

FOUNDATION NOTES:

- 1. FOUNDATION SOIL BEARING PRESSURE 2500 PSF. (ASSUMED, TO BE FIELD VERIFIED)
2. FOUNDATIONS SHALL BE PLACED ON VIRGIN SOIL OR STRUCTURAL FILL AT ELEVATIONS INDICATED ON DRAWINGS.
3. ALL STRUCTURAL FILL SHALL BE COMPACTED TO A DENSITY OF 95% OF THE MAXIMUM MODIFIED PROCTOR DENSITY AS DEFINED BY ASTM D-1557.
4. THE SOILS ENGINEER SHALL APPROVE ALL BEARING STRATA PRIOR TO PLACEMENT OF CONCRETE FOOTINGS.
5. NO GEOTECHNICAL REPORT AVAILABLE AT TIME OF DESIGN. 2500 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED. CONTRACTOR IS TO VERIFY SOIL BEARING PRESSURE AND INFORM ENGINEER IF ACTUAL CONDITIONS DO NOT MEET OR EXCEED ASSUMED VALUE. CONTRACTOR TO COORDINATE GEOTECHNICAL REQUIREMENTS WITH PROJECT DRAWINGS INCLUDING ANY AND ALL REQUIRED SUBSURFACE SOIL PREPARATION, MODIFICATIONS, IMPROVEMENTS OR REPLACEMENTS.

CONCRETE NOTES:

- 1. MATERIALS: CONCRETE SLAB ON GRADE 4000 PSI @ 28 DAYS
ALL OTHER CONCRETE 3000 PSI @ 28 DAYS
REINFORCING STEEL ASTM A615, GRADE 60
WELDED WIRE FABRIC ASTM A185
2. REINFORCED CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318, LATEST EDITION.
3. HORIZONTAL REINFORCING BARS IN WALLS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS.
4. REINFORCING BARS SHALL BE LAPPED WITH A MINIMUM OF 36 BAR DIAMETERS AT SPICES AND WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 6 INCHES UNLESS NOTED OTHERWISE ON DRAWINGS.
5. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:
CONCRETE CAST AGAINST EARTH & PERMANENTLY EXPOSED 3"
CONCRETE EXPOSED TO EARTH OR WEATHER
#5 & SMALLER 1 1/2"
#6 & LARGER 2"
CONCRETE NOT EXPOSED TO WEATHER OR GROUND
SLABS AND JOISTS 3/4"
BEAMS AND WALLS 1 1/2"
COLUMNS AND PILASTERS 2"
SLABS ON GRADE 2" MAX. (TOP)
6. MINIMUM EMBEDMENT LENGTH SHALL BE 24 BAR DIAMETERS UNLESS OTHERWISE NOTED.
7. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR-ENTRAINED 4%-6%.
8. ALL REINFORCING SHALL BE SUPPORTED ON REINF. CHAIRS OR CONCRETE MASONRY UNITS.
9. ALL REINFORCING SHALL BE TIED AND SET IN PLACE PRIOR TO PLACING CONC.
10. CONCRETE SHALL NOT BE PLACED ON WET OR FROZEN SUBSTRATE.
11. CONCRETE SHALL BE PLACED ONLY AFTER INSPECTION AND APPROVAL OF SUBSTRATE FORM WORK, REINFORCING, AND EMBEDMENTS BY TOWNSHIP ENGINEER OR FIELD REPRESENTATIVE.
12. CONCRETE SHALL BE TESTED AT A MINIMUM FOR COMPRESSIVE STRENGTH, SLUMP AND AIR ENTRAINMENT FOR EACH DAY'S PLACEMENT AND FOR EACH FIFTY (50) CUBIC YARDS PLACED DURING A DAY
13. CONCRETE WALLS SHALL BE IN PLACE FOR A MINIMUM OF 14 DAYS AND AFTER FLOOR FRAMING IS INSTALLED PRIOR TO BACKFILLING. AT CONTRACTORS OPTION, BACKFILL MAY BE PLACED AGAINST WALLS THAT HAVE BEEN TEMPORARILY SHORED; HOWEVER, CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY MOVEMENT OF WALLS DUE TO BACKFILLING.
14. ALL REINF. DETAILS SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315) UNLESS DETAILED ON THE STRUCTURAL DRAWINGS

MASONRY NOTES:

- 1. MATERIALS: CONCRETE MASONRY UNITS ASTM C90 GRADE N (MIN. COMP. STRENGTH = 1900 PSI)
MORTAR ASTM C270 TYPE M OR S (MIN. COMP. STRENGTH = 2500 PSI)
GROUT ASTM C476 (MIN. COMP. STRENGTH = 3000 PSI)
2. MASONRY CONSTRUCTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" AND "SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF LOAD-BEARING CONCRETE MASONRY" AS PUBLISHED BY THE NATIONAL CONCRETE MASONRY ASSOCIATION.
3. ALL MASONRY BEARING BENEATH STEEL COLUMN, BEAM AND LINTEL SUPPORTS SHALL HAVE THREE COURSES OF CMU FILLED WITH CONCRETE GROUT OR SHALL BE 100% SOLID CMU, UNLESS NOTED OTHERWISE.
4. ALL HORIZONTAL WALL REINFORCING SHALL BE TRUSS TYPE, GALVANIZED REINFORCING SPACED AT 16" O.C. VERTICALLY. AT ALL CORNERS AND INTERSECTIONS HORIZONTAL WALL REINFORCING SHALL BE FULLY LAPPED WITH TRUSS TYPE, GALVANIZED CORNERS AND TEES.
5. PROVIDE MASONRY ANCHORS AT 1'-4" O.C. MAXIMUM, SET ON COURSING AND WELD TO ALL BEAMS AND COLUMNS ABUTTING OR EMBEDDED IN MASONRY.
6. MASONRY WALLS SHALL BE IN PLACE FOR A MINIMUM OF 14 DAYS AND AFTER FLOOR FRAMING IS INSTALLED. PRIOR TO BACKFILLING. AT CONTRACTORS OPTION, BACKFILL MAY BE PLACED AGAINST WALLS THAT HAVE BEEN TEMPORARILY SHORED; HOWEVER, CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY MOVEMENT OF WALLS DUE TO BACKFILLING.
7. PROVIDE WALL CONTROL JOINTS @ 30'-0" MAX O.C., WITHIN 10'-0" OF ALL CORNERS, AND ON ONE SIDE OF ALL LARGE OPENINGS. COORD. LOCATION WITH ARCH. ELEVATIONS. FILL WITH BACKER ROD AND SEALED PER ARCH'L SPECS.

