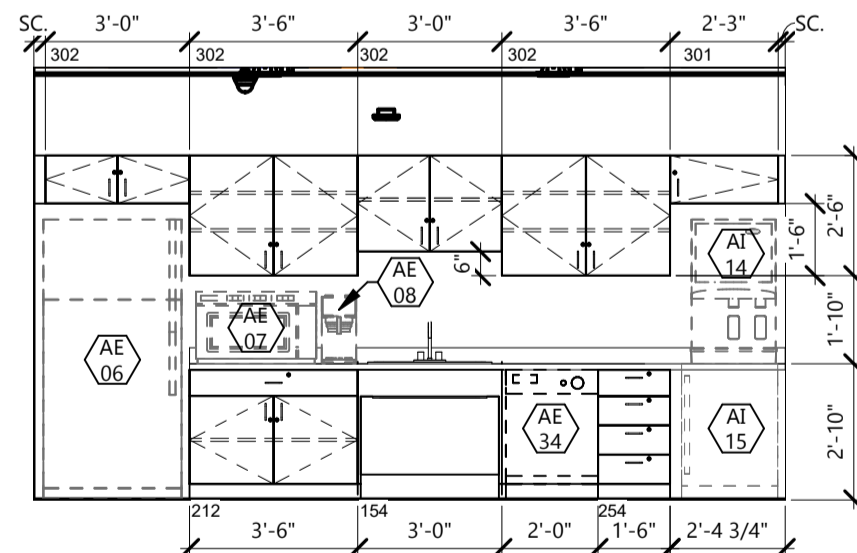
17 LIG. RES. TOILET 131 - 1
A701 1/4" = 1'-0"



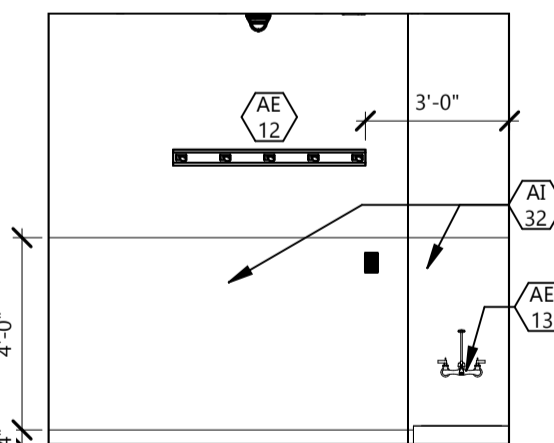
16 LIG. RES. TOILET 131 - 2
A701 1/4" = 1'-0"



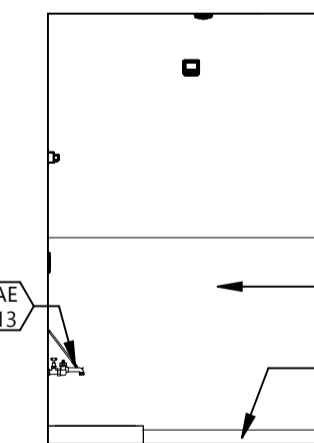
15 LIG. RES. TOILET 131 - 3
A701 1/4" = 1'-0"



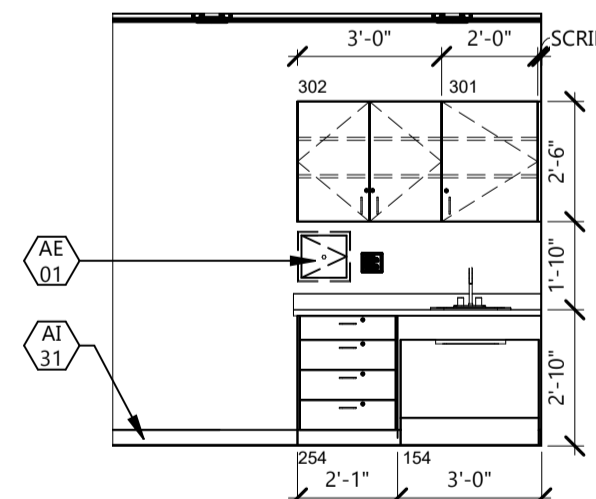
14 STAFF BREAK & KITCHEN 123 - 2
A701 1/4" = 1'-0"



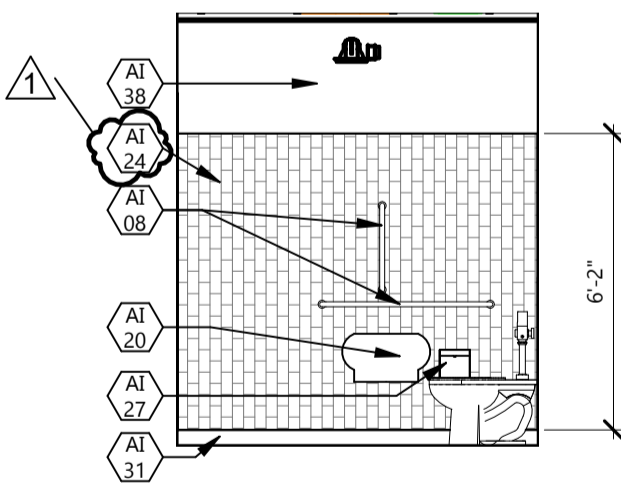
13 JANITOR 122 - 1
A701 1/4" = 1'-0"



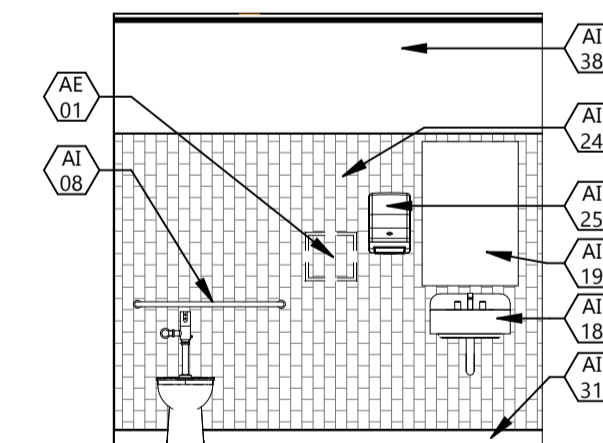
12 JANITOR 122 - 2
A701 1/4" = 1'-0"



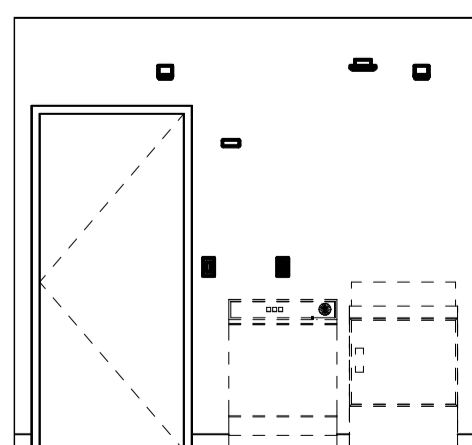
11 EXAM 120 - 1
A701 1/4" = 1'-0"



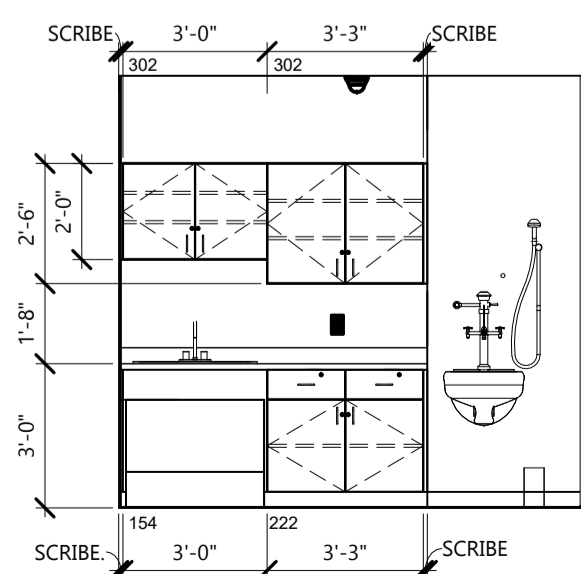
10 TOILET 119 - 1
A701 1/4" = 1'-0"



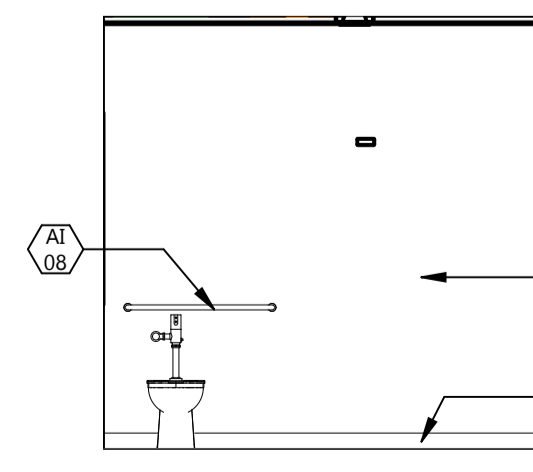
9 TOILET 119 - 2
A701 1/4" = 1'-0"



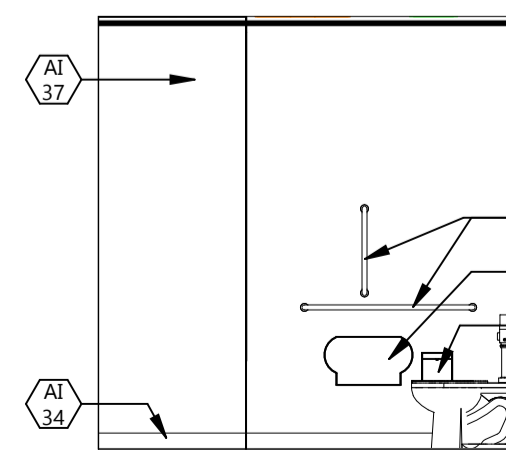
8 SOILED LAUNDRY 117 - 1
A701 1/4" = 1'-0"



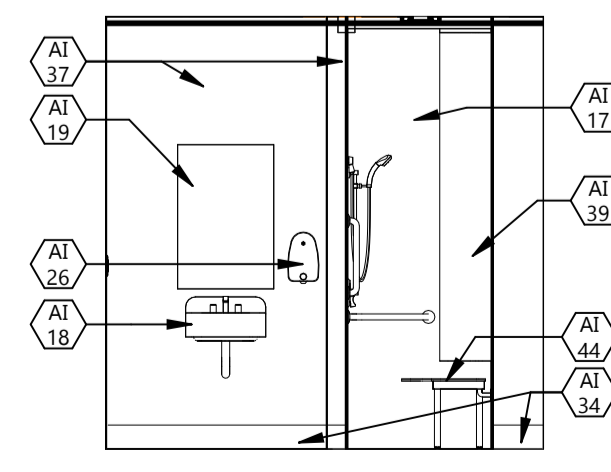
7 SOILED LAUNDRY 117 - 2
A701 1/4" = 1'-0"



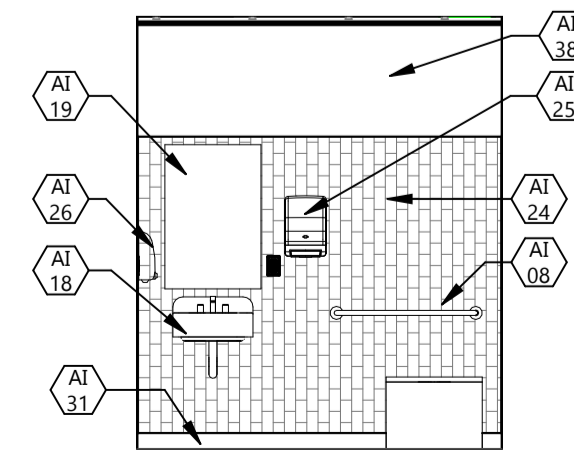
6 STAFF TOILET 112 - 1
A701 1/4" = 1'-0"



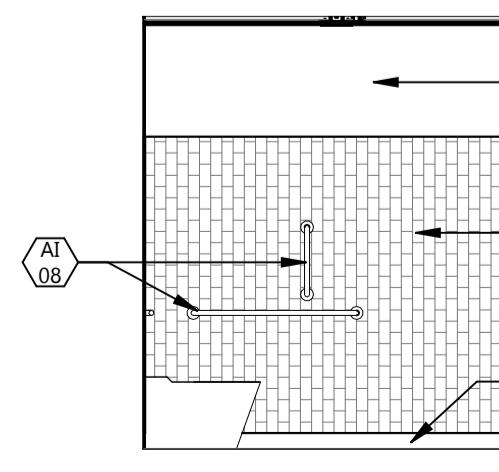
5 STAFF TOILET 112 - 2
A701 1/4" = 1'-0"



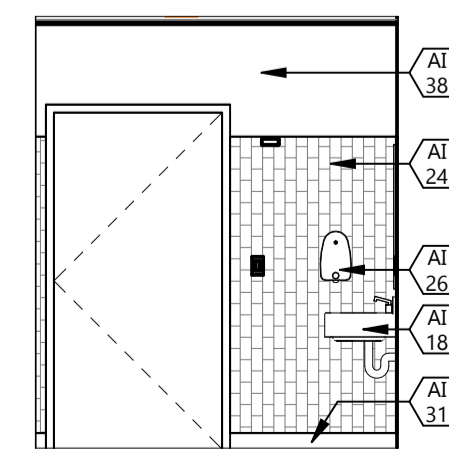
4 STAFF TOILET 112 - 3
A701 1/4" = 1'-0"



3 TYP. RESIDENT TLT - 1
A701 1/4" = 1'-0"



2 TYP. RESIDENT TLT - 2
A701 1/4" = 1'-0"



1 TYP. RESIDENT TLT 141 - 3
A701 1/4" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES

1. REFER TO EQUIPMENT LEGEND FOR EQUIPMENT THAT IS OWNER FURNISHED/OWNER INSTALLED (OFOI), OWNER FURNISHED/CONTRACTOR INSTALLED (OFCI), AND CONTRACTOR FURNISHED/CONTRACTOR INSTALLED (CFI).
2. PROVIDE MATCHING PLASTIC LAMINATE (HPL) INTERIORS FOR CABINETS WHERE EQUIPMENT IS INDICATED TO BE STORED.
3. REFER TO ELECTRICAL DRAWINGS FOR WALL MOUNTED PANELS, LIGHTS, ETC... INDICATED IN THE ELEVATIONS.
4. REFER TO MECHANICAL DRAWING FOR PLUMBING FIXTURES INDICATED IN THE ELEVATIONS.
5. REFER TO FINISH PLANS FOR LOCATIONS AND TYPES OF CORNER GUARDS AND PROTECTIVE WALL COVERINGS.
6. ALL EXPOSED COUNTERTOPS WITHOUT BASES AND WORK SURFACES SHALL HAVE 1" RADIUS AT OUTSIDE CORNERS.
7. PROVIDE GROMMETS WHERE OFFICE EQUIPMENT IS INDICATED ON CASEWORK. CONFIRM QUANTITIES, LOCATIONS, AND OPENING SIZES WITH OWNER.
8. PROVIDE SCRIBE PANELS ADJACENT TO CABINETS TO FILL IN VOID SPACES ADJACENT TO WALLS AND SOFFITS. SCRIBE PANELS SHALL NOT EXCEED 3' IN WIDTH.
9. SEE SHEET A001 FOR TYPICAL TOILET FIXTURE AND ACCESSORY MOUNTING HEIGHTS. ITEMS INDICATED BY DASHED LINES ARE EQUIPMENT PROVIDED BY OWNER, REFER TO INTERIOR ELEVATION KEY LEGEND.

KEYNOTE LEGEND

⬡ < < INDICATES KEYNOTE ON PLAN

AE 01 SPECIMEN PASS-THROUGH. SEE A001 FOR MOUNTING HEIGHTS.

AE 06 REFRIGERATOR, OFOI.

AE 07 MICROWAVE, OFOI.

AE 08 COFFEE MAKER - BY OWNER.

AE 12 MOP & BROOM HOLDER. SEE A001 FOR MOUNTING HEIGHTS.

AE 13 MOP SINK. SEE MECH.

AE 14 LIGATURE RESISTANT SHOWER PANEL -SEE MECH.

AE 34 DISHWASHER, OFOI.

AI 01 LIGATURE RESISTANT GRAB BAR, CFCL.

AI 02 LIGATURE RESISTANT TOILET, SEE MECH.

AI 03 LIGATURE RESISTANT SINK, SEE MECH.

AI 04 LIGATURE RESISTANT SOAP DISPENSER, CFCL.

AI 05 LIGATURE RESISTANT MIRROR, CFCL.

AI 06 SSF-1

AI 08 GRAB BARS, , CFCL. REFER TO A001 FOR MOUNTING HEIGHTS.

AI 10 PLAM-1.

AI 14 WATER/ICE COOLER, OFOI.

AI 15 UNDERCOUNTER REFRIGERATOR, OFOI.

AI 17 INSTALL SSF-2 FULL HEIGHT AT SHOWER WALLS.

AI 18 SINK, SEE MECH.

AI 19 MIRROR 24"x36", CFCL.

AI 20 TOILET PAPER DISPENSER, CFCL.

AI 21 INSTALL VWC-1.

AI 24 INSTALL FRP-1 TO 74" ABOVE WALL BASE.

AI 25 PAPER TOWEL DISPENSER, CFCL.

AI 26 SOAP DISPENSER, CFCL.

AI 27 SANITARY NAPKIN DISPOSAL, CFCL.

AI 30 CTW-1 WALL TILE.

AI 31 RB-1 RESILIENT WALL BASE.

