

SITE PLAN IS FOR REFERENCE ONLY. SEE CIVIL PLANS FOR ALL SITE REQUIREMENTS.



CODE SUMMARY (SHELL)

THESE DRAWINGS ARE BASED ON THE 2022 OSSC.

CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION
SECTION 302 - M (MERCANTILE)

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
TOTAL BUILDING AREA: 16,042 SF

M OCCUPANCY, SPRINKLERED (S1)
ALLOWABLE AREA = 36,000 SF

CHAPTER 6 - TYPE OF CONSTRUCTION
TYPE OF CONSTRUCTION: V-9

CHAPTER 9 - FIRE PROTECTION SYSTEM
BUILDING IS SPRINKLERED

CHAPTER 10 - MEANS OF EGRESS
TABLE 1004.5 MAXIMUM FLOOR AREA PER OCCUPANT
SECTION 1005 - MINIMUM REQUIRED EGRESS WIDTH
MAIN FLOOR:
TOTAL OCCUPANTS = 139
REQUIRED WIDTH 0.2 PER OCCUPANT = 27.8'
SALES WIDTH = 96' x 33' = 99'
BOH WIDTH = 33'

TABLE 1006.3.2 - MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD
MAIN FLOOR:
TOTAL OCCUPANTS = 139
MINIMUM NUMBER OF EXITS = 2
NUMBER PROVIDED = (2) FROM SALES & (1) FROM BOH
MAX. TRAVEL DISTANCE < 250' THEREFORE O.K.

OCCUPANT LOAD - BUILDING SHELL		
PER TABLE 1004.5 MAXIMUM FLOOR AREA PER OCCUPANT		
ROOM	AREA (S.F.)	OCCUPANCY PER 1004.1
SALES	11,842 +/-	60 S.F. / OCC. 125
BOH	4,200 +/-	300 S.F. / OCC. 14
TOTAL	16,042	-
TOTAL OCCUPANTS PER CODE		139

NOTE: SEE TENANT IMPROVEMENT PLANS (BY OTHERS) FOR FINAL TENANT OCCUPANCY AND CODE SUMMARY

SHEET INDEX

PAGE #	TITLE
A0.0	SITE PLAN AND CODE SUMMARY
A1.0	MAIN FLOOR PLAN
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A3.0	ROOF PLAN
A4.0	BUILDING SECTIONS
SP1.0	ARCHITECTURAL SPECIFICATIONS
S0.0	STRUCTURAL NOTES
S1.0	FOUNDATION PLAN
S1.1	TRASH ENCLOSURE REQUIREMENTS
S2.0	ROOF FRAMING PLAN
S3.0	STRUCTURAL SECTIONS
S3.1	STRUCTURAL SECTIONS
S4.0	STRUCTURAL DETAILS
S4.1	STRUCTURAL DETAILS
S4.2	STRUCTURAL DETAILS
S5.0	STRUCTURAL DETAILS
S5.1	STRUCTURAL DETAILS

DEFERRED SUBMITTAL LIST

THE FOLLOWING SYSTEMS OR COMPONENTS ARE DESIGNED BY OTHERS BUT MAY REQUIRE REVIEW AND APPROVAL BY THE BUILDING OFFICIAL AS PRESCRIBED IN SECTION 107.3.4.1 OF THE 2022 O.S.S.C. AS STATED IN THE SECTION ABOVE, THEIR SUBMISSION MAY BE DEFERRED WHEN APPROVED BY THE BUILDING OFFICIAL.

- TENANT IMPROVEMENT PLANS
- MECHANICAL PLANS
- ELECTRICAL PLANS
- PLUMBING PLANS
- FIRE SPRINKLER PLANS
- FIRE ALARM PLANS
- VESTIBULES

REVISIONS	No.	DATE	DESCRIPTION
	1	02/10/25	REVISIONS

PROJECT: GROCERY OUTLET (SHELL PACKAGE)
LOCATION: 4951 BIDDLE ROAD CENTRAL POINT, OR 97502

SHEET TITLE: SITE PLAN AND CODE SUMMARY
CLIENT: DICKERHOOF PROPERTIES

STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 200
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN
SHEET

A0.0

01/10/2025
 REGISTERED PROFESSIONAL ENGINEER
 50215PE
 OREGON
 NOVEMBER 12, 2019
 PAUL L. SCHROEDER
 EXPIRES: 6/30/26

REVISIONS	No.	DATE	DESCRIPTION
1	1	02/14/25	REVISIONS

LEGEND

- R - CAN LIGHT (ENTRY SOFFIT)
- RE - CAN LIGHT W/ BATTERY BACKUP
- W1 - 90W WALL PACK
- W2 - 40W WALL PACK
- W3 - SCONCE LIGHT
- X - EGRESS LIGHT W/ BATTERY BACKUP

KEY NOTES:

- 1 BRICK VENEER
- 2 STUCCO SYSTEM
- 3 STEEL AWNING
- 4 SPLIT FACE CMU
- 5 STOREFRONT GLASS
- 6 STOREFRONT
- 7 CONCRETE
- 8 SHEET METAL CAP

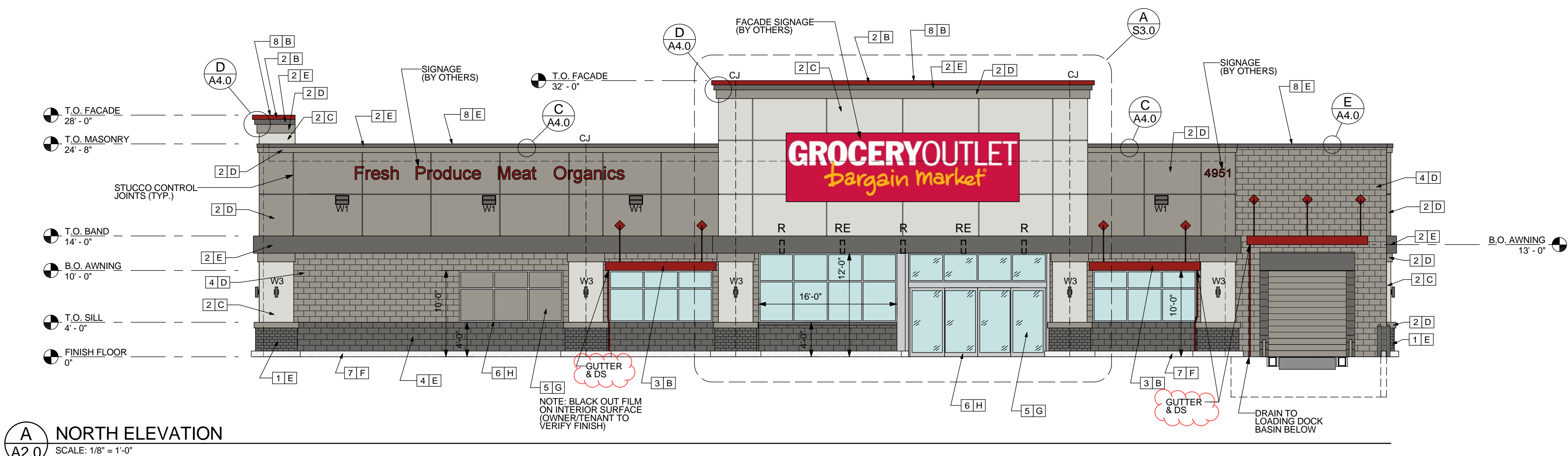
FINISH NOTES:

- A TO BE DETERMINED
- B SHERWIN WILLIAMS "GROCERY OUTLET RED"
- C SHERWIN WILLIAMS "GROCERY OUTLET SHORLINE"
- D SHERWIN WILLIAMS "GROCERY OUTLET GRAY"
- E SHERWIN WILLIAMS "GROCERY OUTLET CHARCOAL"
- F CONCRETE GRAY
- G CLEAR GLASS
- H CLEAR ANODIZED ALUMINUM

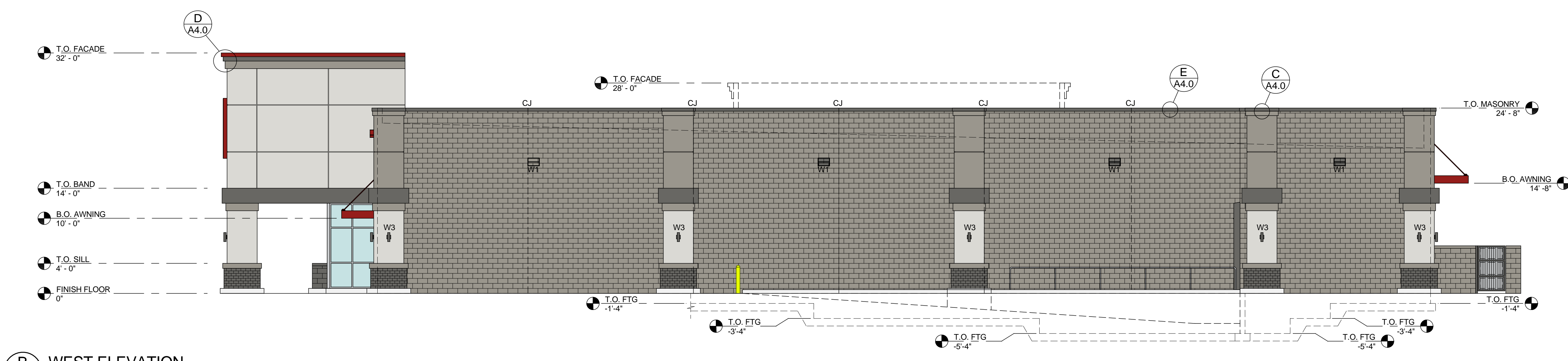
FIRE CODE REQUIREMENTS:

PREMISES IDENTIFICATION - 2022 OFC 505.1:
 APPROVED NUMBERS OR ADDRESSES SHALL BE PLACED ON ALL NEW AND EXISTING BUILDINGS IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND AND BE VISIBLE AT NIGHT. NUMBERS/LETTERS SHALL BE A MINIMUM OF 4" HIGH WITH A 0.5" STROKE WIDTH.

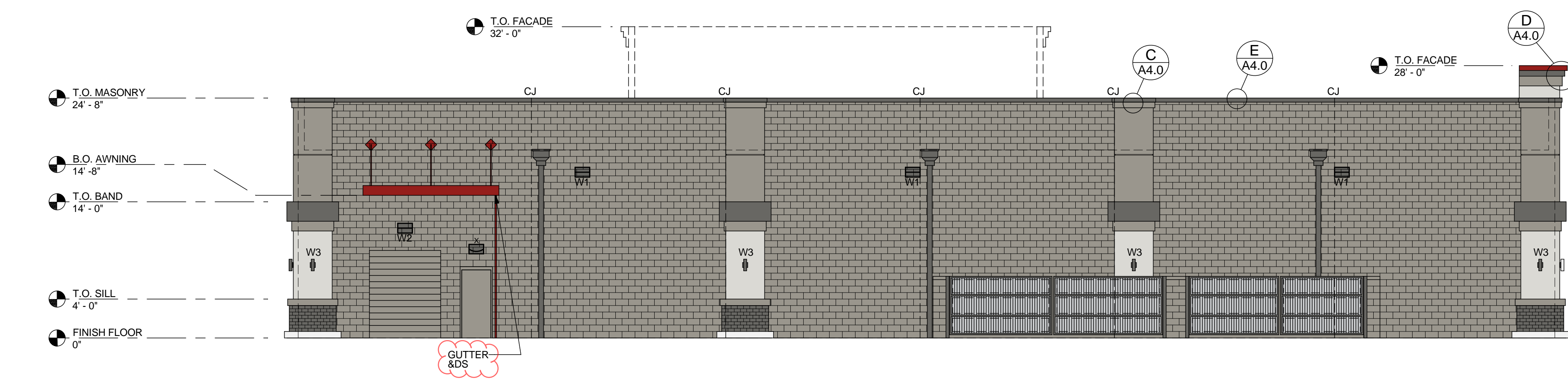
KEY BOXES - 2022 OFC 506.1
 AN APPROVED KEY BOX SHALL BE INSTALLED ON ALL STRUCTURES EQUIPPED WITH A FIRE ALARM SYSTEM AND/OR SPRINKLER SYSTEM. ALL KEY BOXES AND KEY BOX LOCATIONS ARE TO BE APPROVED BY THE FIRE MARSHAL.



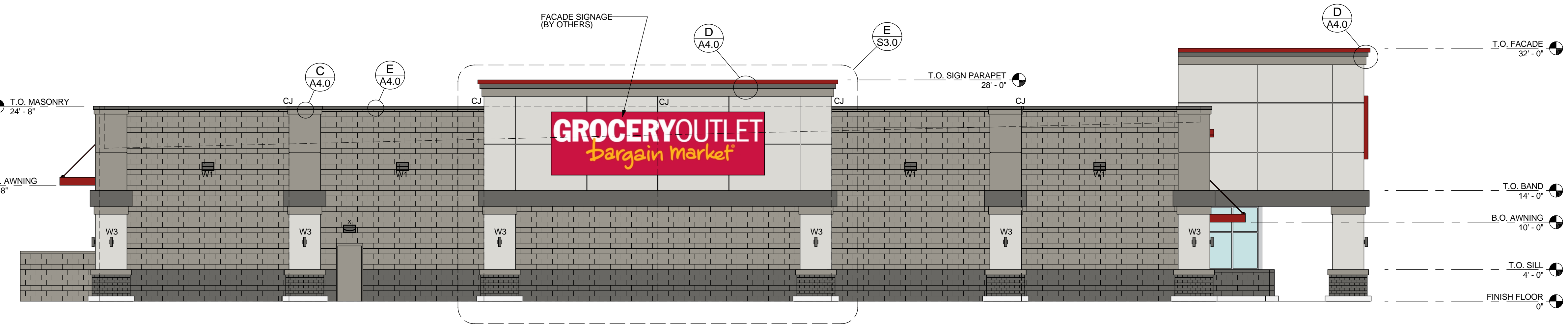
A NORTH ELEVATION
 SCALE: 1/8" = 1'-0"



B WEST ELEVATION
 SCALE: 1/8" = 1'-0"



C SOUTH ELEVATION
 SCALE: 1/8" = 1'-0"



D EAST ELEVATION
 SCALE: 1/8" = 1'-0"

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
 LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

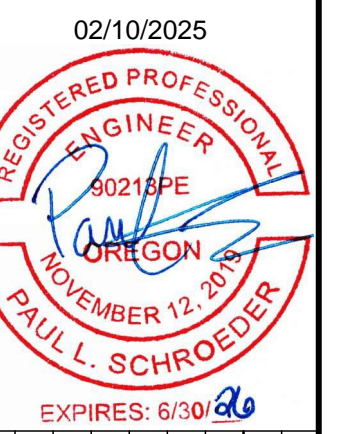
SHEET TITLE: **ELEVATIONS**
 CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
 777 NE 2ND ST SUITE 280
 P.O. BOX 2646, CORVALLIS, OR 97339
 TEL: (541)223-5360 FAX: (541)223-5278

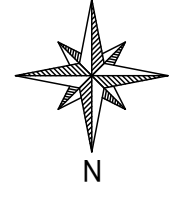
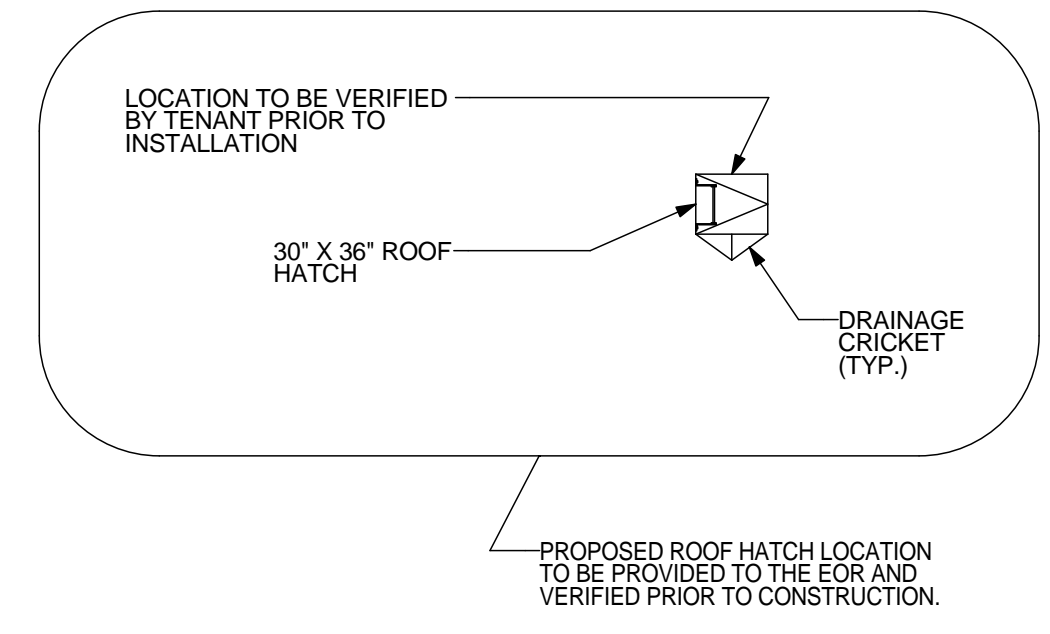
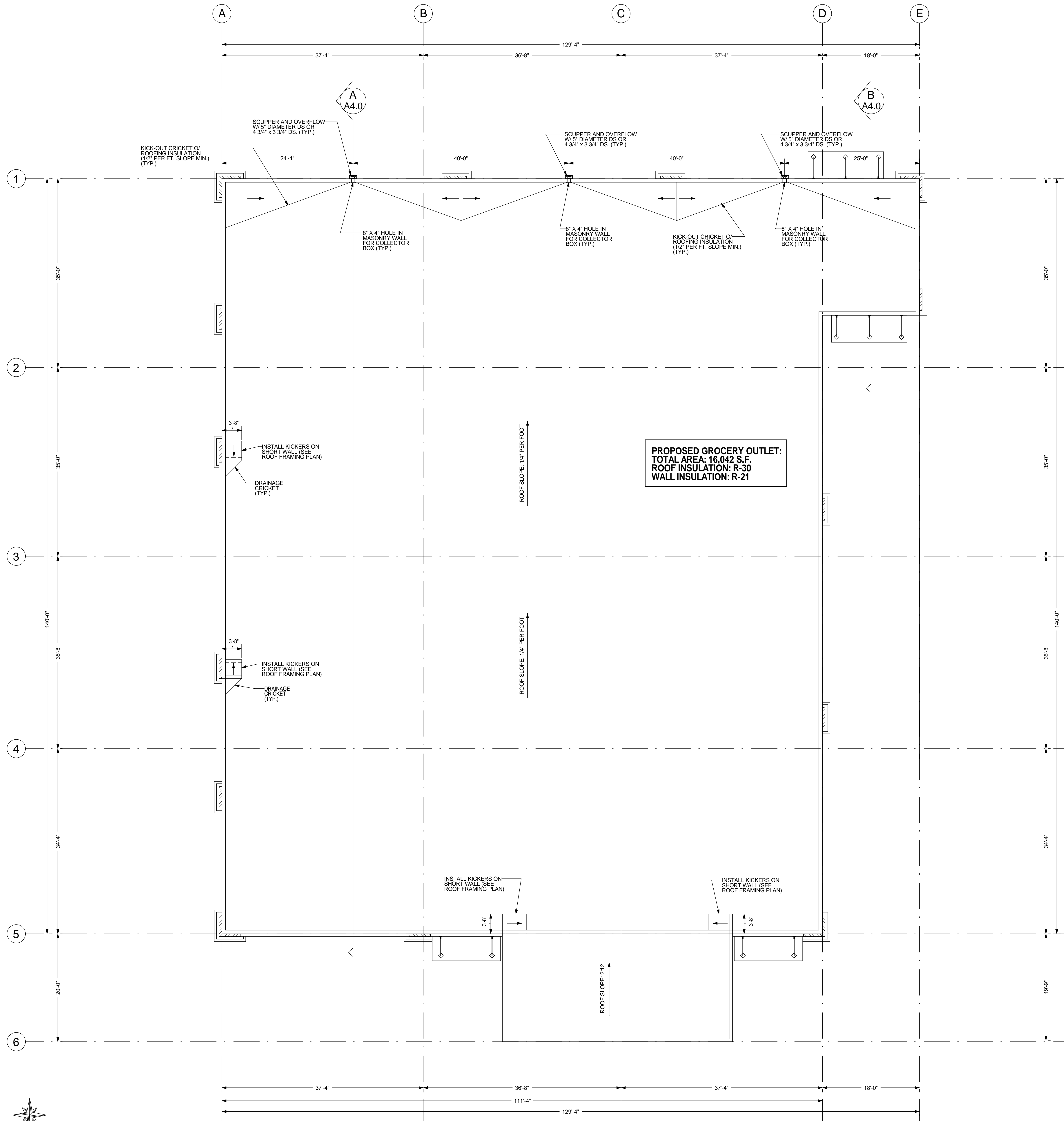
JOB NO. 24-0510
 DATE: 01/08/2025
 DRAWN: PS
 SCALE: AS SHOWN
 SHEET

A2.0

IMPORTANT NOTE:
PROPOSED MECHANICAL UNIT LOCATIONS
ARE TO BE PROVIDED TO THE EOR AND
VERIFIED PRIOR TO CONSTRUCTION.



REVISIONS	
No.	DESCRIPTION
1	02/14/25



A
A3.0 ROOF PLAN
SCALE: 1/8" = 1'-0"

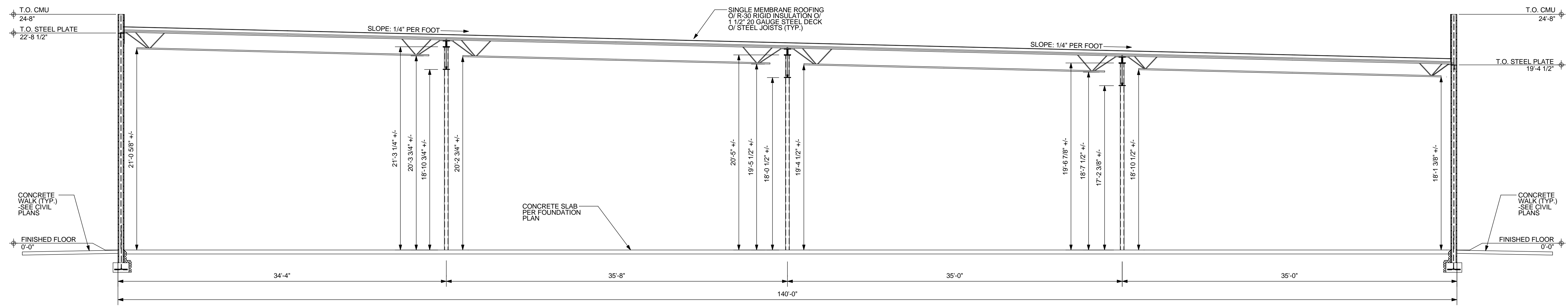
PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **ROOF PLAN**
CLIENT: **DICKERHOOF PROPERTIES**

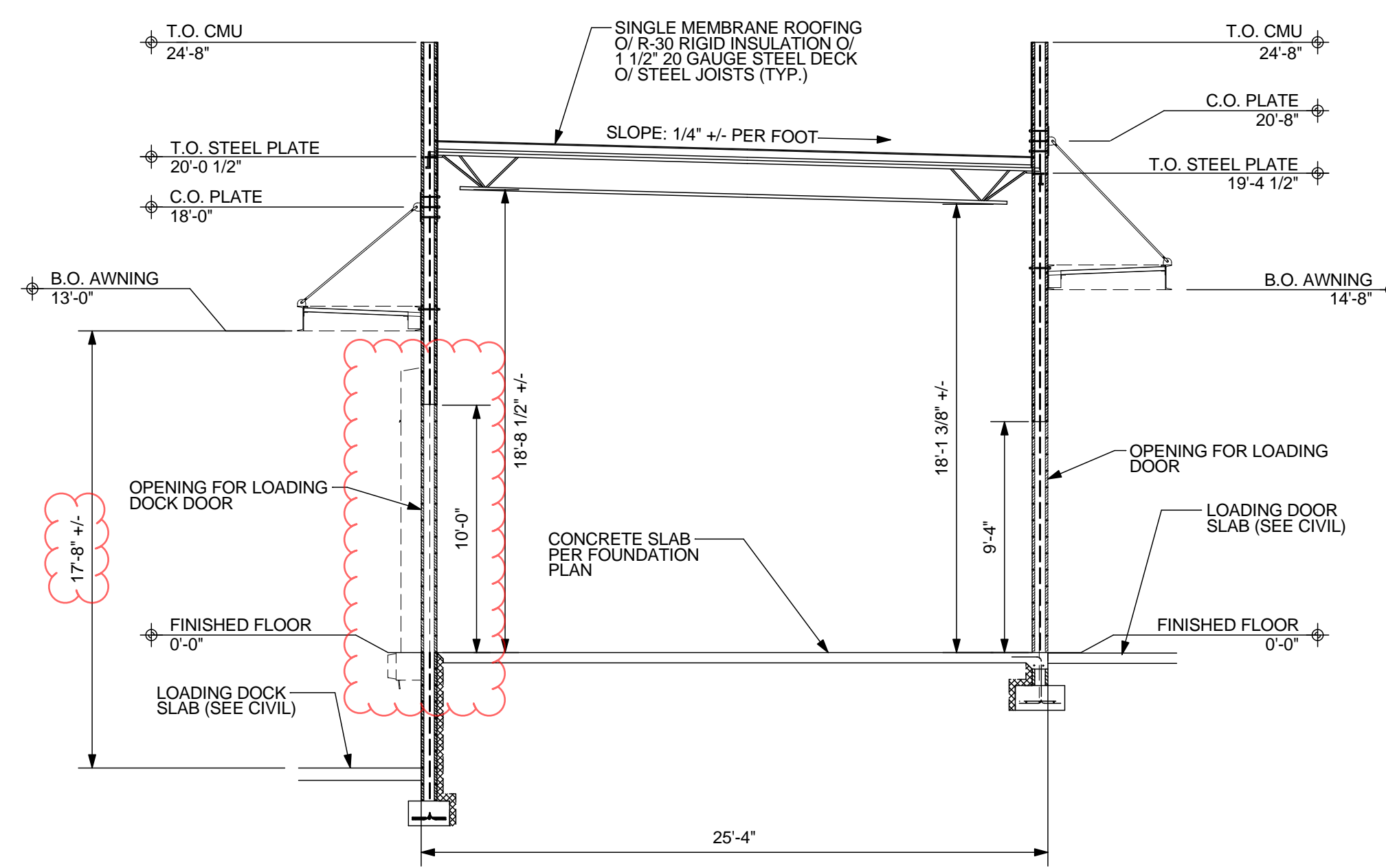
STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 200
P.O. BOX 2646, CORVALLIS, OR 97339
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JOB NO. 24-0510
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SCALE: AS SHOWN

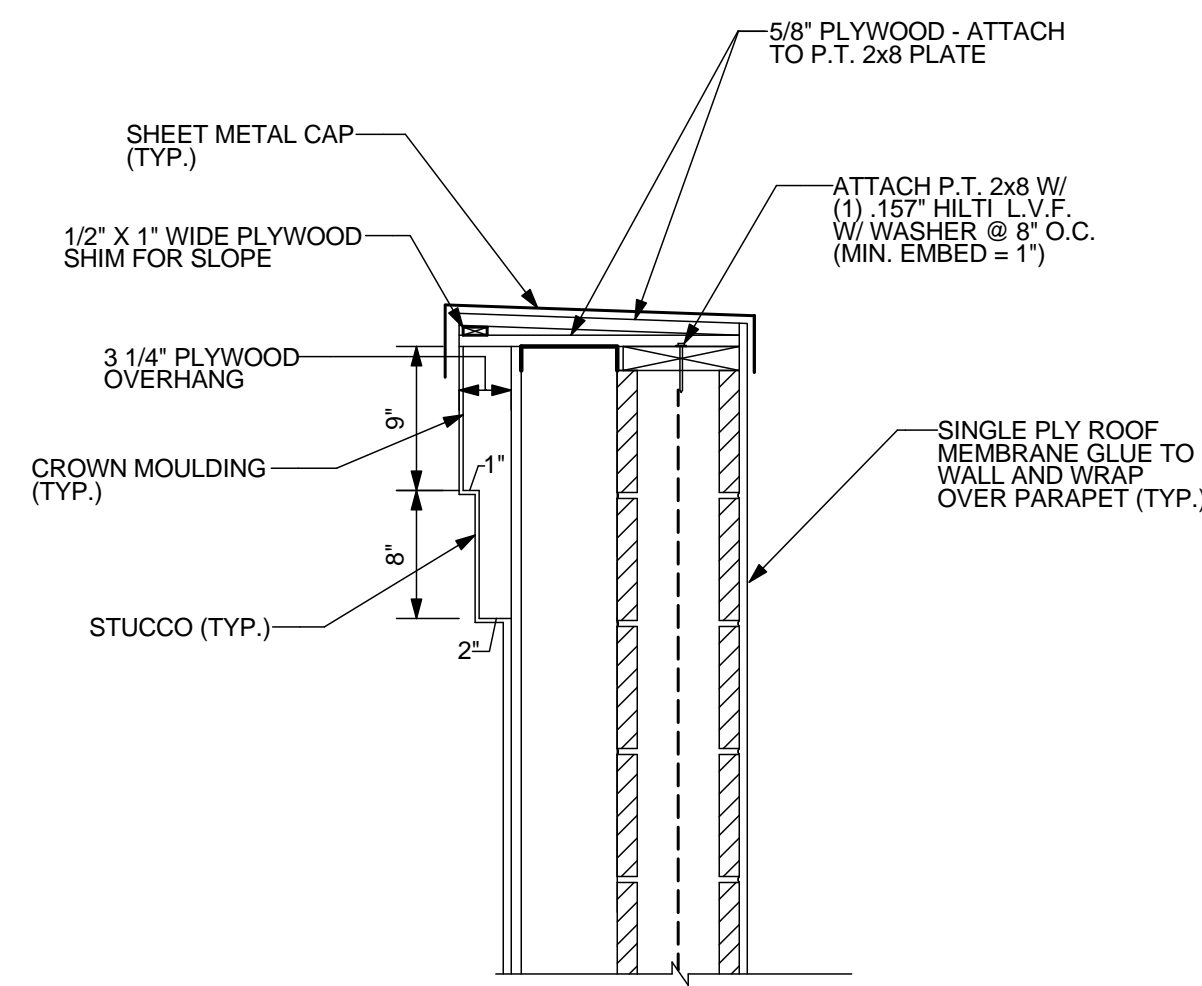
SHEET **A3.0**



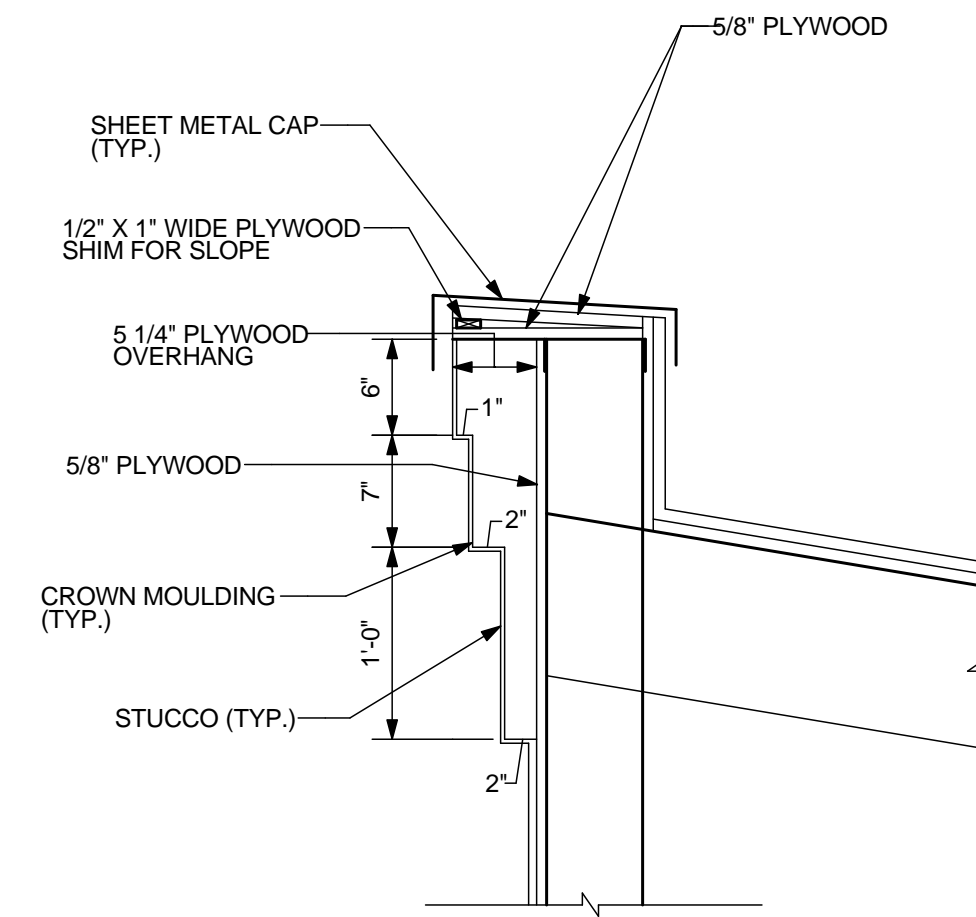
A BUILDING SECTION
A4.0 SCALE: 3/16" = 1'-0"



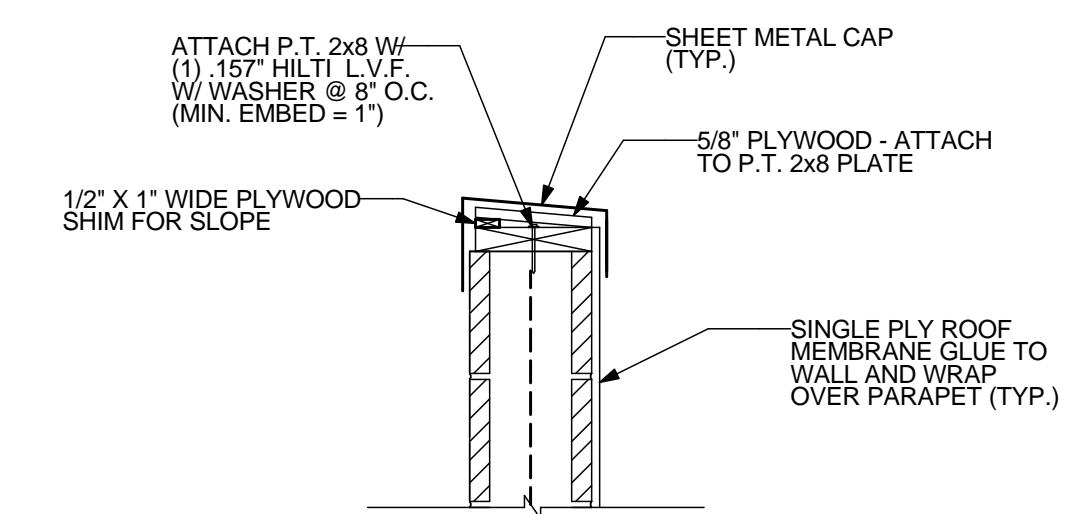
B BUILDING SECTION
A4.0 SCALE: 3/16" = 1'-0"



