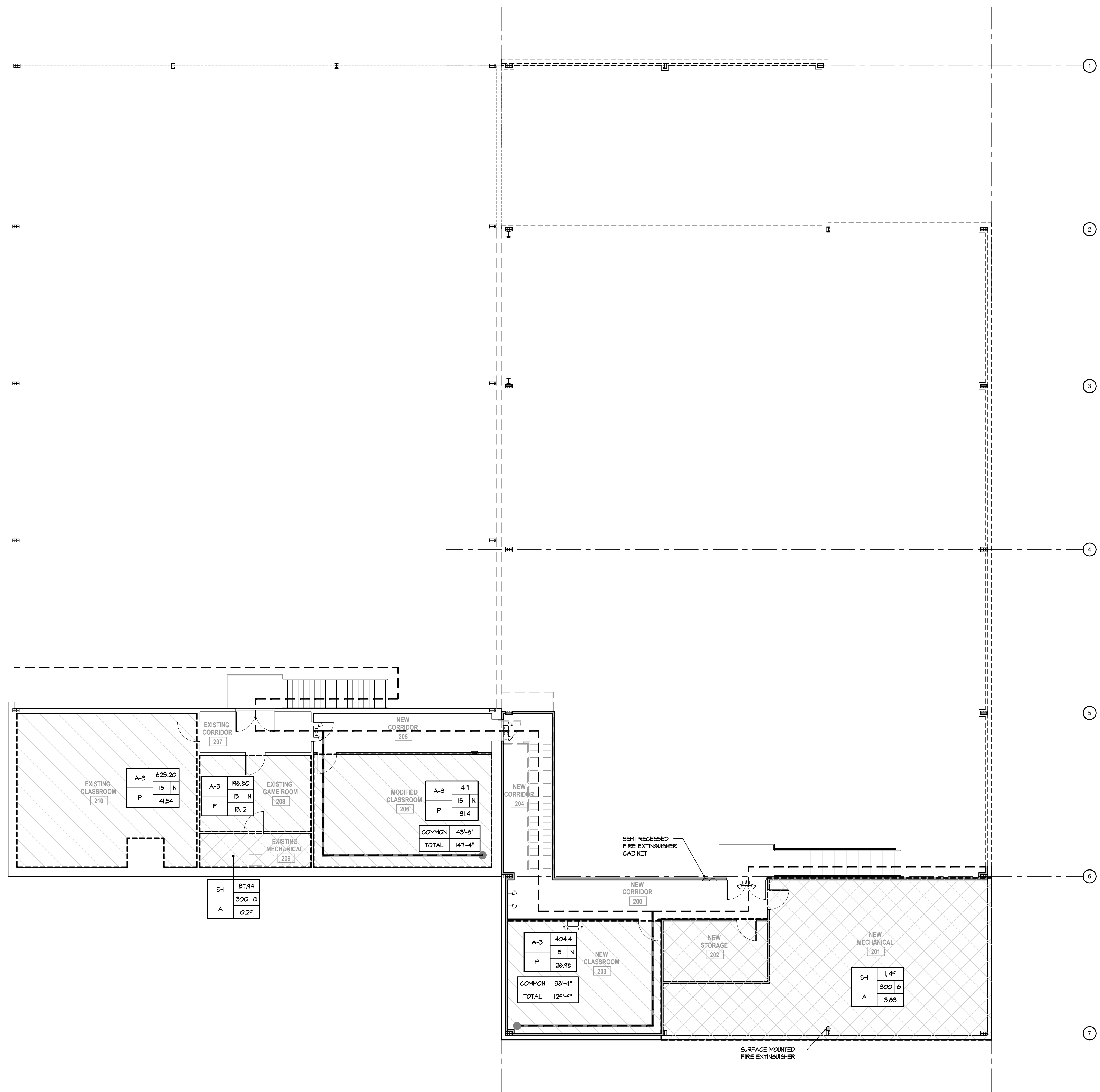
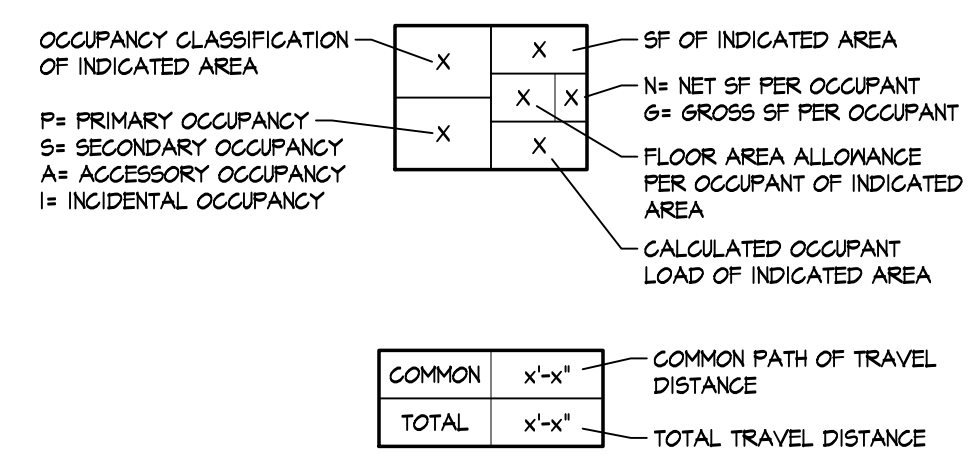


LEGEND	
SYMBOL	DESCRIPTION
	COMMON PATH OF EXIT EGRESS TRAVEL
	ROUTE OF TOTAL EXIT ACCESS TRAVEL DISTANCE
	DOOR PROVIDED WITH PANIC HARDWARE
	DOOR PROVIDED WITH MAGNETIC LOCK AND EXIT SENSOR BAR
	SEMI-RECESSED FIRE EXTINGUISHER CABINET
	REQUIRED OCCUPANT CAPACITY OF DOOR
	ACTUAL OCCUPANT CAPACITY OF DOOR

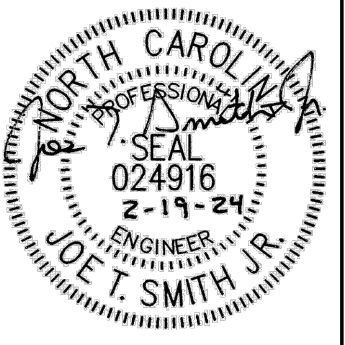


LIFE SAFETY PLAN - SECOND FLOOR

SCALE: 1/8" = 1'-0"

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REV	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
494 Antioch Church Road,
Dunn, North Carolina 28334

DATE: 19 February 2024
DRAWN BY: T.B. & L.W.
SCALE: 1/8" = 1'-0"

LF-2

STRUCTURAL NOTES

FOUNDATIONS

- SOIL DESIGN BEARING VALUE - 2000 PSF TO BE FIELD VERIFIED BY INDEPENDENT GEOTECHNICAL TESTING LABORATORY.
- SITE PREPARATION AND PLACEMENT OF ENGINEERED COMPACTED FILL SHALL BE MONITORED BY THE GEOTECHNICAL LABORATORY. ALL NECESSARY STRIPPING, CUTTING, PROOF, ROLLING, AND FILLING OPERATIONS SHALL BE SO MONITORED.
- ALL FILL INSIDE THE BUILDING AND TO 10' OUTSIDE THE BUILDING INCLUDING RAMPS, STOPS, AND STEPS SHALL BE CLEAN SELECT MATERIAL FREE OF DELETERIOUS MATERIALS SUCH AS WOOD, ROOTS, TRASH, OR OTHER EXTRANEIOUS MATERIALS. PLACE FILL IN 8" LIFTS, MEASURED LOOSE, AND COMPACT EACH LIFT TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS MEASURED BY ASTM D698. THE UPPERMOST 16" SHALL BE COMPACTED TO 100% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS MEASURED BY ASTM D698.
- ALL FOOTING EXCAVATIONS SHALL BE APPROVED BY THE GEOTECHNICAL LABORATORY PRIOR TO PLACING FOOTING CONCRETE.
- FOOTING ELEVATIONS SHALL NOT BE RAISED OR LOWERED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.
- FOOTINGS MAY BE CARRIED TO LOWER ELEVATION WHERE DIRECTED BY THE ENGINEER.
- CONSTRUCTION JOINTS IN CONTINUOUS WALL FOOTING SHALL BE MADE MIDWAY BETWEEN COLUMNS AND AT LEAST 4' FROM THE INTERSECTION OF ANOTHER WALL FOOTING.
- COLUMN FOOTING IN LINE WITH WALL FOOTINGS SHALL BE PLACED CONTINUOUSLY AND FLUSH TOP WITH CONTIGUOUS WALL FOOTINGS.
- FOUNDATIONS SHALL BE PLACED ONLY ON APPROVED NATURAL UNDISTURBED SOIL STRATA OR ON PROPERLY PLACED ENGINEERED CONTROLLED COMPACTED FILL UNDER THE SUPERVISION OF GEOTECHNICAL LABORATORY.
- PROVIDE ADEQUATE TEMPORARY BRACING FOR THE FOUNDATION WALLS DURING BACKFILLING AND COMPACTION OPERATIONS.

CONCRETE

- CONCRETE SHALL DEVELOP THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAY:
 - A. FOOTINGS AND FOUNDATIONS - 3000 PSI
 - B. INTERIOR SLABS ON GRADE - 3000 PSI
 - C. EXTERIOR SLABS ON GRADE - 3000 PSI
- CONCRETE SHALL BE REGULAR STONE CONCRETE.
- CONCRETE TO BE PERMANENTLY EXPOSED TO WEATHER SHALL HAVE 5% AIR ENTRAINMENT.
- CONCRETE FOR NOT PERMANENTLY EXPOSED TO THE WEATHER SUCH AS FOUNDATIONS AND INTERIOR FLOOR SLABS SHALL NOT HAVE AIR ADDED BY ENTRAINMENT.
- ALL CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318.
- OBSERVE ALL AND STRICTLY FOLLOW ALL ACI 305 AND 306 REQUIREMENTS RESPECTIVELY FOR PROTECTION OF CONCRETE IN HOT AND COLD WEATHER.
- ALL CONCRETE WORK SHALL BE PROPERLY CURED IN CONFORMANCE WITH ACI 308. EITHER WATER CURING METHOD OR SEALING MATERIALS METHOD MAY BE USED TO PROVIDE THAT THE METHOD CHOSEN HAS NO DETRIMENTAL EFFECT ON THE FINAL FINISH SPECIFIED FOR THE RESPECTIVE AREAS.
- PLACE 1/2" PRE-FORMED, IMPREGNATED EXPANSION JOINT FILLER FULL DEPTH OF SLAB ON GRADE AT ABUTTING FOUNDATION WALL SURFACES UNLESS OTHERWISE NOTED.
- PROVIDE CONSTRUCTION OR CONTROL JOINTS IN SLABS ON GRADE IN LOCATIONS AS SHOWN ON FOUNDATION PLAN OR AT OTHER LOCATIONS APPROVED BY THE ENGINEER, BUT SPACING OF JOINTS SHALL NOT EXCEED 20' IN ANY DIRECTION.
- THE TYPE OF JOINT USED WEATHER CONTROL JOINT OR CONSTRUCTION JOINT IS THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- SAW JOINTS FOR CONTROL JOINTS IN THE CONCRETE SLABS SHALL BE MADE AS SOON AS THE CONCRETE HAS SUFFICIENT STRENGTH TO PREVENT SPALLING OF THE JOINT DUE TO THE ACTION OF THE SAW, BUT IN NO CASE GREATER THAN 4 HOURS AFTER INITIAL PLACEMENT OF THE CONCRETE. UTILIZE SOFT CUT TECHNOLOGY IF NECESSARY TO EXPEDITE SAWING OF SLAB CONTROL JOINTS. INSTALL THE SEMI-RIGID JOINT FILLER ONLY AFTER THE SLABS HAVE FULLY CURED.

- SAW JOINTS IN CONSTRUCTION JOINTS SHALL BE SAWS ONLY AFTER SLABS HAVE FULLY CURED AND JUST PRIOR TO INSTALLING THE JOINT FILLER.
- CHAMFER EXPOSED EDGES AND CORNERS OF CONCRETE 3/4" UNLESS OTHERWISE NOTED.
- SEE GENERAL DRAWINGS FOR REQUIRED FLOOR FINISHES AND PROVIDE NECESSARY RECESIONS, DEPRESSIONS, AND SLAB FINISH AS REQUIRED TO ACCEPT FINISHES.
- ALL CONCRETE FIELD TESTING SHALL BE ACCORDANCE WITH ACI AND ASTM STANDARDS.
- ALL CONCRETE SAMPLES FOR FIELD TESTS SHALL BE TAKEN AT FINAL POINT OF DISCHARGE WHETHER IT BE THE TRUCK CHUTE OR THE END OF THE HOSE FOR PUMPER TRUCK.

REINFORCING STEEL

- BARS SHALL BE ROLLED FROM NEW BILLET-STEEL CONFORMING TO "SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", ASTM A615, GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 AND SHALL BE FURNISHED IN FLAT SHEETS.
- DETAIL AND FABRICATE REINFORCING STEEL IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
- REINFORCING STEEL SHALL BE IN PLACE AND REVIEWED BY THE LOCAL BUILDING INSPECTOR PRIOR TO PLACING CONCRETE.
- PLACE ONE LAYER OF 6 X 6 X W1.4 X W1.4 OC EACH WAY AT MIDDDEPTH OF 4" SLABS ON GRADE AND ONE LAYER OF 6 X 6 X W2.9 X W2.9 OC EACH WAY AT MIDDDEPTH OF 8" SLABS ON GRADE.
- PROVIDE ADEQUATE SUPPORTS TO HOLD REBARS IN PLACE WHILE PLACING THE CONCRETE. TIE REBARS TO SUPPORTS TO PREVENT MOVEMENT WHILE PLACING THE FRESH CONCRETE.
- FABRICATE BARS IN CONTINUOUS FOOTINGS, WALLS, BOND BEAMS AND TURNED DOWN SLABS TO LONGEST PRACTICAL LENGTHS.
- LAP REBAR SPLICES A MINIMUM OF 48 BAR DIAMETERS BUT A MINIMUM OF 24" UNLESS OTHERWISE NOTED. PLAN REBAR SPLICES TO OCCUR AT POINTS OF MINIMUM STRESS UNLESS OTHERWISE SHOWN.
- TERMINATE CONTINUOUS BARS IN TURNED DOWN SLABS, WITH A STANDARD 90 DEGREE HOOK AT DISCONTINUOUS ENDS, CORNERS, AND INTERSECTIONS.
- AT LOCATIONS REQUIRING VERTICAL DOWELS INTO FOOTINGS, THE PLACEMENT OF THE DOWELS SHALL MATCH THE SIZE AND THE LOCATION OF THE VERTICAL WALL REBARS REQUIRING THE DOWELS.
- ALL DOWELS SHALL TERMINATE IN THE FOOTING WITH A STANDARD ACI 90 DEGREE HOOK UNLESS SPECIFICALLY SHOWN OTHERWISE. DOWELS SHALL LAP THEIR MATCHING VERTICAL REBAR 48 BAR DIAMETERS OR A MINIMUM OF 24".
- PROVIDE THE FOLLOWING CLEARANCES FROM REBARS TO CONCRETE FACE UNLESS OTHERWISE NOTED ON DRAWINGS:
 - A. EARTH FORMS - 3"
 - B. WALL FORMS - 2"
 - C. TOP OF SLAB - 1"

EXTERIOR WOOD WALL FRAMING

- ALL EXTERIOR WALL STUDS SHALL BE STUD GRADE OR BETTER 2x6 SPF LUMBER SPACED AT 16" O.C.
- GRADED STRESS RATED FINGER JOINTED LUMBER OF EQUAL STRENGTH MAY BE UTILIZED FOR WALL FRAMING AT THE OPTION OF THE CONTRACTOR.
- ALL WALL BOTTOM PLATES IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED NO. 2 OR BETTER SYP.
- ALL WALL TOP PLATES AND OTHER BOTTOM PLATES SHALL BE NO. 2 OR BETTER SYP.
- ALL EXTERIOR WALL SURFACES SHALL BE SHEATHED WITH 1/2" CDX SHEATHING GRADE PLYWOOD OR 1/2" OSB SHEATHING. ALL PANEL SEAMS SHALL BE BLOCKED AS NOTED ON THE DRAWINGS. LEAVE A 1/8" SEAM GAP ALL AROUND WALL SHEATHING PANELS FOR PANEL SWELL DUE TO AMBIENT MOISTURE.

- NAIL WALL SHEATHING TO STUD WORK WITH 8D NAILS SPACED AT 4" AT PANEL EDGES AND 8" O.C. IN PANEL FIELD.
- NAIL WALL SHEATHING TO ALL BOTTOM AND TOP PLATES WITH 8D SPACED AT 4", AT DOUBLE PLATES STAGGER NAILING WITH 8" SPACING ON EACH PLATE MEMBER.
- ANCHOR EXTERIOR BUILDING WALLS TO FOUNDATION WITH ANCHOR BOLTS AS SPECIFIED ON FOUNDATION PLAN.

INTERIOR LOAD BEARING WOOD WALL FRAMING

- ALL INTERIOR WALL STUDS SHALL BE STUD GRADE OR BETTER SPF LUMBER SPACED AT 16" O.C. SIZE OF STUDS TO BE AS INDICATED ON FLOOR PLAN.
- ALL INTERIOR LOAD BEARING WALL GYPSUM BOARD SHALL BE 1/2" OR 5/8" AS SPECIFIED.
- SCREW PATTERN FOR GYPSUM WALL BOARD PANELS AT INTERIOR LOAD BEARING WALLS SHALL BE #10 DRY WALL SCREWS SPACED AT 6" AT PANEL EDGES AND 12" IN PANEL FIELD.

INTERIOR PARTITION WOOD WALL FRAMING

- ALL INTERIOR WALL STUDS SHALL BE STUD GRADE OR BETTER SPF LUMBER SPACED AT 16" O.C. SIZE STUDS TO BE AS INDICATED ON FLOOR PLAN.
- ALL INTERIOR LOAD BEARING WALL GYPSUM BOARD SHALL BE 1/2" OR 5/8" AS SPECIFIED.
- SCREW PATTERN FOR GYPSUM WALL BOARD PANELS AT INTERIOR LOAD BEARING WALLS SHALL BE #10 DRY WALL SCREWS SPACED AT 6" AT PANEL EDGES AND 12" IN PANEL FIELD.

INTERIOR PARTITION WALL FRAMING

- INTERIOR LOAD NON-LOAD BEARING PARTITION WALL STUDS SHALL BE 600S137-33 LIGHT GAUGE METAL STUDS. REFER TO GENERAL DRAWINGS FOR STUD SIZE AND WALL FRAMING DIMENSIONS.
- SPACING OF INTERIOR LOAD BEARING WALL STUDS SHALL BE 16".
- SCREW PATTERN FOR GYPSUM WALL BOARD PANELS AT INTERIOR PARTITION WALLS SHALL BE #10 DRY WALL SCREWS SPACED AT 6" AT PANEL EDGES AND 12" IN PANEL FIELD.
- PROVIDE ONE ROW OF METAL STUD BRIDGING PLACED AT 1/2 POINT OF STUD HEIGHT.
- INSTALLATION OF LIGHT GAUGE STEEL FRAMING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

DIMENSIONS

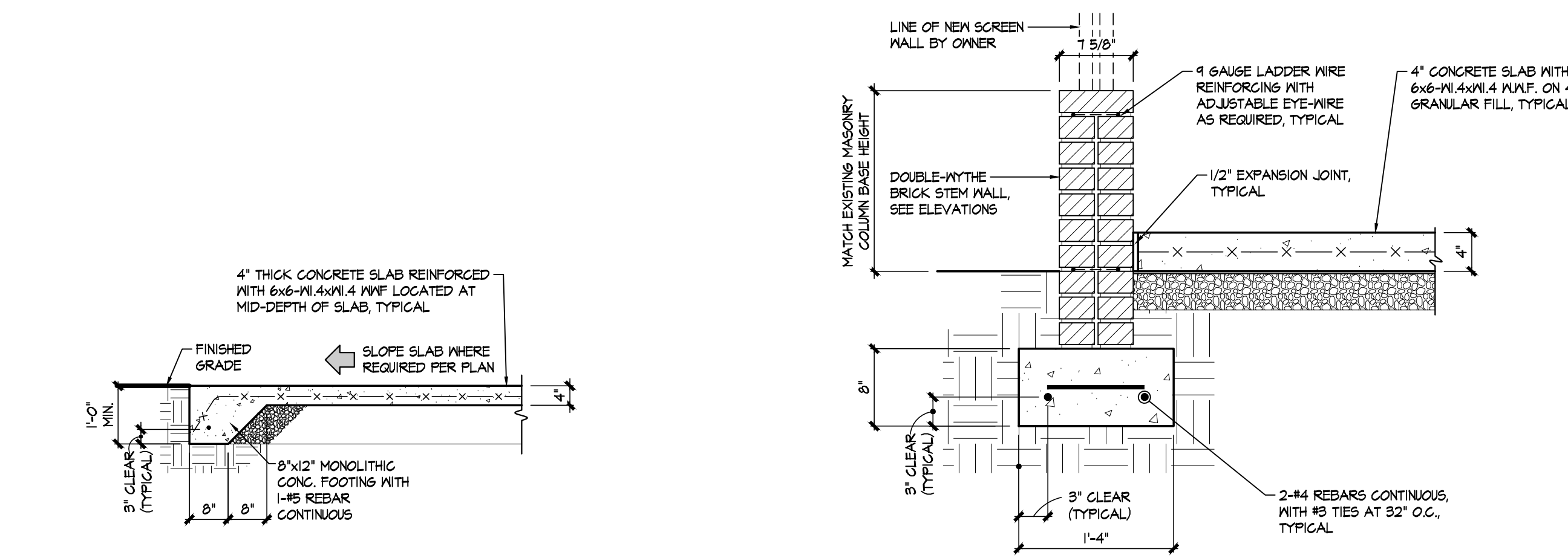
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DIMENSIONS IN THE DRAWINGS AND ADVISING THE ENGINEER OF ANY DIFFERENCES IN THE DIMENSIONS ON THE DRAWINGS PRIOR TO COMMENCING CONSTRUCTION.

EXISTING CONDITIONS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL EXISTING JOB CONDITIONS. ANY ADVERSE EXISTING CONDITIONS AFFECTING WORK SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER FOR POSSIBLE CLARIFICATION OR RECONCILIATION.

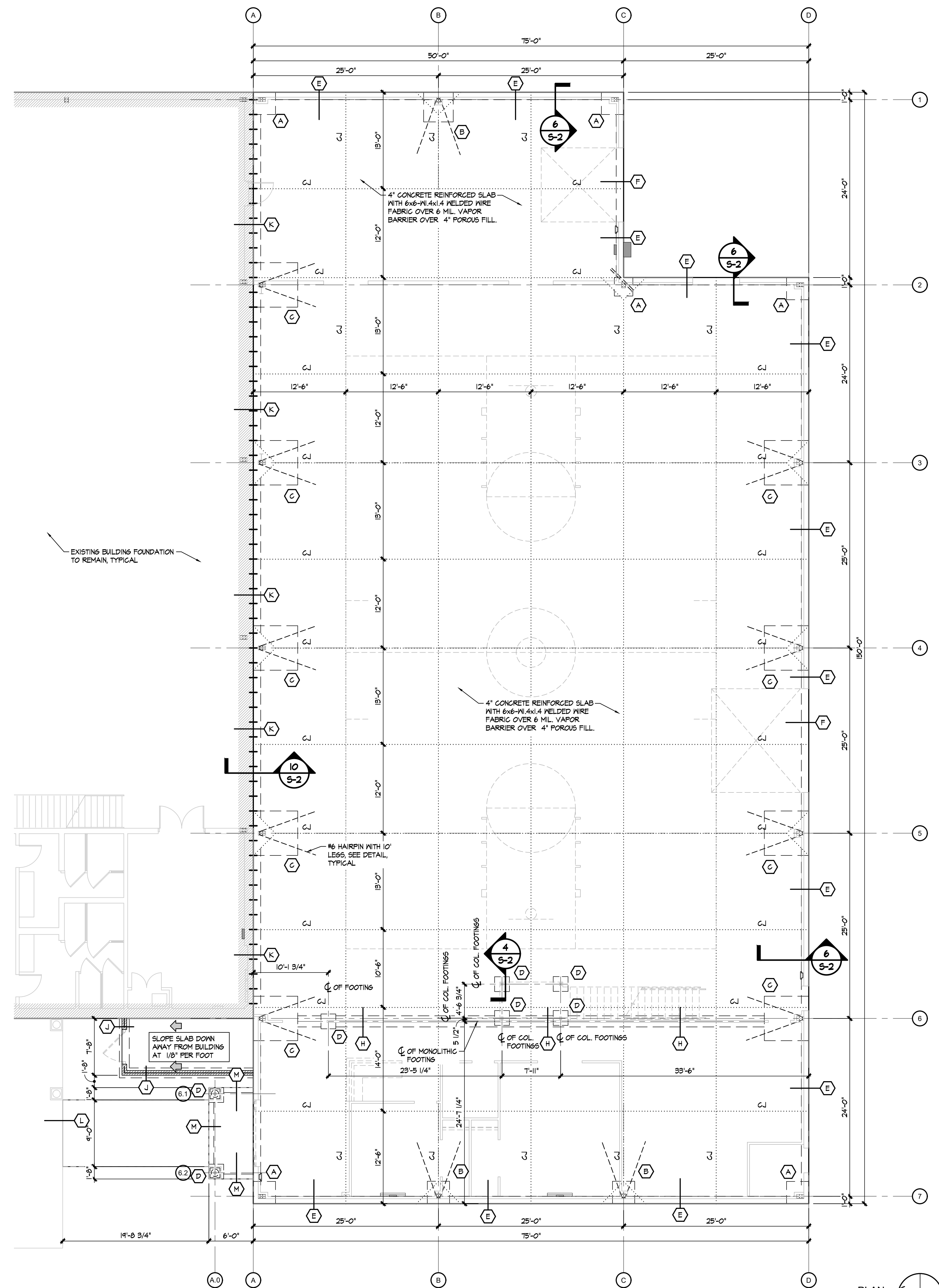
CONSTRUCTION SAFETY

- THESE DRAWINGS DO NOT CONTAIN THE REQUIREMENTS FOR JOB SAFETY. ALL PROVISIONS FOR SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



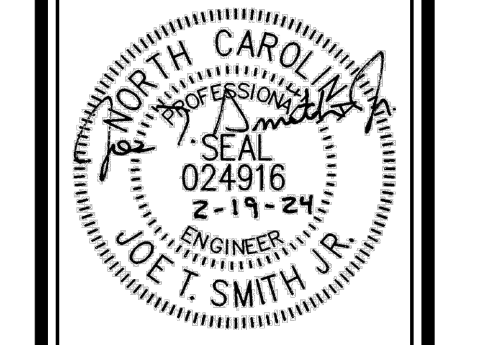
2 PERIMETER FTG. "M" SCALE: 1/2" = 1'-0"

1 PERIMETER FTG. "J" SCALE: 1/2" = 1'-0"



FOUNDATION PLAN SCALE: 1/8" = 1'-0" PLAN NORTH

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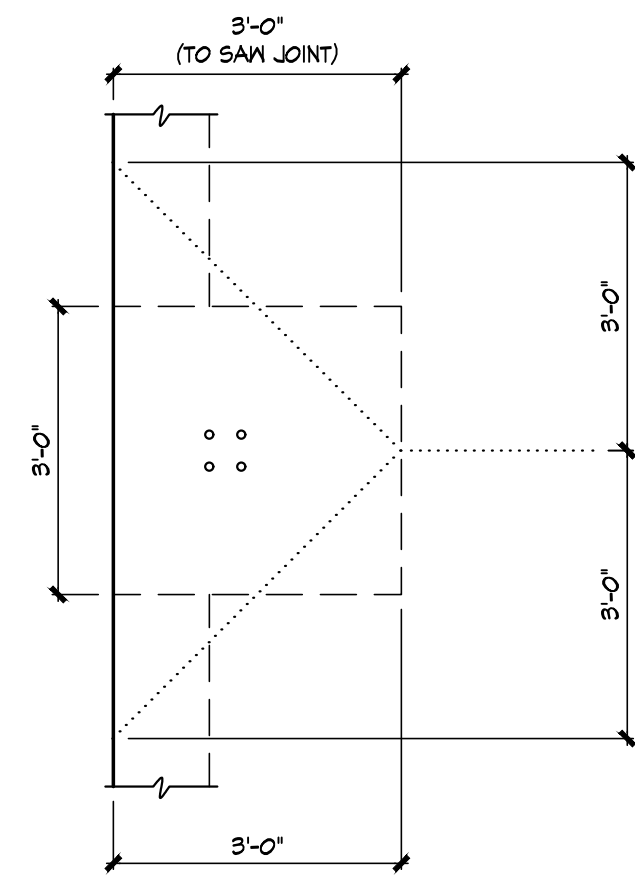


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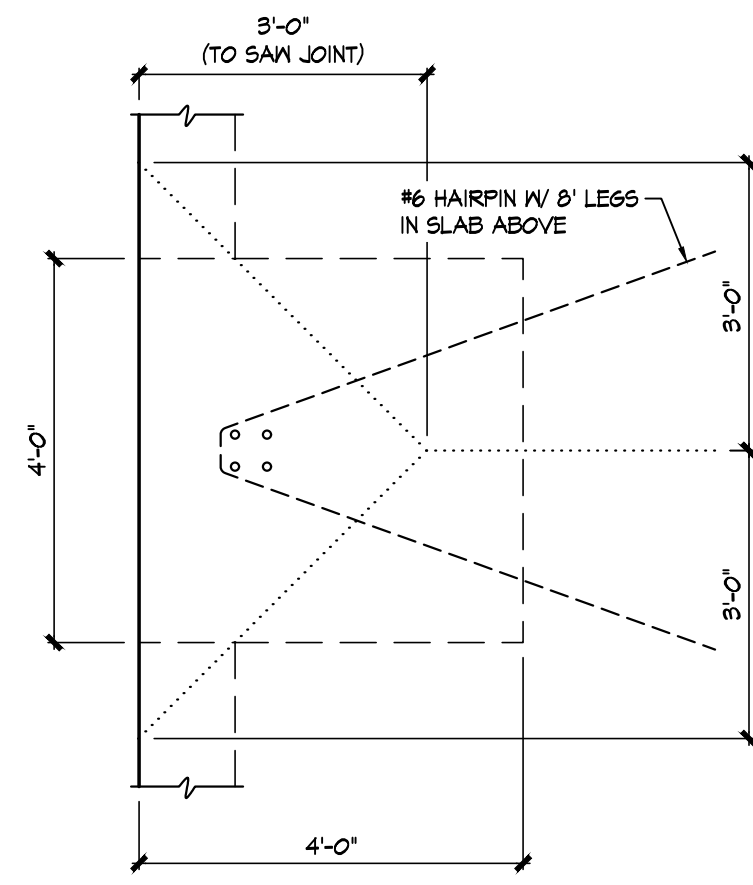
New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28534

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

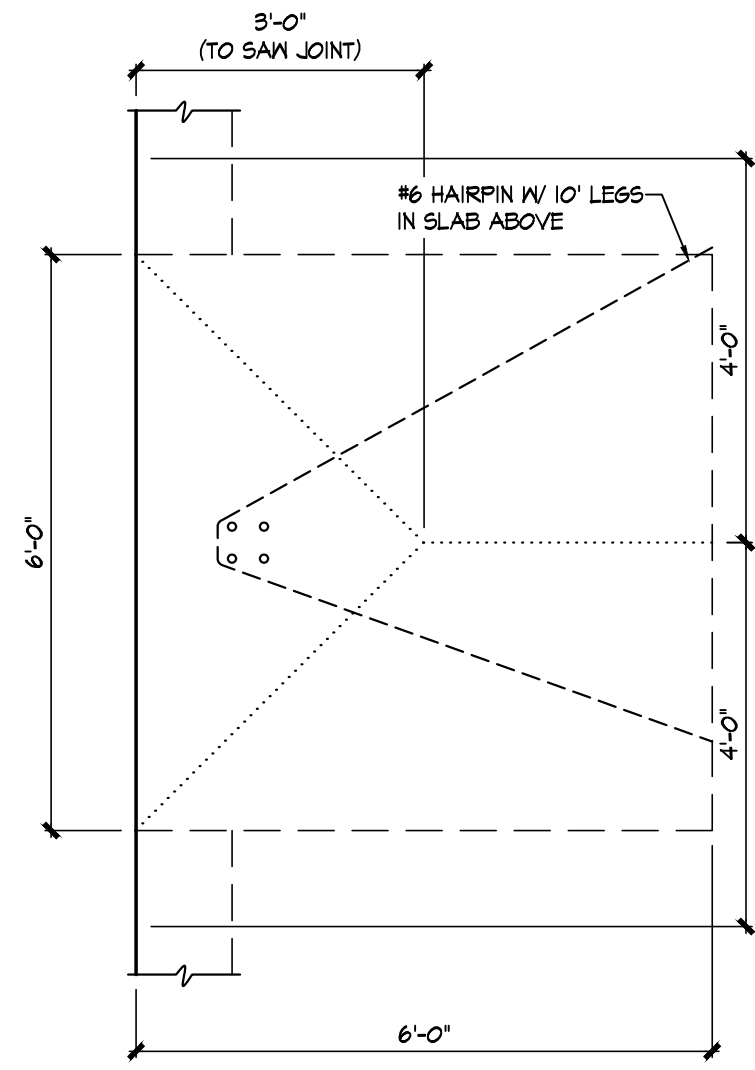
S-1



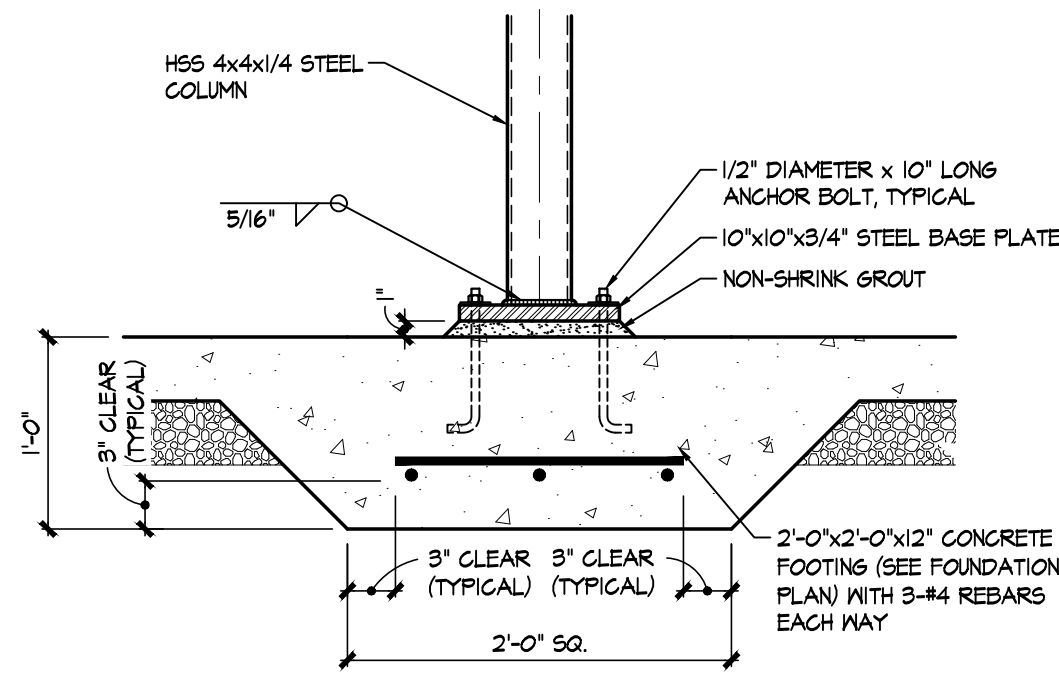
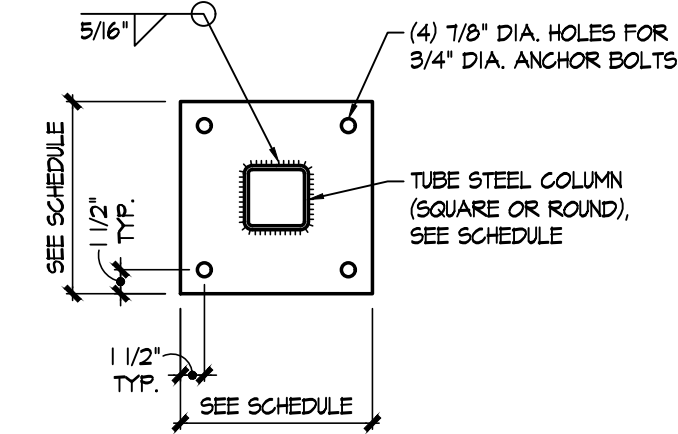
PLAN VIEW



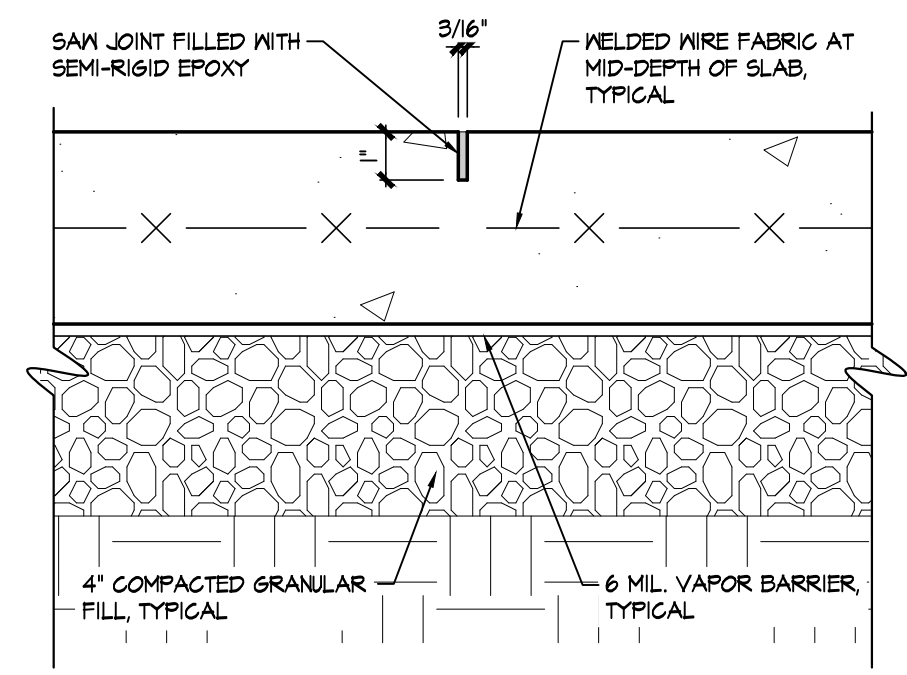
PLAN VIEW



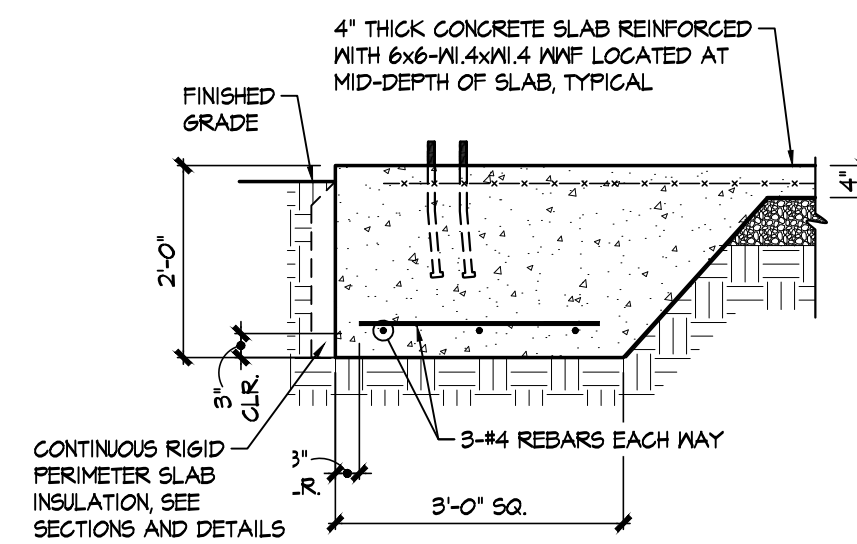
PLAN VIEW



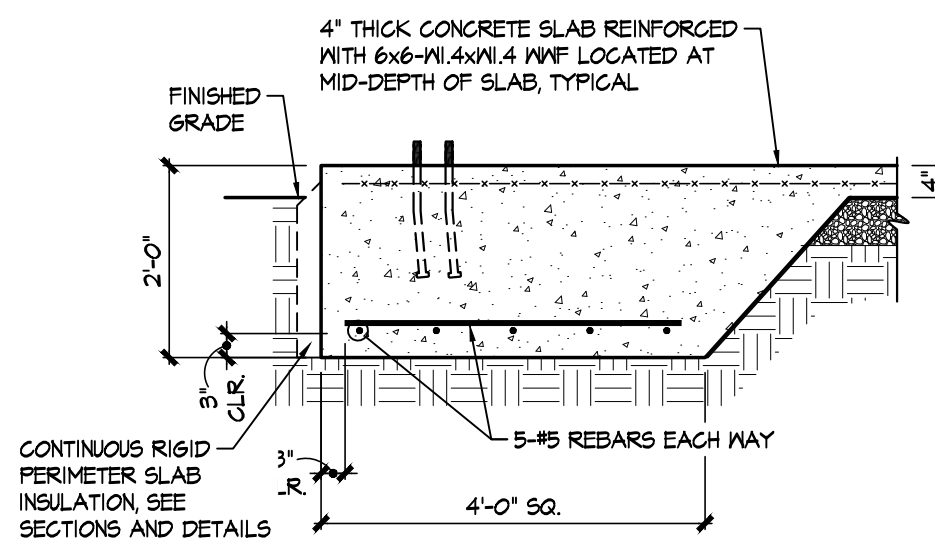
4 C-2 COLUMN FOOTING "D" SCALE: 1" = 1'-0"



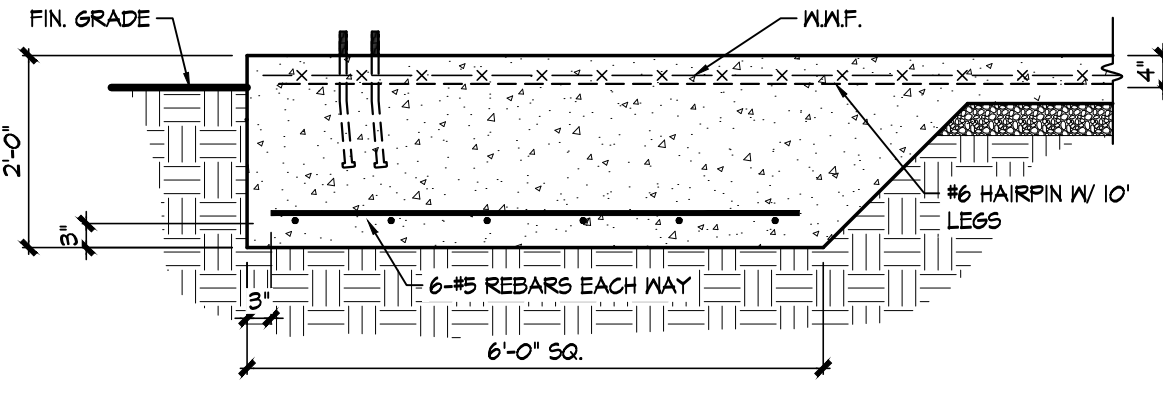
5 S-2 DETAIL SCALE: 3" = 1'-0" TYPICAL SLAB CRACK CONTROL JOINT WITH W.W.F. REINFORCING



SECTION VIEW



SECTION VIEW



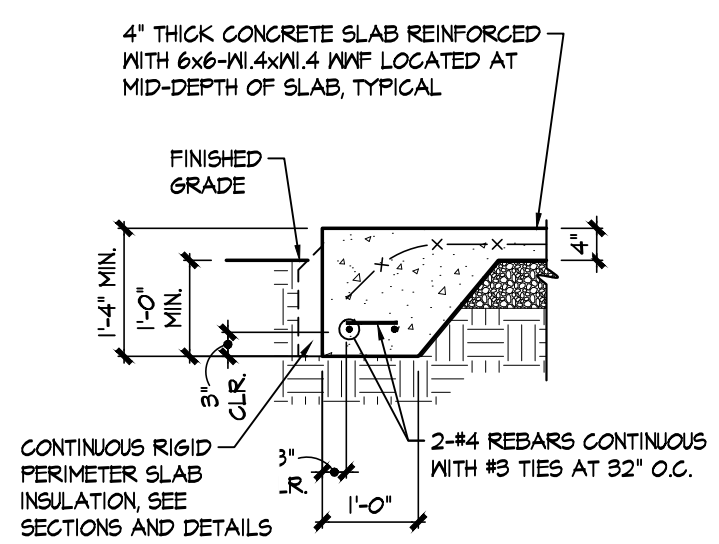
SECTION VIEW

1 S-2 COLUMN FOOTING "A" SCALE: 1/2" = 1'-0"

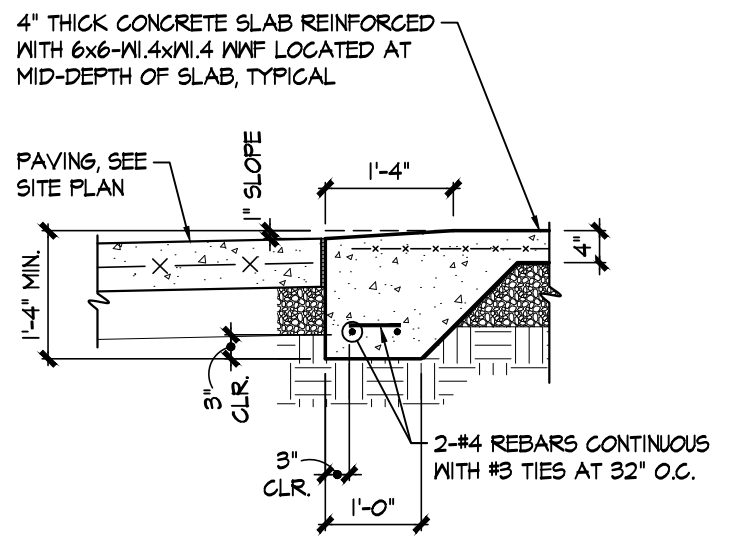
2 S-2 COLUMN FOOTING "B" SCALE: 1/2" = 1'-0"

3 S-2 COLUMN FOOTING "C" SCALE: 1/2" = 1'-0"

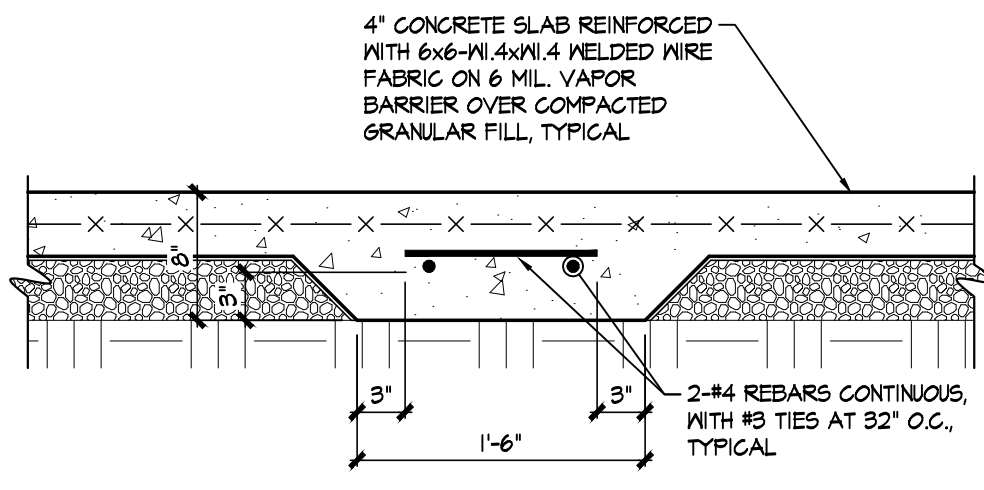
NOTE:
SAW JOINT SHALL BE MADE AS SOON AS CONCRETE HAS GAINED SUFFICIENT STRENGTH TO RETAIN AGGREGATE AGAINST THE SAWING ACTION OR AT 8 HOURS MAXIMUM AFTER PLACEMENT.