AI 32 INSTALL FRP-2 TO 48" ABOVE WALL BASE.

AI 34 INSTALL 4" RSF INTEGRAL COVED BASE.

AI 35 INSTALL FRP-1 FULL HEIGHT.

AI 36 LIGATURE RESISTANT TOILET PAPER DISPENSER.

AI 37 FEILD PAINT TO BE PNT-5.

AI 38 PNT-3.

AI 39 SOAP DISH, CFCL.

AI 40 ROBE HOOK, CFCL.

AI 41 LIGATURE RESISTANT HOOK, CFCL.

AI 44 FOLDING SHOWER SEAT, CFCL.

CONSULTANTS

CLIENT

WHITE EARTH NATION

PROJECT DESCRIPTION

MAHNM WE
WITHDRAWAL MGMT
FACILITY

CITY MAHNOMEN

STATE MN

ISSUE DATES

1	ADDENDUM #2	01/22/2026
Mark	CONSTRUCTION DOCUMENTS	12/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20245580

DRAWN BY: BRJ / EJS

CHECKED BY: CC

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Print Name: CRAYS CLARK

Signature: *Crays Clark*

Date: 12/16/2025 License #: 55335

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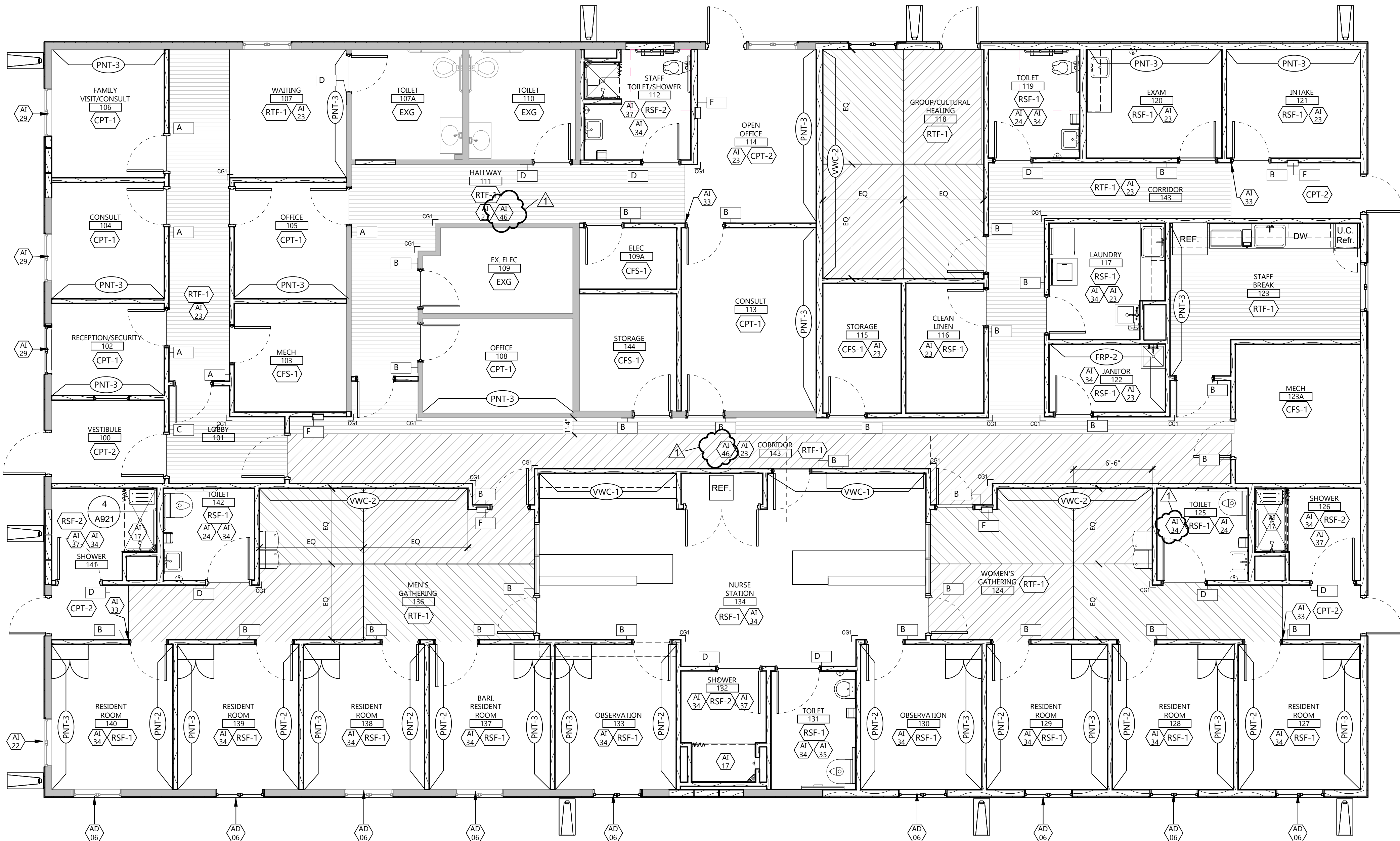
INTERIOR ELEVATIONS

A701

Plot Date: 1/27/2025 1:58:29 PM

1
A901

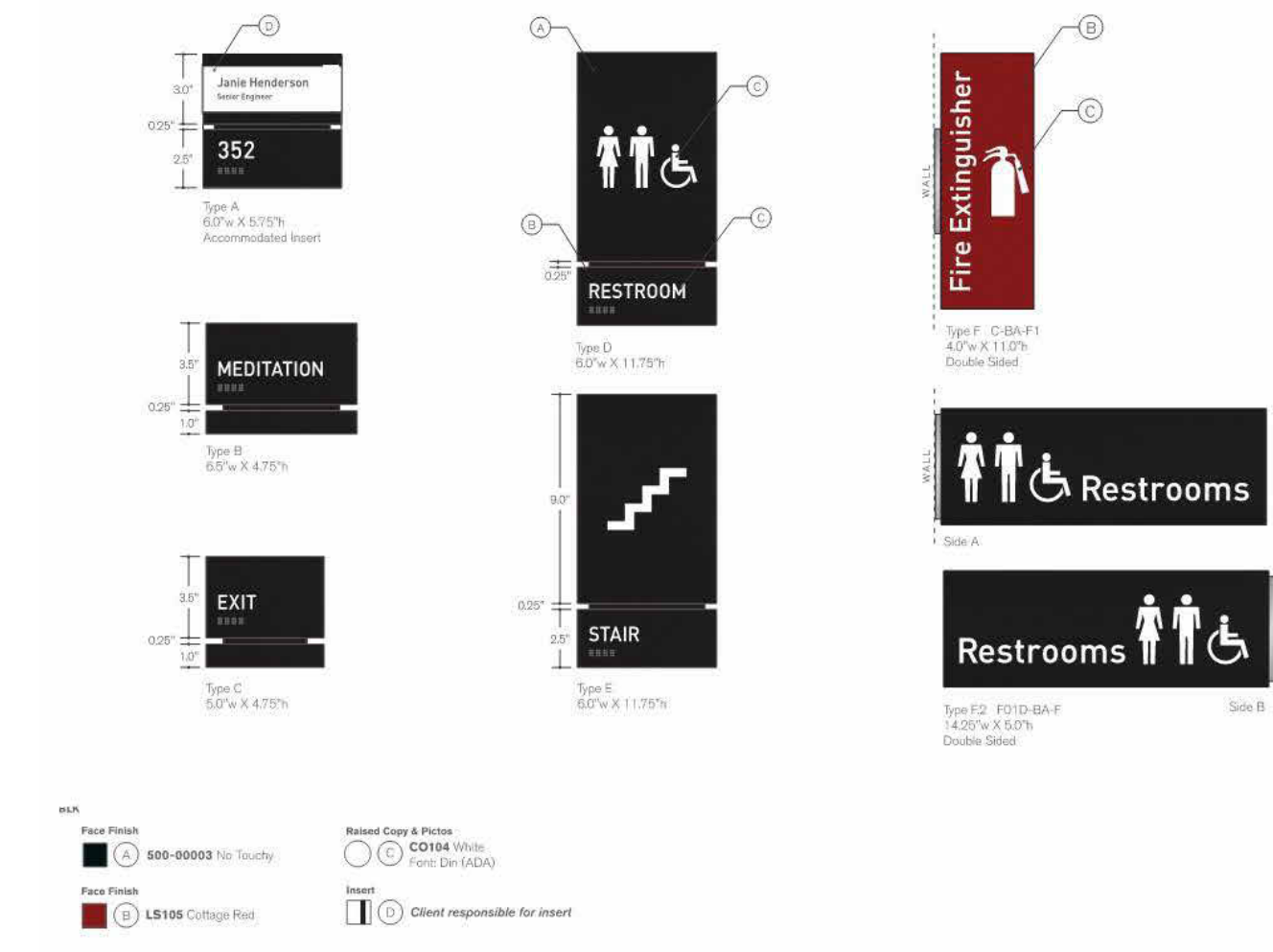
FIRST FLOOR FINISH PLAN
3/16" = 1'-0"



SIGNAGE SCHEDULE			
LOCATION	SIGN TYPE	SIGN MESSAGE	REMARKS
136	B	MEN'S GATHERING	
134	B	STAFF	
134	B	NURSE STATION	
132	D	SHOWER	
131	D	RESTROOM	
130	B	OBSERVATION	
133	B	OBSERVATION	
137	B	RESIDENT ROOM	
138	B	RESIDENT ROOM	
139	B	RESIDENT ROOM	
140	B	RESIDENT ROOM	
141	D	SHOWER	
142	D	TOILET	
129	B	RESIDENT ROOM	
128	B	RESIDENT ROOM	
127	B	RESIDENT ROOM	
126	D	SHOWER	
125	D	RESTROOM	
124	B	WOMEN'S GATHERING	
123A	B	MECHANICAL	
123	B	STAFF BREAKROOM	
122	B	JANITOR	
121	B	INTAKE	
120	B	EXAM	
119	D	RESTROOM	

SIGNAGE SCHEDULE			
LOCATION	SIGN TYPE	SIGN MESSAGE	REMARKS
118	B	GROUP HEALING	
116	B	CLEAN LAUNDRY	
117	B	LAUNDRY	
115	B	STORAGE	
113	B	CONSULT	
144	B	STORAGE	
100	C	VESTIBULE	
102	A	RECEPTION / SECURITY	
104	A	CONSULT	
106	A	FAMILY VISIT CONSULT	
107A	D	RESTROOM	
110	D	RESTROOM	
112	D	STAFF RESTROOM / SHOWER	
109A	B	ELECTRICAL	
113	B	CONSULT	
109	B	ELECTRICAL	
108	B	OFFICE	
103	A	MECHANICAL	
105	A	OFFICE	
134	B	STAFF	
136	F	FIRE EXTINGUISHER	
114	F	FIRE EXTINGUISHER	
124	F	FIRE EXTINGUISHER	
143	F	FIRE EXTINGUISHER	
143	F	FIRE EXTINGUISHER	

SIGN SYMBOLS AND MOUNTING HEIGHTS



FINISH LEGEND

- PT-X WALL FINISH SYMBOL
- CT-X FLOOR FINISH SYMBOL
- EXG EXISTING FLOOR FINISH TO REMAIN

GENERAL FINISH NOTES

- REFER TO FINISH PLANS AND ROOM ELEVATIONS FOR ADDITIONAL FINISH LOCATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALLOWING FOR DELIVERY LEAD TIMES FOR ALL FINISHES SPECIFIED WITHIN THE CONSTRUCTION SCHEDULE. ALL DELIVERY TIMES MUST BE CONFIRMED, AND ANY EXCESSIVE LEAD TIME MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY TO ALLOW FOR RE-SPECIFICATION IF NECESSARY.
- ALL TRANSITIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER CENTER OF DOOR, WHERE OCCURS, UNO.
- WHERE TRANSITION OF DISSIMILAR FLOORING MATERIALS OCCUR, THEY SHALL BE LOCATED DIRECTLY UNDER THE CENTER LINE OF DOOR OPENINGS UNO.
- ALL CRACKS, HOLES, IMPERFECTIONS IN EXISTING WALLS, PARTITIONS OR GYP BOARD SHALL BE FILLED WITH PATCHING PLASTER AND SMOOTHED OFF TO MATCH ADJOINING SURFACES.
- ALL SEALANTS TO MATCH SURFACE IN WHICH THEY OCCUR.
- JOINTS IN RESILIENT BASE SHALL NOT OCCUR CLOSER THAN 6" FROM CORNER AND SHALL BE BUTTED TIGHTLY TOGETHER.
- PAINT ALL MISCELLANEOUS ITEMS SCHEDULED TO BE PAINTED, PAINT TO MATCH THE SURFACE IN WHICH THEY OCCUR.
- ALL EXPOSED MECHANICAL AND ELECTRICAL ITEMS SCHEDULED TO BE PAINTED SHALL BE PAINTED TO MATCH ADJACENT FINISHES.
- UPON COMPLETION, REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED OR SPLATTERED ON EXPOSED SURFACES.
- EXAMINE ALL FINISH SURFACES AFTER COMPLETION OF WORK AND PROCEED WITH "TOUCH-UP" AS REQUIRED.
- UNDERSIDE OF SOFFITS (WHERE OCCURS) TO RECEIVE A FINISH TO MATCH THE ADJACENT SOFFIT VERTICAL FINISH, UNO.
- PAINT CEILING ACCESS PANELS WHERE THEY OCCUR TO MATCH ADJACENT CEILING FINISH.
- STAINED AND PAINTED SURFACES SHALL BE FINISHED SUCH THAT JOINTS ARE NOT VISIBLE WHEN VIEWED FROM ANY ANGLE AS DETERMINED BY THE ARCHITECT.
- PROVIDE CORNER GUARDS AT OUTSIDE CORNERS AS INDICATED, UNO.
- ALL COVER PLATES, SWITCHES, OUTLETS, RECEPTACLES AND DEVICES TO BE WHITE, UNO.

GENERAL SIGNAGE NOTES

- THE SIGNAGE VENDOR SHALL COORDINATE WITH THE ARCHITECT FOR FINAL SIGNAGE MESSAGING, FINAL MOUNTING LOCATIONS, AND ANY REVISIONS TO THE SIGNAGE LOCATIONS AND TYPES.
- FINAL SIGNAGE DRAWINGS AND SCHEDULE SHALL BE PROVIDED BY THE SIGNAGE VENDOR, SEE SPEC.
- ALL SIGNAGE SHOULD FOLLOW ADA GUIDELINES.
- ALL SIGNS AND MESSAGES ARE SUBJECT TO FINAL APPROVAL BY OWNER.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- AD BASE BID; WDW TO REMAIN; ADD ALT #02: REMOVE WDW, FRAME & HARDWARE; REPLACE. 06
- AI 17 INSTALL SSF-2 FULL HEIGHT AT SHOWER WALLS.
- AI 22 WT-1 - ROLLER SHADES.
- AI 23 FEILD PAINT TO BE PNT-2.
- AI 24 INSTALL FRP-1 TO 74" ABOVE WALL BASE.
- AI 29 WT-2 HORIZONTAL ALUMINUM BLINDS.
- AI 33 ALIGN.
- AI 34 INSTALL 4" RSF INTEGRAL COVED BASE.
- AI 35 INSTALL FRP-1 FULL HEIGHT.
- AI 37 FEILD PAINT TO BE PNT-5.
- AI 46 PREP EXISTING WALLS TO LEVEL 4 FINISH SKIM COAT TO RECIEVE PAINT FINISH.