STRUCTURAL STEEL NOTES:

- 1. MATERIALS: BEAMS ASTM A992, GRADE 50
LINTELS AND ANGLES ASTM A36
TUBE/HSS STEEL ASTM A-500, GRADE B
PIPE COLUMN ASTM A53, GRADE B
ANCHOR BOLTS ASTM A307
HIGH-STRENGTH BOLTS ASTM A325
WELDING ELECTRODES ASTM A233, CLASS E70
2. BEAM-TO-BEAM AND BEAM-TO-COLUMN CONNECTIONS SHALL BE AISC STANDARD FULL DEPTH DOUBLE ANGLE CONNECTIONS. WHERE REACTIONS EXCEED MINIMUM CONDITIONS, THE APPROPRIATE CONNECTION SHALL BE DETERMINED BY FABRICATOR (CONTRACTOR).
3. ALL MAJOR CONNECTIONS SHALL BE HIGH-STRENGTH FRICTION BOLTS OR WELDS OF EQUAL STRENGTH. ANCHOR BOLTS SHALL BE UNFINISHED BOLTS.
4. ALL COLUMNS TO BE PROVIDED WITH 3/4" THICK CAP PLATES, AS REQ'D
5. STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS.
6. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY USING E70XX ELECTRODES.
7. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION AND ORDERING. SHOP AND ERECTION DRAWINGS MUST SHOW ALL SHOP AND FIELD WELDS.
8. PROVIDE MASONRY ANCHORS AT 1'-4" o.c. MAXIMUM, SET ON COURSING AND WELD TO ALL BEAMS AND COLUMNS ABUTTING OR EMBEDDED IN MASONRY
9. ALL STEEL TO RECEIVE ONE COAT OF SHOP PRIMER, FINAL FINISH TO BE COORDINATED WITH OWNER.
10. FOR ALL ARCH'L EXPOSED STEEL (HANGERS, PLATES, ETC.) REMOVE ALL BURRS, ETC. AND GROUND ALL WELDS SMOOTH.

WOOD FRAMING NOTES:

- 1. STANDARDS: a. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION.
b. IBC "BASIC BUILDING CODE, LATEST EDITION, "RECOMMENDED NAILING SCHEDULE".
c. "TIMBER CONSTRUCTION MANUAL", AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, LATEST EDITION.
2. MATERIALS: ALL EXPOSED WOOD AND ALL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM .4 PCF (SEE PLANS FOR SIZES AND SPACINGS)
a. STUDS, PLATES, BRIDGING AND BRACING: HEM-FIR NO. 2.
b. MOISTURE CONTENT OF ALL STRUCTURAL LUMBER SHALL BE LESS THAN 19% AS VERIFIED BY STAMP.
c. PLYWOOD: CONFORMANCE TO DFPA STANDARD.
d. HARDWARE: ALL EXPOSED HARDWARE SHALL BE HOT DIPPED GALVANIZED, NOT LESS THAN 18 GA., MFG'D BY THE SIMPSON COMPANY, ALL BOLTED CONNECTIONS SHALL BE MINIMUM ASTM-A325.
3. PREFABRICATED TRUSSES: TRUSS FABRICATOR SHALL SUBMIT STRESS DIAGRAMS AND SHOP DRAWINGS PREPARED BY A REGISTERED PROFESSIONAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION. PROVIDE BRIDGING IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS MEETING OR EXCEEDING TPI 78 SPECIFICATION.
4. PREFABRICATED PARALLEL STRAND WOOD MEMBERS:
a. MATERIALS SHALL COMPLY WITH NES REPORT NO. NER-481 OR CCMC REPORT NO. 11161-R.
b. THE MATERIAL PROPERTIES SHALL MEET THE FOLLOWING MINIMUM STRUCTURAL VALUES:
BENDING STRESS, Fb=2800 PSI;
HORIZONTAL SHEAR STRESS, Fc=285 PSI;
MODULUS OF ELASTICITY = 2X106 PSI
c. PARALLAM PSL SHALL BE MANUFACTURED FROM STRANDS OF WOOD FIBER IN A CONTINUOUS PROCESS WITH ALL STRANDS ORIENTED TO THE LENGTH OF THE MEMBER AND THEN FED INTO A PRESS IN THE DESIRED ALY-UP PATTERN. ALL MEMBERS ARE TO BE FREE OF FINGER JOINTS OR SCARFS OR MECHANICAL CONNECTIONS IN FULL LENGTH MEMBERS.
d. ALL MEMBERS SHALL HAVE LATERAL SUPPORT SUPPLIED AT ALL BEARING POINTS AS WELL AS CONTINUOUSLY ALONG THE COMPRESSION FACE.
e. ADHESIVES SHALL BE OF THE WATERPROOF TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559.
f. HOLES, CUTS OR NOTCHES NOT PREVIOUSLY APPROVED BY TRUS JOIST MACMILLAN ENGINEERING SHALL NOT BE PERMITTED.
5. WOOD I-JOISTS:
a. I-JOISTS SHALL BE DESIGNED AND MANUFACTURED TO THE STANDARDS SET FORTH IN THE NATIONAL EVALUATION SERVICE, INC. NES REPORT NO. NER-200 OR THE APPROPRIATE CCMC NUMBER.
b. SUBMIT SHOP DRAWINGS SHOWING LAYOUT AND DETAIL NECESSARY FOR DETERMINING FIT AND PLACEMENT IN THE BUILDING.
c. REFER TO ALL PERTINENT INFORMATION PROVIDED BY THE MANUFACTURER FOR ERECTION AND INSTALLATION OF TJI I-JOIST.
6. ALL WORK SHALL CONFORM TO CODE REQUIREMENTS AITC 102, 105 & 108 STANDARD PRACTICE, AND APA CONSTRUCTION GUIDE.
7. ALL EXTERIOR BEARING WALLS TO BE CONSTRUCTED OF 2X6'S @ 16" O.C., WITH SOLID BLOCKING @ 4'-0" O.C.
8. COORDINATE LOCATION OF ALL BEARING WALLS, POSTS, COLUMNS, HEADERS, SHEAR WALLS, ETC. W/ ARCH. DWGS.
9. PROVIDE STRUCTURAL PLYWOOD SHEATHING OR APPROVED EQUAL AT ALL SIDES OF CORNERS FOR WIND BRACING. CONNECTIONS OF PLYWOOD SHALL COMPLY WITH APA NAILING REQUIREMENTS FOR PLYWOOD SHEAR WALLS.