C CROWN MOULDING
A4.0 SCALE: 1" = 1'-0"



D CROWN MOULDING
A4.0 SCALE: 1" = 1'-0"



E CMU PARAPET CAP
A4.0 SCALE: 1" = 1'-0"

02/10/2025	
REGISTERED PROFESSIONAL ENGINEER	
NOVEMBER 12, 2018	
PAUL L. SCHROEDER	
EXPIRES: 6/30/26	
REVISIONS	DESCRIPTION
No.	DATE
1	02/10/25

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**

LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **BUILDING SECTIONS**

CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
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JOB NO. 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN

A4.0

BUILDING INSULATION - 07210

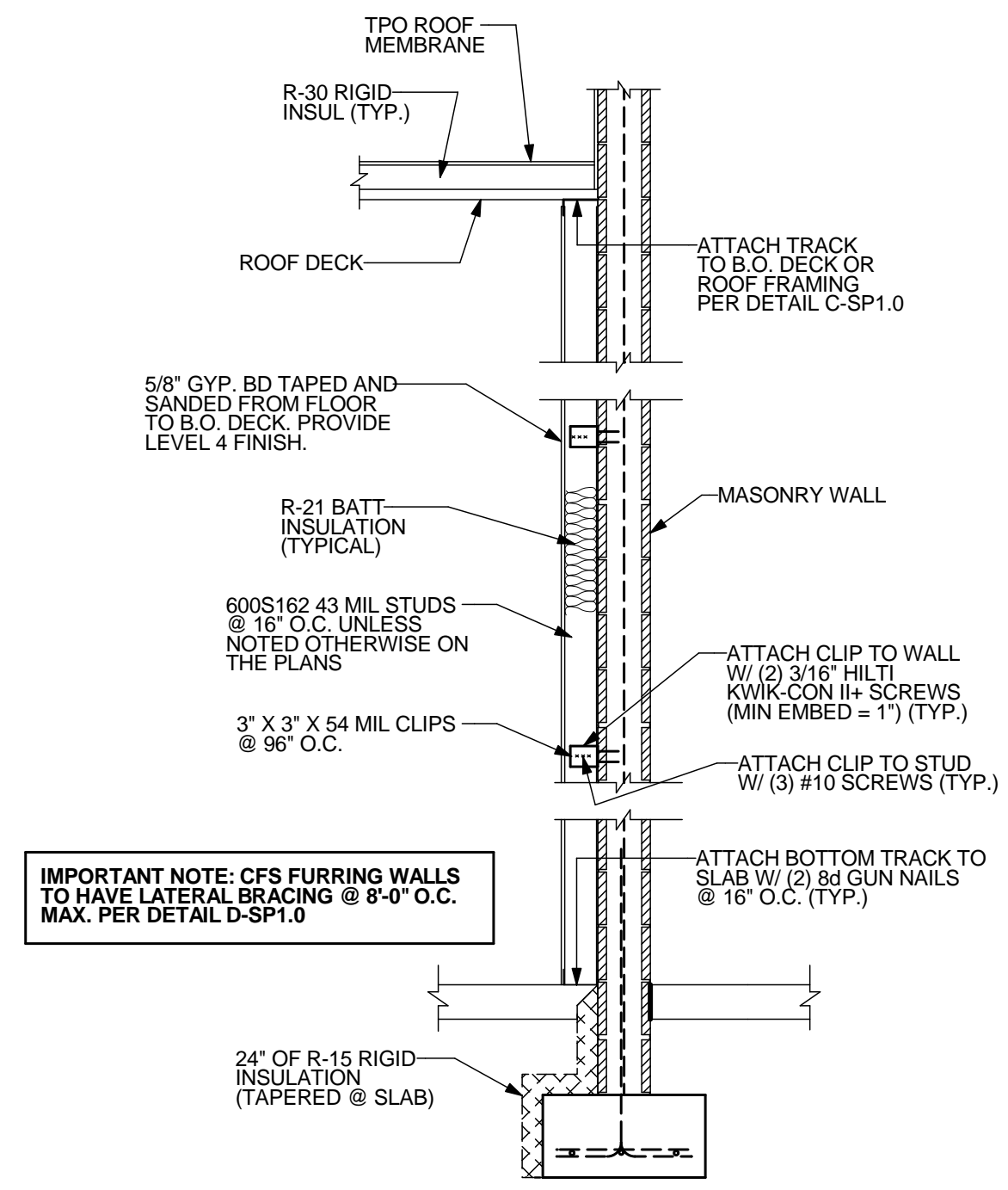
- INSULATION SHALL COMPLY WITH ASHRAE STANDARD 189.
- A. FOUNDATION INSULATION (2" OF R-15 RIGID INSULATION)
 - B. EXTERIOR WALL INSULATION (R-21 BATT INSULATION) (SEE DETAIL A-SP1.0)
 - 1. ROLL-FACED FORMALDEHYDE FREE THERMAL AND ACOUSTICAL FIBERGLASS BUILDING INSULATION, ASTM C 665, TYPE III, CLASS A, CATEGORY 1 WITH MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED INDICES OF 75 AND 150, RESPECTIVELY.
 - 2. MANUFACTURERS:
 - a. OWENS CORNING
 - b. CERTAINTED
 - c. JOHNS MANVILLE CORPORATION
 - C. ROOFING INSULATION: R-30 RIGID
 - D. SWINGS DOOR U-FACTOR: .450
 - E. ROLL UP DOOR U-FACTOR: .450

ROOFING SYSTEM - 075000

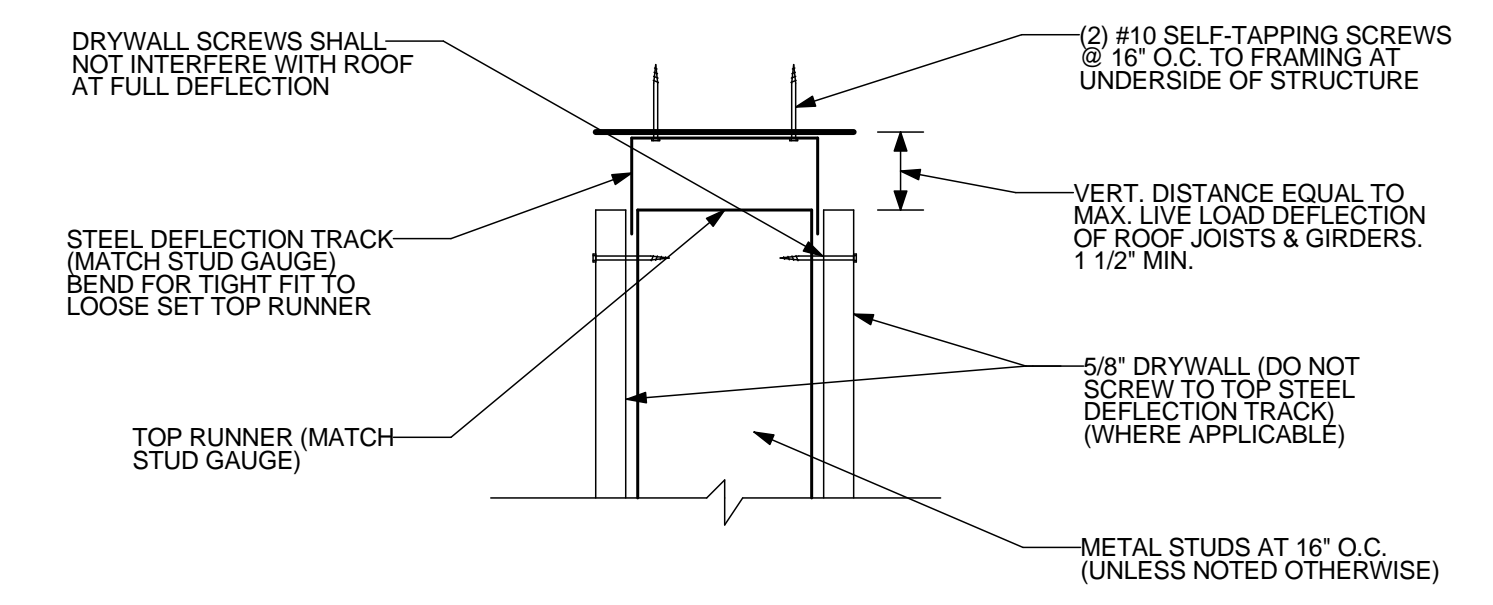
- A. PROVIDE TPO ROOF MEMBRANE.

JOINT SEALERS - 079200

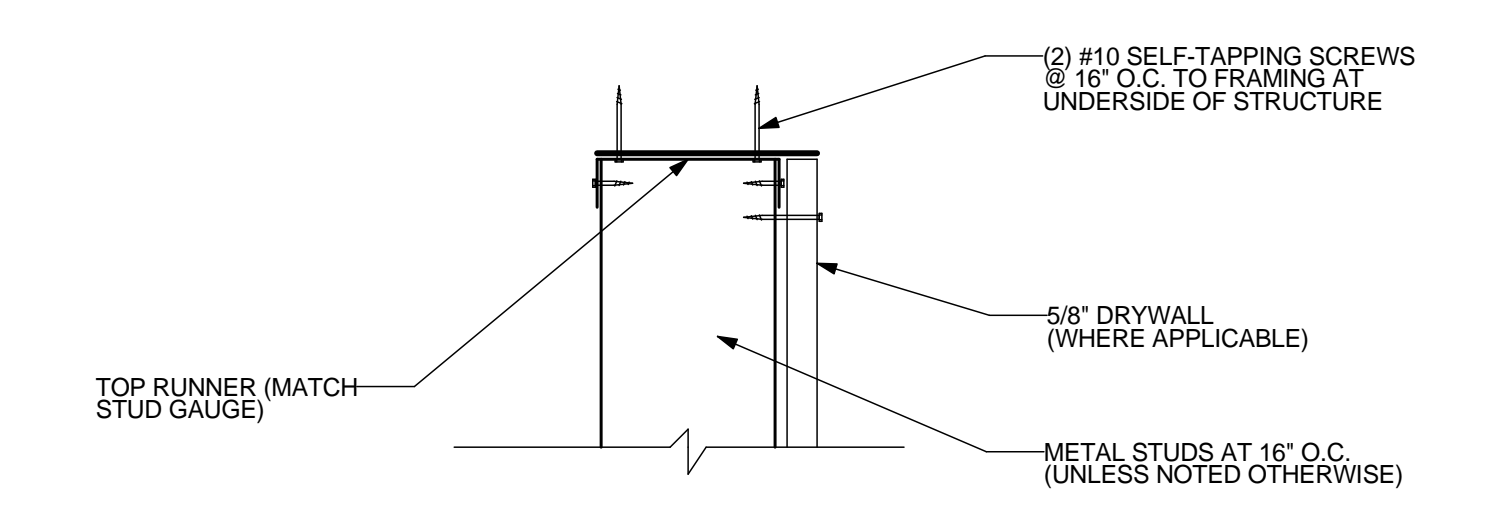
- A. JOINT SEALERS: PROVIDE JOINT SEALERS IN THE FOLLOWING LOCATIONS:
 - 1. PERIMETER OF DOOR FRAMES
 - 2. PERIMETER OF PENETRATIONS IN THE BUILDING WALL.
 - 3. ABUTMENT OF DISSIMILAR MATERIALS
 - 4. ACOUSTICAL SEALANT AT BASE OF GYPSUM BOARD WALLS WITH SOUND ATTENUATION INSULATION
- B. PROVIDE JOINT SEALERS, JOINT FILLERS AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES.
 - 1. PROVIDE SEALANTS AS MANUFACTURED BY TREMCO OR ARCHITECT APPROVED. EQUAL COMPLY WITH ASTM C 825
 - 2. SEALANT: TWO COMPONENT URETHANE - "TREMCO DYMERIC 511."
 - 3. ACOUSTICAL SEALANT: ACRYLIC LATEX, TREMCO #834.
- C. JOINT SEALANT BACKING:
 - 1. PLASTIC FOAM FILLERS: CLOSED-CELL POLYETHYLENE FOAM
 - 2. BOND BREAKER: PROVIDE POLYETHYLENE TAPE OR OTHER PLASTIC TAPE AS RECOMMENDED BY SEALANT MANUFACTURER FOR PREVENTING SEALANT FROM ADHERING TO RIGID, INFLEXIBLE JOINT FILLER MATERIALS OR JOINT SURFACES. PROVIDE SELF-ADHESIVE TAPE WHERE APPLICABLE
- D. PRIMER: PROVIDE TYPE RECOMMENDED BY JOINT SEALER MANUFACTURER WHERE REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED. JOINT SUBSTRATES INDICATED.
- E. PROVIDE SEALANT BACKINGS OF MATERIALS AND TYPE WHICH ARE NON-STAINING AND ARE RECOMMENDED BY THE SEALANT MANUFACTURER
- F. COLOR: SEALANT COLOR SHALL MATCH COLOR OF ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE IN DRAWINGS.



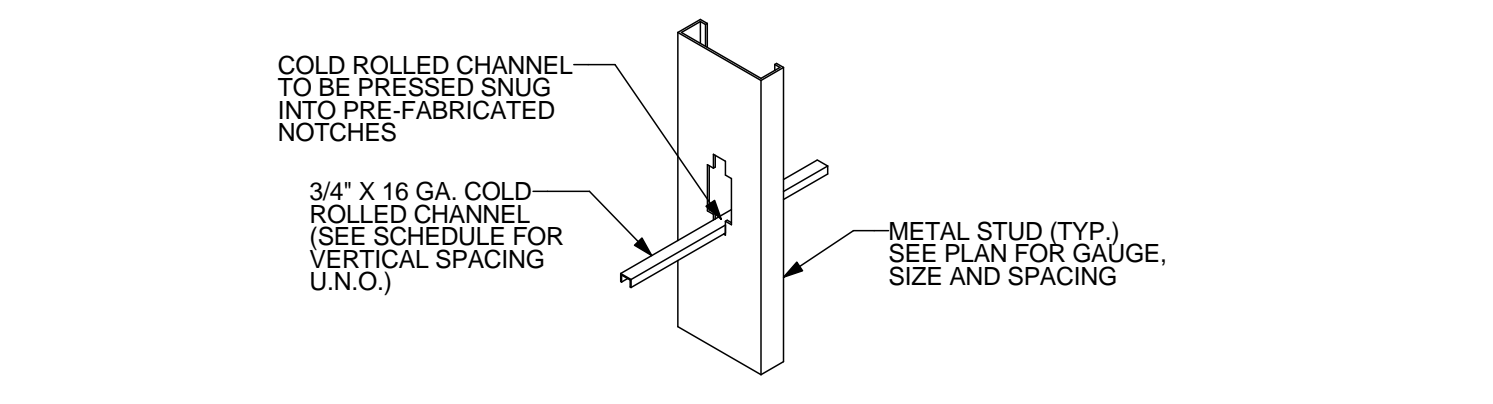
A CMU PERIMETER WALL CONDITION
SP1.0 NOT TO SCALE



B TOP TRACK DETAIL (SLIP TRACK)
SP1.0 NOT TO SCALE



C TOP TRACK DETAIL
SP1.0 NOT TO SCALE



D LATERAL BRACING @ NON-BEARING WALLS
SP1.0 NOT TO SCALE

DOORS AND FRAMES - 081113

- A. STEEL DOORS AND FRAMES: PROVIDE STEEL DOORS AND FRAMES AS MANUFACTURED BY STEELCRAFT OR OWNER/TENANT APPROVED SUBSTITUTED. COMPLY WITH SDI-100 RECOMMENDATIONS AND STANDARDS FOR DOORS AND FRAMES.
 - 1. PROVIDE GALVANIZED DOORS AND FRAMES ARE IN EXTERIOR WALLS. INSULATE EXTERIOR DOORS WITH POLYSTYRENE FOAM
 - 2. INSERTS, BOLTS AND FASTENERS: MANUFACTURER'S STANDARD UNITS, EXCEPT HOT DIPPED GALVANIZED ITEMS TO BE BUILT INTO EXTERIOR WALLS. COMPLY WITH ASTM A153, CLASS C OR D AS APPLICABLE
 - 3. PRIMER: PROVIDE RUST-INHIBITIVE ENAMEL OR PAINT, EITHER AIR DRYING OR BAKING, SUITABLE AS A BASE FOR SPECIFIED PAINT FINISH.
 - 4. FABRICATE DOORS AND FRAMES OF EITHER HOT ROLLED OR COLD ROLLED SHEET STEEL COMPLYING WITH ASTM A369, A368, A366 AND A368, RESPECTIVELY.
 - 5. PREP DOORS AND FRAMES TO RECEIVE SPECIFIED FINISH HARDWARE. COMPLY WITH ANSI A115.
 - 6. FRAMES: FABRICATE FRAMES OF MINIMUM 16 GAUGE COLD ROLLED STEEL DOUBLE RABBIT PROFILE. MITERED CORNERS. PROVIDE KNOCK-DOWN FRAMES AT ALL INTERIOR DOORS AND FULLY WELDED FRAMES AT ALL EXTERIOR DOORS. PROVIDE ASPHALTIC COATING AT MASONRY WALLS INSIDE OF FRAME.
 - 7. DOORS:
 - a. EXTERIOR DOORS: GRADE III EXTRA HEAVY DUTY, MODEL 1, FULL FLUSH DESIGN, MINIMUM 0.0635 IN. THICK GALVANIZED STEEL SHEET FACES UNLESS NOTED OTHERWISE BY OWNER OR TENANT.

ALUMINUM STOREFRONT - 084113

- A. PROVIDE ALUMINUM STOREFRONT SYSTEM WHERE SPECIFIED ON THE DRAWINGS.

GLASS AND GLAZING - 088000

- A. GLASS AND GLAZING: COMPLY WITH FGMA GLAZING AND SEALANT MANUALS, AND PROVIDE GLASS & GLAZING AS INDICATED
- B. GLASS SCHEDULE:
 - 1. EXTERIOR GLASS: 1" THICK INSULATING, CLEAR GLASS, TEMPERED AS REQUIRED, UNLESS NOTED OTHERWISE ON THE DRAWINGS
 - 2. EXTERIOR TRANSOM GLASS: 1" THICK INSULATING, CLEAR GLASS
 - 3. INTERIOR GLASS: 1/4" THICK CLEAR GLASS, TEMPERED
 - 4. INTERIOR TRANSOM GLASS: 1/8" THICK CLEAR FLOAT GLASS
- C. PROVIDE GLASS AS MANUFACTURED BY PPG INDUSTRIES, INC. OR OWNER/TENANT APPROVED EQUAL GLASS STANDARDS.
 - 1. CLEAR FLOAT GLASS, TYPE I (TRANSPARENT GLASS, FLAT), CLASS 1 CLEAR QUALITY G3 (GLAZING SELECT)
 - 2. HEAT TREATED GLASS:
 - a. MANUFACTURE HEAT TREATED GLASS BY HORIZONTAL ROLLER HEARTH PROCESS WITH ROLL WAVE DISTORTION PARALLEL WITH BOTTOM EDGE OF GLASS AS INSTALLED.
 - b. WHERE INDICATED AND REQUIRED, PROVIDE FULLY TEMPERED UNITS.
 - 3. INSULATING GLASS UNITS
 - a. PROVIDE INSULATING UNITS COMPOSED AS FOLLOWS:
 - #1. INSIDE PANE: 1/4" THICK CLEAR, TEMPERED OR FLOAT GLASS
 - #2. SPACER: 1/2" AIR SPACE WITH ALUMINUM SPACER AND MANUFACTURER'S STANDARD DESICCANT
 - #3. OUTSIDE PANE: 1/4" THICK, CLEAR TEMPERED OR FLOAT, GLASS
 - #4. SEALING SYSTEM: DUAL SEAL SILICONE
- D. GLAZING GASKETS AND MATERIALS:
 - a. PROVIDE GLAZING GASKETS AND MATERIALS AS RECOMMENDED BY ALUMINUM STOREFRONT GLAZING SYSTEM MANUFACTURER
- D. AIR LEAKAGE REQUIREMENT:
 - 1. STOREFRONT GLAZING SHALL BE TESTED FOR AIR LEAKAGE IN ACCORDANCE WITH ASTM E 283
 - 2. FOR STOREFRONT GLAZING, THE MAXIMUM AIR LEAKAGE RATE IS 0.3 CUBIC FOOT PER MINUTE PER SQUARE FOOT OF FENESTRATION AREA.
- E. ENERGY COMPLIANCE REQUIREMENTS:
 - 1. U-FACTOR MAX:
 - FIXED = .30
 - OPERABLE = .450
 - ENTRANCE = .630
 - 2. SHGC REQUIRED:
 - FIXED = .30
 - OPERABLE = .330

02/10/2025	
REGISTERED PROFESSIONAL ENGINEER	
PAUL L. SCHROEDER	
EXPIRES: 6/30/26	
REVISIONS	DESCRIPTION
No.	DATE

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
 LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **ARCHITECTURAL SPECIFICATIONS**
 CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
 777 NE 2ND ST SUITE 200
 P.O. BOX 2646, CORVALLIS, OR 97339
 TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
 DATE: 01/08/2025
 DRAWN: PS
 SCALE: AS SHOWN
 SHEET

SP1.0

GENERAL NOTES:

- A. STRUCTURE DESIGNED IN ACCORDANCE WITH THE 2022 OSSC.
B. STRUCTURE DESIGNED FOR THE FOLLOWING LOADS:
ROOF DEAD LOADS:
ROOF (TOTAL) = 20 PSF
ROOF LIVE LOADS:
GROUND SNOW LOAD = 4 PSF
FLAT ROOF SNOW LOAD = 25 PSF (MODIFIED FOR DRIFTING AND UNBALANCED LOADS WHERE APPLICABLE)
WIND LOADS:
BASIC WIND SPEED (V) = 96 MPH
EXPOSURE = C
IMPORTANCE FACTOR = 1
SEISMIC DESIGN DATA:
SEISMIC DESIGN CATEGORY = D
SITE SOIL CLASS = D
Ss = 0.031
S1 = 0.364
Sps = 0.545
BASIC STRUCTURAL & SEISMIC RESISTING SYSTEM:
BEARING WALL SYSTEM R = 5
SPECIAL REINFORCED MASONRY REAR WALLS
ANALYZED USING THE EQUIVALENT LATERAL FORCE PROCEDURE

C. IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THESE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT PROCEED WITH THE AFFECTED WORK. THE CONTRACTOR SHALL VERIFY ALL BUILDING DIMENSIONS, DETAILS AND CONDITIONS PRIOR TO START OF CONSTRUCTION THAT MAY BE IMPACTED BY VARIATIONS FROM THE CONDITIONS SHOWN HEREIN.

SOIL NOTES:

- A. SOIL BEARING CAPACITY USED IN DESIGN OF NEW FOUNDATION: 1500 PSF. ALL FOOTINGS TO BEAR ON UNDISTURBED SOIL OR APPROVED STRUCTURAL FILL. PROVIDE AND INSTALL STRUCTURAL FILL AS NECESSARY. IF UNSUITABLE SOILS ARE ENCOUNTERED OR IF ROCKS ARE ENCOUNTERED IN THE AREA OF THE PROPOSED BOTTOM OF FOOTING, NOTIFY THE ENGINEER IMMEDIATELY.
B. THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND APPROVE SUBGRADE SOILS PRIOR TO THE PLACEMENT OF STRUCTURAL FILL OR FOOTING FORMS.
C. STRUCTURAL FILL MATERIAL TYPE AND SOURCE SHALL BE APPROVED BY GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION.
D. PLACEMENT AND COMPACTION OF STRUCTURAL FILL SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER AND/OR TEST RESULTS BY A QUALIFIED TESTING AGENCY.
E. COMPLY WITH SPECIFICATIONS AND GEOTECHNICAL REPORT RECOMMENDATIONS FOR ALL FILLS AND EXCAVATIONS.

SOIL SPECIAL INSPECTION REQUIREMENTS:

- SPECIAL INSPECTIONS AND TESTS OF EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS SHALL BE SPECIAL INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER FOR THE FOLLOWING ITEMS:
a. PERIODIC - VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.
b. PERIODIC - VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.
c. PERIODIC - PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.
d. CONTINUOUS - VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.
e. PERIODIC - PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.

CONCRETE NOTES:

- A. ALL CONCRETE WORK SHALL CONFORM WITH A.C.I. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" - LATEST EDITION, AND "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315 - LATEST EDITION.
B. ALL CONCRETE FORM WORK SHALL CONFORM WITH A.C.I. "RECOMMENDED PRACTICES FOR CONCRETE FORM WORK", ACI 347.
C. ALL CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI. ALL STRUCTURAL CONCRETE SHALL CONFORM WITH A.C.I. "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 301.
D. CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR APPROVAL. MIX DESIGN SHALL INDICATE 7 AND 28 DAYS STRENGTHS, CEMENT CONTENT, AIR CONTENT, WATER CEMENT RATIO, AMOUNT OF FINE AND COARSE AGGREGATES AND ADMIXTURES. ALL EXTERIOR CONCRETE AND CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED (4% TO 6%) UNLESS LOCAL STANDARDS ARE OTHERWISE.
MAXIMUM WATER-CEMENT RATIO = 0.49
MAXIMUM SLUMP LIMIT = 4" +/- 1"
MAXIMUM AGGREGATE SIZE:
FOOTINGS & FOUNDATIONS = 3/4" TO 1 1/2"
SLAB-ON-GRADE = 3/4" TO 1"
CONCRETE FILL = 1/2"
CEMENT SHALL BE PORTLAND CEMENT, TYPE I OR II, CONFORMING TO ASTM C-150.
CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33.
AIR-ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C-260.
NON-SHRINK GROUT SHALL CONFORM TO ASTM C-109.
EXPANSION JOINTS SHALL BE 1/2" THICK ASPHALT IMPREGNATED FIBERBOARD.
JOINT MATERIAL, CONFORMING TO ASTM D-1751, CURING COMPOUND SHALL BE CLEAR, CONFORMING TO ASTM C-309.
E. COLD WEATHER CONCRETE WORK, WHEN APPLICABLE, SHALL CONFORM TO ACI 306.
F. HOT WEATHER CONCRETE WORK, WHEN APPLICABLE, SHALL CONFORM TO ACI 305.
G. SCREED SLABS AT GRADE LEVEL, MAINTAINING SURFACE FLATNESS OF MAXIMUM 1/4" IN 10'-0".
H. ALL BAR REINFORCING FOR CONCRETE TO CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
I. CONCRETE ACCESSORIES TO BE ADEQUATE TO MAINTAIN REINFORCING ACCURATELY IN PLACE AND BE NON-CORROSIVE, NON-STAINING TYPE.
J. LAP ALL BAR REINFORCING PER ACI 318. STAGGER SPLICES IN HORIZONTAL WALLS AND SLABS.
K. REINFORCEMENT COVER, UNLESS NOTED OTHERWISE:
1) FOOTINGS AND GRADE BEAMS - BOTT. 3" - TOP 1-1/2"
2) WALLS - OUTSIDE 2", INSIDE 1"
3) SLABS - 1 1/2" FROM TOP
L. WELDED WIRE FABRIC SHALL HAVE MINIMUM END AND SIDE LAPS OF 1'-0".
M. HILTI HY 200 OR SIMPSON SET 303 EPOXY ADHESIVE IS REQUIRED FOR ALL REBAR DOWELS OR ALL THREAD DRILLED AND EPOXIED INTO CONCRETE.
N. CONCRETE STEEL REINFORCEMENT SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW.

CONCRETE SPECIAL INSPECTION REQUIREMENTS:

- ALL CONCRETE WORK, REINFORCING PLACEMENT, FORM WORK AND SHORING SHALL BE SPECIAL INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER FOR THE FOLLOWING ITEMS:
a. INSPECT FORM WORK AND PLACEMENT OF REINFORCEMENT b. SLUMP PER ASTM C-143. ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR FOR EACH TYPE OF CONCRETE.
c. AIR CONTENT PER ASTM C-173 (VOLUMETRIC) OR ASTM C-231 (PRESSURE), ONE TEST FOR EACH DAY'S POUR FOR EACH TYPE OF CONCRETE.
d. CONCRETE TEMPERATURE - TEST EACH TIME A SET OF COMPRESSION TEST IS TAKEN.
e. COMPRESSION TEST SPECIMEN PER ASTM C-31 (ONE SET OF 4 STANDARD CYLINDERS)
f. COMPRESSION STRENGTH TEST PER ASTM C-39. ONE SET FOR EACH DAY'S POUR FOR EACH TYPE OF CONCRETE PLUS ADDITIONAL SETS FOR EACH 100 cy OVER AND ABOVE THE FIRST 100 cy.
g. TWO SPECIMENS TESTED AT 7 DAYS, ONE SPECIMEN TESTED AT 28 DAYS, AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
h. EPOXIED ALL THREAD AND REBAR DOWELS AND EXPANSION ANCHORS INTO CONCRETE.

STRUCTURAL MASONRY NOTES (CMU):

- A. MASONRY WALLS (AS DESIGNATED ON DWGS) ARE DESIGNED IN ACCORDANCE WITH ACI 530/ASCE 5/TMS 402.
B. CONSTRUCTION SHALL CONFORM TO ACI 530.1/ASCE 6/TMS 602 - LATEST EDITION, SPECIFICATIONS FOR MASONRY STRUCTURES. ALL MASONRY CONSTRUCTED SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
C. THE MASONRY ASSEMBLAGE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI. WELDED BAR REINFORCING FOR MASONRY UNITS SHALL BE MEDIUM WEIGHT AND CONFORM TO ASTM A630 WITH A COMPRESSIVE STRENGTH OF 1900 PSI.
D. MORTAR SHALL BE TYPE S OR M, FRESHLY PREPARED AND UNIFORMLY MIXED AND SHALL CONFORM TO ASTM C270 (A COMPRESSIVE STRENGTH OF 2000 PSI IS REQUIRED).
E. GROUT FOR POURING SHALL BE A FLUID CONSISTENCY AND CONFORM TO ASTM C937. A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI (GROUT IS REQUIRED). ALL CELLS CONTAINING REBAR OR EMBEDDED ITEMS SHALL BE SOLID GROUTED.
F. STANDARD BAR REINFORCING FOR MASONRY SHALL CONFORM TO ASTM A615, GRADE 60. WELDED BAR REINFORCING FOR MASONRY TO CONFORM TO ASTM A706, GRADE 60.
G. ALL REBAR SHALL BE GROUTED FULL HEIGHT USING LOW-LIFT METHOD.
H. ALL BOND BEAMS SHALL BE GROUTED SOLID.
I. CONSOLIDATE GROUT SOLID IN CORES WITH A MECHANICAL VIBRATOR.
J. GROUT SLUMP SHALL BE 7 TO 8 INCHES.
K. ALL CMU WALLS SHALL BE GROUTED SOLID.
L. ALL BELOW GRADE MASONRY SHALL BE GROUTED SOLID.
M. CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATIONS AND SHOP DRAWINGS FOR ALL REINFORCING, BRICK FRAMING UNITS, REINFORCEMENT, AND MIX DESIGNS FOR APPROVAL.
N. HILTI HY 270 OR SIMPSON SET 303 ADHESIVE IS REQUIRED FOR ALL ANCHOR BOLTS, ALL THREAD, AND/OR REBAR DOWELS DRILLED AND EPOXIED INTO MASONRY.
O. DO NOT CUT MAIN REINFORCING OR BREAK OUT BACK SURFACE WHEN DRILLING HOLES. EPOXY ANCHORS ARE TO BE PLACED IN THE CENTER OF CELLS ONLY.
P. SIMPSON TITEN HD ANCHORS MAY BE USED IN LIEU OF EPOXIED ALL THREAD.
Q. CMU STEEL REINFORCEMENT SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW.

MASONRY SPECIAL INSPECTION REQUIREMENTS:

- ALL STRUCTURAL MASONRY WORK, REINFORCING PLACEMENT AND SHORING SHALL BE SPECIAL INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER FOR LEVEL B SPECIAL INSPECTION REQUIREMENTS PER TMS 402/ACI 530/ASCE 5 INCLUDING THE FOLLOWING:

- 1. REVIEW MATERIAL CERTIFICATES FOR BLOCK REINFORCEMENT, MORTAR AND GROUT. (PERIODIC)
2. AS MASONRY CONSTRUCTION BEGINS:
a. PROPORTIONS OF SITE-PREPARED MORTAR. (PERIODIC)
b. CONSTRUCTION OF MORTAR JOINTS. (PERIODIC)
c. LOCATION OF REINFORCEMENT, CONNECTORS, AND ANCHORAGES. (PERIODIC)
3. PRIOR TO GROUTING:
a. GROUT SPACE. (PERIODIC)
b. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS. (PERIODIC)
c. PLACEMENT OF REINFORCEMENT AND CONNECTORS. (PERIODIC)
d. PROPORTIONS OF SITE-PREPARED GROUT. (PERIODIC)
e. CONSTRUCTION OF MORTAR JOINTS. (PERIODIC)
4. DURING CONSTRUCTION:
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS. (PERIODIC)
b. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION. (PERIODIC)
c. WELDING OF REINFORCEMENT. (CONTINUOUS)
d. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEGREES) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEGREES). (PERIODIC)
e. PLACEMENT OF GROUT. (CONTINUOUS)
5. PREPARATION OF (3) CMU PRISMS SHALL BE OBSERVED. (PERIODIC)
6. POST INSTALLED ANCHORS
a. EPOXIED ALL THREAD AND REBAR DOWELS. (CONTINUOUS)
b. SIMPSON TITEN HD SCREW ANCHORS. (PERIODIC INSPECTION OF HOLES IS REQUIRED PRIOR TO SCREW INSTALLATION.)