Architecture	Engineering
Interior Design	Industrial

TELE 218.751.0151 FAX 218.751.0170

222 Third Street NW, Bemidji MN 56601

www.eapc.net

CONSULTANTS

CLIENT

WHITE EARTH NATION

PROJECT DESCRIPTION

MAHNM WE
WITHDRAWAL MGMT
FACILITY

CITY

MAHNOMEN

STATE

MN

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1	ADDENDUM #2	01/22/2026
Mark	CONSTRUCTION DOCUMENTS	12/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20245580

DRAWN BY: EJS

CHECKED BY: MRP

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Print Name: CRAIG CLARK

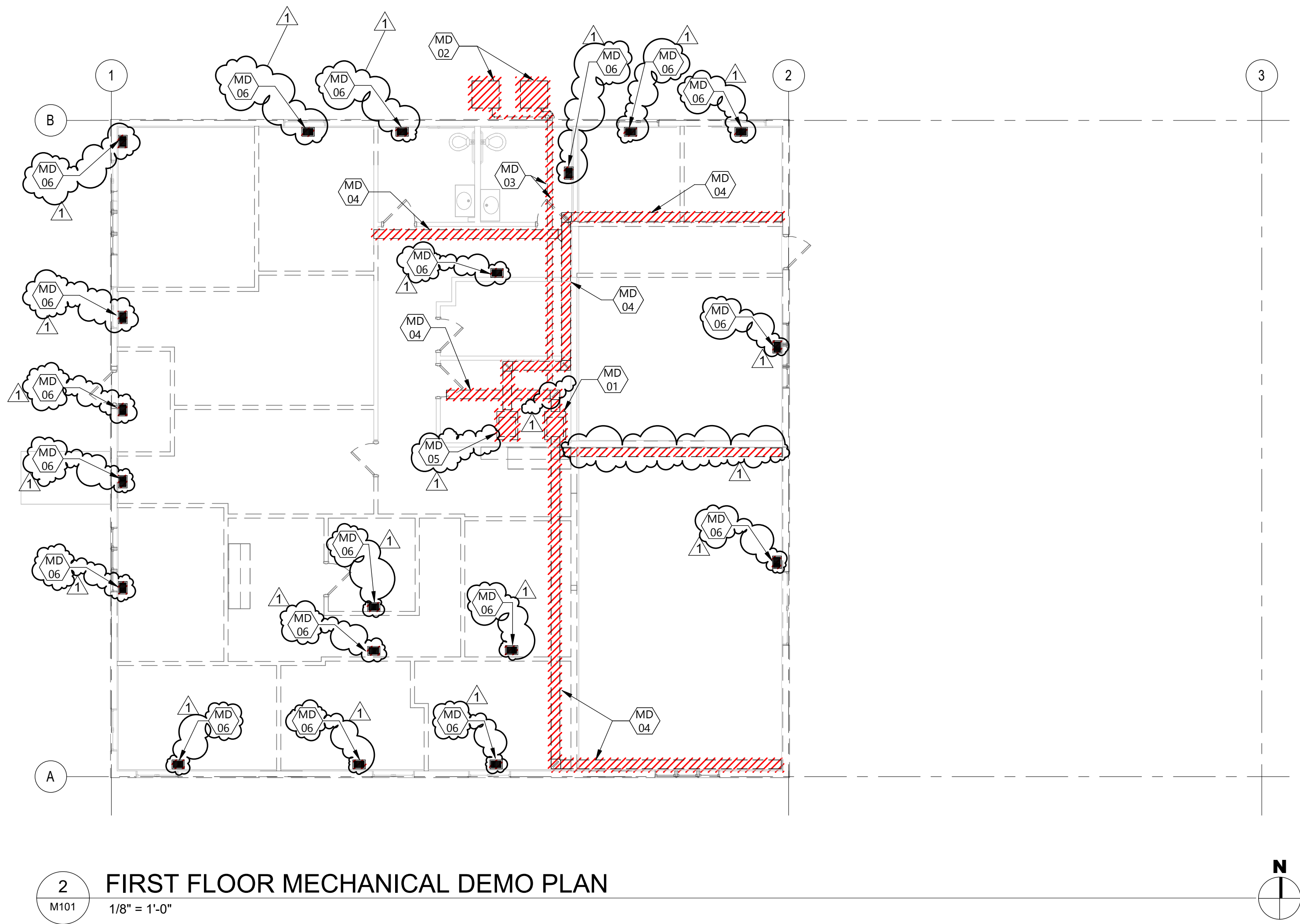
Signature:

Date: 12/16/2025 License #: 55335

DRAWING TITLE

FIRST FLOOR INTERIOR
FINISH PLAN,
SCHEDULES

A901



KEYNOTE LEGEND:

< < < INDICATES KEYNOTE ON PLAN

MD 01

DISCONNECT, REMOVE & DISPOSE OF EXISTING FURNACE AND COOLING COIL AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED.

MD 02

DISCONNECT, REMOVE & DISPOSE OF EXISTING CONDENSING UNITS AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED.

MD 03

DISCONNECT, REMOVE & DISPOSE OF EXISTING REFRIGERATION LINE SETS AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED.

MD 04

DISCONNECT, REMOVE & DISPOSE OF EXISTING DUCTWORK AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED.

MD 05

DISCONNECT, REMOVE & DISPOSE OF EXISTING FURNACE AND COOLING COIL AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED. CONCRETE CONTRACTOR TO PATCH HOLE IN FLOOR.

MD 06

DISCONNECT, REMOVE & DISPOSE OF EXISTING FLOOR REGISTER AS INDICATED BY HATCH. FIELD VERIFY EXACT LOCATION AS REQUIRED. CONCRETE CONTRACTOR TO PATCH HOLE IN FLOOR.

Architecture
Interior Design

Engineering
Industrial

TELEPHONE 218.751.0151
222 Third Street NW, Bemidji MN 56601
www.eapc.net

CONSULTANTS

CLIENT
WHITE EARTH NATION

PROJECT DESCRIPTION
MAHNM WE
WITHDRAWAL MGMT
FACILITY

CITY MAHNOMEN
STATE MN

ISSUE DATES

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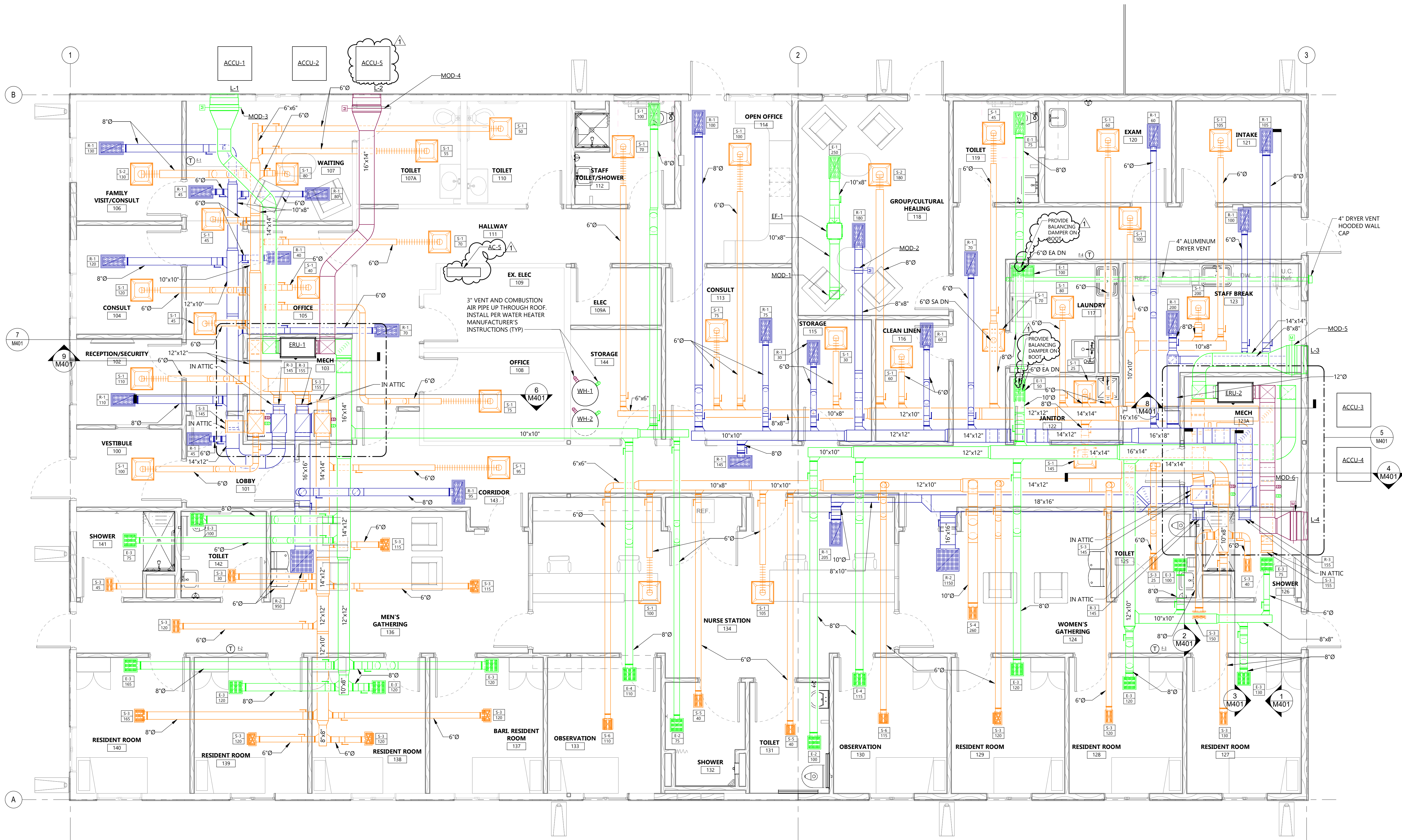
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Print Name: TYLER COULOMBE
Signature: _____
Date: 12-16-2025 License #: 56165

DRAWING TITLE
FIRST FLOOR
MECHANICAL
DEMOLITION PLAN

M101

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GENERAL NOTES

1. ALL HORIZONTAL DUCTWORK SHOWN IS TO RUN IN THE HEATED ATTIC SPACE BETWEEN AND THROUGH ROOF TRUSSES UNLESS OTHERWISE NOTED OR SHOWN ON PLANS.
2. PROVIDE TAMPER PROOF COVERS ON ALL THERMOSTATS.
3. REFRIGERANT PIPING FROM ACCU TO FURNACE TO BE ROUTED IN ATTIC AND INSTALLED PER MANUFACTURER'S REQUIREMENTS.
4. PROVIDE REFRIGERANT DETECTOR. IF REFRIGERANT IS DETECTED THE SUPPLY FAN SHALL BE ON, HEATING SHALL BE ACTIVATED AS NEEDED, COOLING OFF, AND AN ALARM SHALL BE DISPLAYED.



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WHITE EARTH NATION

PROJECT DESCRIPTION
MAHNM WE
WITHDRAWAL MGMT
FACILITY

CITY MAHNOMEN
STATE MN

ISSUE DATES

1	ADDENDUM #2	01/27/2026
CD	CONSTRUCTION DOCUMENTS	12/16/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20245580

DRAWN BY: AL

CHECKED BY: JV

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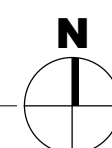
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: TYLER COULOMBE
Signature: _____
Date: 12-16-2025 License #: 56165

DRAWING TITLE
FIRST FLOOR
VENTILATION PLAN

M301

1 FIRST FLOOR VENTILATION PLAN
M301 1/4" = 1'-0"



ENERGY RECOVERY SCHEDULE

TAG	MANUFACTURER MODEL	AREA SERVED	SA CFM	EA CFM	SA E.S.P. " W.G.	EA E.S.P. " W.G.	SA FAN HP	EA FAN HP	ENERGY RECOVERY								ROOM CONDITIONS		V / PH	ELECTRICAL		FLA (A) (PER MOTOR)	NOTES:
									EFFECTIVENESS %			WINTER		SUMMER									
									SENSIBLE	WINTER	SUMMER	EAT	LAT	EAT	LAT	WINTER	SUMMER	MCA (A)	MOP (A)				
ERU-1	RENEWAIRE HE10-JINH	F-1 AND F-2	985	985	0.5"	0.75"	0.70	0.70	65.6%	65.4%	44.4%	-30	35.4	87.5 / 70.8	79.3 / 67.2	70 / 58	75 / 63	208 / 1	3.9	15.0	1.73	1, 2, 3	
ERU-2	RENEWAIRE HE10-JINH	F-3 AND F-4	985	985	0.5"	0.75"	0.70	0.70	65.6%	65.4%	44.4%	-30	35.4	87.5 / 70.8	79.3 / 67.2	70 / 58	75 / 63	208 / 1	3.9	15.0	1.73	1, 2, 3	

1. PROVIDE FLEXIBLE CONNECTIONS ON ALL DUCTWORK CONNECTIONS TO UNIT.
2. PROVIDE SINGLE POINT POWER CONNECTION WITH FUSED DISCONNECT.
3. UNIT SHALL HAVE EC MOTORS.

FURNACE SCHEDULE

TAG	CFM	O.A.	ESP.	INPUT MBH	OUTPUT MBH	BLOWER DRIVE	MANUFACTURER MODEL	AFUE	ELECTRICAL			NOTES:
									V / PH	MOP (A)	FLA (A)	
F-1	1,100	100 CFM FROM ERU-1	0.7	39.0 / 60.0	38.45 / 57.7	DIRECT 3/4 HP	TRANE S9V2B060	97.0%	115 / 1	15.0	9.6	1, 2, 3, 4, 5
F-2	1,200	885 CFM FROM ERU-1	0.7	39.0 / 60.0	38.45 / 57.7	DIRECT 3/4 HP	TRANE S9V2B060	97.0%	115 / 1	15.0	9.6	1, 2, 3, 4, 5
F-3	1,600	760 CFM FROM ERU-2	0.7	39.0 / 60.0	38.45 / 57.7	DIRECT 3/4 HP	TRANE S9V2B060	97.0%	115 / 1	15.0	9.6	1, 2, 3, 4, 5
F-4	1,500	225 CFM FROM ERU-2	0.7	39.0 / 60.0	38.45 / 57.7	DIRECT 3/4 HP	TRANE S9V2B060	97.0%	115 / 1	15.0	9.6	1, 2, 3, 4, 5

1. FUEL IS PROPANE, UNIT SHALL HAVE TWO STAGE HEAT.
2. LOW VOLTAGE WIRING BY MECHANICAL CONTRACTOR
3. DX COIL SHALL BE MATCHED WITH CORRESPONDING CONDENSING UNIT. PROVIDE UNIT WITH DX CASED A-COIL.
4. UNIT SHALL BE UPFLOW ORIENTATION.
5. PROVIDE WITH FACTORY REFRIGERANT MONITOR AND MITIGATION CONTROLS.

AIR COOLED CONDENSING UNIT

TAG	CONTROLLED BY	COOLING BTUH (NOMINAL)	SEER	ELECTRICAL			TRANE MODEL #	NOTES:
				V / PH	MCA (A)	MOP (A)		
ACCU-1	F-1	24,000		208-230 / 1	14.0	20.0	5TTR3024A1000	1, 2
ACCU-2	F-2	24,000		208-230 / 1	14.0	20.0	5TTR3024A1000	1, 2
ACCU-3	F-3	36,000		208-230 / 1	18.0	30.0	5TTR3036A1000	1, 2
ACCU-4	F-4	36,000		208-230 / 1	18.0	30.0	5TTR3036A1000	1, 2

- MCA - MINIMUM CIRCUIT AMPACITY
1. 4" CONCRETE HOUSEKEEPING PAD FOR AIR COOLED CONDENSING UNITS BY MECHANICAL CONTRACTOR
2. DISCONNECT BY DIV. 26

ELECTRIC HEATING COIL SCHEDULE

TAG	CFM	COIL CAP. (KW)		COIL SIZE HEATING (W"x H")	V / PH	ELECTRICAL			NOTES:
						FLA	MCA	MOP	
EHC-1	985		7	16" x 14"	208 / 1	33.65	42.06	45	1, 2, 3
EHC-2	985		7	16" x 14"	208 / 1	33.65	42.06	45	1, 2, 3

1. PROVIDE WITH FUSABLE DISCONNECT.
2. PROVIDE WITH SCR CONTROL WITH 0-10V INPUT.
3. SELECTION BASED ON THERMOLEC. MSC0-10LS-1002-0000

FAN SCHEDULE

TAG	CFM	E.S.P.	MOTOR SIZE		V / PH	FLA	MCA	MOP	RPM	FRPM	DRIVE	MANUFACTURER	MODEL	SOUND DATA (INLET)					SONES	NOTES:
			BHP	HP										62.5	125	250	500	dBA		
EF-1	250	0.38	0.04	0.17	115 / 1	2.8	3.5	15	1,337	-	DIRECT	GREENHECK	SQ-90-VG	68	68	64	57	50	5.7	1, 2

1. FAN SHALL BE UL LISTED
2. FAN SHALL HAVE EC MOTOR. SPEED CONTROLLER TO COME WITH FAN

MOTORIZED DAMPER SCHEDULE

TAG	SIZE		DAMPER ACTUATOR	DAMPER OPERATION	NOTES:
	WIDTH	HEIGHT			
MOD-1	10"	8"	24V	OPEN/CLOSED	1
MOD-2	8"	8"	24V	OPEN/CLOSED	1
MOD-3	30"	30"	24V	OPEN/CLOSED	1
MOD-4	30"	30"	24V	OPEN/CLOSED	1
MOD-5	30"	30"	24V	OPEN/CLOSED	1
MOD-6	30"	30"	24V	OPEN/CLOSED	1

1. LOW VOLTAGE WIRING BY MECHANICAL CONTRACTOR

REGISTER-GRILLE-DIFFUSER SCHEDULE

						1 = STEEL 2 = ALUM. 3= S. STEEL	1 = OFFWHITE 2 = CLEAR ALUM 3 = BRUSHED ALUM	MANUF. UNLESS NOTED OTHERWISE	NOTES
TAG	TYPE	FACE	NECK SIZE	FRAME	CFM	MATERIAL	FINISH	PRICE MODEL	
S-1	S	SQUARE CONE / SURFACE MOUNT	6"Ø	24"x 24"	0-125	1	1	SCD	2, 3
S-2	S	SQUARE CONE / SURFACE MOUNT	8"Ø	24"x 24"	126-244	1	1	SCD	2, 3
S-3	S	FIXED GRILLE	12"x 6"	13-3/4"x 7-3/4"	SEE PLAN	1	1	520	4, 5, 8
S-4	S	FIXED GRILLE	12"x 8"	13-3/4"x 9-3/4"	SEE PLAN	1	1	520	4, 5, 8
S-5	S	MAX SECURITY FIXED GRILLE	9"x 9"	12-1/4"x 12-1/4"	101-200	1	1	MSRRCD	4, 5, 6
S-6	S	MAX SECURITY FIXED GRILLE	9"x 9"	12-1/4"x 12-1/4"	101-200	1	1	MSRRCD	4, 5, 6, 8
R-1	R	EGG CRATE / SURFACE MOUNT	-	12"x 24"	SEE PLAN	2	1	80	5, 7
R-2	R	EGG CRATE / SURFACE MOUNT	-	24"x 24"	SEE PLAN	2	1	80	5, 7, 8
R-3	R	FIXED GRILLE	12"x 6"	13-3/4"x 7-3/4"	SEE PLAN	1	1	510Z	5
E-1	E	EGG CRATE / SURFACE MOUNT	-	12"x 24"	SEE PLAN	2	1	80	5, 7
E-2	E	MAX SECURITY FIXED GRILLE	10"x 10"	12"x 12"	126-240	1	1	MSRRP	5, 6, 7
E-3	E	EGG CRATE / SURFACE MOUNT	-	12"x 12"	SEE PLAN	2	1	80	5, 7, 8
E-4	E	MAX SECURITY FIXED GRILLE	10"x 10"	12"x 12"	126-240	1	1	MSRRP	5, 6, 7, 8

1. LAY-IN CEILING, VERIFY TYPE WITH ARCHITECTURAL PLANS.
2. FLEXIBLE DUCT SIZE SHALL MATCH DIFFUSER NECK SIZE.
3. SURFACE MOUNTED WITH PLASTER FRAME
4. FABRICATE AND PROVIDE WITH FIBER FREE INSULATED PLENUM.
5. SURFACE MOUNTED
6. GRILLE TO BE THREAD RESISTANT WITH COUNTERSUNK SECURITY FASTENERS.
7. FABRICATE AND PROVIDE WITH PLENUM.
8. PROVIDE WITH GREENHECK CEILING RADIATION DAMPER FOR WOOD TRUSSES CRD-1WT. PROVIDE FACTORY PLENUM, DUCT COLLAR ON WIDE SIDE.