PRE-ENGINEERED WOOD FLOOR AND ROOF TRUSS NOTES:

- 1. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. DRAWINGS SHALL BE COMPLETE IN ALL DETAILS, INCLUDING ALL BRACING LOCATIONS AND BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SOLELY RESPONSIBLE FOR SAME.
2. TRUSS SUBCONTRACTOR SHALL FURNISH GALVANIZED METAL PLATES OF GAUGE AND SIZE TO FULLY DEVELOP CONNECTIONS FOR STRESS. PLATES SHALL BE ON BOTH SIDES OF CONNECTIONS.
3. FLOOR/ROOF CONSTRUCTION SHALL BE TEMPORARILY BRACED PER TRUSS MANUF. RECOMMENDATIONS DURING ERECTION UNTIL DECK IS RIGIDLY IN PLACE. DO NOT APPLY ANY TEMPORARY CONCENTRATED LOADS (BUNDLED PLYWOOD, ETC.) TO UN-BRACED OR UN-SHEATHED ROOF AREAS.
4. FURNISH ALL BRIDGING TIES, ANCHORS, ETC. TO MAKE A COMPLETE ROOF SYSTEM. FOR GABLE END TRUSS CONNECTION TO EXTERIOR WALL, USE SIMPSON A35F CONNECTORS @ 24" O.C. (OR APPROVED EQ.). FOR "PIGGY-BACK" TRUSSES, USE SIMPSON LTP4 CONNECTORS (OR APPROVED EQ.) TO CONNECT TO MAIN TRUSS.
5. FURNISH CONNECTOR PLATES AS SPECIFIED TO FULLY DEVELOP ALL TRUSS CONNECTIONS. SUBMIT STRESS DIAGRAM OF TRUSSES.
6. PERMANENT BRACING/BRIDGING SHALL BE 2x6 HORIZONTAL AT SPACING REQ'D BY TRUSS MANUFACTURER (12'-0" O.C. MAX.). BRACING TO BE NAILED TO BOTTOM CHORDS AND WEBS OF TRUSSES WITH MIN. (2)-10D NAILS AND BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND HIB-91. CONTRACTOR MUST FOLLOW AND BE RESPONSIBLE FOR ALL MANUFACTURER'S RECOMMENDATIONS FOR BRACING AND ERECTION OF THE WOOD TRUSSES.
7. ERECTION AND FABRICATION OF ALL LUMBER SHALL BE IN ACCORDANCE WITH A.I.T.C. SPECIFICATIONS AND RECOMMENDATIONS (LATEST EDITION) AND HIB-91.
8. PROVIDE DOUBLE WOOD TRUSSES WITH REINFORCED CHORDS AT ALL MECHANICAL UNITS THAT ARE TO BE HUNG OR REST ON ANY WOOD TRUSSES. SHOW ALL MECHANICAL UNITS ON DESIGN DRAWINGS. PROVIDE ADDITIONAL "X" BRACING AT ALL MECHANICAL UNIT LOCATIONS. CONTRACTOR MUST NOTIFY THE TRUSS MANUFACTURER OF ANY ADDITIONAL MECHANICAL UNITS TO BE PLACED ON THE WOOD TRUSSES NOT SHOWN ON DESIGN DRAWINGS PRIOR TO LOADING THE TRUSSES AND OBTAIN APPROVAL FROM THE TRUSS MANUFACTURER'S ENGINEER.
9. ALL WOOD TRUSSES TO BE SPACED @ 24" O.C. MAX.; FLOOR TRUSSES @ 16" O.C. MAX., U.N.O.
10. TRUSS DESIGN LOADS:
ROOF FLOOR
TC LL = 30 PSF TC LL = 50 PSF
TC DL = 10 PSF TC DL = 20 PSF
BC DL = 10 PSF BC DL = 5 PSF
11. COORDINATE ALL ROOF TRUSS LAYOUTS, PROFILES, SLOPES OVERHANGS, AND OVERFRAMING WITH ARCH'L