STRUCTURAL STEEL NOTES:

- A. STEEL SHALL CONFORM TO THE "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" LATEST EDITION, OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
B. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, EXCEPT AS MODIFIED BELOW.
C. ALL STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A500, GRADE B.
D. ALL STEEL PIPE COLUMNS SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, OR ASTM A201.
E. ALL MISCELLANEOUS STRUCTURAL STEEL SHALL BE ASTM A36.
F. ALL HEADED STUDS SHALL CONFORM TO ASTM A-108, GRADE 1015 OR 1020.
G. ALL ANCHOR RODS SHALL CONFORM TO ASTM F1554 GRADE 36.
H. ALL WELDS SHALL CONFORM TO THE "STRUCTURAL WELDING CODE (STEEL)", AWS D1.1, LATEST EDITION.
I. BOLTS FOR STEEL TO STEEL CONNECTIONS SHALL BE ASTM A325-X BOLTS, INSTALLED TO A "SNUG TIGHT" CONDITION AND TORQUE TO 50 FT-LBS.
J. BOLTS FOR WOOD TO WOOD OR WOOD TO STEEL SHALL BE ASTM A307, UNLESS NOTED OTHERWISE. PROVIDE STANDARD PLATE WASHERS UNDER ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD. INSTALL, FINGER TIGHT. DO NOT OVER TIGHTEN.
K. ALL BOLTS, NUTS, AND WASHERS SHALL BE IN ACCORDANCE WITH THE LATEST SPECIFICATIONS APPROVED BY THE RESEARCH COUNCIL ON RIVETED AND BOLTED STRUCTURAL JOINTS.
L. ALL STRUCTURAL STEEL SHALL BE SHOP PRIMED WITH TWO COATS IN ACCORDANCE WITH AISC RECOMMENDATIONS.
M. STRUCTURAL STEEL SHOP DRAWINGS, PREPARED BY THE STEEL SUBCONTRACTORS, SHOWING COMPLETE DIMENSIONS, DETAILS, SIZES AND GRADES OF STEEL MEMBERS AND CONNECTIONS, TYPE AND NUMBER OF WELDS AND BOLTS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION OF THE STEEL COMPONENTS. THE STRUCTURAL STEEL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING, VERIFICATION AND COORDINATION OF DIMENSIONS AND DETAILS WITH THE STRUCTURAL AND OTHER PORTIONS OF THE CONTRACT DRAWINGS.
N. THE STEEL FABRICATOR SHALL BE AISC CERTIFIED.

STRUCTURAL STEEL SPECIAL INSPECTION REQUIREMENTS:

- a. THE FOLLOWING VERIFICATIONS AND INSPECTIONS ARE REQUIRED FOR STRUCTURAL STEEL CONSTRUCTION:

- 1) MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS.
a) IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. - PERIODIC
b) MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED. - PERIODIC
2) INSPECTION OF HIGH STRENGTH BOLTING:
a) BEARING-TYPE CONNECTIONS. - PERIODIC
b) SLIP-CRITICAL CONNECTIONS. - CONTINUOUS
3) MATERIAL VERIFICATION OF STRUCTURAL STEEL:
a) IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. - PERIODIC
b) MANUFACTURER'S CERTIFIED MILL TEST REPORTS. - PERIODIC
4) INSPECTION OF WELDING:
a) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS. - CONTINUOUS
b) MULTI-PASS FILLET WELDS. - CONTINUOUS
c) SINGLE-PASS FILLET WELDS GREATER THAN 5/16". - CONTINUOUS
d) SINGLE-PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16". - PERIODIC
e) FLOOR AND DECK WELDS. - PERIODIC

STEEL ROOF DECK NOTES:

- A. STEEL ROOF DECK SHALL CONFORM TO AISI SPECIFICATION FOR THE DESIGN OF LIGHT GAUGE, COLD-FORMED STRUCTURAL STEEL MEMBERS AND THE STEEL DECK INSTALLED IN ACCORDANCE WITH THE DESIGN REQUIREMENTS. STEEL ROOF DECK SHALL CONFORM TO ASTM A-611, GRADE C, D OR E, OR FROM A-653-94 STRUCTURAL QUALITY GRADE 33 OR HIGHER.
B. STEEL ROOF DECK, UNLESS SPECIFIED OTHERWISE, SHALL BE 1 1/2" DEEP, 20 GAUGE MINIMUM, TYPE "B".
C. STEEL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS, AND SHALL BE FASTENED TO THE SUPPORTS AT UNIT ENDS AND AT INTERMEDIATE SUPPORTS. SEE ROOF DECK ATTACHMENT DETAIL ON THIS SHEET FOR ATTACHMENT REQUIREMENTS.
D. SEE ROOF DECK ATTACHMENT REQUIREMENTS ON SHEET S2.0

ROOF DECK SPECIAL INSPECTION REQUIREMENTS:

- STEEL ROOF DECK ERECTION SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER FOR THE FOLLOWING ITEMS:
a. REVIEW MATERIALS CERTIFICATIONS. (PERIODIC)
b. VISUALLY INSPECT LAYOUT OF DECK UNITS. (PERIODIC)
c. VISUALLY INSPECT DECK ATTACHMENTS. (PERIODIC)

STEEL ROOF JOIST NOTES:

- A. ALL OPEN WEB STEEL JOISTS, BRIDGING, AND ACCESSORIES SHALL BE DESIGNED, MANUFACTURED, AND ERECTED IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE STEEL JOIST INSTITUTE AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
B. PROVIDE JOISTS OF SIZE AND AT SPACES SHOWN ON THE DRAWINGS. JOISTS SHALL BE DESIGNED FOR ALL LOADS (INCLUDING SPECIAL AXIAL & POINT LOADS) SHOWN ON THE ROOF FRAMING PLAN AND AS NOTED.
C. ALL JOISTS SHALL BE DESIGNED FOR A 300 LB. AXIAL LOAD (IN COMBINATION WITH VERTICAL LOADS) APPLIED TO THE TOP CHORD UNLESS NOTED OTHERWISE ON THE DRAWINGS.
D. ALL JOISTS SHALL BE DESIGNED TO SUPPORT A POINT LOAD OF 250 LBS, APPLIED TO THE BOTTOM CHORD AT ANY POINT IN ADDITION TO THE LOADS SHOWN ON THE PLANS.
E. ALL JOISTS SHALL BE DESIGNED TO SUPPORT A UNIFORM DEAD LOAD OF 10 PSF APPLIED TO THE BOTTOM CHORD. THIS LOAD MAY BE A PORTION OF THE DEAD LOAD SPECIFIED ON THE ROOF FRAMING PLAN.
F. ALL JOISTS SHALL BE DESIGNED TO SUPPORT A POINT LOAD OF 800 LBS FOR FUTURE MECH. UNITS. THIS LOAD IS TO BE APPLIED TO THE TOP CHORD IN ADDITION TO THE LOADS SHOWN ON THE PLANS.
G. ALL JOISTS SHALL BE DESIGNED FOR WIND UPLIFT LOADING PER ASCE 7-16.
H. GIRDER JOISTS TO BE DESIGNED FOR POINT LOADS AS SHOWN ON ROOF FRAMING PLANS.
I. THE JOIST MANUFACTURER SHALL SUBMIT DESIGNS AND SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW.
J. INSTALLATION AND CONNECTIONS OF ALL JOISTS AND BEAMS SHOULD FOLLOW MANUFACTURER'S RECOMMENDATIONS AND THE DRAWINGS.
K. ATTACH JOIST BRIDGING TO WALLS PER DETAIL G-S5.0.
L. ALL JOISTS TO BE FABRICATED WITH SLOPED BEARING SEATS. SEE DRAWINGS TO DETERMINE EXACT ROOF SLOPE.

LIGHT GAUGE STEEL FRAMING:

- A. STEEL IS TO BE ASTM A446 GRADE D (FY = 50 KSI) FOR 97 MIL, 68 MIL, AND 54 MIL.
B. STEEL IS TO BE ASTM A446 GRADE A (FY = 35 KSI) FOR 45 MIL AND LIGHTER.
C. ALL FABRICATION, ERECTION, AND IDENTIFICATION OF LIGHT GAUGE STEEL FRAMING SHALL CONFORM WITH OSSC SECTION 2210 AND AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
D. FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS.
E. FASTENING OF COMPONENTS UTILIZING WELDING SHALL BE AS FOLLOWS:
1) WELDS SHALL BE OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION.
2) ALL WELDING SHALL CONFORM WITH AWS SPECIFICATIONS. TOUCH UP WELDS WITH ZINC-RICH PAINT.
3) WELDERS SHALL BE AWS CERTIFIED FOR LIGHT GAUGE METAL WELDING.
4) WELDING ELECTRODES SHALL BE E60XX.
F. STEEL STUDS SHALL BE "S" STUDS WITH STIFFENED LIPS, UNLESS NOTED OTHERWISE. SIZE AND GAUGE AS NOTED ON DRAWINGS.
G. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
H. SPLICES IN AXIALLY LOADED STUDS SHALL NOT BE PERMITTED.
I. EACH FLANGE OF STUDS SHALL BE SECURELY ATTACHED TO FLANGES OF BOTH UPPER AND LOWER RUNNERS.
J. WHEN METAL STUDS ARE USED IN BEARING WALL CONSTRUCTION, STUDS MUST FIT TIGHTLY INTO THE TOP AND BOTTOM TRACKS. END GAPS WILL NOT BE ALLOWED.
K. PROVIDE BLOCKING AS RECOMMENDED BY THE JOIST MANUFACTURER AND NOTED ON THE PLANS.

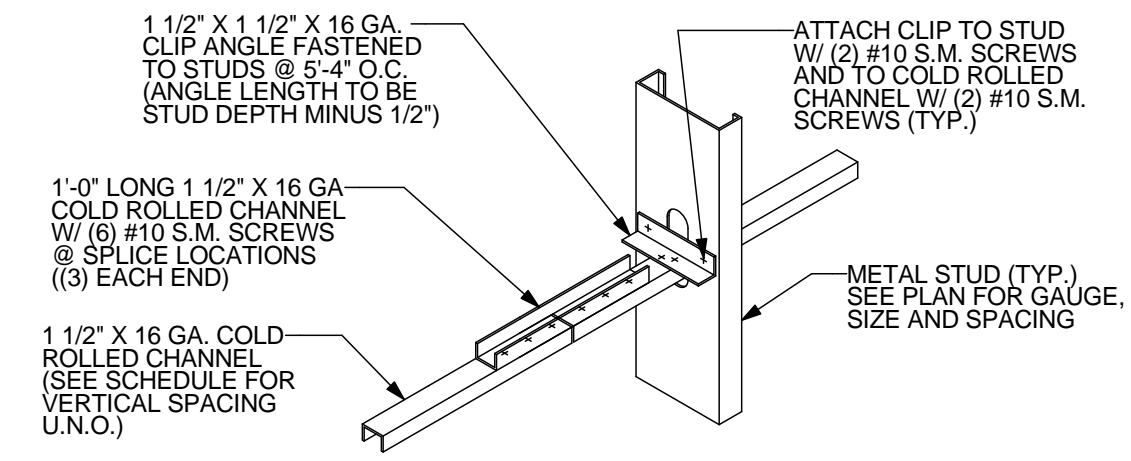
WOOD GENERAL NOTES:

- A. WOOD FRAMING TO BE #2 DOUGLAS FIR OR BETTER UNLESS NOTED OTHERWISE ON THE PLANS.
B. LULLAM BEAMS/RAFTERS TO BE ATTACHED TO STRUCTURE PER THE FRAMING PLANS AND STRUCTURAL DETAILS.
C. PROVIDE SOLID BLOCKING BETWEEN RAFTERS AT ALL BEARING LOCATIONS.
D. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER, FASTENERS OTHER THAN NAILS, TIMBER RIVETS, WOOD SCREWS AND LAG SCREWS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 686, CLASS B. MINIMUM CONNECTORS THAT ARE USED IN EXTERIOR APPLICATIONS AND IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL HAVE COATING TYPES AND WEIGHTS IN ACCORDANCE WITH THE TREATED WOOD OR CONNECTOR MANUFACTURER'S RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS, A MINIMUM OF ASTM A653, TYPE G185 ZINC-COATED GALVANIZED STEEL OR EQUIVALENT, SHALL BE USED.

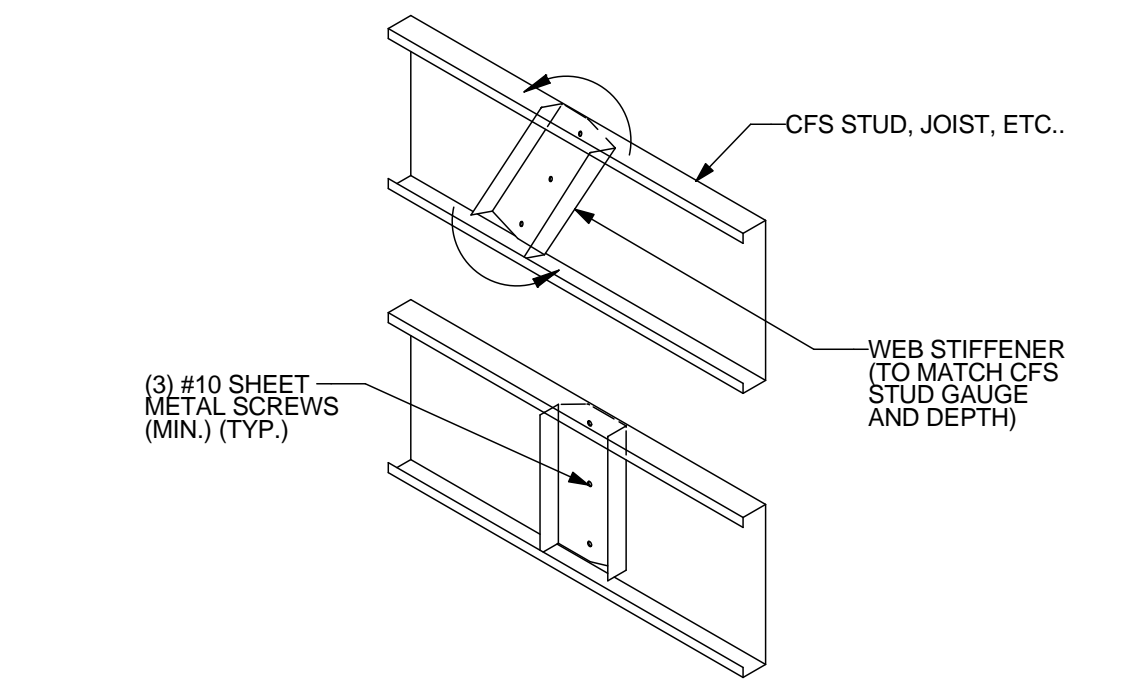
STRUCTURAL OBSERVATIONS:

ENGINEER OF RECORD SHALL BE NOTIFIED 4 BUSINESS DAYS IN ADVANCE OF REQUIRED STRUCTURAL OBSERVATIONS. THE STRUCTURAL OBSERVATIONS REQUIRED ARE AS FOLLOWS:

- 1) AS SOON AS FOUNDATION REINFORCEMENT IS IN PLACE, BUT PRIOR TO POURING CONCRETE.
2) AS SOON AS FIRST LIFT OF MASONRY WALL IS IN PLACE, BUT PRIOR TO POURING GROUT.
3) AS SOON AS ROOF FRAMING AND DECKING IS IN PLACE, BUT PRIOR TO INSULATION INSTALLATION.



A LATERAL BRACING @ BEARING WALLS NOT TO SCALE



B CFS WEB STIFFENER (TYP.) NOT TO SCALE

Professional Engineer Registration Information for Paul L. Schroeder, Oregon, expires 6/30/26.

Table with columns for Revisions: No., Date, Description.

PROJECT: GROCERY OUTLET (SHELL PACKAGE)
LOCATION: 4951 BIDDLE ROAD CENTRAL POINT, OR 97502

SHEET TITLE: STRUCTURAL NOTES
CLIENT: DICKERHOOF PROPERTIES

STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

Table with columns: JOB NO. (24-0510), DATE (01/08/2025), DRAWN (PS), SCALE (AS SHOWN), SHEET.

S0.0



NO.	DATE	DESCRIPTION	REVISIONS
1	02/14/25		

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
 LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **FOUNDATION PLAN**
 CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
 777 NE 2ND ST SUITE 280
 P.O. BOX 2646, CORVALLIS, OR 97339
 TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
 DATE: 01/08/2025
 DRAWN: PS
 SCALE: AS SHOWN

SHEET **S1.0**

CMU WALL SCHEDULE

WALL MARK	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	WALL END VERT. REINF.	HORIZ. REINF. AT ROOF DIAPHRAGM	PARAPET VERT. REINFORCEMENT	NOTES
A	#5 BARS @ 24" O.C.	(2) #4 BARS @ 24" O.C.	(2) #5 BARS (1) EACH FACE	(4) #4 BARS (2) PER CELL	SAME AS WALL	1) 8" CMU WALL (SOLID GROUTED) 2) VERTICAL #5 BARS @ 16" O.C. ABOVE OPENINGS 3) HORIZ. #4 BARS @ 24" O.C. ABOVE OPENINGS
B	#5 BARS @ 24" O.C.	(2) #4 BARS @ 24" O.C.	(2) #5 BARS (1) EACH FACE	(4) #4 BARS (2) PER CELL	SAME AS WALL	1) 8" CMU WALL (SOLID GROUTED) 2) VERTICAL #5 BARS @ 16" O.C. ABOVE OPENINGS 3) HORIZ. #4 BARS @ 24" O.C. ABOVE OPENINGS 4) HORIZ. #4 BARS @ 32" O.C. ABOVE OPENINGS
C	#5 BARS @ 24" O.C.	(2) #4 BARS @ 24" O.C.	(2) #5 BARS (1) EACH FACE	(4) #4 BARS (2) PER CELL	SAME AS WALL	1) 8" CMU WALL (SOLID GROUTED) 2) HORIZ. #4 BARS @ 32" O.C. ABOVE OPENINGS

NOTE: SEE DETAILS A, B, C, D, & E ON SHEET S4.2 FOR ADDITIONAL CMU WALL REQUIREMENTS

SPREAD FOOTING SCHEDULE

MARK	FTG. SIZE (LxWxH)	FTG. REINFORCEMENT	TOP OF FTG.	COMMENTS
F1	5'-3" x 5'-3" x 20" FTG.	#5 BARS @ 8" O.C. EW T&B	1272.33 (-8' AFF)	SEE DETAIL B-S4.0
F2	6'-6" x 6'-6" x 20" FTG.	#5 BARS @ 8" O.C. EW T&B	1272.33 (-8' AFF)	SEE DETAIL F-S4.0
F3	7'-3" x 7'-3" x 14" FTG.	#5 BARS @ 8" O.C. EW	1271.67 (-16' AFF)	SEE DETAIL D-S3.0
F4	7'-4" x 4'-6" x 12" FTG.	#5 BARS @ 8" O.C. EW	1271.67 (-16' AFF)	SEE DETAIL E-S4.2
F5	6'-9" x 6'-9" x 14" FTG.	#5 BARS @ 8" O.C. EW	1272.33 (-8' AFF)	SEE DETAIL A-S4.0
F6	5'-3" x 5'-3" x 12" FTG.	#5 BARS @ 8" O.C. EW T&B	1269.67 (-40' AFF)	SEE DETAIL C-S4.0
F7	5'-3" x 5'-3" x 12" FTG.	#5 BARS @ 8" O.C. EW T&B	1267.67 (-64' AFF)	SEE DETAIL C-S4.0

CONCRETE PIER SCHEDULE

MARK	PIER SIZE (LxWxH)	PIER REINFORCEMENT	TOP OF PIER	COMMENTS
CP1	24" x 16" x 32" PIER	(12) VERTICAL #5 BARS	1272.33 (-8' AFF)	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES
CP2	24" x 16" x 56" PIER	(12) VERTICAL #5 BARS	1272.33 (-8' AFF)	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES

CONTINUOUS FOOTING SCHEDULE

MARK	FTG. SIZE (WxH)	FTG. REINFORCEMENT	TOP OF FTG.	COMMENTS
CF1-F	1'-6" x 12" CONT. FTG.	(2) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL H-S4.0
CF1-S	1'-6" x 12" CONT. FTG.	(2) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL J-S4.0
CF2	2'-0" x 12" CONT. FTG.	(3) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL L-S4.0 @ WALLS AND G-S4.0 @ OPENINGS
CF2-C	2'-0" x 12" CONT. FTG.	(3) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL B-S4.1
CF3	2'-9" x 12" CONT. FTG.	(4) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL L-S4.0 @ WALLS AND G-S4.0 @ OPENINGS
CF3-C	2'-9" x 12" CONT. FTG.	(4) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL M-S4.0 @ WALLS AND G-S4.0 @ OPENINGS
CF4 (OFFSET)	3'-0" x 12" CONT. FTG.	(4) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL N-S4.0
CF5 (OFFSET)	3'-4" x 12" x 12" CONT. FTG.	(4) CONT. #5 BARS	1271.67 (-16' AFF)	SEE DETAIL N-S4.0
CF6	2'-0" x 12" CONT. FTG.	(3) CONT. #5 BARS	1269.67 (-40' AFF)	SEE DETAIL L-S4.0 @ WALLS AND G-S4.0 @ OPENINGS
CF7 (OFFSET)	3'-0" x 12" CONT. FTG.	(4) CONT. #5 BARS	1269.67 (-40' AFF)	SEE DETAIL N-S4.0
CF8 (OFFSET)	3'-0" x 12" CONT. FTG.	(4) CONT. #5 BARS	1267.67 (-64' AFF)	SEE DETAIL L-S4.0 @ CMU WALL AND E-S4.1 @ CONCRETE WALL

LINTEL REINFORCEMENT SCHEDULE

MARK	TYPE	ROUGH OPENING (W x H)	BOT OF OPENING	TOP OF OPENING	COMMENTS
L1	TYPICAL	3'-4" x 7'-4"	0'-0" (AFF)	7'-4" (AFF)	SEE DETAIL C-S4.2
L2	SPECIAL	7'-4" x 9'-4"	0'-0" (AFF)	9'-4" (AFF)	SEE DETAIL D-S4.2
L3	SPECIAL	9'-4" x 10'-4"	0'-0" (AFF)	10'-0" (AFF)	SEE DETAIL D-S4.2
L4	SPECIAL	12'-0" x 6'-0"	4'-0" (AFF)	10'-0" (AFF)	SEE DETAIL D-S4.2
L5	SPECIAL	33'-4" x 12'-0" (SEE ELEV.)	SEE ELEV.	12'-0" (AFF)	SEE DETAIL D-S4.2

COLUMN SCHEDULE

MARK	SIZE	COMMENTS
C1	HSS5X5X5/16"	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES
C2	HSS7X5X3/8"	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES
C3	HSS7X7X3/8"	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES
C4	HSS8X4X3/8"	SEE FOOTING SCHEDULE FOR DETAIL REFERENCES

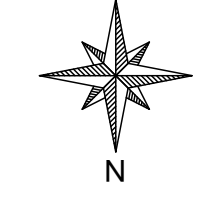
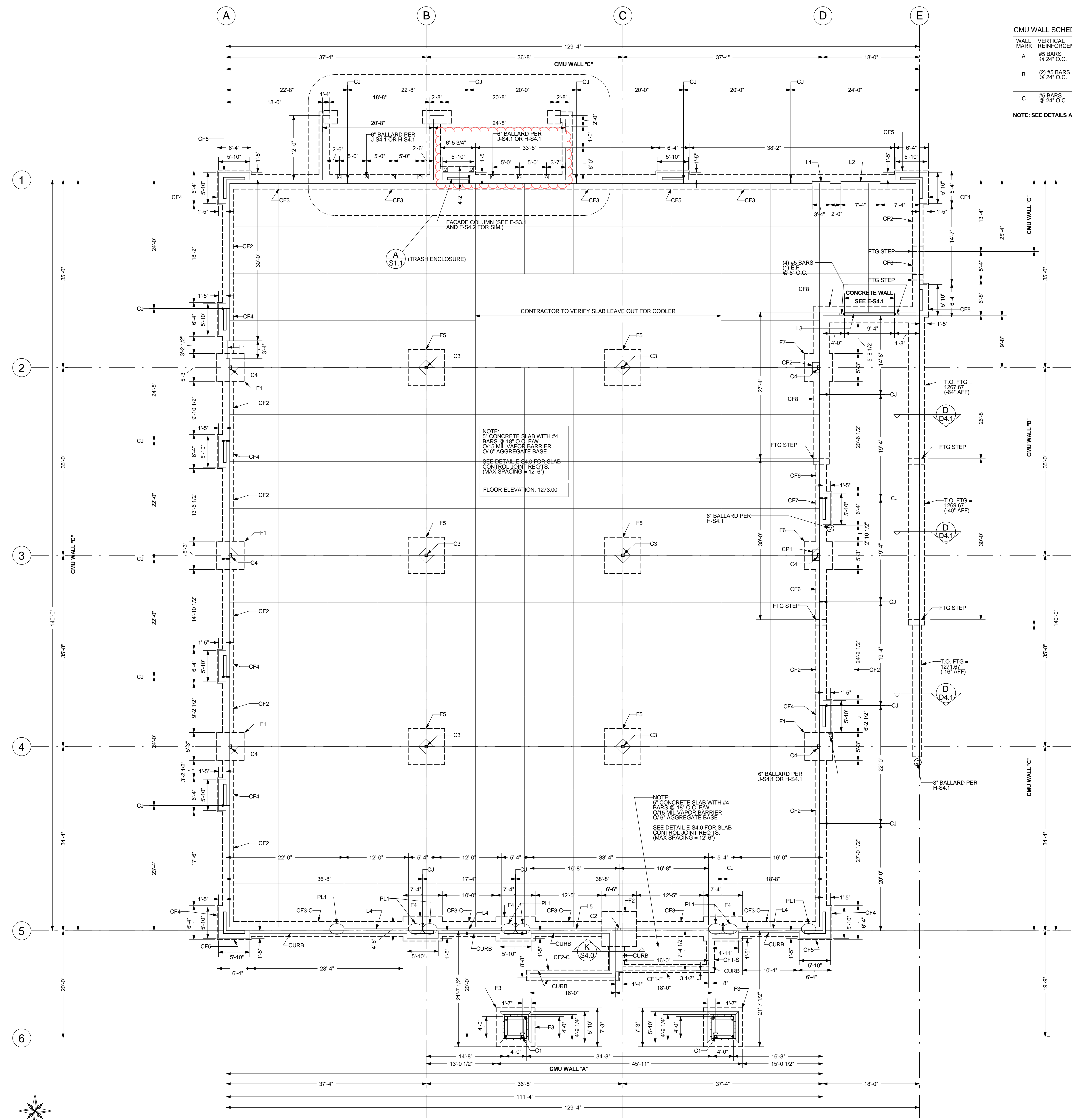
NOTE: SEE SPREAD FOOTING SCHEDULE FOR ADDITIONAL DETAIL REFERENCES

PILASTER SCHEDULE

MARK	LENGTH	COMMENTS
PL1	32'	SEE DETAIL E-S4.2

CONTROL JOINT SCHEDULE

MARK	LOCATION	COMMENTS
CJ	SEE PLAN	SEE DETAIL C-S4.2



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



IMPORTANT NOTE:
PROPOSED MECHANICAL UNIT LOCATIONS
ARE TO BE PROVIDED TO THE EOR AND
VERIFIED PRIOR TO CONSTRUCTION.

NO.	DATE	DESCRIPTION	REVISIONS
1	02/14/25		

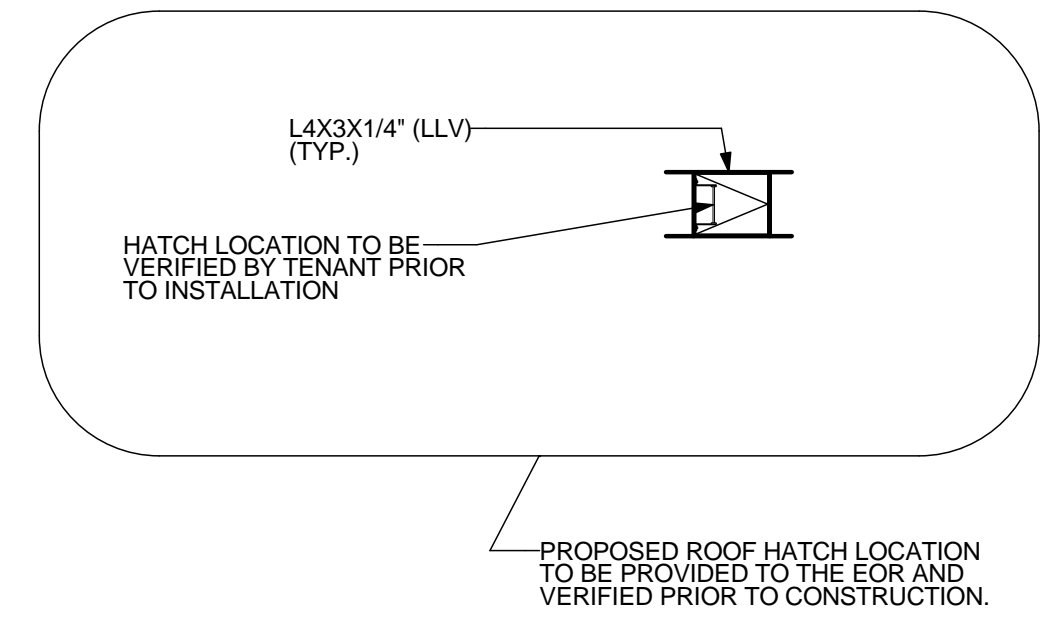
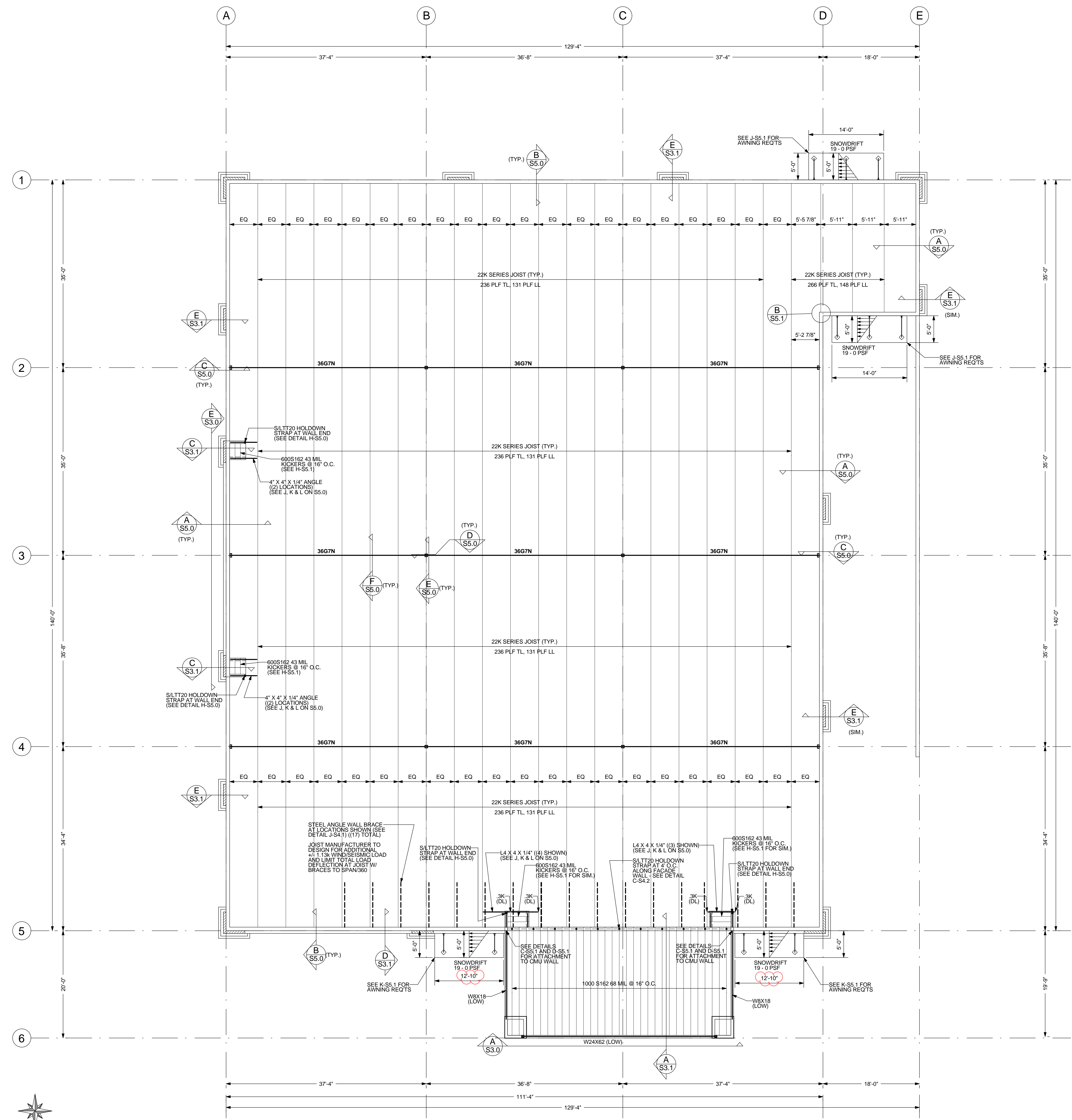
PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
 LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **ROOF FRAMING PLAN**
 CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
 777 NE 2ND ST SUITE 280
 P.O. BOX 2646, CORVALLIS, OR 97339
 TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
 DATE: 01/08/2025
 DRAWN: PS
 SCALE: AS SHOWN

SHEET **S2.0**



ROOF LOADS (ASD)

LOAD TYPE	LOAD	NOTES/REMARKS
SNOW LOAD (SL)	25 PSF	APPLIED OVER ENTIRE ROOF AREA. SEE PLAN FOR RESULTANT LOAD ON EACH JOIST.
SNOW DRIFT (SD)	SEE PLAN	SEE PLAN FOR SNOW DRIFT REQUIREMENTS. DRIFT LOADS ARE IN ADDITION TO THE UNIFORM LOADS.
DEAD LOAD (DL)	20 PSF	APPLIED OVER ENTIRE ROOF AREA. SEE PLAN FOR RESULTANT LOAD ON EACH JOIST.
NET WIND UPLIFT (WL)	-10 PSF	APPLIED OVER ENTIRE ROOF AREA.

NOTE: SEE PLAN FOR ALL LOADING REQUIREMENTS NOT PROVIDED IN TABLE.

ROOF JOIST LOADS (ASD)

LOAD	LOAD	NOTES/REMARKS
AXIAL LOAD (WIND/SEISMIC)	3.5K (U.N.O.)	APPLIED TO TOP CHORD OF EACH JOIST. THIS LOAD IS IN ADDITION TO THE UNIFORM LOADS.
TOP CHORD POINT LOAD (DL)	.8K (U.N.O.)	APPLIED @ ANY LOCATION ALONG THE TOP CHORD OF JOIST. THIS LOAD IS IN ADDITION TO THE UNIFORM LOADS.
BOT CHORD POINT LOAD (DL)	.25K (U.N.O.)	APPLIED @ ANY LOCATION ALONG THE BOT CHORD OF JOIST. THIS LOAD IS IN ADDITION TO THE UNIFORM LOADS.
BOT CHORD DIST. LOAD (DL)	10 PSF	APPLIED ALONG THE BOTTOM CHORD OF EACH JOIST. THIS LOAD IS APPLIED AS A PORTION OF THE TOTAL DEAD LOAD.

NOTE: SEE PLAN FOR ALL LOADING REQUIREMENTS NOT PROVIDED IN TABLE.