LOUVER SCHEDULE

TAG	MANUFACTURER & MODEL #	CFM	FREE AREA (FT2)	VELOCITY (FT/MIN)	PRESSURE DROP (IN W.C.)	LOUVER SIZE			FINISH	MATERIAL	NOTES:
						WIDTH	HEIGHT	DEPTH			
L-1	GREENHECK ESD-435	985	2.32	425	0.03	30"	24"	4"	COLOR SELECTION BY ARCHITECT	ALUMINUM	1, 2, 3
L-2	GREENHECK ESD-435	985	2.32	425	0.03	30"	24"	4"	COLOR SELECTION BY ARCHITECT	ALUMINUM	1, 2, 3
L-3	GREENHECK ESD-435	985	2.32	435	0.03	30"	24"	4"	COLOR SELECTION BY ARCHITECT	ALUMINUM	1, 2, 3
L-4	GREENHECK ESD-435	985	2.32	435	0.03	30"	24"	4"	COLOR SELECTION BY ARCHITECT	ALUMINUM	1, 2, 3

1. MANUFACTURER TO PROVIDE LOUVER WITH 1/2"x 1/2" BIRDSCREEN
2. COLOR SELECTION BY ARCHITECT.
3. INSTALLED BY M.C.

SPLIT SYSTEM SCHEDULE

TAG	ROOM	MANUFACTURER	MODEL #	UNIT TYPE	OUTDOOR UNIT	CFM	COOLING MBH (TOTAL)	SEER	SYSTEM POWER V/PH/HZ	MOCP	MCA	SYSTEM TYPE	NOTES
AC-5	EX. ELEC 109	mitsubishi	PKA-AL12NL	INDOOR	ACCU-5	385	12.0	-	208 / 1 / 60	-	-	MINI-SPLIT	1, 2
ACCU-5	-	mitsubishi	PUY-AK12NL	OUTDOOR	-	-	12.0	21.1	208 / 1 / 60	30.0	16.0	MINI-SPLIT	3, 4

1. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE UNITS COMPLETE WITH WIRED REMOTE THERMOSTAT.
3. INSTALL OUTDOOR UNITS PER MANUFACTURER'S REQUIREMENTS FOR SERVICE & OPERATING CLEARANCES.
4. PROVIDE WITH ALL ACCESSORIES FOR LOW AMBIENT CONTROL DOWN TO -40°F.



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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: TYLER COULOMBE

Signature: _____

Date: 12-16-2025 License #: 56165

DRAWING TITLE

MECHANICAL
SCHEDULES

M801

SECTION DIVISIONS 26, 27, AND 28

ELECTRICAL SPECIFICATIONS

26 0000 SCOPE OF WORK:

1.1 THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE PROJECT IN CONFORMITY WITH THE DRAWINGS, SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

- a. MATERIALS FURNISHED SHALL INCLUDE, BUT NOT BE LIMITED TO RACEWAYS, CONDUCTORS, SWITCHES, RECEPTACLES, LIGHT FIXTURES, NECESSARY HANGERS AND SUPPORTS, SERVICE ENTRANCE, PANELS, ELECTRIC HEAT, ETC.
- b. LABOR SHALL INCLUDE THE INSTALLING AND CONNECTING OF MATERIALS NOTED IN PARAGRAPH (1.5) AND AS SHOWN ON THE DRAWINGS.

1.2 THE INSTALLATION SHALL COMPLY WITH LOCAL, STATE AND NATIONAL ELECTRICAL CODES. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR FEES, PERMITS AND INSPECTIONS.

1.3 BEFORE SUBMITTING A PROPOSAL ON THE WORK CONTEMPLATED, EACH BIDDER SHALL VISIT THE SITE(S) AND FAMILIARIZE THEMSELF WITH ALL EXISTING CONDITIONS AND LIMITATIONS. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF THE CONTRACTOR'S KNOWLEDGE OF ANY EXISTING CONDITIONS.

1.4 THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH ALL OTHER TRADES. CONTRACTOR TO COORDINATE SCHEDULING OF THE WORK AND TENANT'S SECURITY VENDOR.

1.5 SCOPE OF WORK IS COMPRISED OF THE FOLLOWING: PROVIDE NEW SERVICE, LIGHTING, POWER, DATA, AND RECEPTACLES AND INDICATED FOR THE NEW BUILDING.

26 0010 SUPPLEMENTAL REQUIREMENTS FOR ELECTRICAL:

1.1 SEQUENCING - CONDUCT AND SUBMIT RESULTS OF POWER SYSTEM STUDIES PRIOR TO SUBMITTING PRODUCT DATA AND SHOP DRAWINGS FOR ELECTRICAL EQUIPMENT.

1.2 CLOSE OUT SUBMITTALS — CONTRACTOR TO PROVIDE OPERATION AND EQUIPMENT MANUALS TO OWNER ON USB MEDIA WHICH IS CLEARLY AND PERMANENTLY LABELED.

26 0050 BASIC ELECTRICAL REQUIREMENTS

1.1 TEMPORARY POWER — THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY POWER AND LIGHTING AS MAY BE REQUIRED FOR CONSTRUCTION OR AS REQUIRED TO MAINTAIN CRITICAL OPERATIONS DURING CHANGEOVER OF FEEDERS OR SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, MAKING ALL ARRANGEMENTS, AND MAKING ALL CONNECTIONS REQUIRED FOR TEMPORARY POWER AND LIGHTING OF ALL TRADES.

1.2 ALL MATERIALS AND EQUIPMENT SHALL CONFORM TO UL OR NRTL STANDARDS AND BE CLEARLY IDENTIFIED WITH NRTL LABEL.

1.3 THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UTILITIES AND TO THE BUILDING.

1.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL INSPECTION BY AN INDEPENDENTLY APPROVED INSPECTION AGENCY. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL ADJUST ALL EQUIPMENT AND TEST ALL SYSTEMS AT THE DIRECTION OF OWNER/ENGINEER.

1.5 ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND QUALIFIED PERSONNEL IN A NEAT AND WORKMANLIKE MANNER.

1.6 ALL CIRCUITING SHOWN IS DIAGRAMMATICAL. THE CONTRACTOR SHALL PROVIDE JUNCTION AND PULL BOXES AS REQUIRED BY NFPA 70, NATIONAL ELECTRICAL CODE CURRENT EDITION. ALL SYMBOLS AND ABBREVIATIONS SHOWN ON DRAWINGS ARE NOT NECESSARILY USED HEREIN.

1.7 THE CONTRACTOR SHALL REFER TO DIVISION 23 HVAC MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING OF HVAC MECHANICAL EQUIPMENT.

1.8 PROVIDE ALL MATERIALS, LABOR, EQUIPMENT AND TOOLS NECESSARY FOR A COMPLETE AND WORKABLE ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), LOCAL AND STATE CODES HAVING JURISDICTION AND APPLICABLE MANUFACTURER'S RECOMMENDATIONS.

1.9 IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY THE ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT PROVIDED BY THE ELECTRICAL CONTRACTOR OR FURNISHED BY OTHERS, INCLUDING THE OWNER / TENANT. COORDINATE ANY INCOMPATIBLE ELECTRICAL CHARACTERISTICS WITH ENGINEER PRIOR TO INSTALLATION.

1.10 WHERE CONDUITS PASS THROUGH FIRE RESISTING PORTIONS OF THE STRUCTURE, THE ANNULAR SPACE BETWEEN THE STRUCTURE AND THE CONDUITS SHALL BE FILLED WITH AN APPROVED FIREPROOF MATERIAL.

1.11 THE ELECTRICAL CONTRACTOR SHALL FURNISH THE OWNER WITH A WRITTEN GUARANTEE FOR THE PERIOD OF ONE YEAR AGAINST THE FAILURE OF THE ELECTRICAL SYSTEM DUE TO FAULTY MATERIALS OR WORKMANSHIP. GUARANTEE PERIOD SHALL START AT THE DATE OF THE FINAL ACCEPTANCE BY THE ARCHITECT/ENGINEER. ALL SUCH DEFECTS MUST BE REPAIRED OR DEFECTIVE MATERIALS REPLACED BY THE ELECTRICAL CONTRACTOR AT HIS EXPENSE.

26 519 LOW VOLTAGE — ELECTRICAL POWER CONDUCTORS AND CABLES

2.1 ALL CONDUCTORS AND CABLE SHALL BE DRAWN COPPER CURRENT — CARRYING CONDUCTOR WITH AN OVERALL INSULATION LAYER OR JACKET, OR BOTH RATED 600V OR LESS.

- a. LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND USE.
- b. CONDUCTOR AND CABLE MARKING: COMPLY WITH WIRE AND CABLE MARKING ACCORDING TO UL'S "WIRE AND CABLE MARKING AND APPLICATION GUIDE."
- c. THE MINIMUM WIRE SIZE SHALL NOT BE SMALLER THAN #12 AWG GAUGE CONDUCTOR, UNLESS OTHERWISE NOTED ON DRAWINGS. LARGER SIZES SHALL BE USED AS INDICATED ON THE DRAWINGS, BUT IN NO CASE SHALL THE CONDUCTOR BE SMALLER THAN THAT IS REQUIRED BY THE N.E.C.

2.2 CONDUCTOR INSULATION ON SIZE 4 AWG AND SMALLER SHALL BE TYPE THW, THHN, OR THWN-2. COMPLY WITH UL 83.

2.3 CONDUCTOR INSULATION ON SIZE 2 AWG AND LARGER SHALL BE XHHW-2. COMPLY WITH UL 44.

2.4 CONDUCTOR INSULATION FOR VFD BRANCH CIRCUITS SHALL BE XHHW-2.

2.5 CONDUCTORS INSTALLED IN DAMP AND WET LOCATIONS SHALL BE THW AND THW-2.

2.6 MANUFACTURERS — COPPER BUILDING WIRE:

- a. A WIRE COMPANY.
- b. BELDEN INC.
- c. GENERAL CABLE.
- d. OKONITE COMPANY.
- e. SOUTHWIRE COMPANY.

2.7 MC CABLE SHALL BE ALLOWED FOR CONCEALED LOCATIONS FOR USE WITH CIRCUITS AND HOME RUNS. SERVICE ENTRY AND FEEDER SHALL BE IN CONDUIT.

3.1 CONDUCTOR MATERIAL APPLICATIONS

a. FEEDERS AND BRANCH CIRCUITS SHALL BE SOLID COPPER FOR 12 AWG AND SMALLER; STRANDED FOR 10 AWG OR LARGER.

3.2 CONDUCTOR INSULATION APPLICATIONS AND WIRING METHODS

- a. SERVICE ENTRANCE: TYPE XHHW-2, SINGLE CONDUCTORS IN RACEWAY
- b. EXPOSED FEEDERS: TYPE THHN/THWN-2, SINGLE CONDUCTORS IN RACEWAY
- c. FEEDERS CONCEALED IN CEILINGS, WALLS, PARTITIONS, AND CRAWLSPACES: TYPE THHN/THWN-2, SINGLE CONDUCTORS IN RACEWAY
- d. FIRE ALARM: TYPE THHN/THWN-2, SINGLE CONDUCTORS IN RED RACEWAY

26 0533 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS

1.1 CONDUIT FOR BRANCH CIRCUITS SHALL BE EMT WITH STEEL CONNECTORS AND FITTINGS, PROVIDE BUSHINGS AT BOXES AND CABINETS.

1.2 PROVIDE A GROUNDING CONDUCTOR IN EACH CONDUIT.

1.3 ALL WIRING CONCEALED UNLESS NOTED OTHERWISE.

26 0553 IDENTIFICATION FOR ELECTRICAL SYSTEMS

1.1 IDENTIFICATION OF PANELBOARD, DISCONNECTS, VFD, AND OTHER ELECTRICAL CONTRACTOR EQUIPMENT SHALL CONFORM TO EXISTING BUILDING STANDARDS.

1.2 FOR NEW CONSTRUCTION PANELBOARD, SWITCHBOARDS, DISCONNECTS, AND OTHER ELECTRICAL EQUIPMENT SHALL CONTAIN THE FOLLOWING INFORMATION:

- a. FIRST LINE SHALL CONTAIN PANEL NAME AS INDICATED ON DRAWINGS. EXAMPLE: MDP
- b. SECOND LINE SHALL CONTAIN PANEL/EQUIPMENT VOLTAGE AND PANEL/EQUIPMENT AMPACITY. EXAMPLE: 480/277V 3PH 4W 400A
- c. THIRD LINE SHALL CONTAIN PANEL AND CIRCUIT INFORMATION THAT PANEL/EQUIPMENT IS FED FROM. EXAMPLE: FED FROM MAIN PANEL WITH 400A BREAKER
- d. FOURTH LINE SHALL BE CALCULATED FAULT CURRENT AT DEVICE LOCATION. EXAMPLE: CALCULATED FAULT CURRENT 54,324A.

1.3 LABEL SHALL BE ENGRAVED 1/6" PLASTIC DUAL LAYER IMPACT ACRYLIC WITH MATTE SUFACE RATED FOR INDOOR AND OUTDOOR INSTALLATIONS. LABEL SHALL BE SIZED AT 1-1/2" X 3" TO ACCOMMODATE 4 LINES OF TEXT.

1.4 LABEL COLOR FOR NORMAL POWER SHALL BE BLACK WITH WHITE LETTERING. EMERGENCY PANELS SHALL BE RED WITH WHITE LETTERING.

26 0923 LIGHTING CONTROL DEVICES

2.1 PROVIDE LIGHTING CONTROL DEVICES AS NOTED ON DRAWINGS.

2.2 MANUFACTURERS:

a. ACUITY BRANDS INC.

b. WATTSTOPPER

c. CRESTRON

d. OR APPROVED EQUAL

2.3 TIME SWITCHES

a. ELECTRONIC TIME SWITCH SHALL BY INTERMATIC INC OR APPROVED EQUAL.

b. SWITCHES SHALL BE LOCATED IN UL LISTED INCLOSURE AS INDICATED ON DRAWINGS.

2.4 LIGHTING CONTACTORS SHALL BE MECHANICALLY OR ELECTRONICALLY HELD COMBINATION TYPE. SEE DRAWINGS FOR CONTACTOR RATING AND QUANTITY OF POLES.

3.1 INSTALLATION

a. INSTALL AND AIM SENSORS IN LOCATIONS TO ACHIEVE NOT LESS THAN 90 PERCENT COVERAGE OF THE AREAS INDICATED. DO NOT EXCEED THE COVERAGE LIMITS SPECIFIED IN MANUFACTURER'S WRITTEN INSTRUCTIONS.

b. OCCUPANCY ADJUSTMENTS: WHEN REQUESTED WITHIN 12 MONTHS FROM DATE OF SUSTANTIAL COMPLETION PROVIDE ON-SITE ASSISTANCE IN ADJUSTING SENSOR TO SUIT ACTUAL OCCUPIED CONDITIONS. PROVIDE UP TO TWO VISITS TO PROJECT DURING OTHER-THAN-NORMAL OCCUPANCY HOURS FOR THIS PURPOSE.

3.2 FIELD QUALITY CONTROL

a. PERFORM THE FOLLOWING TESTS AND INSPECTIONS.

i. OPERATIONAL TEST: AFTER INSTALLING TIME SWITCHES AND SENSORS, AND AFTER THE ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, START UNITS TO CONFIRM PROPER UNIT OPERATION.

ii. 2. TEST AND ADJUST CONTROLS AND SAFETIES. REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT.

26 2416 PANELBOARDS:

1.1 PANELBOARD SHALL BE DEAD FRONT SAFETY TYPE EQUAL TO SQUARE 'D' NQOD SERIES.

1.2 PANEL SHALL BE EQUIPPED WITH A NEUTRAL/GROUND BAR.

1.3 PANEL SHALL BE EQUIPPED WITH A FLUSH MOUNT LATCH AND LOCK COMPLETE WITH SIX KEYS. ALL LOCKS SHALL BE KEYED ALIKE.

1.4 MOLDED CASE CIRCUIT BREAKERS SHALL HAVE OVER CENTER TOGGLE-TYPE MECHANISMS, PROVIDING QUICK-MAKE, QUICK-BREAK ACTION. BREAKERS SHALL BE CALIBRATED FOR OPERATION IN AN AMBIENT TEMPERATURE OF 40 DEGREES C. EACH CIRCUIT BREAKER SHALL HAVE TRIP INDICATION BY HANDLE POSITION AND SHALL BE TRIP-FREE. TWO AND THREE POLE BREAKERS SHALL BE COMMON TRIP. EACH CIRCUIT BREAKER SHALL HAVE A PERMANENT TRIP UNIT CONTAINING INDIVIDUAL THERMAL AND MAGNETIC TRIP ELEMENT. CIRCUIT BREAKERS SHALL BE SUITABLE FOR MOUNTING AND OPERATION IN ANY POSITION.