PIER SCHEDULE table with columns: Mk, SIZE, VERT. REINF., HOR. TIES, REMARKS

FOOTING SCHEDULE table with columns: Mk, SIZE, REINFORCING (SHORT WAY, LONG WAY), REMARKS

HEADER & LINTEL SCHEDULE table with columns: Mk, MATERIAL, REMARKS, POST

DESIGN DATA (IBC 2021) (NEW JERSEY EDITION)
1ST & 2ND FLOOR
LIVE LOAD (OFFICE) 50 LBS/FT^2
DEAD LOAD 20 LBS/FT^2
ROOF LOAD
LIVE LOAD (SNOW) 30 LBS/FT^2
DEAD LOAD 20 LBS/FT^2
BUILDING CATEGORY II
ROOF SNOW LOAD (DRIFTING SNOW IN ADDITION TO UNIFORM LOAD WHERE APPLICABLE)
Pg = 30 LBS./FT.^2
Pf = 25 LBS./FT.^2
IS = 1.0
Ce = 1.0
Ct = 1.0
BASIC DESIGN WIND LOAD
V = 115
Iw = 1.0
EXPOSURE C
INTERNAL PRESSURE COEFFICIENT = 0.18
COMPONENTS AND CLADDING SHALL BE DESIGNED FOR:
+ 18 LBS./FT.^2
- 18 LBS./FT.^2
ALLOWABLE SOIL BEARING (ASSUMED)
COLUMNS 3000 LBS./FT.^2
WALLS 3000 LBS./FT.^2
EARTHQUAKE DESIGN DATA
SEISMIC USE GROUP I
SEISMIC DESIGN CATEGORY B
Sds = 0.174
Sd1 = 0.087
SITE CLASS D
BASIC SEISMIC-FORCE-RESISTING SYSTEM = LIGHT-FRAME WALLS SHEATHED W/ WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
IE=
EQUIVALENT LATERAL FORCE PROCEDURE

LEGEND:
B.O. BOTTOM OF
B.O.F. BOTTOM OF FOOTING
BS BOTH SIDES
CJ CONTROL JOINT
CL CENTER LINE
E.F. EACH FACE
FT FOOTING
FND FOUNDATION
MJ MASONRY WALL CONTROL JOINT
MP MASONRY PIER
O.C. ON CENTER
O.F. OUTSIDE FACE
P PIER
PL PLATE
CMU DENOTES CMU
CONCRETE DENOTES CONCRETE
BRICK DENOTES BRICK



1225 NORTH BROAD STREET SUITE 4 WEST DEPTFORD NJ 08086
t: 856.384.1225 e-mail: info@ruggieripartners.com website: www.ruggieripartners.com
SALVATORE DIGENOVA ENGINEER REGISTRATION NO. 42619 DATE \_\_\_\_\_ SIGNED

CLIENT:
Allied Painting
4 Larwin Road
Cherry Hill, NJ 08034

PROJECT:
Proposed Warehouse Facility
2174 South Black Horse Pike
Block 3901, Lot 29
Monroe Township, Gloucester County NJ 08094

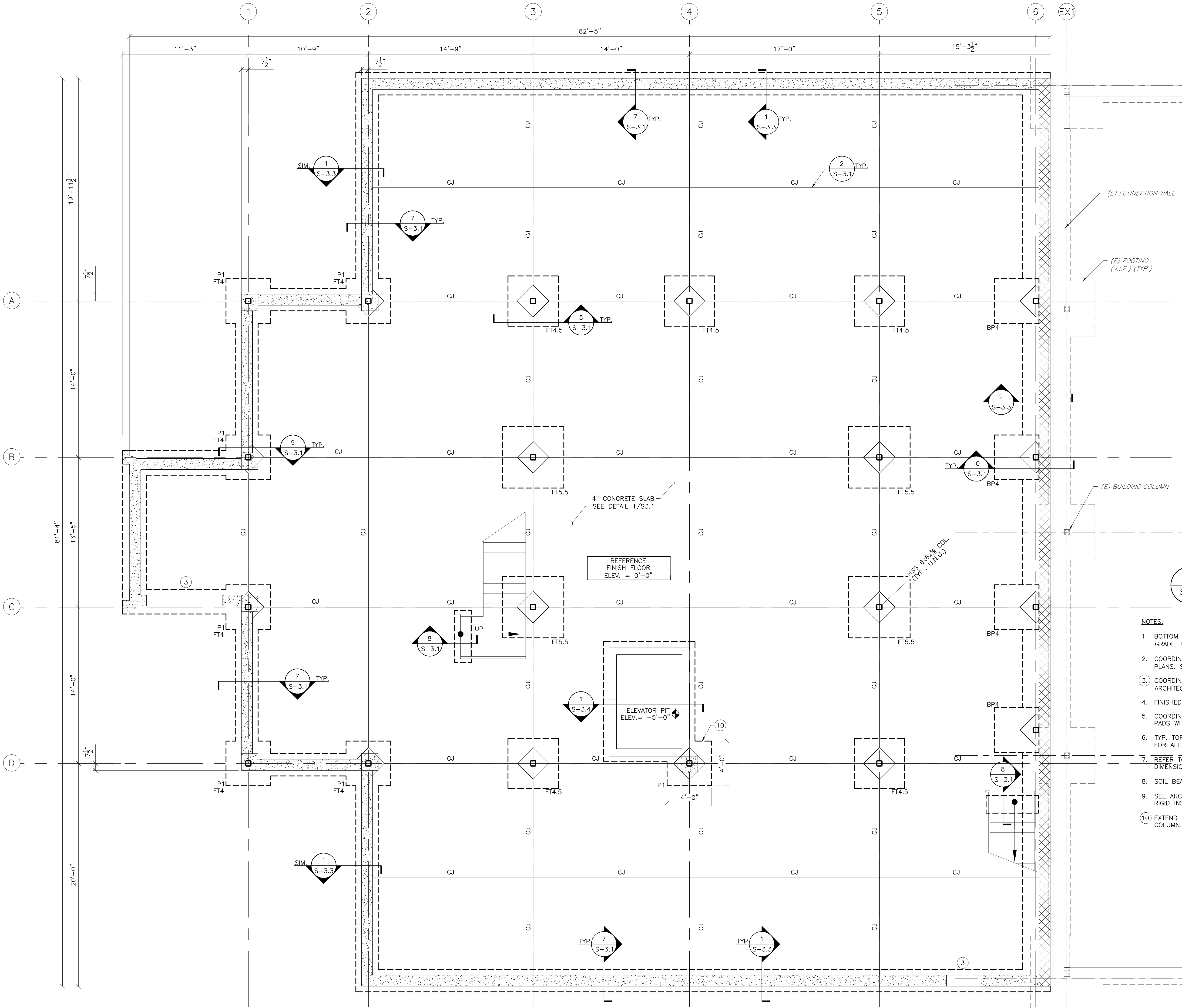
REVISIONS:
A 11/18/24 PRELIM. PRICING / BID SET