SECTION VIEW



SECTION VIEW



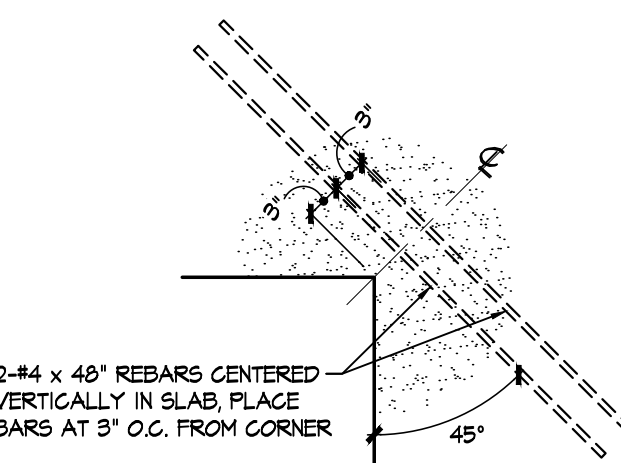
SECTION VIEW

6 S-2 PERIMETER FOOTING "E" SCALE: 1/2" = 1'-0" TYPICAL SLAB EDGE FOOTING AT METAL BUILDING

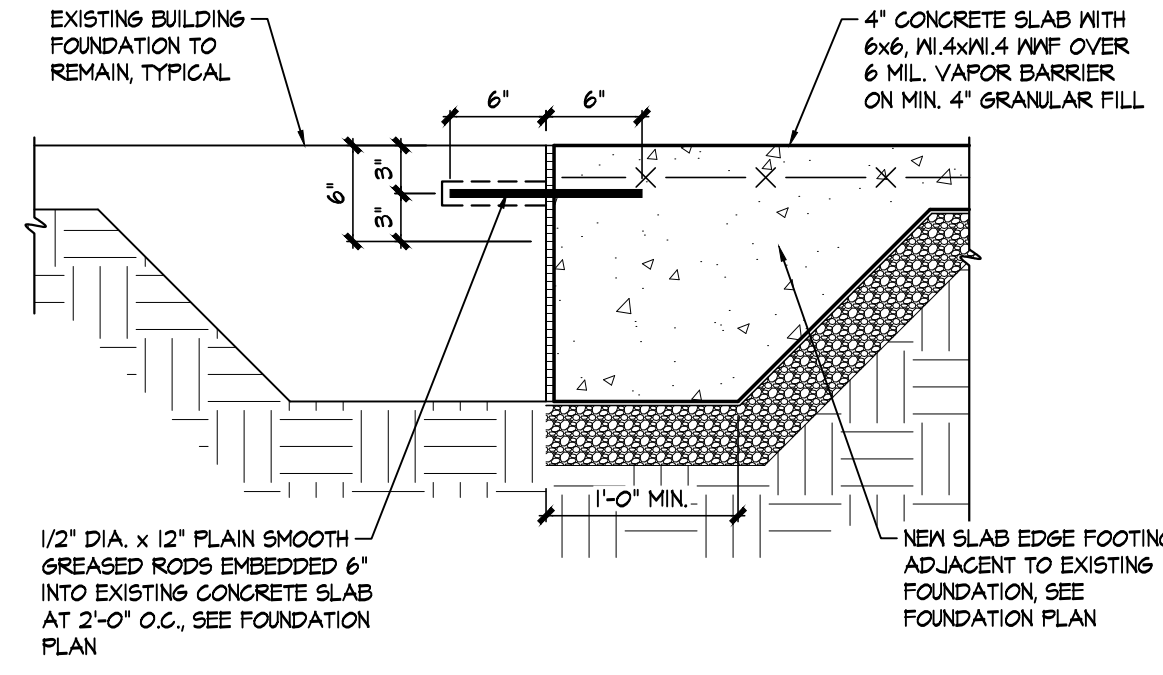
7 S-2 PERIMETER FOOTING "F" SCALE: 1/2" = 1'-0" TYPICAL SLAB EDGE FOOTING AT OVERHEAD DOOR

8 S-2 DETAIL SCALE: 1" = 1'-0" THICKENED SLAB FOOTING (H)

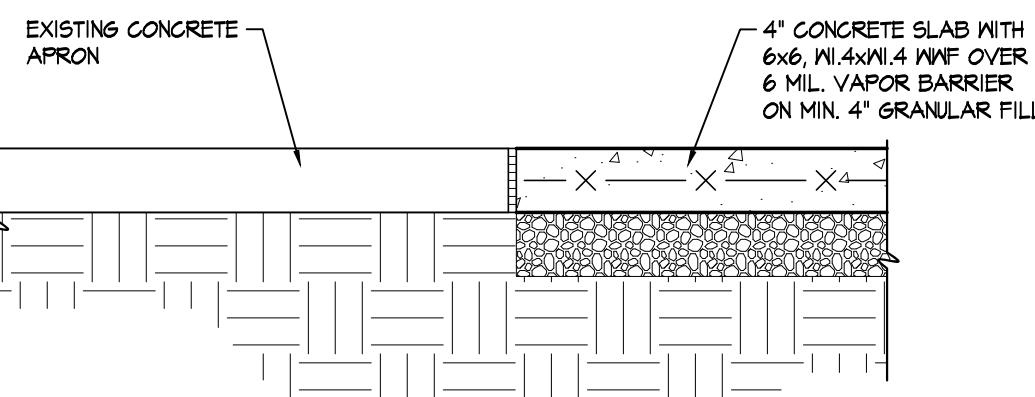
NOTE:
SEE FOUNDATION PLAN FOR CORNER REBAR INSTALLATION LOCATIONS



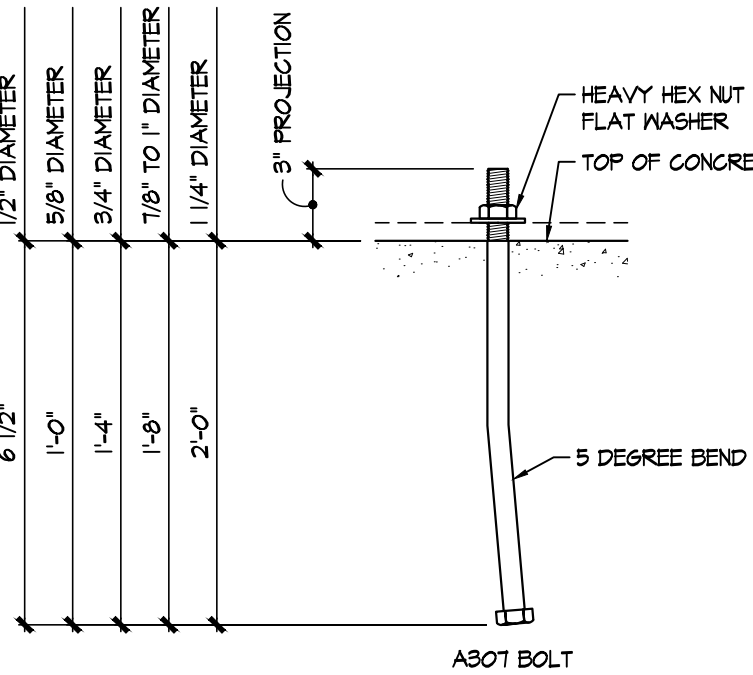
9 S-2 DETAIL SCALE: 3/4" = 1'-0" CORNER REBAR INSTALLATION



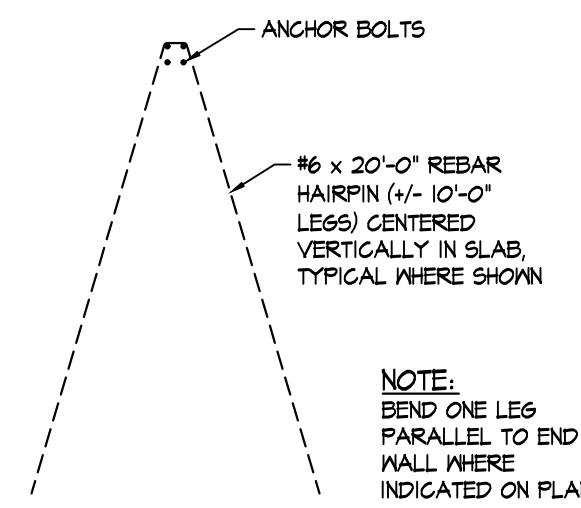
10 S-2 DETAIL SCALE: 1" = 1'-0" NEW SLAB TO EXISTING CONSTRUCTION CONNECTION (K)



SECTION VIEW



SECTION VIEW

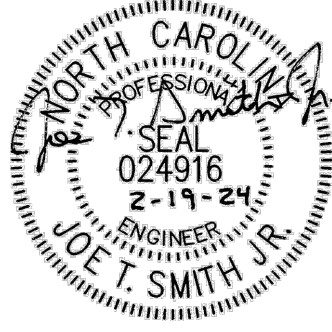


SECTION VIEW

11 S-2 DETAIL SCALE: 1" = 1'-0" NEW SLAB TO EXISTING CONSTRUCTION CONNECTION (L)

12 S-2 DETAIL SCALE: 1 1/2" = 1'-0" ANCHOR BOLT INSTALLATION

13 S-2 DETAIL SCALE: 1/4" = 1'-0" REBAR HAIRPIN CONSTRUCTION



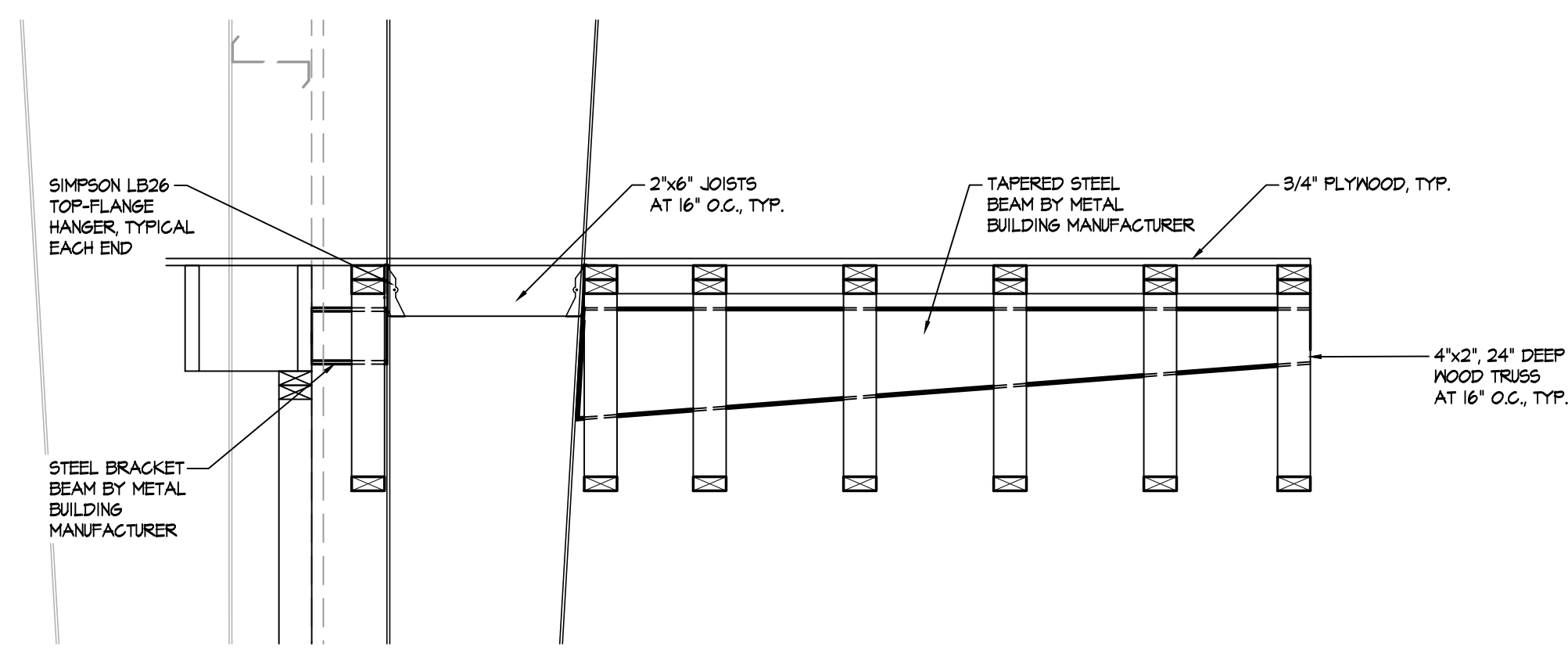
REV	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
494 Antioch Church Road,
Dunn, North Carolina 28334

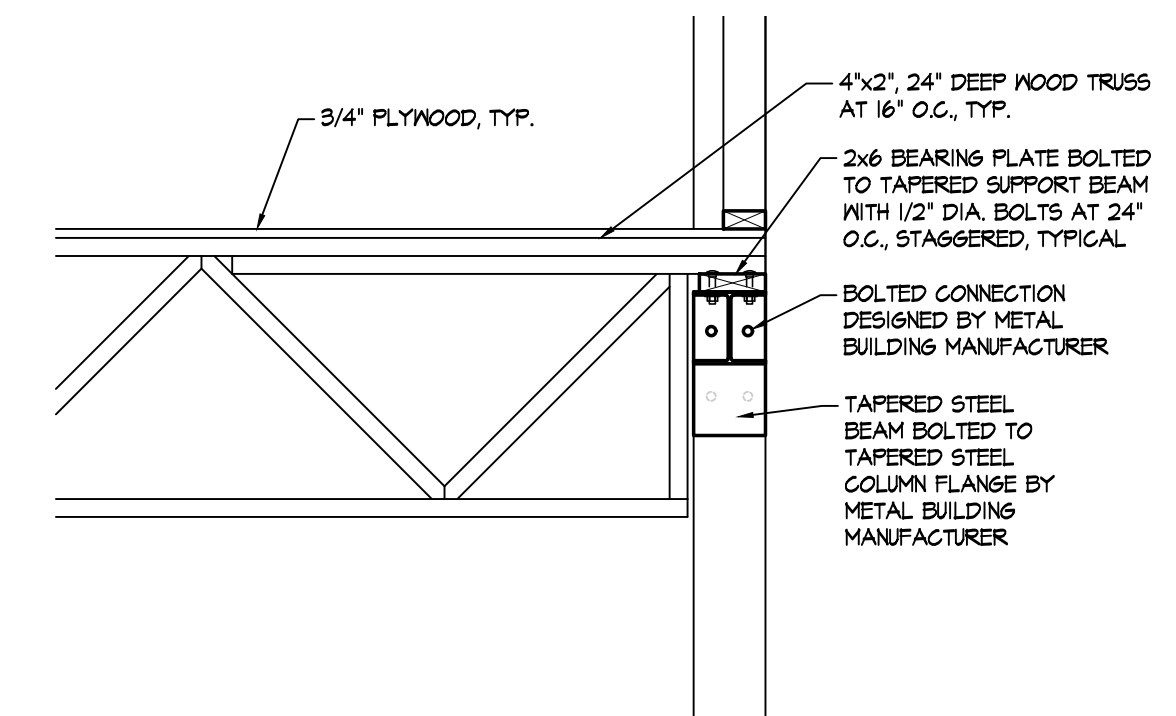
HEADER AND BEAM SCHEDULE

MARK	DESCRIPTION	REMARKS
B-1	2- 1 3/4"x11 7/8" LVL	PROVIDE 3 JACK STUDS AND 2 KING STUDS AT STUD WALL BEARING LOCATIONS
B-2	2-2x10s (SPF #2 MINIMUM)	
B-3	2-2x10s (SPF #2 MINIMUM)	PROVIDE 2 JACK STUDS AND 1 KING STUDS AT STUD WALL BEARING LOCATIONS
H-1	DOUBLE 800S162-54 HEADER WITH 600T125-48 TOP AND BOTTOM TRACKS	PROVIDE 2 JACK STUDS AND 2 KING STUDS AT BEARING LOCATIONS

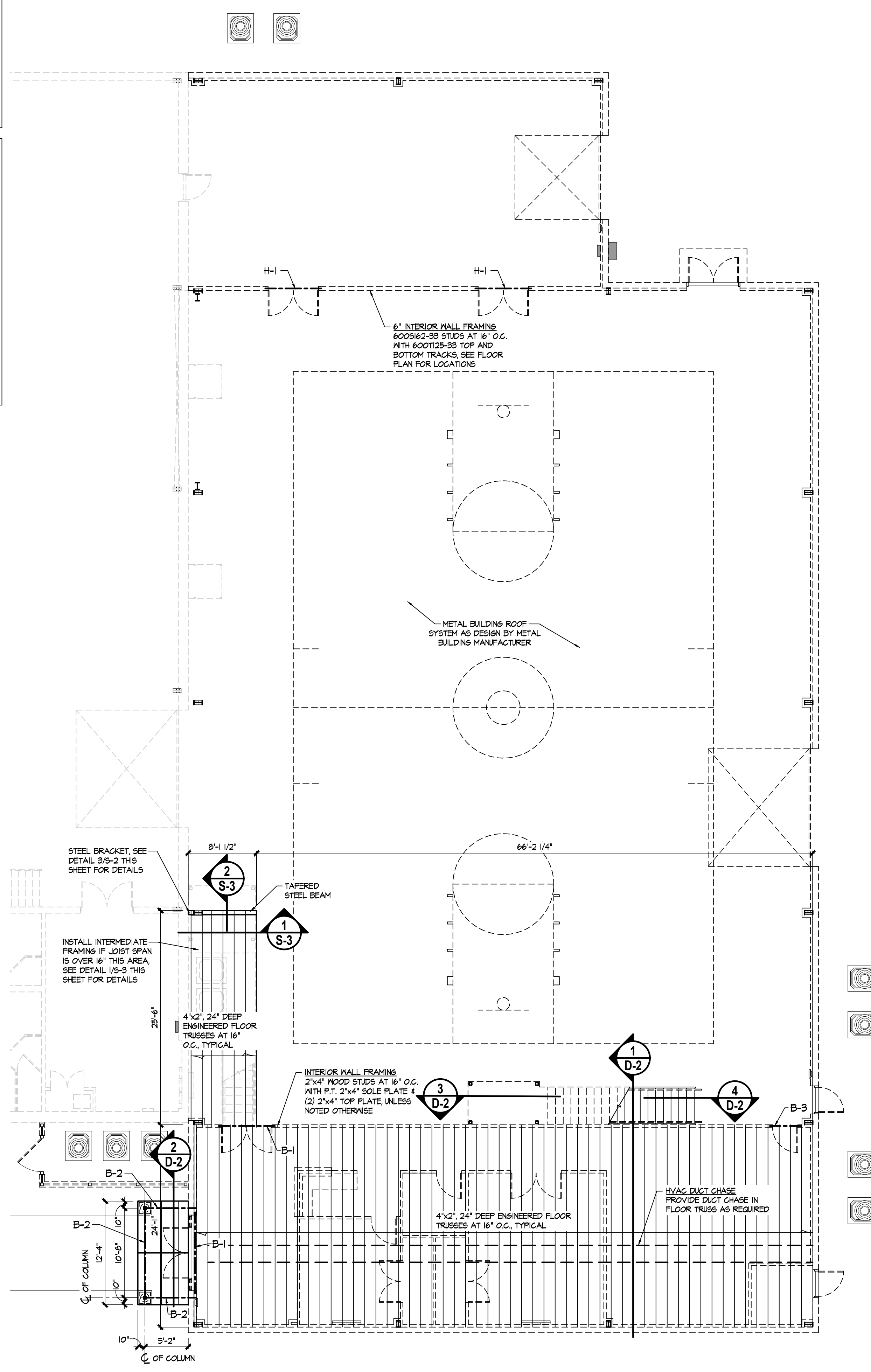
DESIGN CRITERIA	
1. OCCUPANCY:	OCCUPANCY RISK CATEGORY PER ASCE T-10 = III
2. IMPORTANCE FACTORS:	SNOW = 1.10 SEISMIC = 1.25
3. DESIGN LOADS:	FIRST FLOOR LIVE LOAD = 100 PSF MEZZANINE FLOOR LIVE LOAD = 100 PSF GROUND SNOW LOAD = 10 PSF
4. WIND:	WIND DESIGN VELOCITY = 121 MPH EXPOSURE CATEGORY = B
5. SEISMIC:	SITE CLASS = D SEISMIC DESIGN CATEGORY = C S _p = 0.66 STRUCTURAL SYSTEM = BUILDING FRAME ANALYSIS PROCEDURE = EQ. LAT. FORCE



1
S-3
DETAIL
TAPERED STEEL BEAM
SCALE: 3/4" = 1'-0"

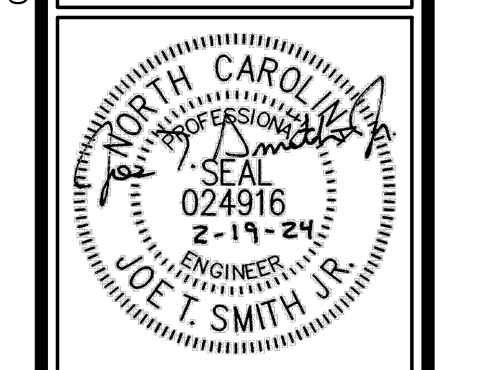


2
S-3
DETAIL
TAPERED STEEL BEAM
SCALE: 3/4" = 1'-0"



SECOND FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

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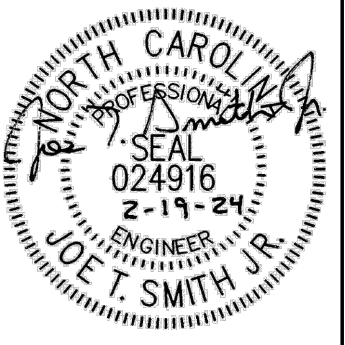
REV	DATE	DESCRIPTION

REV	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28534

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: AS NOTED

S-3

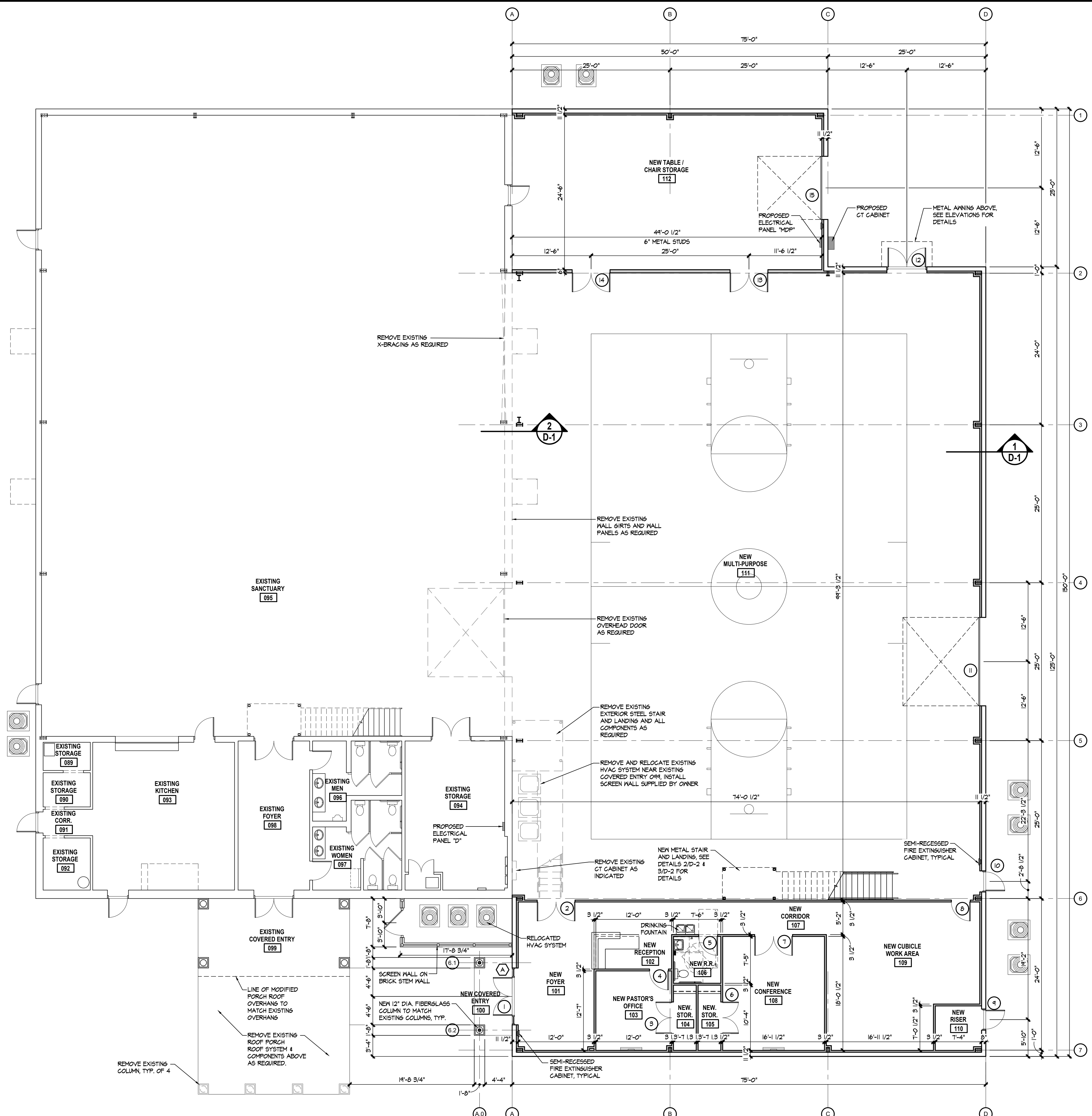


REV	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28534

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

G-1



SPRINKLER SYSTEM NOTE:
 THIS BUILDING IS INTENDED TO BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 13. SPRINKLER SYSTEM DESIGNED BY OTHERS.

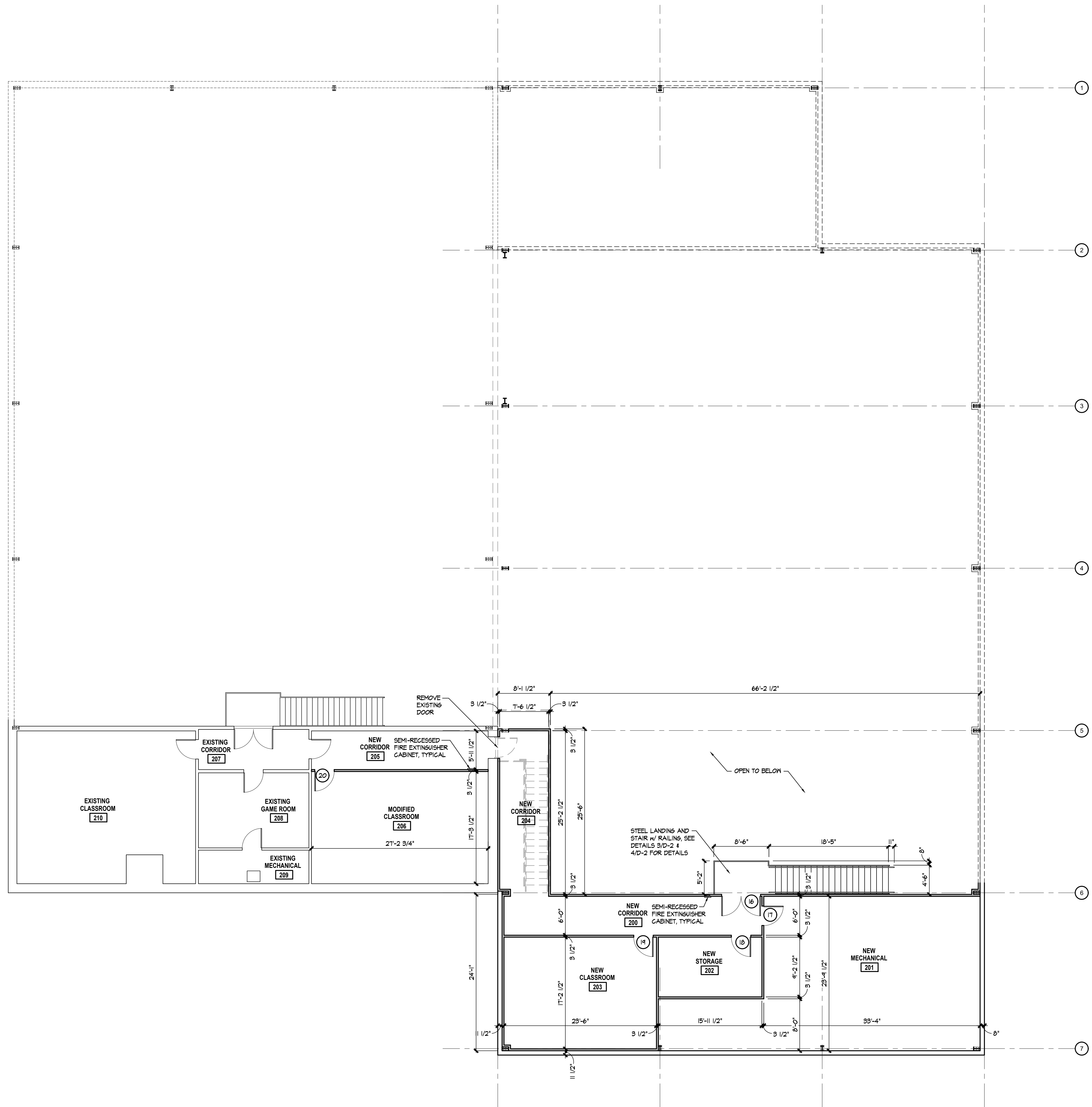
WALL LEGEND

FRAMED INTERIOR STUD WALLS. SEE FLOOR PLAN FOR WIDTH AND LOCATIONS.

NOTES:
 1. ALL INTERIOR WALL DIMENSIONS THIS PLAN ARE TO FACE OF STUD OR FACE OF MASONRY.
 2. CABINETS DIMENSIONS ARE GIVEN FOR REFERENCE AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.
 3. ALL INTERIOR FRAMED WALLS ARE TO BE BRACED TO RIGID METAL FRAME AS REQUIRED.
 4. SEE FRAMING PLAN FOR STUD SIZE AND SPACING.
 5. INSTALL SOUND ATTENUATION INSULATION IN ALL TOILET ROOM STUD FRAMED WALLS.
 6. ALL GYPSUM WALL BOARD TO BE 5/8" THICK, TYPICAL.

FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

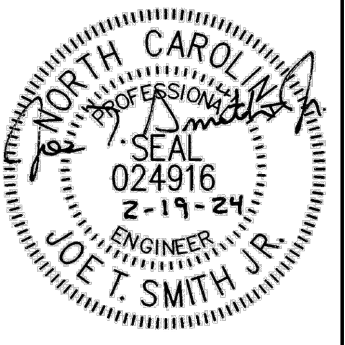


SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

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REV.	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28334

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

G-2

DOOR SCHEDULE

NUMBER	DOORS					FRAME					HARDWARE																REMARKS								
	SIZE	THICKNESS	LABEL/RATING	MATERIAL	ELEV	MATERIAL	ELEV	HEAD	JAMB	SILL	HINGES	1/2 PAIR SPRINGS	HINGES	BB HINGES	CLOSER	DEADBOLT LOCK	ENTRY LOCK	PRIVATE LOCK	PASSAGE LOCK	PUSH/PULL	FLOOR/CEILING BOLT	MALL STOP	FLOOR STOP	PANIC DEVICE	KICKPLATE	THRESHOLD		WEATHER-STRIPPING	SWEEP	WITH DOOR					
1	2-3/0x7/0	1 3/4"	-	ALUMINUM	DE-6	ALUMINUM	FE-2	-	-	-																					DEADBOLT LOCK TO HAVE INTERIOR THUMB BOLT.				
2	2-3/0x7/0	1 3/4"	-	WOOD	DE-3	H. METAL	FE-2	-	-	-																									
3	2-2/6x7/0	1 3/4"	-	WOOD	DE-9	H. METAL	FE-3	-	-	-																									
4	3/0x7/0	1 3/4"	-	WOOD	DE-2	H. METAL	FE-1	-	-	-																									
5	3/0x7/0	1 3/4"	-	WOOD	DE-2	H. METAL	FE-1	-	-	-																									
6	2-2/6x7/0	1 3/4"	-	WOOD	DE-9	H. METAL	FE-3	-	-	-																									
7	2-3/0x7/0	1 3/4"	-	WOOD	DE-3	H. METAL	FE-2	-	-	-																									
8	3/0x7/0	1 3/4"	-	WOOD	DE-2	H. METAL	FE-1	-	-	-																									
9	3/0x7/0	1 3/4"	-	H. METAL	DE-4	H. METAL	FE-1	-	-	-																									
10	3/0x7/0	1 3/4"	-	H. METAL	DE-4	H. METAL	FE-1	-	-	-																									
11	14/0x2/0	2"	-	STEEL	DE-1	-	-	-	-	-																							PROVIDE INSULATED PANELS		
12	2-3/0x7/0	1 3/4"	-	H. METAL	DE-5	H. METAL	FE-2	-	-	-																									
13	2-3/0x7/0	1 3/4"	-	WOOD	DE-9	H. METAL	FE-1	-	-	-																									
14	2-3/0x7/0	1 3/4"	-	WOOD	DE-9	H. METAL	FE-1	-	-	-																									
15	10/0x10/0	2"	-	STEEL	DE-1	-	-	-	-	-																								PROVIDE INSULATED PANELS	
16	2-3/0x7/0	1 3/4"	-	WOOD	DE-3	H. METAL	FE-2	-	-	-																									
17	3/0x7/0	1 3/4"	-	WOOD	DE-1	H. METAL	FE-1	-	-	-																									
18	3/0x7/0	1 3/4"	-	WOOD	DE-1	H. METAL	FE-1	-	-	-																									
19	3/0x7/0	1 3/4"	-	WOOD	DE-2	H. METAL	FE-1	-	-	-																									
20	3/0x7/0	1 3/4"	-	WOOD	DE-2	H. METAL	FE-1	-	-	-																									

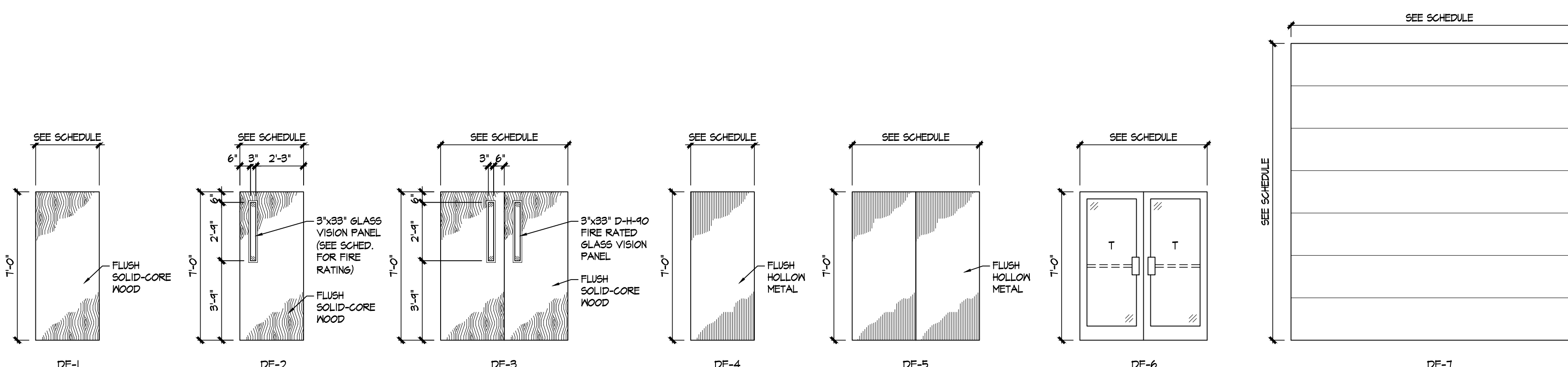
WINDOW SCHEDULE

MARK	SIZE (WxH)	DESCRIPTION	LABEL / RATING	ELEV	FRAME	FRAME COLOR	GLAZING	REMARKS
A	9/6x9/4	FIXED STOREFRONT	---	WE-1	ALUMINUM	TBD	CLEAR, INSULATING	MAXIMUM U-FACTOR = 0.45



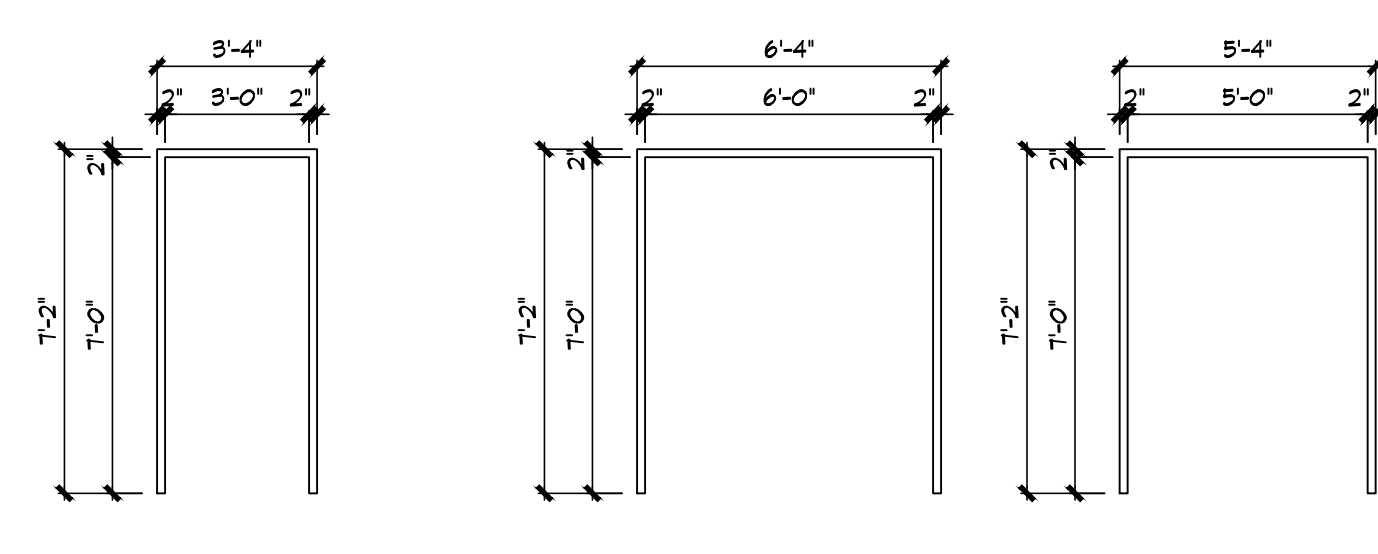
WINDOW ELEVATION

SCALE: 1/4" = 1'-0"



DOOR ELEVATIONS

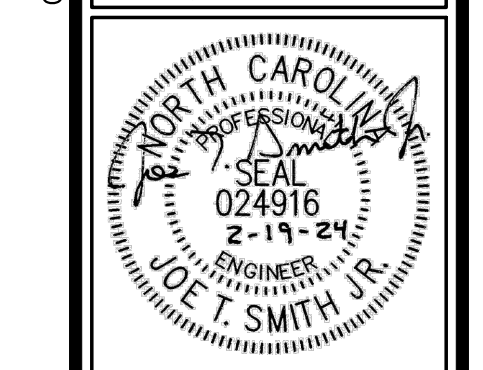
SCALE: 1/4" = 1'-0"



FRAME ELEVATIONS

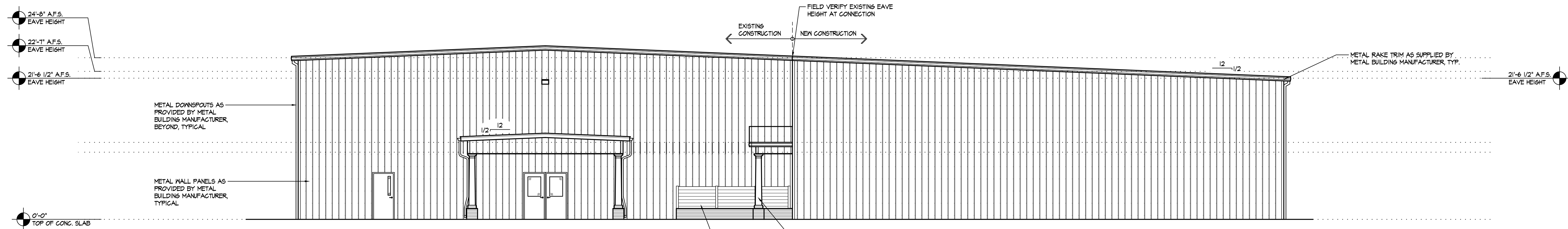
SCALE: 1/4" = 1'-0"

- TYPICAL DOOR AND WINDOW SCHEDULE NOTES:**
- HARDWARE SHALL MEET ALL APPLICABLE HANDICAP CODES.
 - ALL HOLLOW METAL DOOR FRAMES SHALL BE FULLY WELDED TYPE, FACTORY PRIMED AND FIELD PAINTED. INSTALL PER MANUFACTURER, PROVIDE ALL FRAMING AS REQUIRED FOR PROPER INSTALLATION AND OPERATION.
 - "T" = TEMPERED GLAZING.
 - VERIFY FRAME DIMENSIONS IN FIELD.



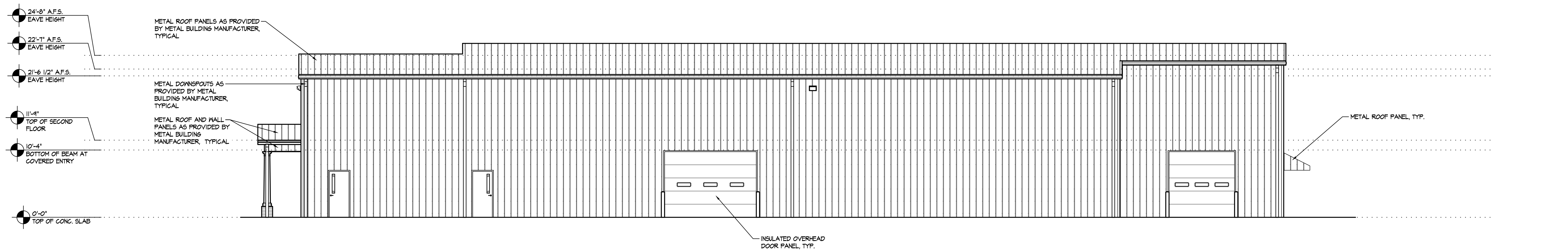
REV	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
494 Antioch Church Road,
Dunn, North Carolina 28534



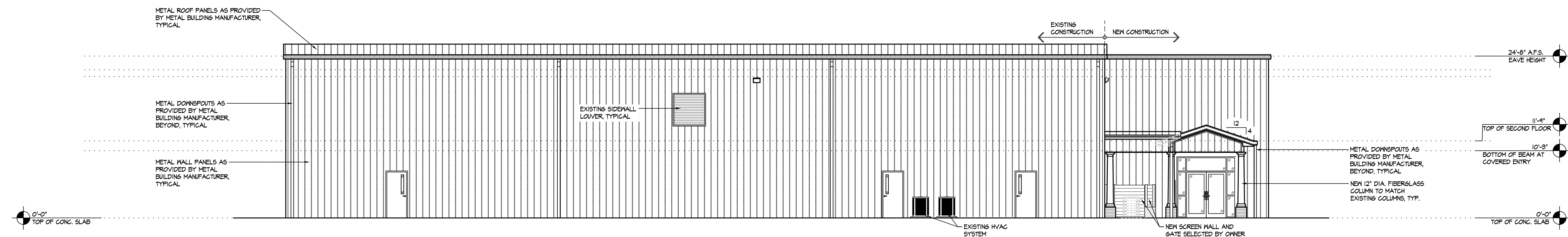
FRONT ELEVATION

SCALE: 1/8" = 1'-0"



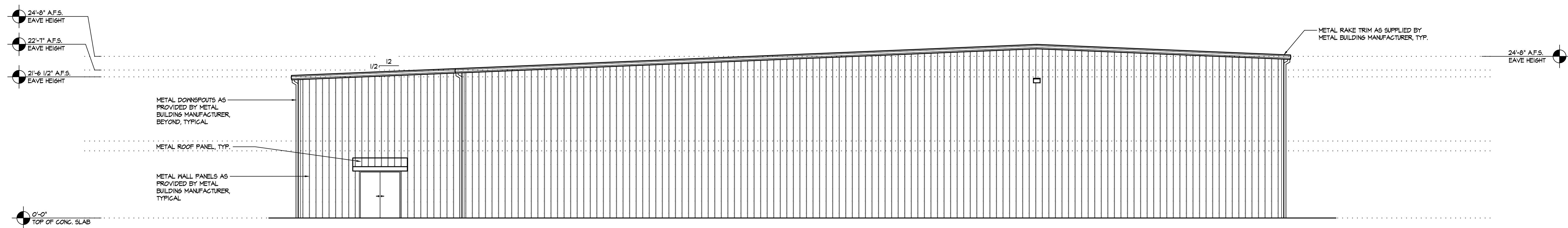
RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

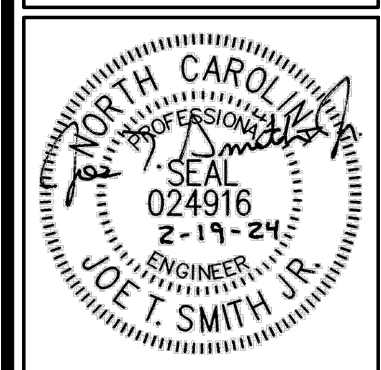
SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"

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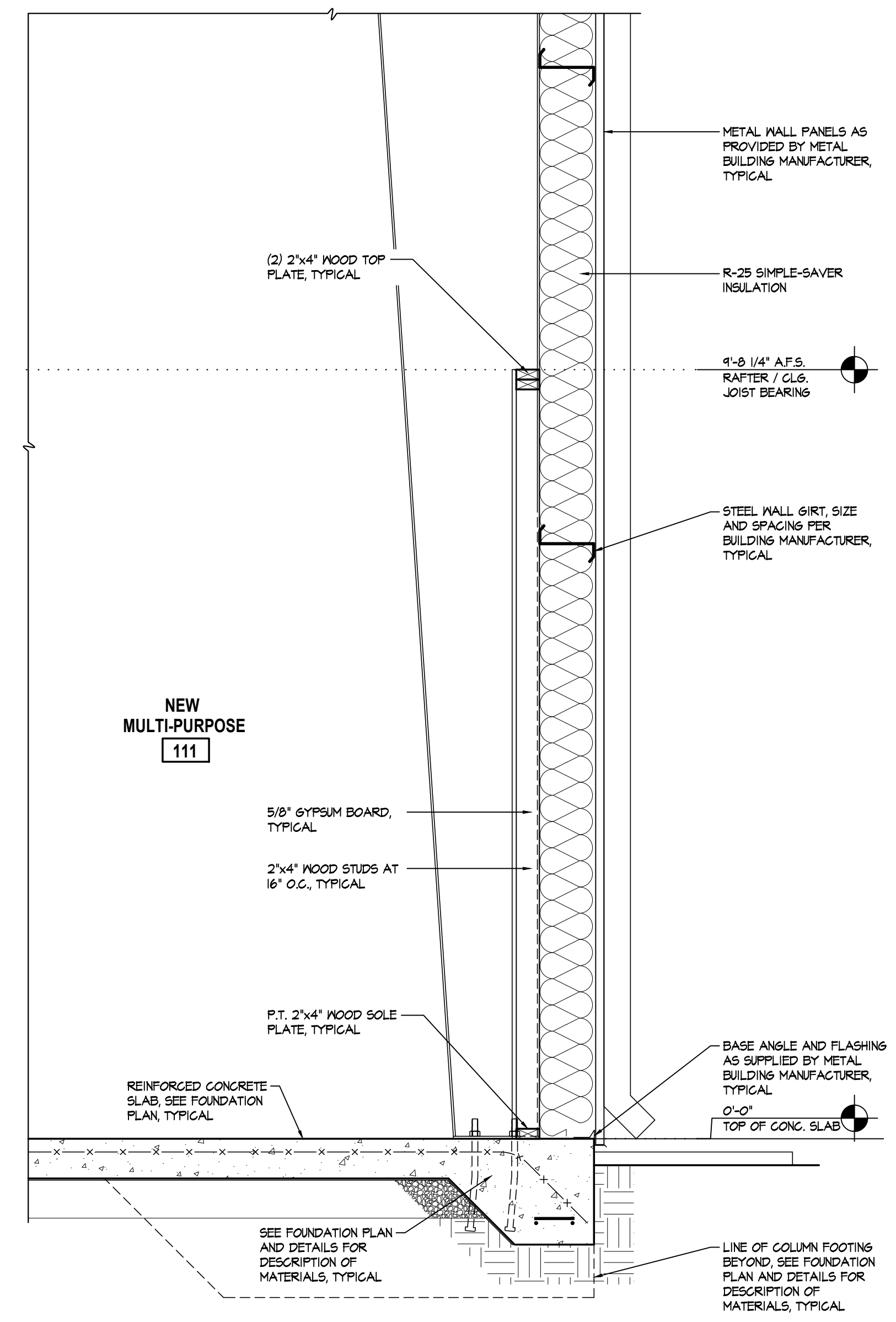
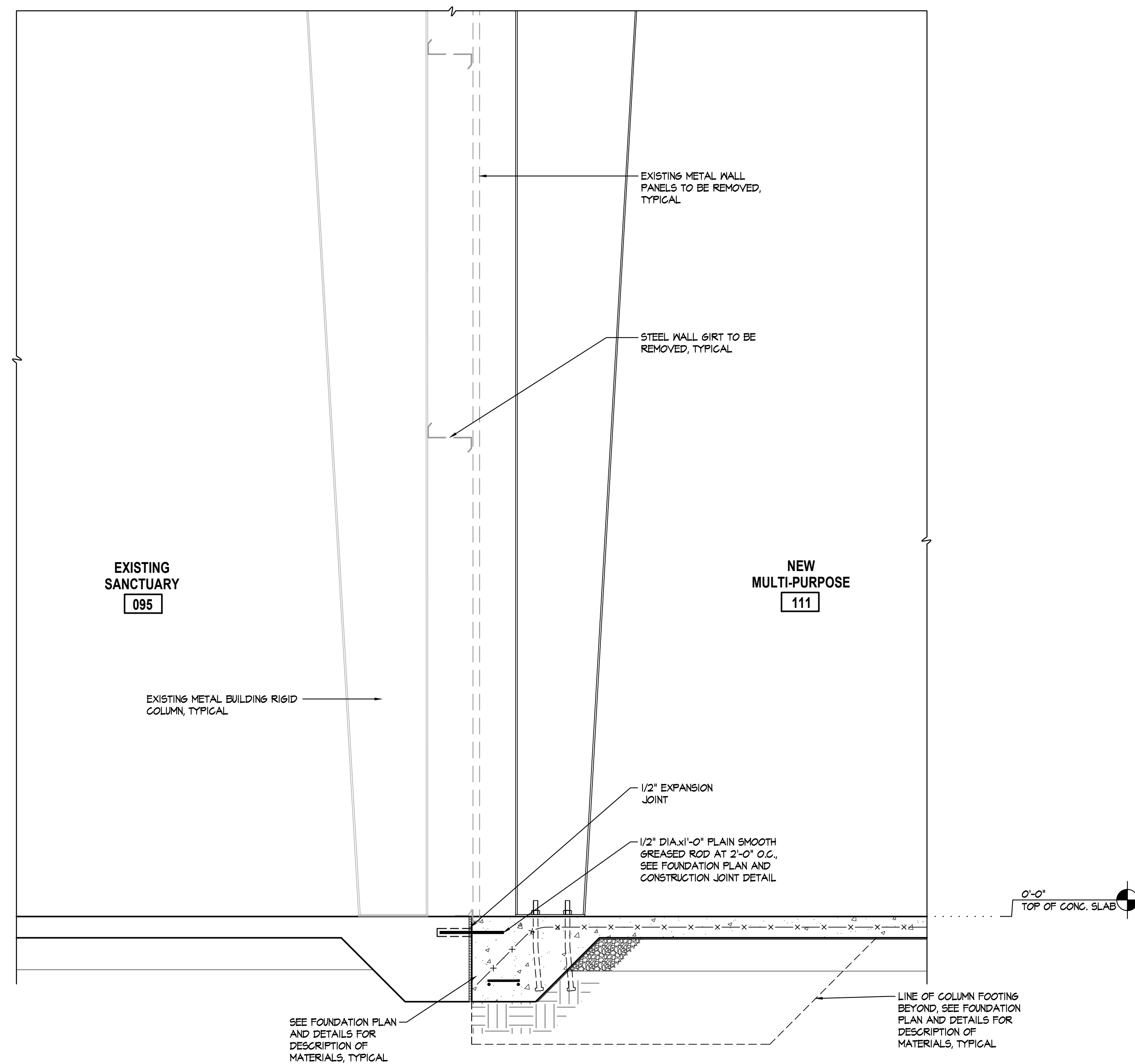
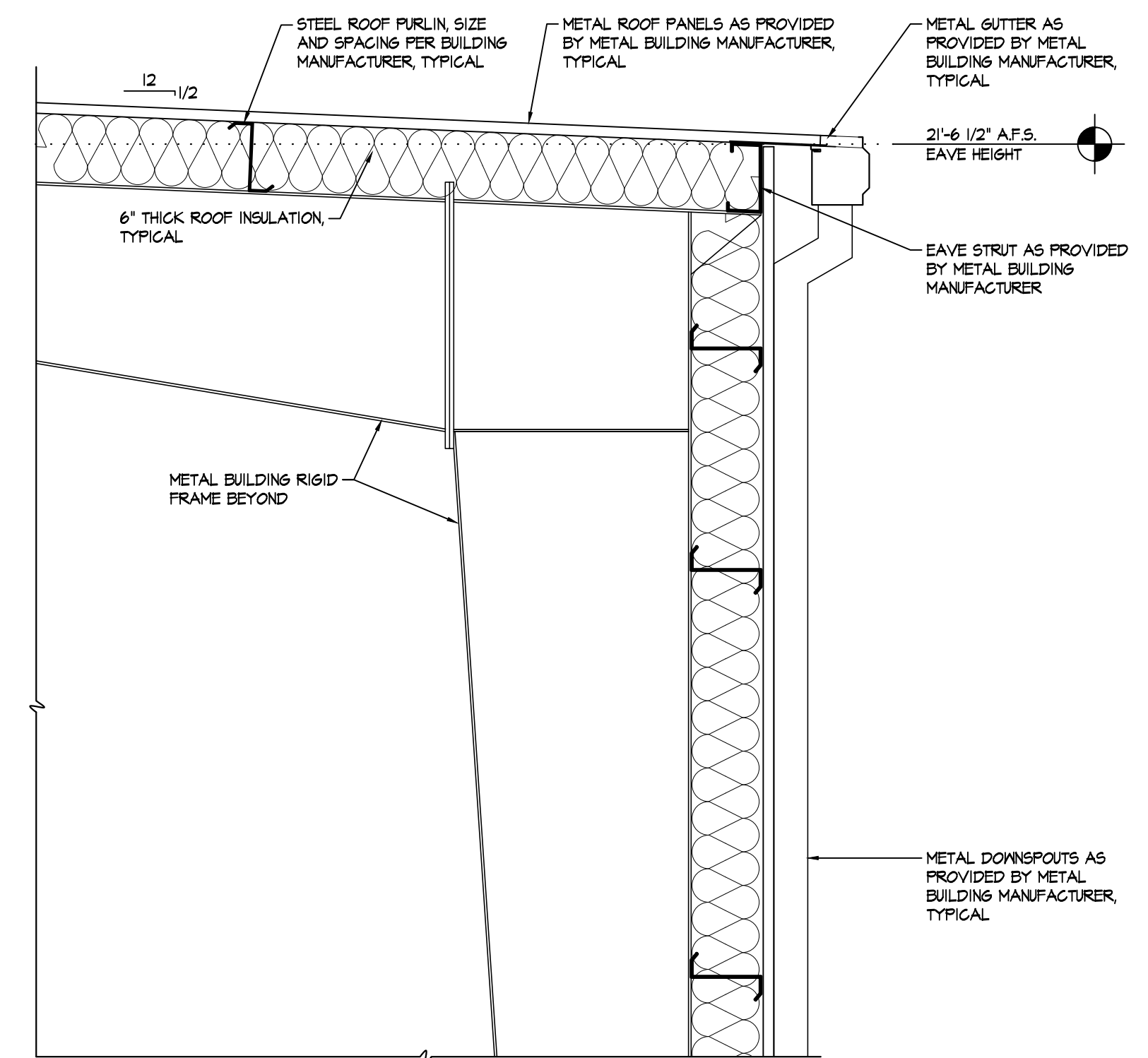
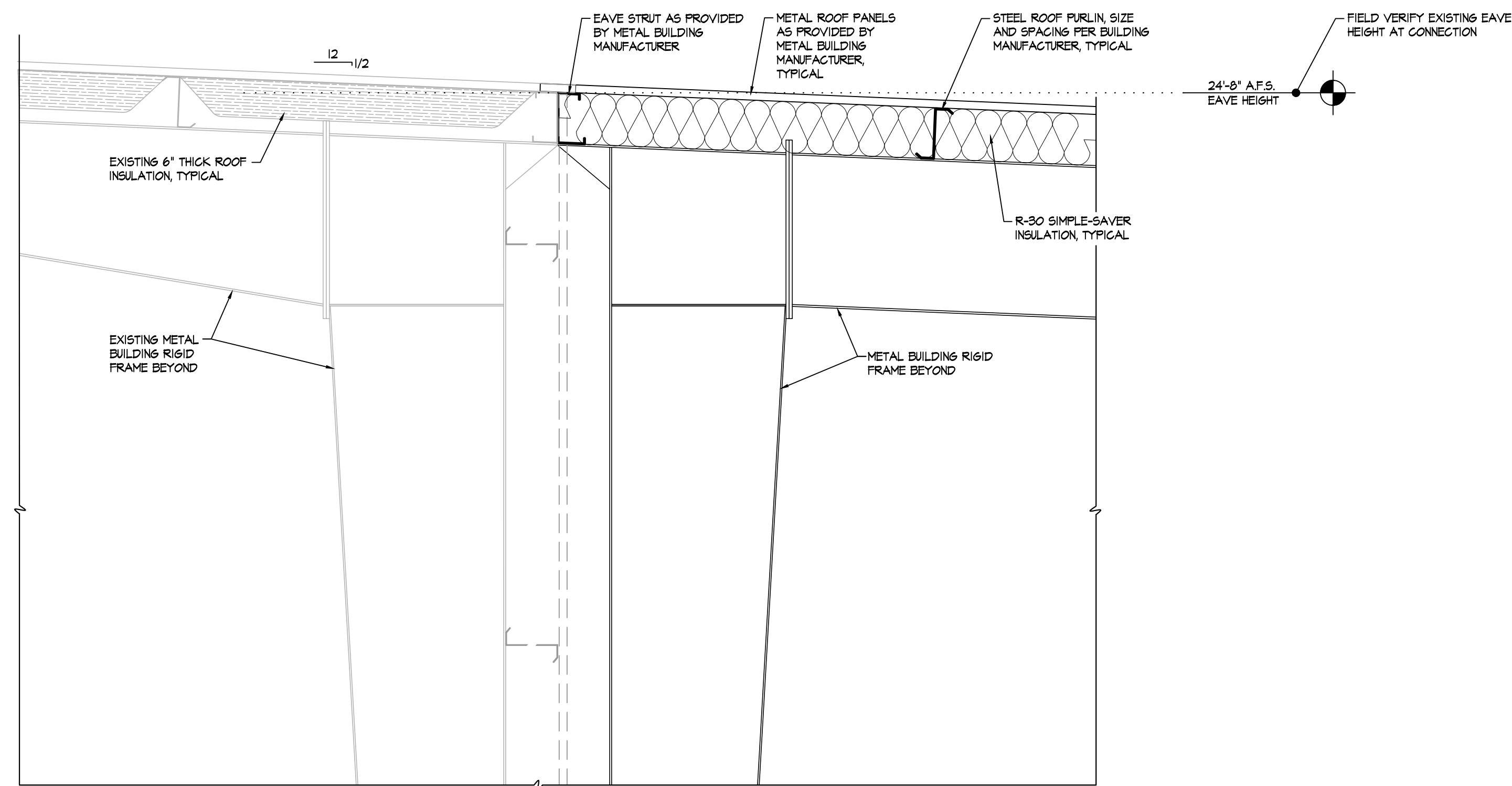