1.5 CONNECTIONS TO THE BUSS SHALL BE BOLT-ON.

26 0526 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

1.1 THE MATERIALS OF EACH WIRING SYSTEM, METAL RACEWAY SYSTEM, METAL BOXES AND CABINETS, LOAD CENTERS, MOTOR FRAMES AND OTHER PERMANENTLY INSTALLED ELECTRICAL EQUIPMENT SHALL BE SOLIDLY GROUNDED AND BONDED TOGETHER IN ACCORDANCE WITH THE N.E.C.

1.2 ALL RACEWAY, EXCEPT RIGID STEEL CONDUIT, MUST CONTAIN AN INSULATED, CODE SIZED GROUNDING CONDUCTOR. CONDUCTORS SHALL BE INSULATED COPPER WITH THE SAME INSULATION TYPE AS THE OTHER CONDUCTORS CONTAINED WITHIN THE RACEWAY.

1.3 ALL RACEWAY, EXCEPT RIGID STEEL CONDUIT, MUST CONTAIN AN INSULATED, CODE SIZED GROUNDING CONDUCTOR. CONDUCTORS SHALL BE INSULATED COPPER WITH THE SAME INSULATION TYPE AS THE OTHER CONDUCTORS CONTAINED WITHIN THE RACEWAY

26 2726 WIRING DEVICES

1.1 ALL LIGHT SWITCHES SHALL BE QUIET TYPE, 120/277 VOLT, 20 AMPERE COMMERCIAL GRADE, LEVITON OR EQUAL. RECEPTACLES SHALL BE 125 VOLT, 20 AMPERE, DUPLEX GROUNDING TYPE COMMERCIAL GRADE, LEVITON OR EQUAL. COLOR SHALL BE IVORY. PLATES SHALL BE .035" THICK STAINLESS STEEL.

1.2 GROUND FAULT INTERRUPTER CIRCUIT (GFCI) RECEPTACLE SHALL BE HOSPITAL/COMMERCIAL GRADE RATED 125 VOLTS, 20 AMPERES, NEMA 5-820 CONFIGURATION.

1.3 EXTERIOR RECEPTACLES SHALL BE GFCI RATED WITH EXTRA DUTY DIE-CAST IN-USE ALUMINUM WEATHERPROOF COVER. INTERMATIC WP1250MVXD OR EQUAL.

1.4 BOILER E-STOP DEVICE SHALL BE STOPPER STATION WITH STOPPER STATION SHIELD SS2229ZA-EN OR APPROVED EQUAL.

26 2813 FUSES

1.1 FUSES 600 AMPERES AND BELOW, SHALL BE U.L. CLASS 'RK1' WITH SEPARATE OVERLOAD AND SHORT-CIRCUIT ELEMENTS. SHORT-CIRCUIT ELEMENT SHALL BE PURE SILVER FOR RATINGS ABOVE 60 AMPERES. THE FUSE MUST HOLD 500% OF RATED CURRENT FOR A MINIMUM OF 10 SECONDS AND HAVE AN INTERRUPTING RATING OF 200,000 AMPERES 'RMS' SYMMETRICAL. FUSES SHALL BE EQUAL TO BUSSMAN LOW-PEAK TYPE.

1.2 UNUSUAL MOTOR OR EQUIPMENT STARTING CONDITIONS NECESSITATING FUSE OVER SIZING SHALL BE REFERRED TO THE ELECTRICAL ENGINEER.

26 2816 ENCLOSED SWITCHES AND CIRCUIT BREAKERS

1.1 DISCONNECT SWITCHES SHALL MEET ALL REQUIREMENTS OF NEMA TYPE 'HD' WITH QUICK-MAKE MECHANISM AND FULL COVER INTERLOCK, RATED 600 OR 250 VOLTS AS REQUIRED. FUSIBLE SWITCHES SHALL BE EQUIPPED WITH A U.L. LISTED REJECTION FEATURE TO REFLECT ALL BUT CLASS 'R' FUSES.

26 2913 MOTOR STARTERS:

1.1 MANUAL STARTERS SHALL CONSIST OF A MANUALLY OPERATED TOGGLE SWITCH EQUIPPED WITH MELTING TYPE THERMAL OVERLOAD RELAY. ONE OR TWO POLE STARTERS SHALL BE FURNISHED AS REQUIRED TO DISCONNECT EACH UNGROUNDED CONDUCTOR. STARTERS SHALL BE INSTALLED IN GENERAL PURPOSE ENCLOSURES AND SHALL BE EQUIPPED WITH PILOT LIGHT. STARTERS SHALL BE EQUAL TO SQUARE 'D' CLASS #2510 UNLESS OTHERWISE DESIGNATED.

1.2 HEATERS SHALL BE FURNISHED BY THIS CONTRACTOR AND SIZED IN ACCORDANCE WITH EQUIPMENT OR MOTOR MANUFACTURER'S RECOMMENDATIONS. THREE POLE STARTERS SHALL BE PROVIDED WITH OVERLOAD PROTECTION ON EACH POLE.

26 5619 LED LIGHTING FIXTURES

1.1 THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHT FIXTURES AS INDICATED ON THE DRAWINGS.

1.2 LIGHT FIXTURES SHALL BE SECURELY FASTENED TO WALL OR CEILING.

27 1513 COMMUNICATIONS COPPER HORIZONTAL CABLING

1.1 THE CONTRACTOR SHALL PROVIDE TELEPHONE AND/OR DATA OUTLET BOXES, BLANK COVERS, AND CAT 6 PLENUM RATED WIRING FOR EACH JACK BACK TO THE TELEPHONE BACKBOARD.

1.2 TELEPHONE AND/OR DATA SYSTEM WIRING SHALL BE INSTALLED IN ¾ INCH EMT, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL STUB ALL THE CONDUITS ABOVE SUSPENDED CEILING FOR WIRING TO TELEPHONE AND/OR DATA EQUIPMENT AREA. THE WIRING SHALL BE LOW VOLTAGE WIRING, NEC TYPE: CL3P. CAT 6 PLENUM RATED WIRING SHALL BE USED FOR ALL DATA OUTLETS AND ALL VOICE OUTLETS.

1.3 THE CONTRACTOR SHALL REFER TO DIVISION 0 FOR ADDITIONAL PHONE/DATA AND FIRE/SECURITY ALARM REQUIREMENTS.

1.4 THE CONTRACTOR SHALL LOCATE TELEPHONE AND/OR DATA OUTLETS AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH TENANT'S REQUIREMENTS.

28 1300 ACCESS CONTROL:
1.1 ACCESS CONTROL DESIGN SHALL BE DELEGATED DESIGN. THE SYSTEM SHALL BE KERI SYSTEM NO EQUAL.

1.2 SYSTEM SHALL UTILIZE PROXIMITY DETECTORS. PROVIDE 100 FOBs.

1.3 ACCESS CONTROL SYSTEM SHALL BE DONE IN ACCORDANCE AND WITH BEST INDUSTRY STANDARD AND DETAIL ON DRAWING. THE SYSTEM SHALL BE COMPLETE, TESTED, AND WORKABLE WITH NORMAL DOCUMENTATION.

1.4 THE CONTRACTOR SHALL INCLUDED THE COST OF ACCESS CONTROL SYSTEM IN THE BID.

28 4621 ADDRESSABLE FIRE ALARM SYSTEM:
1.1 FIRE ALARM DESIGN SHALL BE DELEGATED DESIGN. THIS SYSTEM SHALL BE PROVIDED BY SUMMIT FIRE NO EQUAL.

1.2 PROVIDE VOLTAGE DROP CALCULATIONS AND DRAWINGS REPRESENTING CIRCUITRY.

1.3 ALL FIRE ALARM WORK SHALL BE DONE IN ACCORDANCE WITH NFPA 72 SECTION 7.2 THE DEFERRED SUBMITTAL SHALL CONTAIN ALL VOLTAGE DROP CALCULATIONS AND BATTERY CALCULATIONS PERFORMED BY A QUALIFIED ENGINEER AND INSTALLED PER SECTION 907.2. THE SYSTEM SHALL BE COMPLETE, TESTED, AND WORKABLE COMPLETE WITH NORMAL DOCUMENTATIONS.

1.4 THE CONTRACTOR SHALL INCLUDE THE COST OF THE FIRE ALARM WORK IN THE BID.



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PROJECT NO: 20245580

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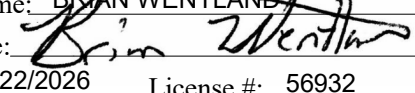
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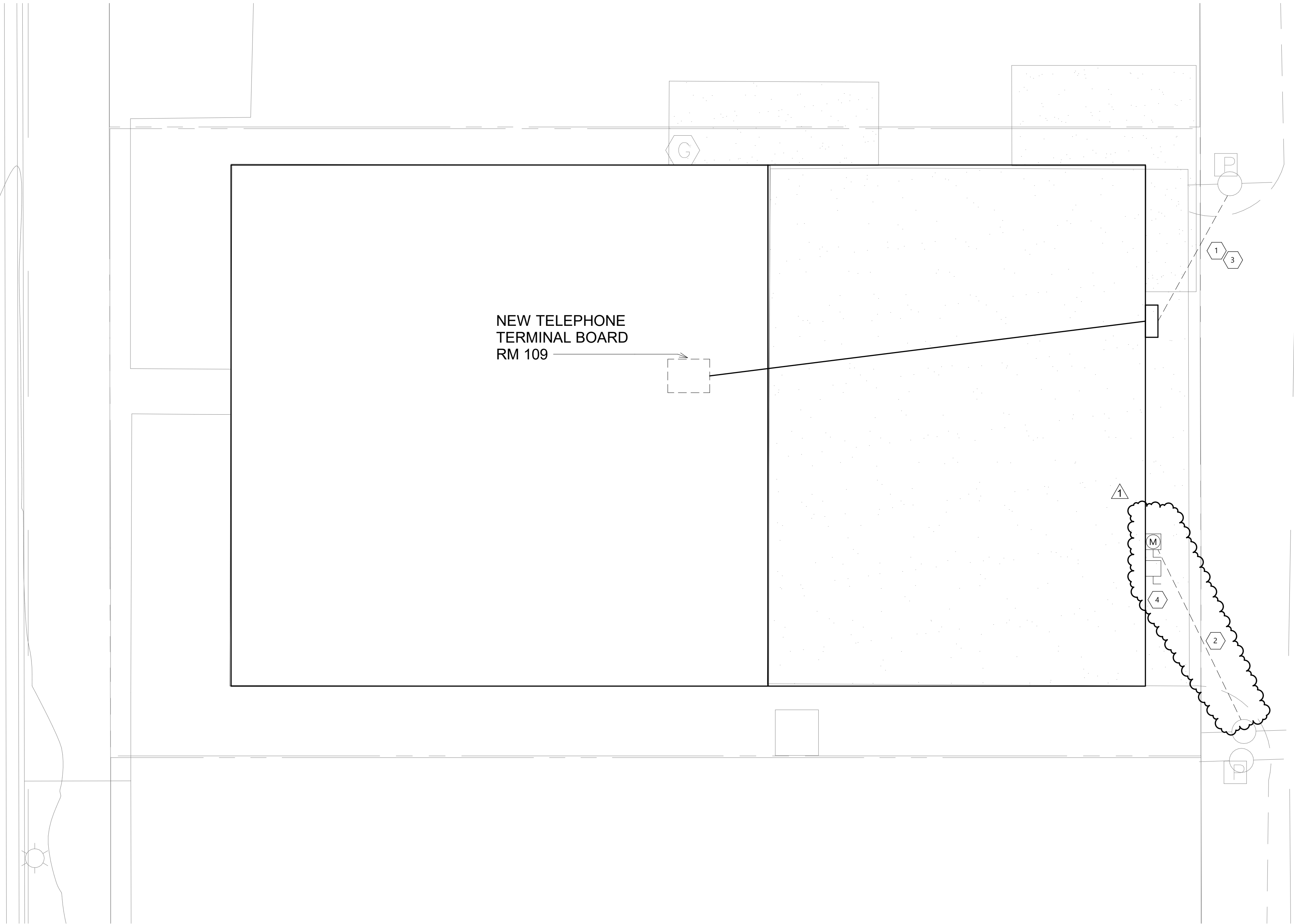
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DRAWING TITLE

SPECIFICATIONS

E050

Plot: 1/2/2025 11:14:46 AM
Rev: 1/2/2025 11:14:46 AM
Rev: 1/2/2025 11:14:46 AM



1
E101
ELECTRICAL NEW SITE PLAN
1/8" = 1'-0"

ELECTRICAL SITE COORDINATION:

THE LOCATION, CAPACITY, AND VOLTAGE OF THE LINES ARE ALL IN ACCORDANCE WITH DATA GIVEN THIS OFFICE BY THE UTILITY COMPANY. COORDINATE WITH THE LOCAL UTILITY COMPANY THE INSTALLATION OF THE ELECTRICAL SERVICE. COMPLY WITH UTILITY REGULATIONS. REPORT DISCREPANCIES TO THE ENGINEER.

ELECTRIC UTILITY

OTTERTAIL POWER COMPANY:
TYLER JACOBSON
FERGUS FALLS, MN 56537
(218) 739-8484

TELECOM UTILITY

ARVIG:
DETROIT LAKES, MN 56501
(218) 844-4227

KEYNOTE LEGEND:

< < < INDICATES KEYNOTE ON PLAN

- COORDINATE WITH ARVIG TO PROVIDE NEW TELECOM SERVICE. EC SHALL COVER ALL INSTALLATION COST IN BASE BID. SERVICE LINE SHALL TERMINATE AT EXISTING DATA RACK. PROVIDE 2" CONDUIT FROM EXISTING DATA ROOM TO EXTERIOR TELECOM PEDESTAL LOCATION.
- COORDINATE WITH OTTERTAIL POWER COMPANY TO PROVIDE NEW ELECTRIC SERVICE. EC SHALL COVER ALL INSTALLATION IN BASE BID. PROVIDE CONDUIT STUB INTO GROUND FOR INCOMING CABLES PROVIDED BY OPC.
- PROVIDE 1 1/4" C WITH (1) 25 PR COPPER CABLE AND (1) 6 STRAND SINGLE MODE FIBER CABLE.
- PROVIDE 400A SUSE RATED NEMA 3R DISCONNECT FUSED AT 400A FOR CONNECTION OF NEW SERVICE.



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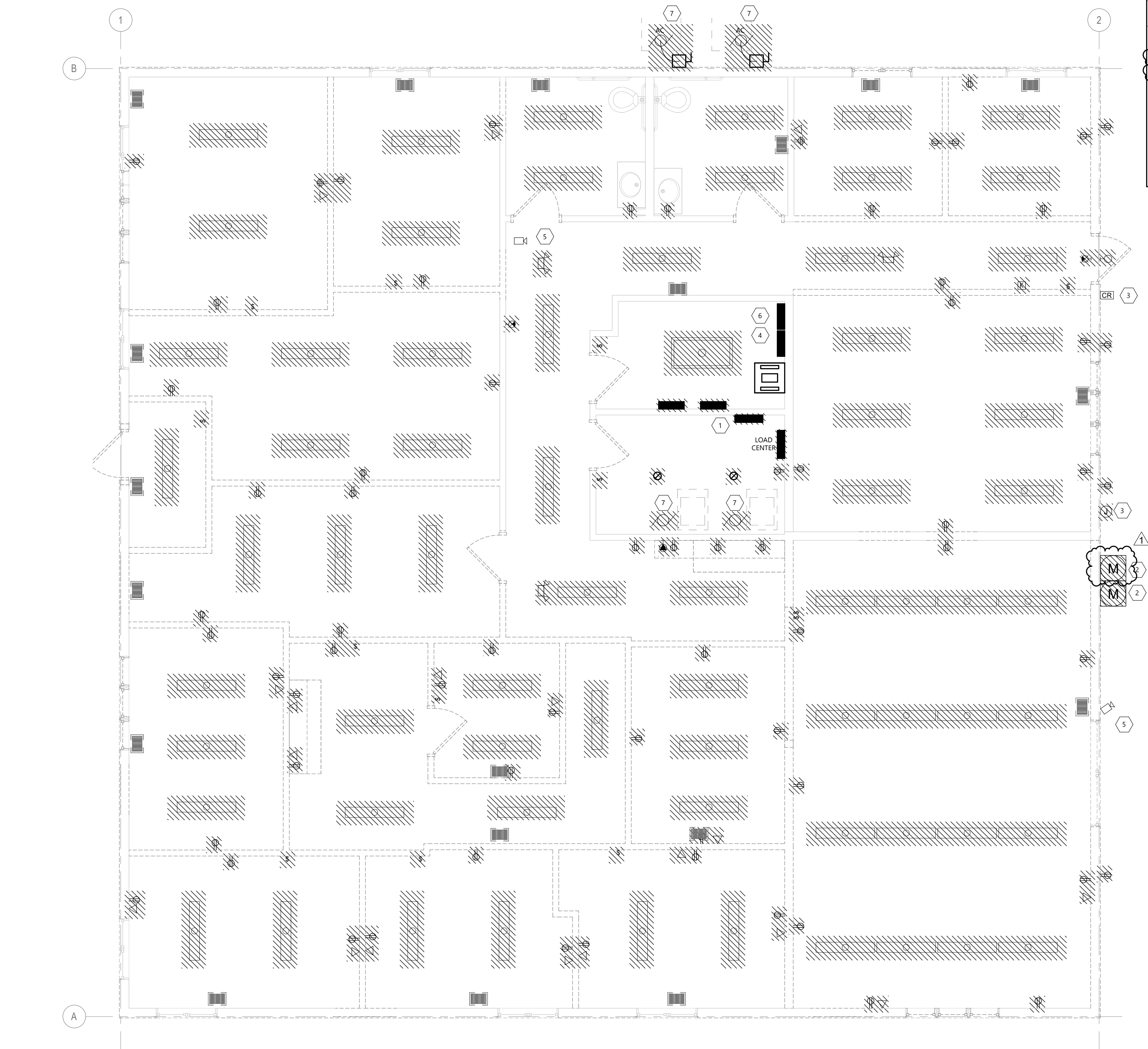
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ELECTRICAL NEW SITE
PLAN

E101

Plot Number: 102
Plot Date: 07/2025 11:14:46 AM



- GENERAL DEMO NOTES**
- A. INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.
- B. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- C. EXISTING SECURITY SYSTEM SHALL REMAIN IN PLACE. MAINTAIN ALL EXISTING DEVICES AND CIRCUITRY.
- D. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- E. FIELD VERIFY FIRE ALARM SYSTEM MANUFACTURER AND MODEL.