SHEET TITLE:
General Notes and Specs

DRAWN BY: SLR
CHECKED BY: SD
SCALE: AS NOTED
DATE: 9-03-2024
PROJECT NUMBER: 2024-058.00

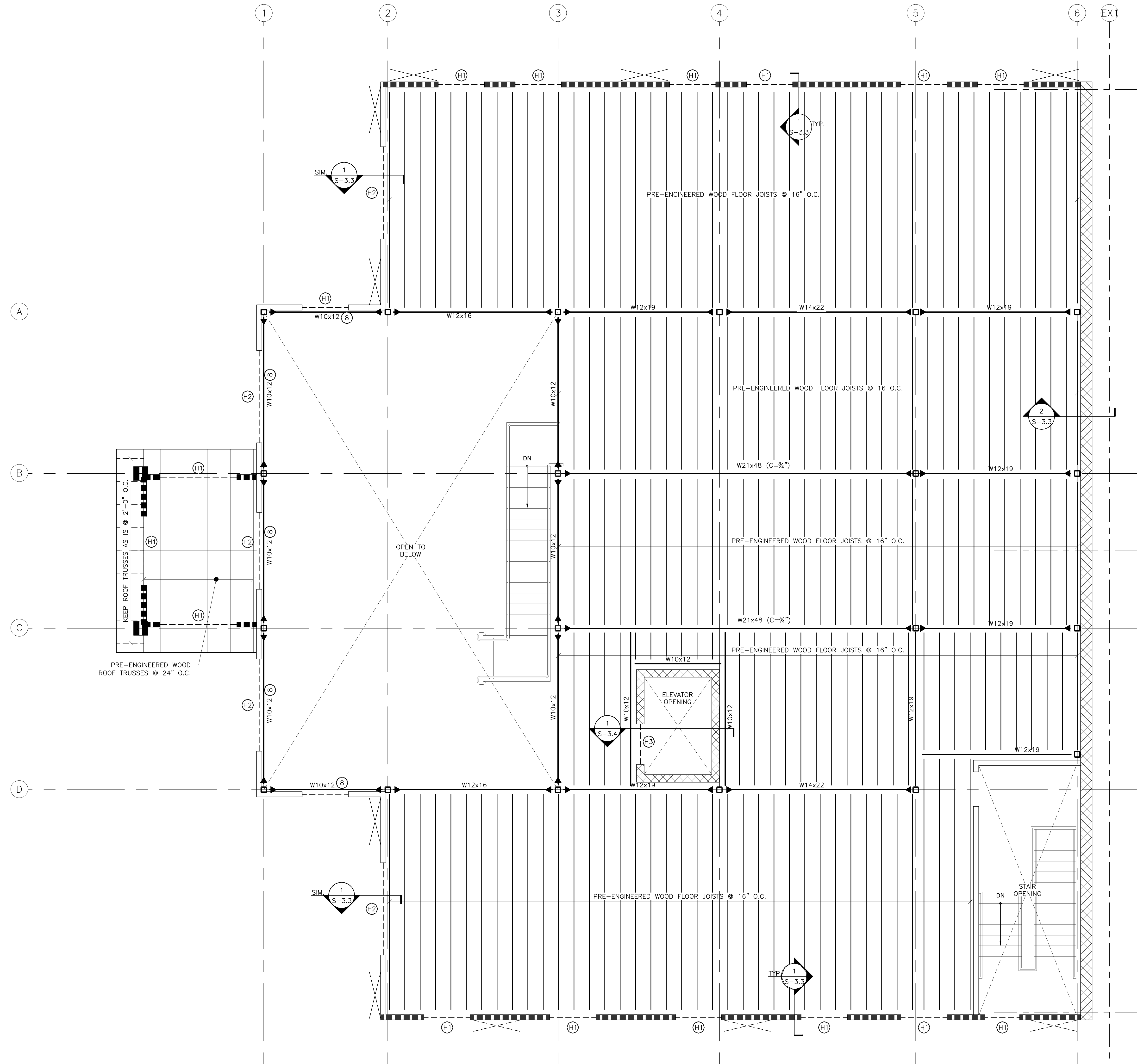
DRAWING NUMBER:
S-0.0





**1 FOUNDATION PLAN**  
S-1.1 SCALE: 1/4"=1'-0"

- NOTES:**
1. BOTTOM OF EXT. FOOTING TO BE MIN. -3'-0" BELOW FINISHED EXTERIOR GRADE, U.N.O (-).
  2. COORDINATE BOTTOM OF FOOTING ELEV. SHOWN ABOVE WITH CIVIL/GRADING PLANS. SEE STEPPED FOOTING DETAIL 3/S3.1.
  3. COORDINATE FOUNDATION HOLDDOWNS WITH DOOR LOCATIONS SHOWN ON ARCHITECTURAL DRAWINGS. SEE 4/S3.1.
  4. FINISHED FLOOR ELEVATION AS NOTED ON PLAN.