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New Alteration and Addition for:
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 494 Antioch Church Road,
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DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/4" = 1'-0"

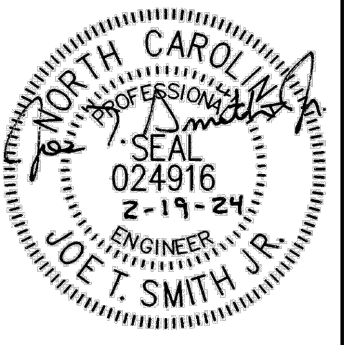




2 WALL SECTION
D-1 SCALE: 3/4" = 1'-0"

1 WALL SECTION
D-1 SCALE: 3/4" = 1'-0"

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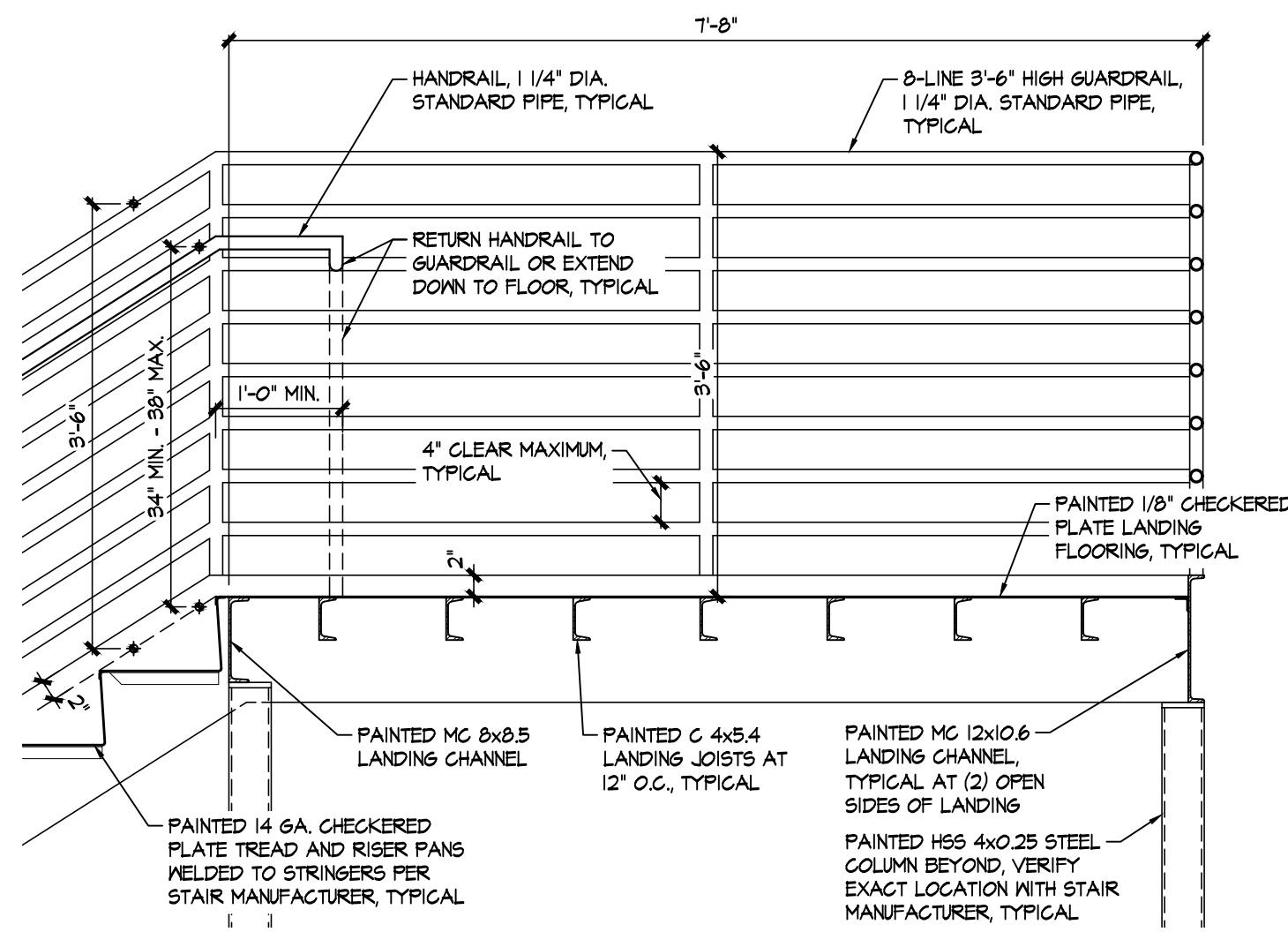


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 SCALE: 3/4" = 1'-0"

D-1

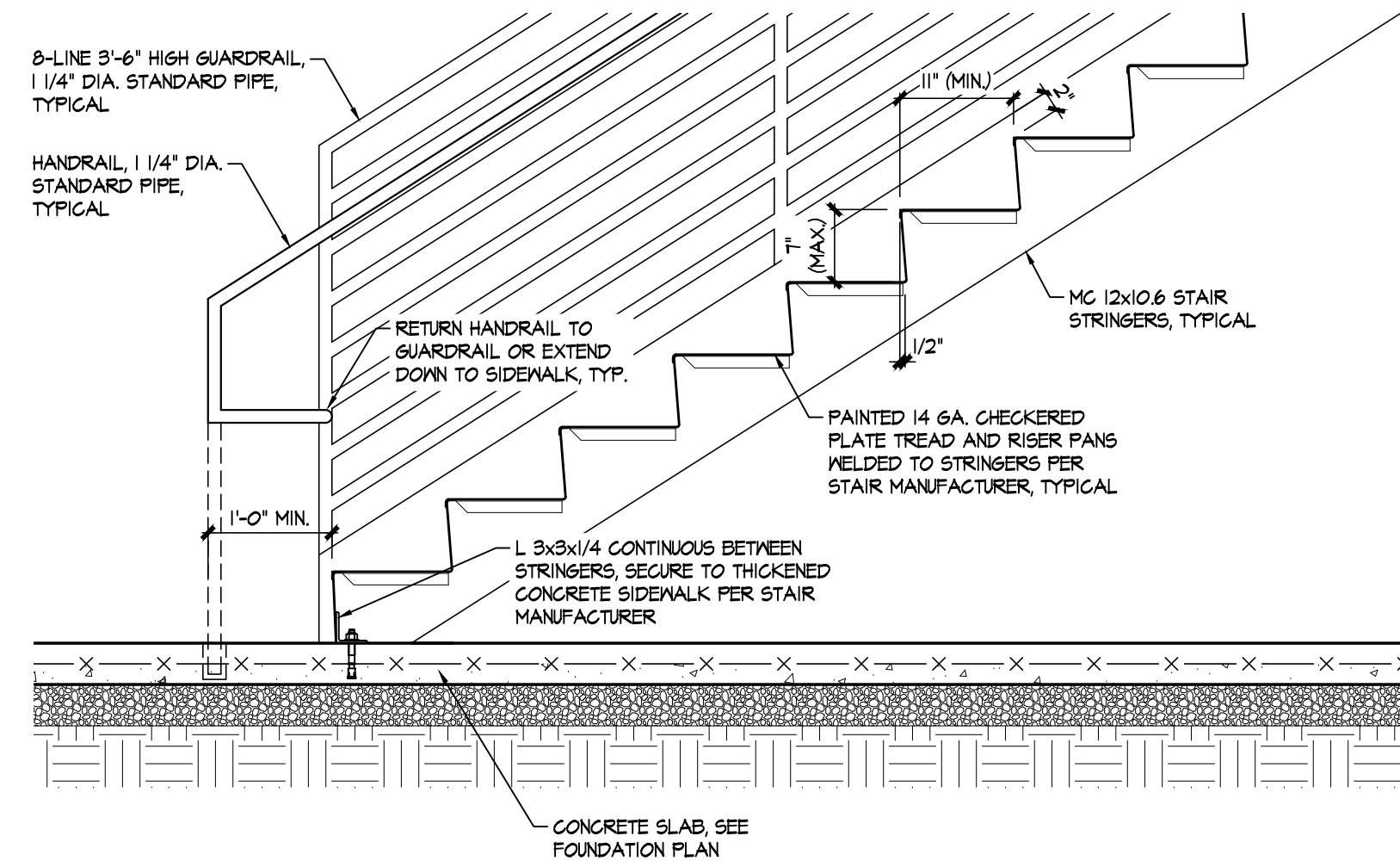


3
D-2

DETAIL

STEEL INTERIOR STAIR UPPER LANDING

SCALE: 3/4" = 1'-0"

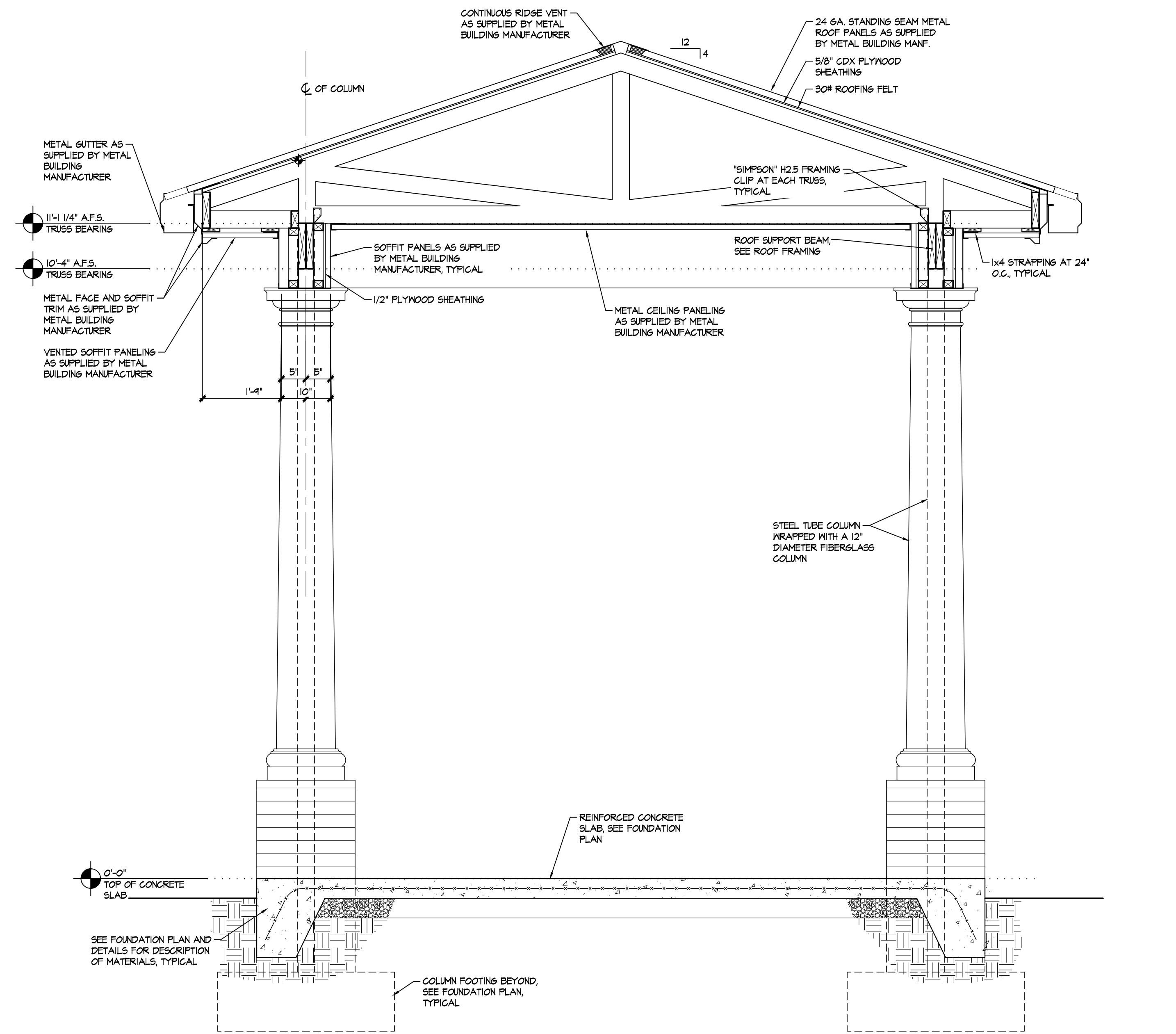


4
D-2

DETAIL

STEEL INTERIOR STAIR LOWER LANDING

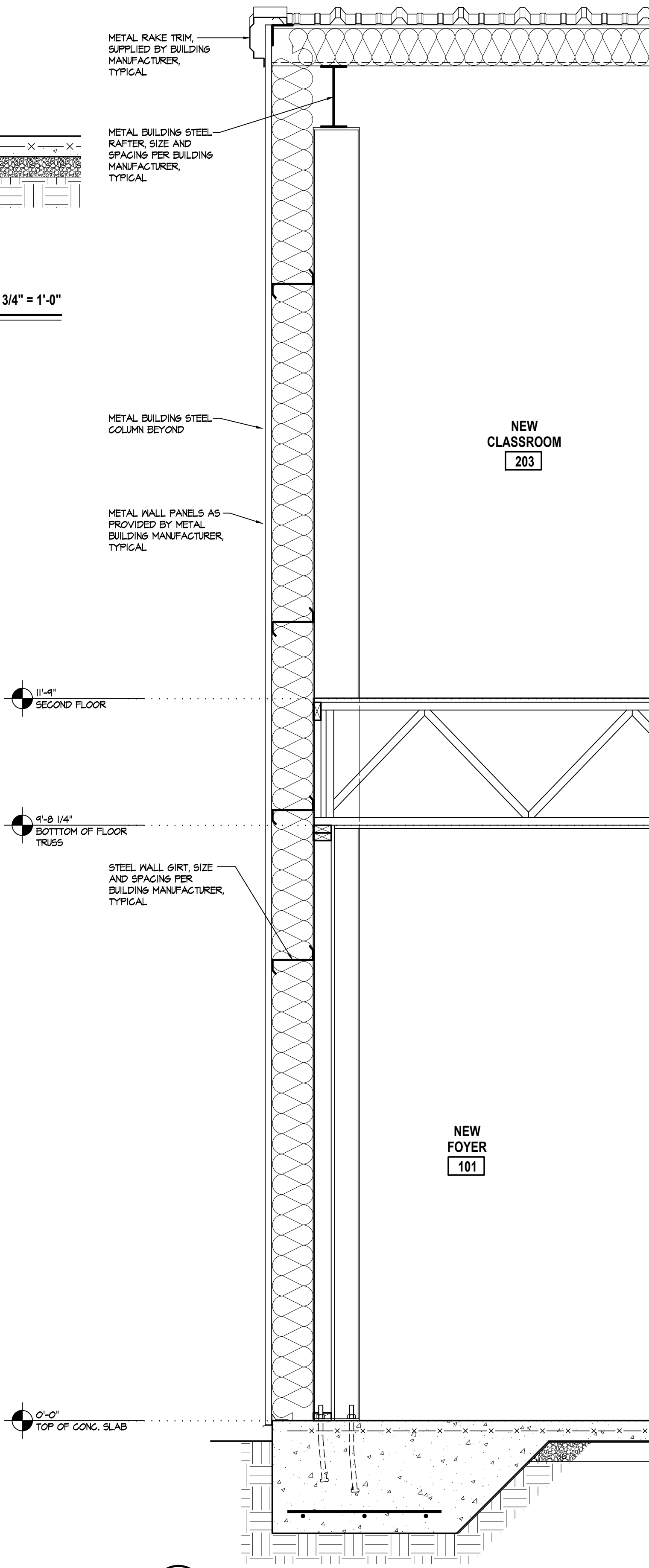
SCALE: 3/4" = 1'-0"



2
D-2

COVERED ENTRY SECTION

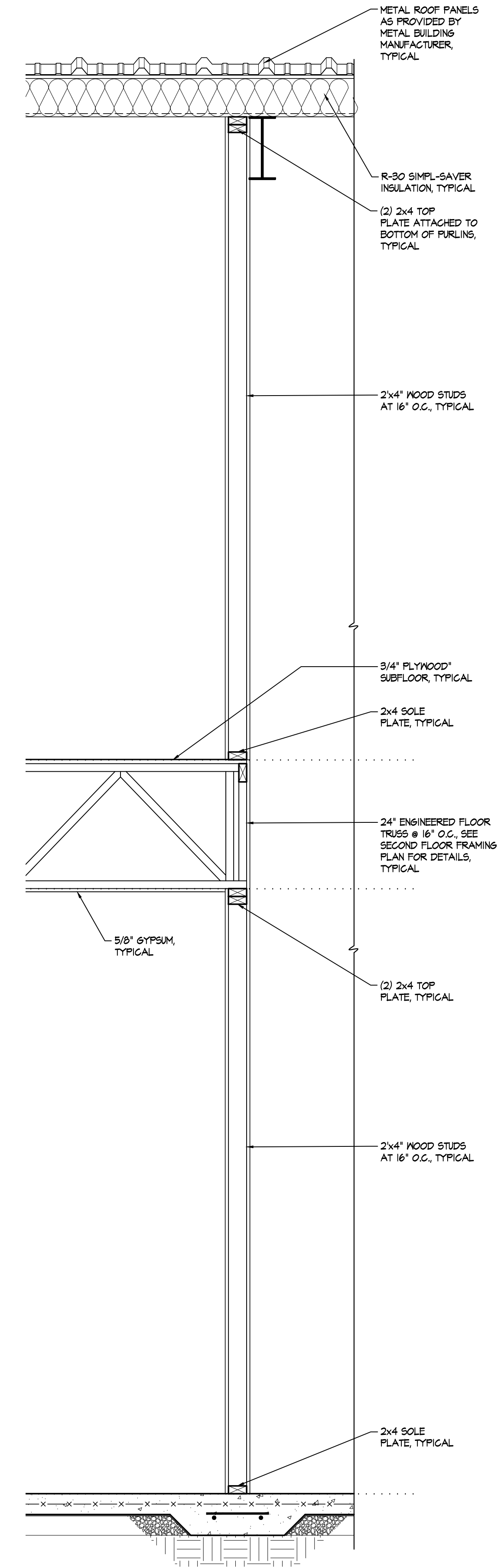
SCALE: 3/4" = 1'-0"



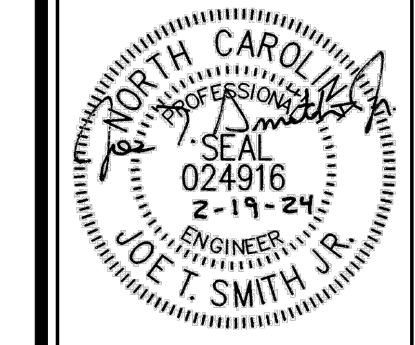
1
D-2

WALL SECTION

SCALE: 3/4" = 1'-0"



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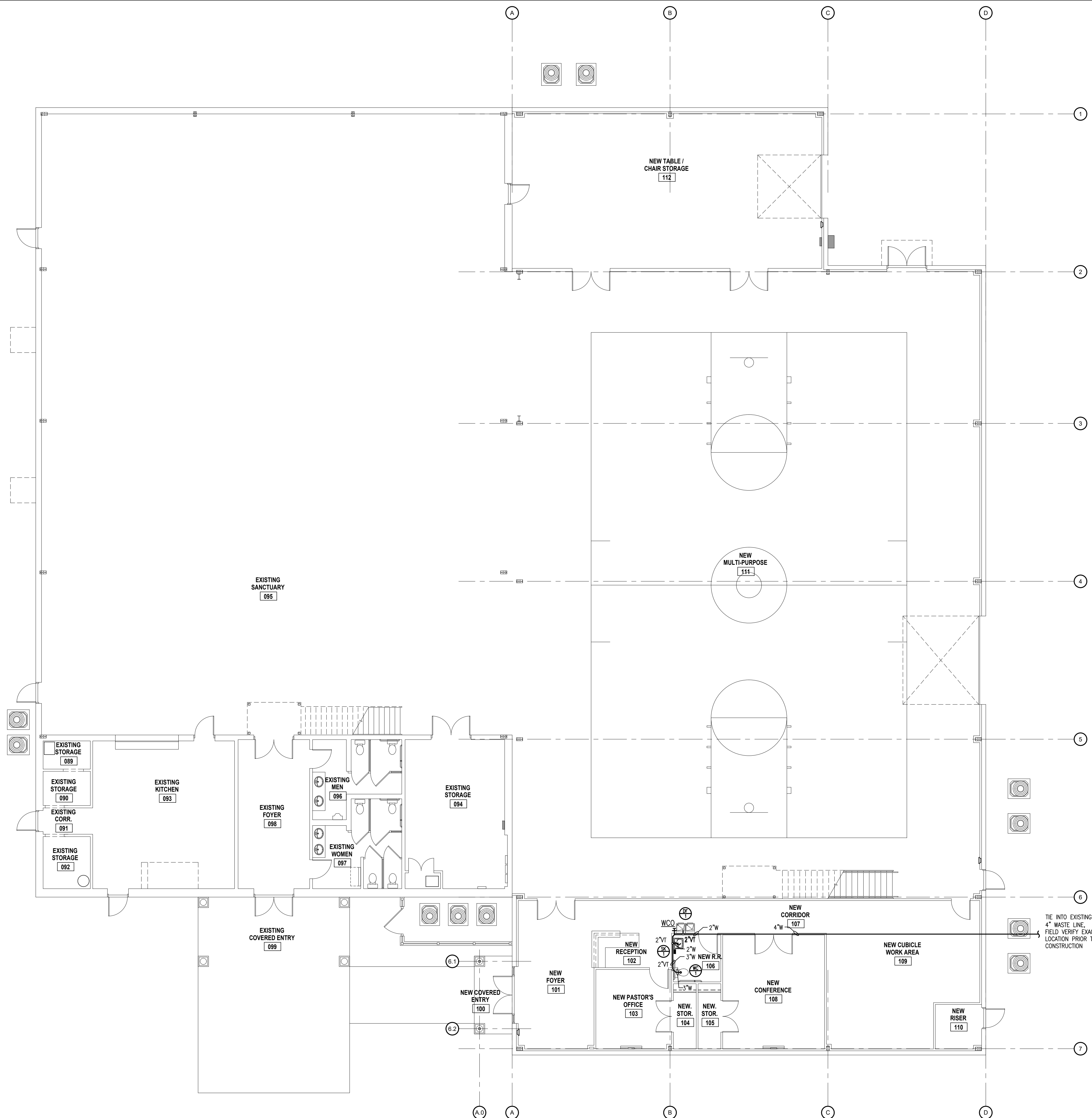


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D-2

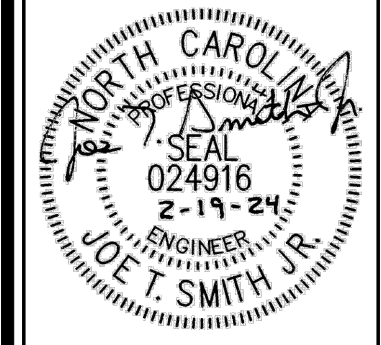


FIRST FLOOR WASTE PIPING PLAN

SCALE: 1/8" = 1'-0"

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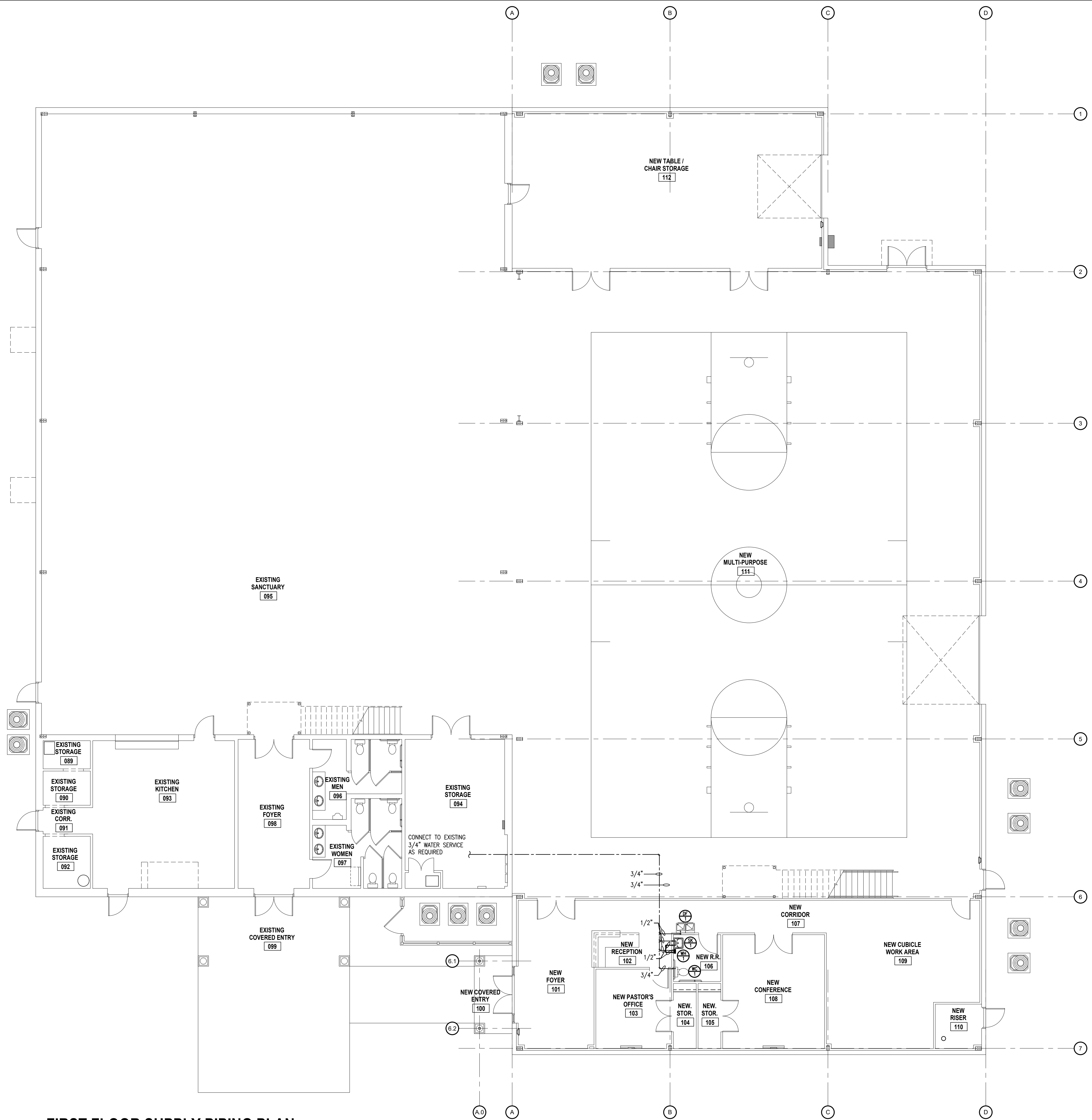


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 SCALE: 1/8" = 1'-0"

P-1

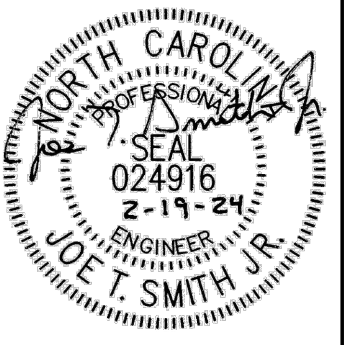


FIRST FLOOR SUPPLY PIPING PLAN

SCALE: 1/8" = 1'-0"

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Antioch Church of Erwin
 494 Antioch Church Road,
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 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

P-2

PLUMBING NOTES:

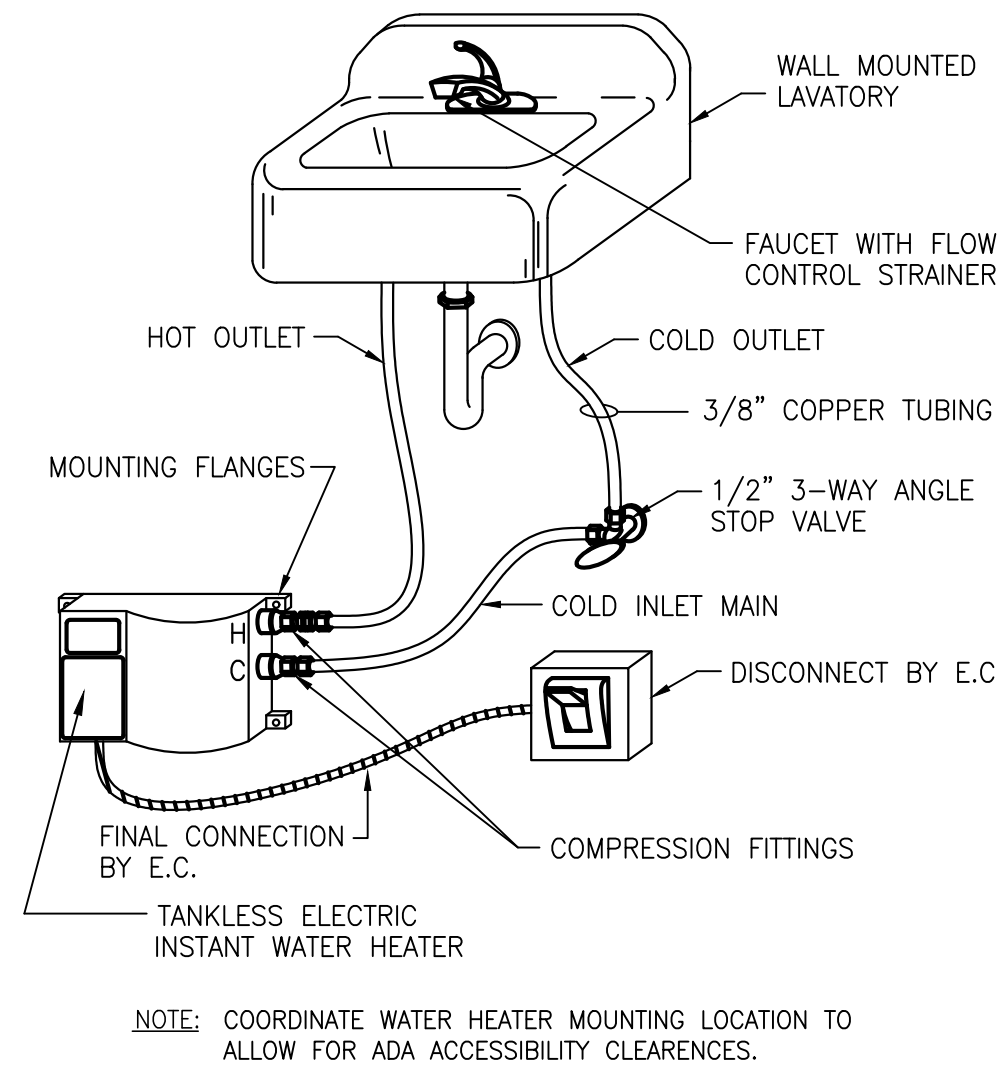
- PLUMBING PLANS ARE INTENDED TO PROVIDE INFORMATION FOR INSTALLATION OF A COMPLETE PLUMBING SYSTEM. PROVIDE ALL ESSENTIAL LABOR, MATERIALS & DEVICES REQUIRED TO PRODUCE A QUALITY END PRODUCT.
- CONTRACTOR SHALL REVIEW & BECOME FAMILIAR WITH THE WORK OF ALL TRADES FOR PURPOSES OF COORDINATION AND ROUTING. CONTRACTOR SHALL PROVIDE REQUIRED PLANNING, COORDINATION AND SEQUENCING OF PLUMBING INSTALLATION WITH BUILDING COMPONENTS AND OTHER TRADES.
- COORDINATE CONNECTION OF PLUMBING SYSTEMS WITH SITE UTILITIES AND SERVICES. P.C. SHALL EXTEND WATER SUPPLY LINE 5- FEET OUTSIDE OF BUILDING AND EXTEND BUILDING DRAIN 10- FEET OUTSIDE OF BUILDING & PROVIDE 2-WAY CLEANOUT.
- COORDINATE ROOF VENT LOCATIONS WITH OUTSIDE AIR INTAKES OF HVAC UNITS TO MAINTAIN A MINIMUM CLEARANCE OF 10 FEET.
- ALL WORK SHALL COMPLY WITH LOCAL, STATE & ADA CODES. WORKMANSHIP SHALL MEET OR EXCEED INDUSTRY STANDARDS.
- DRAIN, WASTE & VENT (DWV) PIPING SHALL BE ASTM D 1784, SOLID-WALL, SCHEDULE 40 PVC WITH SOCKET TYPE FITTINGS AND SOLVENT-WELDED JOINTS. FOAM CORE PIPING IS NOT ACCEPTABLE.
- ABOVE GRADE WATER PIPING SHALL BE ASTM F 877, CROSS-LINKED POLYETHYLENE (PEX) PLASTIC TUBING.
- WATER SERVICE PIPING SHALL BE ASTM D 1784, PRESSURE-RATED SCHEDULE 40 PVC WITH PVC FITTINGS AND SOLVENT-WELDED JOINTS.
- INDIVIDUAL SUPPLY AND DRAIN CONNECTIONS SIZES ARE NOT INDICATED ON PLANS FOR CLARITY. SIZE EACH TO SUIT RESPECTIVE FIXTURE.
- WATER PIPING INSTALLED IN UNCONDITIONED SPACE SHALL BE INSULATED WITH FOAM INSULATION WITH A MINIMUM R VALUE OF 6.5.
- DOMESTIC HOT WATER, HOT WATER RETURN & COLD WATER PIPING SHALL BE INSULATED WITH FIBERGLASS AND FOIL & PAPER JACKET AS FOLLOWS:
 RUNOUTS 3/4" OR LESS: 1/2" THICK
 PIPING 3/4" TO 2" 1" THICK
 PIPING 2 1/2" & LARGER: 1 1/2" THICK
 ALL HWR PIPING: 1" THICK
- WATER PIPING ON OUTSIDE WALLS AND IN CEILING SHALL BE LOCATED BETWEEN BUILDING INSULATION AND CONDITIONED SPACE.
- PROVIDE SHUTOFF VALVES AT EACH MAIN BRANCH LINE. VALVES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. PROVIDE CEILING ACCESS DOORS WHERE REQUIRED TO ACCESS SERVICABLE VALVES LOCATED ABOVE GYPBOARD CEILINGS.
- UNLESS NOTED OTHERWISE ALL VALVES SHALL BE FULL PORT BRONZE OR BRASS BALL VALVES WITH THREADED OR SWEAT CONNECTIONS AS APPLICABLE TO THE CONNECTING PIPING.
- PIPING PASSING THROUGH CONCRETE/MASONRY WALLS OR FLOORS SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY PROTECTIVE SHEATHING OR WRAPPING.
- INSTALL SCHEDULE 40 PIPE SLEEVE TWO SIZES LARGER AT PENETRATIONS THROUGH FOUNDATION WALLS. SEAL SLEEVE TIGHT TO FOUNDATION WALL.
- PROVIDE INSULATION EQUAL TO MCGUIRE PROWRAP ON P-TRAP ASSEMBLIES AND HOT & COLD WATER PIPING FOR LAVATORIES WITH EXPOSED PIPING.
- VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED.
- INSTALL PLUMBING FIXTURES AND EQUIPMENT LEVEL & PLUMB. ROUTE PIPING PARALLEL & PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS.
- INSTALL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE & REPAIR IN ACCORDANCE WITH MFG'S WRITTEN INSTALLATION INSTRUCTIONS AS WELL AS SPECIFIC INSTRUCTIONS ON PLANS.
- DWV AND WATER DISTRIBUTION PIPING SHALL BE TESTED IN ACCORDANCE WITH NC PLUMBING CODE SECTION 312.

PLUMBING FIXTURE SCHEDULE					
FIX NO	DESCRIPTION	CW	HW	WASTE	REFERENCE MODEL NO.
WC-1	WATER CLOSET FLUSH TANK (SEE NOTE) ADA	1/2"	-	3"	AMERICAN STANDARD CADET III 17"H EL 1.6 SEAT: CHURCH MODEL 9500CT (OPEN FRONT) COLOR: WHITE
SK-1	LAVATORY WALL HUNG ADA & NON-ADA	1/2"	1/2"	1 1/4"	AMERICAN STANDARD 0355.012 LUCERNE FAUCET: DELTA MODEL 5D1WFGMHDF STRAINER: MCGUIRE MODEL 155A COLOR: WHITE
DF-1	DRINKING FOUNTAIN SPLIT LEVEL ADA & NON-ADA	1/2"	-	1 1/4"	OASIS PBAMSL 400W 120V/1Ø 5.0 FLA

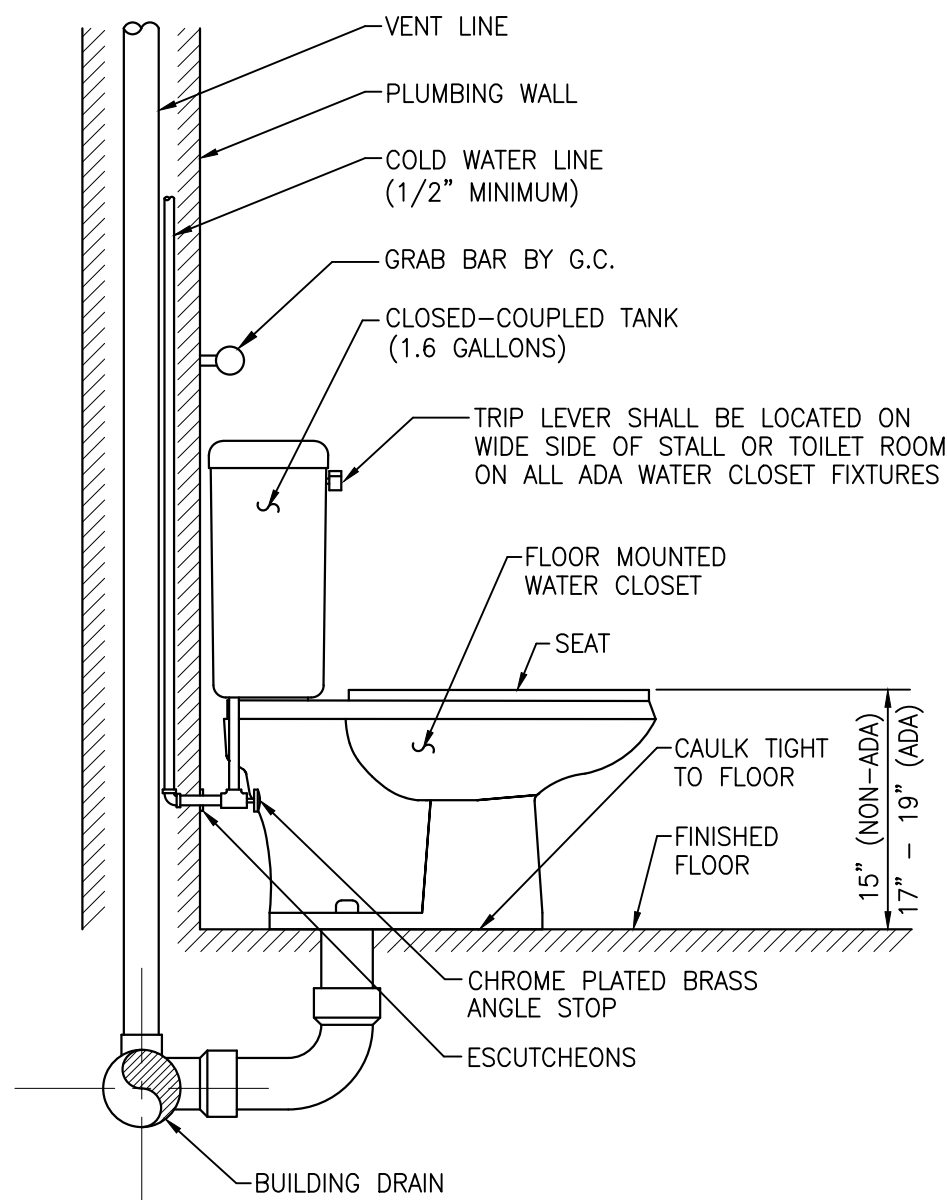
NOTE:
P.C. SHALL COORDINATE ADA WATER CLOSET TRIP LEVER TO BE LOCATED ON WIDE SIDE OF STALL OR TOILET ROOM.

ELECTRIC WATER HEATER SCHEDULE											
MARK	SIZE	GPM	TEMP. RISE	KW	VOLT/PH	FLA	CW CONN.	HW CONN.	MANF.	MODEL	WEIGHT
WH-1	-	0.25	82 DEG. F	2.4	120/1Ø	-	3/8"	3/8"	EEMAX	SPEX2412	2.75

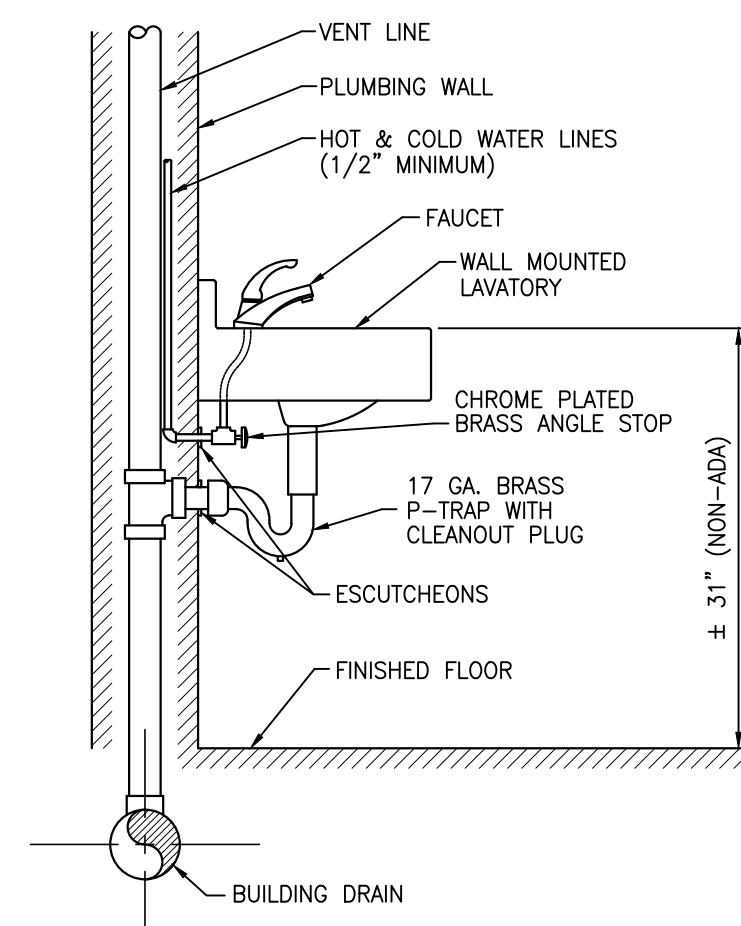
PLUMBING LEGEND		
SYMBOL	ABBR	DESCRIPTION
----	CW	COLD WATER LINE
----	HW	HOT WATER LINE
----	HWR	HOT WATER RETURN LINE
----	W	SOIL OR WASTE LINE
----	VT	VENT LINE
⊕	AAV	AIR ADMITTANCE VALVE
⊕	VTR	VENT THRU ROOF
⊕	WCO	WALL CLEANOUT
⊕	FCO	FLOOR CLEANOUT
⊕	COG	CLEANOUT ON GRADE
⊕	FD	ROUND FLOOR DRAIN
⊕	HD	HUB DRAIN
⊕	FS	FLOOR SINK
⊕	HB	HOSE BIBB/HYDRANT
⊕	FHB	FROSTPROOF HOSE BIBB/HYDRANT
⊕	G	GAS PIPING
⊕	C	CONDENSATE PIPING
⊕	-	CHECK VALVE
⊕	-	SHUTOFF VALVE
⊕	-	GAS COCK
⊕	BFP	BACKFLOW PREVENTER
⊕	-	UNION
⊕	SP	SUMP PUMP
⊕	-	CONCENTRIC REDUCER
⊕	-	FLOW DIRECTION ARROW
⊕	-	FIXTURE MARK (SEE SCHEDULE)
⊕	-	NEW/EXISTING CONNECTION
G.C.	GENERAL CONTRACTOR	
P.C.	PLUMBING CONTRACTOR	
M.C.	MECHANICAL CONTRACTOR	
E.C.	ELECTRICAL CONTRACTOR	
AF	ABOVE FINISHED FLOOR	
AFG	ABOVE FINISHED GRADE	
BFG	BELOW FINISHED GRADE	



DETAIL NO. 1
TANKLESS ELECTRIC WATER HEATER CONNECTION
SCALE: NTS

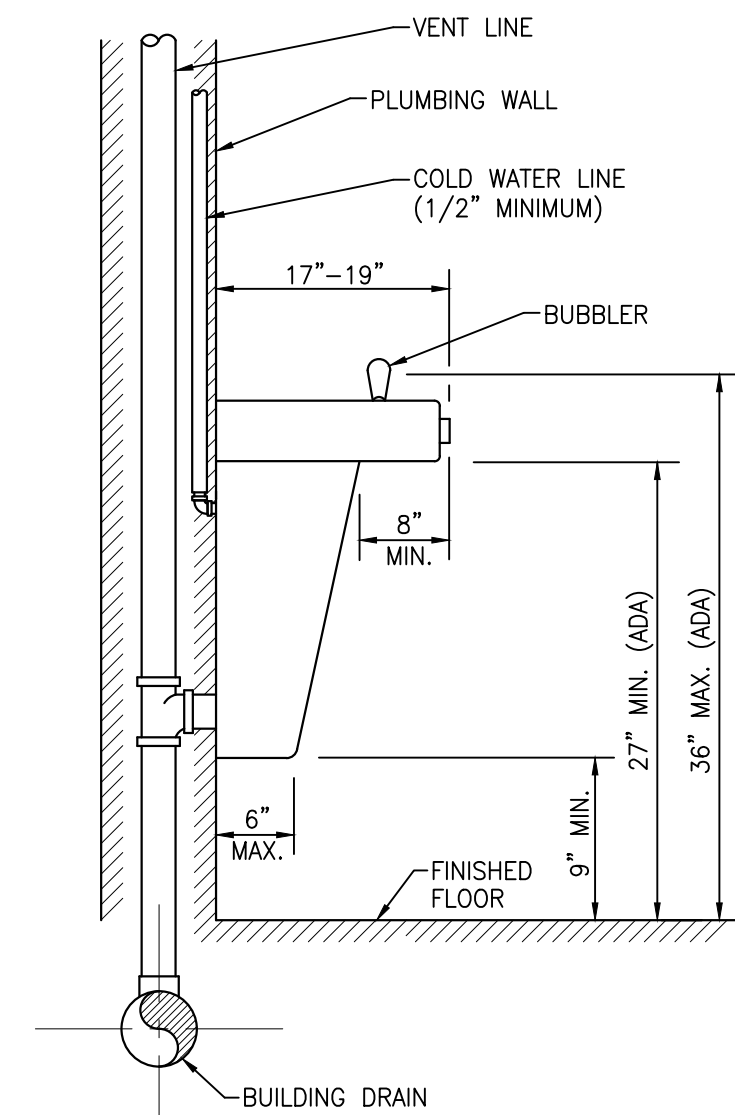


DETAIL NO. 2
FLOOR MOUNTED WATER CLOSET WITH FLUSH TANK
SCALE: NTS



NOTES:
1. PROVIDE ADA LAVATORIES WITH PRE-WRAPPED ANTI-MICROBIAL MOLDED CLOSED CELL VINYL ON EXPOSED HOT & COLD WATER AND DRAIN LINES.
2. WATER SUPPLY INLETS AND RISERS SHALL BE BRASS OR COPPER (CHROME PLATED WHERE EXPOSED TO VIEW).

DETAIL NO. 3
WALL MOUNTED LAVATORY
SCALE: NTS

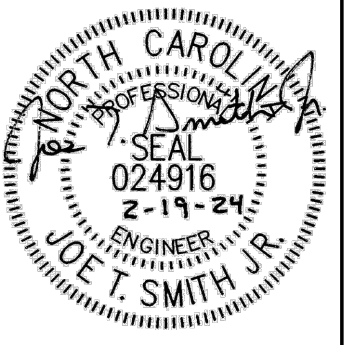


NOTE: PROVIDE APRON ACCESSORY ON UPPER SPLIT LEVEL UNITS WHEN INSTALLED IN NON-RECESSED APPLICATIONS.