- KEYNOTE LEGEND:**
- < < < INDICATES KEYNOTE ON PLAN
1. SECURITY CONTROL Z1100E CONTROL PANEL.
2. DISCONNECT AND REMOVE METERS. PROVIDE A NEW 400A METER AND METER SOCKET FOR NEW SERVICE. COORDINATE WITH UTILITY ON ALL OUTAGES AND COST FOR NEW METER.
3. COORDINATE WITH TELECOM ON REMOVAL AND RELOCATION OF TELECOM SERVICE.
4. ALTRONIX POWER SUPPLY BOX REMOVE AS REQUIRED.
5. REMOVE AND TURN OVER TO OWNER
6. KERI ACCESS CONTROL PANEL REMOVE AS REQUIRED.
7. DISCONNECT MOTORS FOR REMOVAL BY MC. REMOVE WIRING, DISCONNECT, ETC.

1 FIRST FLOOR DEMOLITION PLAN
E102 1/4" = 1'-0"



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DRAWING TITLE
FIRST FLOOR
DEMOLITION PLAN


E102

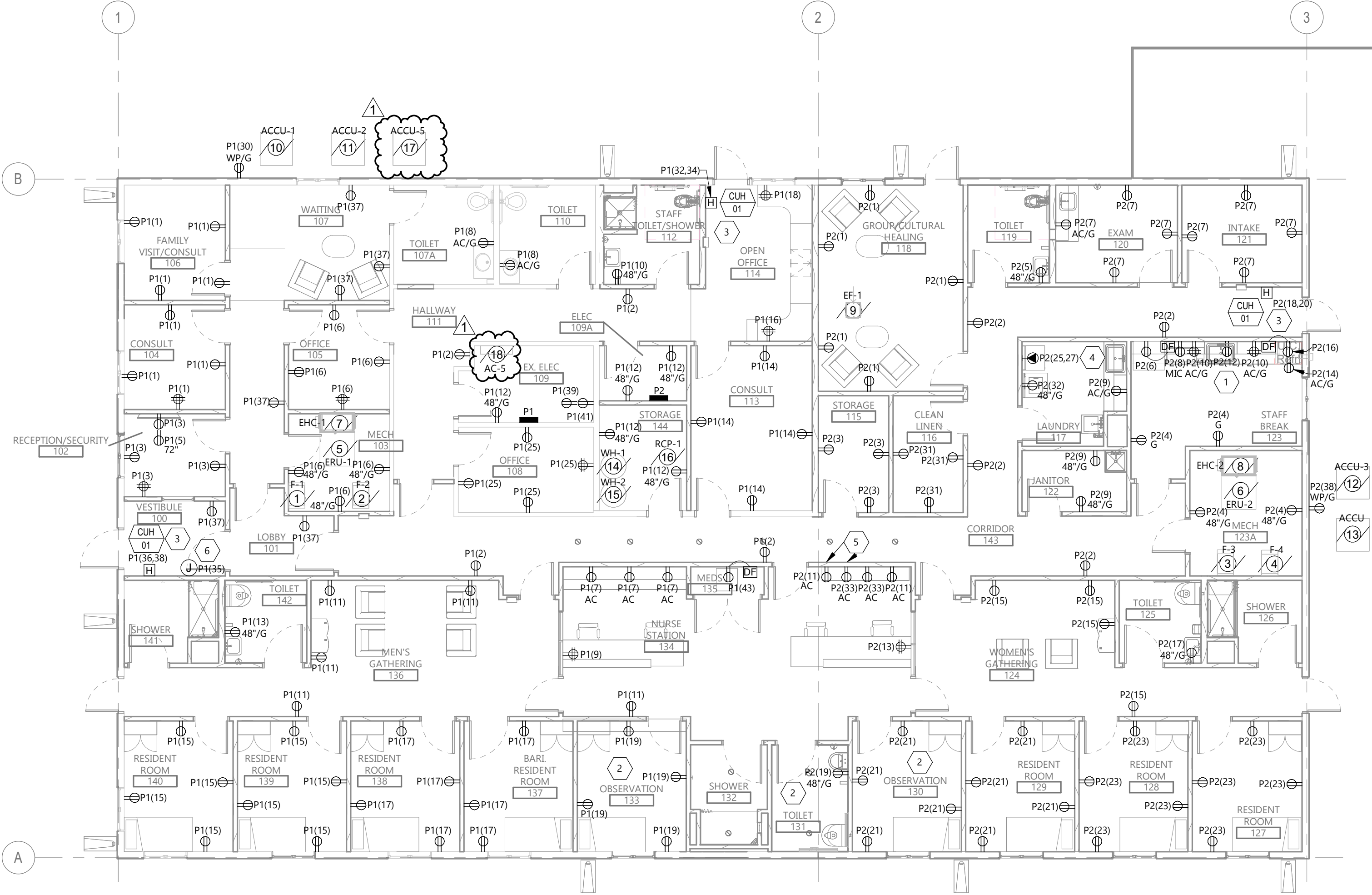
ELECTRIC HEAT SCHEDULE								
SYMBOL	LENGTH	TOTAL WATTS	VOLTAGE & PHASE	MOUNTING	MANUFACTURER	CATALOG NO.	CONTROL	REMARKS
 CUH 01	NA	3000	208	WALL RECESSED	BERKO	SRA2024DSF	INTEGRAL	1,2
NOTES:								
1. COORDINATE CLEARANCES WITH MANUFACTURER INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.								
2. PROVIDE WITH SURFACE MOUNT KIT AND 14 GAUGE SECURITY COVER.								

GENERAL NOTES:

- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. FIELD VERIFY FIRE ALARM SYSTEM MANUFACTURER AND MODEL.
- C. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- E. PROVIDE 4" HILT PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- F. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- G. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- H. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- I. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
- J. ALL 120V, 20A RECEPTACLES IN PUBLIC SPACES SHALL BE TAMPER RESISTANT.
- K. MC CABLE SHALL BE USED IN WALLS FOR SINGLE CIRCUIT RUNS AND SWITCH LEGS. SWITCH LEGS SHALL CONTAIN ONE EXTRA CONDUCTOR. MC CABLE MAY NOT BE USED ABOVE CEILING IN ANY INSTANCE, AND MAY NOT BE USED IN WALLS OF ROOMS THAT DO NOT HAVE ACCESSIBLE CEILING. DO NOT USE THROUGH SMOKE/FIRE WALLS.
- L. RESIDENT ROOM AND AREAS COVERED UNDER NEC 210.12(C) SHALL HAVE AFCI PROTECTION BUILT INTO RECEPTACLE.


KEYNOTE LEGEND:

-  < < INDICATES KEYNOTE ON PLAN
1. PROVIDE GFCI RECEPTACLE AND BELOW SINK FOR DISHWASHER.
2. PROVIDE TAMPER PROOF NEMA 5-20 RECEPTACLE.
3. PROVIDE CONNECTION TO CABINET UNIT HEATER WITH 2#12 + #12G.
4. PROVIDE A NEMA 14-30 RECEPTACLE FOR CONNECTION OF DRYER. CONNECT WITH 3#10 + #10G IN 3/4"C.
5. OUTLET SHALL BE COMBINATION 5-20 RECEPTACLE AND USB TYPE A AND TYPE C. SEE 8/E804.
6. PROVIDE A 120V CONNECTION FOR THE FIRE ALARM CONTROL PANEL.



1 FIRST FLOOR POWER PLAN
E201 1/8" = 1'-0"





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DRAWING TITLE
FIRST FLOOR POWER PLAN

E201

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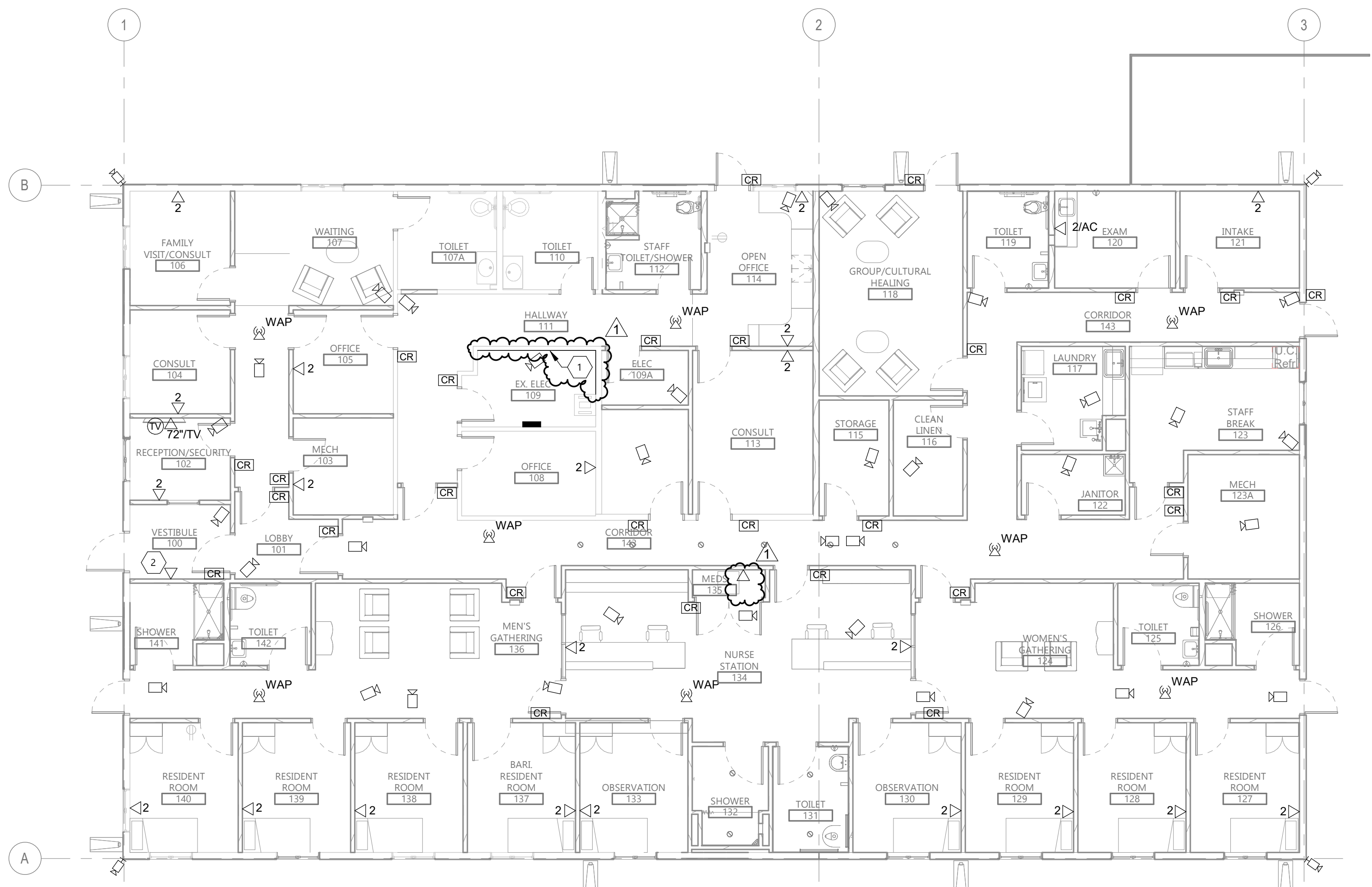
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DRAWING TITLE

FIRST FLOOR SYSTEMS PLAN

E401



GENERAL NOTES:

- A. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- B. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- C. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
- D. PROVIDE CAT6 CABLE TO ALL CAMERA LOCATIONS FROM HEAD END EQUIPMENT IN ROOM #109. OWNER IT GROUP SHALL PROVIDE AND INSTALL CAMERAS. COORDINATE WITH OWNER ON ALL LOCATIONS PRIOR TO ROUGH-IN. LEAVE 10' - 0" PIGTAIL AT BOTH ENDS.
- E. WIRE NEW DATA WIRING BACK TO EXISTING DATA RACK IN ROOM #109. PROVIDE NEW 48 PORT PATCH PANEL.
- F. SEE 1/6804 AND 2/6804 DETAILS FOR CARD READER ROUGH-IN DETAIL. COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL FINAL LOCATIONS.

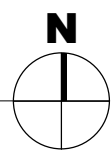
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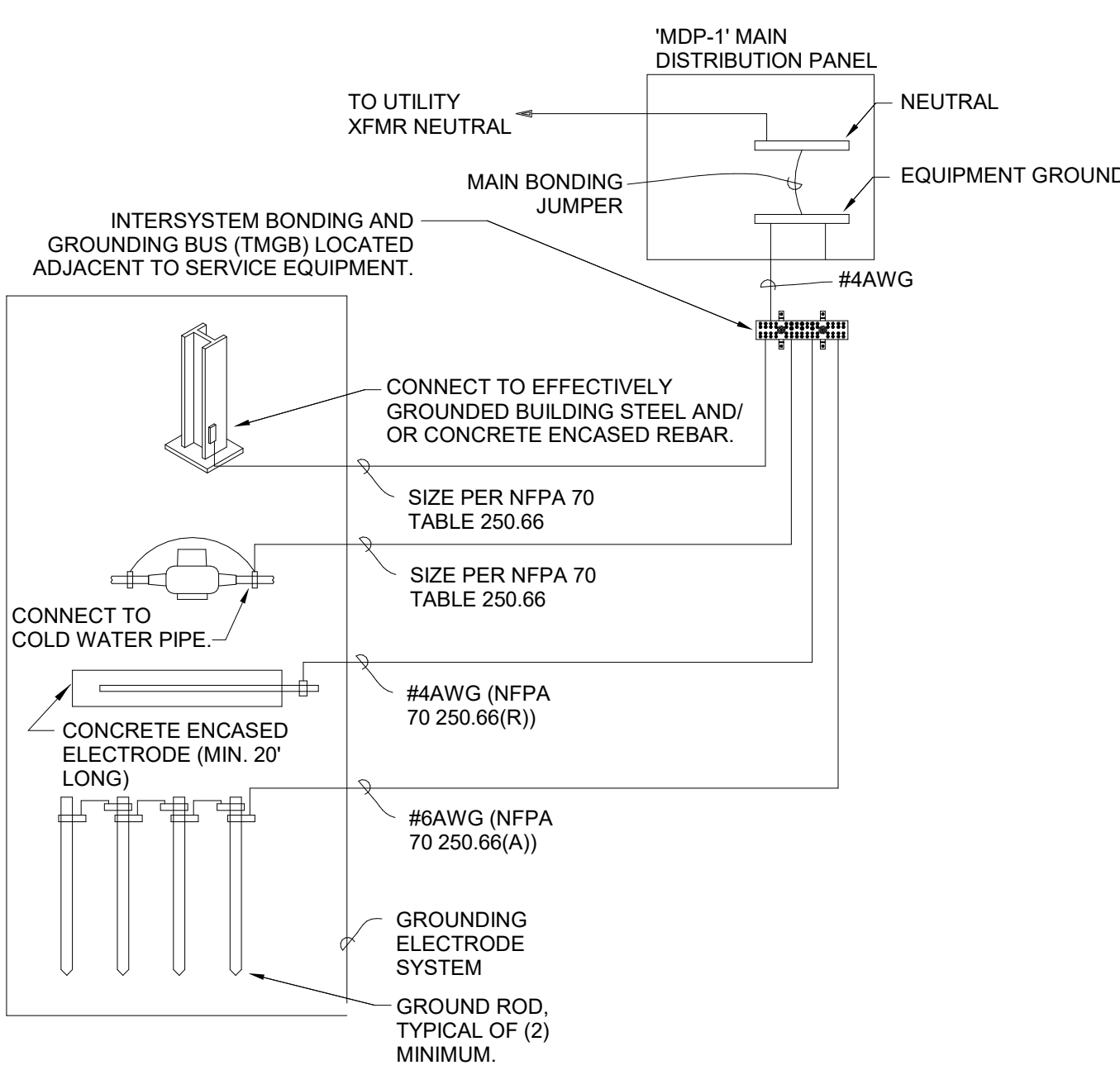
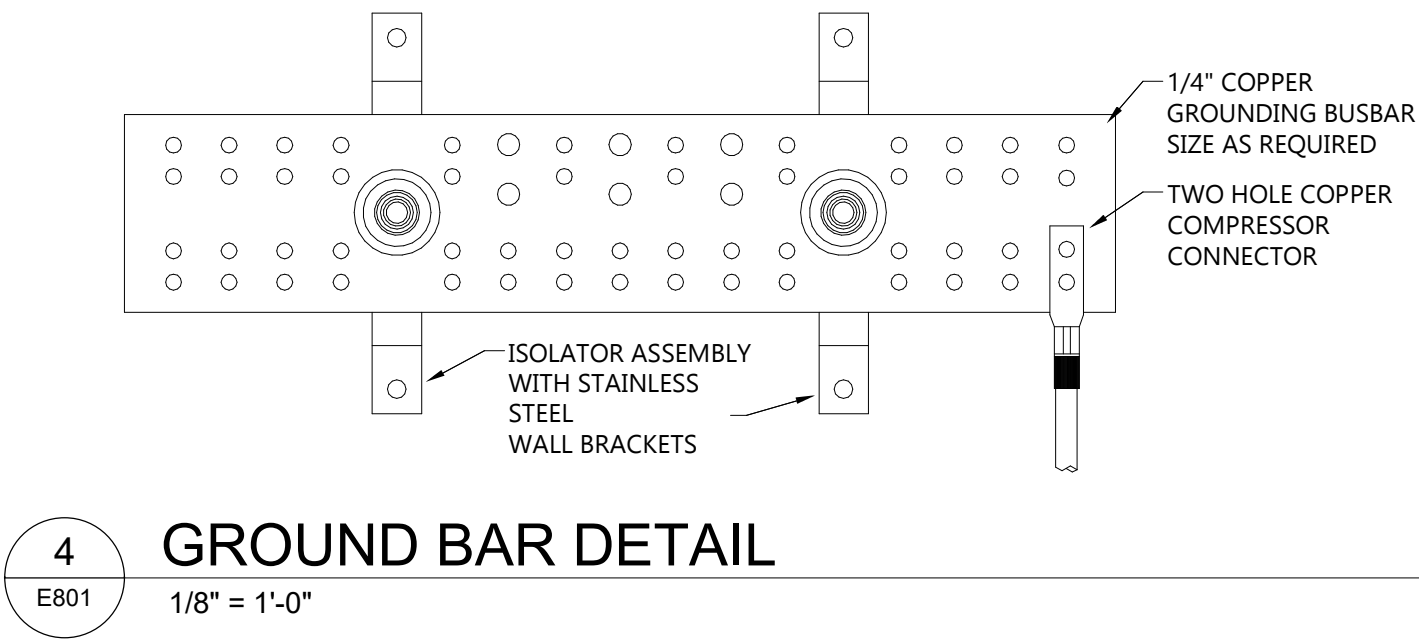
1. PROVIDE A 4'X8'X3/8" PAINTED FIRE RETARDANT PLYWOOD TELE BACK BOARD FOR CCTV, DOOR CONTROL AND TELE EQUIPMENT.