ROOF GIRDER LOADS (ASD)

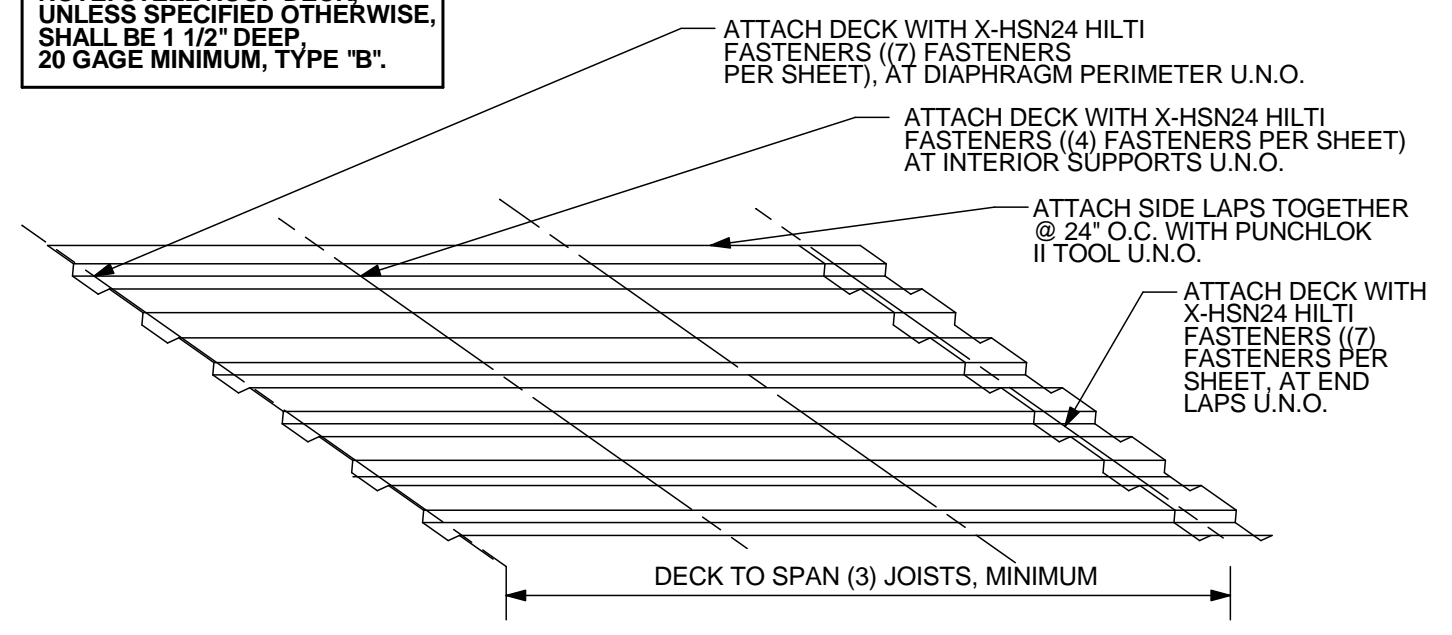
LOAD	LOAD	NOTES/REMARKS
RESULTANT POINT LOAD (TL)	10K (U.N.O.)	LOAD IS APPLIED @ EA JOIST BEARING LOCATION ALONG GIRDER. RESULTANT FORCE INCLUDES LOADS FROM COMPOSING JOIST. GIRDER LOADS ARE INDEPENDENT OF ALL OTHER TABLED LOADS.

NOTE: SEE PLAN FOR ALL LOADING REQUIREMENTS NOT PROVIDED IN TABLE.

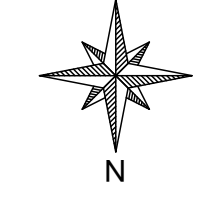
HOLDOWN SCHEDULE

HOLDOWN NUMBER	ANCHOR BOLT REQ'T	STUD BOLT/SCREW REQ'T	STUD REQ'T	THREADED ROD
S11T20 (AT ROOF)	N/A	SCREWS	(9) 8/10 TO BACK	1/2"

NOTE: STEEL ROOF DECK, UNLESS SPECIFIED OTHERWISE, SHALL BE 1/2" DEEP 20 GAGE MINIMUM, TYPE 'B'.

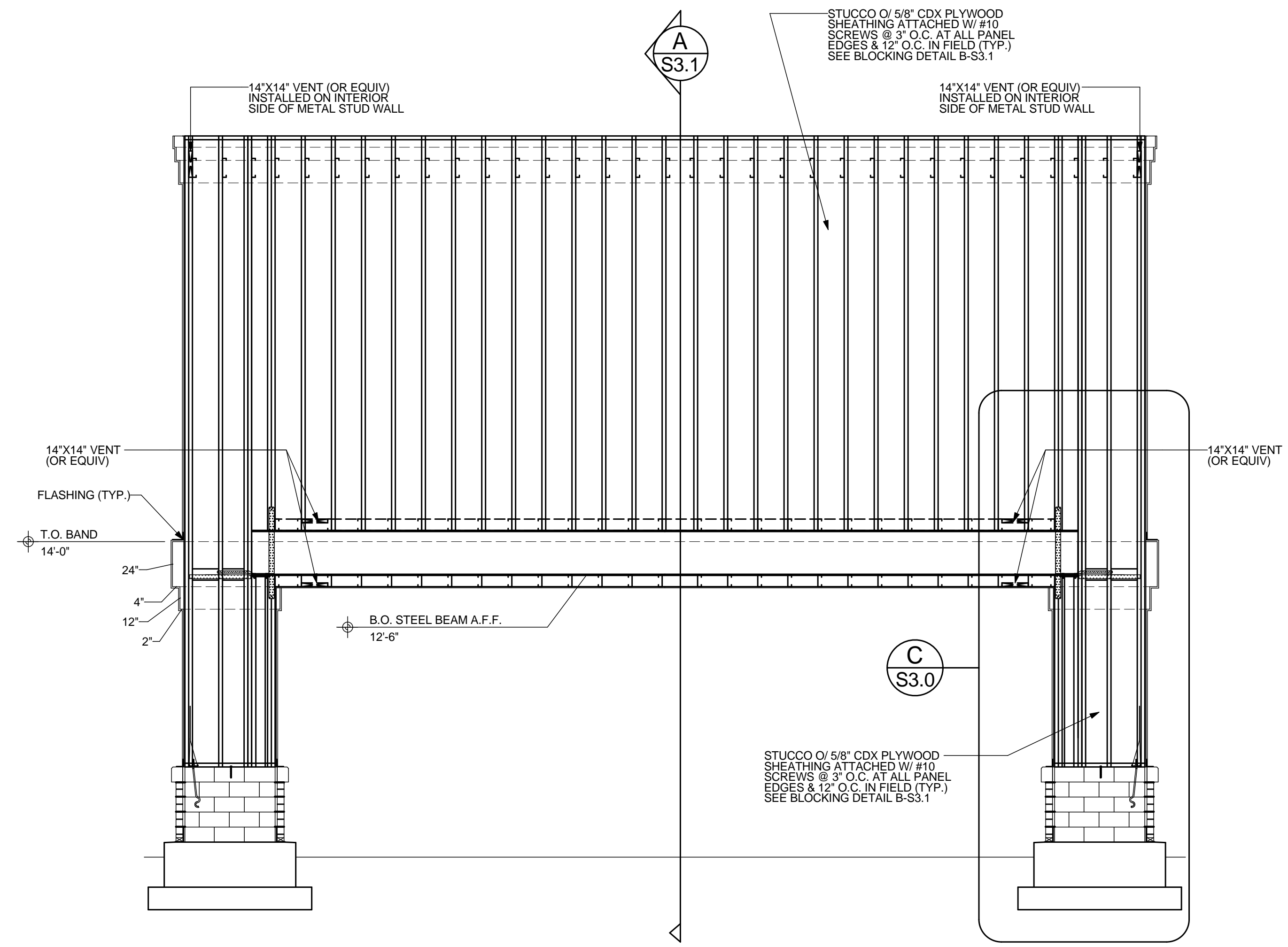


S2.0 ROOF DECK ATTACHMENT REQUIREMENTS
NOT TO SCALE

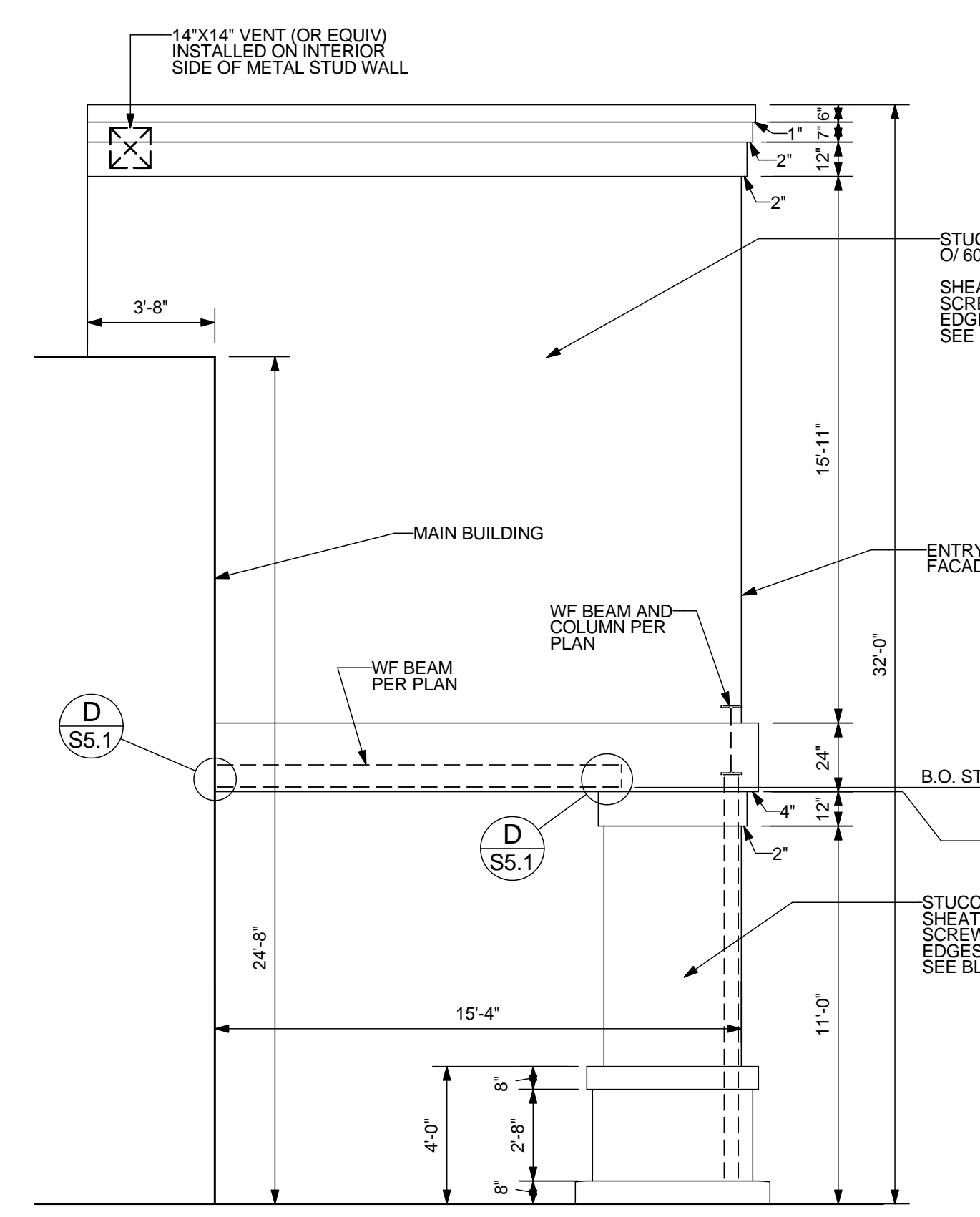


S2.0 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

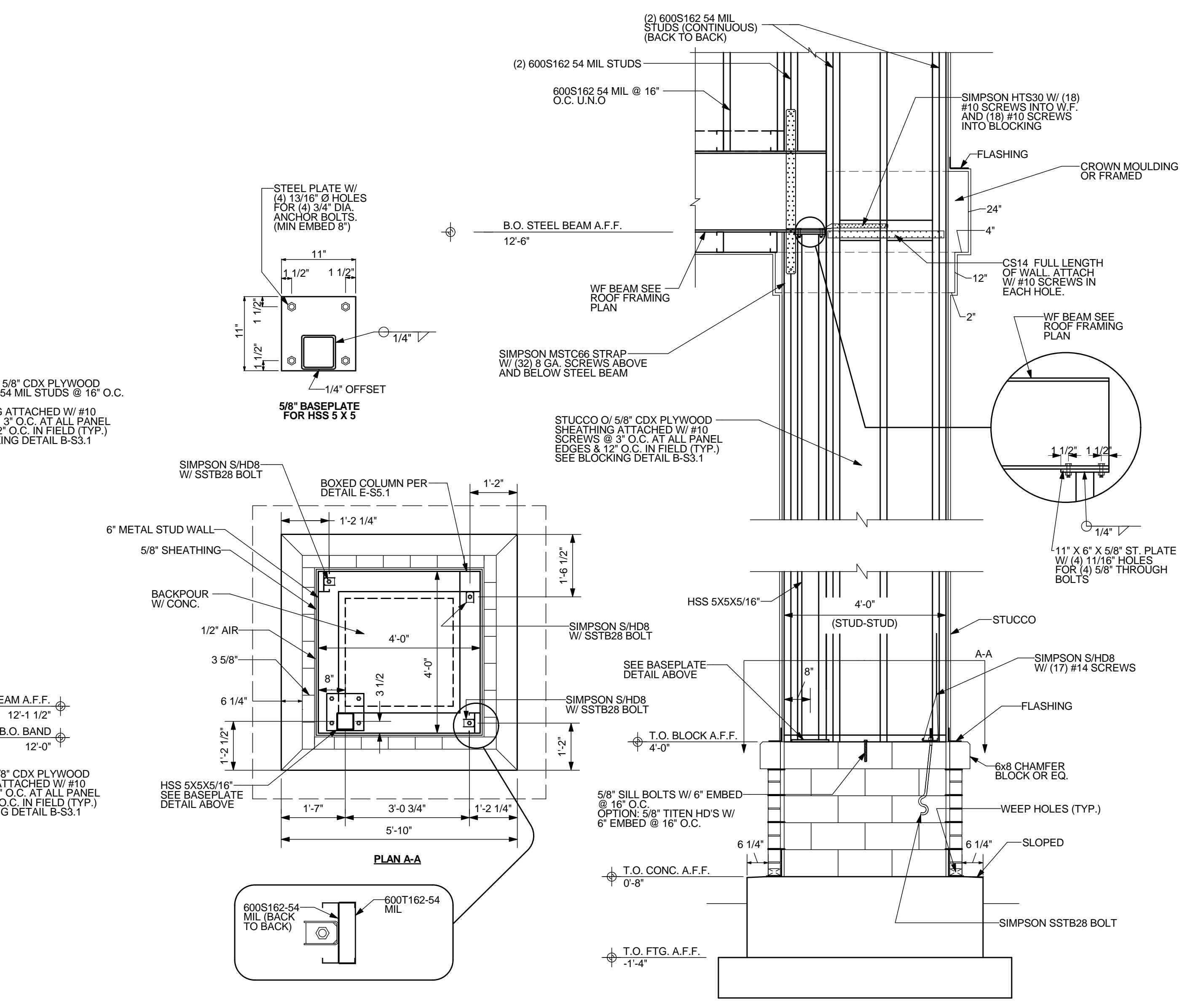
REGISTERED PROFESSIONAL ENGINEER
 PAUL L. SCHROEDER
 EXPIRES: 6/30/26



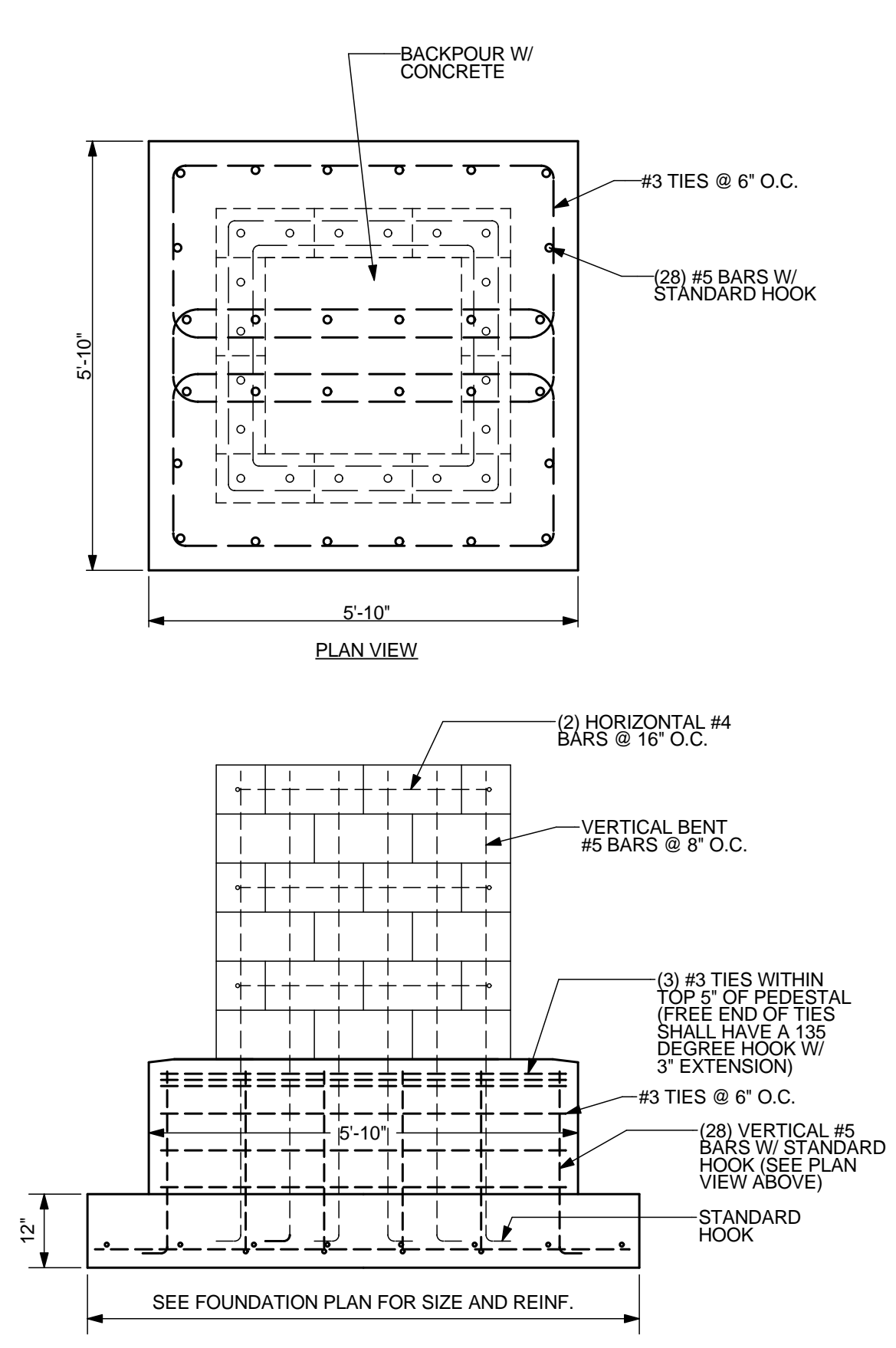
A ENTRY FACADE
SCALE: 1/4" = 1'-0"



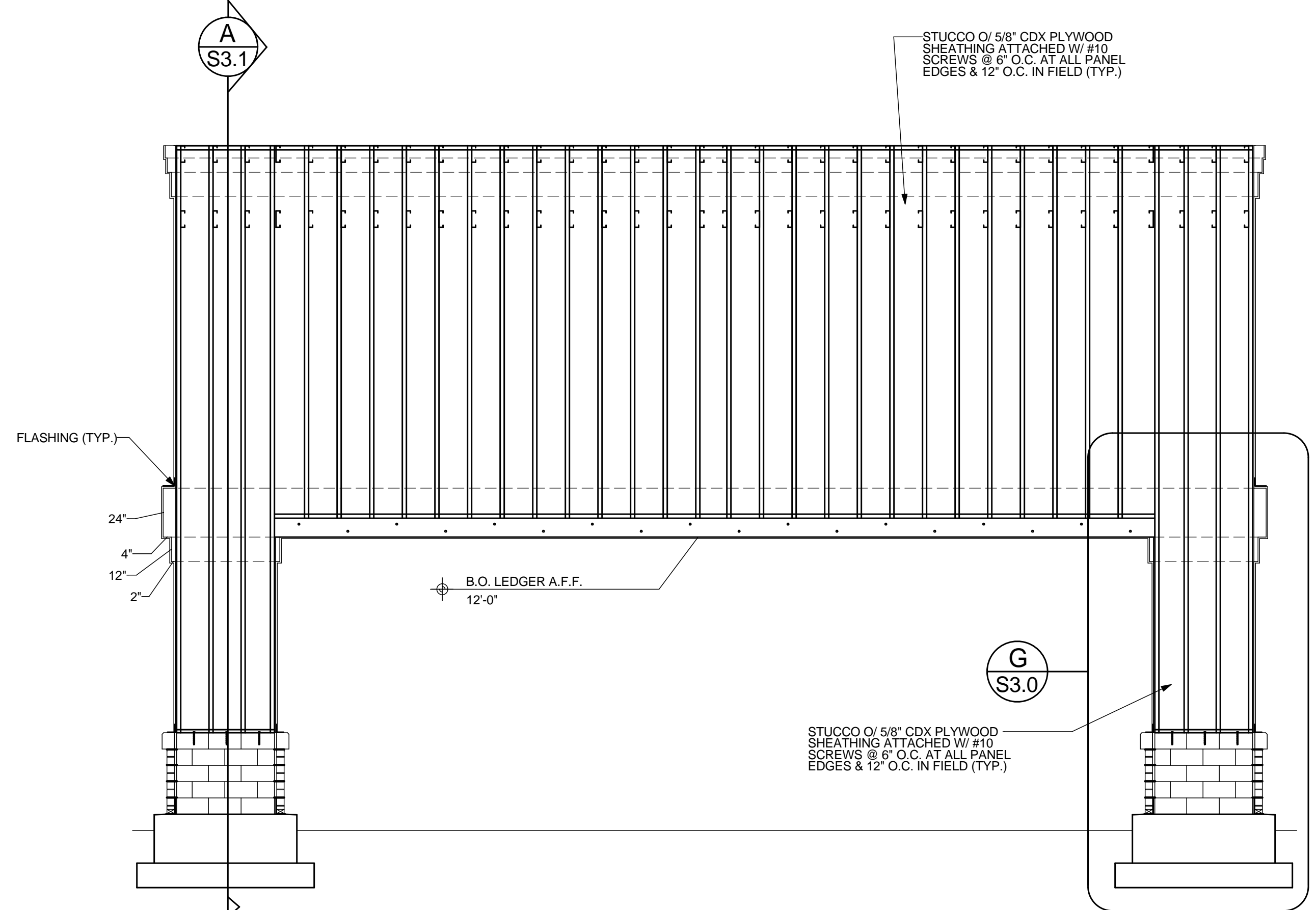
B SIDE ELEVATION
SCALE: 1/4" = 1'-0"



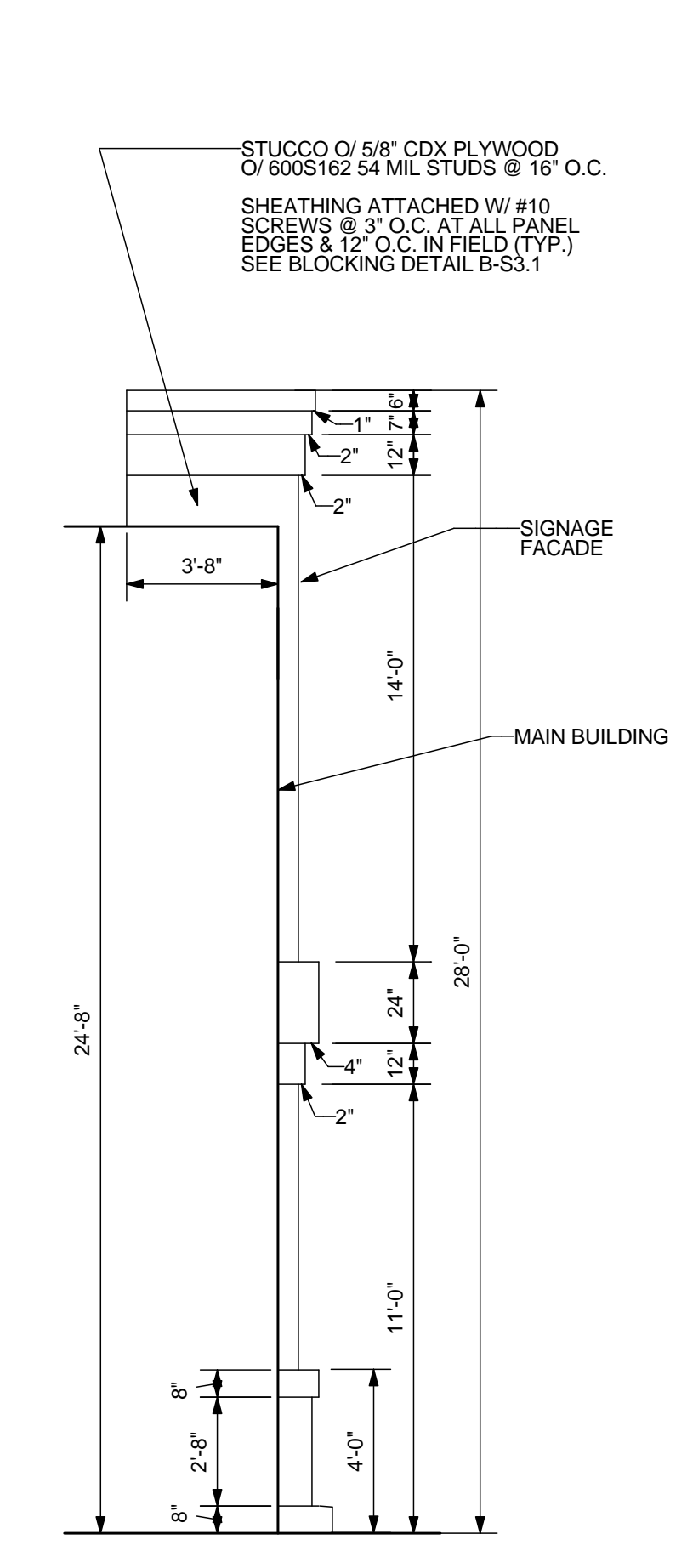
C ENTRY FACADE DETAIL
SCALE: 1/2" = 1'-0"



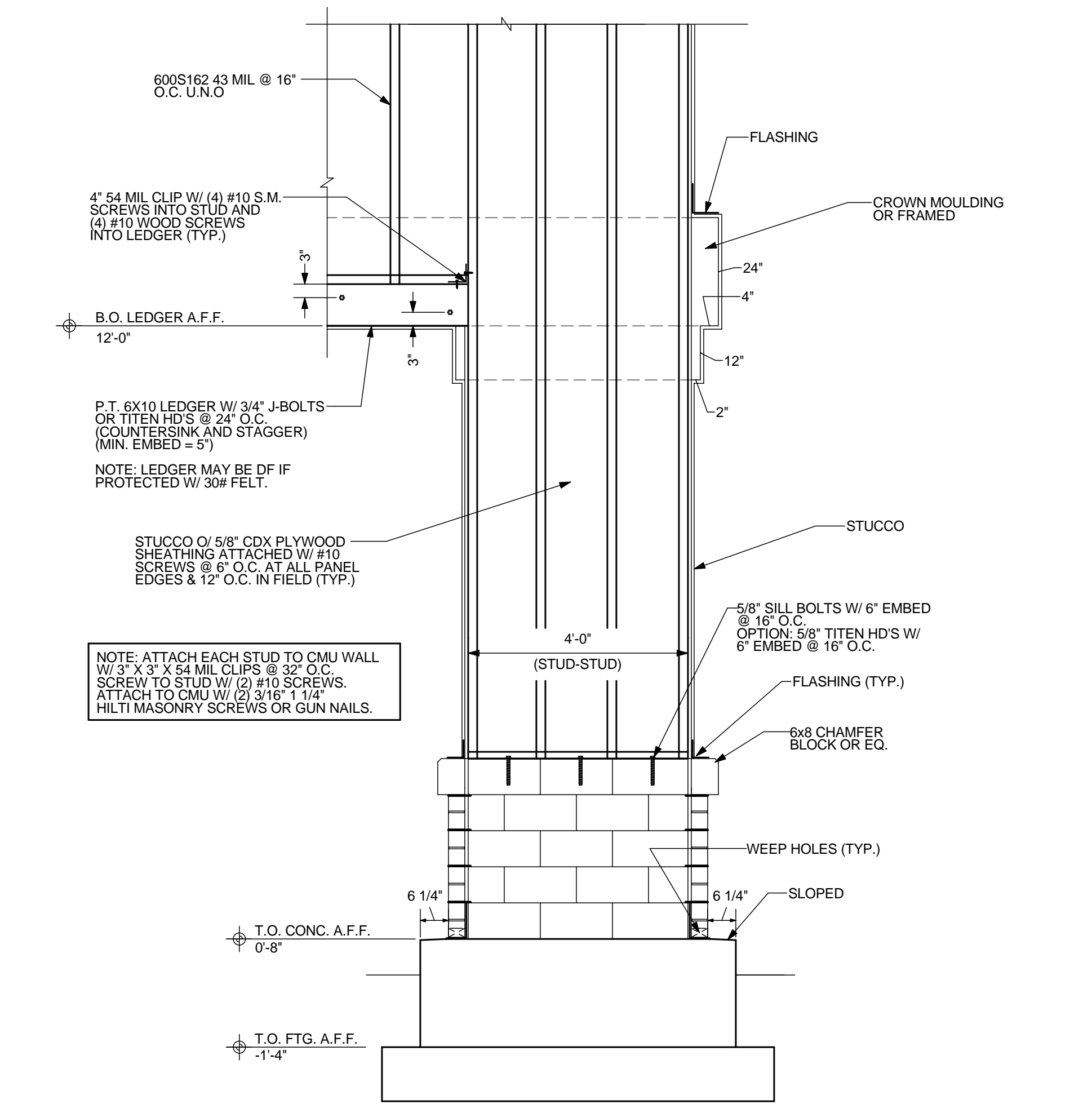
D ENTRY FACADE PIER
SCALE: 1/2" = 1'-0"



E SIGNAGE FACADE
SCALE: 1/4" = 1'-0"



F SIDE ELEVATION
SCALE: 1/4" = 1'-0"



G SIGNAGE FACADE DETAIL
SCALE: 1/2" = 1'-0"

REVISIONS

No.	DATE	DESCRIPTION

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
 LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

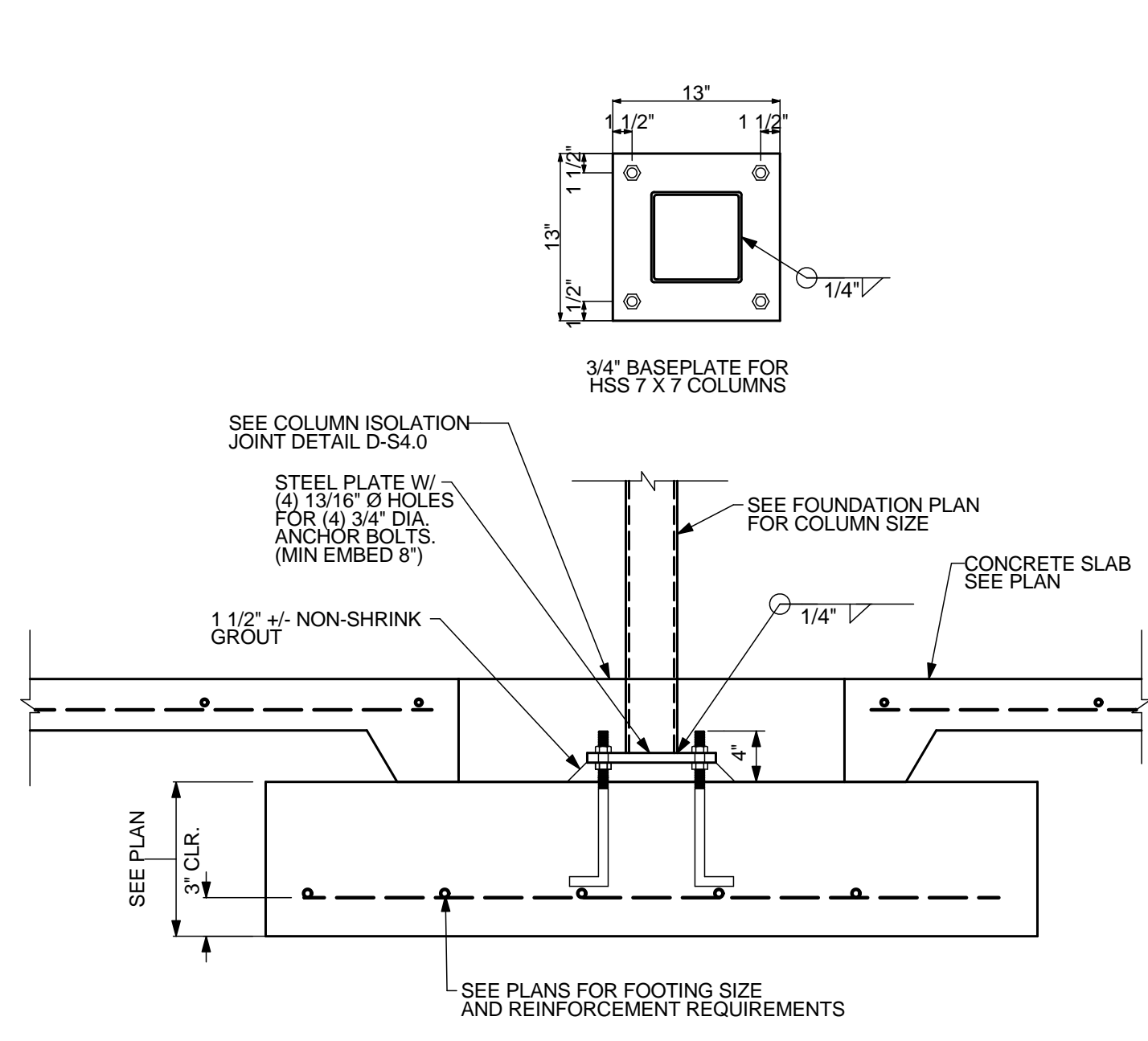
SHEET TITLE: **STRUCTURAL SECTIONS**
 CLIENT: **DICKERHOOF PROPERTIES**

STABILITY ENGINEERING INC.
 777 NE 2ND ST SUITE 280
 P.O. BOX 2646, CORVALLIS, OR 97339
 TEL: (541)223-5360 FAX: (541)223-5278