DETAIL NO. 4
WALL MOUNTED DRINKING FOUNTAIN
SCALE: NTS

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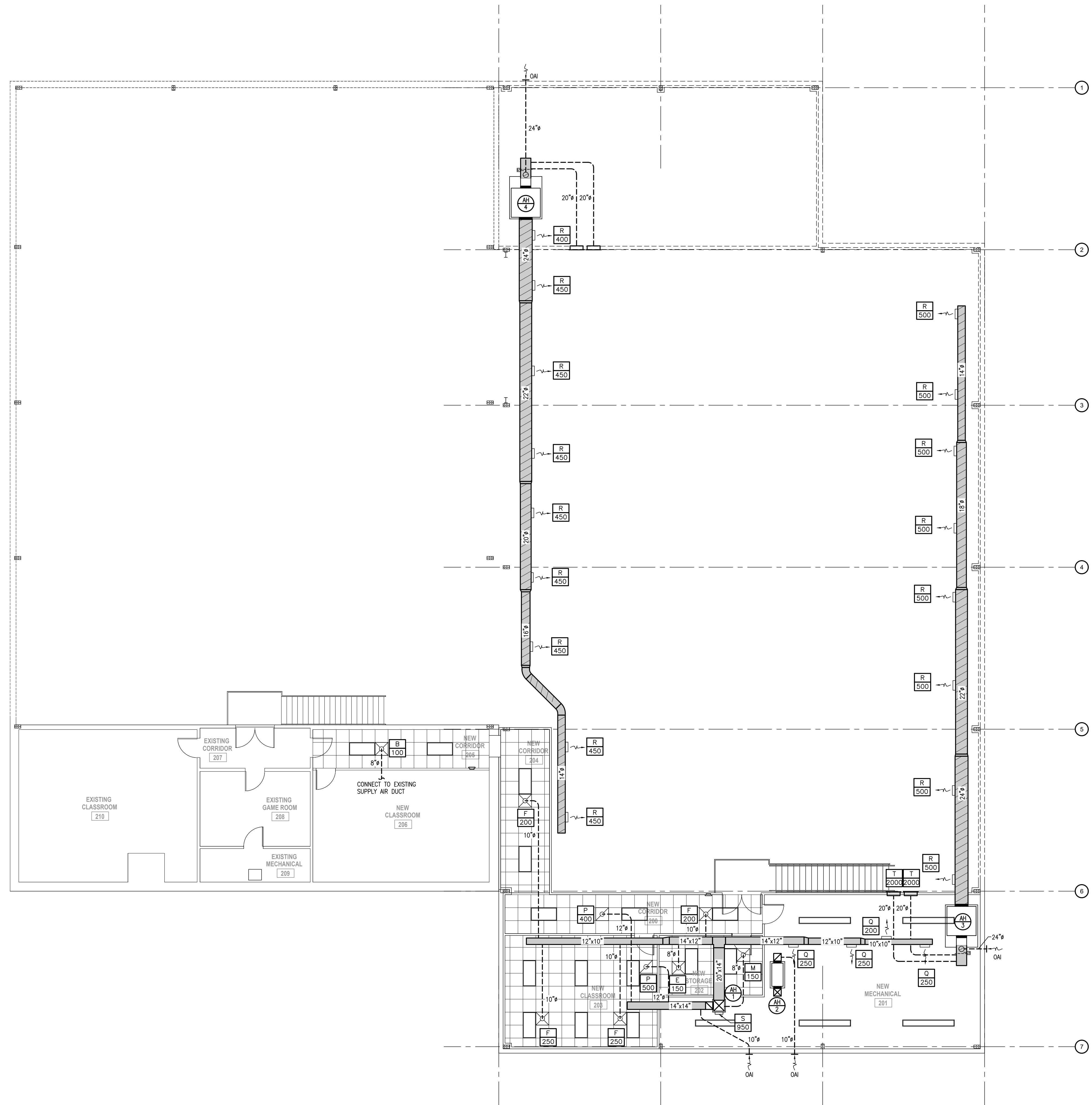
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494 Antioch Church Road,
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DATE: 19 February 2024
DRAWN BY: T.B. & L.W.
SCALE: AS NOTED

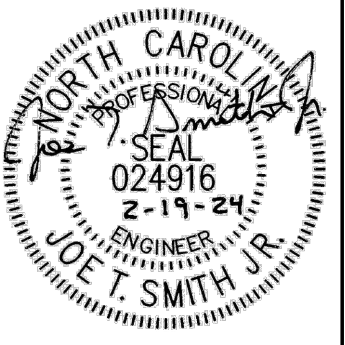


SECOND FLOOR MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

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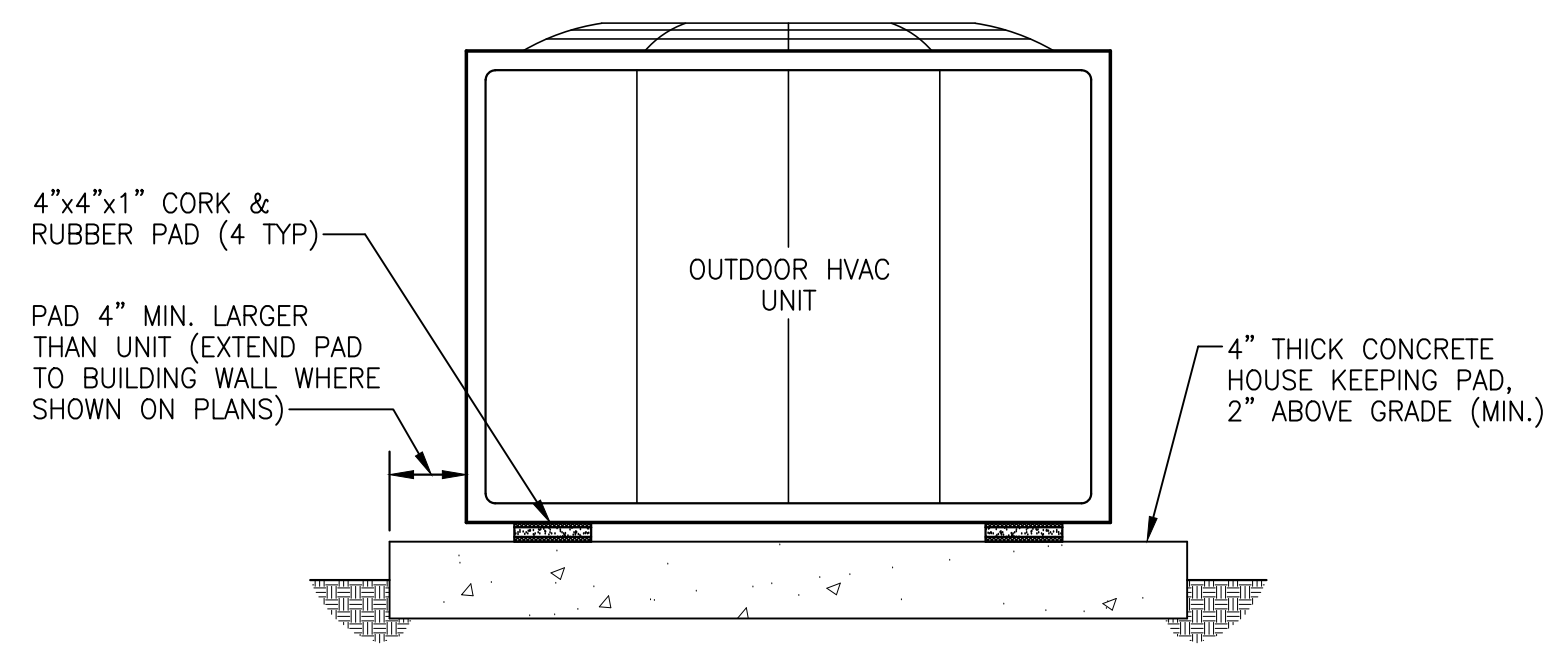


REV.	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28334

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

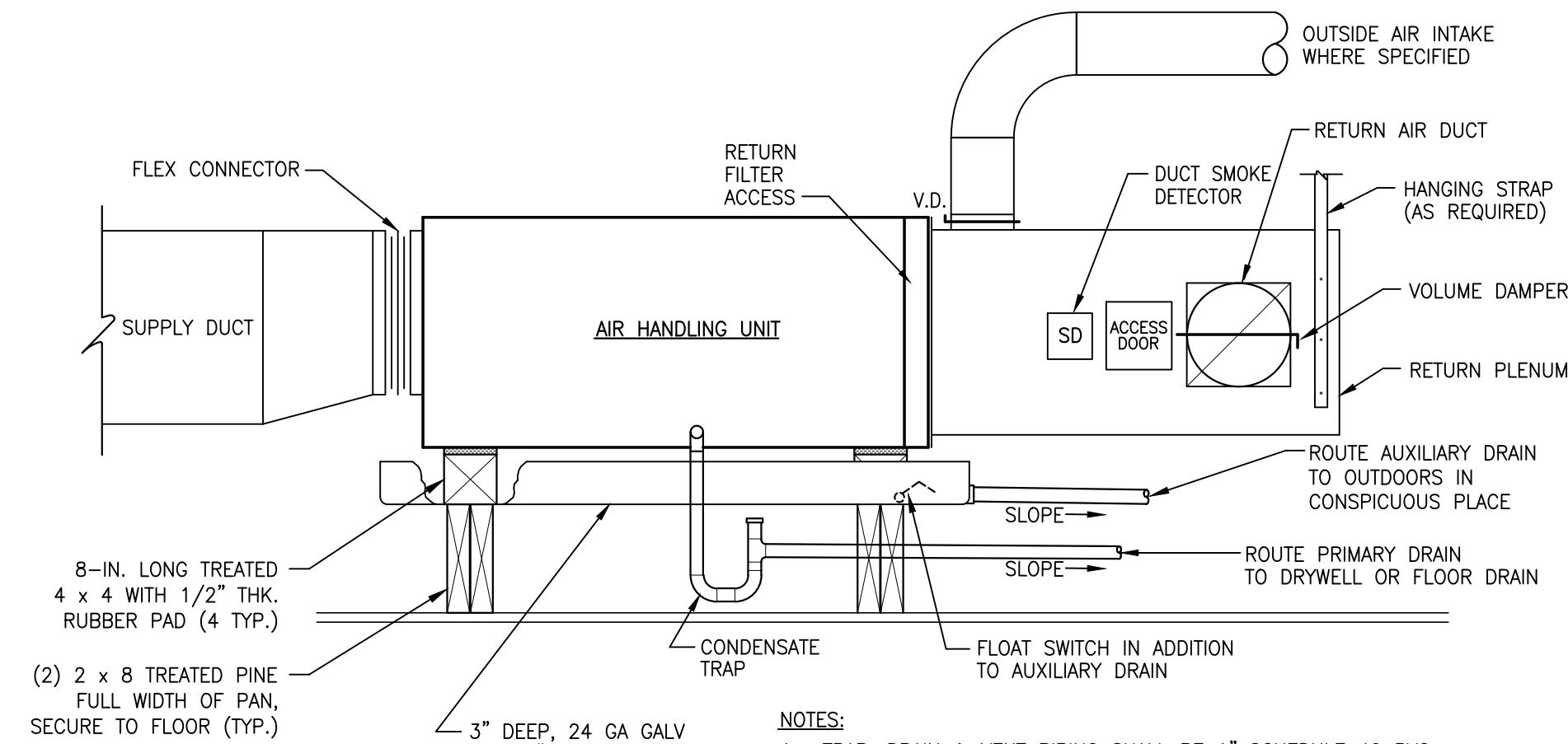
M-2



NOTE: MAINTAIN EQUIPMENT MFG'S. RECOMMENDED CLEARANCES AND A MINIMUM OF 6" BEYOND SPLASH LINE OF ROOF OVERHANG.

DETAIL NO. 1

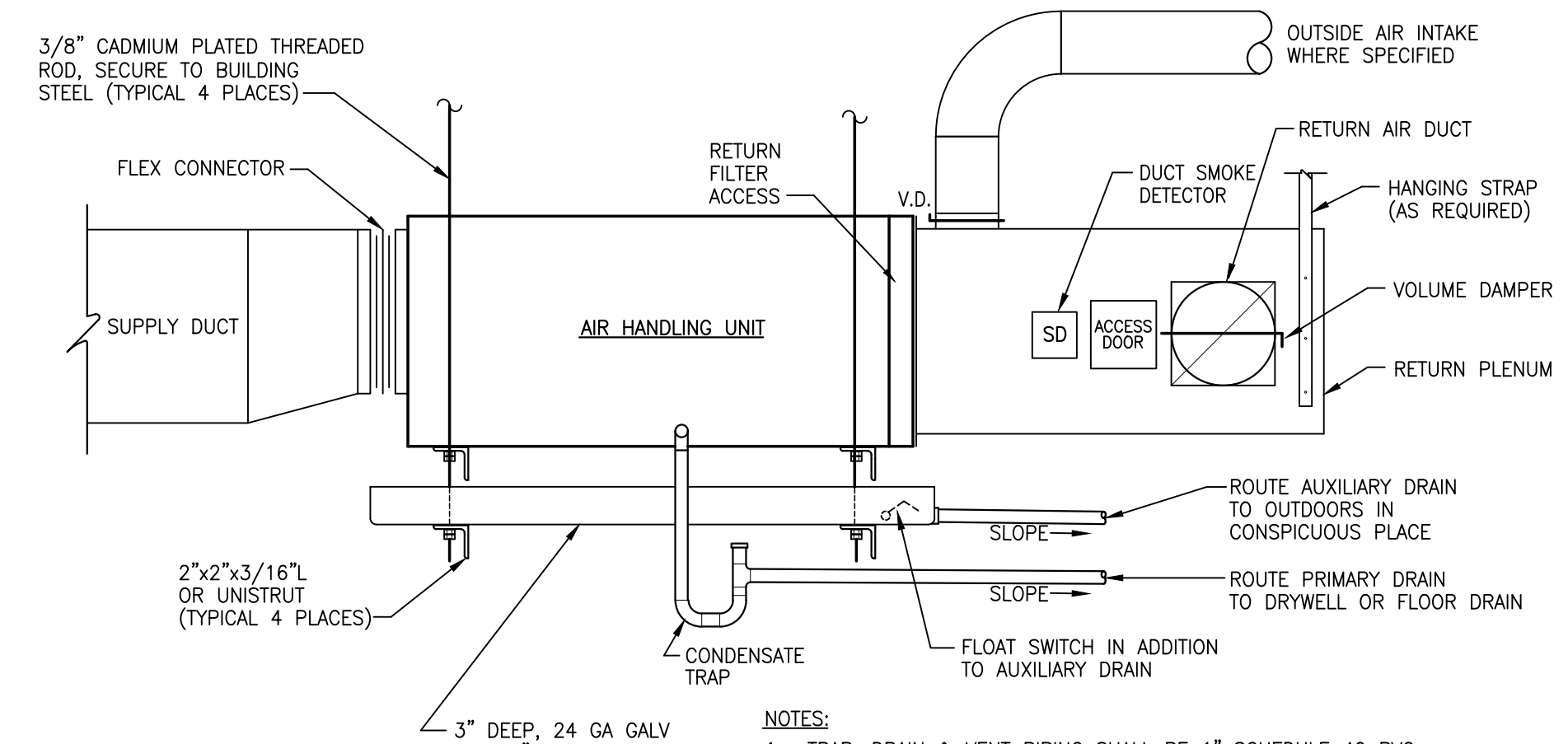
OUTDOOR HVAC UNIT INSTALLATION
SCALE: NTS



NOTES:
1. TRAP, DRAIN & VENT PIPING SHALL BE 1" SCHEDULE 40 PVC UNLESS NOTED OTHERWISE ON PLANS.
2. TRAP & PRIMARY DRAIN PIPING SHALL BE INSULATED WITH 1/2" UNICELLULAR INSULATION.

DETAIL NO. 2

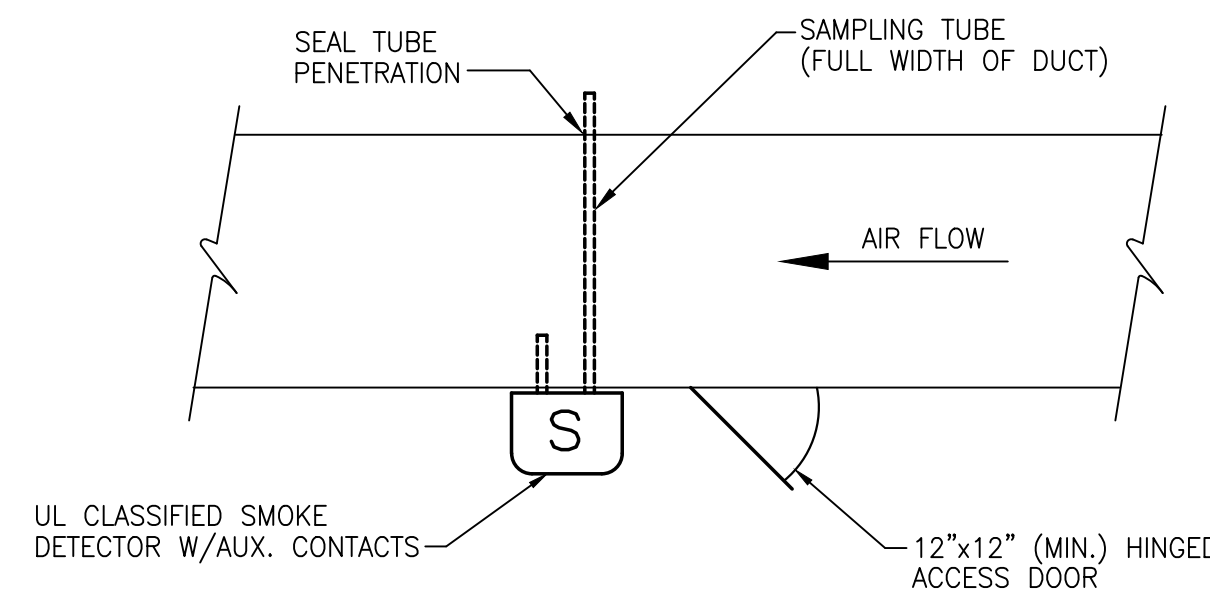
ATTIC MOUNTED AIR HANDLING UNIT
SCALE: NTS



NOTES:
1. TRAP, DRAIN & VENT PIPING SHALL BE 1" SCHEDULE 40 PVC UNLESS NOTED OTHERWISE ON PLANS.
2. TRAP & PRIMARY DRAIN PIPING SHALL BE INSULATED WITH 1/2" UNICELLULAR INSULATION.

DETAIL NO. 3

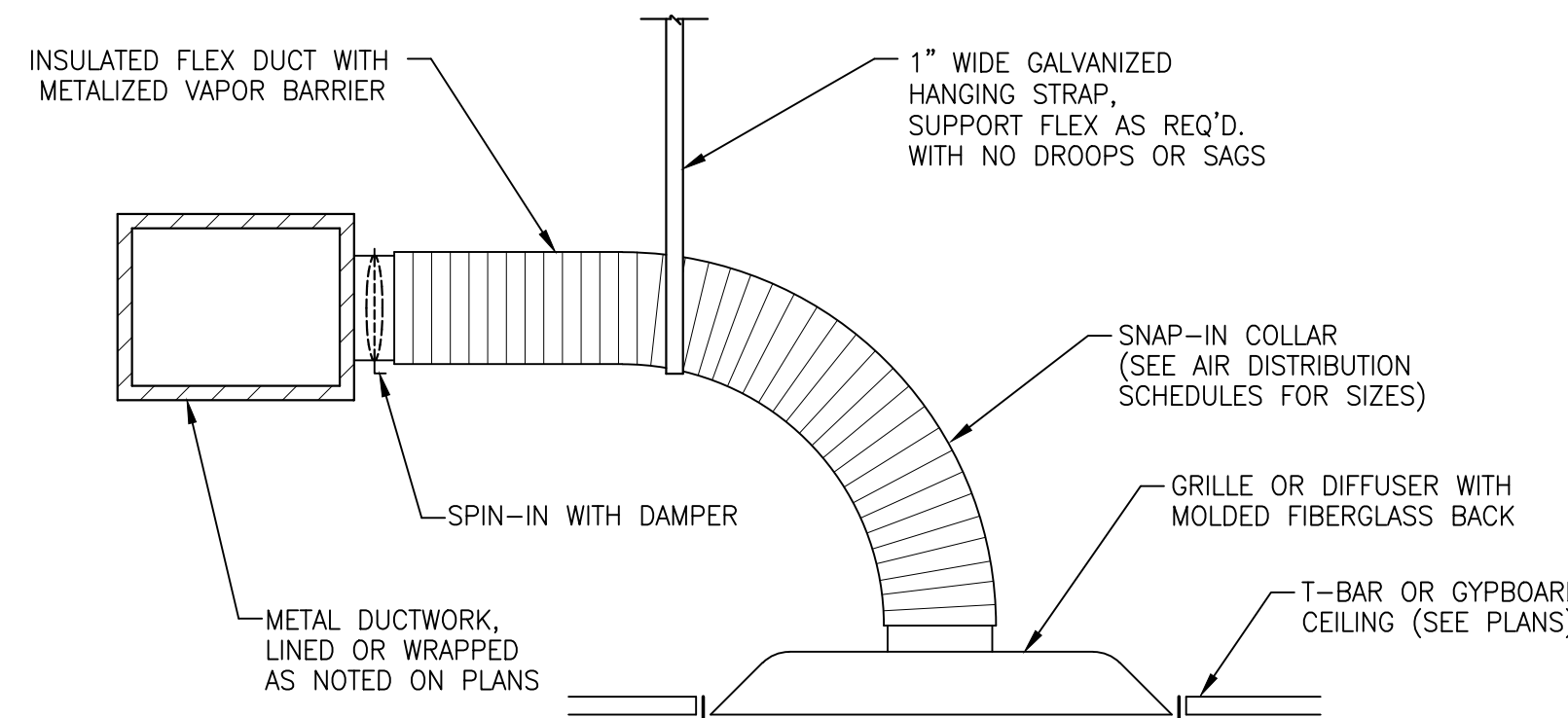
ABOVE CEILING AIR HANDLING UNIT
SCALE: NTS



NOTES:
1. EXTEND SAMPLING TUBE SUCH THAT IT PENETRATES FAR SIDE OF THE DUCT. USE INTERMEDIATE SUPPORT IF DUCT EXCEEDS 36". PENETRATION SHALL BE SEALED AIRTIGHT.
2. LOCATE SMOKE DETECTOR IN RETURN DUCT UPSTREAM OF OUTSIDE AIR INTAKE IN NON-TURBULANT AIRSTREAM. INSTALL PER MFG'S. DETAILED INSTALLATION INSTRUCTIONS.
3. SAMPLING TUBE SHALL BE LEVEL OR SLOPING DOWN AWAY FROM DETECTOR.
4. PROVIDE WITH REMOTE ALARM HORN, ALARM LED, TROUBLE LED, AND TEST/RESET SWITCH. LOCATE 84" AFF OVER SYSTEM THERMOSTAT OR WHERE SHOWN ON PLANS. LABEL "AIR DUCT DETECTOR REMOTE STATION". INSTALLATION SHALL BE IN ACCORDANCE WITH N.C. MECHANICAL CODE SECTION 606.4.1 AND NFPA 90A.

DETAIL NO. 4

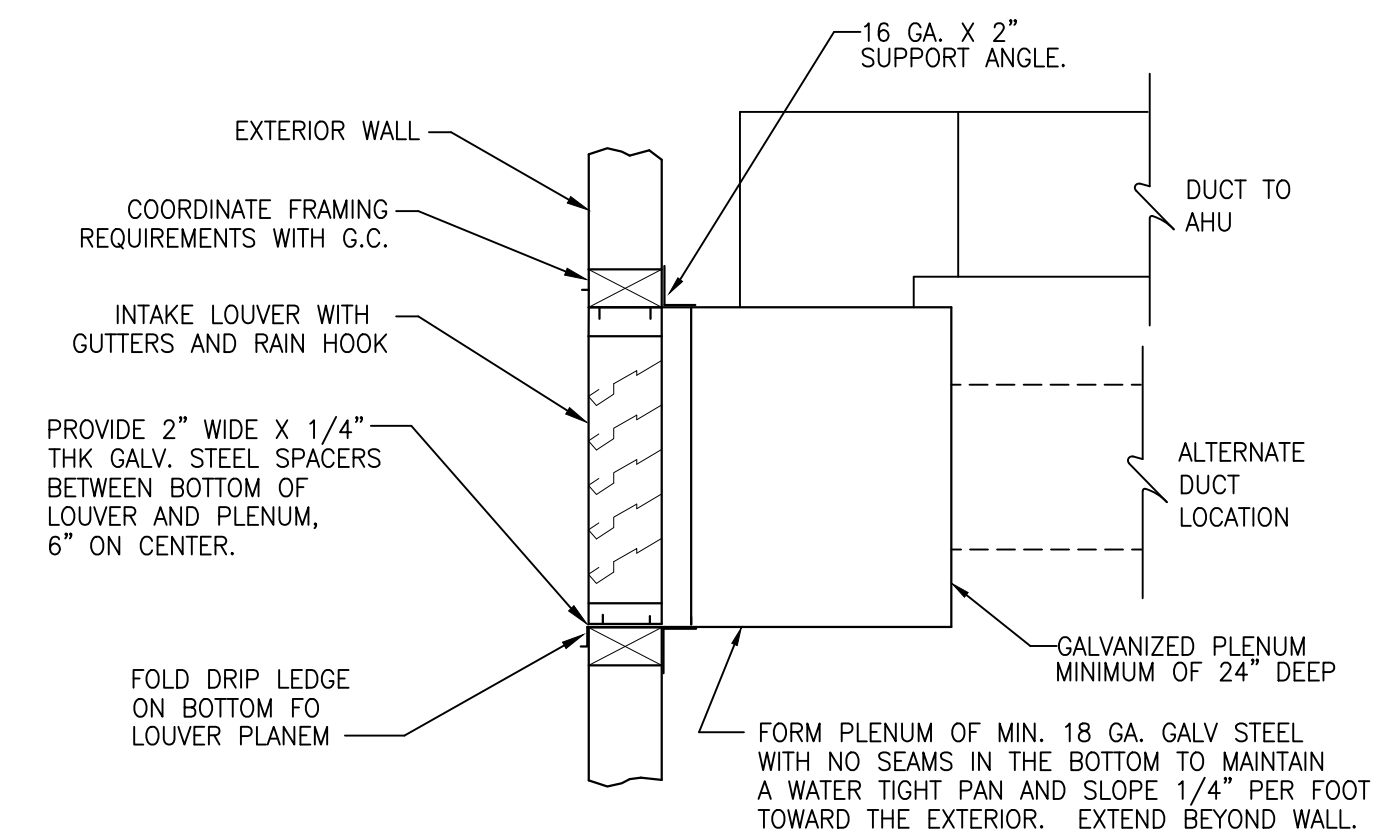
DUCT SMOKE DETECTOR NOT CONNECTED TO FIRE ALARM PANEL
SCALE: NTS



NOTES:
1. SECURE ENDS OF FLEX WITH NYLON BANDS AND 3" WIDE METALIZED DUCT TAPE.
2. INSULATE & SEAL ALL GRILLE & DIFFUSER NECKS TO MAINTAIN VAPOR BARRIER AND ELIMINATE CONDENSATE.

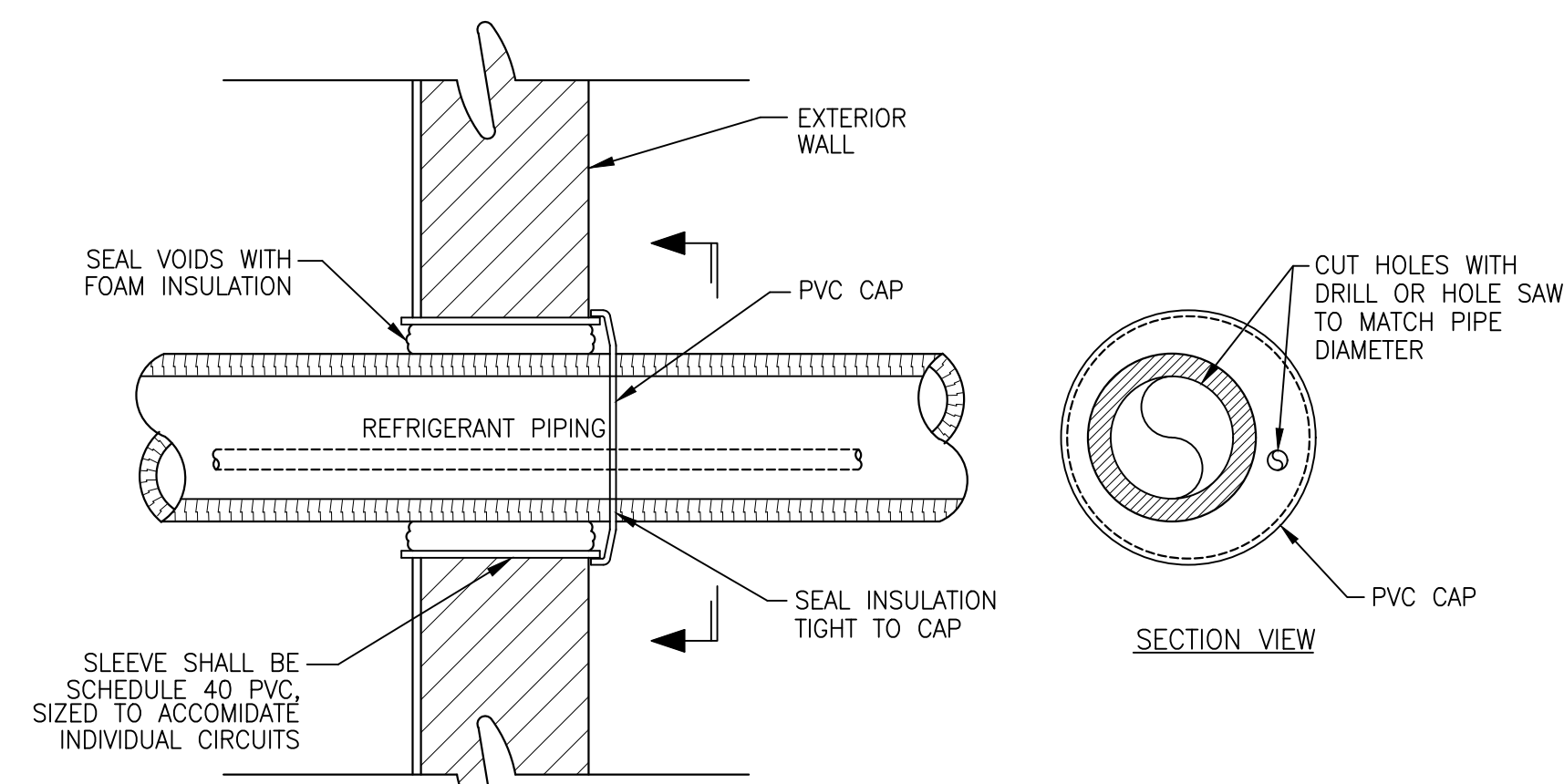
DETAIL NO. 5

AIR DISTRIBUTION INSTALLATION
SCALE: NTS



DETAIL NO. 6

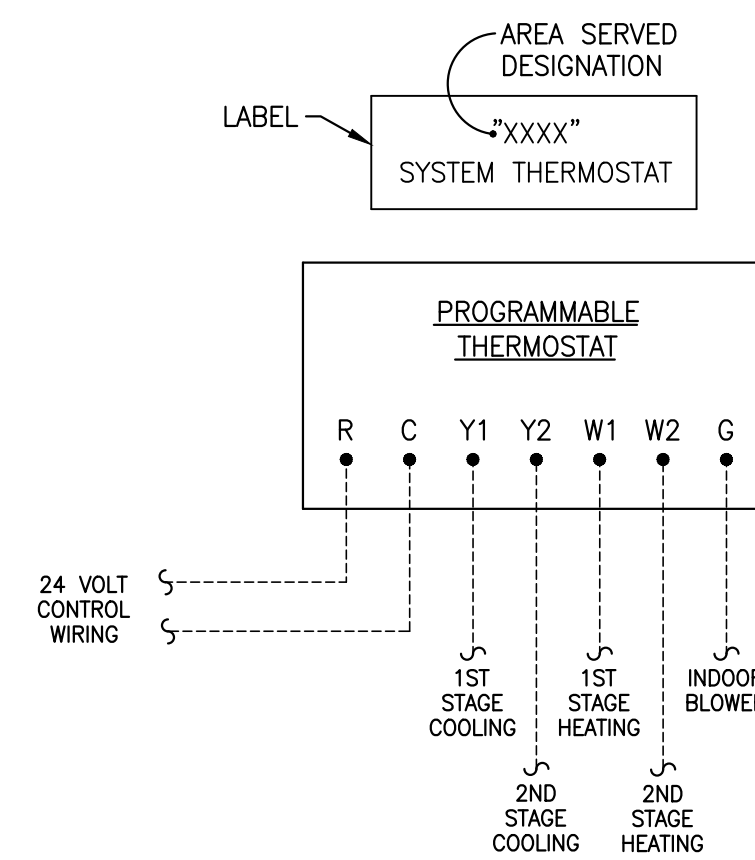
MAKE-UP AIR LOUVER INSTALLATION
SCALE: NTS



NOTE: SEAL ALL OPENINGS WITH CLEAR SILICON CAULKING WITH UV PROTECTION.

DETAIL NO. 7

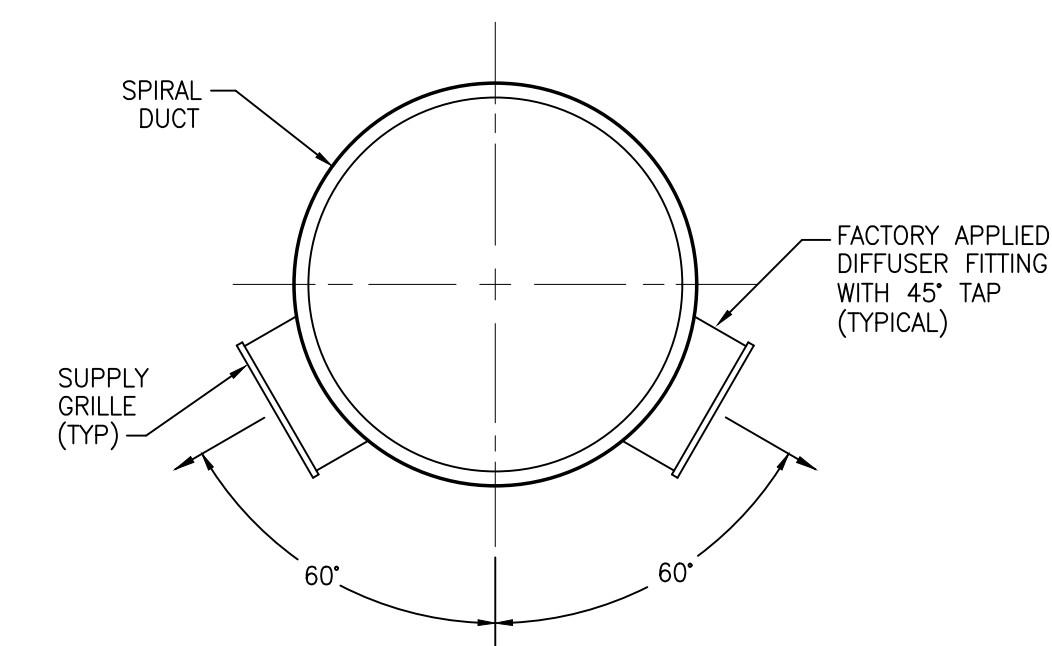
REFRIGERANT PIPE PENETRATION - EXTERIOR WALL
SCALE: NTS



NOTE: LABEL T-STAT WITH PHENOLIC ENGRAVING STOCK WITH WHITE SURFACE AND RED 1/4" HIGH LETTERING.

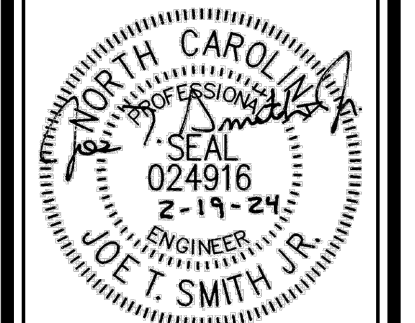
DETAIL NO. 8

THERMOSTAT INSTALLATION
SCALE: NTS



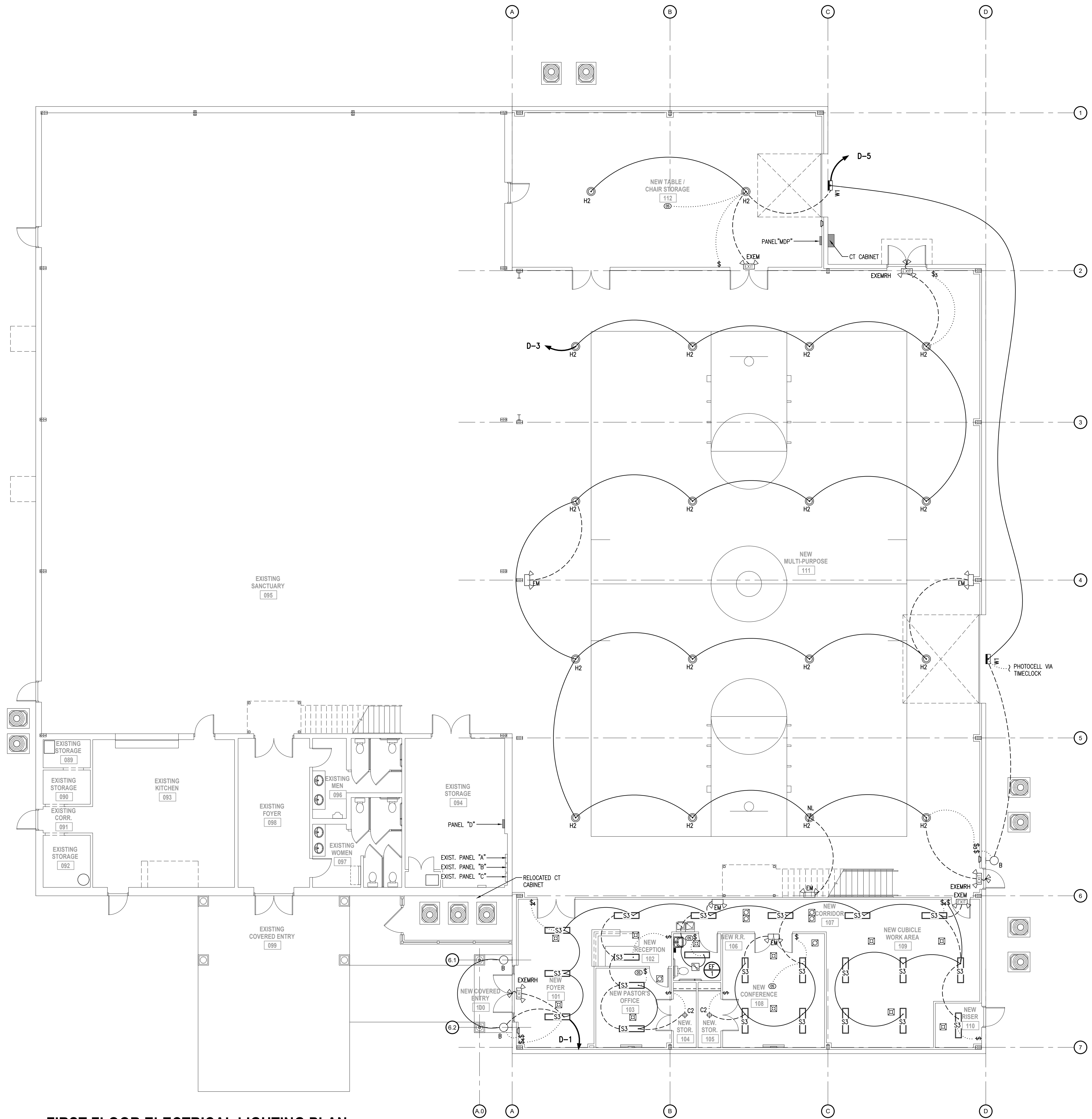
DETAIL NO. 9

GRILLE ARRANGEMENT IN SPIRAL DUCT
SCALE: NTS



REV#	DATE	DESCRIPTION

New Alteration and Addition for:
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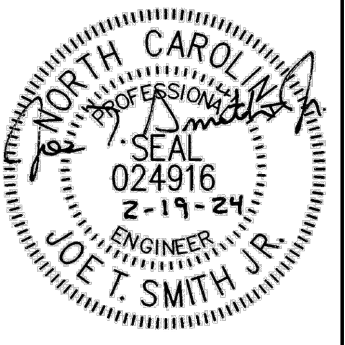


FIRST FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

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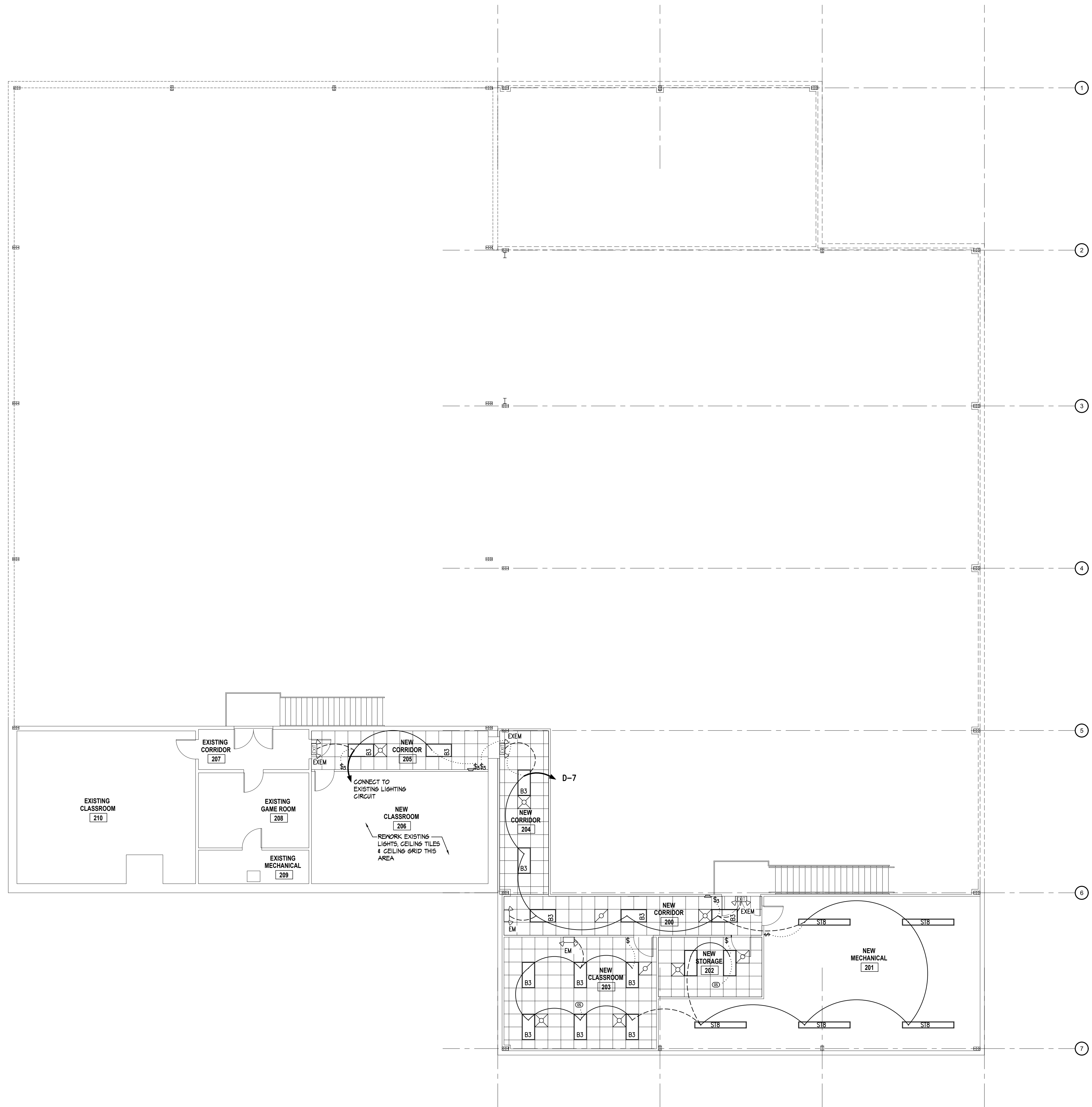
SMITH ENGINEERING AND DESIGN, P.A.
 1103 Granite Pl., Suite A
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 Corporation License No. C-2241
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 Fax: 919.736.2142



REV.	DATE	REVISIONS	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28334

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

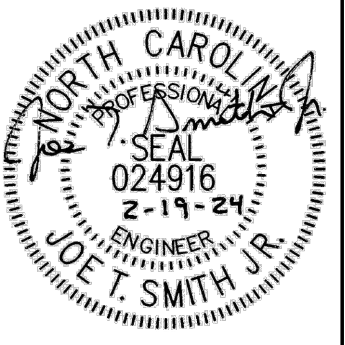


SECOND FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

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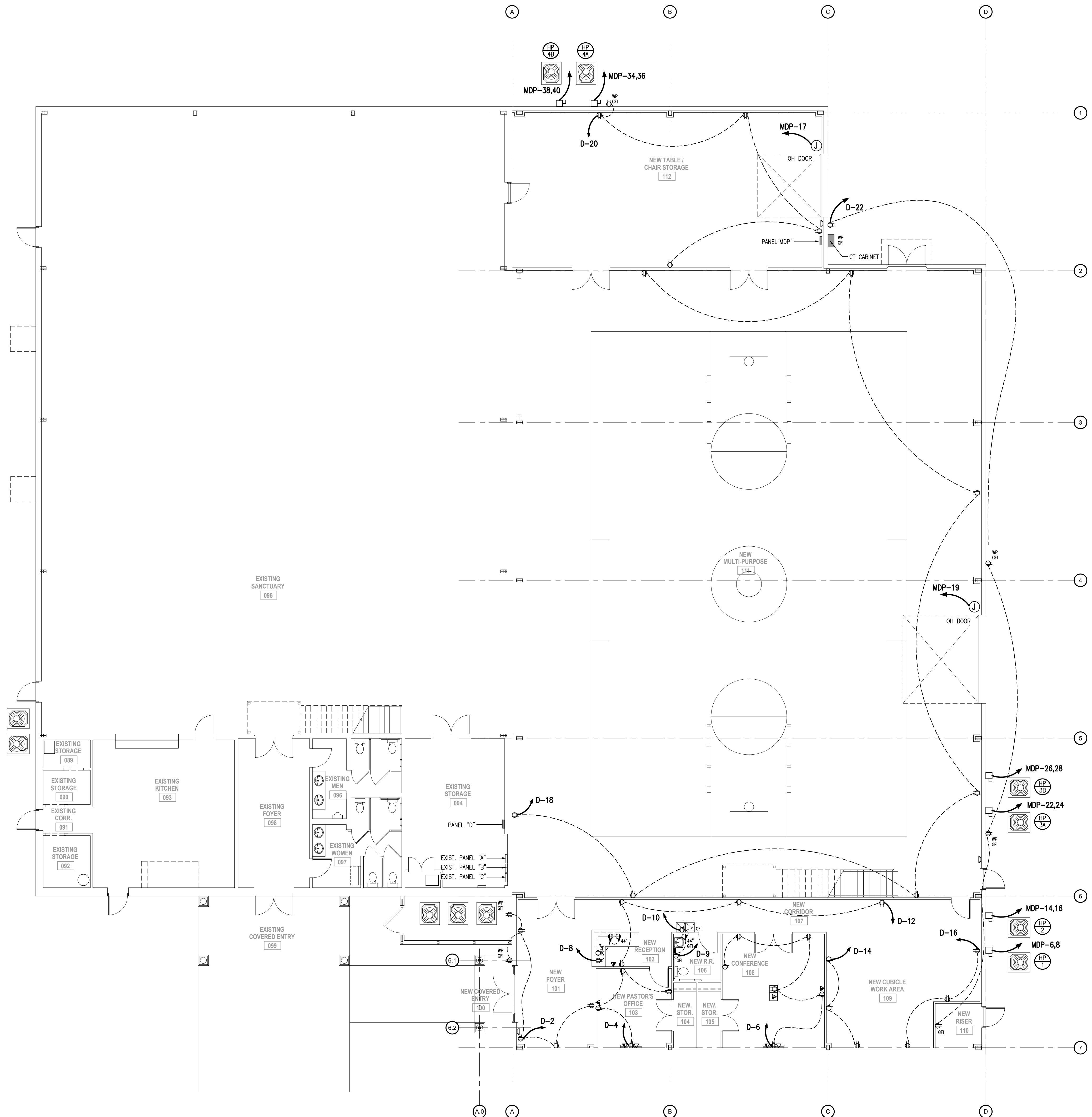
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Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28334

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

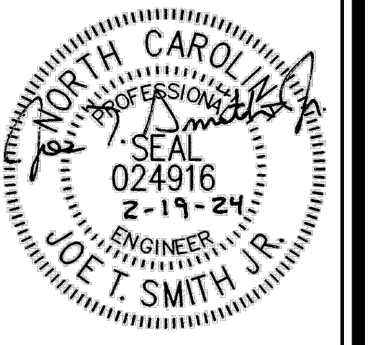


FIRST FLOOR ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"

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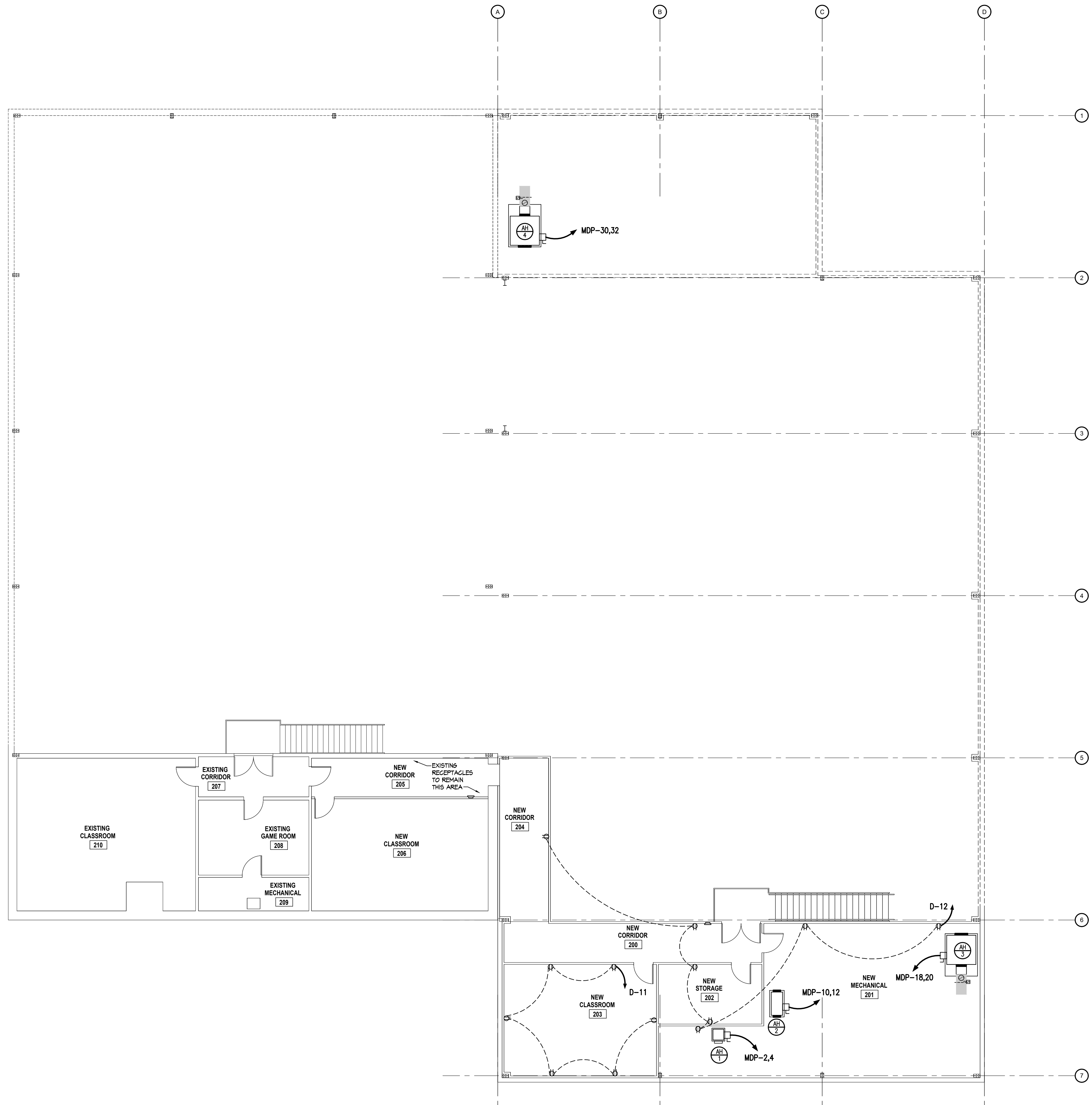
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REV.	DATE	DESCRIPTION

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DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

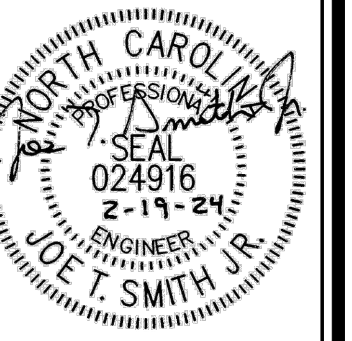


SECOND FLOOR ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"

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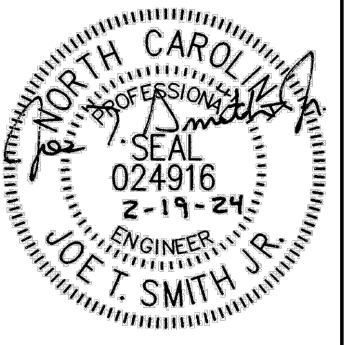


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New Alteration and Addition for:
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DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

E-4

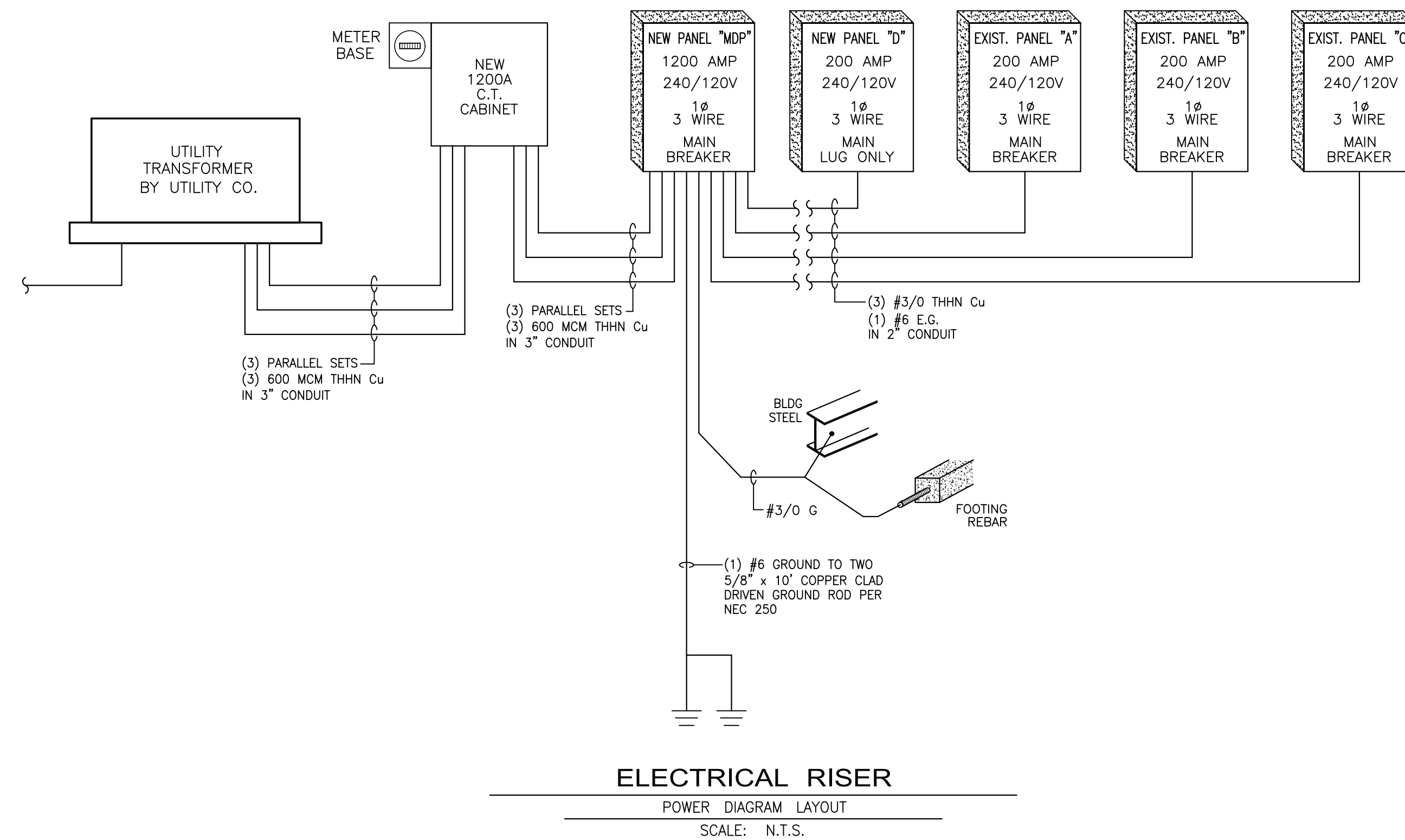


PANELBOARD SCHEDULE						
PANEL "MDP"	SURFACE MOUNTED	SERVICE ENTRANCE RATED		1200 AMP	1ø, 3 WIRE	
MAIN BREAKER	BOTTOM FEED	22kw AIC		240/120 VOLT		
NEMA 1	COPPER BUS					
LOAD SERVED	WIRE SIZE	CKT NO.	PHASE	CKT NO.	WIRE SIZE	LOAD SERVED
EXISTING PANEL "A"	3/0	1	200	2	#6	AH-1
EXISTING PANEL "B"	3/0	3	200	4	#6	HP-1
EXISTING PANEL "C"	3/0	5	200	6	#6	AH-2
PANEL "D"	3/0	7	200	8	#6	HP-2
OVERHEAD DOOR	12	9	20	10	#2	AH-3
OVERHEAD DOOR	12	11	20	12	#2	AH-3
---	---	13	20	14	#6	HP-3A
---	---	15	20	16	#6	HP-3B
---	---	17	20	18	#6	HP-3B
---	---	19	20	20	#2	AH-4
---	---	21	20	22	#6	HP-4A
---	---	23	20	24	#6	HP-4A
---	---	25	20	26	#6	HP-4A
---	---	27	20	28	#6	HP-4A
---	---	29	20	30	#2	AH-4
---	---	31	20	32	#6	HP-4A
---	---	33	20	34	#6	HP-4A
---	---	35	20	36	#6	HP-4A
---	---	37	20	38	#6	HP-4B
---	---	39	20	40	#6	HP-4B
---	---	41	20	42	---	---