2. MOUNT BY FIRE ALARM CONTROL PANEL.

1
E401

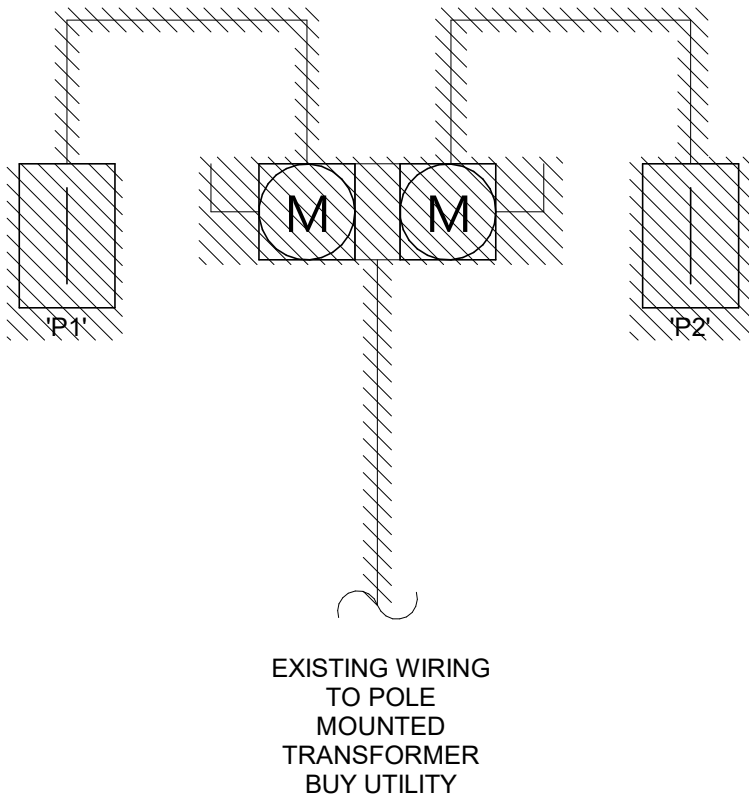
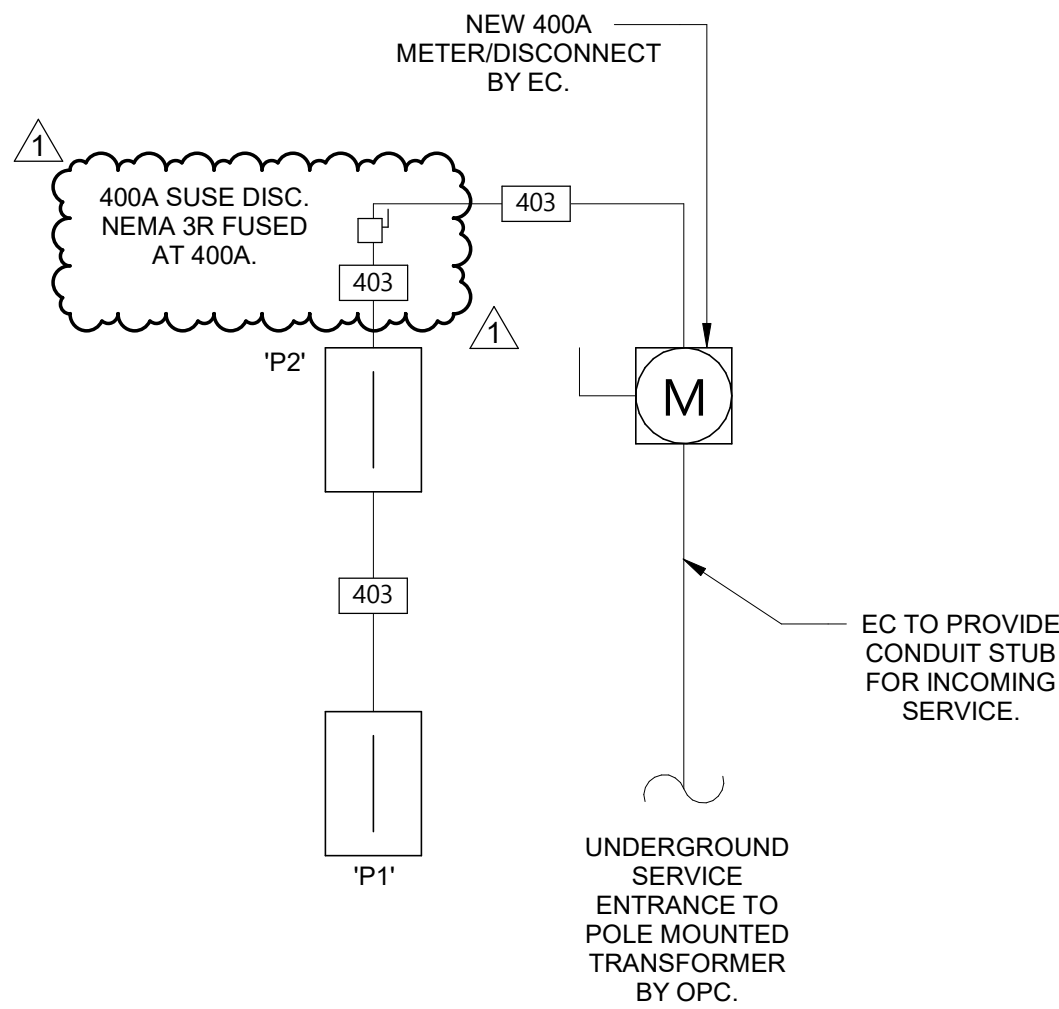
FIRST FLOOR SYSTEMS PLAN

$$1/8'' = 1'-0''$$




FEEDER SCHEDULE ALUMINUM		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
40	43A	1" C - 3 #6 & 1 #8 GND
200	204A	3" C - 4 #250KCMIL & 1 #4 GND

FEEDER SCHEDULE COPPER		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
20	22	3/4" C - 2 #12 & 1 #12 GND
30	32	3/4" C - 2 #10 & 1 #10 GND
50	52	1" C - 2 #6 & 1 #10 GND
400	403	(2) 2 1/2" C - 3 #3/0 & 1 #3 GND



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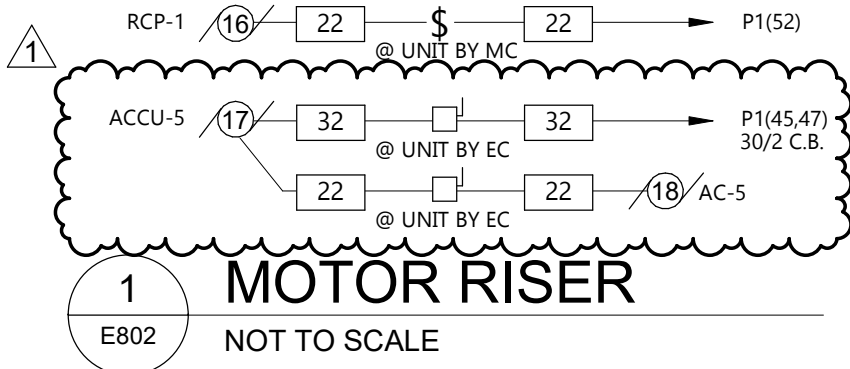
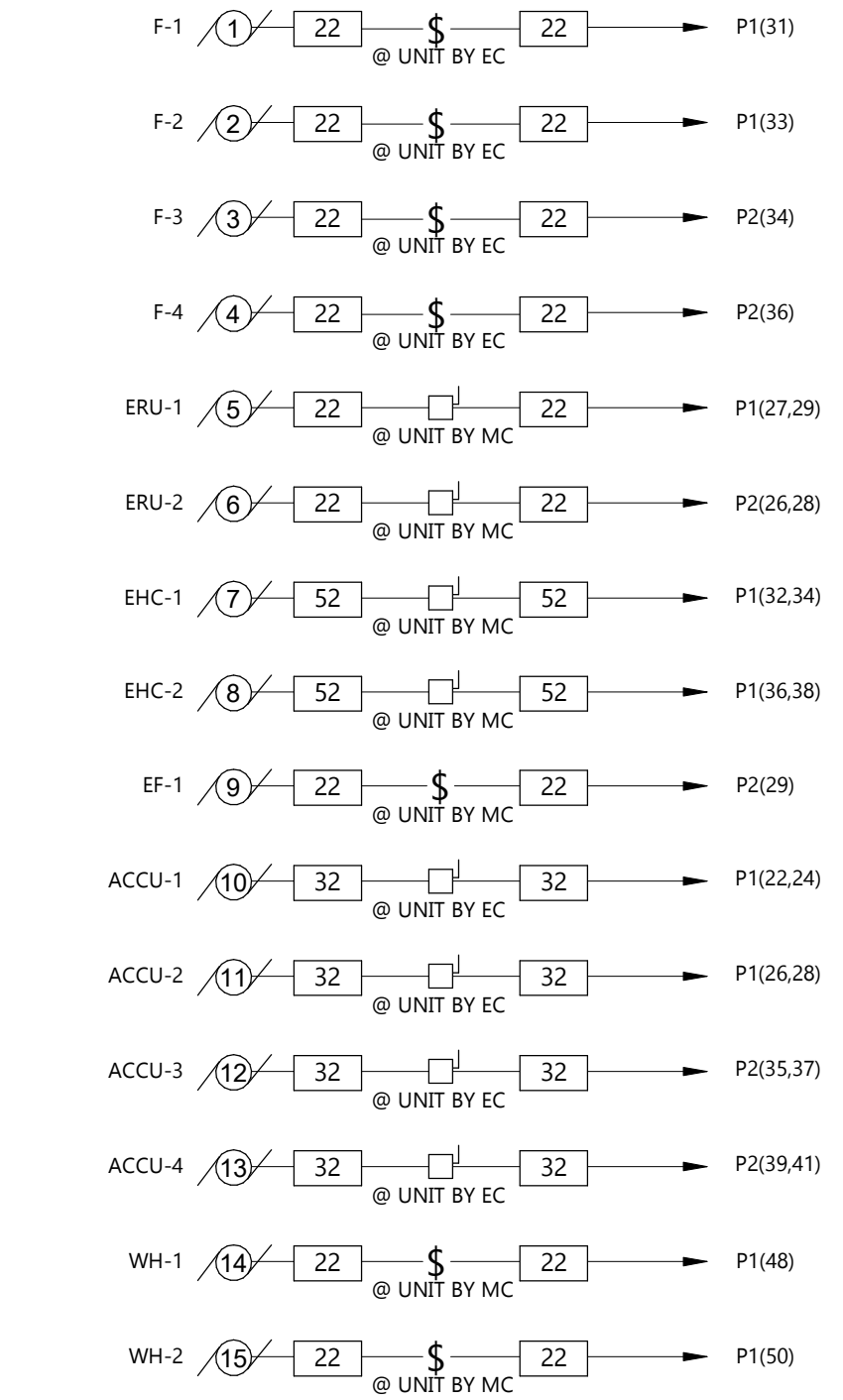
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ONE-LINE DIAGRAM

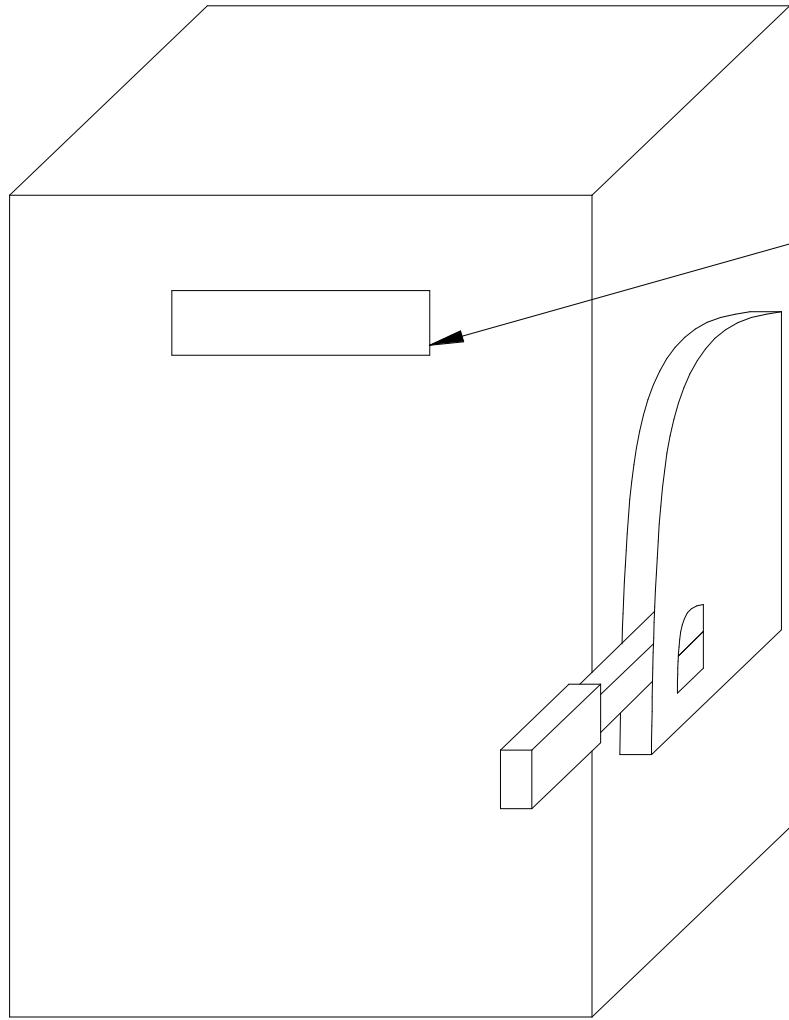
E801

FEEDER SCHEDULE COPPER		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
20	22	3/4" C - 2 #12 & 1 #12 GND
30	32	3/4" C - 2 #10 & 1 #10 GND
50	52	1" C - 2 #6 & 1 #10 GND
400	403	(2) 2 1/2" C - 3 #3/0 & 1 #3 GND

FEEDER SCHEDULE ALUMINUM		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
40	43A	1" C - 3 #6 & 1 #8 GND
200	204A	3" C - 4 #250KMIL & 1 #4 GND