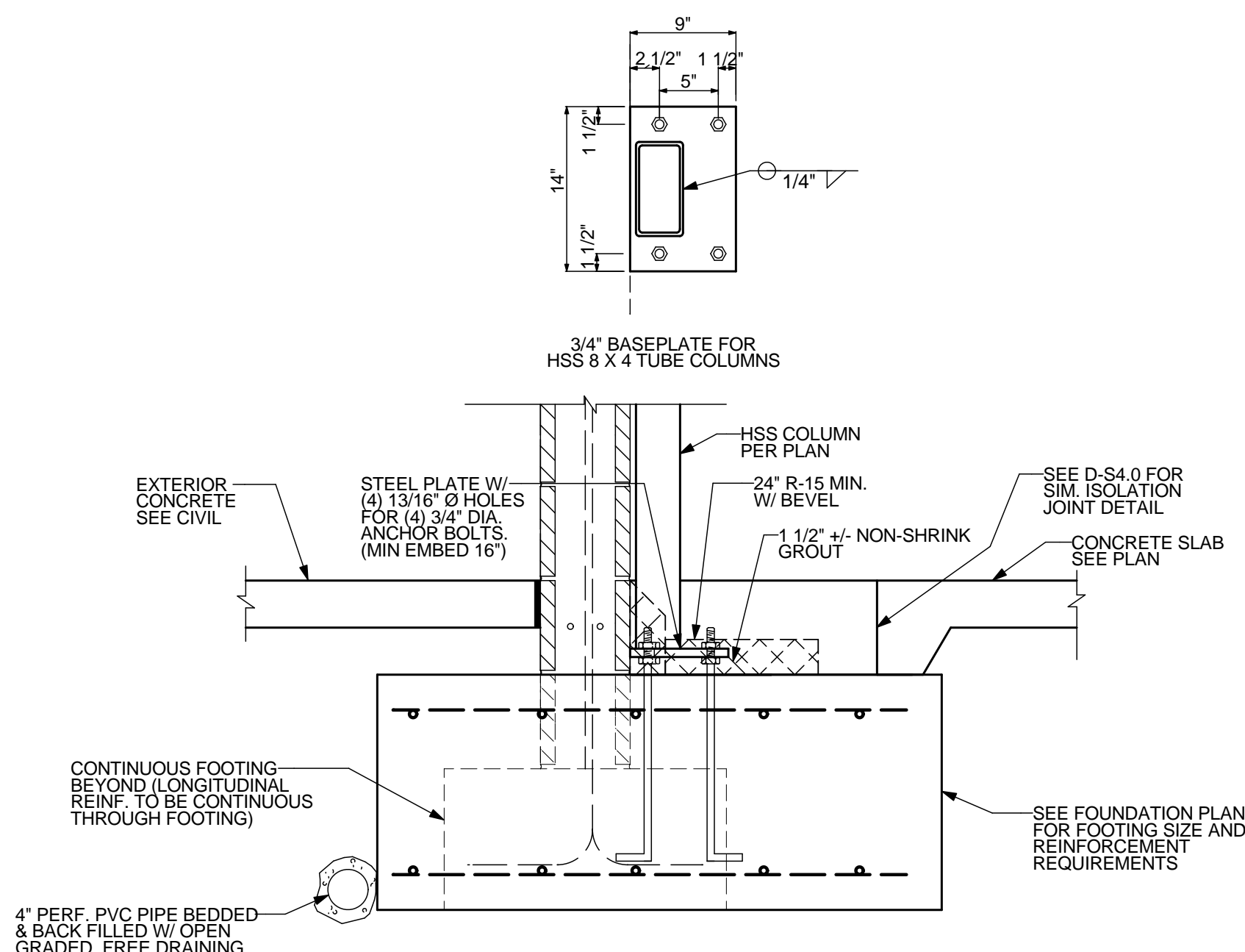
JOB NO. 24-0510
 DATE: 01/08/2025
 DRAWN: PS
 SCALE: AS SHOWN
 SHEET: **S3.0**



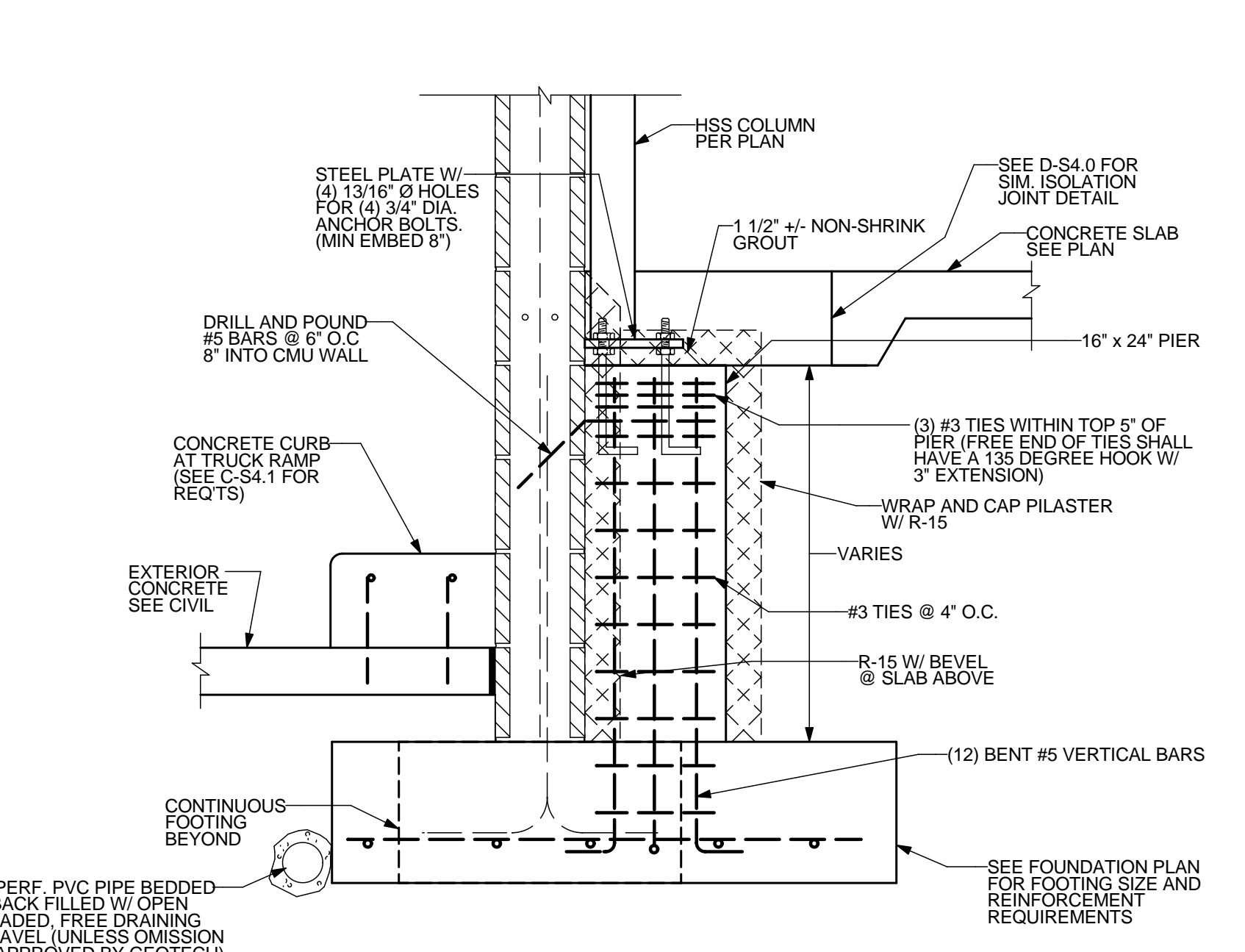
No.	DATE	DESCRIPTION



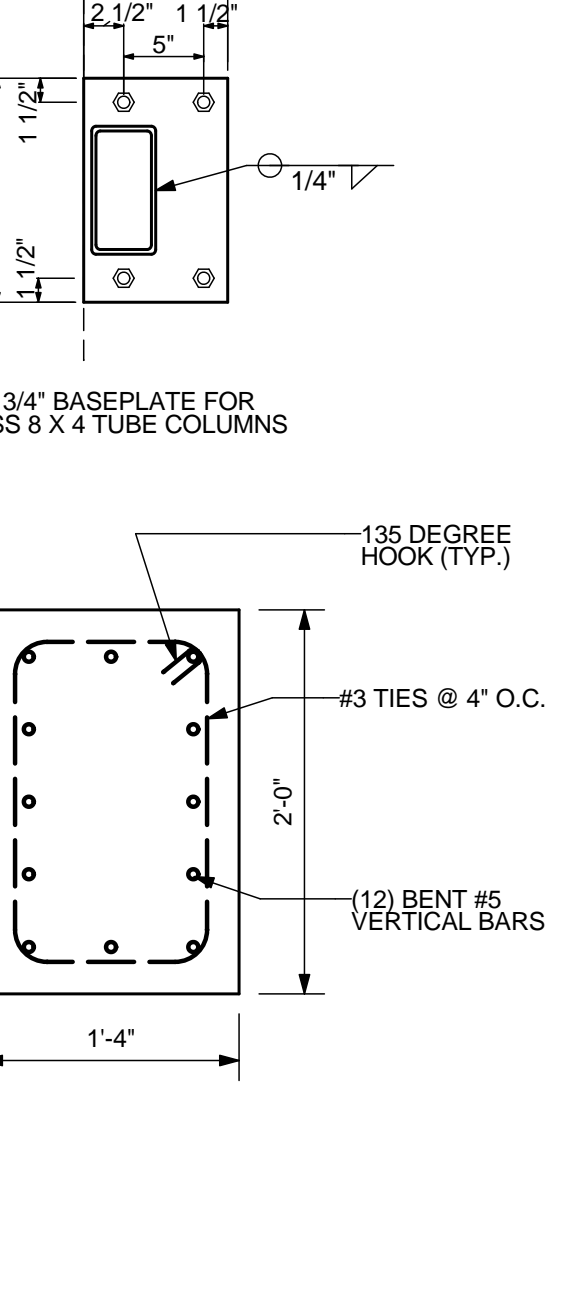
A COLUMN FOOTING DETAIL
S4.0 SCALE: 1" = 1'-0"



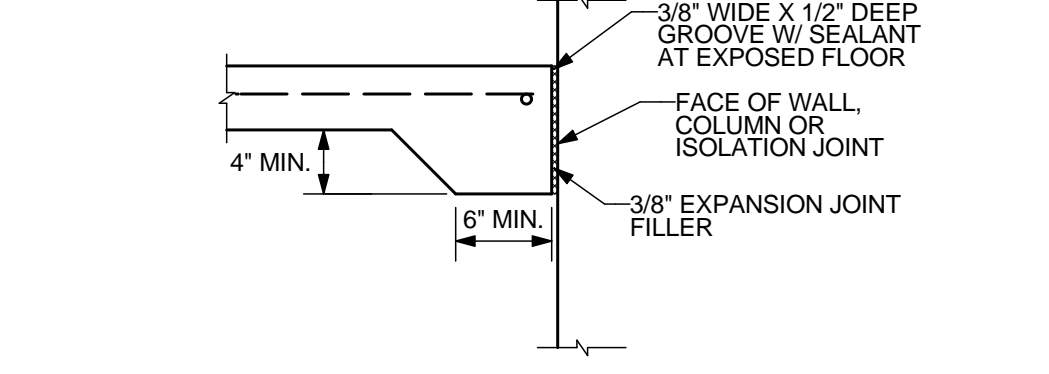
B FOOTING DETAIL
S4.0 SCALE: 1" = 1'-0"



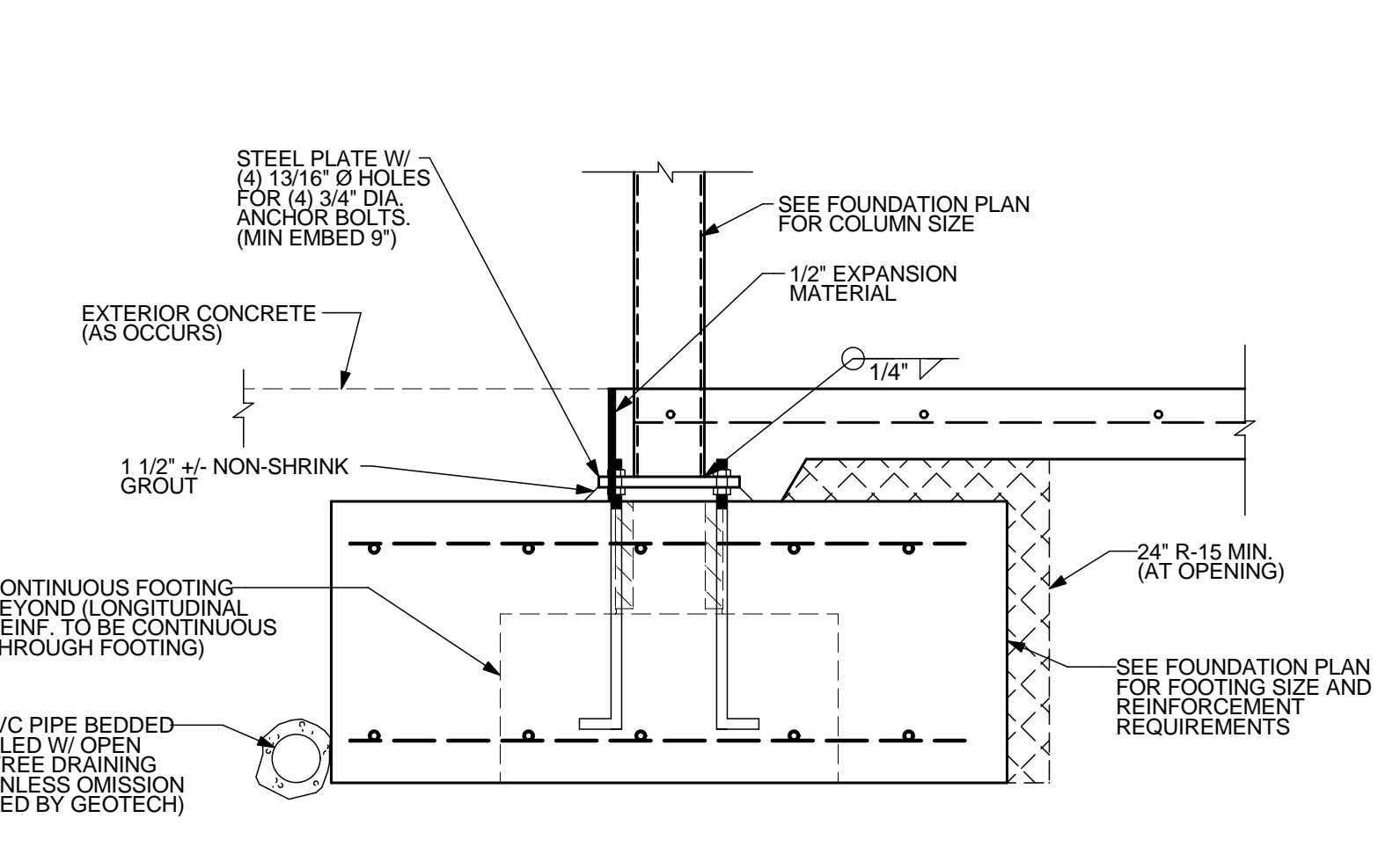
C FOOTING DETAIL
S4.0 SCALE: 1" = 1'-0"



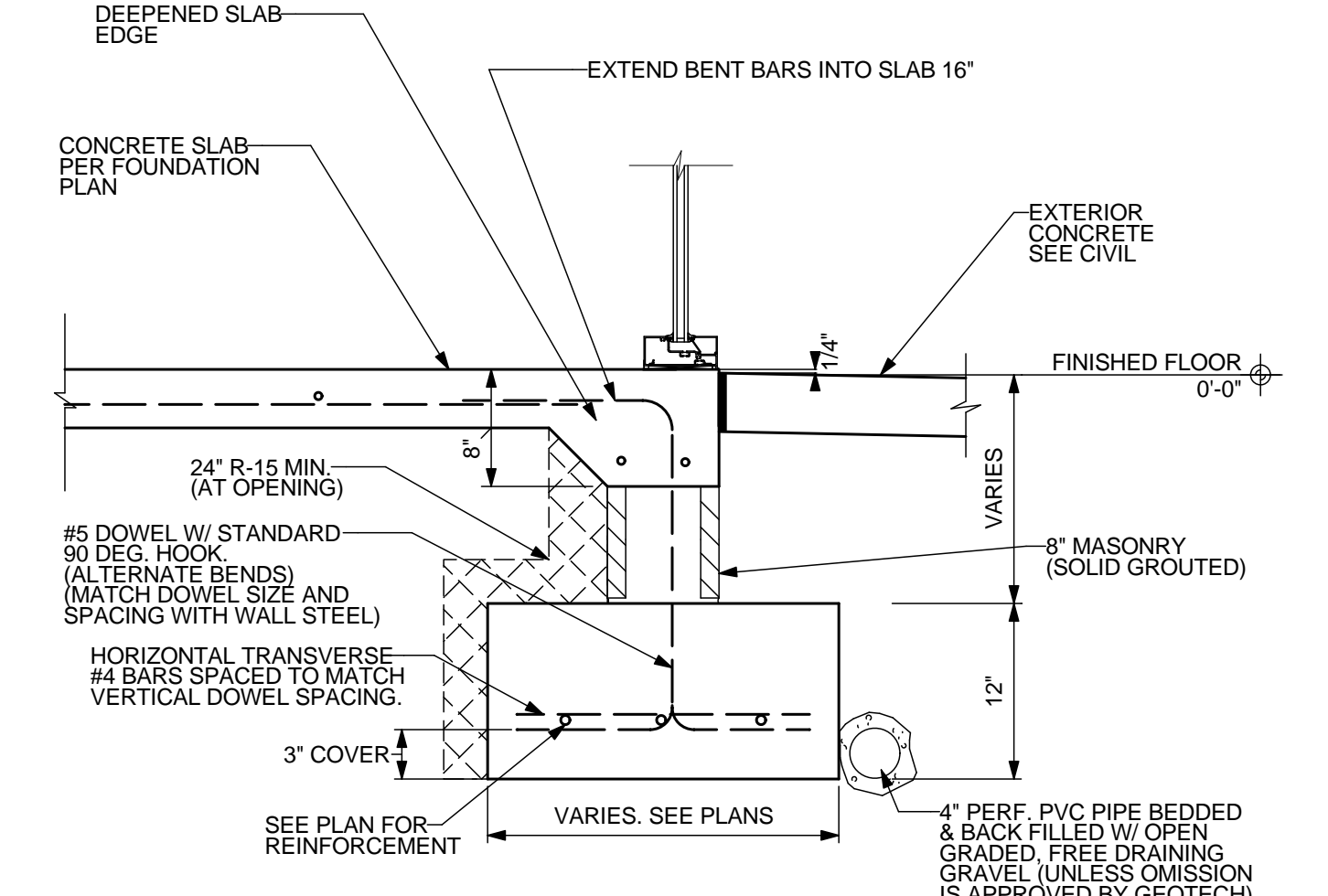
D COLUMN ISOLATION JOINT
S4.0 NOT TO SCALE



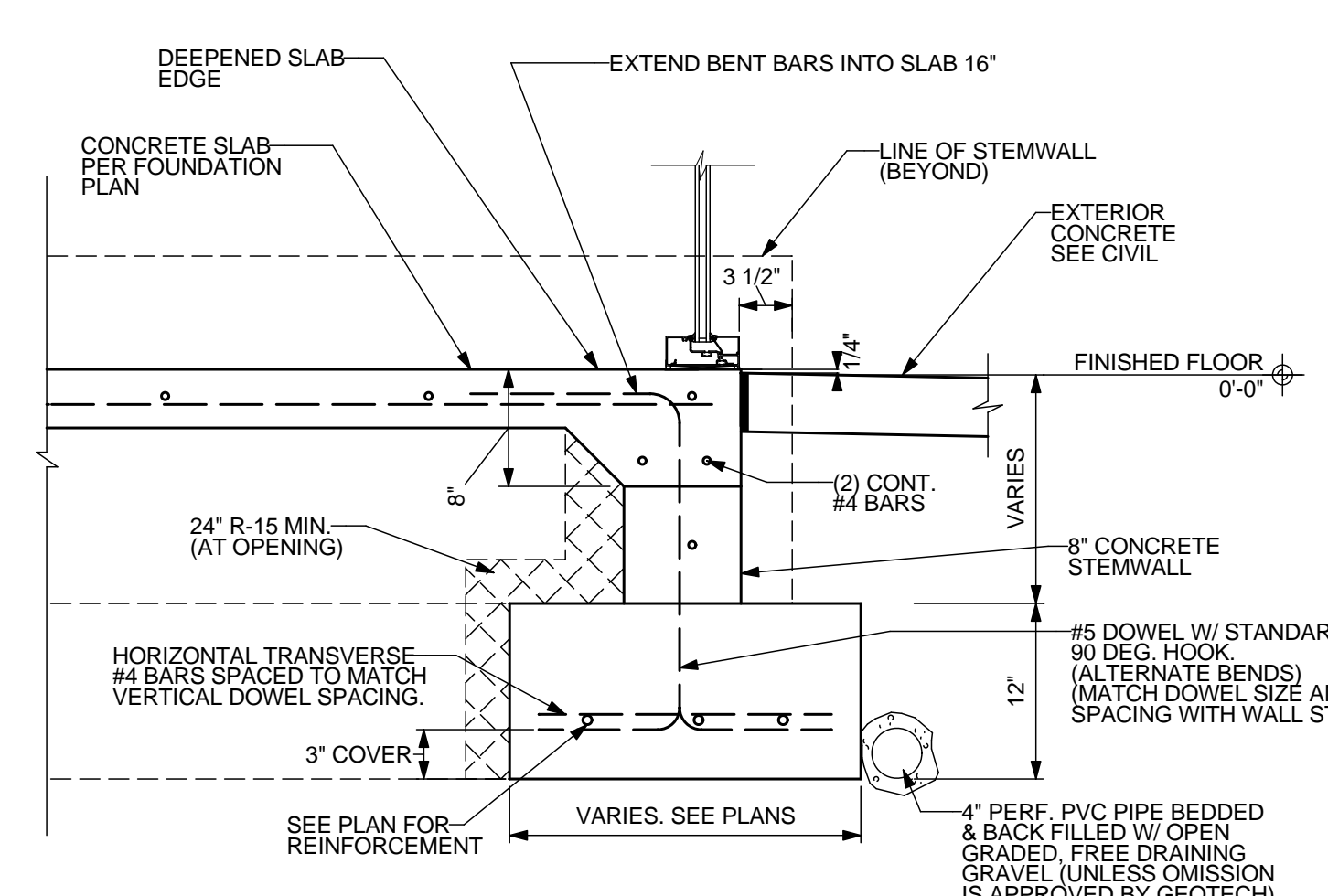
E DEEPENED SLAB DETAIL
S4.0 NOT TO SCALE



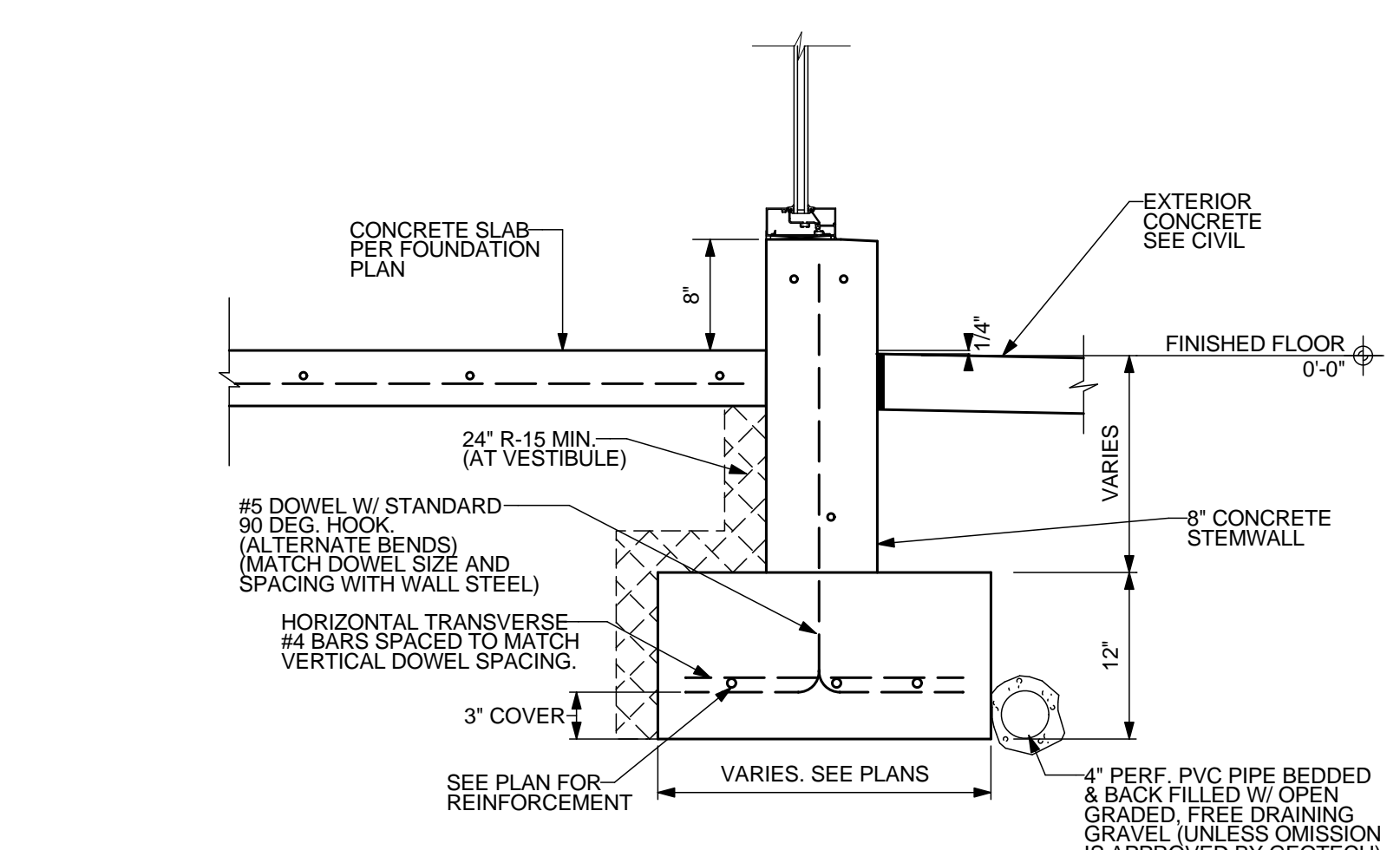
F COLUMN FOOTING DETAIL
S4.0 SCALE: 1" = 1'-0"



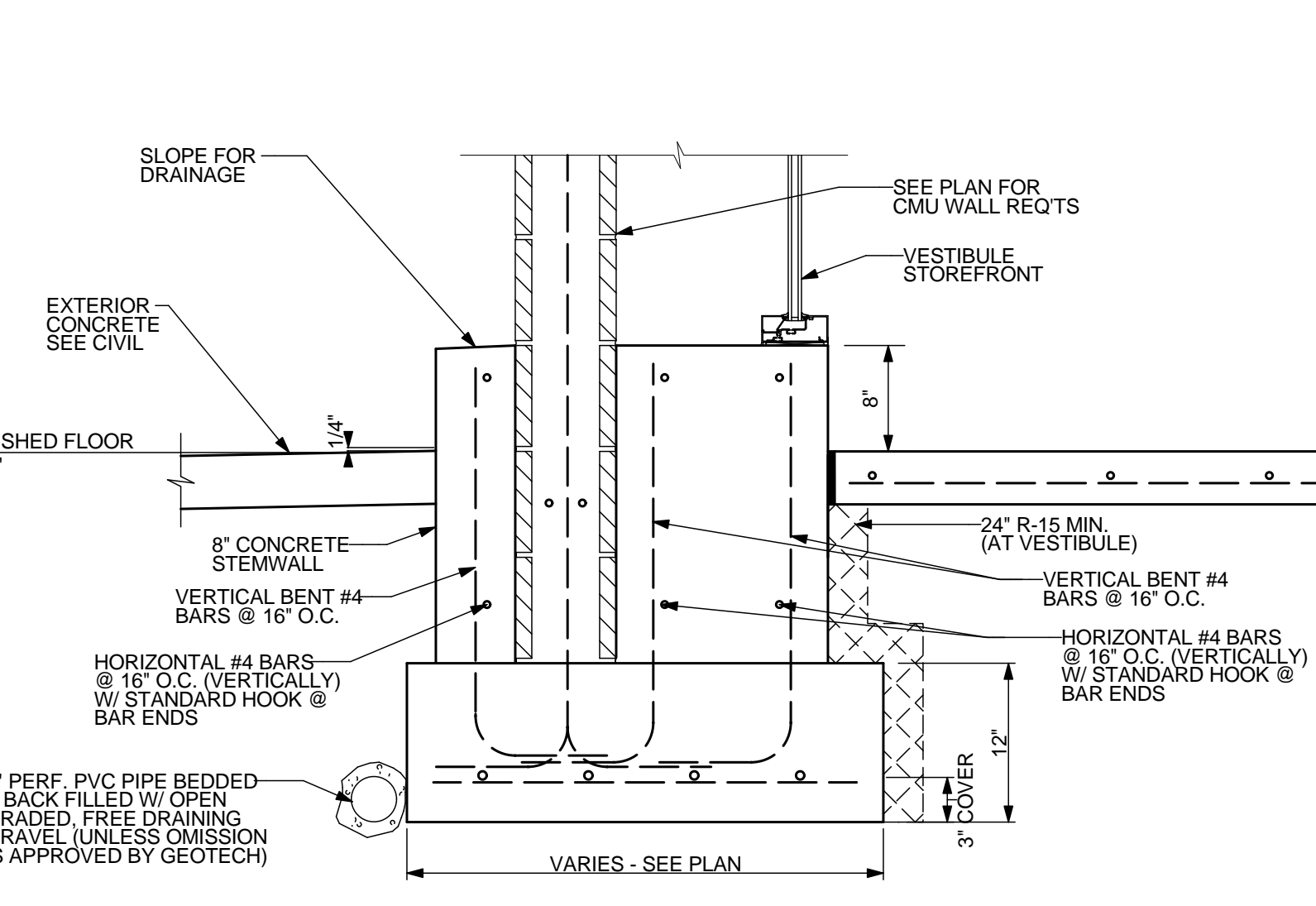
G FOOTING AT TYPICAL OPENINGS
S4.0 SCALE: 1" = 1'-0"



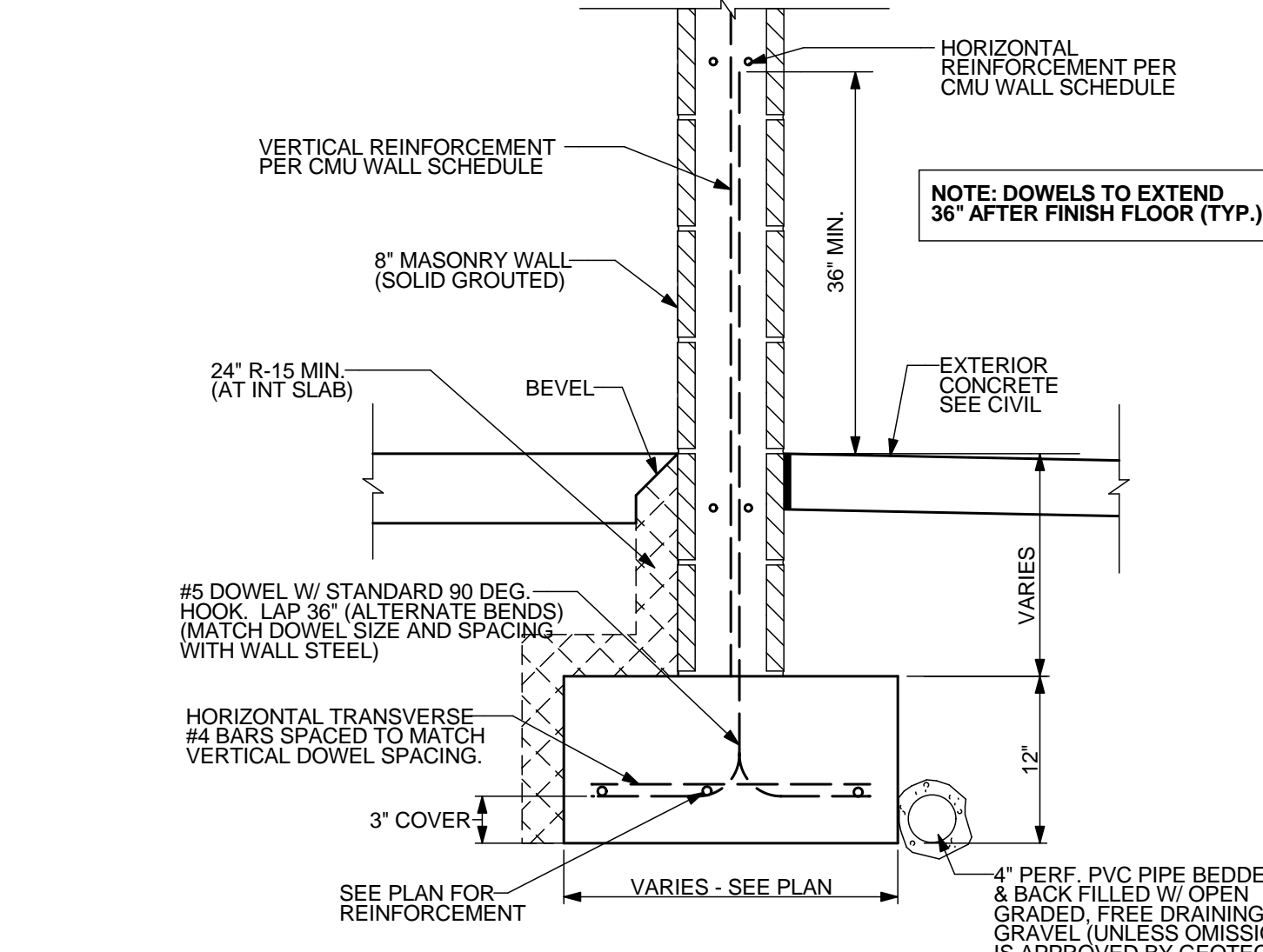
H FOOTING AT VESTIBULE OPENING
S4.0 SCALE: 1" = 1'-0"