  5. COORDINATE EXTENT AND LOCATION OF SIDE WALKS AND EXIT STEP-OFF PADS WITH ARCH AND CIVIL DRAWINGS.
  6. TYP. TOP OF LEVELING PLATE ELEVATION TO BE (-7") BELOW FINISH FLOOR FOR ALL COLUMNS. U.N.O.
  7. REFER TO ARCHITECTURAL FLOOR PLANS AND CIVIL DWG'S FOR ADDITIONAL DIMENSIONS AND FOR COORDINATING LOCATIONS OF WALLS, COLUMNS, ETC.
  8. SOIL BEARING CAPACITY - 2500 PSF (ASSUMED).
  9. SEE ARCH'L DWG'S FOR EXTENT AND LOCATION OF PERIMETER UNDER-SLAB RIGID INSULATION.
  10. EXTEND ELEVATOR PIT SLAB/REINF. AS SHOWN, TO SUPPORT PIER & COLUMN.



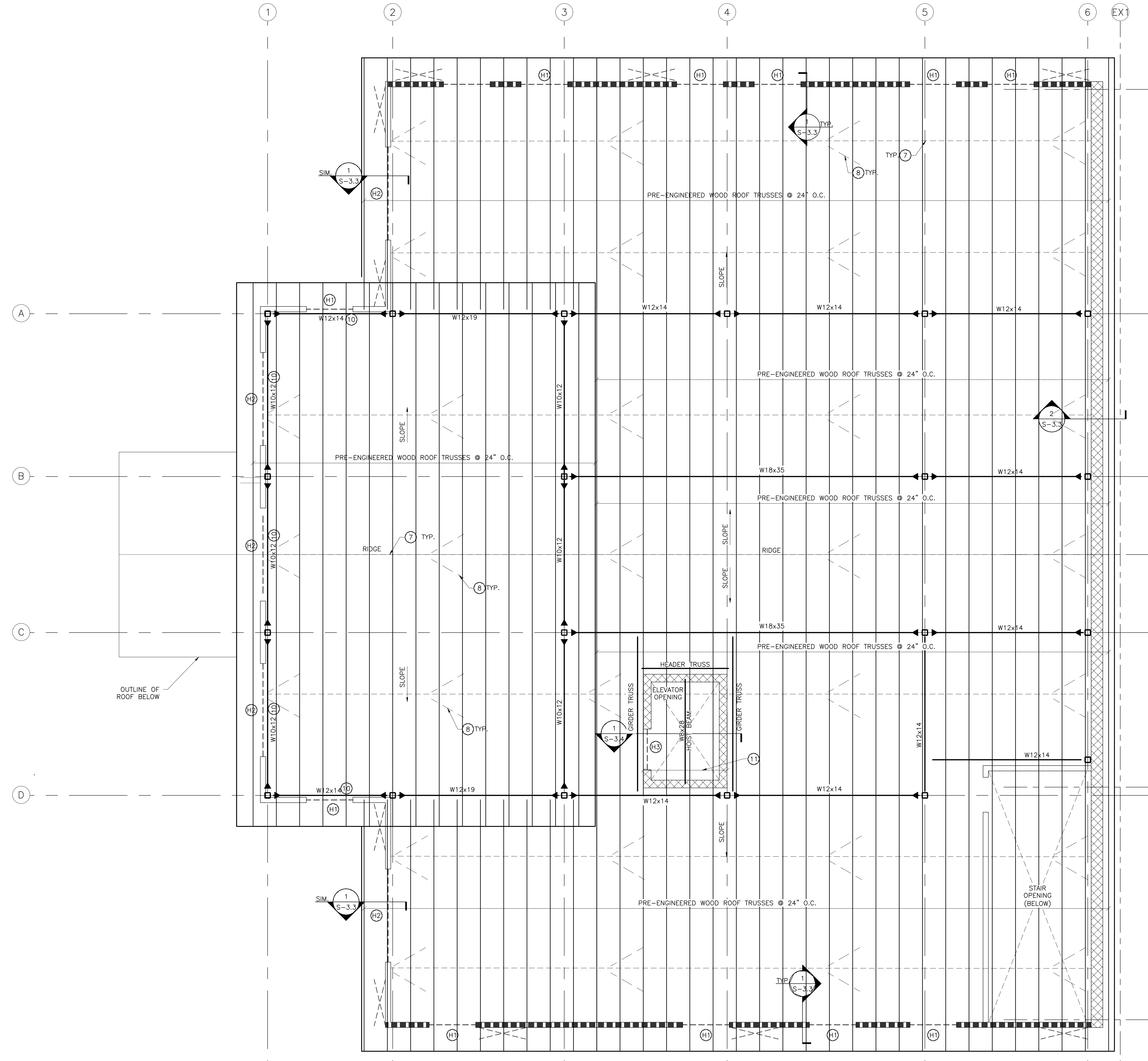
**1 SECOND FLOOR FRAMING PLAN**  
S-2.0 SCALE: 1/4"=1'-0"