NOTE: VERIFY BREAKER AND CONDUCTOR SIZES WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION

PANELBOARD SCHEDULE						
PANEL "D"	SURFACE MOUNTED	SERVICE ENTRANCE RATED		200 AMP	1ø, 3 WIRE	
MAIN LUG ONLY	BOTTOM FEED	22kw AIC		120/240 VOLT		
NEMA 1	COPPER BUS					
LOAD SERVED	WIRE SIZE	CKT NO.	PHASE	CKT NO.	WIRE SIZE	LOAD SERVED
LIGHTS	#12	1	20	2	#12	RECEPTACLES
LIGHTS	#12	3	20	4	#12	RECEPTACLES
LIGHTS	#12	5	20	6	#12	RECEPTACLES
LIGHTS	#12	7	20	8	#12	RECEPTACLES
WATER HEATER	#12	9	20	10	#12	RECEPTACLES
RECEPTACLES	#12	11	20	12	#12	RECEPTACLES
RECEPTACLES	#12	13	20	14	#12	RECEPTACLES
FACP PANEL	#12	15	20	16	#12	RECEPTACLES
		17	20	18	#12	RECEPTACLES
		19	20	20	#12	RECEPTACLES
		21	20	22	#12	RECEPTACLES
		23	20	24		
		25	20	26		
		27	20	28		
		29	20	30		
		31	20	32		
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		35	20	36		
		37	20	38		
		39	20	40		
		41	20	42		

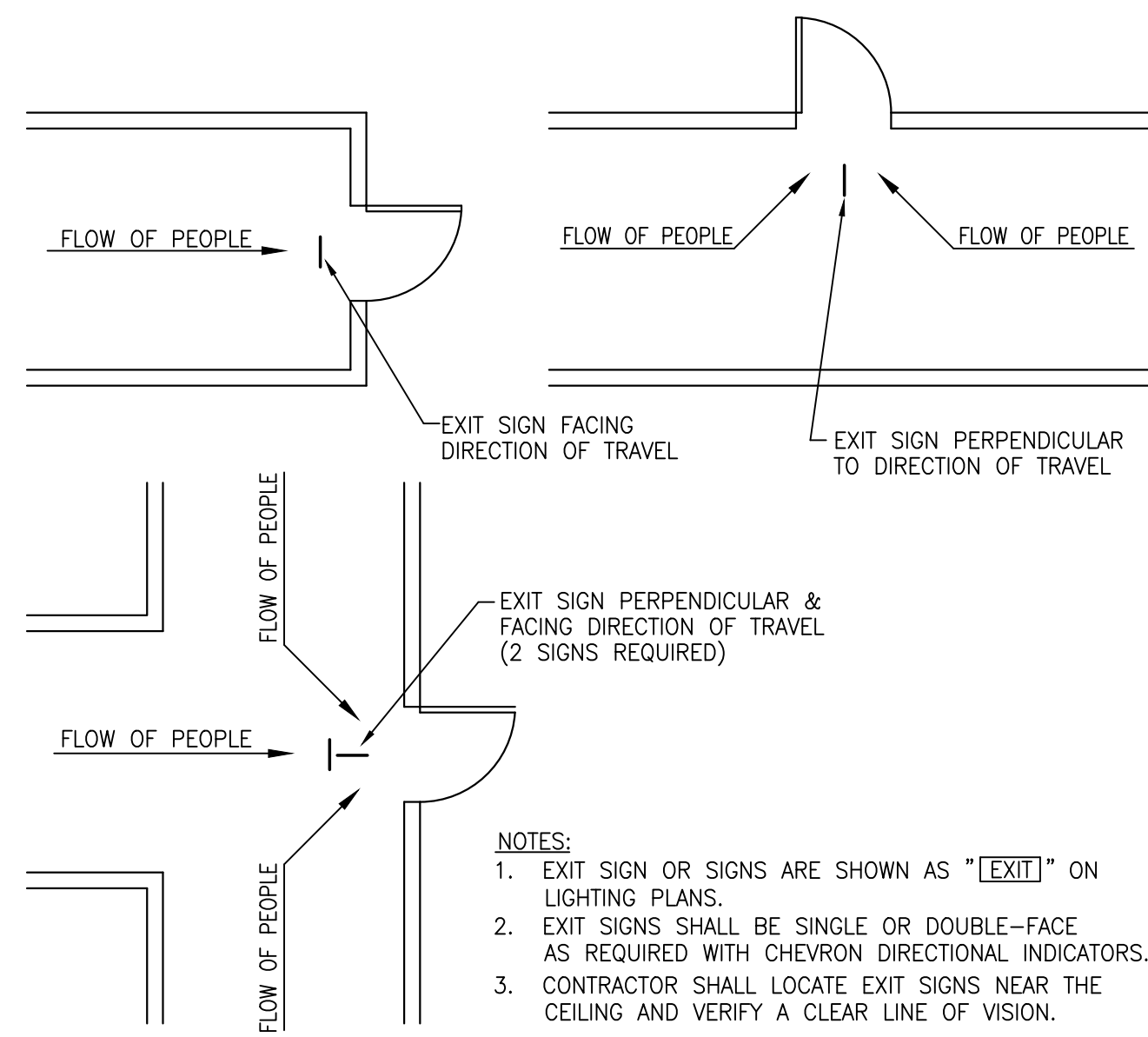
NOTE: VERIFY BREAKER AND CONDUCTOR SIZES WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION



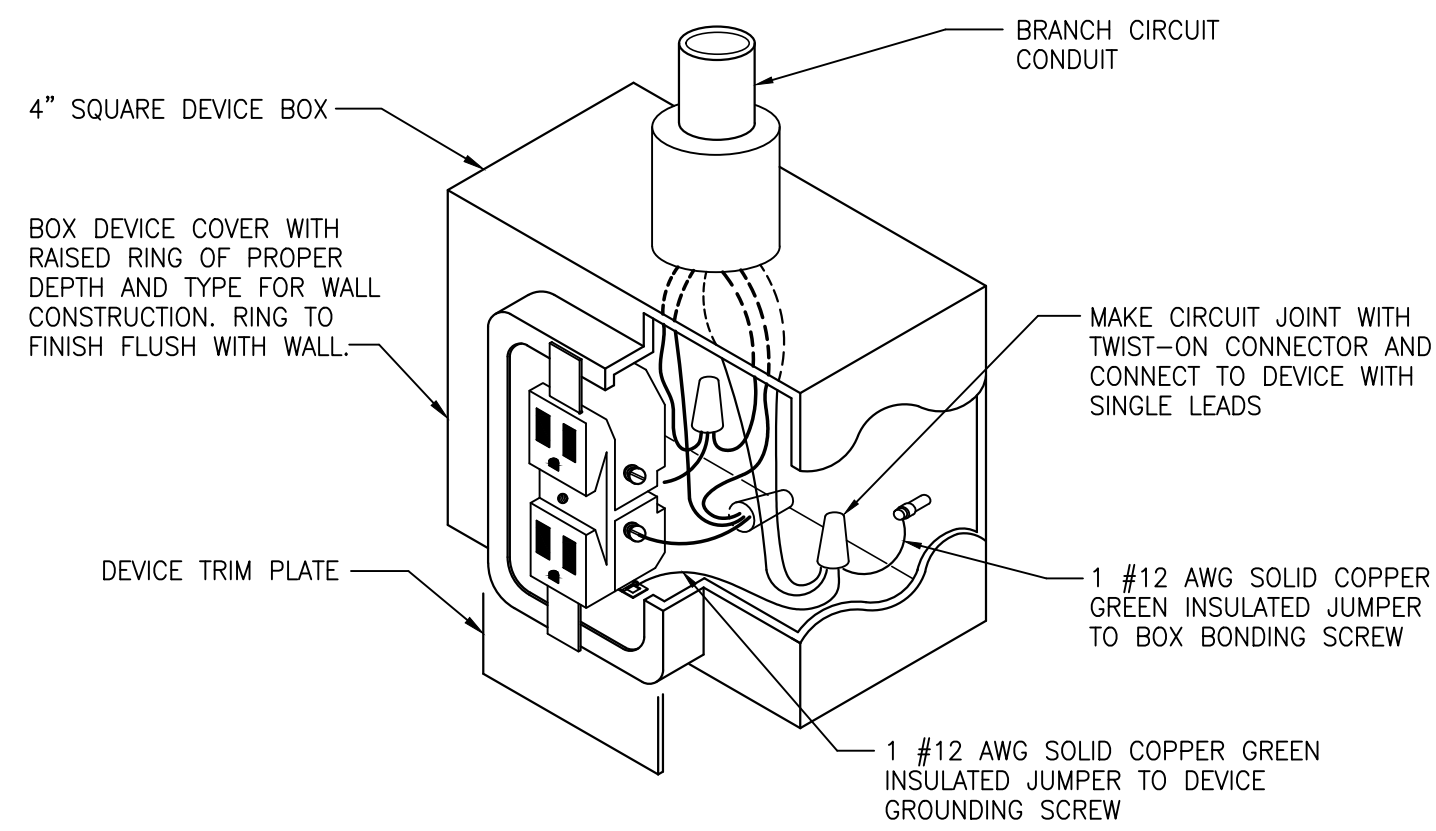
REV	DATE	DESCRIPTION

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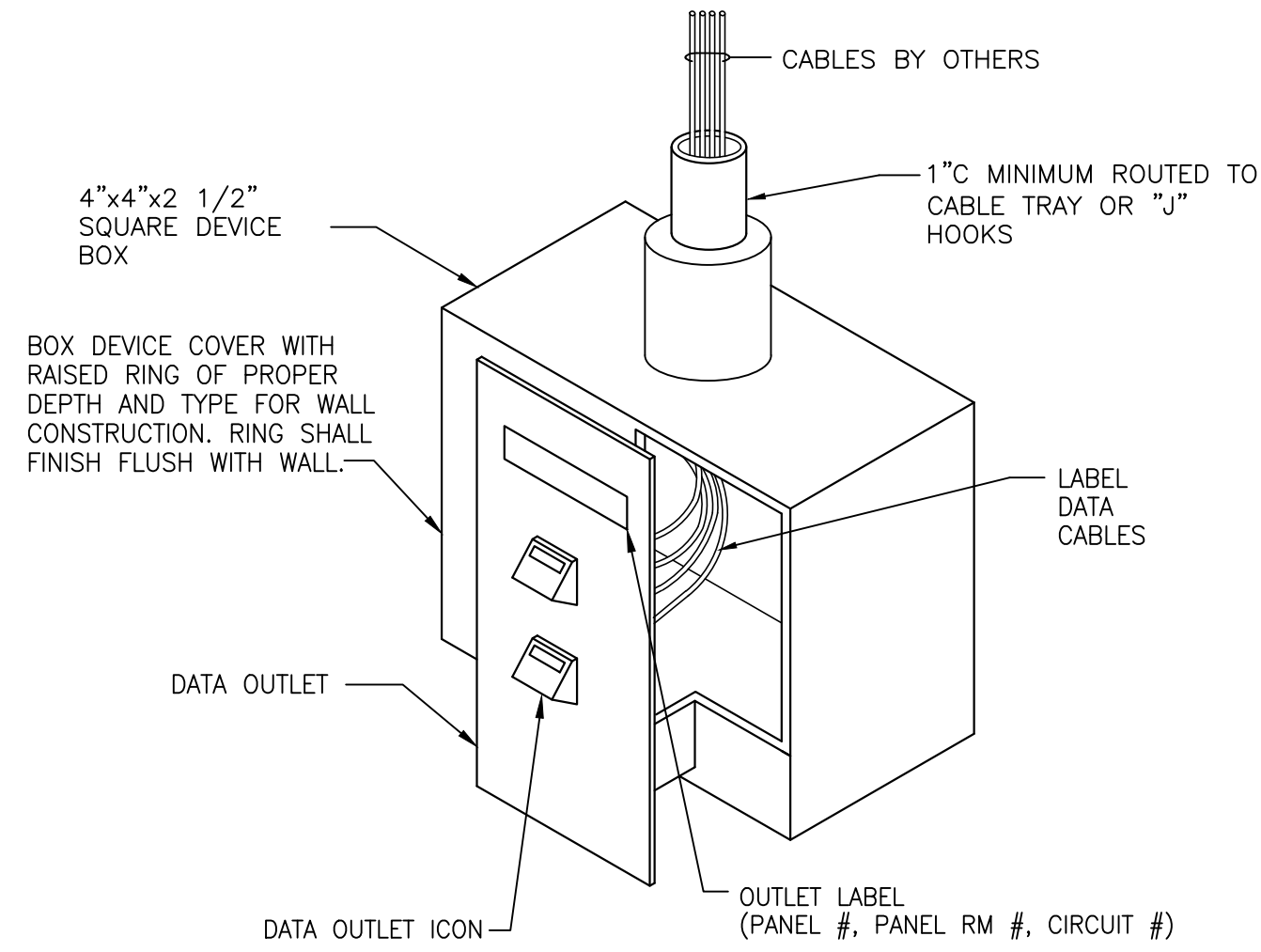
DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: AS NOTED



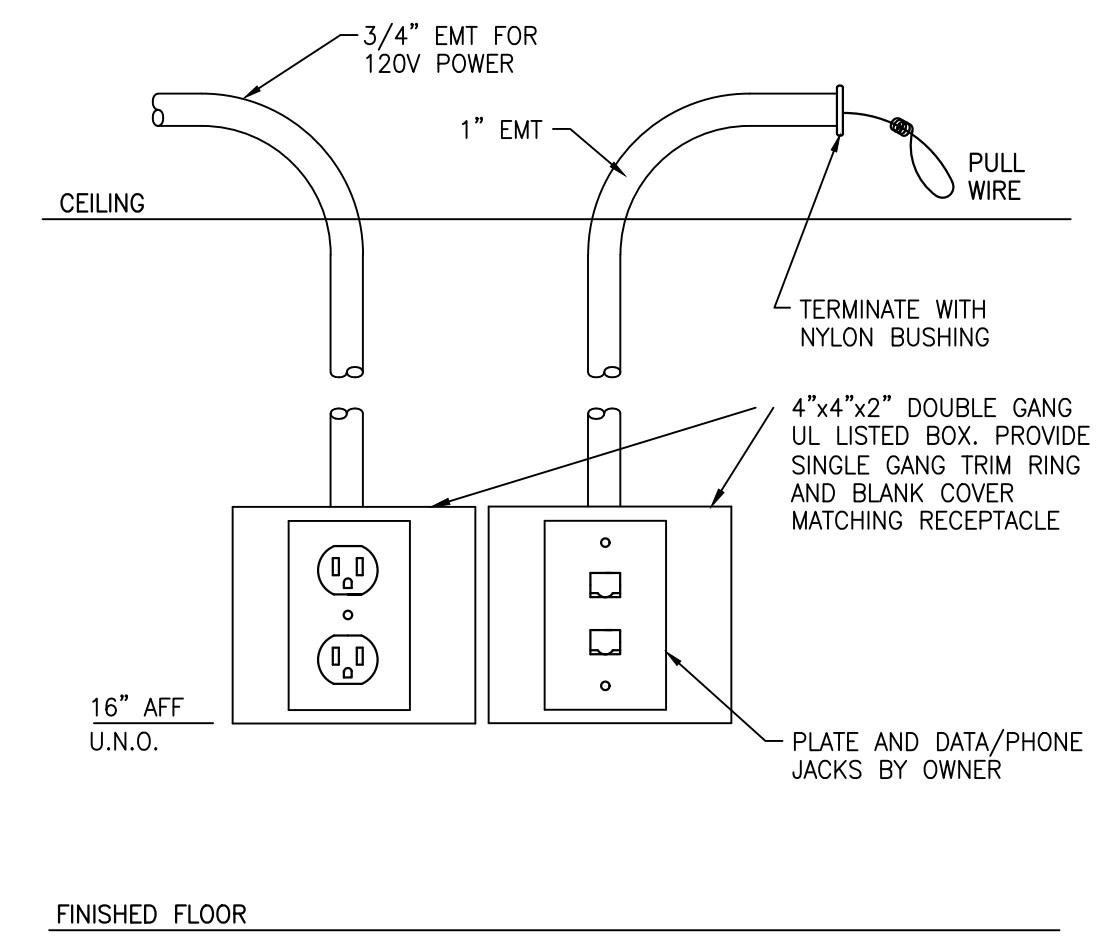
DETAIL NO. 1
 LOCATIONS OF EXIT SIGNS
 SCALE: NTS



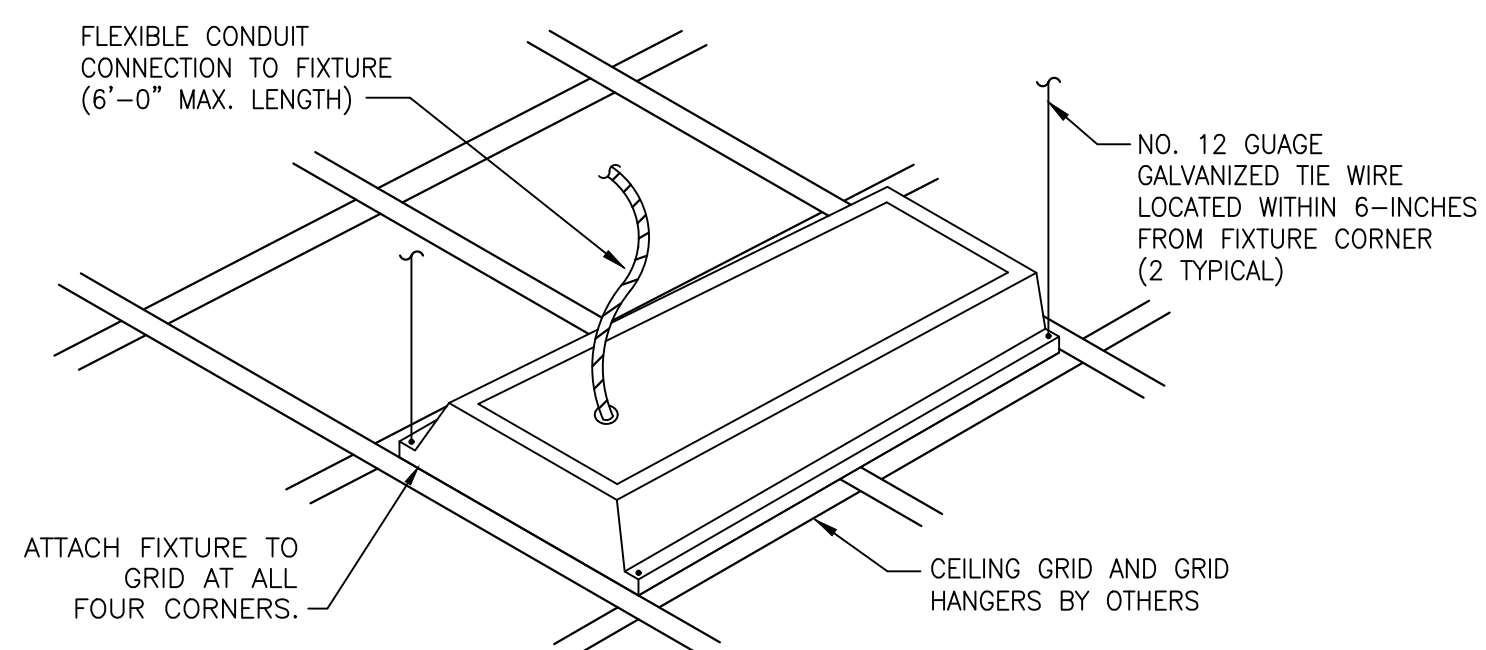
DETAIL NO. 2
 RECEPTACLE GROUNDING DIAGRAM
 SCALE: NTS



DETAIL NO. 3
 DATA OUTLET
 SCALE: NTS



DETAIL NO. 4
 POWER/DATA/PHONE OUTLET
 SCALE: NTS



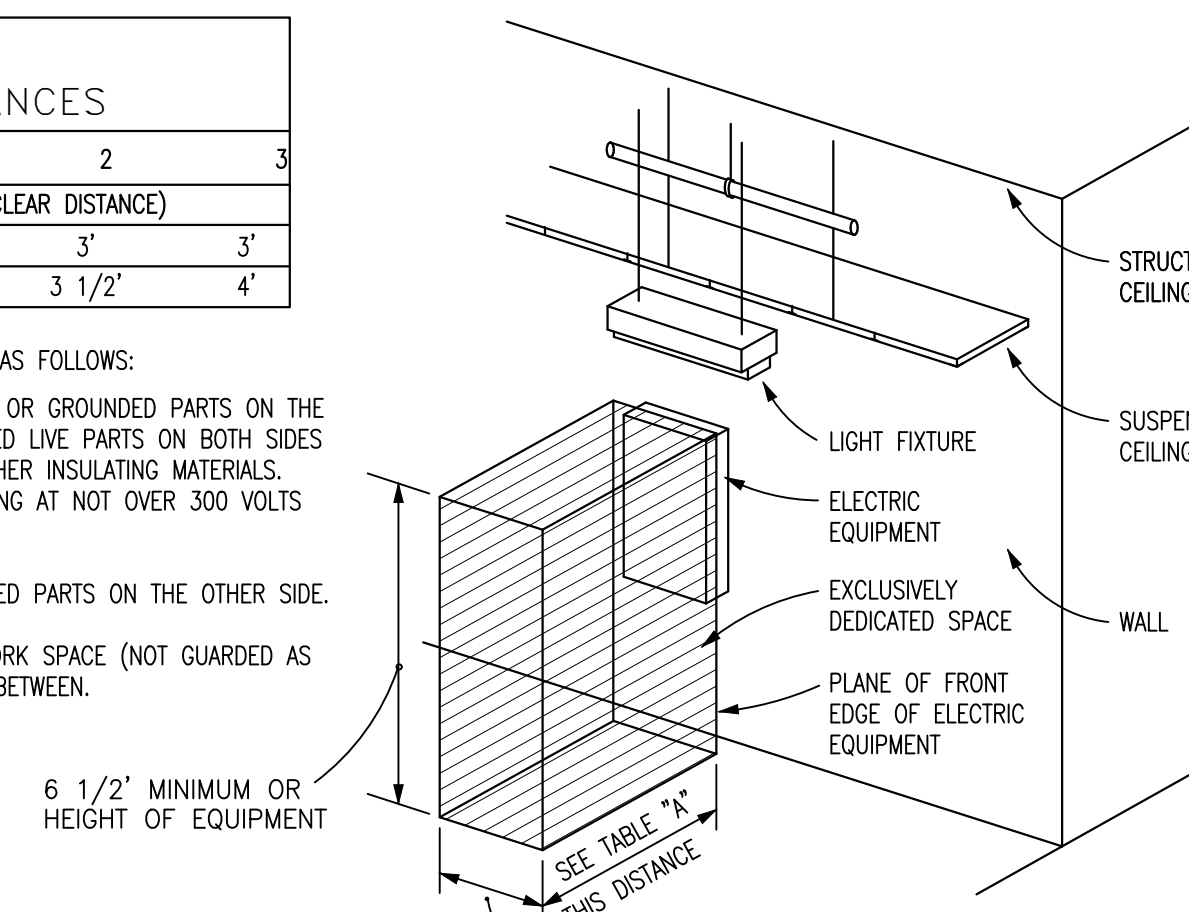
DETAIL NO. 5
 TYPICAL RECESSED FIXTURE SUPPORT
 SCALE: NTS

TABLE "A"
WORKING CLEARANCES

VOLTAGE TO GROUND (NOMINAL)	CONDITION: 1 2 3		
	(MINIMUM CLEAR DISTANCE)		
0-150	3'	3'	3'
151-600	3'	3 1/2'	4'

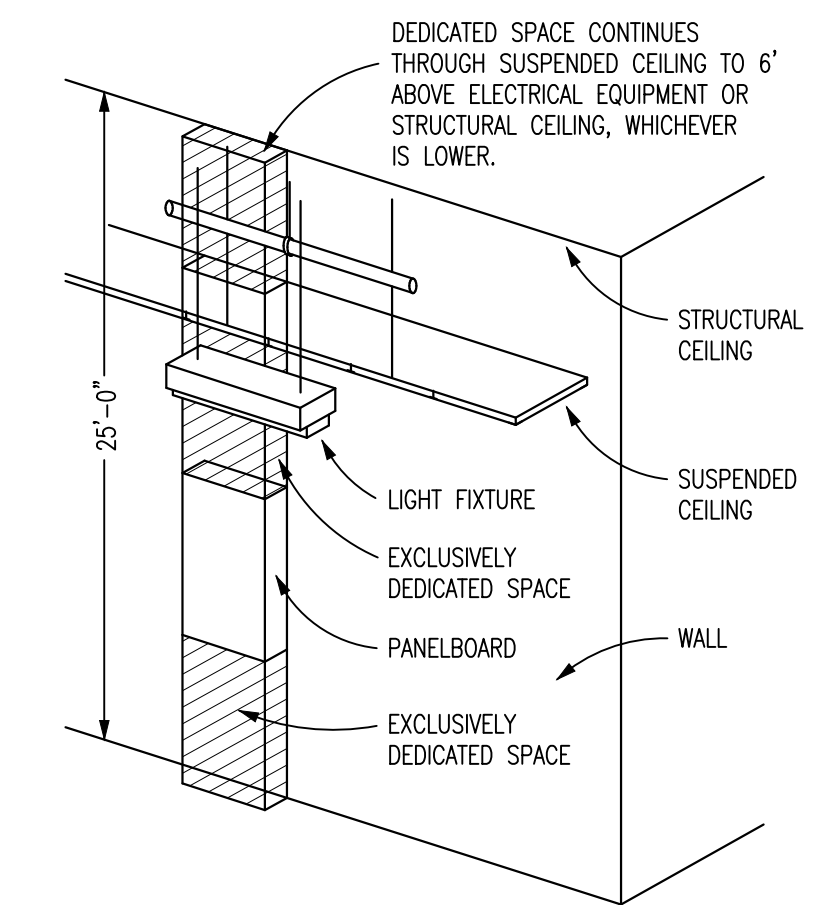
WHERE THE "CONDITIONS" ARE AS FOLLOWS:
 1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.
 2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.
 3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

NOTES:
 1. THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF ELECTRICAL EQUIPMENT REQUIRED BY NEC SECTION 110-26.
 2. THIS INCLUDES BUT IS NOT LIMITED TO PANELBOARDS, SAFETY SWITCHES, MOTOR STARTERS, JUNCTION BOXES AND OTHER ELECTRICAL EQUIPMENT.



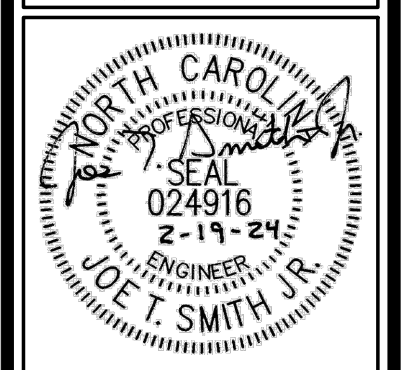
ALL ELECTRIC EQUIPMENT

DETAIL NO. 6
 DEDICATED WORKING SPACE REQUIREMENTS
 SCALE: NTS



NOTES:
 1. THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER PANELBOARDS FOR CABLES, RACEWAYS, ETC. TO AND FROM PANELBOARDS REQUIRED BY NEC SECTION 110-26.
 2. NO PIPING, DUCTWORK OR EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH THE DEDICATED SPACES SHOWN. FOR EXCEPTIONS SEE NEC SECTION 110-26f.

PANELBOARDS



REVISIONS

REV	DATE	DESCRIPTION

New Alteration and Addition for:
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SEQUENCE OF OPERATION

UPON THE ACTIVATION OF A PULL STATION OR FLOW OF WATER IN A FIRE PROTECTION LINE, THE FACP SHALL RESPOND BY ACTIVATING AUDIO/VISUAL ALARMS, STOPPING APPROPRIATE AHU'S, AND SENDING AN EXTERNAL SIGNAL TO THE PROPER DESIGNATED RECIPIENT.

UPON THE CLOSING OF VALVES SERVING THE FIRE PROTECTION SYSTEM, THE FACP SHALL RESPOND BY ACTIVATING A SUPERVISORY SIGNAL AT THE FACP, INDICATING THE ACTUAL DEVICE ACTIVATED AND SENDING AN EXTERNAL SIGNAL TO THE PROPER DESIGNATED RECIPIENT.

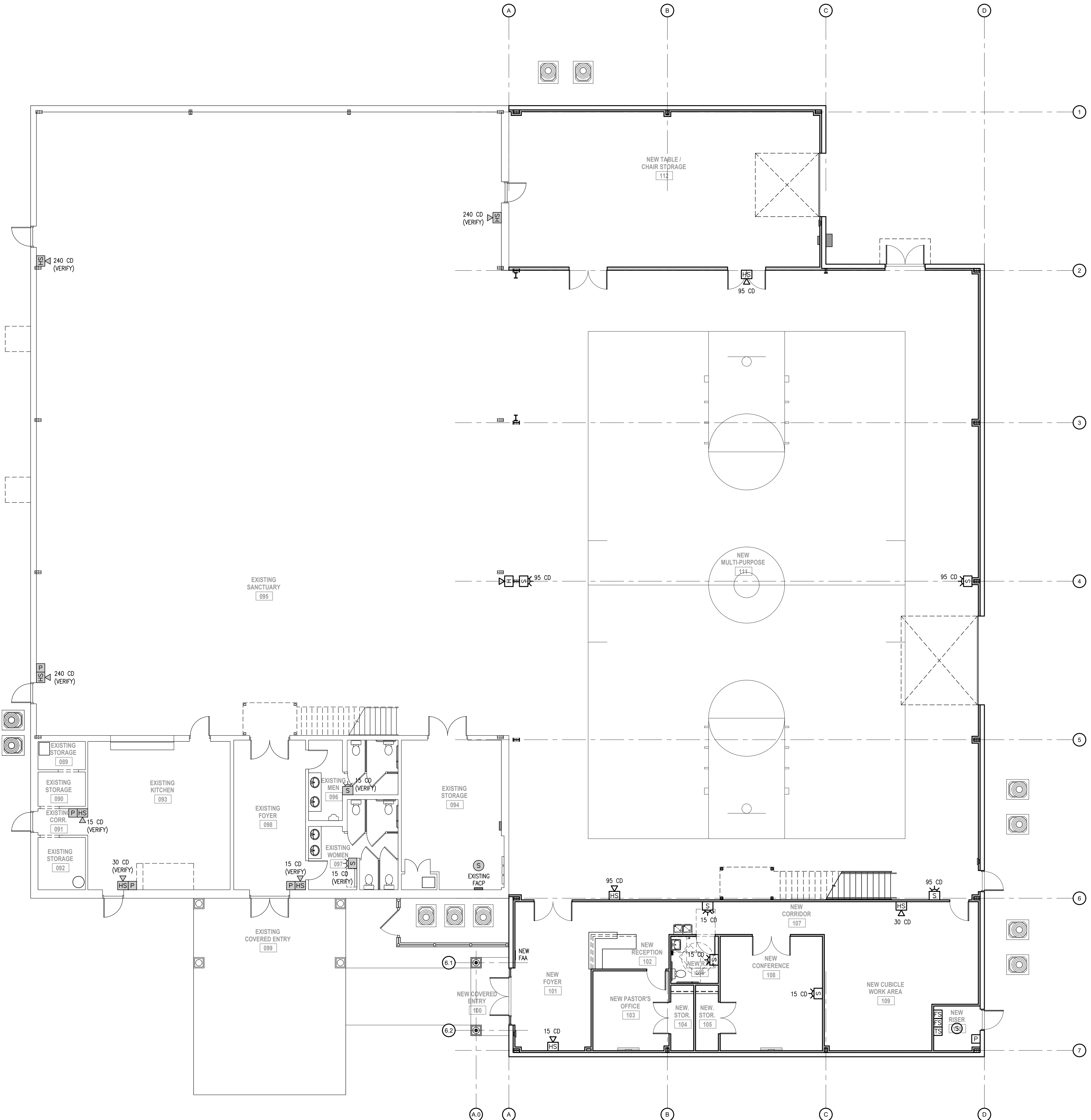
UPON THE GROUNDING, OPENING OR MALFUNCTION OF A CIRCUIT CONDUCTOR, THE FIRE ALARM PANEL SHALL RESPOND BY ACTIVATING A TROUBLE SIGNAL AT THE FACP.

UPON THE DETECTION OF SMOKE BY AN AREA SMOKE DETECTOR, THE FACP SHALL RESPOND BY PERFORMING ALARM VERIFICATION AND THEN EITHER RESETTING OR PROCEEDING TO ACTIVATE AUDIO/VISUAL ALARMS, STOPPING APPROPRIATE AHU'S AND SENDING AN EXTERNAL SIGNAL TO THE PROPER DESIGNATED RECIPIENT SIMULTANEOUSLY.

A SUPERVISED "AHU SHUTDOWN DEFEAT" SWITCH SHALL BE PROVIDED IN OR ADJACENT TO THE FACP. THE SWITCH SHALL REACTIVATE AHU'S AND CAUSE A "TROUBLE" INDICATION WHEN IT'S PLACED IN THE OFF-NORMAL SHUTDOWN DEFEATED POSITION.

- FIRE ALARM NOTES**
- FIRE ALARM PLANS ARE INTENDED TO PROVIDE INFORMATION FOR INSTALLATION OF A COMPLETE SYSTEM. PROVIDE ALL ESSENTIAL LABOR, MATERIALS & DEVICES REQUIRED TO PRODUCE A QUALITY END PRODUCT.
 - FIRE ALARM CONTRACTOR SHALL REVIEW & BECOME FAMILIAR WITH THE WORK OF ALL TRADES FOR PURPOSES OF COORDINATION AND ROUTING. CONTRACTOR SHALL PROVIDE REQUIRED PLANNING, COORDINATION AND SEQUENCING OF FIRE ALARM INSTALLATION WITH BUILDING COMPONENTS AND OTHER TRADES.
 - ALL WORK SHALL COMPLY WITH THE LOCAL FIRE CODE, THE NATIONAL ELECTRICAL CODE (NEC) AND NFPA 72. WORKMANSHIP SHALL MEET OR EXCEED INDUSTRY STANDARDS.
 - FIRE ALARM CONTRACTOR SHALL VERIFY THAT SECONDARY SUPPLY HAS SUFFICIENT CAPACITY TO OPERATE FOR 24 HOURS WHEN SYSTEM IS FUNCTIONING IN A NON-ALARM CONDITION. AT THE END OF THAT PERIOD, THE SECONDARY SUPPLY SHALL BE CAPABLE OF OPERATING IN ALARM MODE FOR 5 MINUTES. FIRE ALARM INSTALLER SHALL CERTIFY CALCULATED CAPACITY TO DRIVE THE SYSTEM PER NFPA 72 ON FORM FOR RECORD OF COMPLETION.
 - ALL WIRING, DEVICES AND OTHER LIKE MATERIALS SHALL BE UL LISTED & LABELED.
 - CONDUIT SHALL BE EMT WITH COMPRESSION TYPE FITTINGS WHERE EXPOSED OR AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
 - FIRE ALARM CONTRACTOR SHALL PROVIDE AN ADDRESS MAP AT ANNUNCIATOR AND MAIN FACP LOCATIONS. PROVIDE FRAMED OPERATING INSTRUCTIONS AT MAIN FACP.
 - VISUAL NOTIFICATION APPLIANCES MUST BE SYNCHRONIZED WHERE MORE THAN TWO APPLIANCES CAN BE VIEWED AT THE SAME TIME.
 - AUDIBLE NOTIFICATION APPLIANCE SOUND LEVELS SHALL BE FIELD-TESTED. SOUND LEVEL SHALL BE 15 dBA MINIMUM ABOVE AMBIENT SOUND LEVEL IN ROOM OR SPACE; OR 5 dBA ABOVE ANY MAXIMUM SOUND LEVEL HAVING A 60 SECOND MINIMUM DURATION - WHICHEVER IS LOUDER. SOUND PATTERN SHALL BE OF THREE BEAT TEMPORAL PATTERN.
 - AREA HEAT AND SMOKE DETECTORS SHALL BE LOCATED NO CLOSER THAN 3'-FT. FROM SUPPLY AIR DIFFUSERS. ADJUST LOCATIONS IN FIELD AS REQUIRED AND MAINTAIN MAXIMUM SPACING LIMITATIONS PER NFPA 72.

FIRE ALARM LEGEND		
SYMBOL	DESCRIPTION	REMARKS
	AUDIBLE NOTIFICATION APPLIANCE "HORN" (120 dBA MAX.)	MOUNT BOTTOM OF DEVICE 90" ABOVE FINISH FLOOR
	AUDIBLE / VISUAL NOTIFICATION APPLIANCE "HORN STROBE" (120 dBA MAX. & CANDELA AS NOTED)	MOUNT BOTTOM OF DEVICE 90" ABOVE FINISH FLOOR
	EXISTING AUDIBLE / VISUAL NOTIFICATION APPLIANCE "HORN STROBE" (VERIFY 120 dBA MAX. & CANDELA AS NOTED)	
	AUDIBLE / VISUAL NOTIFICATION APPLIANCE "HORN STROBE" (120 dBA MAX. & CANDELA AS NOTED)	CEILING MOUNTED DEVICE
	VISUAL NOTIFICATION APPLIANCE "STROBE" (CANDELA AS NOTED)	MOUNT BOTTOM OF DEVICE 90" ABOVE FINISH FLOOR
	EXISTING VISUAL NOTIFICATION APPLIANCE "STROBE" (VERIFY CANDELA AS NOTED)	
	VISUAL NOTIFICATION APPLIANCE "STROBE" (CANDELA AS NOTED)	CEILING MOUNTED DEVICE
	MANUAL ALARM PULL STATION	MOUNT TOP OF DEVICE 48" ABOVE FINISH FLOOR
	EXISTING MANUAL ALARM PULL STATION	
	AREA SMOKE DETECTOR	CEILING MOUNTED UNLESS NOTED OTHERWISE
	EXISTING AREA SMOKE DETECTOR	
	AREA CARBON MONOXIDE DETECTOR	CEILING MOUNTED UNLESS NOTED OTHERWISE
	EXISTING AREA CARBON MONOXIDE DETECTOR	
	HVAC DUCT SMOKE DETECTOR	MOUNTED IN RETURN DUCT
	EXISTING HVAC DUCT SMOKE DETECTOR	
	BEAM SMOKE DETECTOR SYSTEM (1x/Rx WITH REFLECTOR)	BOD 12" MIN. FROM CLG. / BOD 10' MIN. - 30' MAX. FROM FLOOR
	AREA HEAT DETECTOR	CEILING MOUNTED UNLESS NOTED OTHERWISE
	POWER SUPPLY UNIT	
	FIRE SPRINKLER TAMPER SWITCH	SEE PLANS FOR LOCATION
	FIRE SPRINKLER FLOW SWITCH	SEE PLANS FOR LOCATION
	FIRE ALARM CONTROL PANEL	SEE PLANS FOR LOCATION
	FIRE ALARM ANNUNCIATOR	SEE PLANS FOR LOCATION
	BATTERY POWER SUPPLY	SEE PLANS FOR LOCATION

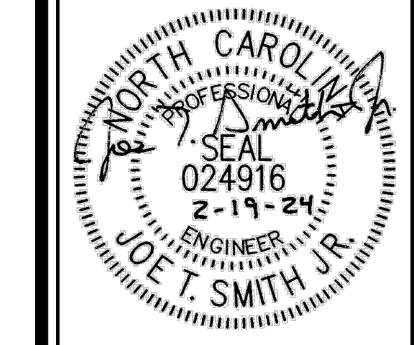


FIRST FLOOR FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

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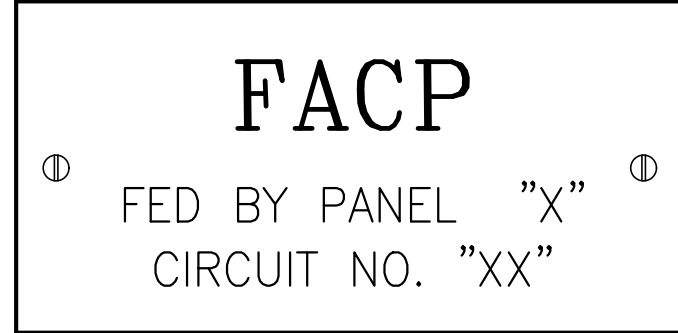


REV.	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
 494 Antioch Church Road,
 Dunn, North Carolina 28534

DATE: 19 February 2024
 DRAWN BY: T.B. & L.W.
 SCALE: 1/8" = 1'-0"

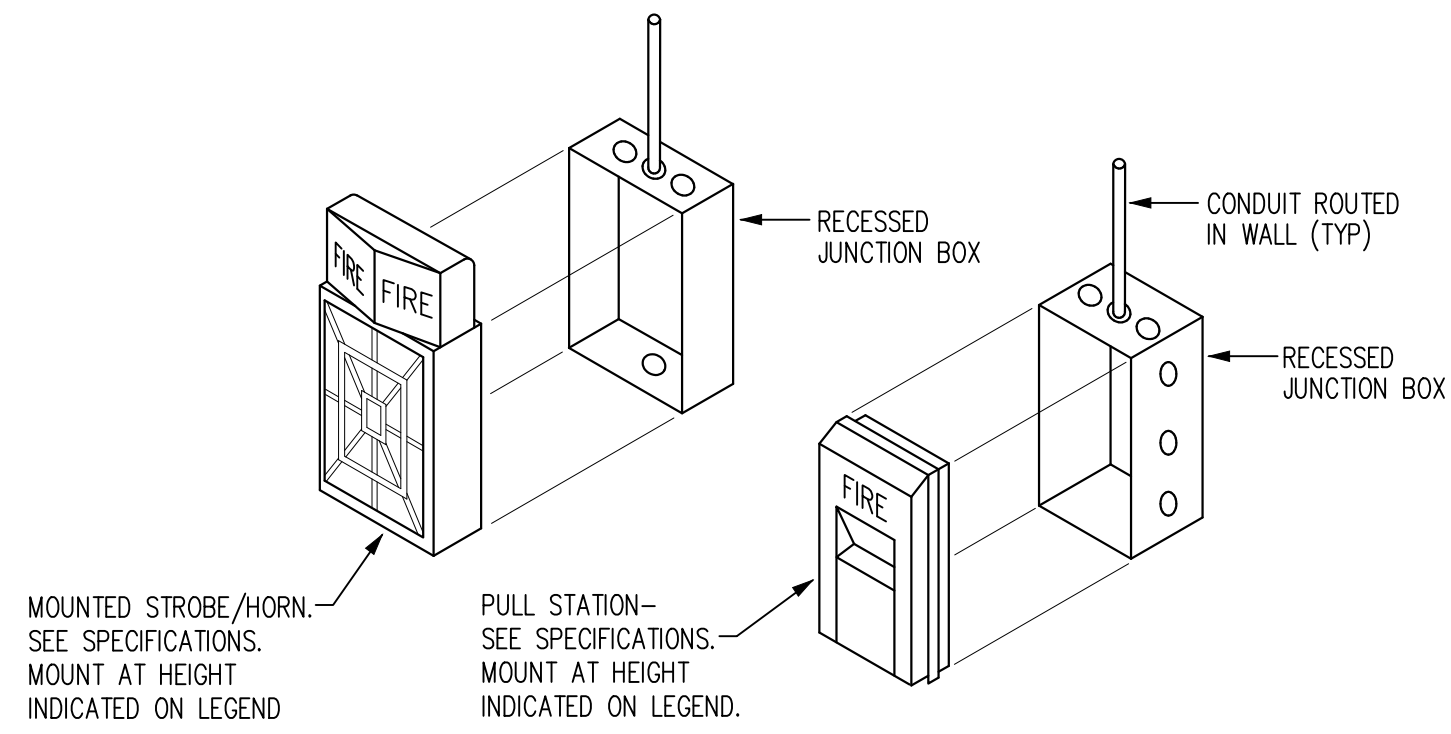
FA-1



- NOTES:**
1. PHENOLIC LABEL, 4" WIDE x 2" IN HEIGHT, SUPPLIED BY THE ELECTRICAL CONTRACTOR, RED IN COLOR WITH WHITE LETTERING (1/2" HIGH).
 2. INSERT PANEL DESIGNATION AT "X" LOCATION, AND BLACK LETTERING (1/4" HIGH).
 3. INSERT CIRCUIT DESIGNATION AT "XX" LOCATION, AND BLACK LETTERING (1/4" HIGH).

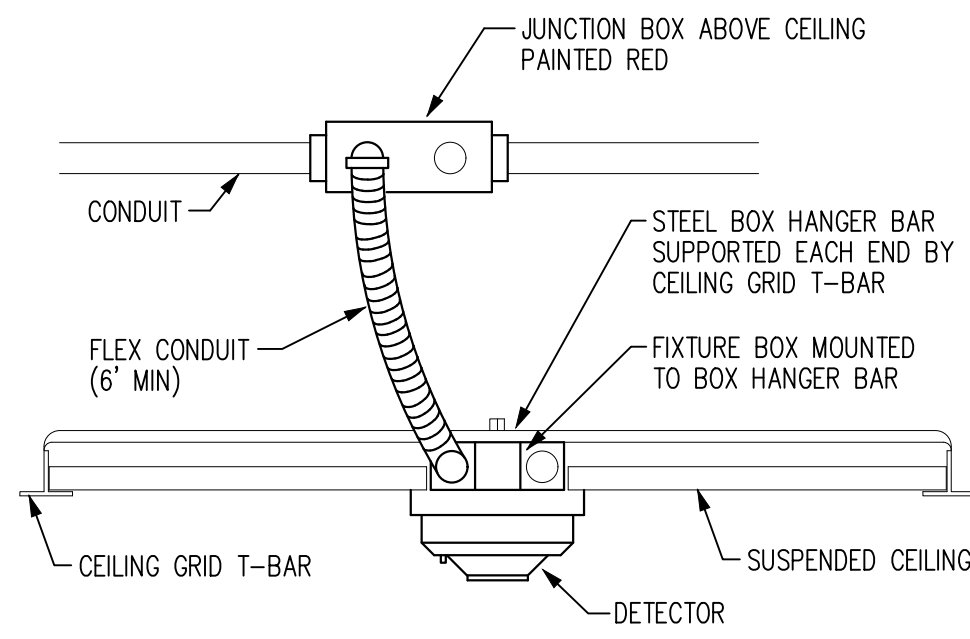
DETAIL NO. 1

FIRE ALARM PANEL LABEL
SCALE: NTS



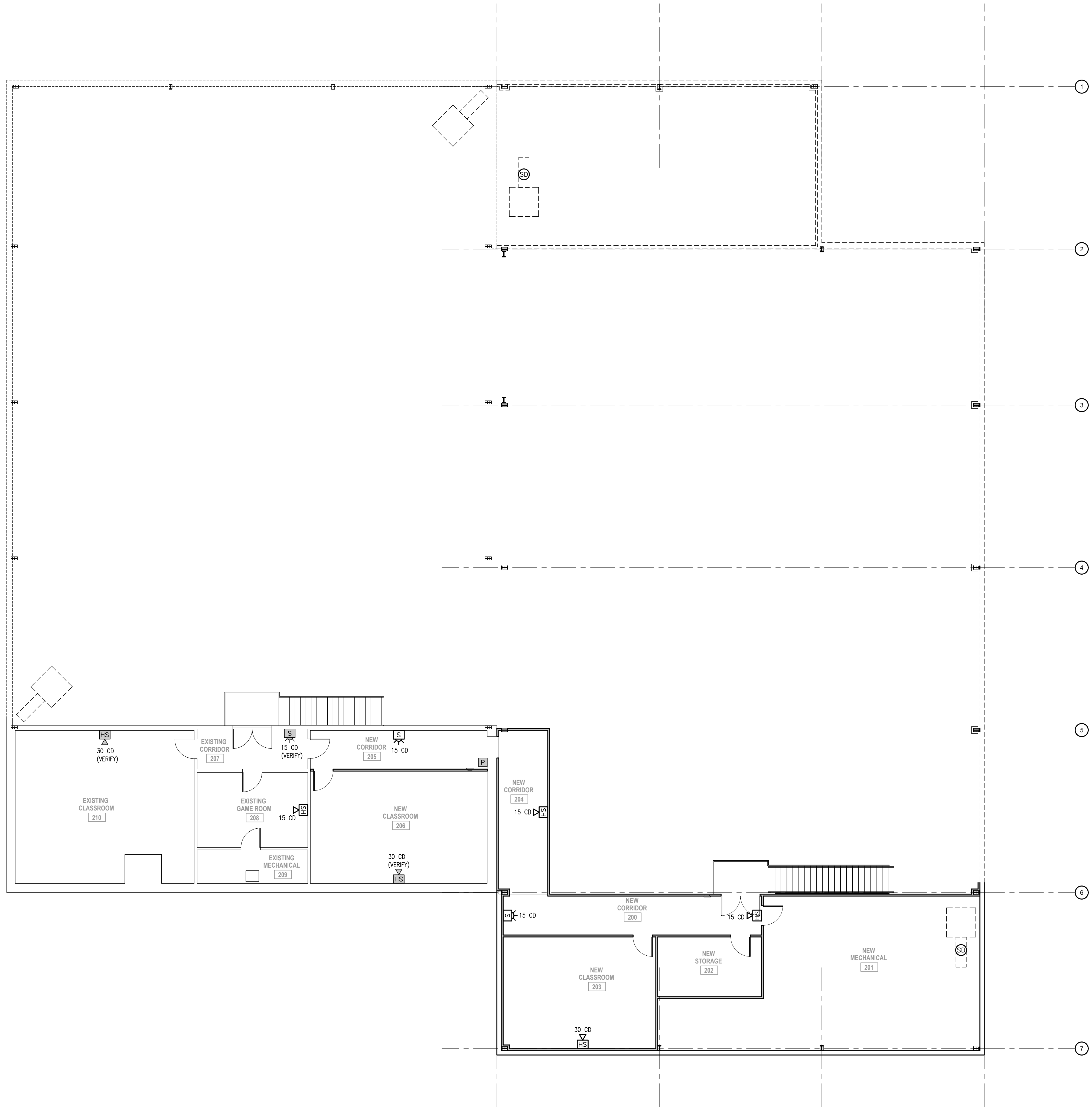
DETAIL NO. 2

FIRE ALARM DEVICE MOUNTING
SCALE: NTS



DETAIL NO. 3

TYPICAL CEILING MOUNTED SMOKE DETECTOR
SCALE: NTS

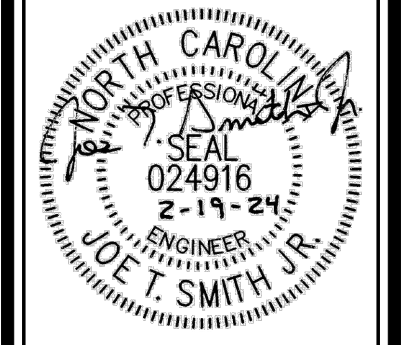


SECOND FLOOR FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

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SMITH ENGINEERING AND DESIGN, P.A.
1103 Granite Pl., Suite A
Goldsboro, N.C. 27534
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Phone: 919.736.2141 Fax: 919.736.2142

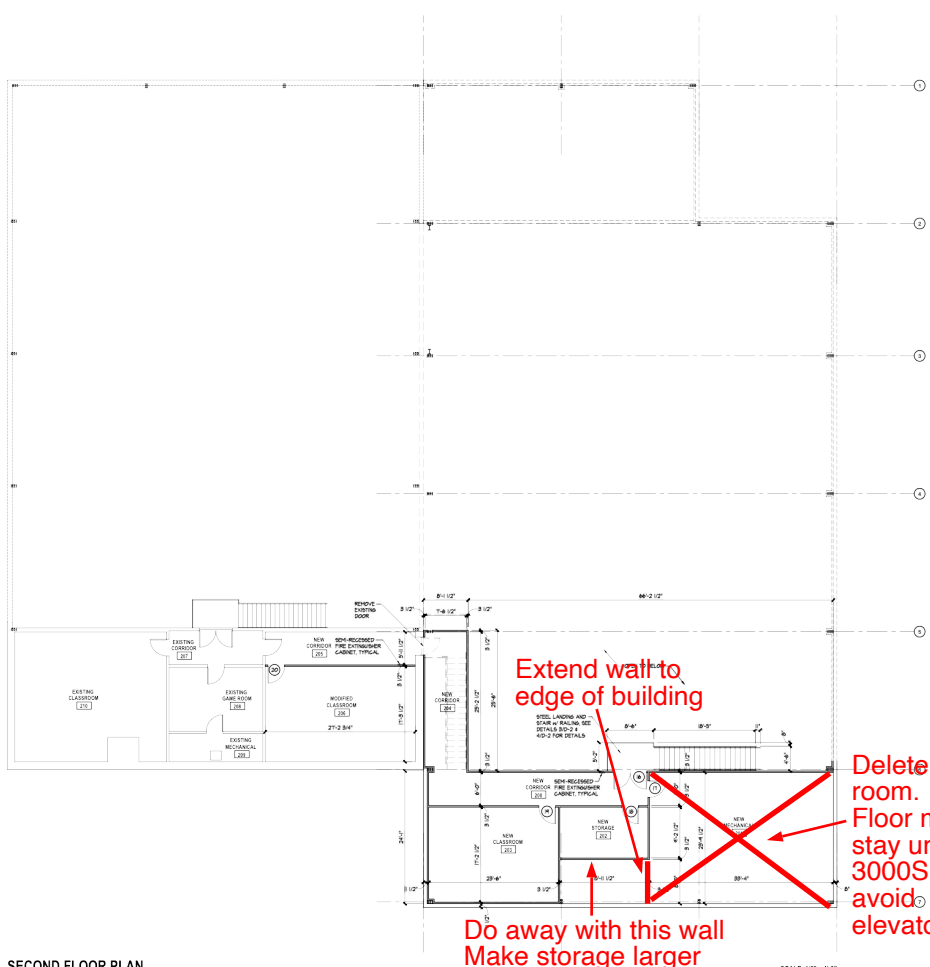


REV#	DATE	DESCRIPTION

New Alteration and Addition for:
Antioch Church of Erwin
494 Antioch Church Road,
Dunn, North Carolina 28334

DATE: 19 February 2024
DRAWN BY: T.B. & L.W.
SCALE: 1/8" = 1'-0"

FA-2



SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

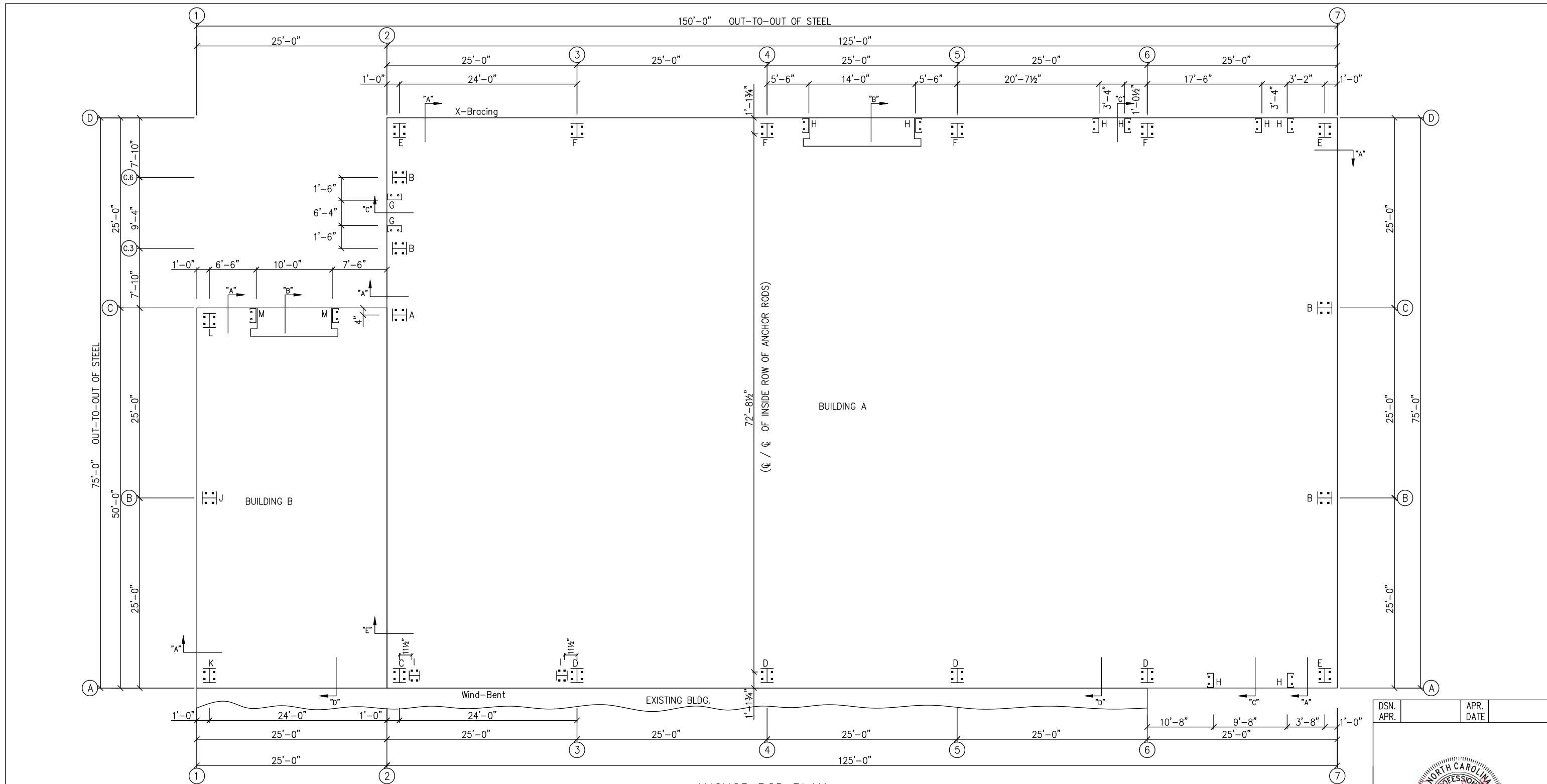
SMITH ENGINEERING AND DESIGN, P.A.
 1108 Green Hill, Suite A
 Goldsboro, N.C. 27534
 Phone: 919.752.2131



DATE	18 February 2018
DESIGNED BY	J. A. L. W.
CHECKED BY	J. A. L. W.
SCALE	

New Alteration and Addition for:
Antioch Church of Erwin
 488 Antioch Church Road
 Dunn, North Carolina 28334

G-2



ANCHOR ROD PLAN
 NOTE: All Base Plates @ 100'-0" (FINISH FLOOR)(UNLESS NOTED)

FRED F. RADFAR P.E.
 30 WINDERMERE LANE
 HOUSTON, TEXAS 77063
 fred@radfarpe.com
 NORTH CAROLINA LICENSE
 #010295 EXP. 12/31/24



ANCHOR RODS HAVE BEEN DESIGNED FOR SHEAR AND TENSION LOADS ONLY, PER APPENDIX D OF ACI 318-08.

DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER AND PROVIDED BY OTHERS.

ANCHOR ROD PROJECTION IS FROM BOTTOM OF BASE PLATE, UNLESS GROUT IS REQUIRED.

DIA.	PROJ.
1/2"	1 1/2"
5/8"	2"
3/4"	2 1/2"
7/8"	3 1/2"
1"	3 1/2"
1 1/4"	3 1/2"

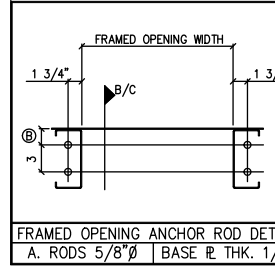
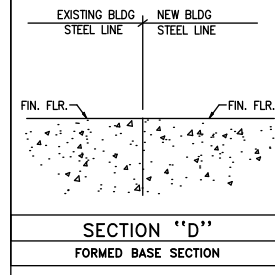
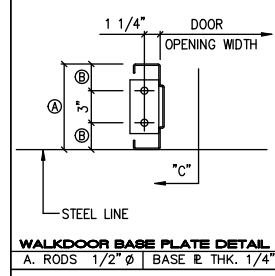
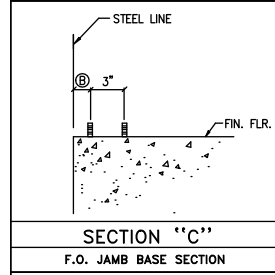
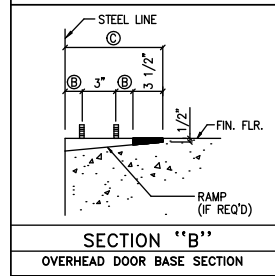
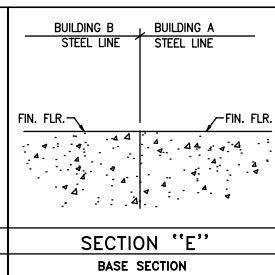
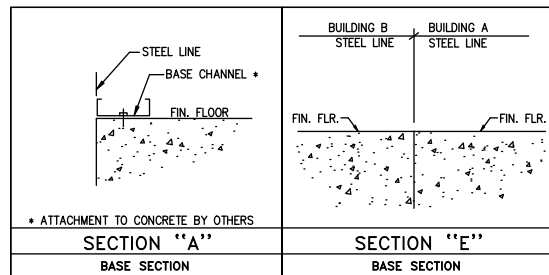
ANCHOR RODS (BY OTHERS)

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

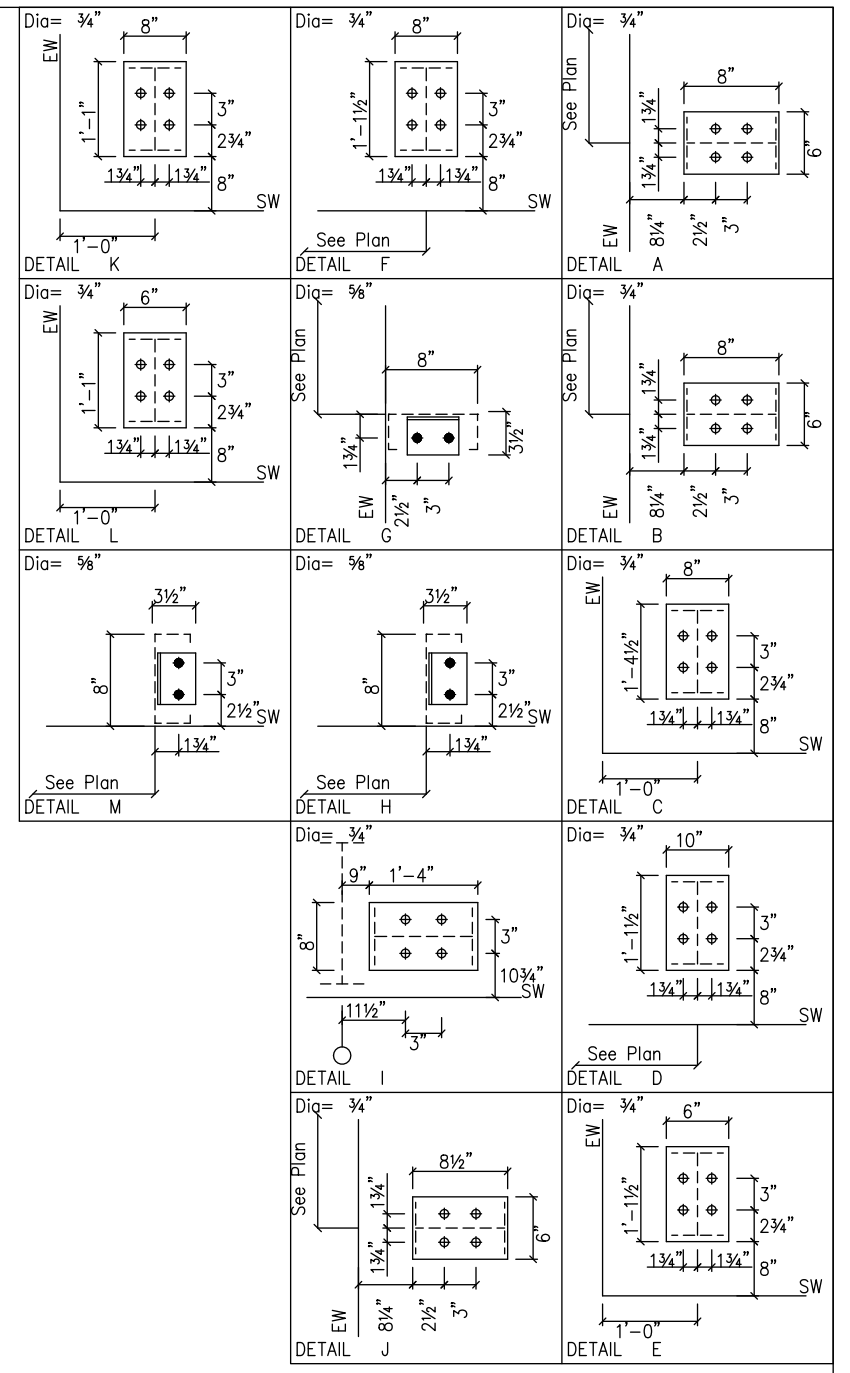
REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
0	7/11/24	FOR CONSTRUCTION	SDP / RD

INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		SIZE REFER TO C1 CUSTOMER MCPHAIL METAL STRUCTURES ADDRESS 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
DESCRIPTION Anchor Rod Plan OWNER OR PROJECT Antioch Church of Erwin JOBSITE LOCATION 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470 CAD BY ENCR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE SDP FR 7/11/24 N.T.S. 198812 (Rev) F1 of 5 0		



F.O. SIZE	QTY.	SHOP LOCATE	FIELD LOCATE	TYPE/REMARKS
10'-0" X 10'-0"	1	X		FOR O.H. DOOR (BY OTHERS)
14'-0" X 12'-0"	1	X		FOR O.H. DOOR (BY OTHERS)
9'-8" X 9'-4"	1	X		FOR WINDOW (BY OTHERS)
3'-4" X 7'-2"	2	X		FOR WALKDOOR (BY OTHERS)
6'-4" X 7'-2"	1	X		FOR WALKDOOR (BY OTHERS)

FRAMED OPENING SCHEDULE



THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

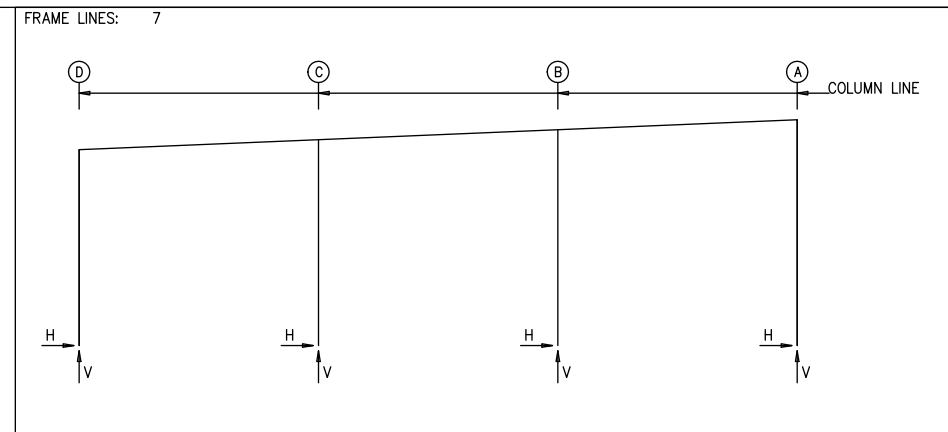
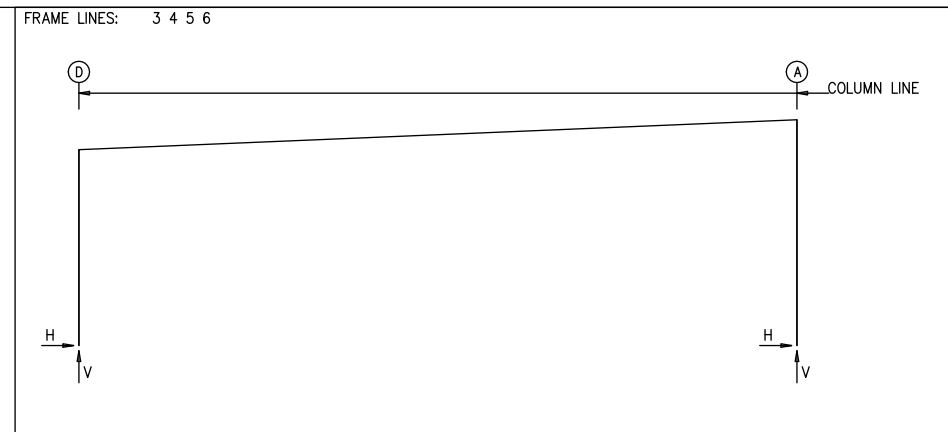
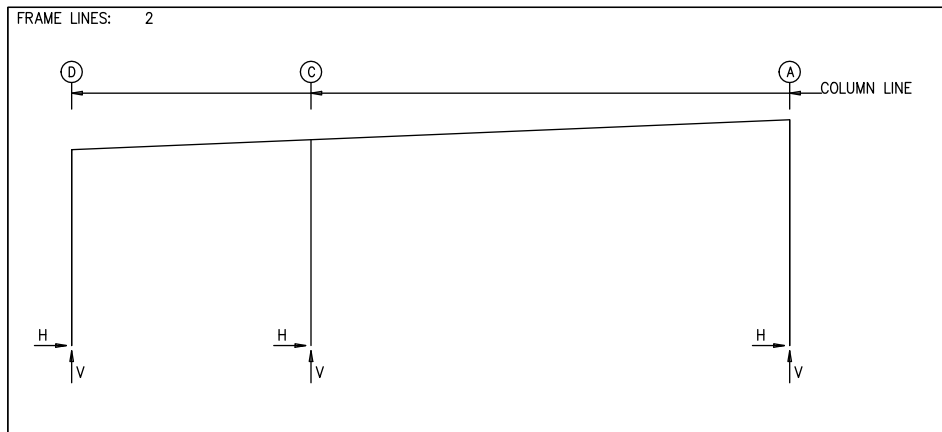
DRAWING STATUS		REVISIONS	
<input type="checkbox"/> FOR APPROVAL:	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE
<input type="checkbox"/> FOR PERMIT:	THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	DESCRIPTION	BY
<input checked="" type="checkbox"/> FOR CONSTRUCTION:	FINAL DRAWINGS.	FOR CONSTRUCTION	SDP RD

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30 WINDERMERE LANE
HOUSTON, TEXAS 77063
fred@radfarpe.com
NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



INLAND BUILDINGS		DESCRIPTION ANCHOR BOLT DETAILS		SIZE	REFER TO C1
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		
CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH BLDG. DESC.
SDP	FR	7/11/24	N.T.S.	198812	(Rev)
					SHEET NO. F2 of 5
					ISSUE 0

DSN. APR. APR. DATE



RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2	D	0.3	0.6	0.3	0.8	1.2	3.3	0.5	1.3	-4.6	-5.1	5.6	-1.2
2	A	-0.3	2.7	-0.3	2.8	-1.2	11.3	-0.5	4.4	1.1	-17.0	4.2	-11.6
2	C	0.0	5.9	0.0	5.7	0.0	22.8	0.0	8.8	0.0	-35.3	0.0	-20.0
2	D	-7.8	-4.4	2.4	-0.5	0.0	0.0	0.0	0.0	5.5	-8.3	5.6	-7.1
2	A	-1.2	-10.8	1.9	-5.5	0.0	0.0	0.0	0.0	4.6	-21.9	3.8	-17.0
2	C	0.0	-24.8	0.0	-9.5	-0.8	0.0	0.9	0.0	0.0	-25.6	0.0	-16.1
2	D	-1.3	-0.8	1.3	0.8	0.0	-3.1	0.7	1.8	0.0	1.2	0.2	-0.6
2	A	-1.0	0.6	1.0	-0.6	0.0	-3.6	-0.7	6.2	0.0	0.0	-0.2	2.2
2	C	0.0	0.2	0.0	-0.2	0.0	0.0	0.0	12.6	0.0	1.2	0.0	3.2
3*	D	2.5	5.0	2.4	4.7	9.5	18.7	3.7	7.2	-12.0	-20.9	-1.6	-12.1
3*	A	-2.5	5.2	-2.4	4.7	-9.5	18.8	-3.7	7.2	10.7	-21.1	8.9	-14.5
3*	D	-11.6	-13.1	-1.1	-4.3	-3.7	-25.5	-1.1	-18.0	-0.8	-0.4	0.8	0.4
3*	A	4.6	-11.5	2.9	-4.9	13.7	-30.2	9.5	-22.3	-0.7	0.4	0.7	-0.4
3*	D	0.0	-3.1	5.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3*	A	0.0	-3.6	-5.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	D	2.5	5.0	2.4	4.7	9.5	18.7	3.7	7.2	-15.1	-23.6	-0.5	-11.9
6	A	-2.5	5.3	-2.4	4.7	-9.5	18.8	-3.7	7.2	6.3	-21.3	11.9	-15.6
6	D	-12.9	-14.9	1.8	-3.2	-6.7	-20.9	-3.1	-13.3	-0.8	-0.4	0.8	0.4
6	A	4.0	-12.6	9.6	-7.0	7.1	-21.1	2.9	-13.2	-0.7	0.4	0.7	-0.4
6	D	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3
6	A	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3
7	D	0.1	0.9	0.1	0.8	0.3	3.1	0.1	1.2	-3.4	-6.5	4.3	0.2
7	A	-0.1	0.9	-0.1	0.8	-0.3	3.2	-0.1	1.2	-2.7	-3.5	3.6	-5.1
7	C	0.0	1.4	0.0	1.7	0.0	6.7	0.0	2.6	0.0	-7.8	0.0	-9.9
7	B	0.0	1.4	0.0	1.6	0.0	6.6	0.0	2.5	0.0	-12.1	0.0	-2.2
7	D	-4.4	-5.0	3.3	1.7	0.0	0.0	0.0	0.0	1.7	-3.5	1.7	-2.4
7	A	-1.7	-1.8	4.6	-3.4	0.0	0.0	0.0	0.0	-1.5	-4.0	-1.8	-2.5
7	C	0.0	-4.6	0.0	-6.8	-5.6	0.0	6.1	0.0	0.0	-7.7	0.0	-4.7
7	B	0.0	-9.3	0.0	0.5	-5.9	0.0	6.5	0.0	0.0	-6.6	0.0	-4.2
7	D	-0.5	-0.6	0.5	0.6	0.2	1.7	0.0	0.6	0.0	0.1	0.0	0.5
7	A	-0.4	0.5	0.4	-0.5	-0.2	1.7	0.0	0.1	0.0	0.6	0.0	0.0
7	C	0.0	0.8	0.0	-0.8	0.0	3.7	0.0	0.7	0.0	-0.2	0.0	1.4
7	B	0.0	-0.7	0.0	0.7	0.0	3.6	0.0	-0.2	0.0	0.7	0.0	0.6
7	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	A	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0
7	C	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.2	0.0	0.0	0.0	0.0
7	B	0.0	1.4	0.0	1.4	0.0	1.4	0.0	0.7	0.0	0.0	0.0	0.0
5	D	2.7	5.1	2.5	4.7	9.8	18.7	1.3	0.7	3.8	7.2	-12.3	-20.9
5	A	-2.7	7.2	-2.5	4.7	-9.8	18.8	-1.3	0.7	-3.8	7.2	11.0	-21.1
5	D	-1.8	-12.1	-11.8	-13.1	-1.1	-4.3	-4.0	-19.3	-0.3	-11.8	-0.8	-0.4
5	A	9.1	-14.5	4.8	-11.5	3.0	-4.9	14.0	-22.7	9.7	-14.8	-0.7	0.4
5	D	0.8	0.4	5.4	10.3	0.8	0.4	5.4	10.3	0.8	0.4	5.4	10.3
5	A	0.7	-0.4	-5.4	10.3	0.7	-0.4	-5.4	10.3	0.7	-0.4	-5.4	10.3
3*	Frame lines:	3 4											

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2	D	4	4.0	0.7	8	-4.5	-2.3	4	0.750	6.000	13.50	0.500	0.0
2	A	11	2.6	-2.5	12	-2.0	14.4	4	0.750	8.000	16.50	0.500	0.0
2	C	14	0.5	-21.0	15	-0.5	-21.0	4	0.750	6.000	8.000	0.625	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
3*	D	1	14.4	28.4	6	-5.7	-9.5	4	0.750	8.000	13.50	0.500	0.0
3*	A	10	6.8	-15.0	1	-14.4	28.7	4	0.750	10.00	13.50	0.500	0.0
3*	Frame lines:	3 4											

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
5	D	1	15.0	28.5	6	-5.8	-9.5	4	0.750	8.000	13.50	0.500	0.0
5	A	11	6.8	-9.3	1	-15.0	30.7	4	0.750	10.00	13.50	0.500	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES


Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
6	D	1	14.4	28.4	6	-7.6	-11.1	4	0.750	8.000	13.50	0.500	0.0
6	A	7	5.7	-6.2	1	-14.4	28.8	4	0.750	10.00	13.50	0.500	0.0


RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
7	D	3	2.6	1.0	8	-2.6	-2.5	4	0.750	6.000	13.50	0.500	0.0
7	A	9	2.7	-1.5	2	-1.7	-1.2	4	0.750	6.000	13.50	0.500	0.0
7	C	16	3.7	-5.6	15	-3.3	-5.6	4	0.750	6.000	8.000	0.500	0.0
7	B	16	3.9	-5.6	15	-3.5	-5.6	4	0.750	6.000	8.000	0.500	0.0

BUILDING A

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	 INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	7/11/24	FOR CONSTRUCTION	SDP	RD	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						DESCRIPTION Reactions OWNER OR PROJECT Antioch Church of Erwin CUSTOMER MCPHAIL METAL STRUCTURES JOBSITE LOCATION 494 ANTIOCH CHURCH RD ADDRESS 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 CAD BY ENCR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE SDP FR 7/11/24 N.T.S. 198812 (Rev) F3 of 5 0

DSN. APR.	APR. DATE
	

FRED F. RADFAR P.E.
 30 WINDERMERE LANE
 HOUSTON, TEXAS 77063
 fred@radfarpe.com
 NORTH CAROLINA LICENSE #010295 EXP. 12/31/24

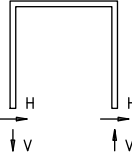
ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	---Live---		---Snow---		Snow_Drift		Wind_Press		Wind_Suct		Seis Long Vert
				Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
2	C.6	0.2	0.1	-0.1	0.6	-0.1	0.6	-0.1	1.0	-1.5	-1.0	2.0	-0.3	0.0
2	C.3	0.2	0.1	-0.1	0.6	-0.1	0.6	-0.1	1.0	-1.5	-1.0	2.0	-0.3	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Qty	Dia	Width	Length	Thick	
2	C.6	17	1.2	0.0	18	-0.9	-0.5	4	0.750	6.000	8.000	0.375	0.0
		19	-0.2	2.0									
2	C.3	17	1.2	0.0	18	-0.9	-0.5	4	0.750	6.000	8.000	0.375	0.0
		19	-0.2	2.0									

WIND BENT REACTIONS



Wall Loc	Line	Col Line	± Reactions Wind(k)		± Reactions Seismic(k)		Bolt(in)		Base_Plate(in)			Thick
			Horz	Vert	Horz	Vert	Qty	Dia	Width	Length	Thick	
F_SW	A	2	4.2	8.6	2.0	4.1	4	0.750	8.000	16.000	0.500	
F_SW	A	3	4.2	8.6	2.0	4.1	4	0.750	8.000	16.000	0.500	

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 75.0
- Length (ft) = 125.0
- Eave Height (ft) = 20.5/ 23.6
- Roof Slope (rise/12) = 0.5
- Dead Load (psf) = 2.5
- Collateral Load (psf) = 5.0
- Live Load (psf) = 20.0
- Snow Load (psf) = 7.7
- Wind Speed (mph) = 130.0
- Wind Code = NCBC 18
- Exposure = B
- Closure = Enclosed
- Importance Wind = N/A
- Importance Seismic = 1.25
- Seismic Zone = C
- Seismic Coeff (Fa+Ss) = 0.29

ID Description

- 1 Dead+Collateral+Live
- 2 Dead+0.6Wind_Left1
- 3 Dead+0.6Wind_Right1
- 4 Dead+Collateral+0.75Live+0.45Wind_Long2L
- 5 Dead+Collateral+0.75Live+0.45Wind_Long2R
- 6 0.6Dead+0.6Wind_Left1
- 7 0.6Dead+0.6Wind_Right1
- 8 0.6Dead+0.6Wind_Left2
- 9 0.6Dead+0.6Wind_Right2
- 10 0.6Dead+0.6Wind_Long1L
- 11 0.6Dead+0.6Wind_Long1R
- 12 1.02Dead+1.02Collateral+0.75Live+0.53Seismic_Left
- 13 Dead+Collateral+0.75Live+0.75Floor_Live
- 14 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
- 15 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
- 16 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
- 17 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
- 18 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
- 19 Dead+Collateral+Snow+Snow_Drift

BUILDING BRACING REACTIONS

Wall Loc	Line	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	2							(h)	
F_SW	A	2,3						(a)	
R_EW	7							(h)	
B_SW	D	3,2	7.9	6.2	3.9	3.1			

(a)Wind bent in bay
(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

BUILDING A

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

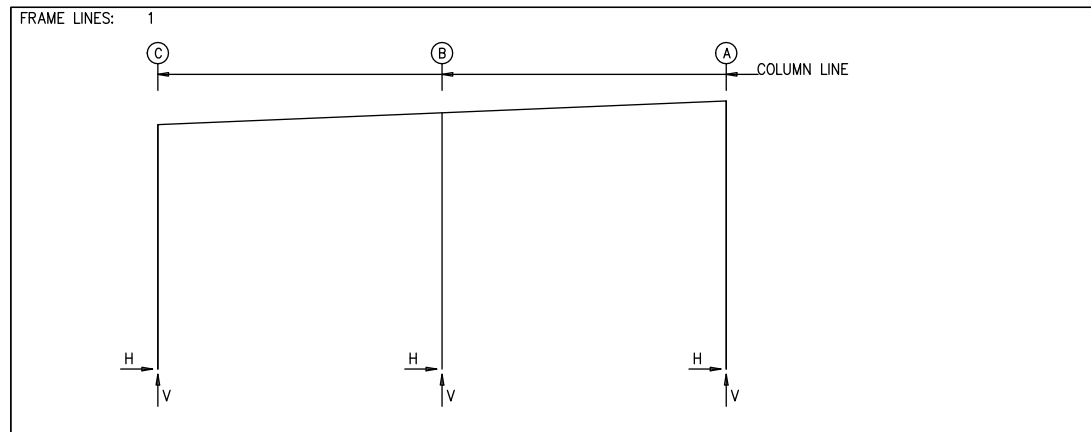
FRED F. RADFAR P.E.
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HOUSTON, TEXAS 77063
fred@radfarpe.com
NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



DSN. APR.	APR. DATE
-----------	-----------

DRAWING STATUS		REVISIONS				Inland BUILDINGS	INLAND BUILDINGS			
NO.	DATE	DESCRIPTION	BY	CK'D	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606	FAX: 800.438.1626	www.inlandbuildings.com	
<input type="checkbox"/>	0	7/11/24	FOR CONSTRUCTION	SDP	RD					
<input type="checkbox"/>										
<input type="checkbox"/>										
<input checked="" type="checkbox"/>										

OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
198812			F4 of 5
ISSUE			0



NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	50.0
Length (ft)	=	25.0
Eave Height (ft)	=	21.5/ 23.6
Roof Slope (rise/12)	=	0.5
Dead Load (psf)	=	2.5
Collateral Load (psf)	=	5.0
Live Load (psf)	=	20.0
Snow Load (psf)	=	7.7
Wind Speed (mph)	=	130.0
Wind Code	=	NCBC 18
Exposure	=	B
Closure	=	Enclosed
Importance Wind	=	N/A
Importance Seismic	=	1.25
Seismic Zone	=	C
Seismic Coeff (F _a S _s)	=	0.29

ID Description

- 1 Dead+Collateral+Live
- 2 Dead+0.6Wind_Left1
- 3 Dead+0.6Wind_Right1
- 4 0.6Dead+0.6Wind_Left1
- 5 0.6Dead+0.6Wind_Right1
- 6 0.6Dead+0.6Wind_Left2
- 7 0.6Dead+0.6Wind_Right2
- 8 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
- 9 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax	V Vmax	Load Id	Hmin	V Vmin			Width	Length	Thick	
1	C	3	2.0	0.1	6	-2.2	-1.6	4	0.750	6.000	13.00	0.500	0.0
		1	0.5	4.7	4	-1.6	-2.6						
1	A	7	2.6	-1.1	2	-1.8	-0.5	4	0.750	8.000	13.00	0.500	0.0
		1	-0.5	5.0	5	2.1	-2.0						
1	B	8	4.9	-5.3	9	-4.4	-5.3	4	0.750	6.000	8.500	0.500	0.0
		1	0.0	10.0	4	0.0	-4.7						

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	C	0.1	0.8	0.1	0.8	0.3	3.1	0.1	1.2	-2.7	-5.1	3.2	-1.2
1	A	-0.1	1.1	-0.1	0.8	-0.3	3.1	-0.1	1.2	-2.9	-2.7	3.5	-4.5
1	B	0.0	1.5	0.0	1.7	0.0	6.8	0.0	2.6	0.0	-9.4	0.0	-4.7

Frame Line	Column Line	---Wind_Left2---		---Wind_Right2---		---Wind_Press---		---Wind_Suct---		---Wind_Long1---		---Wind_Long2---	
		Horz	Vert	Horz	Vert	HorzOP	Vert	HorzOP	Vert	Horz	Vert	Horz	Vert
1	C	-3.7	-3.5	2.2	0.5	0.0	0.0	0.0	0.0	1.7	-3.8	1.7	-2.6
1	A	-2.0	-1.1	4.5	-2.9	0.0	0.0	0.0	0.0	-1.5	-3.9	-1.8	-2.5
1	B	0.0	-6.6	0.0	-1.9	-7.4	0.0	8.1	0.0	0.0	-6.9	0.0	-4.1

Frame Line	Column Line	---Seismic_Left---		---Seismic_Right---		---Seismic_Long---		F1PAT_SL_1---		F1PAT_SL_2---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	C	-0.3	-0.2	0.3	0.2	0.0	0.0	0.0	0.6	0.0	0.0
1	A	-0.3	0.3	0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.6
1	B	0.0	-0.1	0.0	0.1	0.1	0.0	0.0	0.7	0.0	0.6

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A							(j)
R_EW	2							(j)
B_SW	C							(j)

(h) Rigid frame at endwall
(j) Longitudal Bracing Forces Transferred To Bldg. A

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

BUILDING B

DSN. APR.	APR. DATE
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NORTH CAROLINA LICENSE #010295 EXP. 12/31/24

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

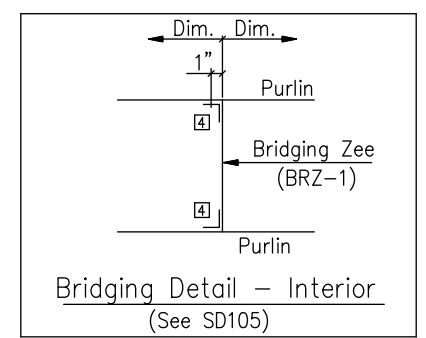
DRAWING STATUS		REVISIONS				INLAND BUILDINGS		INLAND BUILDINGS							
<input type="checkbox"/>	FOR APPROVAL. THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	Inland BUILDINGS	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606		FAX: 800.438.1626		www.inlandbuildings.com	
<input type="checkbox"/>	FOR PERMIT. THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	7/11/24	FOR CONSTRUCTION	SDP	RD		DESCRIPTION Reactions		SIZE	REFER TO C1		OWNER OR PROJECT Antioch Church of Erwin		CUSTOMER MCPHAIL METAL STRUCTURES
<input type="checkbox"/>	FOR CONSTRUCTION. FINAL DRAWINGS.						JOB SITE LOCATION 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470		ADDRESS 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE		SDP FR 7/11/24 N.T.S. 198812 (Rev) F5 of 5 0		

EXTENSION/CANOPY BOLTS					
ROOF PLAN					
MARK	QUAN	TYPE	DIA	LENGTH	
EB-1	8	A325	5/8"	1 3/4"	
EB-2	8	A325	5/8"	1 3/4"	

SPECIAL BOLTS					
ROOF PLAN					
Q ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

MEMBER TABLE	
ROOF PLAN	
MARK	PART
BUILDING A	
EB-1	W8X10
EB-2	W8X10
P-1	8X25Z12
P-2	8X25Z14
P-3	8X25Z16
P-4	8X25Z12
P-5	8X25Z14
P-6	8X25Z14
P-6A	8X25Z14
P-7	8X25Z16
E-1	8E14
E-2	8E14
E-3	8E14
E-4	8X35C16
E-6	8E14
CB-2	CB0313
CB-3	CB0313
CB-4	CB0250
CB-5	CB0313
CB-6	CB0250
SSL-10	SSL-10
BB-1	W8X18
BB-2	W8X18
SI-1	BRZ-1
BUILDING B	
P-100	8X35Z12
E-100	8E14
CB-100	CB0250
CB-101	CB0250
CB-102	CB0250

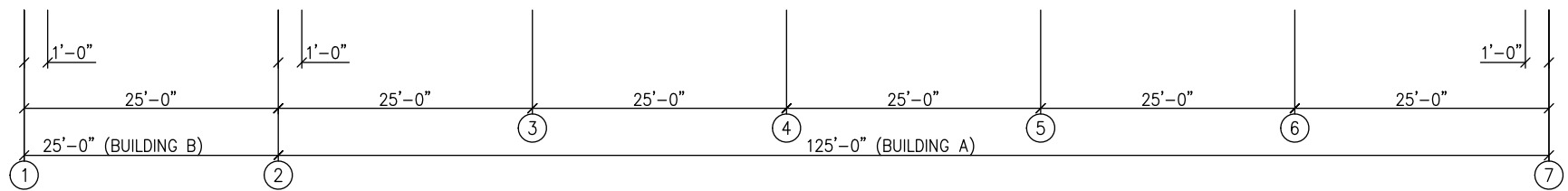
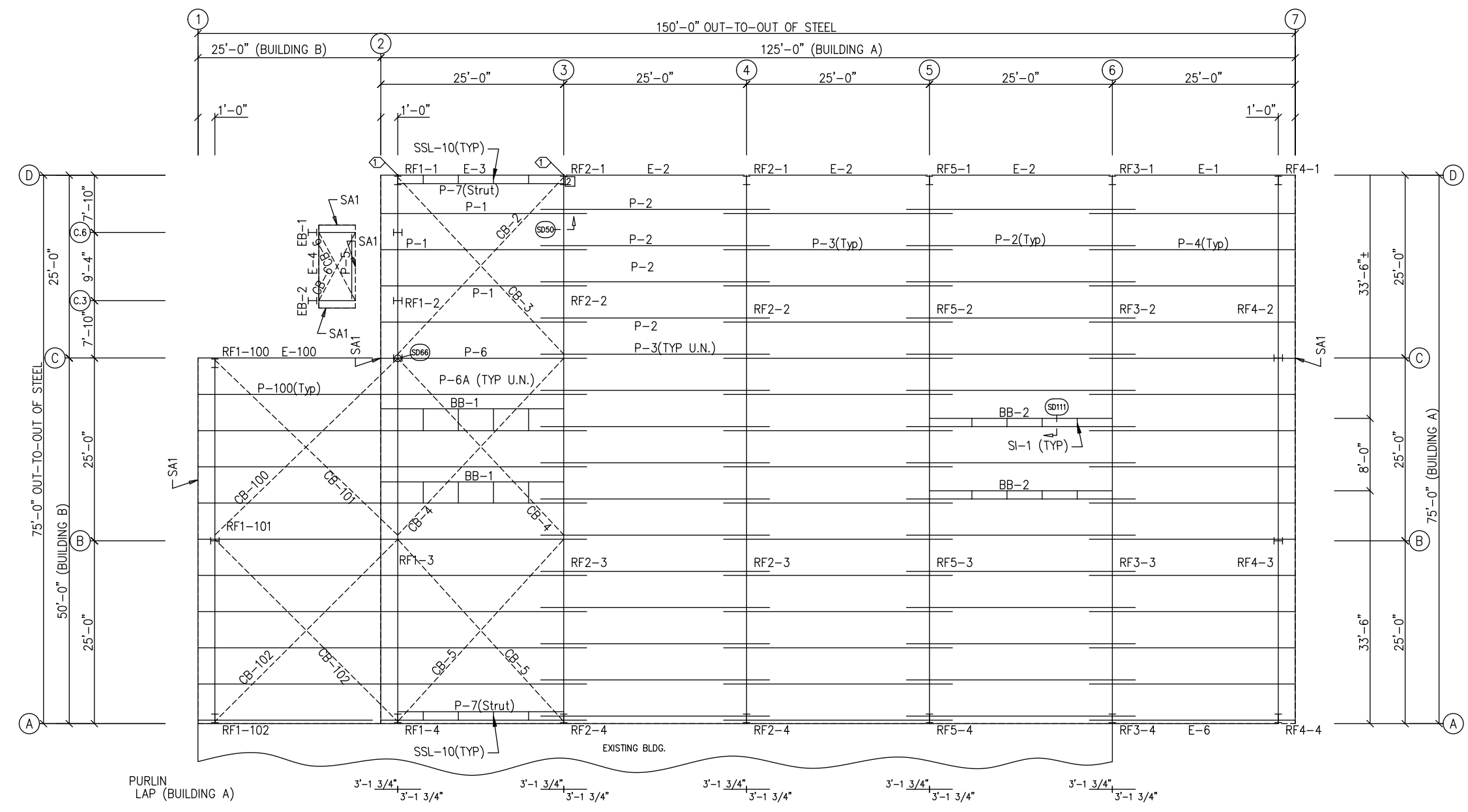
CONNECTION PLATES	
ROOF PLAN	
QID	MARK/PART
1	1 J1
2	CL-18
3	1 J100
4	BRC-7



DSN. APR.	APR. DATE
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ROOF FRAMING PLAN

GENERAL NOTES:
ZEE'S HAVE UNEQUAL FLANGES FOR EASIER INSTALLATION. THE LARGER FLANGE IS 1/4" WIDER THAN THE SMALL FLANGE. LAP THE SMALL FLANGE INSIDE THE LARGE FLANGE.

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

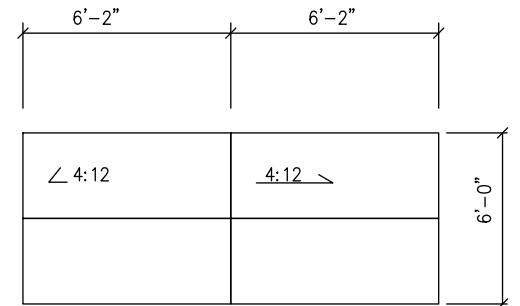
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

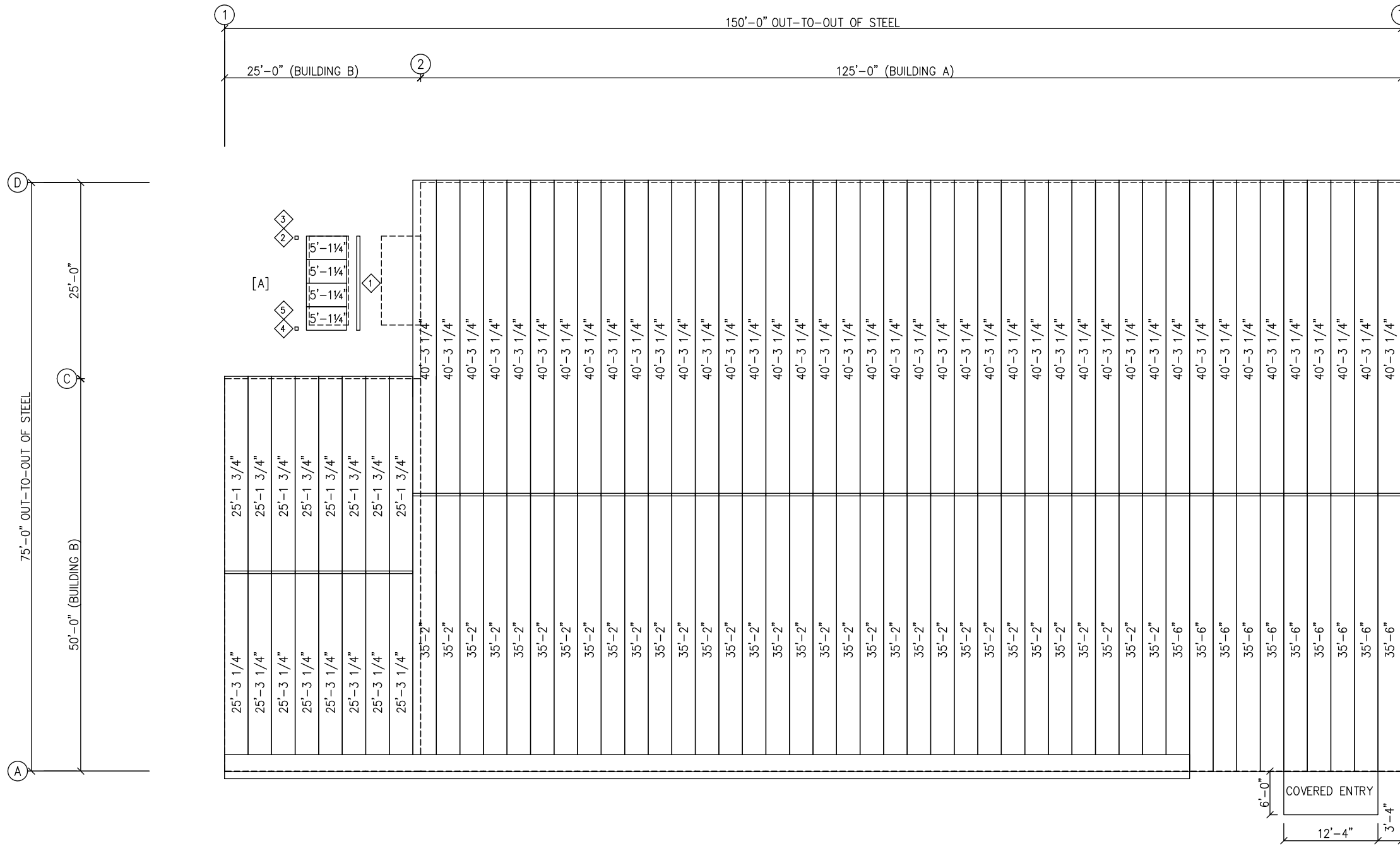
INLAND BUILDINGS		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION ROOF FRAMING PLAN		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812		E1 of 14	A

TRIM TABLE				
ROOF PLAN				
ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-65	11'-4"	
2	1	FL-172L	11'-2"	TD88
3	1	FL-329R	9 1/2"	TD328
4	1	FL-172R	11'-2"	
5	1	FL-329L	9 1/2"	

EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-1	8	A325	5/8"	1 3/4"
EB-2	8	A325	5/8"	1 3/4"



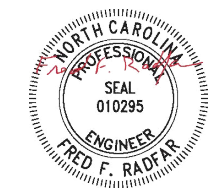
NEW COVERED ENTRY
 PANELS: 26 Ga. PBR - TBD



ROOF SHEETING PLAN
 PANELS: 26 Ga. PBR - Galvalume

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 NORTH CAROLINA LICENSE
 #010295 EXP. 12/31/24



GENERAL NOTES:
 ZEES HAVE UNEQUAL FLANGES FOR EASIER INSTALLATION.
 THE LARGER FLANGE IS 1/4" WIDER THAN THE SMALL FLANGE.
 LAP THE SMALL FLANGE INSIDE THE LARGE FLANGE.