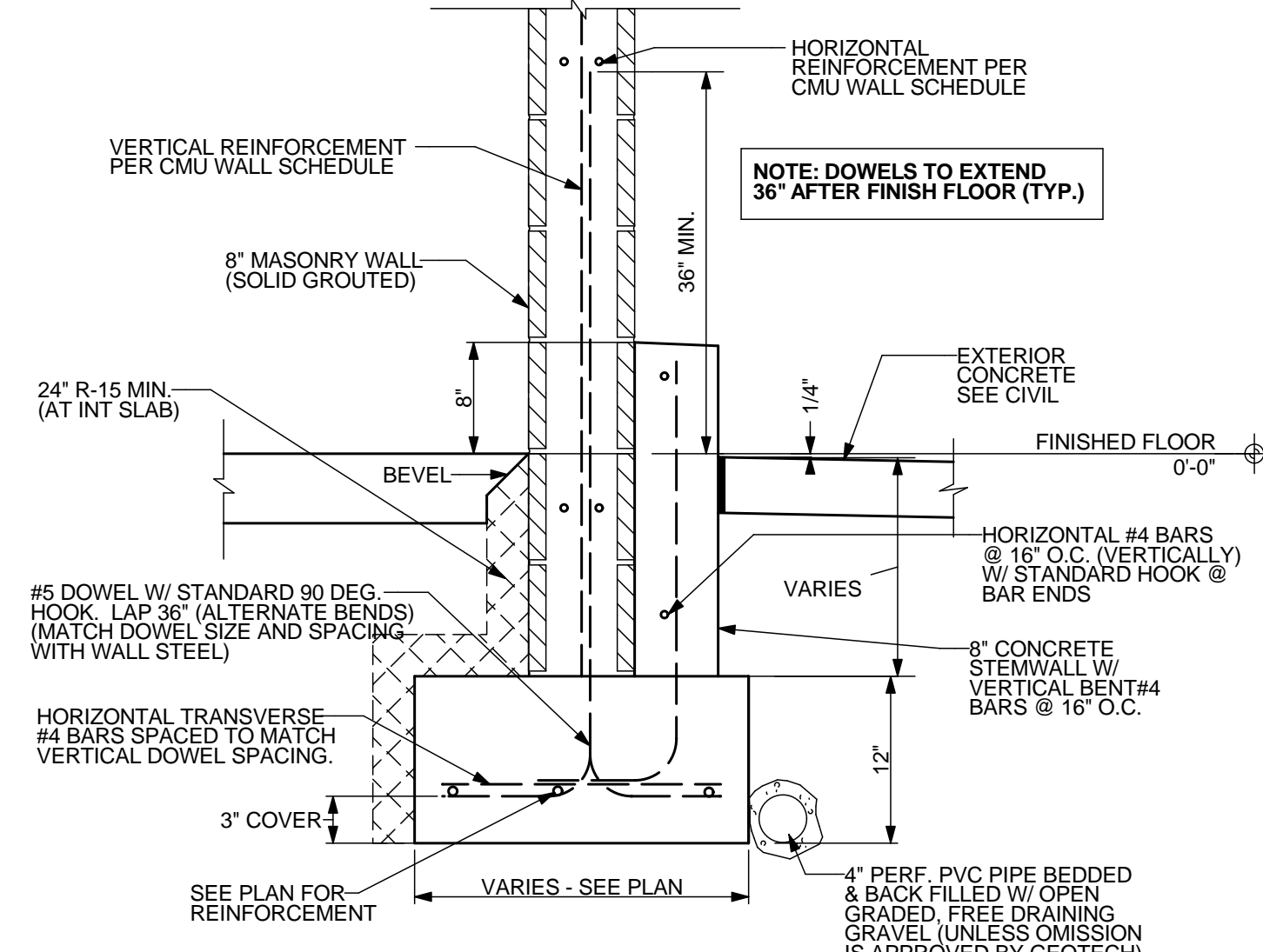
J FOOTING AT VESTIBULE
S4.0 SCALE: 1" = 1'-0"



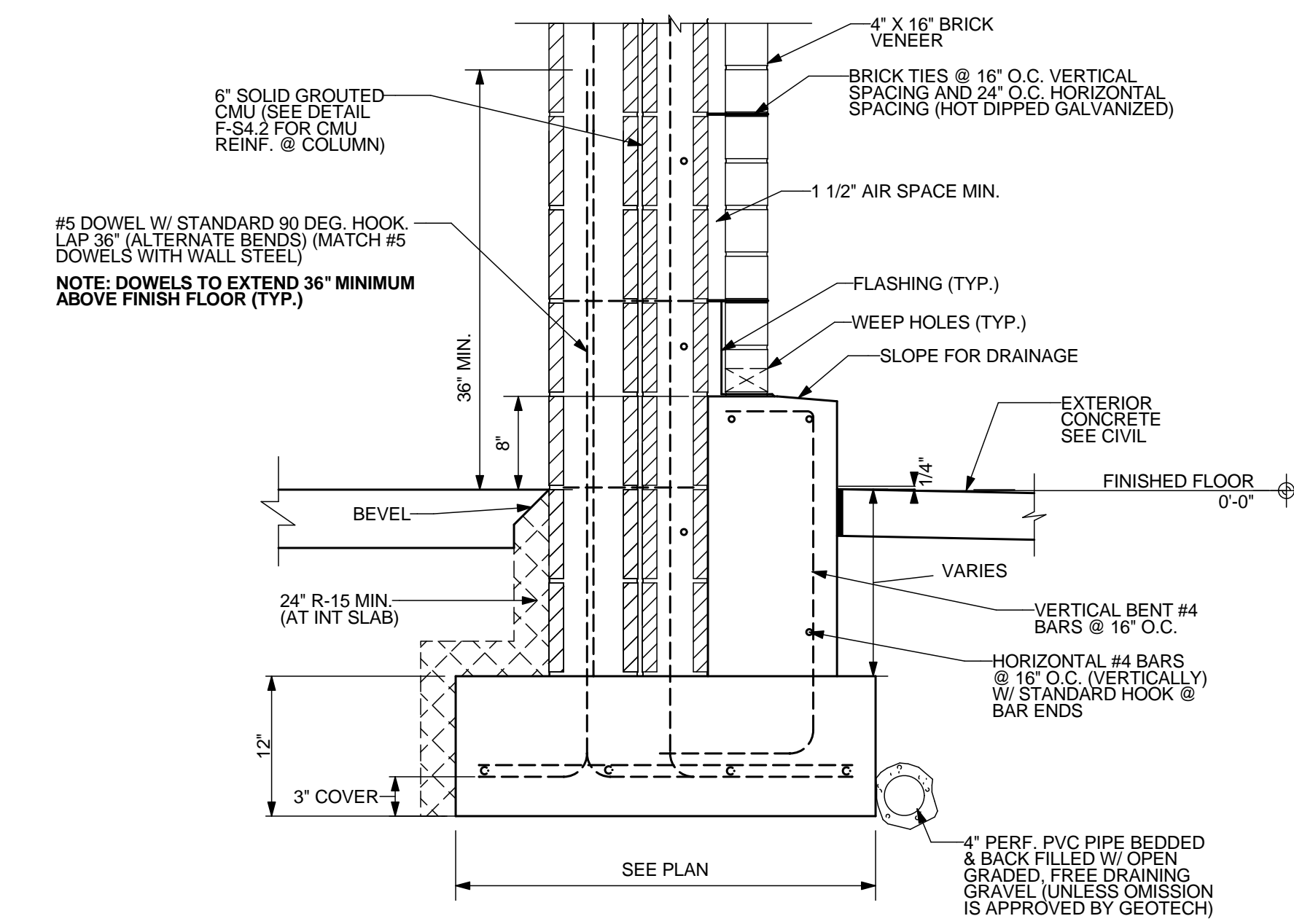
K FOOTING AT VESTIBULE & CART CORRAL
S4.0 SCALE: 1" = 1'-0"



L CONT. FOOTING (TYP.)
S4.0 SCALE: 1" = 1'-0"



M CONT. FOOTING AT FRONT WALL
S4.0 SCALE: 1" = 1'-0"



N FOOTING AT FACADE COLUMN
S4.0 SCALE: 1" = 1'-0"

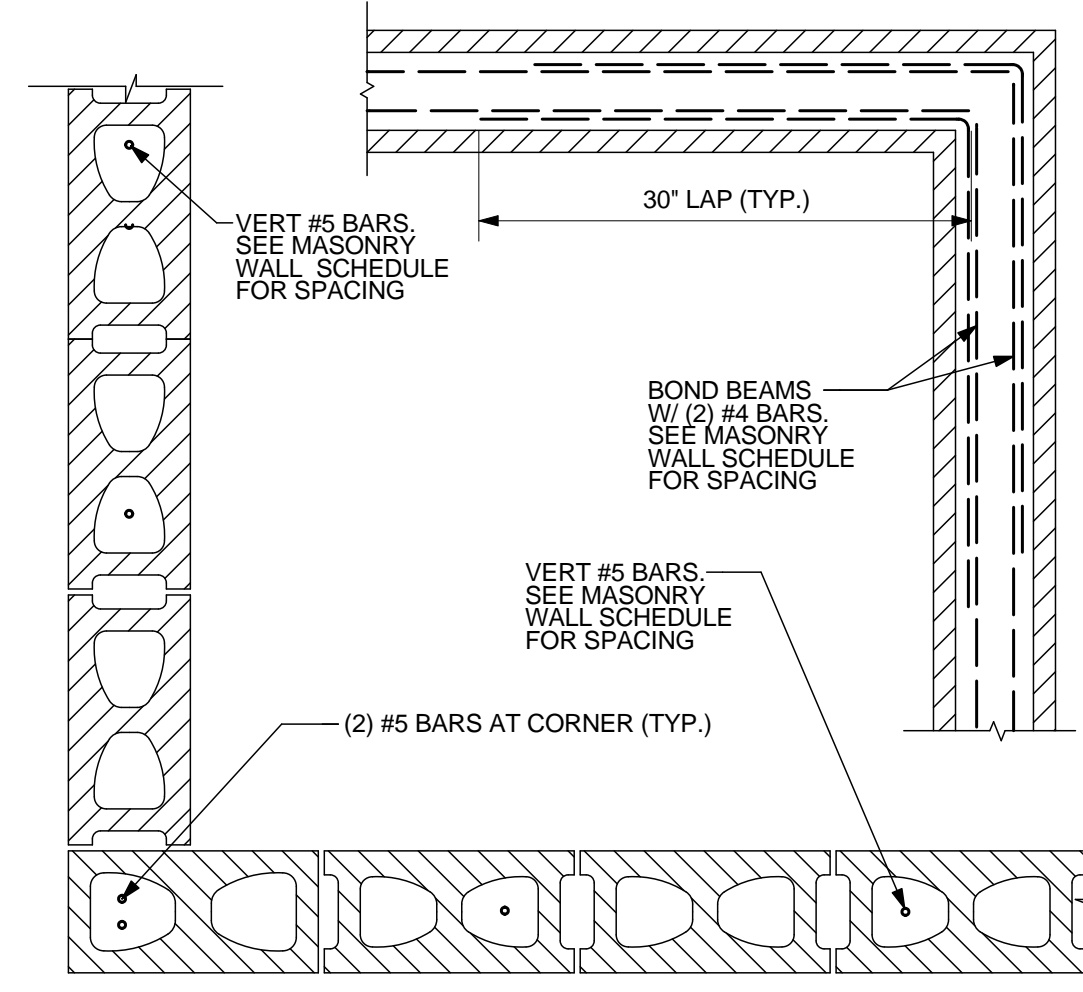
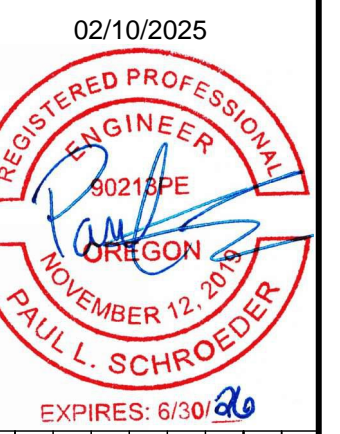
PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**
LOCATION: **4951 BIDDLE ROAD CENTRAL POINT, OR 97502**

SHEET TITLE: **STRUCTURAL DETAILS**
CLIENT: **DICKERHOOF PROPERTIES**

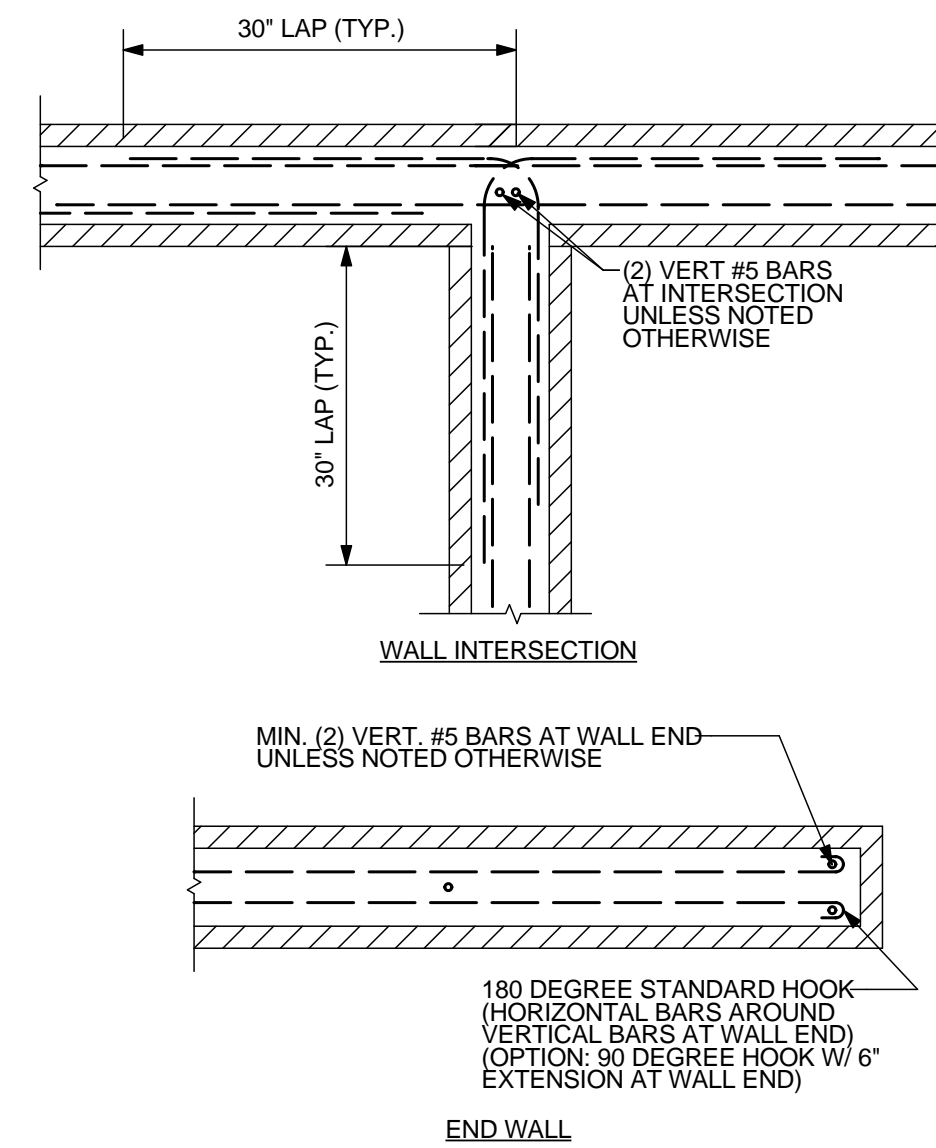
STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-3360 FAX: (541)223-5278

JOB NO: 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN

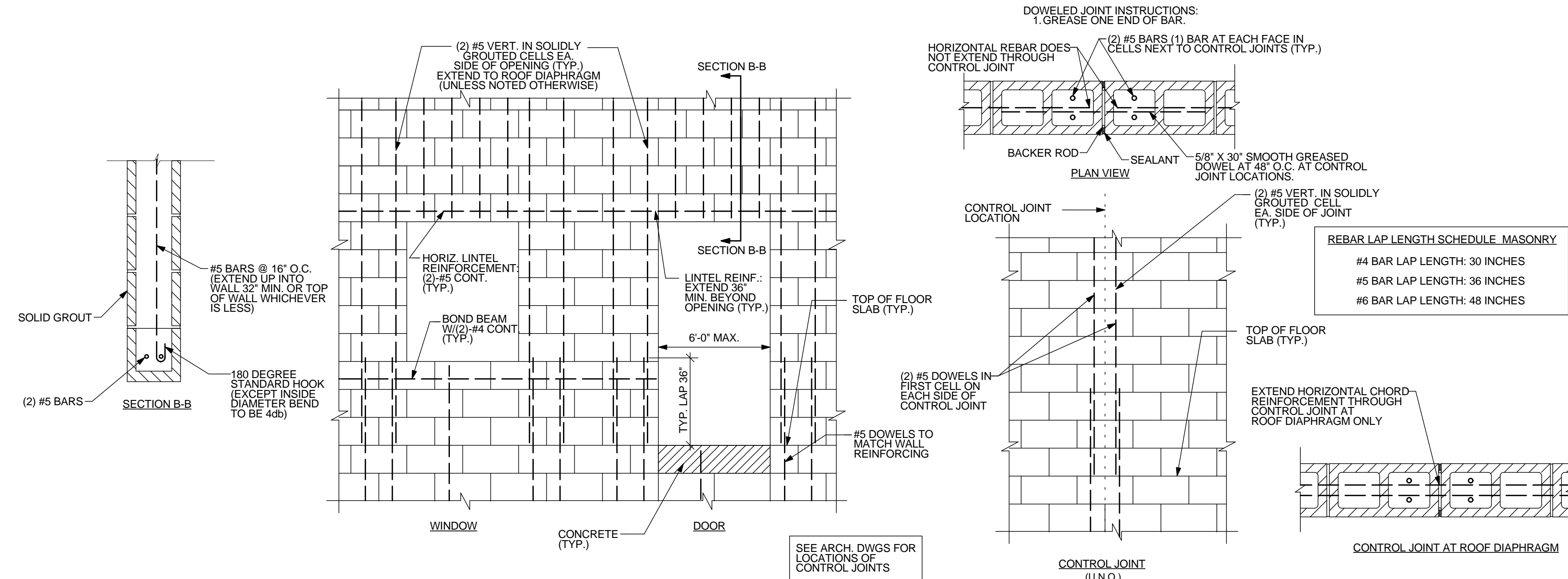
S4.0



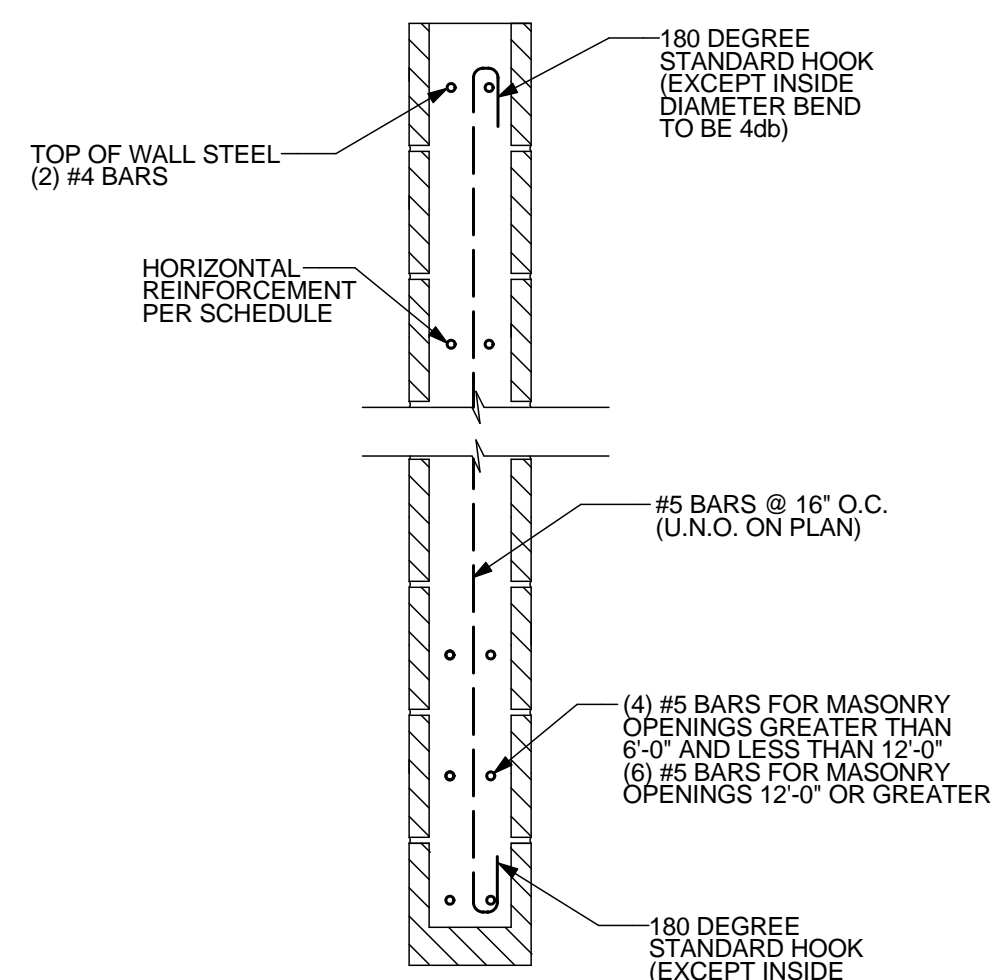
A CORNER REINFORCEMENT DETAILS
S4.2 SCALE: 1" = 1'-0"



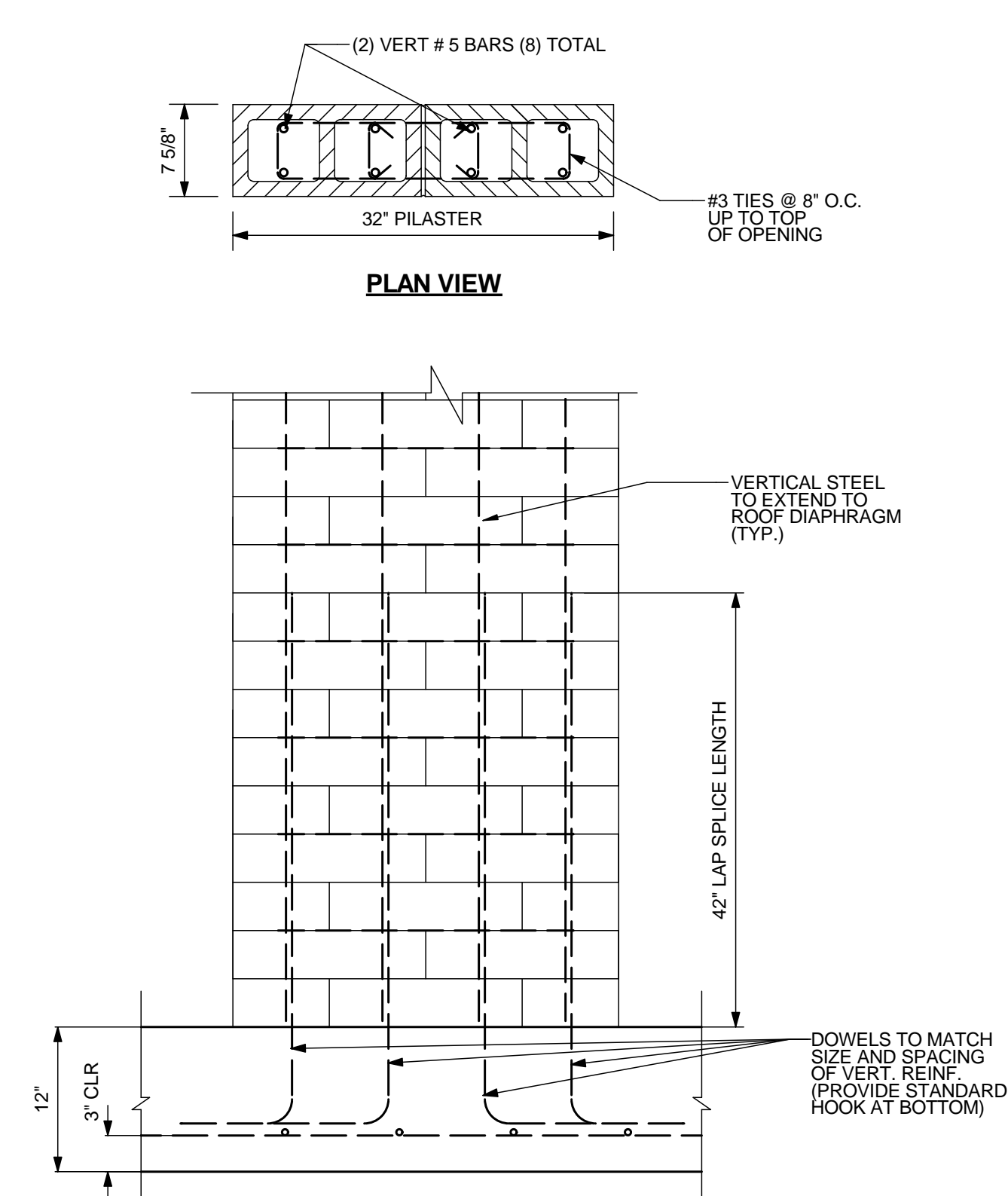
B END WALL AND INTERSECTION MASONRY DETAILS
S4.2 SCALE: 1" = 1'-0"



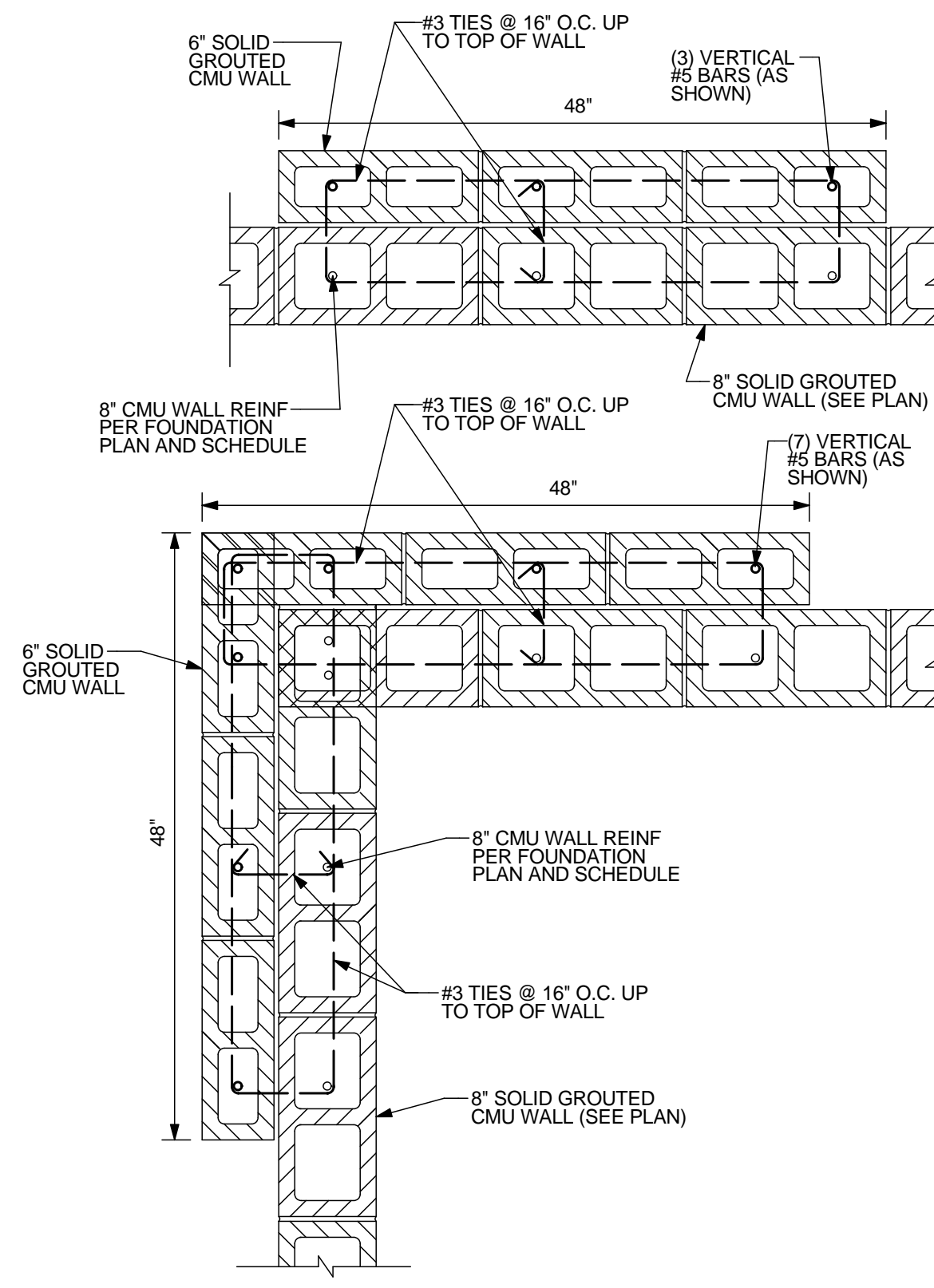
C OPENING AND CONTROL JOINT DETAILS
S4.2 NOT TO SCALE



D SPECIAL LINTEL DETAIL
S4.2 NOT TO SCALE



E PILASTER DETAIL
S4.2 SCALE: 1" = 1'-0"



F CMU @ FACADE COLUMN
S4.2 SCALE: 1" = 1'-0"

REBAR LAP LENGTH SCHEDULE, MASONRY

#4 BAR LAP LENGTH: 30 INCHES
#5 BAR LAP LENGTH: 36 INCHES
#6 BAR LAP LENGTH: 48 INCHES

REVISIONS

No.	DATE	DESCRIPTION

PROJECT: **GROCERY OUTLET (SHELL PACKAGE)**

LOCATION: **4951 BIDDLE ROAD
CENTRAL POINT, OR 97502**

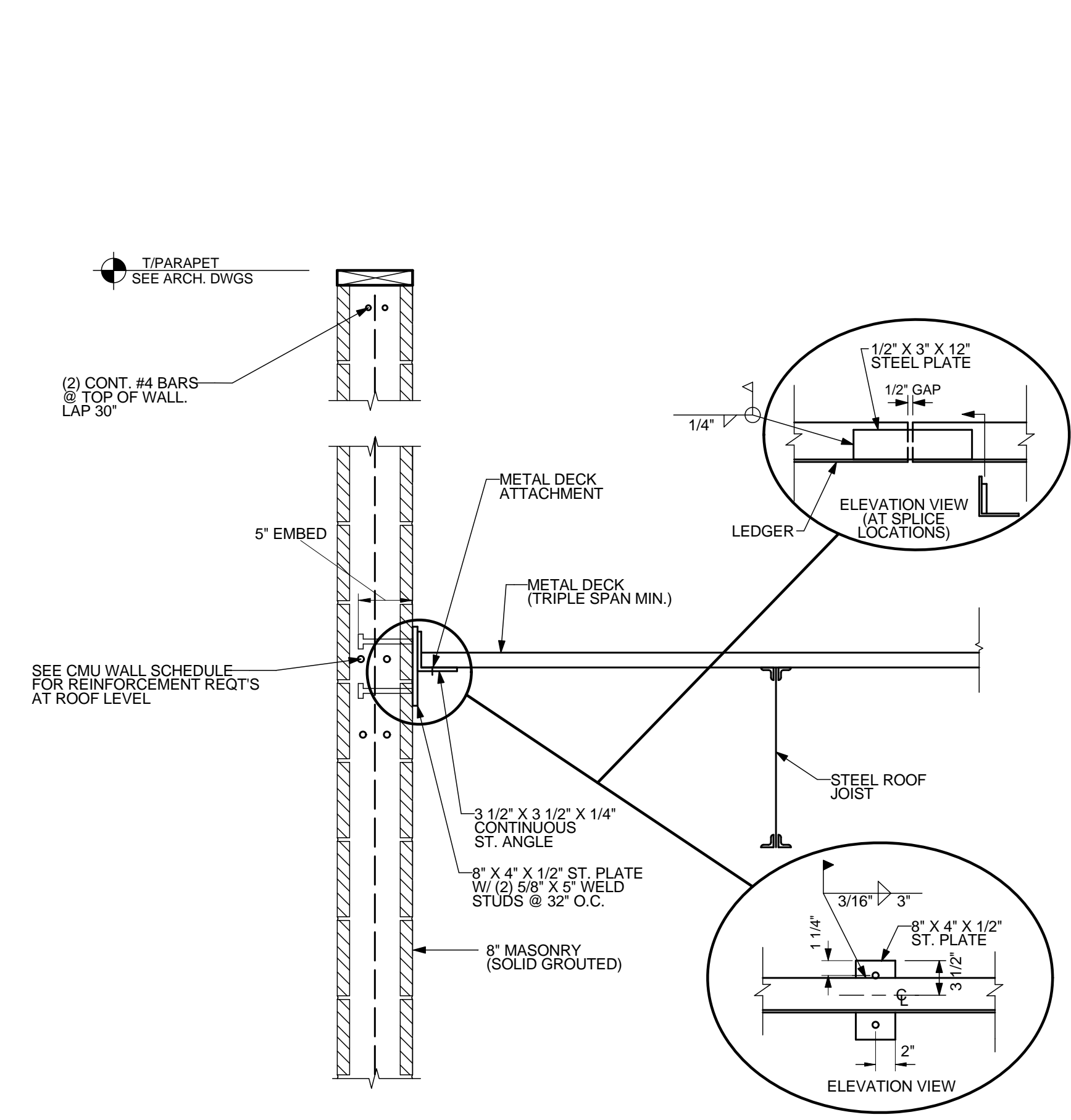
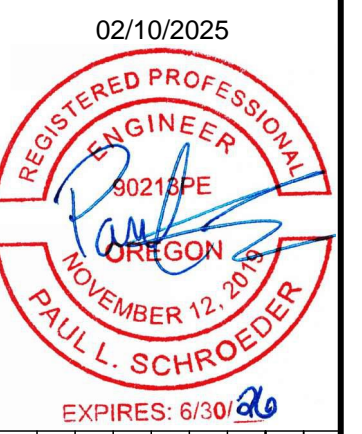
SHEET TITLE: **STRUCTURAL DETAILS**