NOTES:

- ALL EXTERIOR WALLS SHALL BE 2x6's @ 16" O.C. AND WITH SOLID BLOCKING @ 4'-0" O.C.
- ALL STEEL BEAMS SUPPORTING FLOOR FRAMING TO BE "FLUSH" AND TO BE PROVIDED WITH BOLTED 2X TOP PL AND BOLTED FULL DEPTH WEB BLOCKING.
- FLOOR CONSTRUCTION SHALL BE 3/4" T&G PLYWOOD
- TRIPLE 2x WALL STUD FRAMING TO SUPPORT ALL PARALLAMS, HEADERS, ETC.
- COORD. LOCATION OF ALL WALLS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS
- FLOOR TRUSS BEARING ELEV.= COORD. W/ ARCH'L.
- T.O. STEEL ELEV. = COORD. W/ARCH'L.
- PROVIDE BOLTED 2X WEB BLOCKING, FULL DEPTH, ON "EXTERIOR SIDE."

LEGEND:

- DENOTES SHEAR WALL LOCATION (SEE 6/S3.2)
- 2x6 STUDS @ 16" O.C. EXTERIOR BEARING WALL
- (Hx) DENOTES HEADER (SEE HEADER SCHEDULE. ON S-0.0)
- (C= 3/4") DENOTES CAMBER
- DENOTES MOMENT CONNECTION (SEE 8/S3.2)



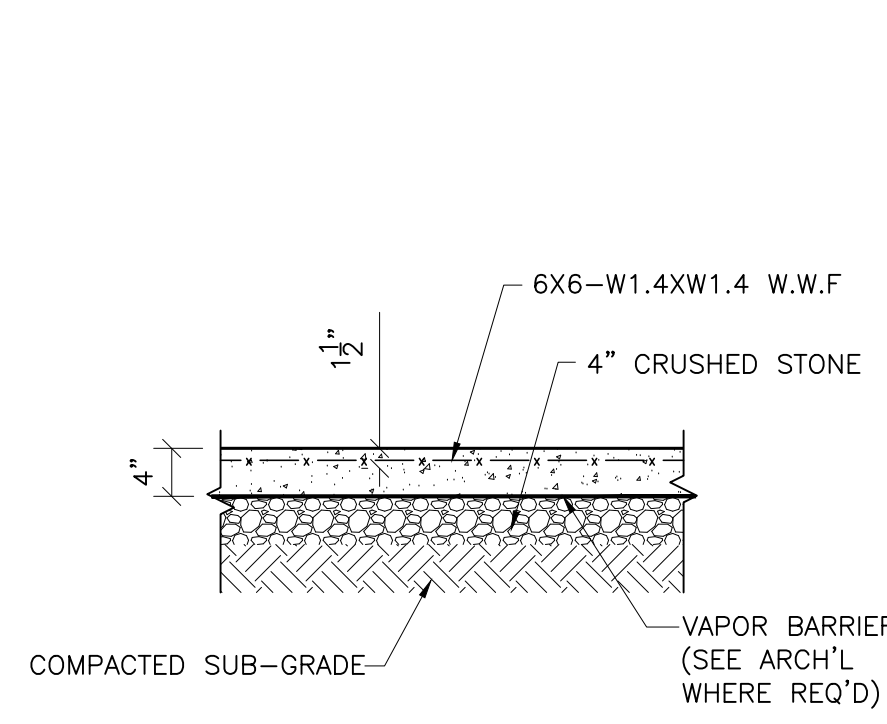
**1 ROOF FRAMING PLAN**  
S-2.1 SCALE: 1/4"=1'-0"

- NOTES:**
- ALL EXTERIOR WALLS SHALL BE 2x6's @ 16" O.C. AND WITH SOLID BLOCKING @ 4'-0" O.C., VERT.
  - ALL INTERIOR BRG. WALLS SHALL BE 2x6's @ 16" O.C. AND WITH SOLID BLOCKING @ 4'-0" O.C., VERT.
  - TRIPLE 2x WALL STUD FRAMING TO SUPPORT ALL PARALLAMS, HEADERS, ETC., U.N.O. ON PLAN
  - SHADED WALLS INDICATE THUS ( ■■■■■ ) ARE LOAD BEARING WALLS.
  - TRUSS BEARING ELEV. = COORD. W/ ARCH'L.  
T.O. STEEL ELEV. = COORD. W/ARCH'L.
  - TRUSS ROOF FRAMING LAYOUT SHOWN ABOVE IS SCHEMATIC AND FOR INFO ONLY. SEE ARCH'L DWG'S FOR ADDITIONAL INFORMATION ON TRUSS PROFILE, SLOPE DIMENSIONS, ETC. ACTUAL ROOF TRUSS LAYOUT AND LOCATIONS OF GIRDER DOUBLE TRUSS, STEP-DOWN TRUSSES, JACK TRUSSES, ETC. TO BE PROVIDED BY TRUSS MANUFACTURER.
  - 2x6 PERMANENT LATERAL BOT. CHORD TRUSS BRACING @ 12'-0" O.C. MAX. (OR AS REQ'D BY TRUSS MANUFAC. ATTACH TO EACH TRUSS WITH MIN. (2)-10d NAILS.
  - 2x6 DIAGONAL TRUSS BRACING @ 20'-0" O.C. MAX. (CONNECT W/ (2)-10d NAILS AT ALL TRUSS MEMBERS
  - ALL STEEL BEAMS SUPPORTING ROOF FRAMING TO BE "DROPPED" AND PROVIDED WITH BOLTED 2x TOP PL.
  - PROVIDE BOLTED 2x WEB BLOCKING, FULL DEPTH, ON "EXTERIOR SIDE."
  - PROVIDE 2x8 @ 24" O.C. INFILL FRAMING OVER ELEVATOR SHAFT.