MOTOR AND EQUIPMENT SCHEDULE																						
LEGEND: CM - COMBINATION CB - CIRCUIT BREAKER EC - ELECTRICAL CONTRACTOR EX - EXISTING F - FUSED M2 - MAGNETIC TWO SPEED M - MAGNETIC MC - MECHANICAL CONTRACTOR MM - MANUAL NA - NOT APPLICABLE NF - NON FUSED OW - OWNER TC - TEMPERATURE CONTRACTOR RF - ROOF RM - ROOM RPB - REMOTE PUSHBUTTON SC - SELF CONTAINED VC - VENTILATION CONTRACTOR WP - WEATHERPROOFED																						
DESCRIPTION	MOTOR #	FURN BY	LOCATION ROOM #	HP	KW	MCA	FLA	MOP	VOLTAGE	PH (Ø)	TYPE	STARTER SIZE	BY	CONTROL BY	WIRING	POWER WIRING	INTERLOCKS BY	TO	BY	DISCONNECT SIZE/TYPE	NEMA	NOTES
F-1	1	MC	MECH RM 103				9.6	15	120 V	1						EC			EC	TOGGLE		
F-2	2	MC	MECH RM 103				9.6	15	120 V	1						EC			EC	TOGGLE		
F-3	3	MC	MECH RM 123A				9.6	15	120 V	1						EC			EC	TOGGLE		
F-4	4	MC	MECH RM 123A				9.6	15	120 V	1						EC			EC	TOGGLE		
ERU-1	5	MC	MECH RM 103			3.9	1.73	15	240 V	1			MC			EC			MC			
ERU-2	6	MC	MECH RM 123A			3.9	1.73	15	240 V	1			MC			EC			MC			
EHC-1	7	MC	MECH RM 103		7	42	33.7	45	240 V	1				MC		EC			MC			
EHC-2	8	MC	MECH RM 123A		7	42	33.7	45	240 V	1				MC		EC			MC			
EF-1	9	MC	ROOM 118	.17		3.5	2.8	15	120 V	1						EC						
ACCU-1	10	MC	SITE			14		20	240 V	1						EC			EC	30/2 NF	3R	
ACCU-2	11	MC	SITE			14		20	240 V	1						EC			EC	30/2 NF	3R	
ACCU-3	12	MC	SITE			18		30	240 V	1						EC			EC	30/2 NF	3R	
ACCU-4	13	MC	SITE			18		30	240 V	1						EC			EC	30/2 NF	3R	
WH-1	14	MC	RM 144				5		120 V	1						EC						
WH-2	15	MC	RM 144				5		120 V	1						EC						
ACCU-5	17	MC	SITE			16		30	208 V	1				TC	TC	EC			EC	30/2 NF	3R	
AC-5	18	MC	ELEC RM 109						208 V	1				TC	TC	EC			EC	30/2 NF	1	
NOTES																						
1. NOTE																						
2. NOTE																						
3. NOTE																						

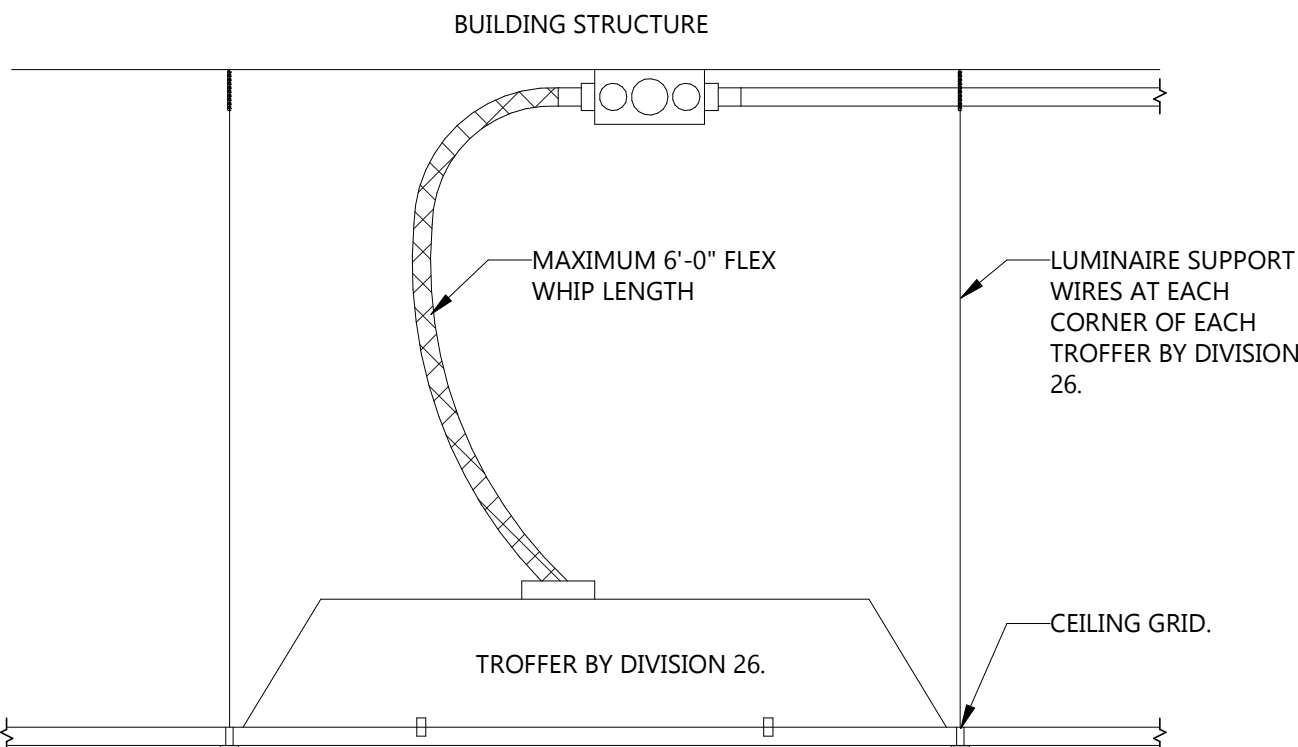


PROVIDE PLASTIC ENGRAVED NAMEPLATE WITH WHITE LETTERING AND BLACK BACKGROUND. EQUIPMENT FED FROM EMERGENCY POWER SHALL HAVE RED BACKGROUND WITH WHITE LETTERING. NAMEPLATE SHALL BE MOUNTED WITH STAINLESS STEEL HARDWARE. LABEL SHALL CONTAIN THE FOLLOWING. PROVIDE LABELS FOR ALL MCC, SWITCHBOARDS, SWITCHGEAR, PANEL BOARDS, TRANSFORMERS, DISCONNECT, VFD'S AND ELECTRICAL ENCLOSURES HOUSING PROTECTIVE BREAKERS.

"EQUIPMENT NAME"
"EQUIPMENT VOLTAGE"
"EQUIPMENT AMPERAGE/POLES"
"EQUIPMENT FED FROM"
"FAULT CURRENT"

EXAMPLE
DISCONNECT P-1
480V
100A/3P
FED FROM HP-1
FAULT CURRENT - 6,541 A

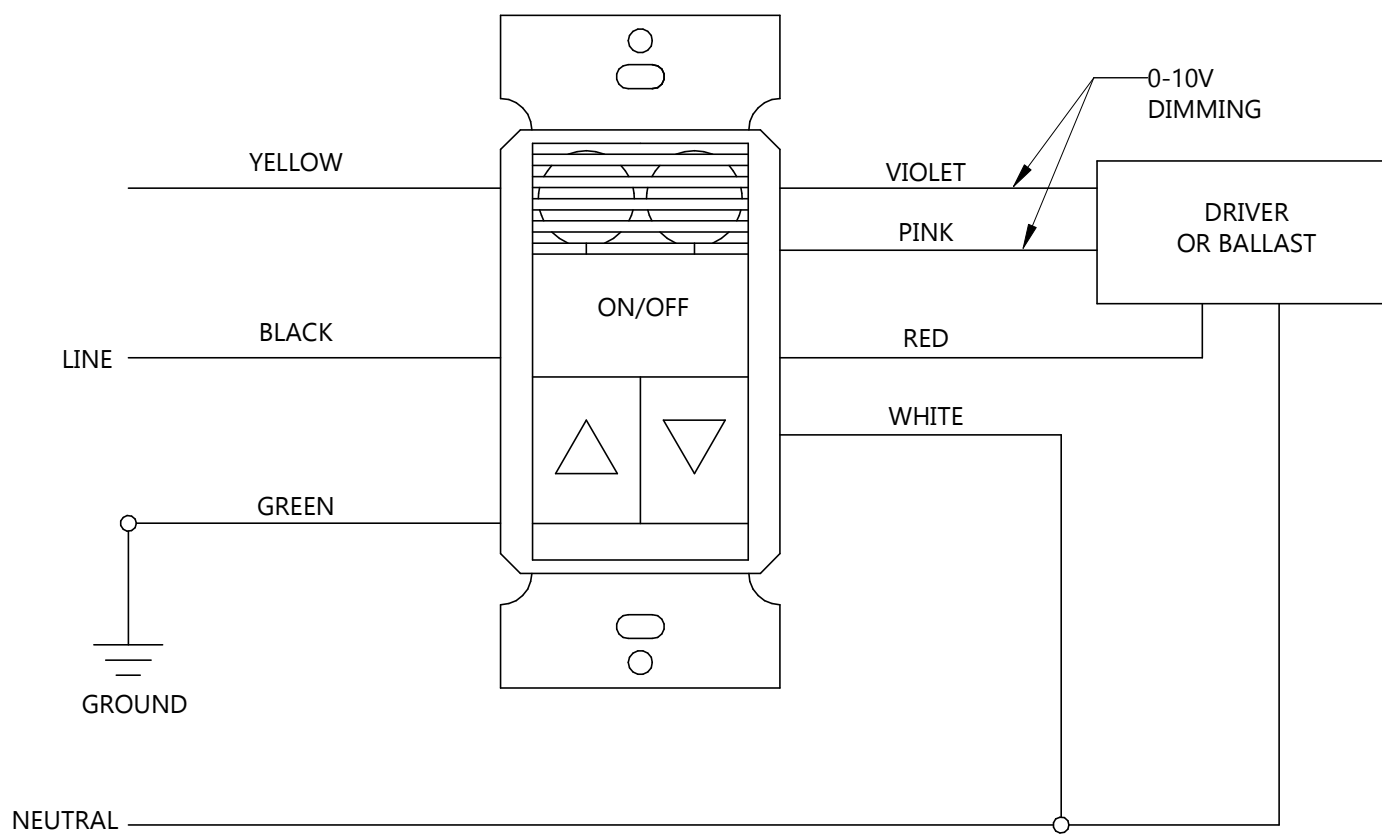
2
E802
EQUIPMENT NAMEPLATE DETAIL
1/8" = 1'-0"



- NOTE:
1. DO NOT LOOP FLEX WHIPS FIXTURE-TO- FIXTURE. PROVIDE JUNCTION BOX AS SHOWN.
 2. FLEX WHIP SHALL NOT REST ON CEILING GRID. PROVIDE ADDITIONAL SUPPORTS AS NEEDED.

2 TROFFER INSTALLATION DETAIL

E803 NOT TO SCALE




NOTE: REQUIRES CLASS 1 WIRING FOR 0-10V DIMMING

1 DUAL TECH SENSOR SWITCH OD WIRING DETAIL

E803 NOT TO SCALE

LIGHTING CONTROL SCHEDULE												
SYMBOL	MANUFACTURER	CATALOG NAME	MOUNTING			VOLTAGE		TYPE			NOTES	DESCRIPTION
			WALL	CLING	ABV. CLG	LINE	LOW	OCCUPANCY	VACANCY	OTHER		
◇	SENSOR SWITCH	CM PDT 9/10 R D		X			X	X			5	CEILING MOUNTED SENSOR, DUAL TECHNOLOGY. SMALL OR LARGE MOTION TO BE DETERMINED BY MANUFACTURER, LOW VOLTAGE RELAY, DIMMING OPTION
◇	SENSOR SWITCH	WSX PDT D	X			X		X				WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH INTEGRAL 0-10V DIMMING WITH ON/OFF BUTTON
◇	SENSOR SWITCH	WSX PDT	X			X		X				WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH ON/OFF SWITCH
⌀	LUTRON OR EQUAL	DIVA	X								4	120/277V 20A ROCKER SWITCH WITH 0-10V DIMMING. MULTI-WAY SWITCHING TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR FOR SPACE REQUIREMENTS.
\$	LUTRON OR EQUAL	20A TOGGLE SWITCH	X								3	120/277V 20A TOGGLE SWITCH. MULTI-WAY SWITCHING TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR FOR SPACE REQUIREMENTS.
GENERAL NOTES:												
A. ALL SENSORS ARE SHOWN FOR CONTROL PURPOSE ONLY; ADDITIONAL DEVICE/POWER MAY BE REQUIRED FOR A COMPLEX SYSTEM. VERIFY REQUIRED DEVICES WITH SYSTEM PROVIDER AND INSTALL COMPLETE SYSTEM.												
B. WIRE LIGHTING CONTROL COMPONENTS PER MANUFACTURERS INSTRUCTIONS.												
C. APPROVED MANUFACTURERS: WATTSTOPPER, CRESTRON, ACUITY BRANDS.												
D. SEE SPECIFICATION SECTION 262726 OR ON DRAWINGS SPECIFICATIONS FOR FACEPLATE AND DEVICE COLOR.												
NOTES:												
1.	NUMBER REPRESENTS QUANTITY OF RELAYS PER DEVICE. SEE LIGHTING SHEETS FOR NUMBER OF RELAYS AND CONTROL ZONES. MULTI-RELAY ROOM CONTROLLERS MAY BE USED IN LIEU OF SINGLE RELAY ROOM CONTROLLERS.											
2.	SEE SWITCH DETAILS FOR MORE INFORMATION ON SPECIFIC TIMECLOCK SWITCHES/DIMMERS BUTTON LAYOUT AND ENGRAVING.											
3.	FOR USE AT BACK OF HOUSE, UNFINISHED SPACES, AND 120V 20A MOTOR DISCONNECTS SHALL BE STANDARD TOGGLE SWITCHES. SEE SPECIFICATION SECTION 262726 OR ON DRAWINGS SPECIFICATION FOR ADDITIONAL INFORMATION.											
4.	A LINE VOLTAGE DIMMER SHALL ONLY BE USED IN RESIDENTIAL INSTALLATIONS OR WHERE THE LUMINAIRE SUPPORTS ONLY LINE VOLTAGE DIMMING.											
5.	MANUFACTURER SHALL DETERMINE IF SENSOR SHALL COME WITH INTEGRAL PHOTOCELL IN LIEU OF STAND ALONG DEVICE AS NEEDED FOR DEVICE.											

LUMINAIRE SCHEDULE												
TYPE	MANUFACTURER	CATALOG NAME	MOUNTING	LOCATION	VOLTAGE	CCT	LUMENS	WATTS	NOTES	DESCRIPTION		
AA	LITHONIA	WPX0 LED ALO SWW2 MVOLT PE DDBXD M2	SITE	WALL	MVOLT	4000	1000	9 W	⚠	EXTERIOR LED WALL PACK		
C	GOHAM	EVO6SH 35/25 DFR SOL MVOLT	RECESSED	CEILING	MVOLT	3500	2500	30 W		6" LED CAN LIGHT WET LOCATION		
C1	GOHAM	EVO6SH 35/10 DFR SOL MVOLT	RECESSED	CEILING	MVOLT	3500	1000	15 W	⚠	6" LED CAN LIGHT WET LOCATION		
C2	GOHAM	EVO6SH 35/10 DFR SOL MVOLT	RECESSED	CEILING	MVOLT	3500	1000	34 W		6" LED CAN LIGHT WET LOCATION		
C3	GOHAM	EVO6 35/15 AR LSS MD MVOLT	RECESSED	CEILING	MVOLT	3500	1500	15 W	⚠	6" LED CAN LIGHT		
C4	GOHAM	EVO6VR 35/15 AR LSS FOL	RECESSED	CEILING	MVOLT	3500	1500	48 W		6" LED CAN LIGHT VANDAL RESISTANT, TAMPER PROOF, AND WET LOCATION		
E1	LITHONIA	LQM S W 3 R MVOLT EL N SD M6	SURFACE	CEILING	120			1 W	⚠	CEILING MOUNTED EXIT SIGN WITH 90 MINUTE BATTERY PACK		
E2	LITHONIA	LQM S W 3 R MVOLT EL N SD M6	SURFACE	WALL	120			1 W		WALL MOUNTED EXIT SIGN WITH 90 MINUTE BATTERY PACK		
EM	LITHONIA	ELM2L	SURFACE	WALL	120	4000	230	10 W	⚠	EMERGENCY BUGGY LIGHTS		
F	LITHONIA	CSS L48 4000LM MVOLT 40K 80CRI	SURFACE	CEILING	MVOLT	4000	4000	30 W		⚠	LED STRIP LIGHT CHAIN SUSPENDED	
V	LITHONIA	FMVRL 24IN 30K	SURFACE	WALL	MVOLT	3000	1600	34 W	24" VANITY LIGHT			
NOTES:												
1. NOTE												
2. NOTE												
3. NOTE												



Architecture

Interior Design

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CONSULTANTS

CLIENT

CLIENT NAME

PROJECT DESCRIPTION

MAHNM WE

WITHDRAWAL CENTER

CITY

MAHNOMEN

STATE

MN

ISSUE DATES

1	ADDENDUM 2	01/22/2026
CD	CONSTRUCTION DOCUMENTS	12/16/2025
MARK	DESCRIPTION	DATE

PROJECT NO:

20245580

DRAWN BY:

HN/TA

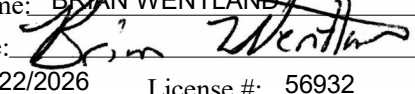
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STAMP

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: BRIAN WENTLAND
Signature: 
Date: 01/22/2026 License #: 56932

DRAWING TITLE

LIGHTING SCHEDULES

& DETAILS

E803