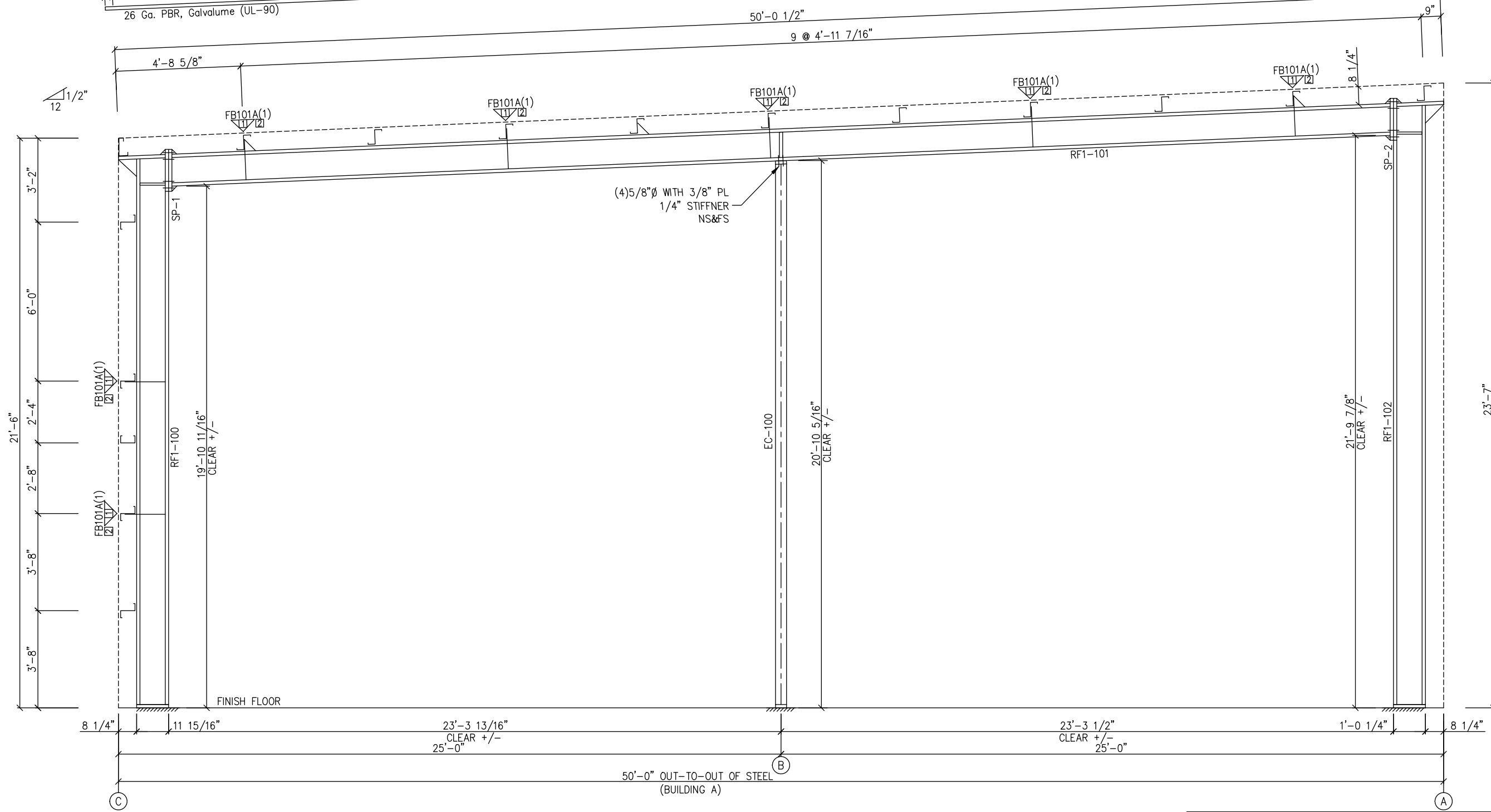
DRAWING STATUS		REVISIONS		INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP RD
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.				
		INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		BUILDINGS DESCRIPTION ROOF FRAMING PLAN OWNER OR PROJECT Antioch Church of Erwin CUSTOMER MCPHAIL METAL STRUCTURES JOBSITE LOCATION 494 ANTIOCH CHURCH RD ADDRESS 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE SDP FR 7/11/24 N.T.S. 198812 (Rev) E2 of 14 A	

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	A325	5/8"	2"	6"	3/8"	1'-6 3/16"	EC-100	4	A325	5/8"	1 1/2"
SP-2	4	4	0	A325	5/8"	2 1/2"	8"	1/2"	1'-6 3/16"					

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-100	W12X14	20'-10 1/16"
RF1-101	W12X14	46'-7"
RF1-102	W12X40	22'-10 3/8"
EC-100	W8X15	20'-10 3/8"

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



MAIN FRAME ELEVATION: FRAME LINE 1

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DSN. APR.	APR. DATE
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GENERAL NOTES:
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

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DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

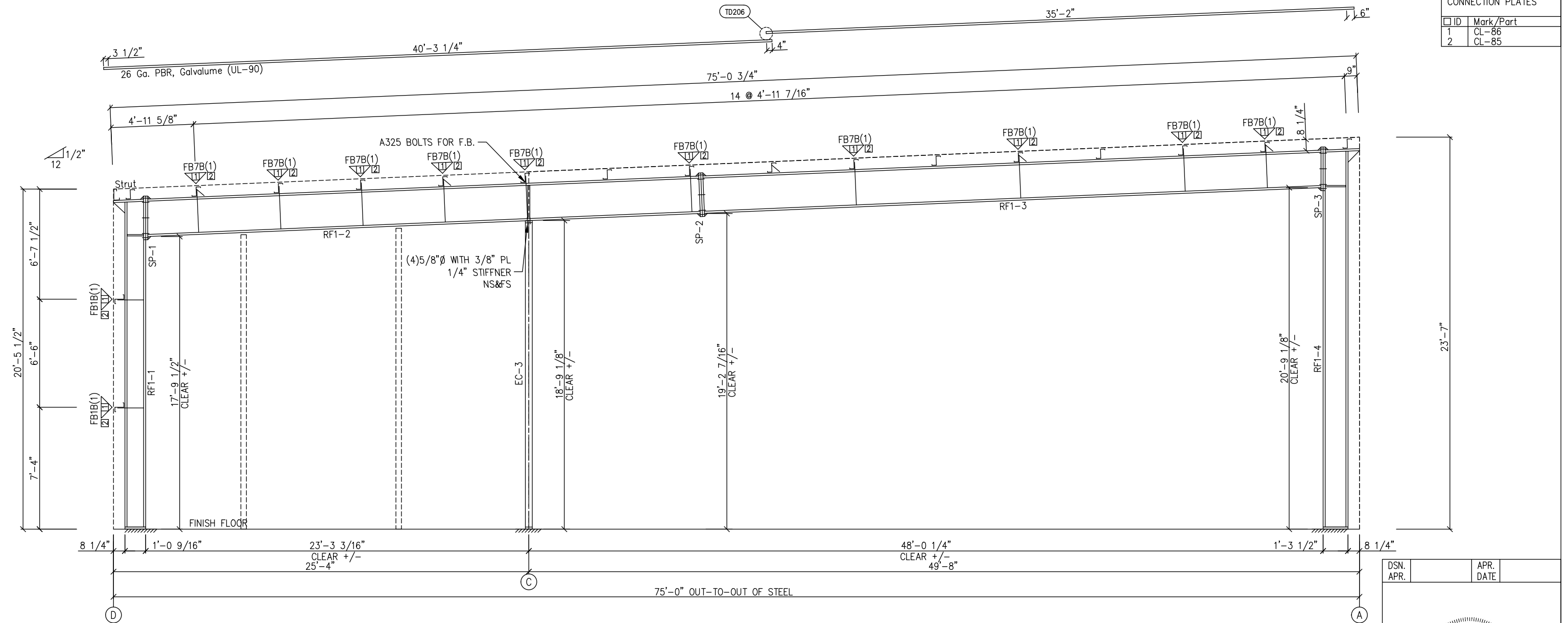
INLAND BUILDINGS		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION CROSS SECTION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(Rev)	E3 of 14	A

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	5/8"	1 3/4"	6"	3/8"	2'-6 7/8"	EC-3	4	A325	5/8"	2"
SP-2	4	4	2	A325	5/8"	1 3/4"	6"	3/8"	2'-6 13/16"					
SP-3	4	4	2	A325	5/8"	2"	8"	1/2"	2'-6 13/16"					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	
RF1-1	12.0/12.0	0.164	237.3			6 x 1/4" x 236.8	6 x 5/16" x 209.9	
	12.0/12.0	0.164				6 x 1/4" x 20.5		
RF1-2	24.0/24.0	0.164	240.0			6 x 5/16" x 300.0	6 x 3/8" x 301.0	
	24.0/24.0	0.164	49.0			6 x 1/4" x 103.0	6 x 5/16" x 103.0	
RF1-3	24.0/24.0	0.188	115.0					
	24.0/24.0	0.164	240.0			6 x 5/16" x 451.3	6 x 1/4" x 348.0	
RF1-4	24.0/24.0	0.164	211.3					
	15.0/15.0	0.164	30.7			8 x 1/4" x 23.5	6 x 5/16" x 102.3	
EC-3	15.0/15.0	0.135	240.0			8 x 1/4" x 273.6	8 x 1/4" x 245.6	
	W8X18	0.135						

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 B - 2X2X1/8

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 2

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 30 WINDERMERE LANE
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 NORTH CAROLINA LICENSE
 #010295 EXP. 12/31/24



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DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	OWNER OR PROJECT	SIZE	REFER TO C1
					Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
					494 ANTIOCH CHURCH RD	ADDRESS	1478 CARROLL STORE ROAD
					DUNN, NC 28334-6470	LOCATION	AUTRYVILLE, NC 28318
						CAD BY	
						ENGR BY	
						DATE	
						SCALE	
						JOB NO.	
						PH BLDG. DESC.	
						SHEET NO.	
						ISSUE	

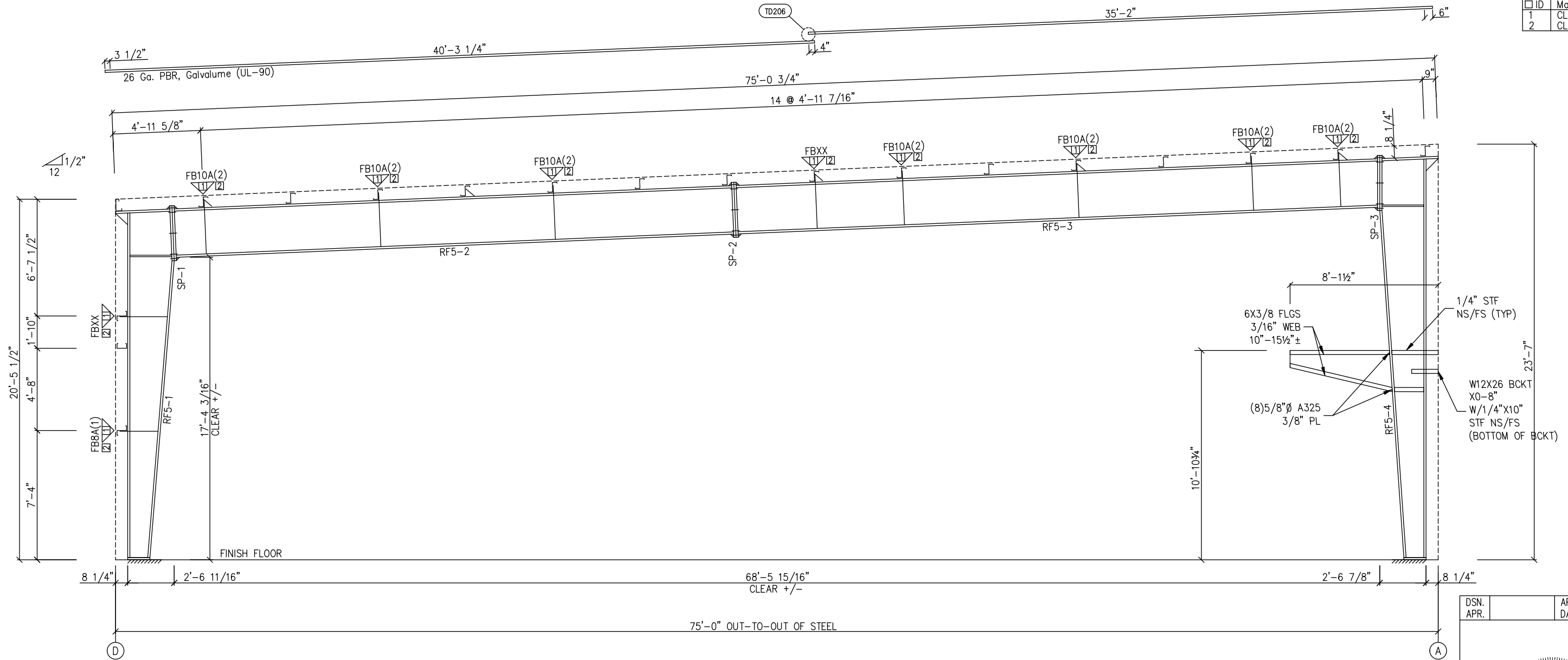
GENERAL NOTES:
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	2	A325	7/8"	2 1/2"	8"	5/8"	3'-0 7/8"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	3'-0 3/4"
SP-3	4	4	2	A325	7/8"	2 1/2"	10"	5/8"	3'-0 7/8"

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length		
RF5-1	12.0/30.0	0.188	204.6		8 x 5/16" x 236.8	8 x 3/8" x 205.3		
	30.0/28.6	0.250	33.4		8 x 5/16" x 37.2			
RF5-2	30.0/30.0	0.250	142.2		8 x 5/16" x 382.2	8 x 3/8" x 154.2		
	30.0/30.0	0.188	240.0			8 x 1/4" x 228.0		
RF5-3	30.0/30.0	0.188	240.0		8 x 5/16" x 252.0	8 x 1/4" x 228.0		
	30.0/30.0	0.250	199.2		8 x 1/4" x 187.2	8 x 3/8" x 210.0		
RF5-4	30.0/30.0	0.313	34.7		10 x 5/16" x 38.6	10 x 1/2" x 131.2		
	30.0/21.0	0.188	238.8		10 x 3/8" x 273.6	10 x 3/8" x 108.3		
	21.0/12.0	0.188						

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 5

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DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP	RD	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						DESCRIPTION CROSS SECTION OWNER OR PROJECT: Antioch Church of Erwin CUSTOMER: MCPHAIL METAL STRUCTURES JOBSITE LOCATION: 494 ANTIOCH CHURCH RD ADDRESS: 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 CAD BY: SDP ENGR BY: FR DATE: 7/11/24 SCALE: N.T.S. JOB NO.: 198812 PH BLDG. DESC.: SHEET NO.: E6 of 14 ISSUE: A

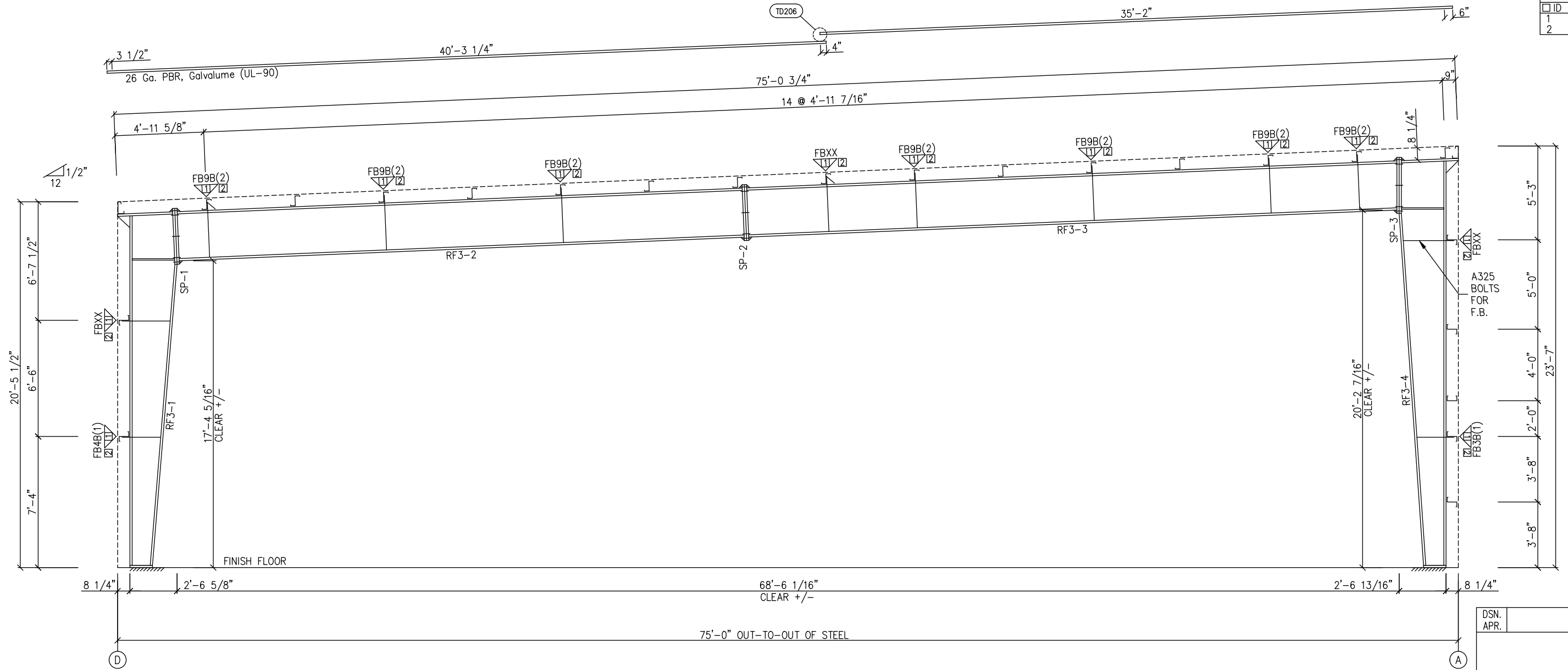
GENERAL NOTES:
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	7/8"	2 1/2"	8"	5/8"	3'-0 3/4"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	3'-0 3/4"
SP-3	4	4	2	A325	7/8"	2 1/2"	10"	5/8"	3'-0 7/8"

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 B - 2X2X1/8

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-1	12.0/30.0	0.188	204.7		8 x 1/4" x 236.8		8 x 3/8" x 205.4	
	30.0/28.6	0.250	33.4		8 x 1/4" x 37.1			
RF3-2	30.0/30.0	0.250	142.2		8 x 1/4" x 130.2		8 x 5/16" x 154.2	
	30.0/30.0	0.188	240.0		8 x 5/16" x 252.0		8 x 1/4" x 228.0	
RF3-3	30.0/30.0	0.188	240.0		8 x 5/16" x 252.0		8 x 1/4" x 228.0	
	30.0/30.0	0.250	199.3		8 x 1/4" x 187.3		8 x 3/8" x 210.0	
RF3-4	30.0/30.0	0.313	34.7		10 x 5/16" x 38.6		10 x 1/2" x 131.2	
	30.0/21.0	0.188	118.9		10 x 5/16" x 273.6		10 x 3/8" x 108.3	
	21.0/12.0	0.164	120.0					

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 6

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DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	NO.	DATE	DESCRIPTION
	7/11/24	FOR PERMIT	SDP	RD			

<input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	OWNER OR PROJECT	Antioch Church of Erwin	SIZE	REFER TO C1
<input checked="" type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	CUSTOMER	MCPHAIL METAL STRUCTURES
<input type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.	CAD BY	SDP	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
	ENGR BY	FR	JOB NO.	198812
	DATE	7/11/24	PH BLDG. DESC.	(None)
	SCALE	N.T.S.	SHEET NO.	E7 of 14
			ISSUE	A

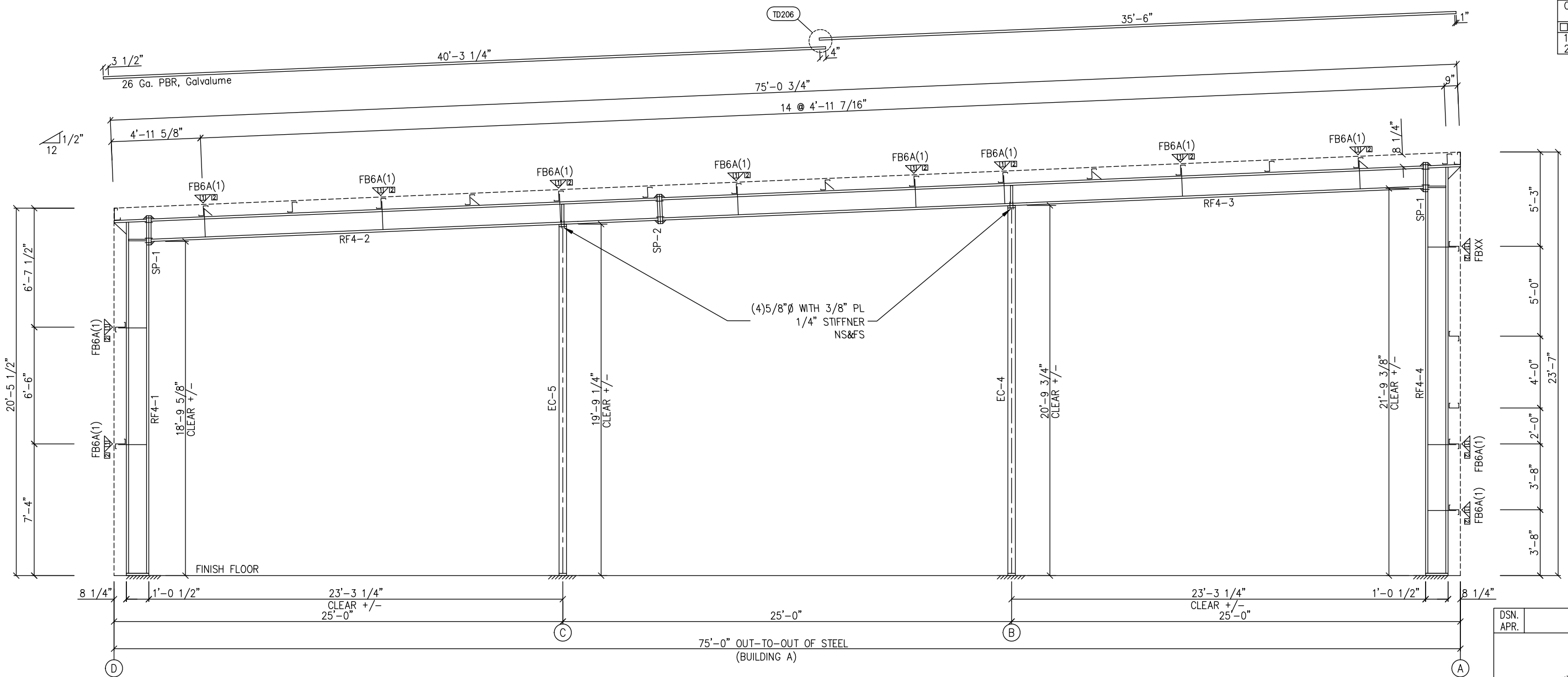
GENERAL NOTES:
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-6 3/4"	EC-5	4	A325	5/8"	1 1/2"
SP-2	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-6 3/4"	EC-4	4	A325	5/8"	1 1/2"

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	
RF4-1	12.0/12.0	0.135	222.0	0.164	15.4	6 x 1/4" x 236.8	6 x 1/4" x 222.0	
	12.0/12.0	0.135	240.0	0.135	103.7	6 x 1/4" x 20.5	5 x 1/4" x 343.2	
RF4-2	12.0/12.0	0.135	240.0	0.135	103.7	5 x 1/4" x 454.3	5 x 1/4" x 343.7	
	12.0/12.0	0.135	240.0	0.135	103.7	5 x 1/4" x 60.0	5 x 1/4" x 453.8	
RF4-3	12.0/12.0	0.135	240.0	0.135	34.3	5 x 1/4" x 20.5	5 x 1/4" x 60.0	
	12.0/12.0	0.135	240.0	0.135	33.6	6 x 1/4" x 273.6	6 x 1/4" x 257.7	
EC-5	W8X15							
EC-4	W8X15							

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 7

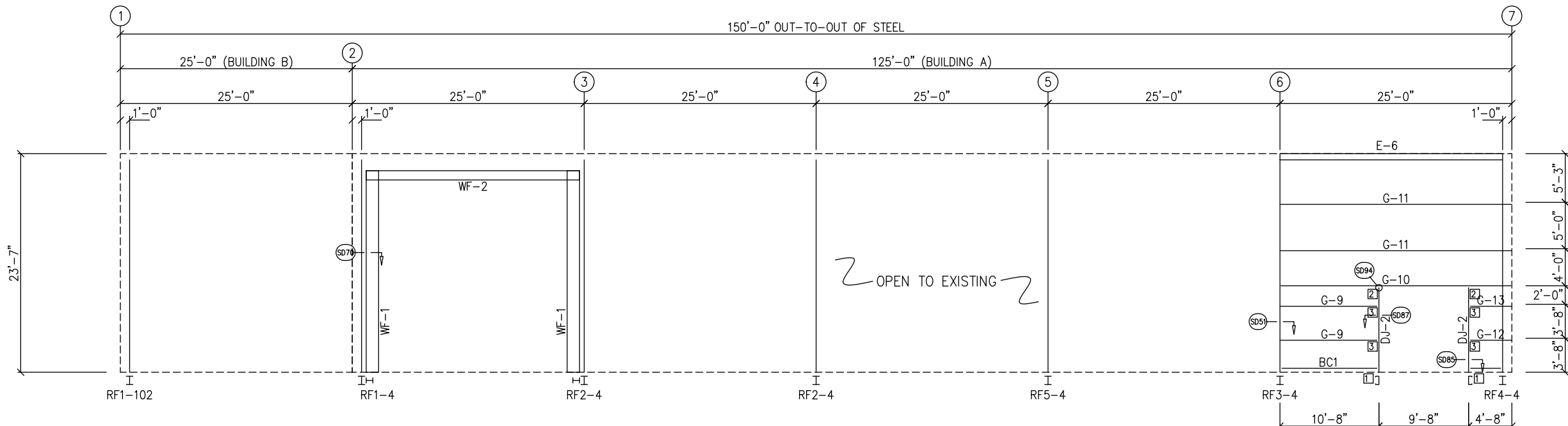
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DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	OWNER OR PROJECT	DESCRIPTION CROSS SECTION	SIZE REFER TO C1
1	7/11/24	FOR PERMIT	SDP	RD	Antioch Church of Erwin	Antioch Church of Erwin	MCPHAIL METAL STRUCTURES
<input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input checked="" type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input type="checkbox"/> FOR CONSTRUCTION: THESE DRAWINGS, BEING FOR CONSTRUCTION, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input type="checkbox"/> FINAL DRAWINGS.		INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		CUSTOMER: MCPHAIL METAL STRUCTURES ADDRESS: 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 JOB NO. 198812 PH BLDG. DESC. (Rev) SHEET NO. E8 OF 14 DATE 7/11/24 SCALE N.T.S. ISSUE A			

GENERAL NOTES:
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.



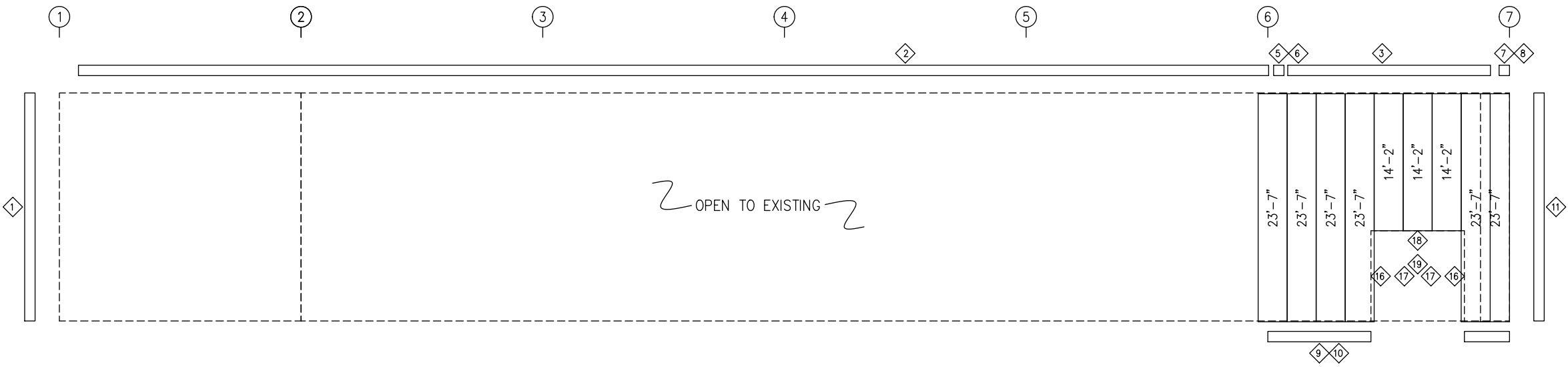
SIDEWALL FRAMING: FRAME LINE A

TRIM TABLE				
FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-82	11'-10"	TD106
2	1	SF-XX		
3	2	SF-XX		
4	2	SF-XX		
5	1	SF-XX		
6	1	SF-XX		
7	1	FL-184R	11'-2"	
8	1	FL-325R	8"	
9	1	FL-60	20'-2"	SD75
10	*	FL-60	SCRAP	SD75
11	2	FL-110	11'-11"	TD040
12	4	FL-184	20'-2"	TD522
13	1	FL-184	5'-0"	TD518
14	5	FL-241	20'-2"	
15	5	FL-381	20'-2"	
16	1	FL-55	9'-8"	
17	1	FL-48	9'-7"	TD051
18	1	FL-55	10'-0"	
19	1	FL-52	10'-0"	TD052

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
BW092303_Rev1				
WF-1 - WF-2	8	A325	7/8"	2 3/4"
WF-1 - RF1-4	10	A325	5/8"	1 1/2"
WF-1 - RF2-4	10	A325	5/8"	1 1/2"

MEMBER TABLE	
FRAME LINE A	
MARK	PART
BW092303_Rev1	
WF-1	W16851
WF-2	W12841
DJ-2	8X35C16
G-9	8X25Z16
G-10	8X35C12
G-11	8X25Z12
G-12	8X25Z16
G-13	8X25Z16
E-6	8EX

CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	CL-104
2	CL-100
3	CL-103



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR - BONE WHITE (KYNAR)

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DSN. APR.	APR. DATE
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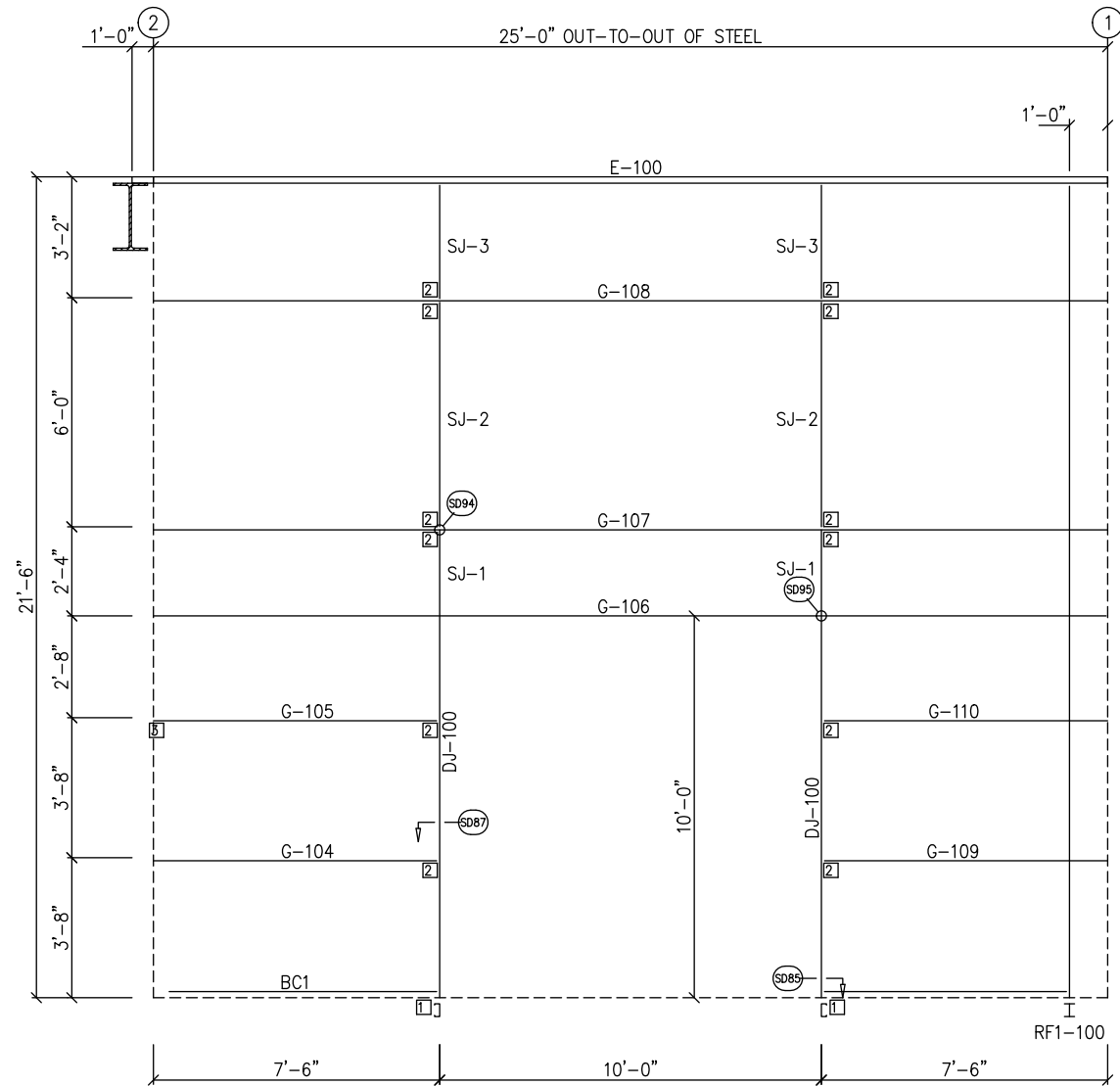
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

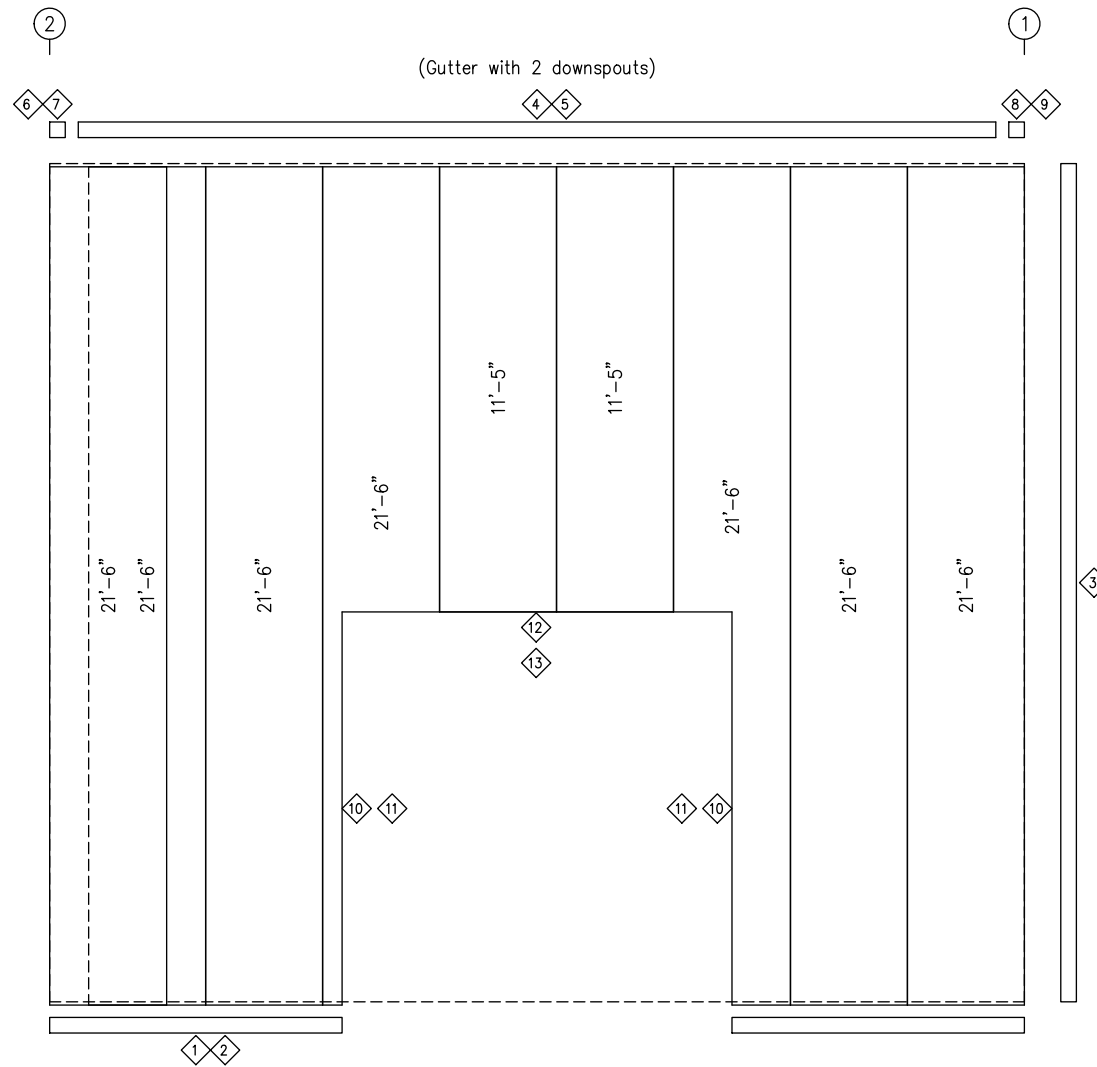
INLAND BUILDINGS		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION SIDEWALL ELEVATION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
198812		(Rev)	E9 of 14
ISSUE	A		

GENERAL NOTES:
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

TRIM TABLE				
FRAME LINE C				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD75
2	1	FL-60	20'-2"	SD75
3	2	FL-110	10'-10"	TD040
4	1	FL-170	5'-0"	TD515
5	2	FL-31	12'-7"	
6	1	FL-170L	11'-2"	
7	1	FL-183L	8"	TD088
8	1	FL-170R	11'-2"	TD595
9	1	FL-183R	8"	
10	1	FL-55	10'-2"	
11	1	FL-48	10'-3"	TD051
12	1	FL-55	10'-4"	
13	1	FL-52	10'-4"	TD052



SIDEWALL FRAMING: FRAME LINE C



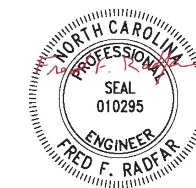
SIDEWALL SHEETING & TRIM: FRAME LINE C

PANELS: 26 Ga. PBR - Bone White (Kymar)

MEMBER TABLE	
FRAME LINE C	
MARK	PART
DJ-100	8X35C16
E-100	L8E14
G-104	8X25Z16
G-105	8X25Z16
G-106	8X25C12
G-107	8X25Z12
G-108	8X25Z12
G-109	8X25Z16
G-110	8X25Z16
SJ-1	8X35C16
SJ-2	8X35C16
SJ-3	8X35C16

CONNECTION PLATES	
FRAME LINE C	
ID	MARK/PART
1	CL-104
2	CL-103
3	r101

DSN. APR.	APR. DATE
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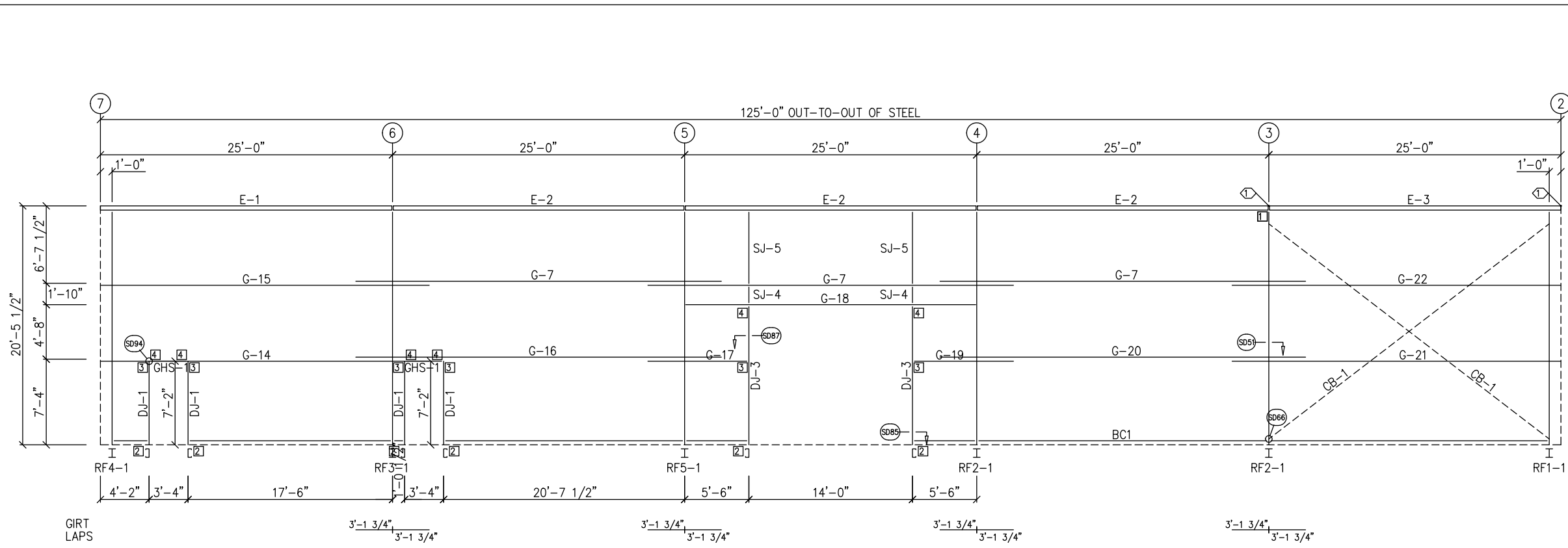
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DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
A	7/11/24	FOR PERMIT	SDP / RD

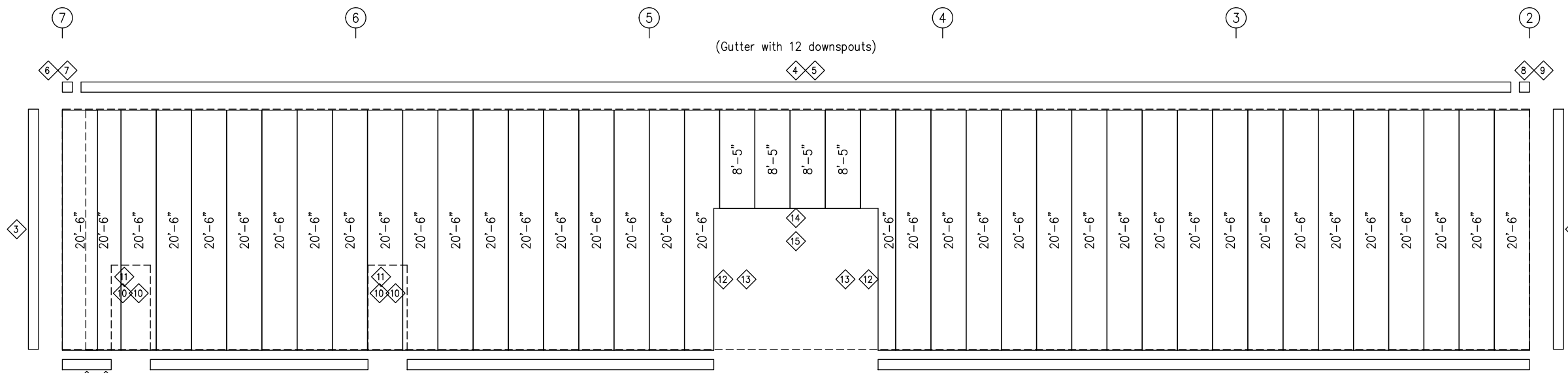
INLAND BUILDINGS		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION: SIDEWALL ELEVATION		SIZE: REFER TO C1	
OWNER OR PROJECT: Antioch Church of Erwin	CUSTOMER: MCPHAIL METAL STRUCTURES		
JOB SITE LOCATION: 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS: 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		
CAD BY: SDP	ENGR BY: FR	DATE: 7/11/24	SCALE: N.T.S.
JOB NO.: 198812	PH BLDG. DESC. (Rev)	SHEET NO.: E10f14	ISSUE: A

GENERAL NOTES:
 TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
 FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
 FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



SIDEWALL FRAMING: FRAME LINE D

(Gutter with 12 downsouts)



SIDEWALL SHEETING & TRIM: FRAME LINE D
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE D				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD75
2	6	FL-60	20'-2"	SD75
3	2	FL-110	10'-4"	TD040
4	6	FL-170	17'-8"	TD515
5	7	FL-31	18'-0"	
6	1	FL-170L	11'-2"	
7	1	FL-183L	8"	TD088
8	1	FL-170R	11'-2"	TD595
9	1	FL-183R	8"	
10	1	FL-48	7'-5"	TD051
11	1	FL-52	3'-8"	TD052
12	1	FL-55	12'-2"	
13	1	FL-48	12'-3"	TD051
14	1	FL-55	14'-4"	
15	1	FL-52	14'-4"	TD052

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

CONNECTION PLATES	
FRAME LINE D	
ID	MARK/PART
1	CL-18
2	CL-104
3	CL-103
4	CL-100

MEMBER TABLE	
FRAME LINE D	
MARK	PART
DJ-1	8X35C16
DJ-3	8X35C16
GHS-1	13.875X14Ga.
E-1	L8E14
E-2	L8E14
E-3	L8E14
G-7	8X25Z16
G-14	8X35Z14
G-15	8X25Z14
G-16	8X35Z16
G-17	8X35Z16
G-18	8X25C16
G-19	8X35Z16
G-20	8X35Z16
G-21	8X35Z14
G-22	8X25Z14
CB-1	CB0500
SJ-4	8X35C16
SJ-5	8X35C16

DSN. APR.	APR. DATE
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HOUSTON, TEXAS 77063
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NORTH CAROLINA LICENSE
#010295 EXP. 12/31/24

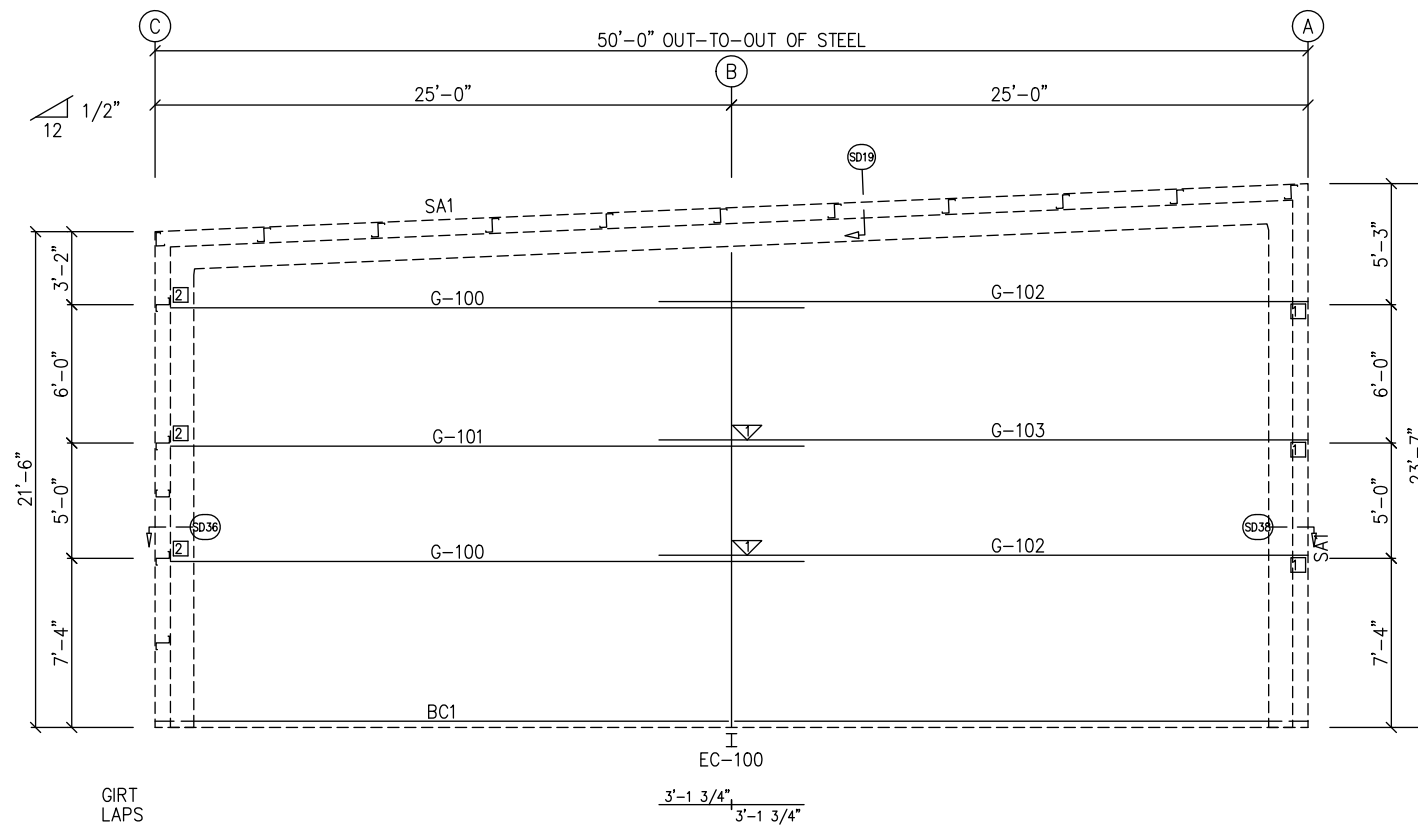
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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

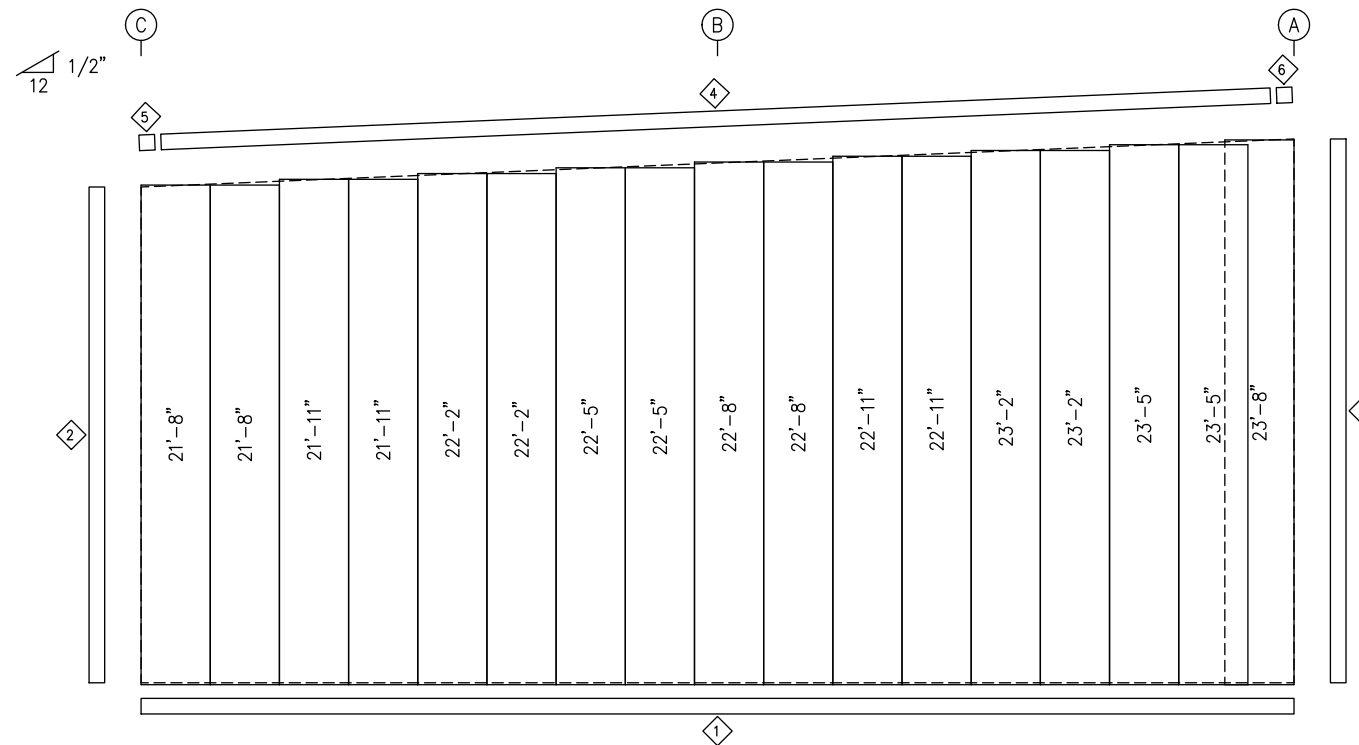
REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

INLAND BUILDINGS		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION SIDEWALL ELEVATION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(Rev)	E11of 14	A

GENERAL NOTES:
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 1				
QID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	20'-2"	SD75
2	2	FL-110	10'-10"	TD040
3	2	FL-82	11'-10"	TD106
4	3	FL-175	13'-6"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD088

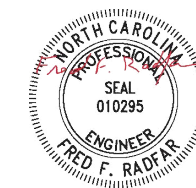
BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 1		
QID	MARK	LENGTH
1	FB100A	2'-9"

CONNECTION PLATES	
FRAME LINE 1	
QID	MARK/PART
1	d100
2	CL-64

MEMBER TABLE	
FRAME LINE 1	
MARK	PART
EC-100	W8X15
G-100	8X25Z14
G-101	8X35Z14
G-102	8X25Z14
G-103	8X35Z14

DSN. APR.	APR. DATE
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fred@radfarpe.com
NORTH CAROLINA LICENSE
#010295 EXP. 12/31/24

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REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

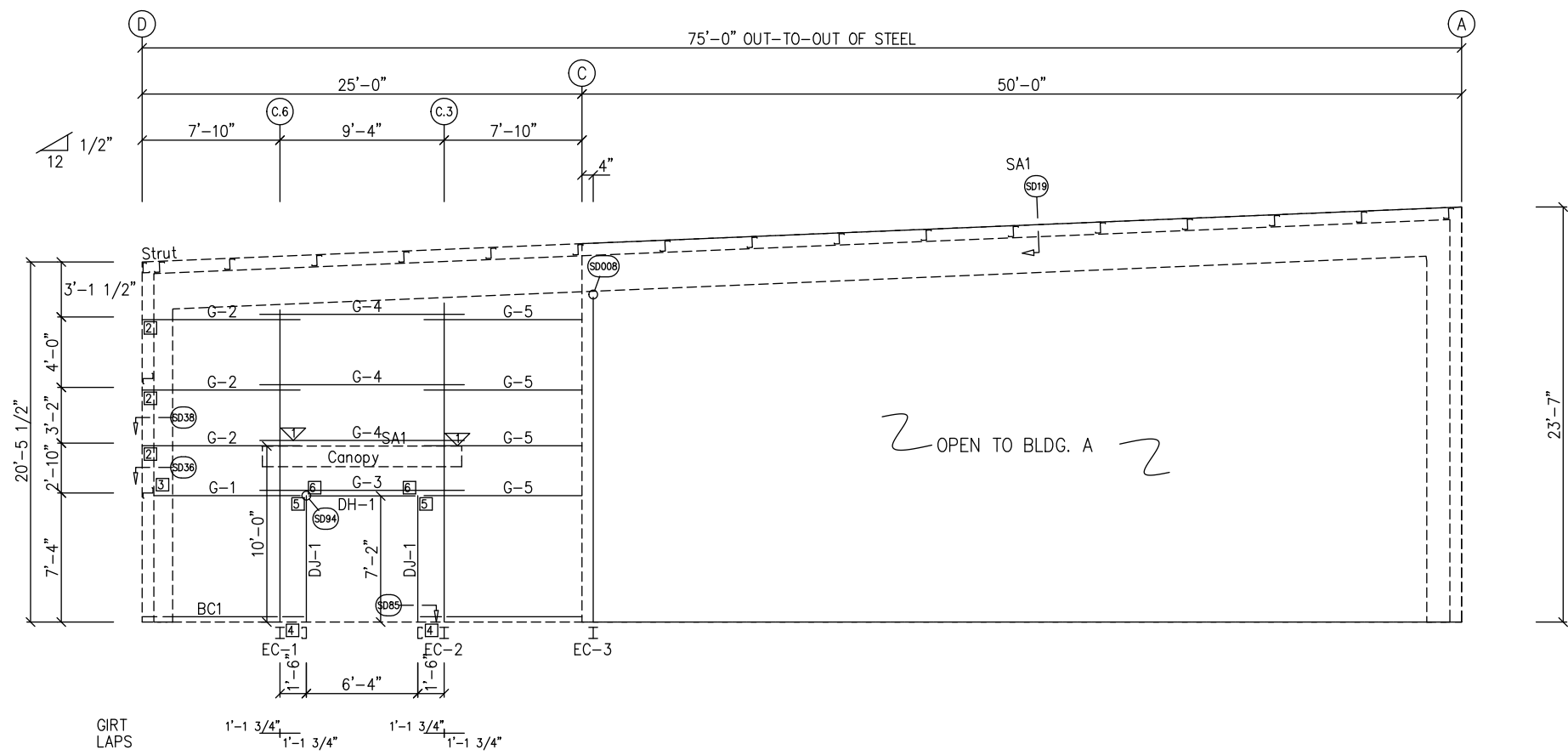
INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
DESCRIPTION	ENDWALL ELEVATION	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
198812			E12of 14
ISSUE	A		

DN19

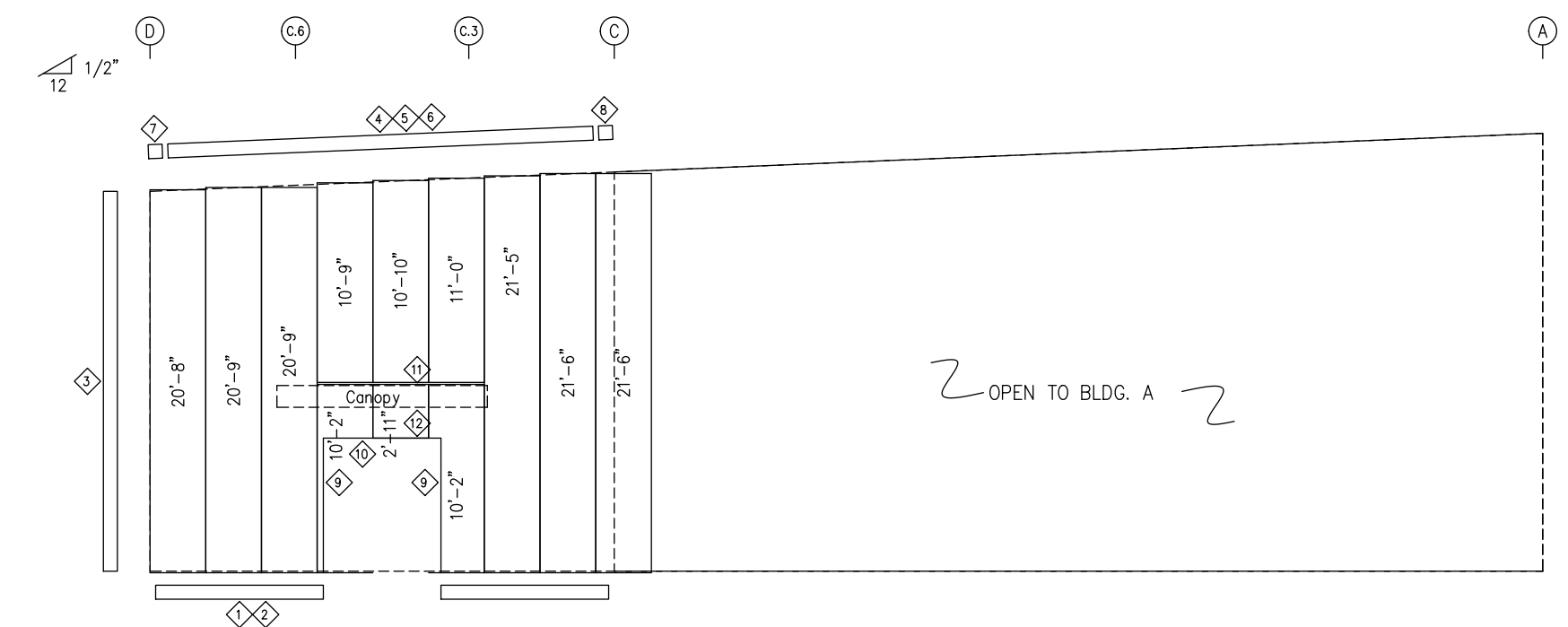
The framing as shown at this elevation is not designed for future expansion. Corresponding frame reactions are calculated based upon actual tributary area.