CLIENT: **DICKERHOOF PROPERTIES**

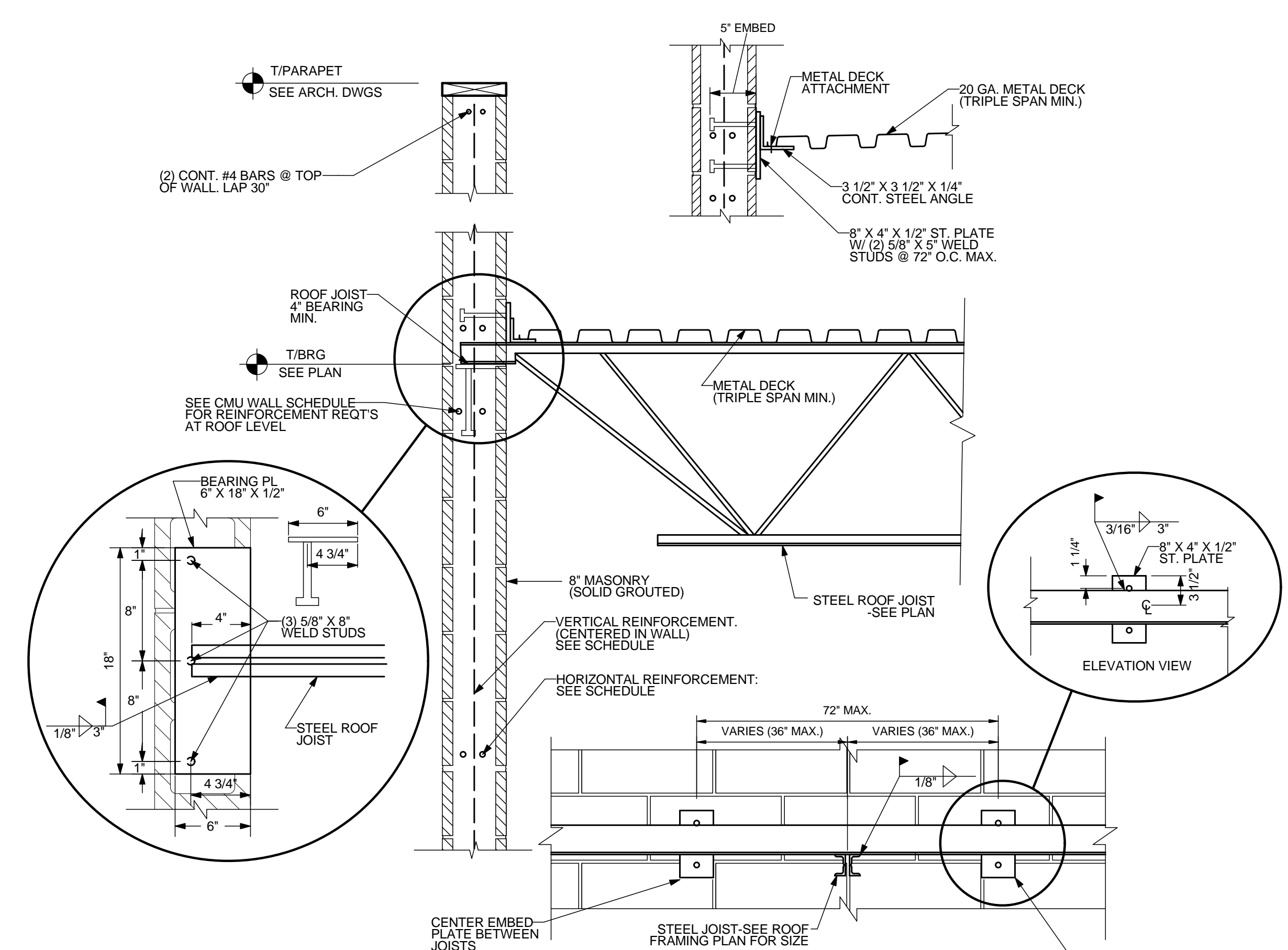
STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 200
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN

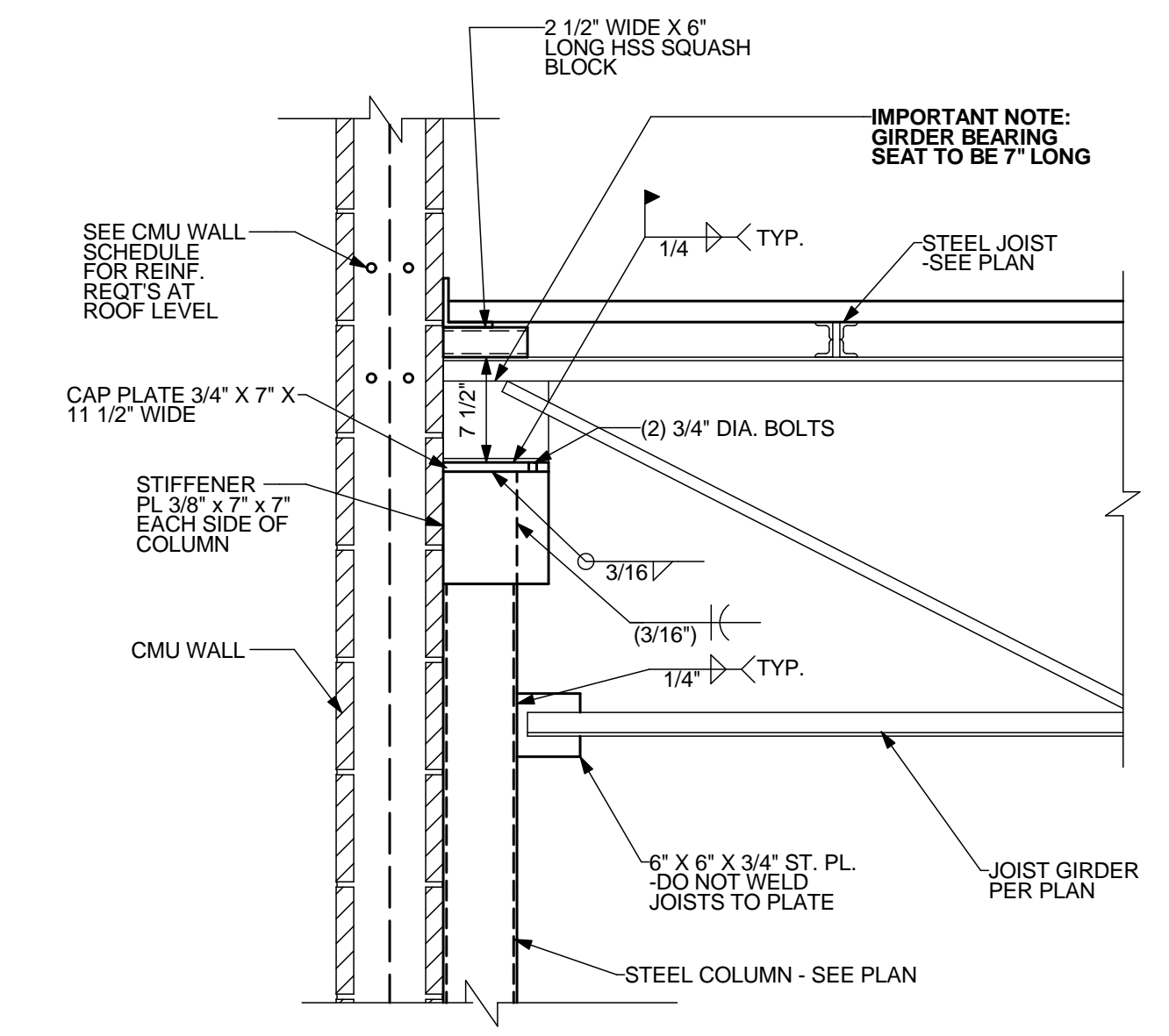
S4.2



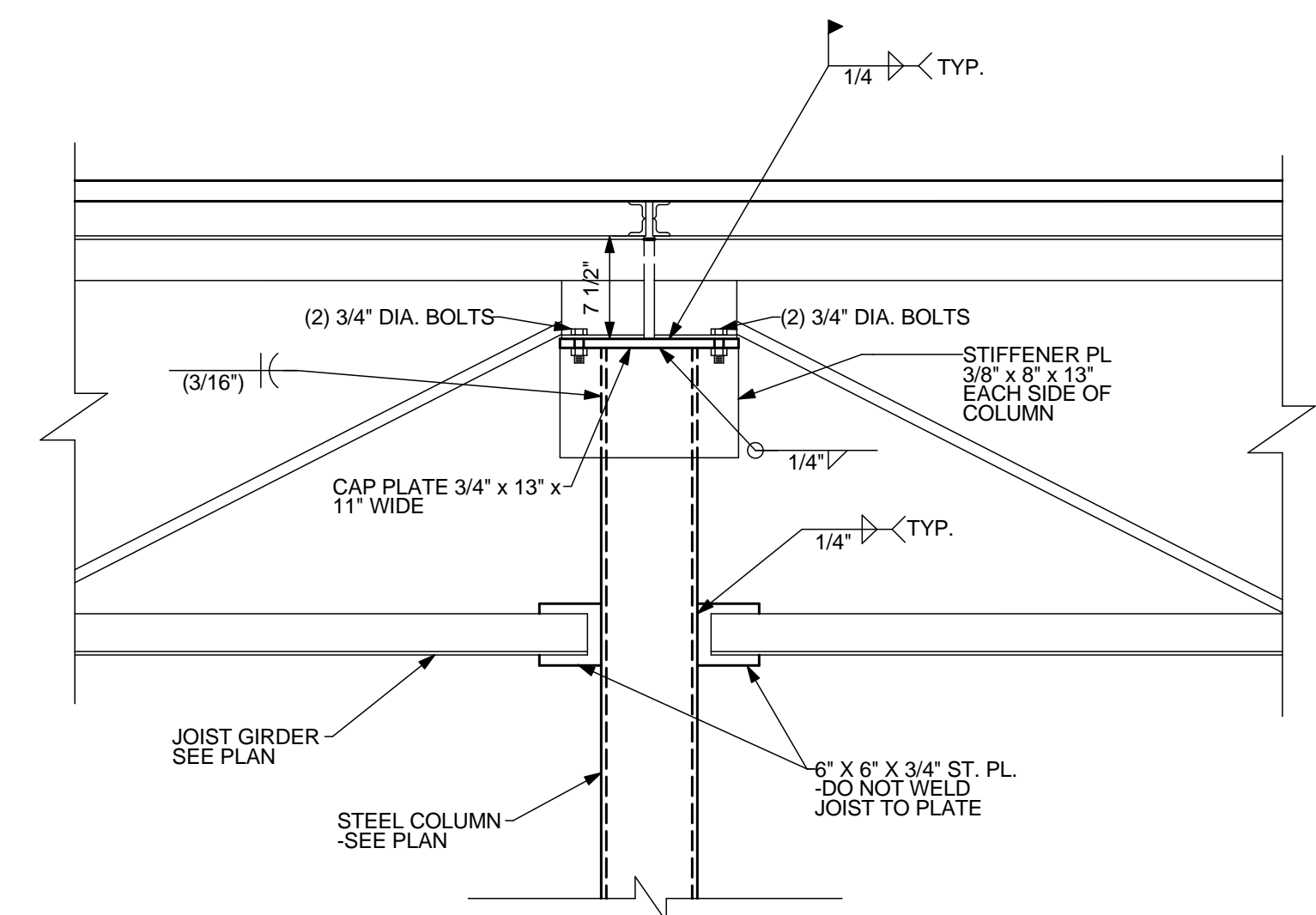
A ROOF ATTACHMENT DETAIL
S5.0 SCALE: 1" = 1'-0"



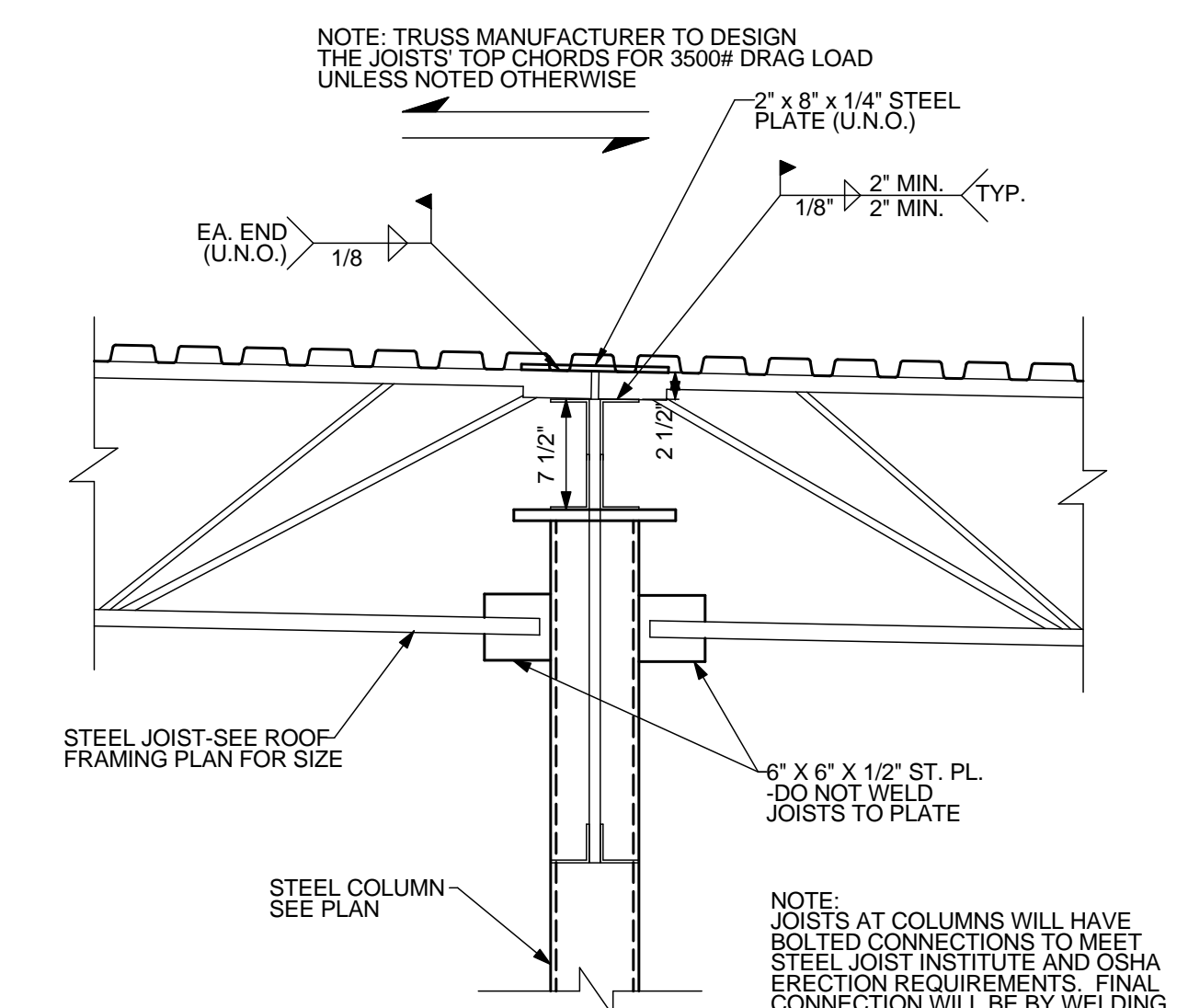
B JOIST ATTACHMENT DETAIL
S5.0 SCALE: 1" = 1'-0"



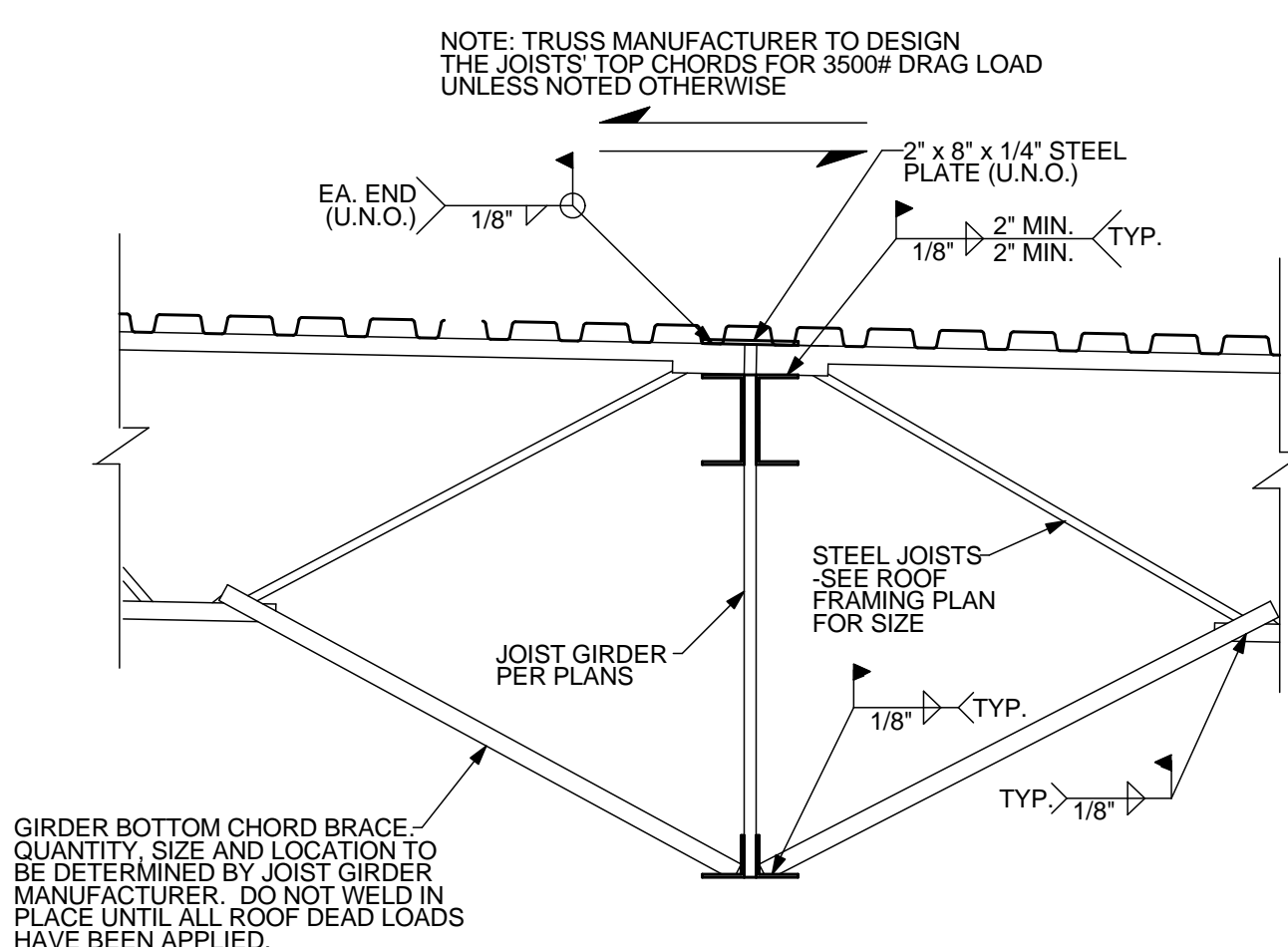
C ROOF FRAMING DETAIL
S5.0 SCALE: 1" = 1'-0"



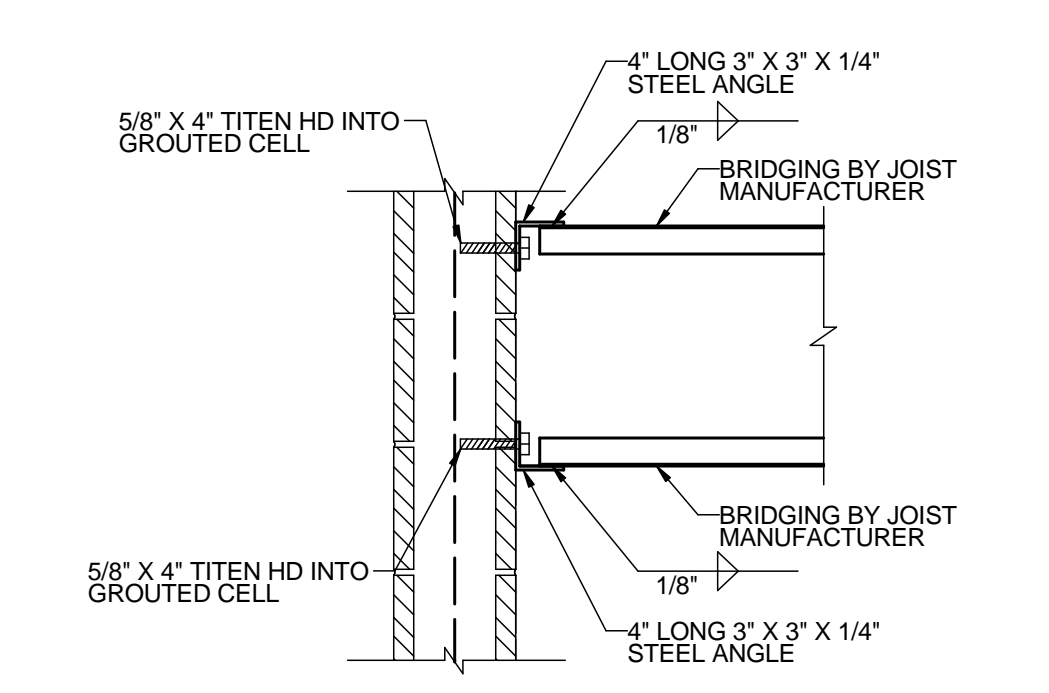
D GIRDER/STEEL COLUMN DETAIL
S5.0 NOT TO SCALE



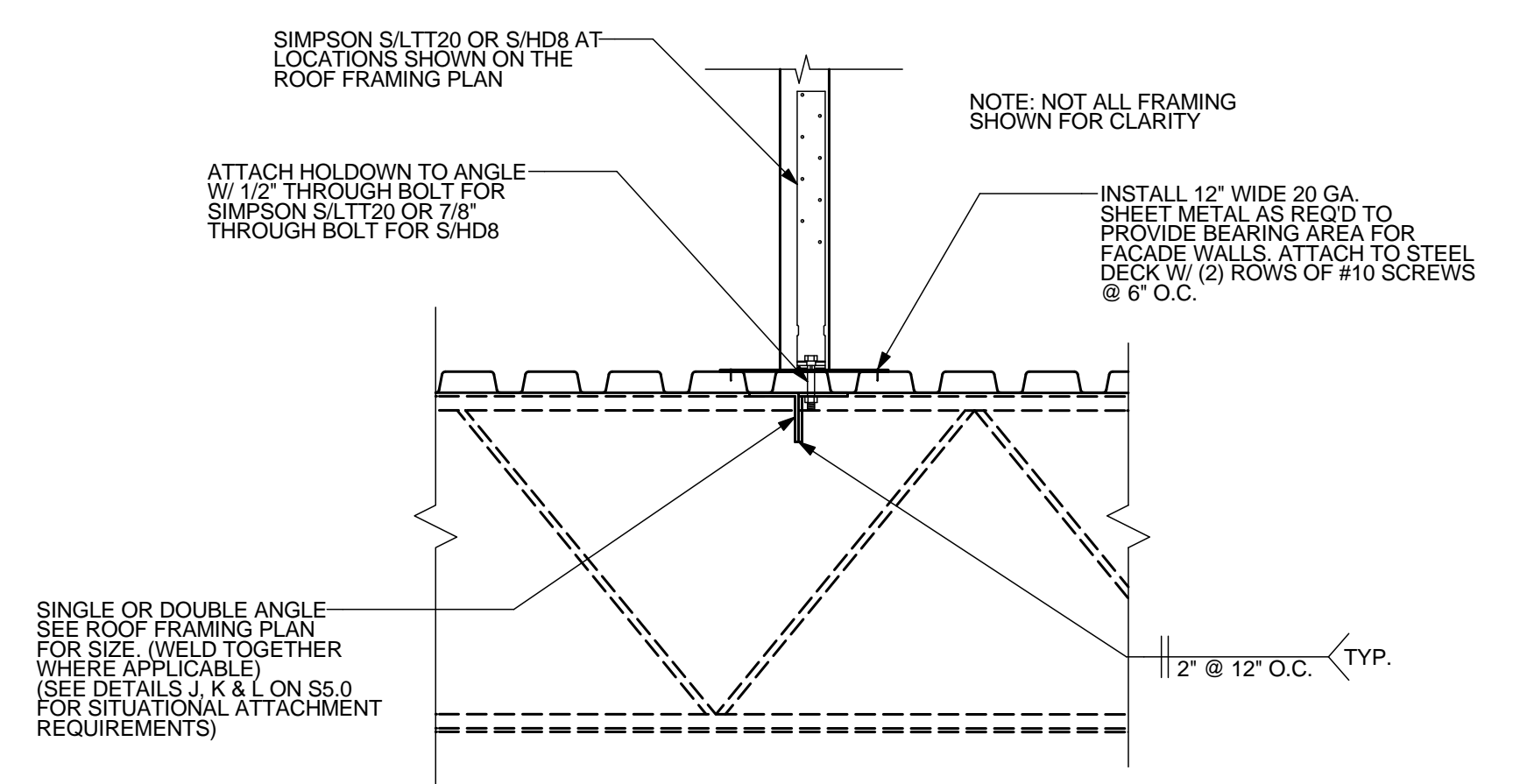
E ROOF FRAMING DETAIL
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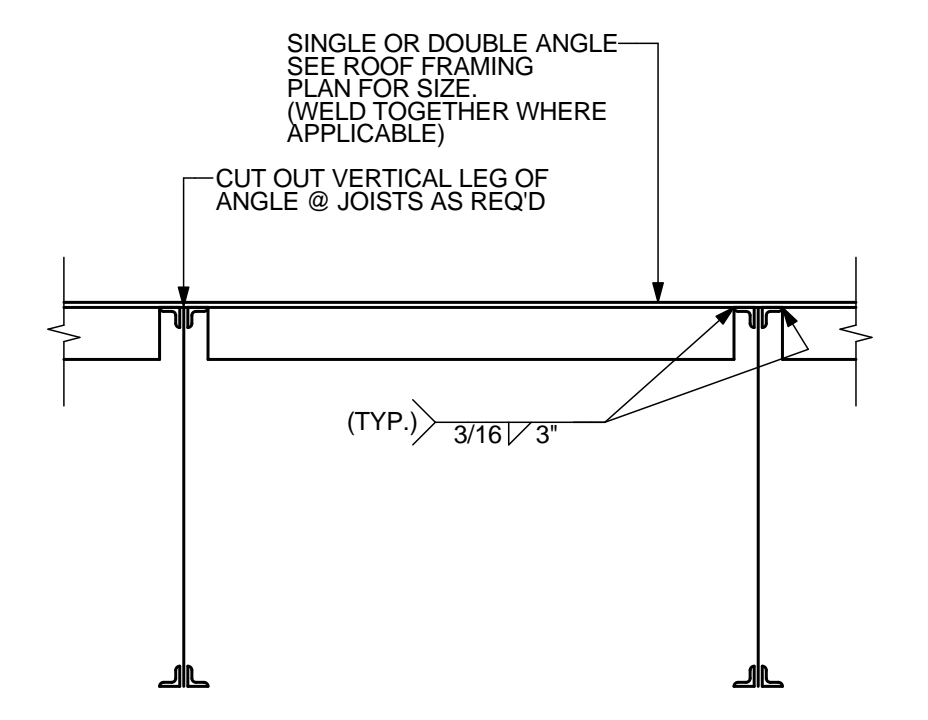
F JOIST/GIRDER DETAIL
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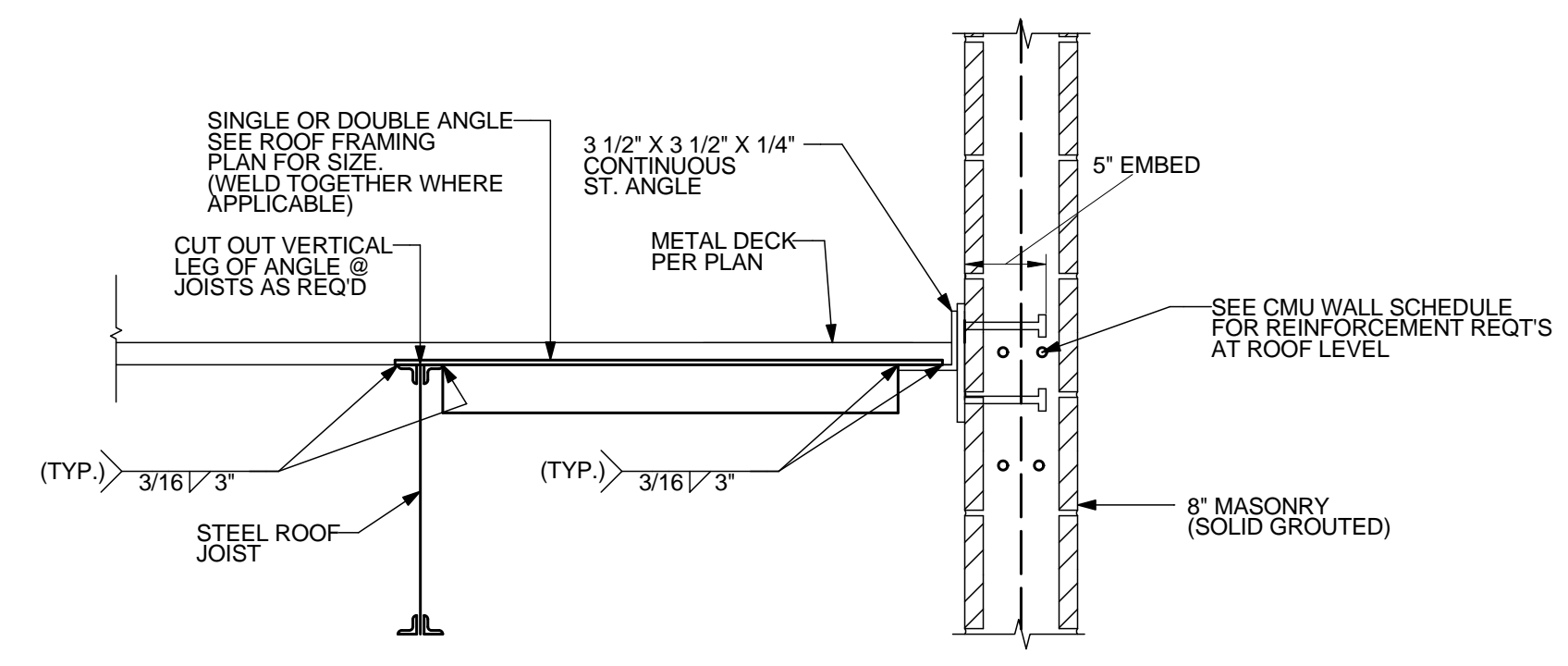
G BRIDGING ATTACHMENT DETAIL
S5.0 SCALE: 1" = 1'-0"



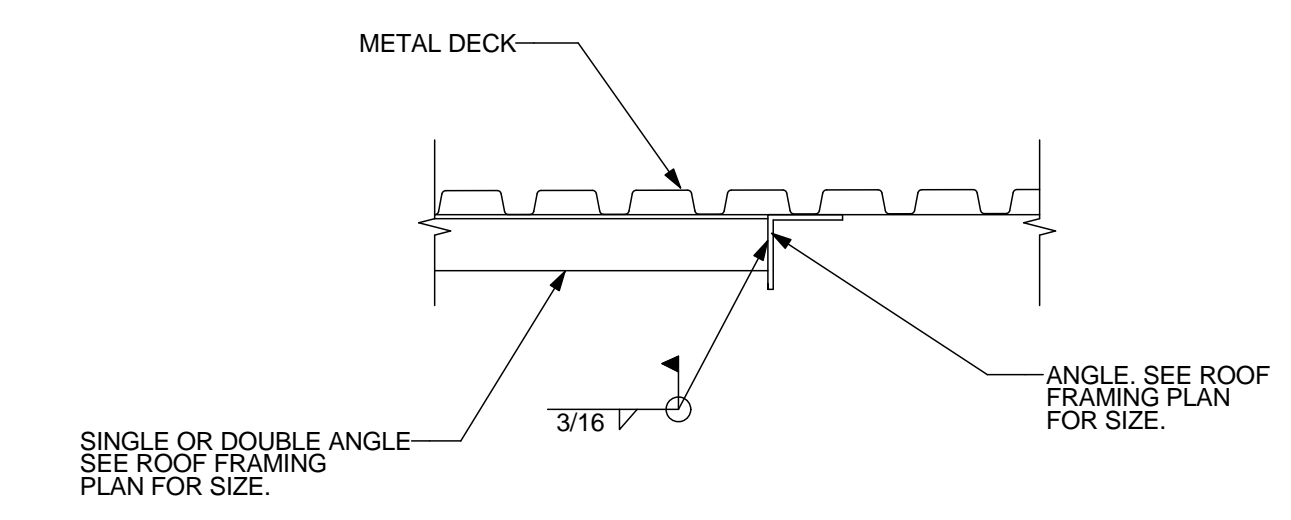
H FACADE WALL ATTACHMENT
S5.0 SCALE: 1" = 1'-0"



J ANGLE ATTACHMENT DETAIL
S5.0 NOT TO SCALE



K ANGLE TO ANGLE ATTACHMENT
S5.0 SCALE: 1" = 1'-0"



L ANGLE TO ANGLE ATTACHMENT
S5.0 SCALE: 1" = 1'-0"

REVISIONS table with columns for No., Date, and Description.