GENERAL NOTES:

TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL. FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS. FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS. BEVELCUT ENDWALL PANELS AS REQUIRED. FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 2



ENDWALL SHEETING & TRIM: FRAME LINE 2
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 2				
QID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	20'-2"	SD75
2	*	FL-60	SCRAP	SD75
3	2	FL-110	10'-4"	TD040
4	1	FL-175	15'-1"	TD535
5	3	FL-175	13'-6"	TD525
6	3	FL-78	16'-10"	
7	1	FL-175L	11'-2"	TD302
8	1	FL-175R	11'-2"	TD088
9	1	FL-48	7'-5"	TD051
10	1	FL-52	6'-8"	TD052
11	1	FL-65	11'-4"	
12	1	FL-91	11'-4"	TD225

BOLT TABLE				
FRAME LINE 2				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-1/FRAME	2	A325	5/8"	1 1/4"
EC-2/FRAME	2	A325	5/8"	1 1/4"
EC-3/FRAME	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 2		
VID	MARK	LENGTH
1	FB5A	2'-9"

CONNECTION PLATES	
FRAME LINE 2	
QID	MARK/PART
1	j1
2	d1
3	CL-64
4	CL-104
5	CL-103
6	CL-100

MEMBER TABLE	
FRAME LINE 2	
MARK	PART
EC-1	W8X18
EC-2	W8X18
EC-3	W8X18
DJ-1	8X35C16
DH-1	8X25C16
G-1	8X25Z16
G-2	8X25Z16
G-3	8X25Z16
G-4	8X25Z16
G-5	8X25Z16

DSN. APR.	APR. DATE
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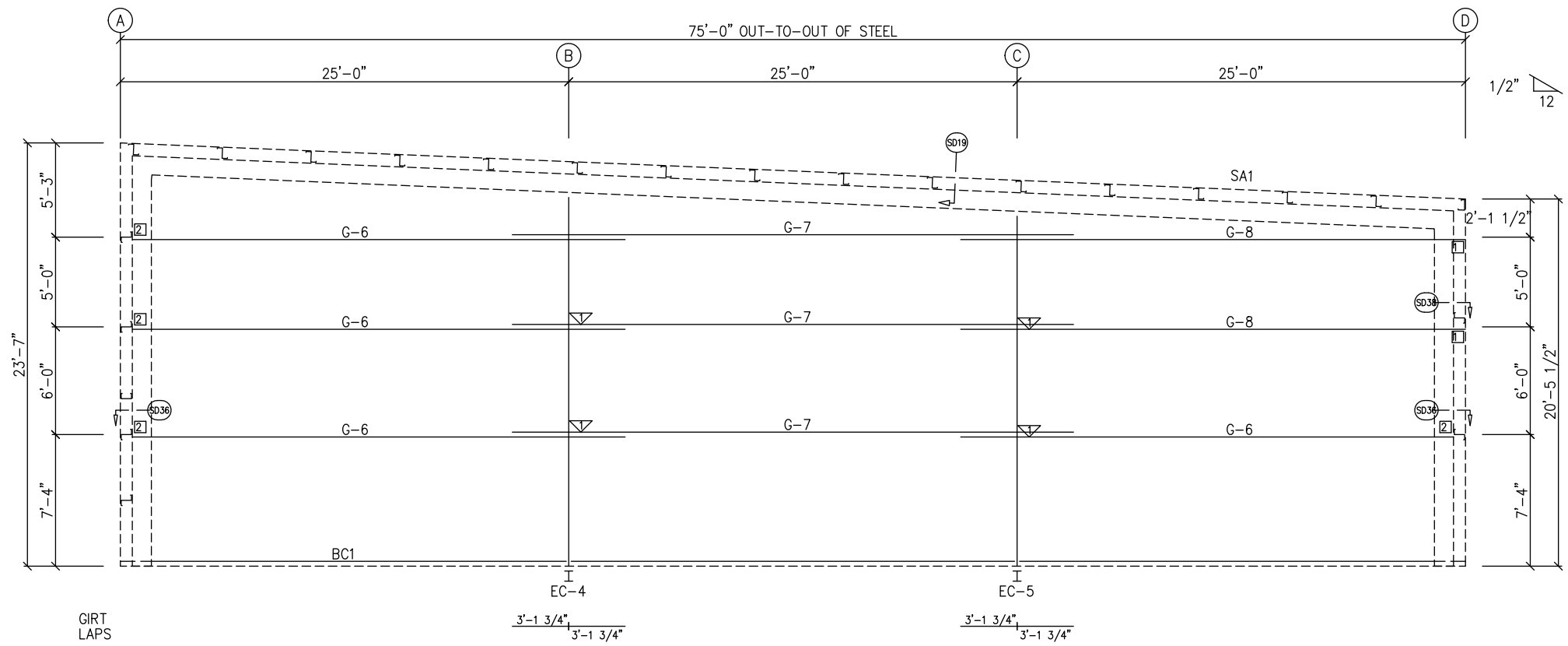
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DRAWING STATUS	
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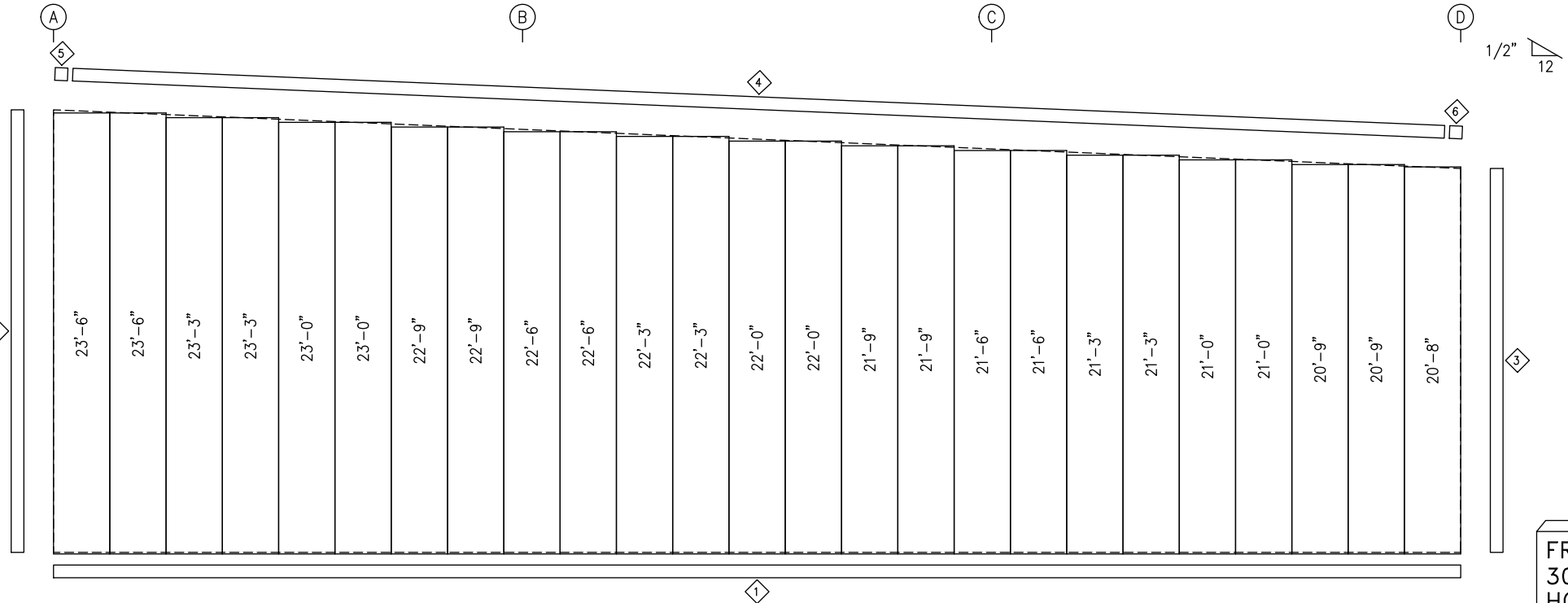
REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
A	7/11/24	FOR PERMIT	SDP / RD

INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
DESCRIPTION	ENDWALL ELEVATION	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
198812		(none)	E13 of 14
ISSUE	A		

GENERAL NOTES:
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
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BEVELCUT ENDWALL PANELS AS REQUIRED.
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 7



ENDWALL SHEETING & TRIM: FRAME LINE 7

PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 7				
ID	QUAN	PART	LENGTH	DETAIL
1	4	FL-60	20'-2"	SD75
2	2	FL-110	11'-11"	TD040
3	2	FL-110	10'-4"	TD040
4	4	FL-175	16'-5"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD088

BOLT TABLE				
FRAME LINE 7				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 7		
ID	MARK	LENGTH
1	FB5A	2'-9"

CONNECTION PLATES		
FRAME LINE 7		
ID	MARK/PART	
1	d1	
2	CL-64	

MEMBER TABLE	
FRAME LINE 7	
MARK	PART
EC-4	W8X15
EC-5	W8X15
G-6	8X25Z12
G-7	8X25Z16
G-8	8X25Z12

DN19
The framing as shown at this elevation is not designed for future expansion. Corresponding frame reactions are calculated based upon actual tributary area.

GENERAL NOTES:
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
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BEVELCUT ENDWALL PANELS AS REQUIRED.
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REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
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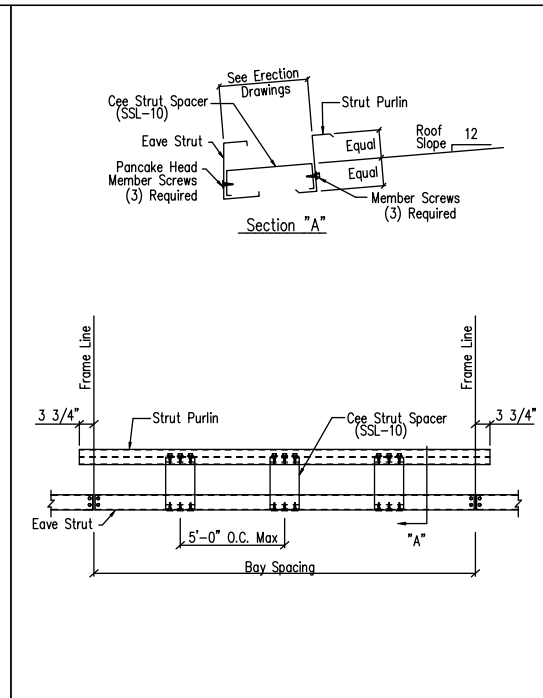
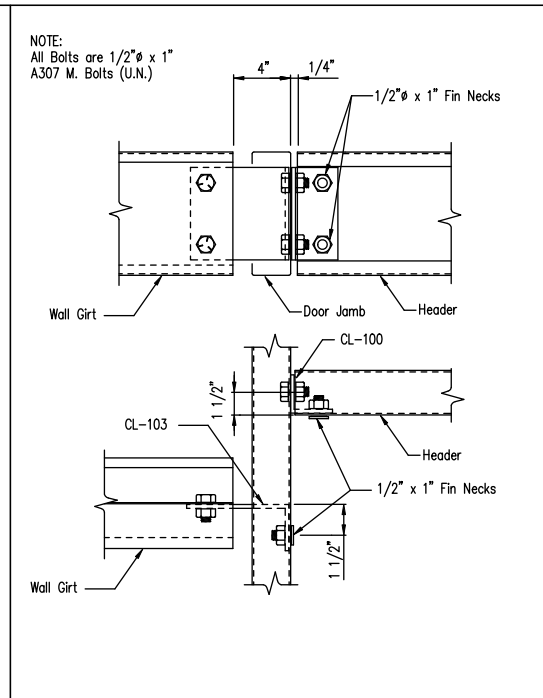
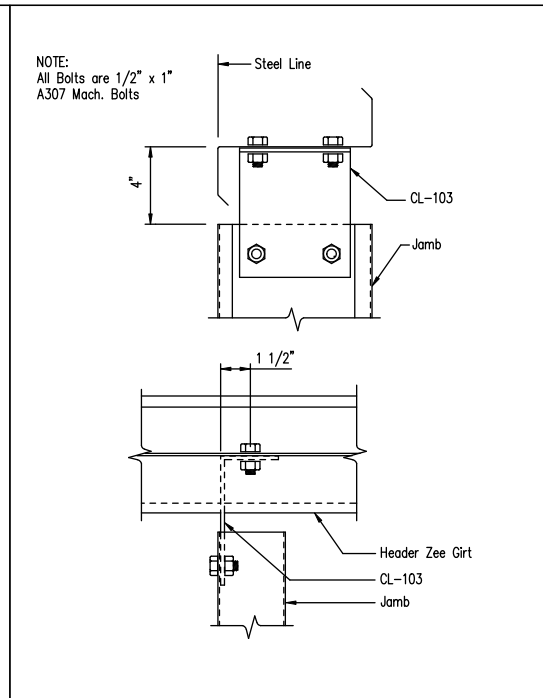
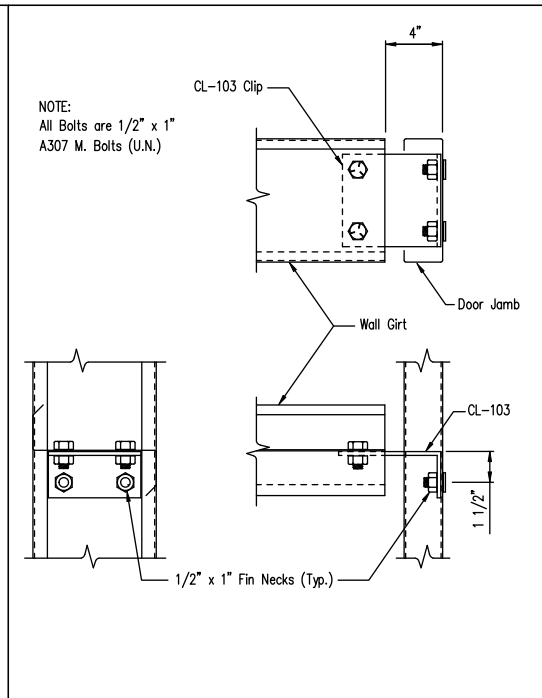
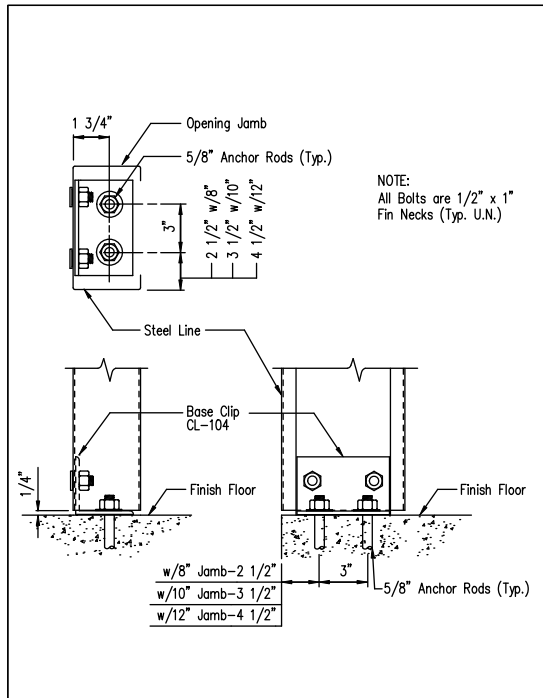
INLAND BUILDINGS
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
PHONE: 800.438.1606
FAX: 800.438.1626
www.inlandbuildings.com

DESCRIPTION: ENDWALL ELEVATION
OWNER OR PROJECT: Antioch Church of Erwin
JOB SITE LOCATION: 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470
CUSTOMER: MCPHAIL METAL STRUCTURES
ADDRESS: 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY: SDP ENGR BY: FR DATE: 7/11/24 SCALE: N.T.S. JOB NO.: 198812 PH BLDG. DESC.: SHEET NO.: E14of 14 ISSUE: A

FRED F. RADFAR P.E.
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HOUSTON, TEXAS 77063
fred@radfarpe.com
NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



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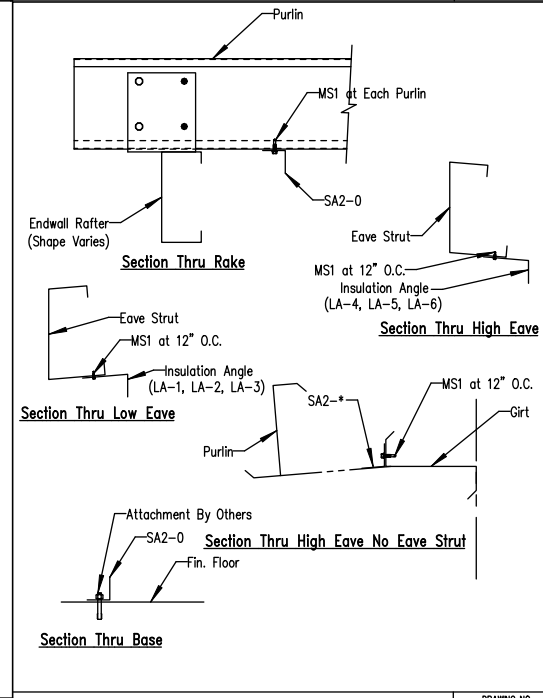
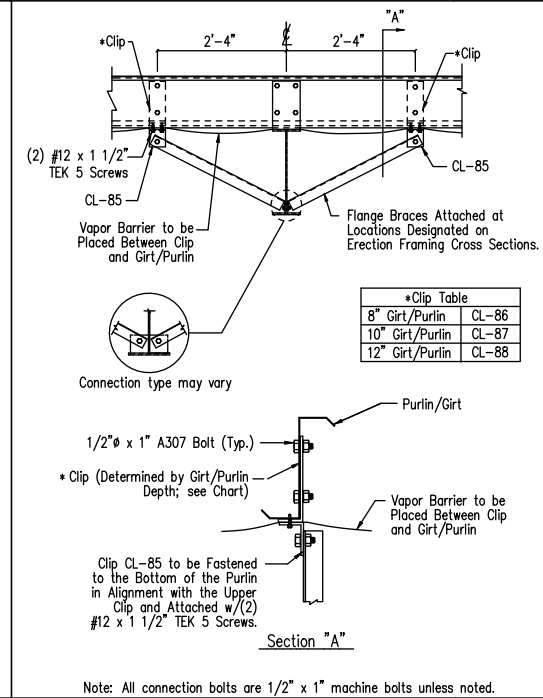
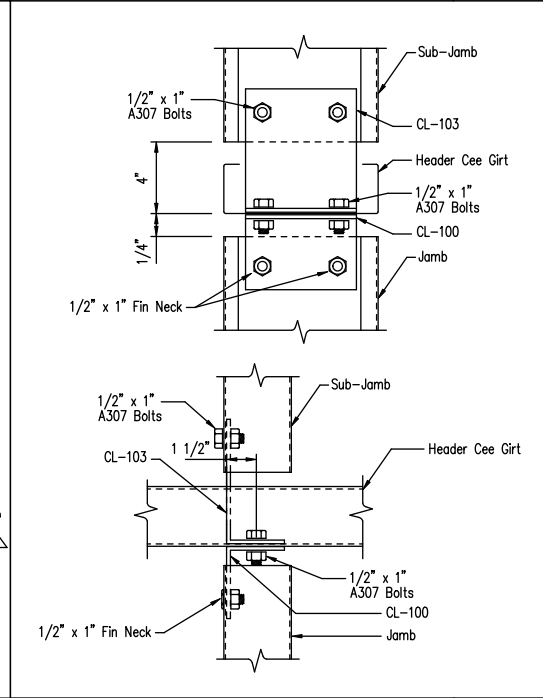
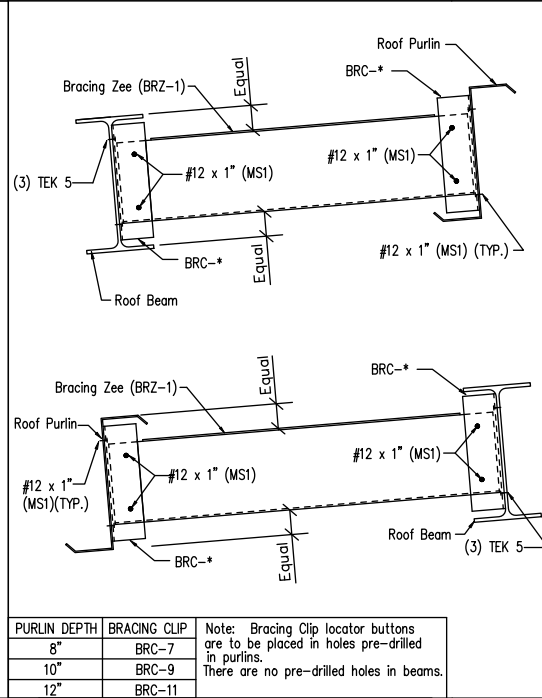
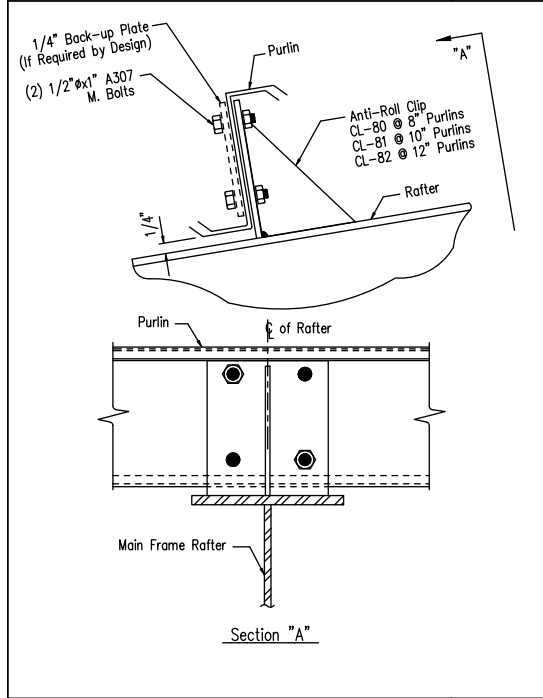
Jamb to Floor
DRAWING NO. SD85
Created On: 5/29/22

Girt to Jamb (Bolted Clips)
DRAWING NO. SD87
Created On: 10/25/20

Jamb to Header Girt
DRAWING NO. SD94
Created On: 10/25/20

Girt/Header to Jamb (Bolted Clips)
DRAWING NO. SD95
Created On: 10/25/20

Strut Purlin and Spacer Detail
Low Eave
DRAWING NO. SD107



Purlin to Anti-Roll Clip Connection
DRAWING NO. SD115
Created On: 3/29/21

Beam to Purlin Bridging
DRAWING NO. SD111
Created On: 10/25/22

Jamb to Header Girt with Sub-Jamb
DRAWING NO. SD121
Revised On: 04/28/20
Created On: 10/25/20

Interior Girt/Purlin Flange Brace Attachment for Insulation
DRAWING NO. SD161
Revised On: 01/09/21
Created On: 10/25/20

Wall and Roof Insulation Angles
DRAWING NO. SD177

GENERAL NOTES:
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.
1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
* TRIM PROFILE MAY VARY.

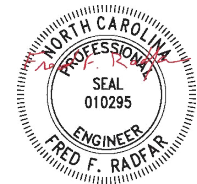
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

INLAND BUILDINGS
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
PHONE: 800.438.1606
FAX: 800.438.1626
www.inlandbuildings.com

DESCRIPTION: DETAIL DRAWINGS
OWNER OR PROJECT: Antioch Church of Erwin
CUSTOMER: MCPHAIL METAL STRUCTURES
JOB SITE LOCATION: 494 ANTIOCH CHURCH RD
ADDRESS: 1478 CARROLL STORE ROAD
DUNN, NC 28334-6470
AUTRYVILLE, NC 28318
CAD BY: SDP ENGR BY: FR DATE: 7/11/24 SCALE: N.T.S. JOB NO.: 198812 PH. BLDG. DESC.: SHEET NO.: D2 of 5 ISSUE: A



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NORTH CAROLINA LICENSE #010295 EXP. 12/31/24

Roof Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

Wall Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

Trim Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

Liner Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

Partition Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

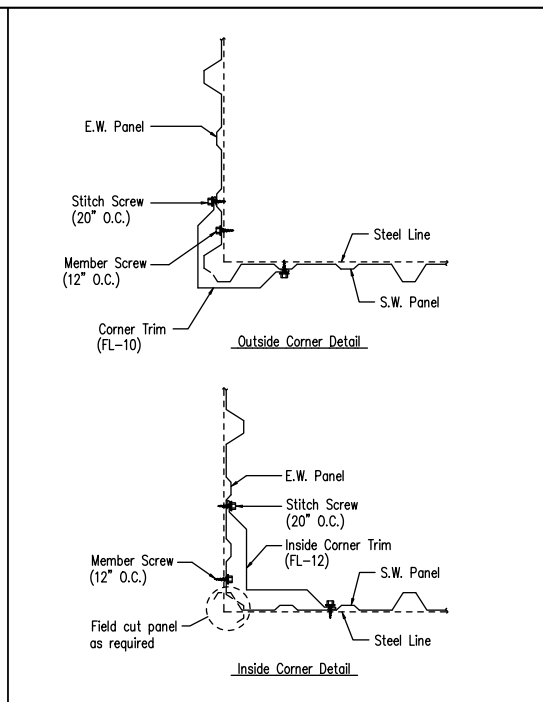
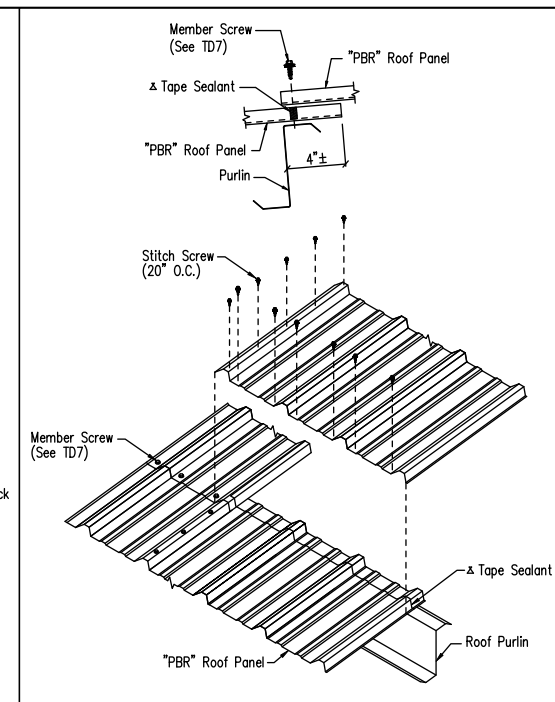
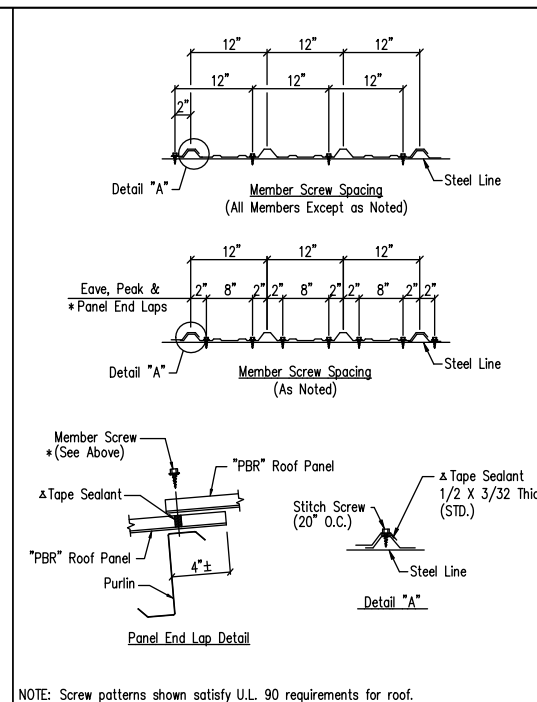
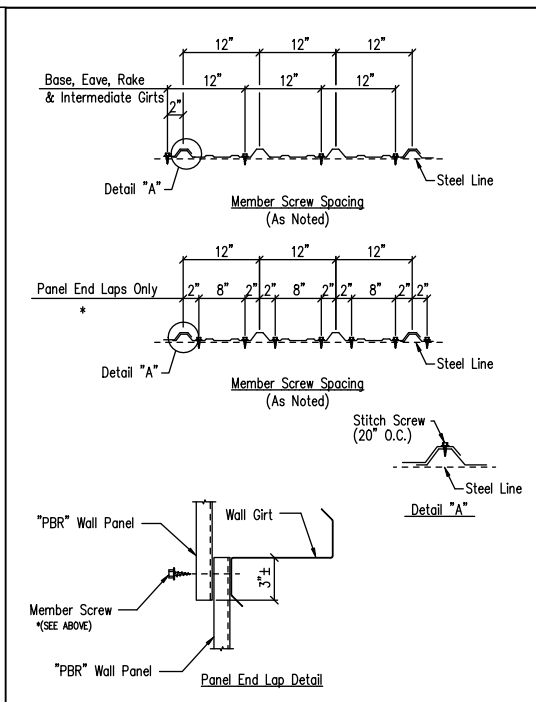
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 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

Steel to Steel Fasteners: #12 x 1" Self Drilling Screw W/O Washer - Member Screw (MS1)

RF1: #10-16 x 1" Self Drilling Screw W/O Washer

NOTE: Refer to Details and Sections for specific screw types, locations, and spacing.

ΔTape Sealant 1" x 3/32" x 45'-0" (RSH45-1)



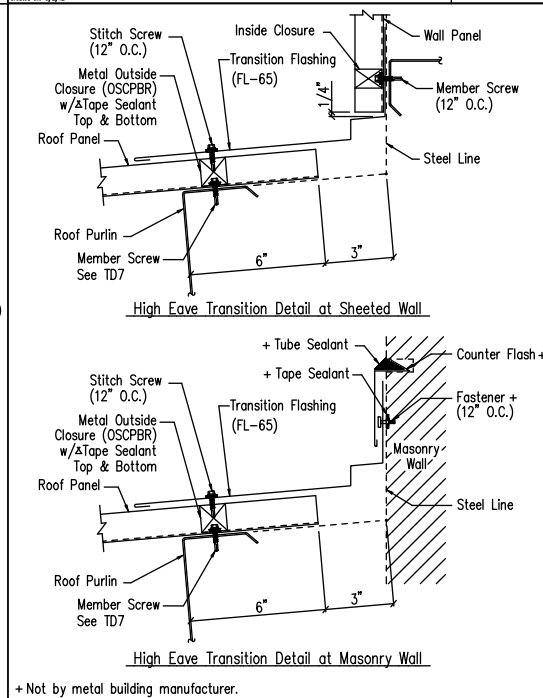
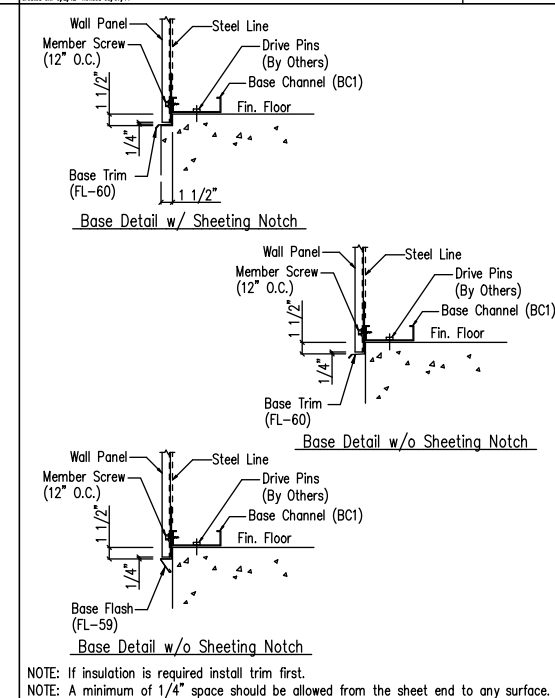
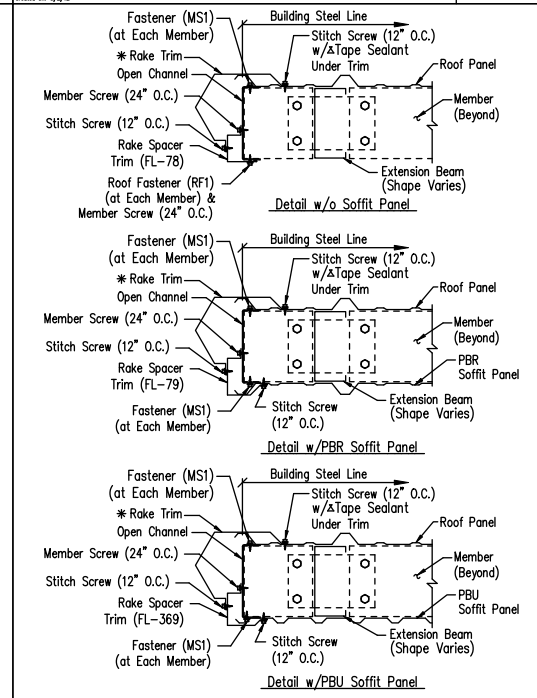
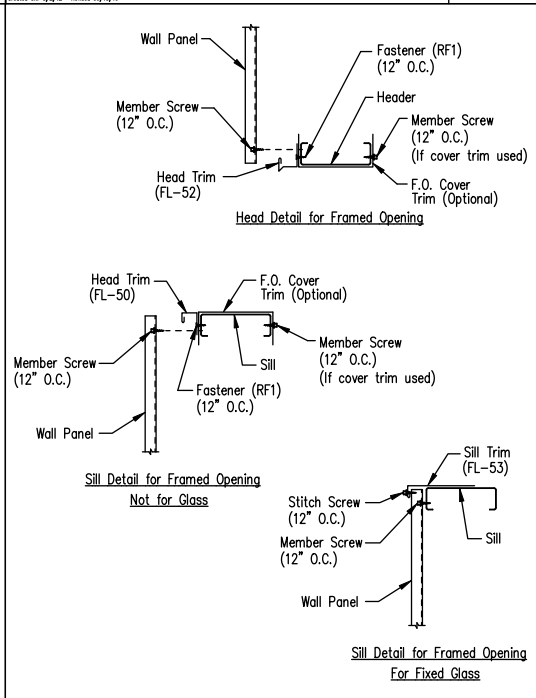
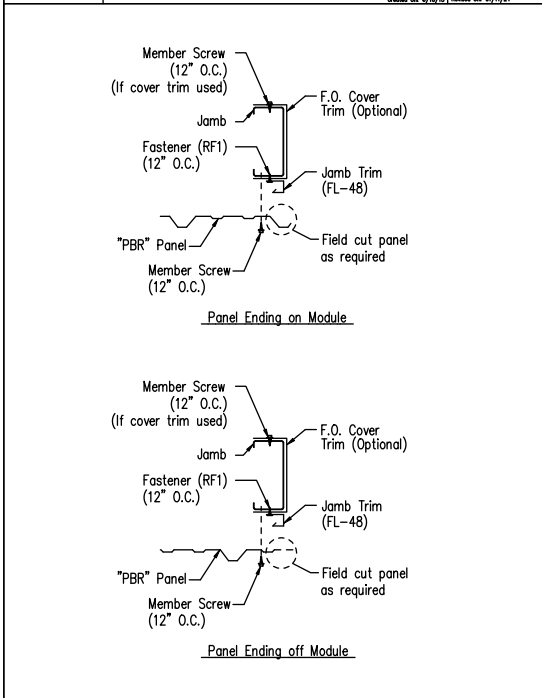
Screw Size Note TD000

Fastener Location "PBR" Panel at Wall TD1

Fastener Location "PBR" Panel at Roof TD7

Panel Endlap Detail - PBR TD206

Section at Corner - PBR TD40



Jamb Detail For Framed Opening - PBR TD51

Framed Opening Head and Sill Details TD52

Flush Eave Extension Rake Detail - PBR Roof TD62
 Standard Rake - 8" Purlins

Base Channel w/Trim SD75

High Eave Transition Detail - PBR TD207

GENERAL NOTES:
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 FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.
 Δ 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
 * TRIM PROFILE MAY VARY.

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DRAWING STATUS		REVISIONS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE
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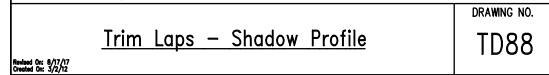
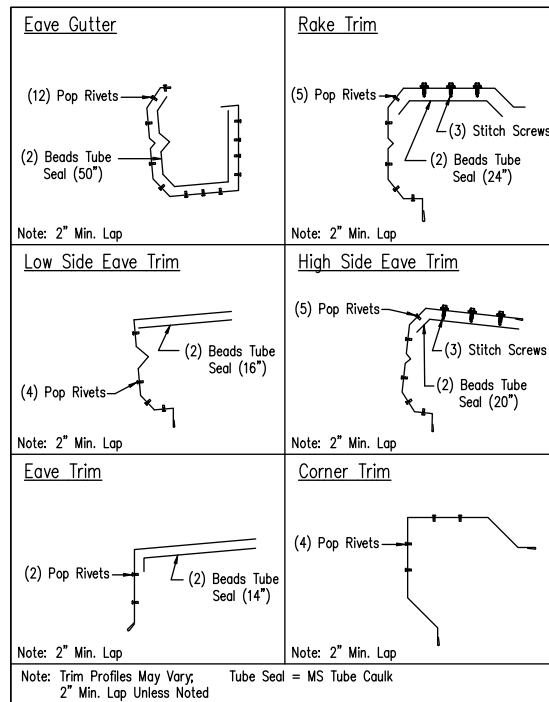
OWNER OR PROJECT		CUSTOMER	
Antioch Church of Erwin	MCPHAIL METAL STRUCTURES		
JOB SITE LOCATION		ADDRESS	
494 ANTIPOCH CHURCH RD	1478 CARROLL STORE ROAD		
DUNN, NC 28334-6470	AUTRYVILLE, NC 28318		
JOB NO.		PH BLDG. DESC.	
198812			
DATE		SCALE	
7/11/24	N.T.S.		
SHEET NO.		ISSUE	
D3 of 5	A		

INLAND BUILDINGS
 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
 PHONE: 800.438.1606
 FAX: 800.438.1626
 www.inlandbuildings.com

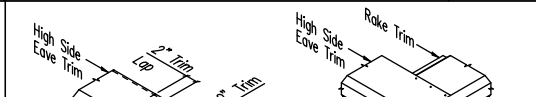
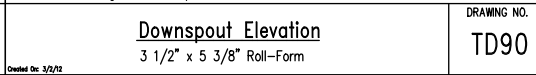
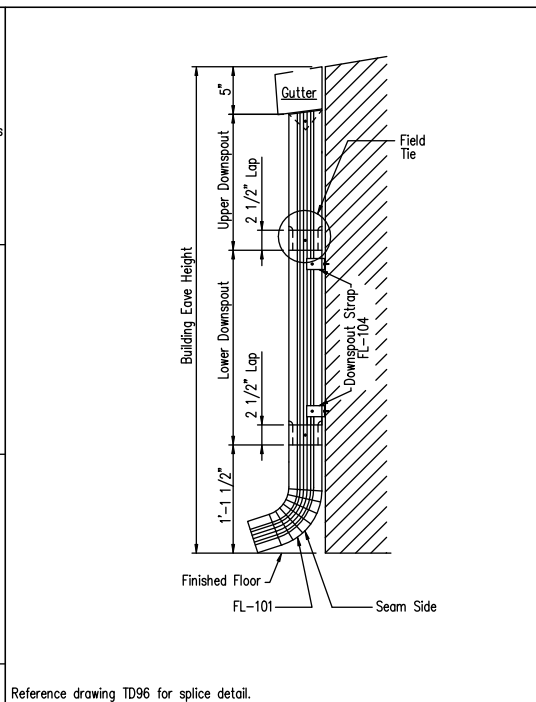
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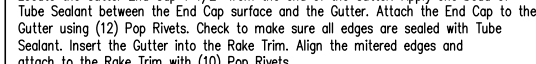
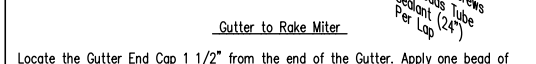
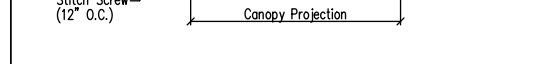
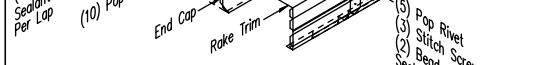
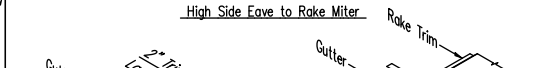
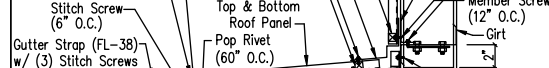
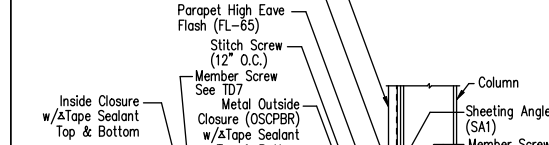
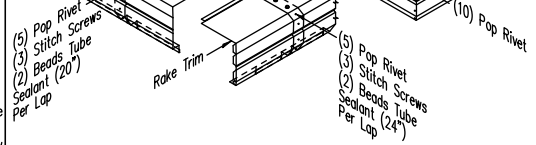
PROFESSIONAL SEAL
 SEAL 010295
 ENGINEER
 FRED F. RADFAR



Note: Trim Profiles May Vary, Tube Seal = MS Tube Caulk
 2" Min. Lap Unless Noted

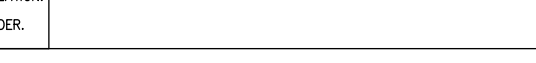
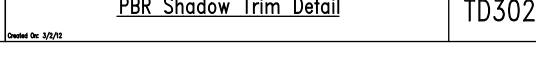
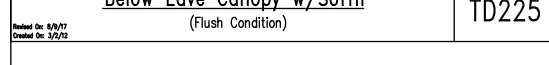
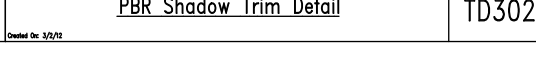
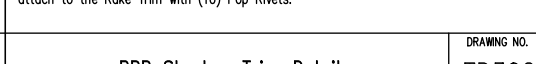
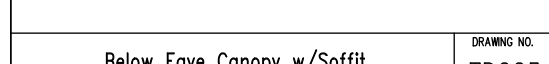


D.S. Strap Quantity	Eave Height	Quantity
10'-0"	2	
12'-0"	3	
14'-0"	3	
16'-0"	4	
20'-0"	4	
25'-0"	5	

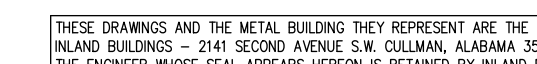
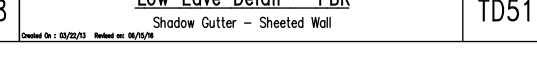
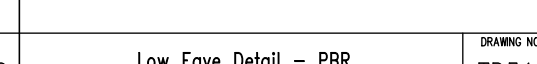
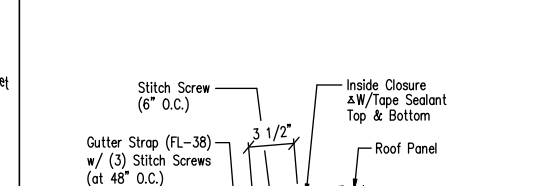
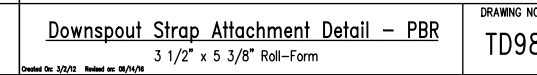
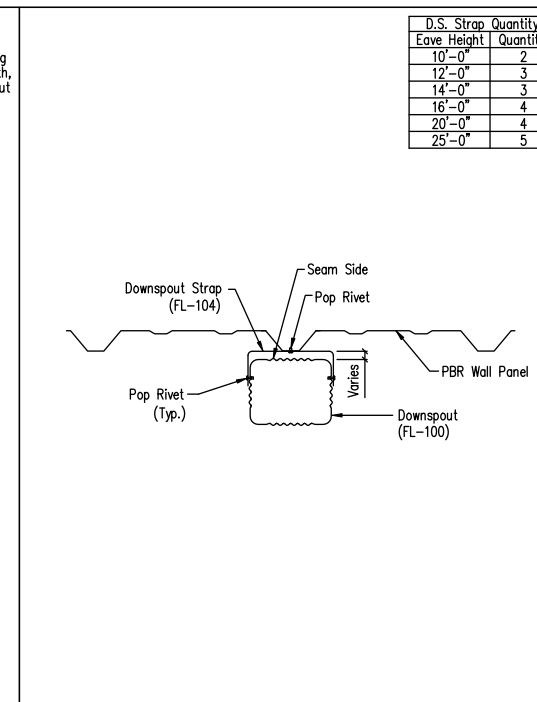
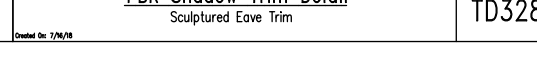
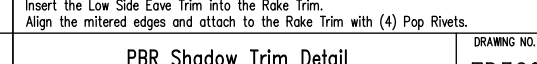
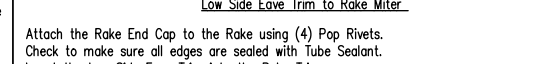
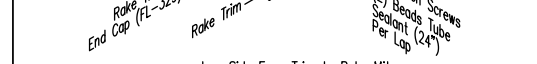
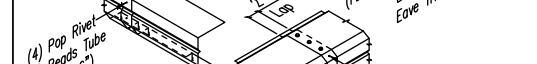
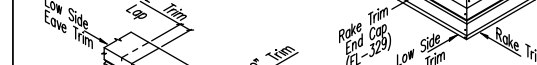
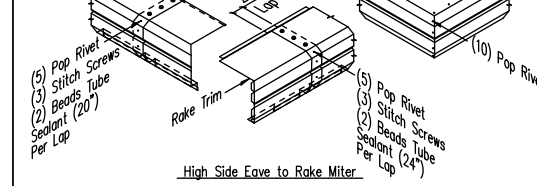
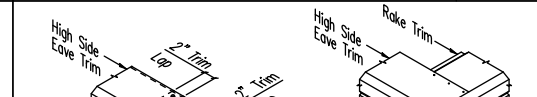
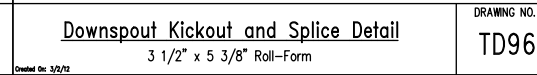
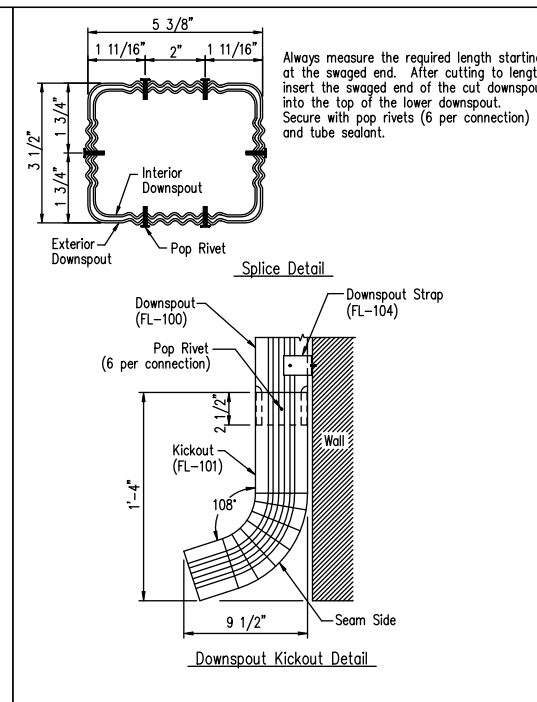


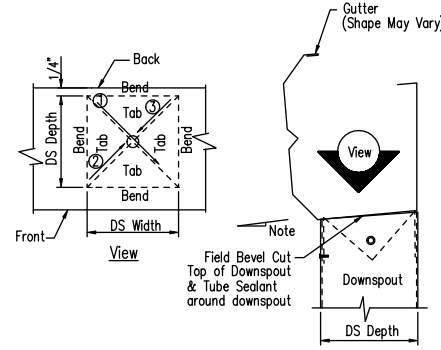
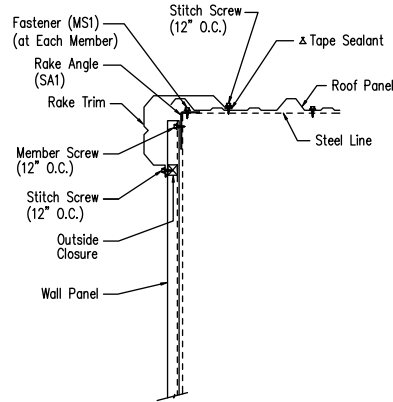
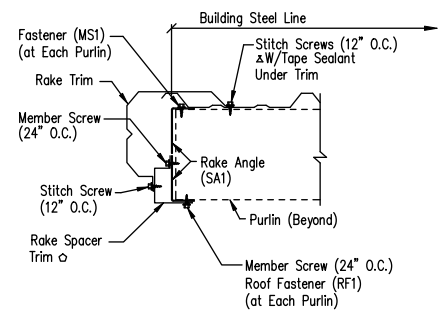
Locate the Gutter End Cap 1 1/2" from the end of the Gutter. Apply one bead of Tube Sealant between the End Cap surface and the Gutter. Attach the End Cap to the Gutter using (12) Pop Rivets. Check to make sure all edges are sealed with Tube Sealant. Insert the Gutter into the Rake Trim. Align the mitered edges and attach to the Rake Trim with (10) Pop Rivets.

Attach the Rake End Cap to the Rake using (4) Pop Rivets. Check to make sure all edges are sealed with Tube Sealant. Insert the Low Side Eave Trim into the Rake Trim. Align the mitered edges and attach to the Rake Trim with (4) Pop Rivets.



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1. Refer to the building erection drawings for the location and spacing of the downspouts.
2. Locate all downspouts over a major panel rib if possible.
3. Make a cardboard template of the downspout shape. Place the template on the bottom of the gutter and trace the outline. Remove the template and draw a line from corner to corner, forming an "X" pattern.
4. Drill a hole at the center of the "X". Using tin snips, cut along the lines of the X only. Do not cut along the outside lines of the downspout square.
5. Bend each triangular tab down toward the ground, 90 Degrees to the bottom of the gutter.
6. Position the top of the downspout under the gutter. Make sure all four gutter tabs are on the inside of the downspout.
7. Install Pop Rivets through the downspout into the gutter tab. Only the two sides and the front of the downspout will receive Pop Rivets.

TRIM TABLE	
Purlin Size	Piece Mark
8"	FL-78
10"	FL-365
12"	FL-366

Rake Detail - PBR
Shadow Rake - Open Wall

DRAWING NO.
TD525

Rake Detail - PBR
Shadow Rake - Sheeted Wall

DRAWING NO.
TD535

Downspout to Gutter Attachment Detail (Shadow Profile)

DRAWING NO.
TD595

Created On: 02/22/13 Revisd on: 06/19/16

Created On: 02/22/13 Revisd on: 06/19/16

Created On: 02/22/13

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#010295 EXP. 12/31/24



DRAWING STATUS				REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	NO.	DATE	DESCRIPTION	BY	CK'D
					A	7/11/24	FOR PERMIT	SDP	RD

OWNER OR PROJECT		Antioch Church of Erwin		CUSTOMER		MCPHAIL METAL STRUCTURES	
JOB SITE LOCATION		494 ANTIOCH CHURCH RD DUNN, NC 28334-6470		ADDRESS		1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318	
CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.
SDP	FR	7/11/24	N.T.S.	198812			D5 of 5