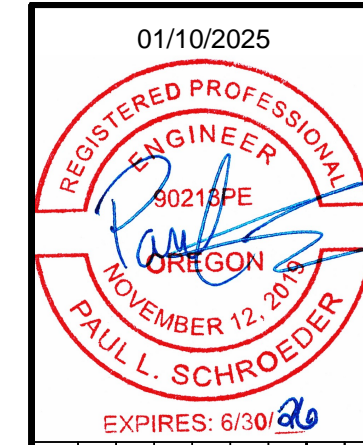
GROCERY OUTLET (SHELL PACKAGE)

LOCATION:
4951 BIDDLE ROAD
CENTRAL POINT, OR 97502

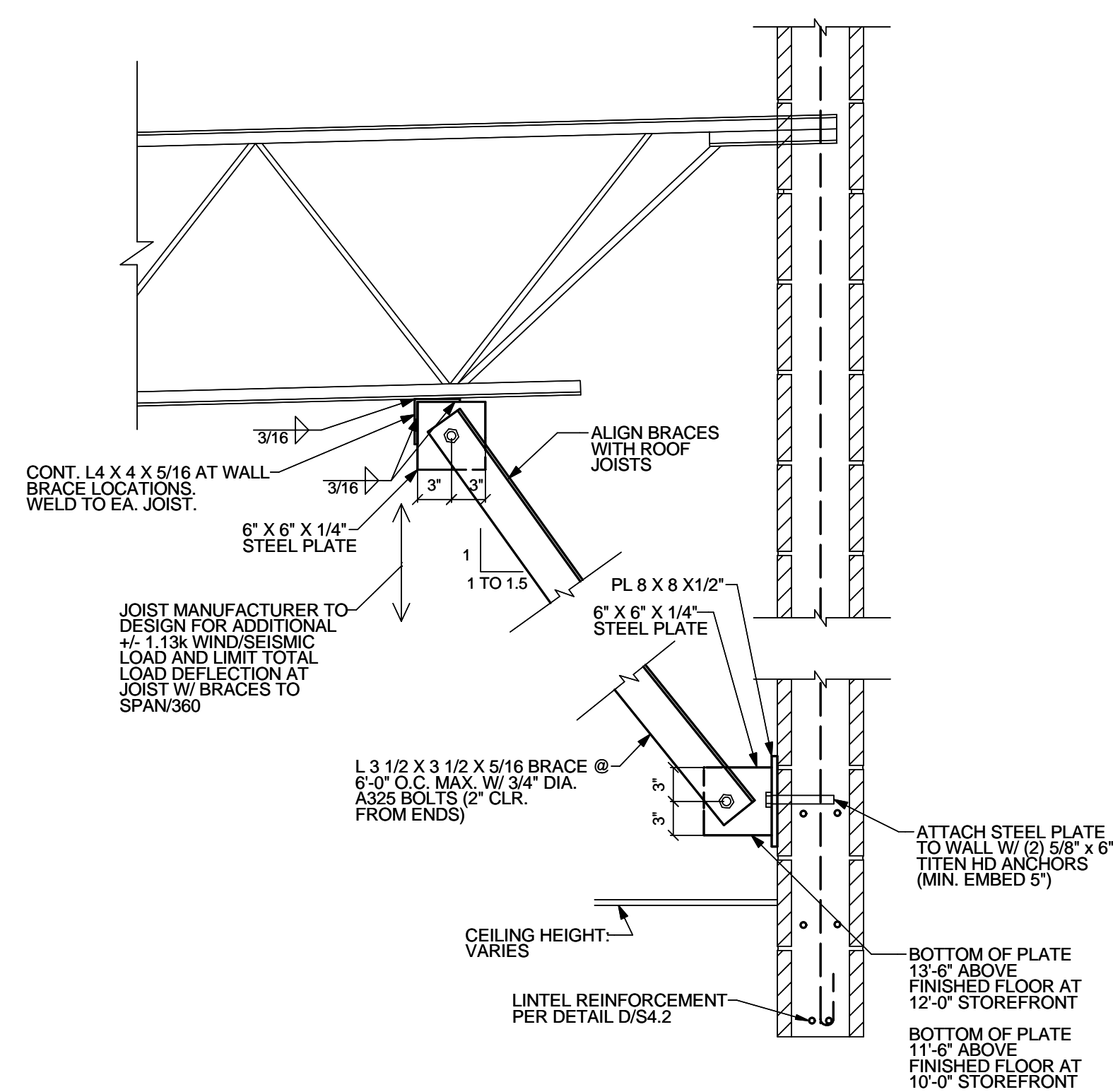
PROJECT:
STRUCTURAL DETAILS
SHEET TITLE:
CLIENT:
DICKERHOOF PROPERTIES

STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 200
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

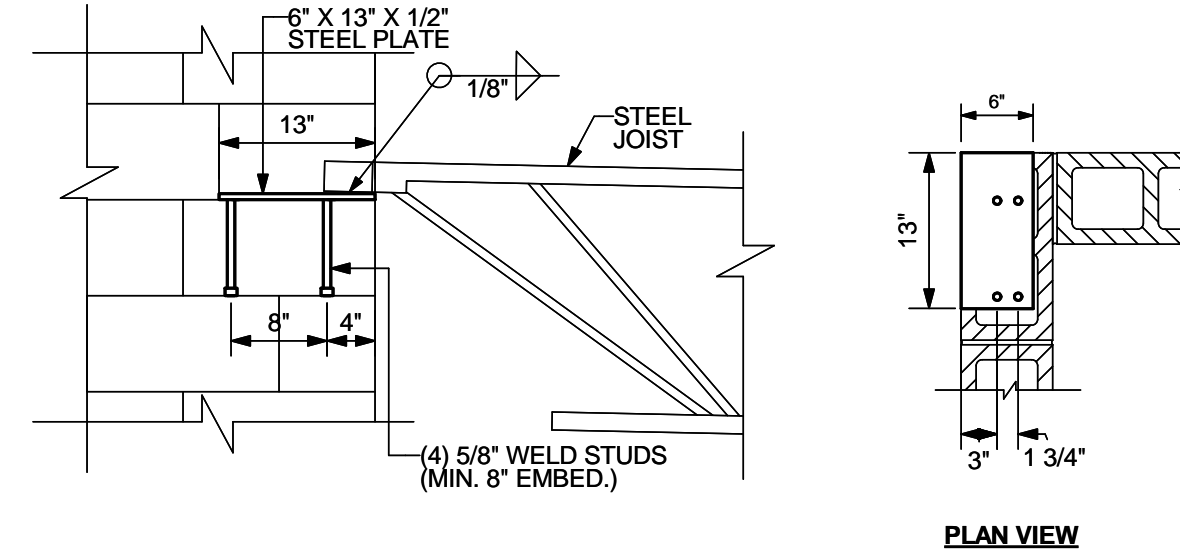
JOB NO. 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN
SHEET
S5.0



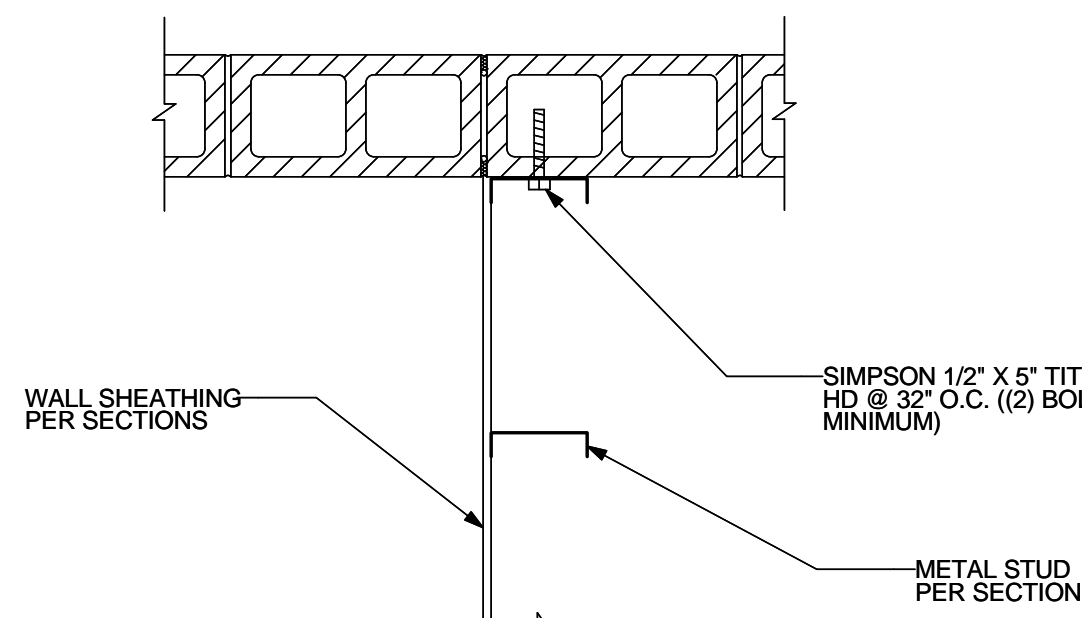
NO.	DATE	DESCRIPTION	REVISIONS
1	02/14/25		



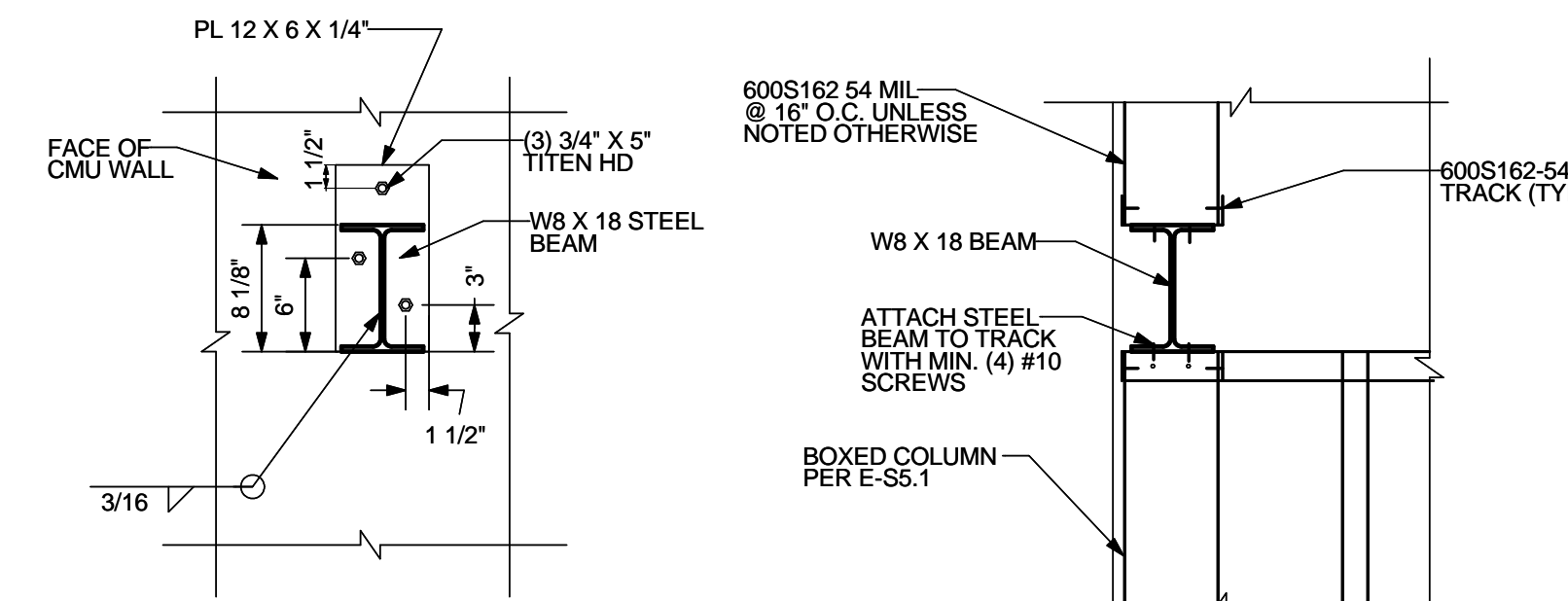
A BRACING DETAIL
S5.1 SCALE: 1" = 1'-0"



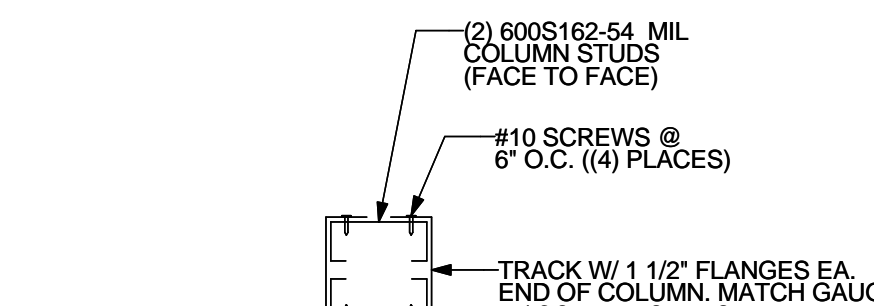
B DRAG STRUT DETAIL
S5.1 SCALE: 3/4" = 1'-0"



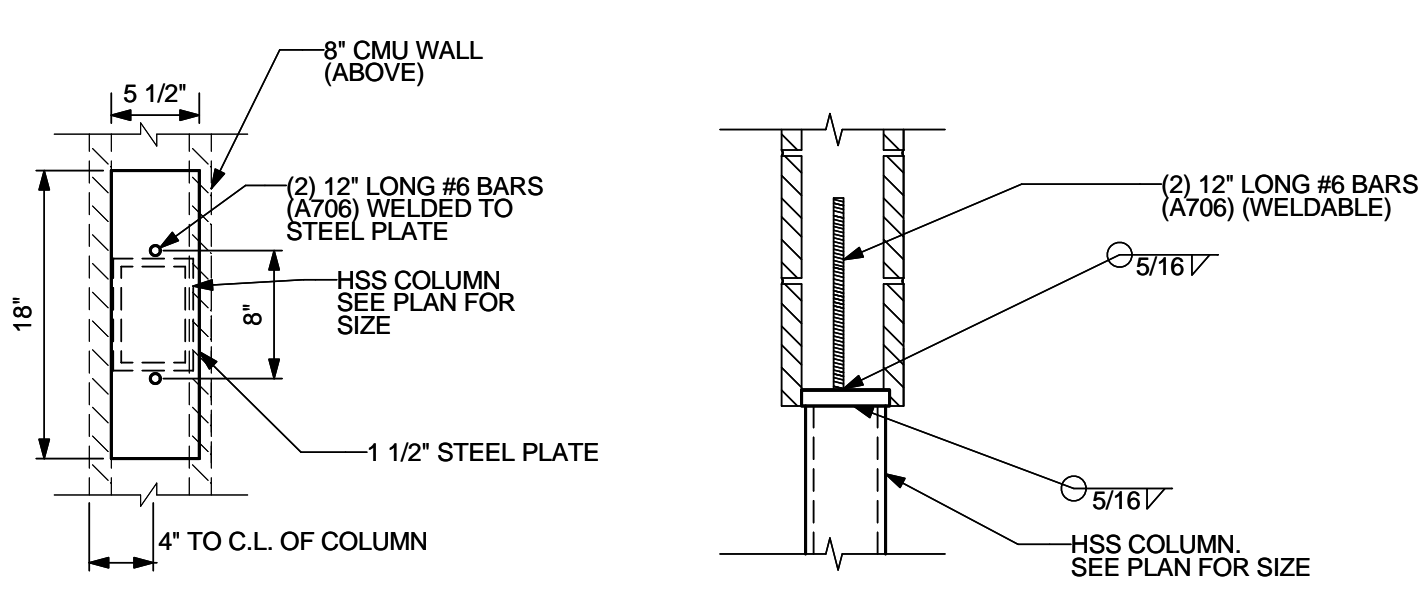
C METAL STUD TO WALL ATTACHMENT
S5.1 SCALE: 1" = 1'-0"



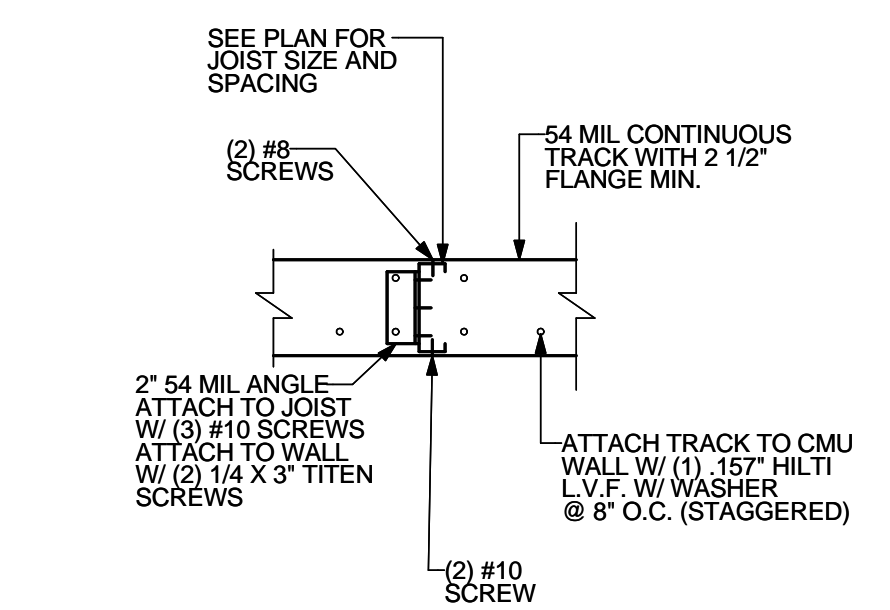
D HEADER FRAMING DETAIL
S5.1 NOT TO SCALE



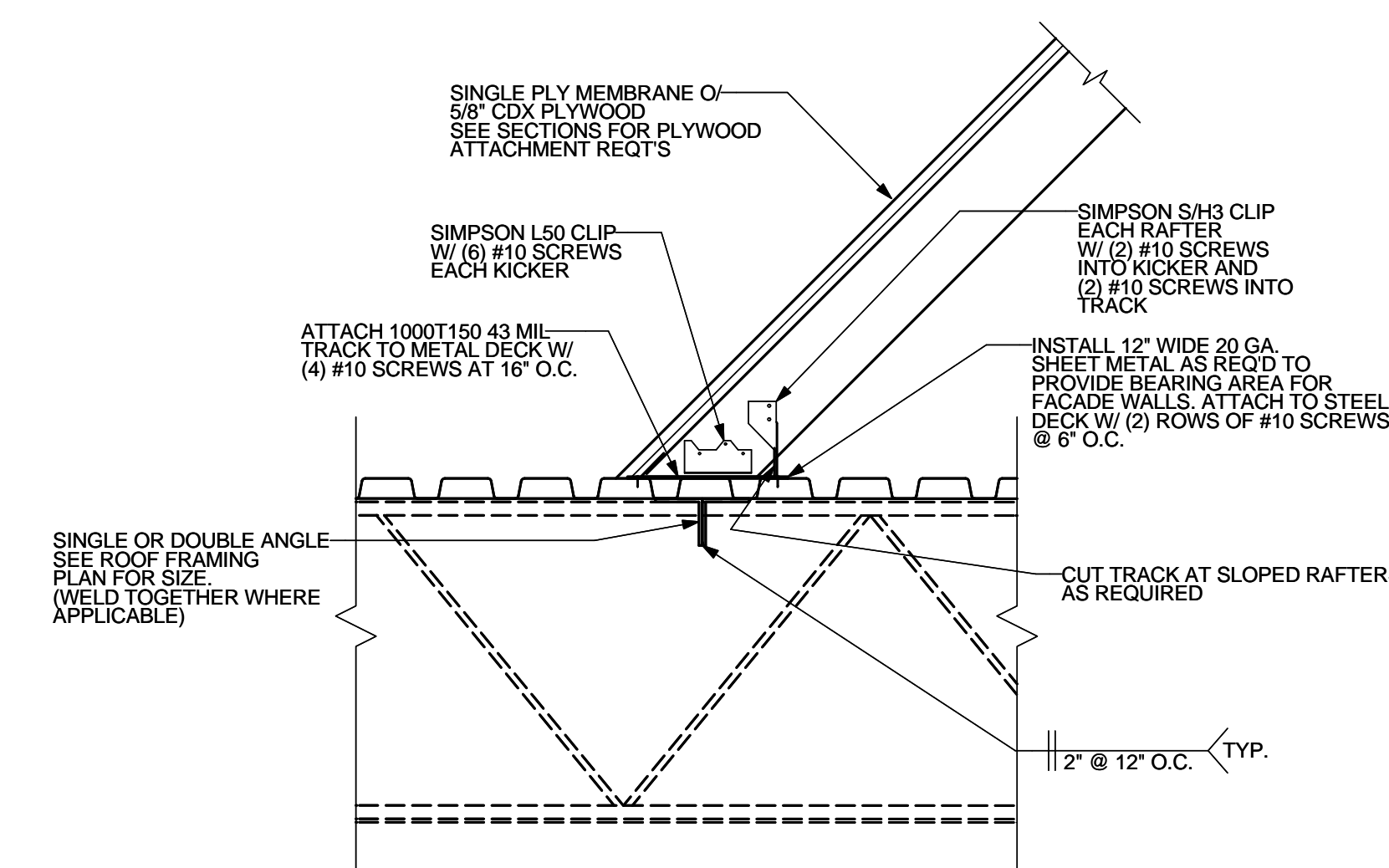
E BOXED COLUMN DETAIL
S5.1 SCALE: 1" = 1'-0"



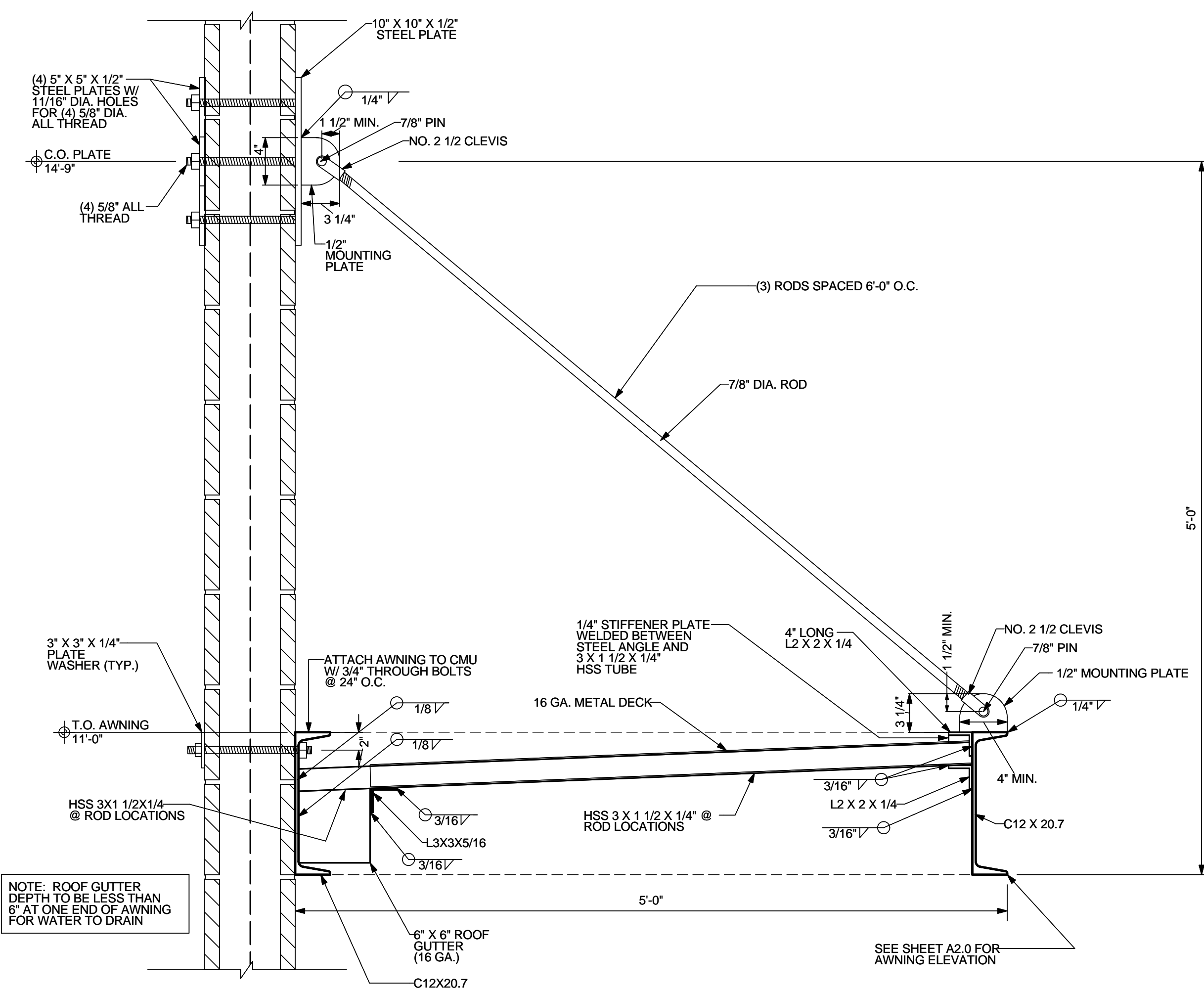
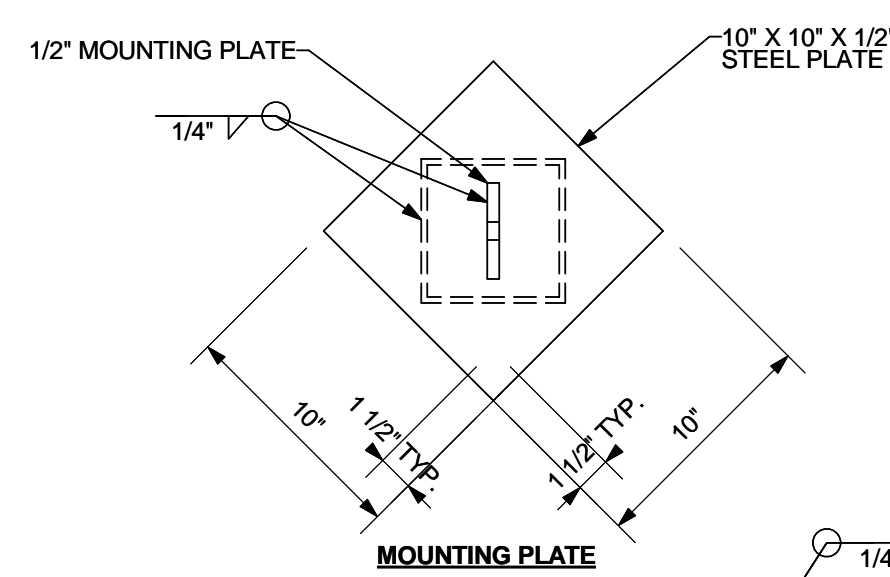
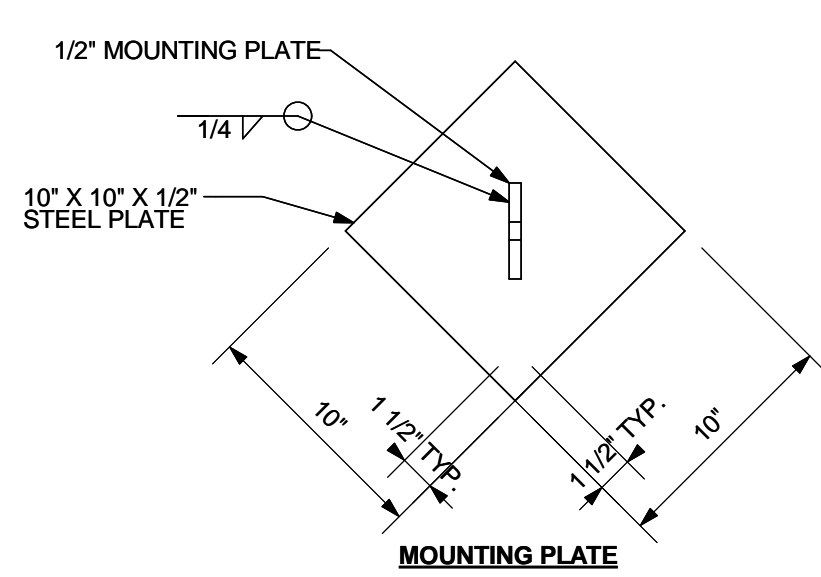
F HSS COLUMN DETAIL
S5.1 SCALE: 1" = 1'-0"



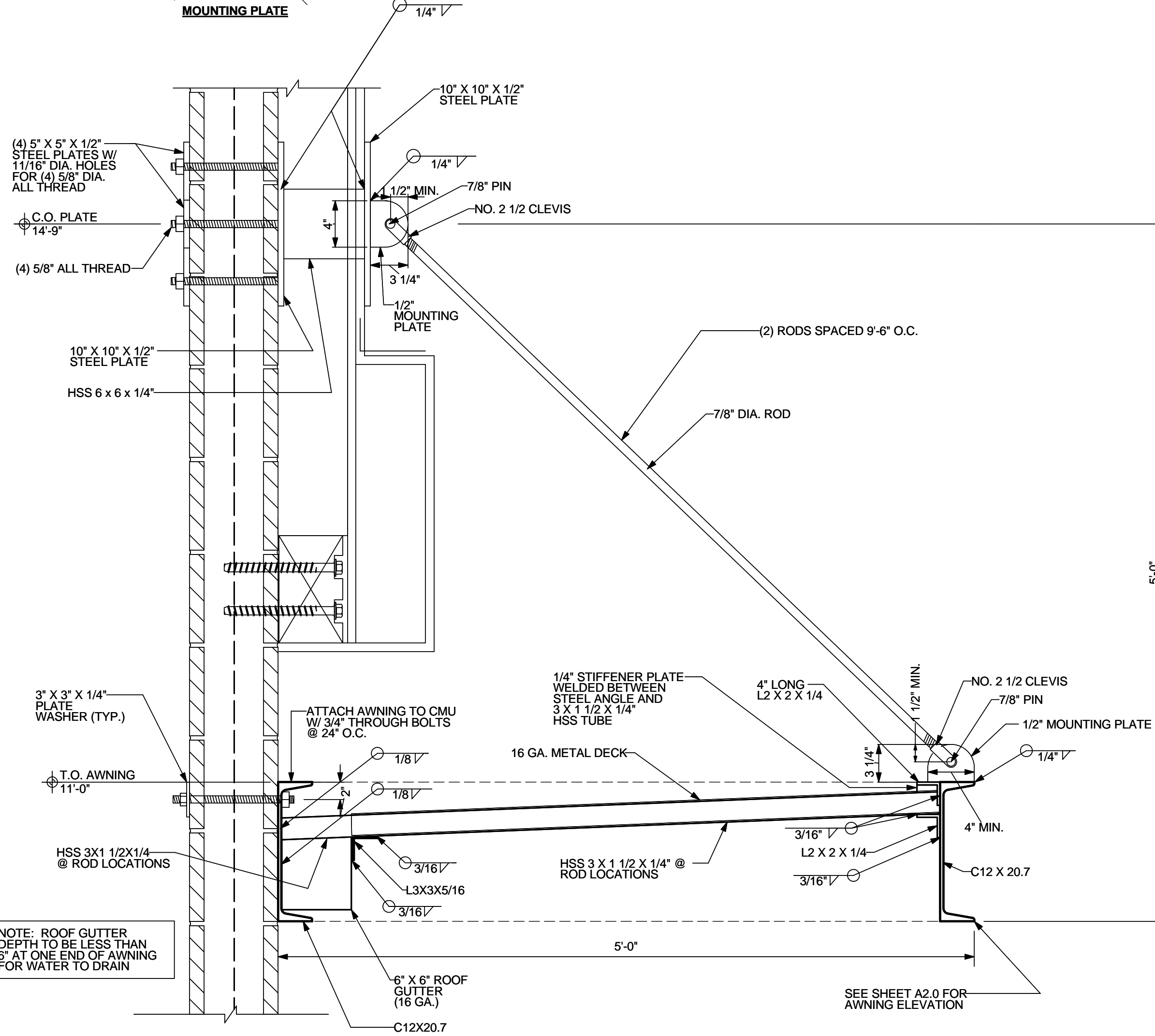
G SOFFIT FRAMING DETAIL
S5.1 NOT TO SCALE



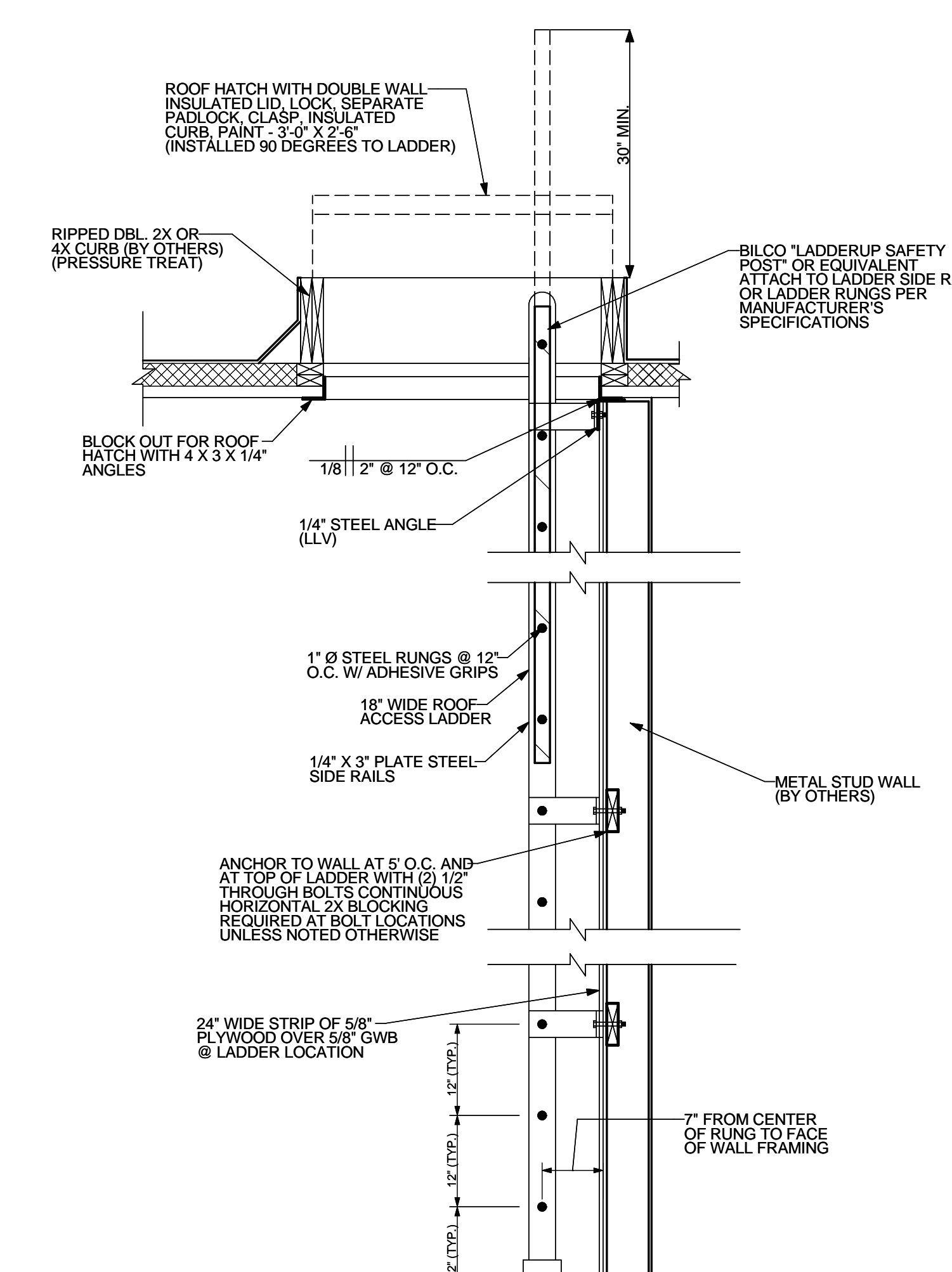
H FACADE WALL ATTACHMENT
S5.1 SCALE: 1" = 1'-0"



J 14'-0" WIDE AWNING ATTACHMENT DETAIL
S5.1 NOT TO SCALE



K 12'-10" WIDE AWNING ATTACHMENT DETAIL
S5.1 NOT TO SCALE



L ROOF HATCH AND LADDER SECTION
S5.1 NOT TO SCALE

PROJECT: GROCERY OUTLET (SHELL PACKAGE)
LOCATION: 4951 BIDDLE ROAD CENTRAL POINT, OR 97502

SHEET TITLE: STRUCTURAL DETAILS
CLIENT: DICKERHOOF PROPERTIES

STABILITY ENGINEERING INC.
777 NE 2ND ST SUITE 280
P.O. BOX 2846, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 24-0510
DATE: 01/08/2025
DRAWN: PS
SCALE: AS SHOWN
SHEET: S5.1