- LEGEND:**
- DENOTES SHEAR WALL LOCATION (SEE 10/S3.0)
  - 2x6 STUDS @ 16" O.C. EXTERIOR BEARING WALL
  - (HX) DENOTES HEADER (SEE HEADER SCHEDULE ON S-0.0)
  - DENOTES MOMENT CONNECTION (SEE 8/S3.2)

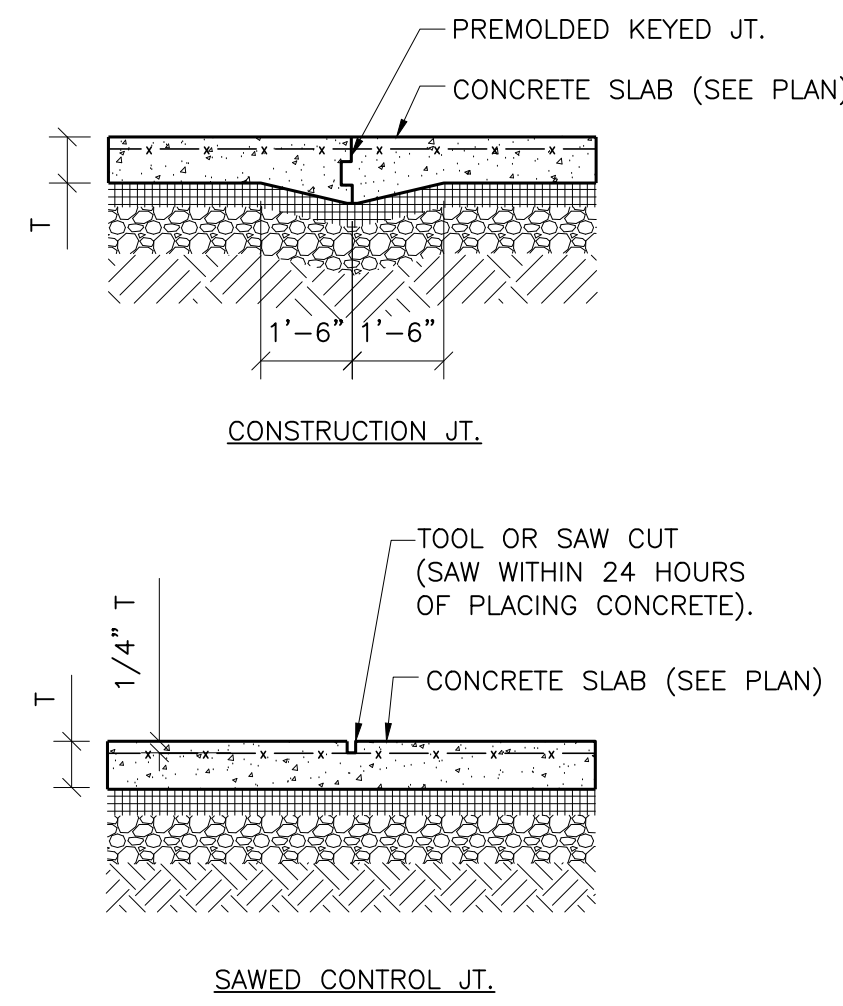
OUTLINE OF ROOF BELOW

STAIR OPENING (BELOW)



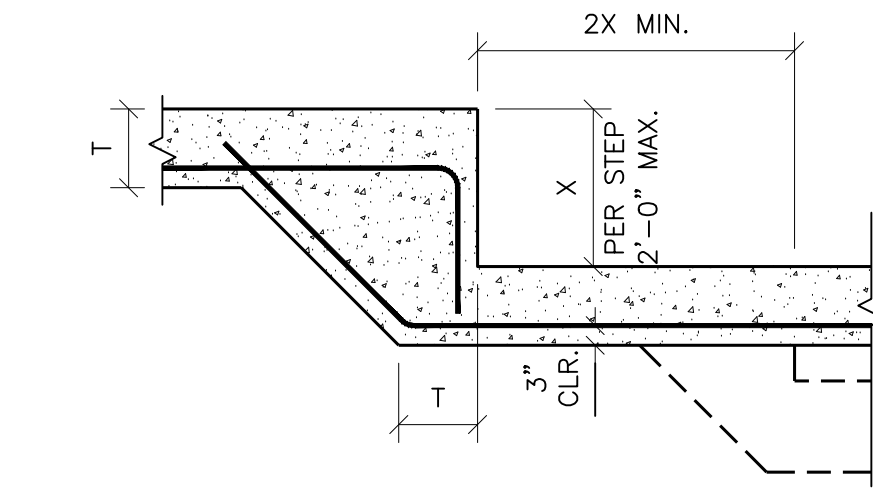
**1 TYP. SLAB DETAIL**  
S-3.1 SCALE: N.T.S.

- NOTE:**
- SEE PLAN FOR CONTROL JOINT LOCATION, TYP.

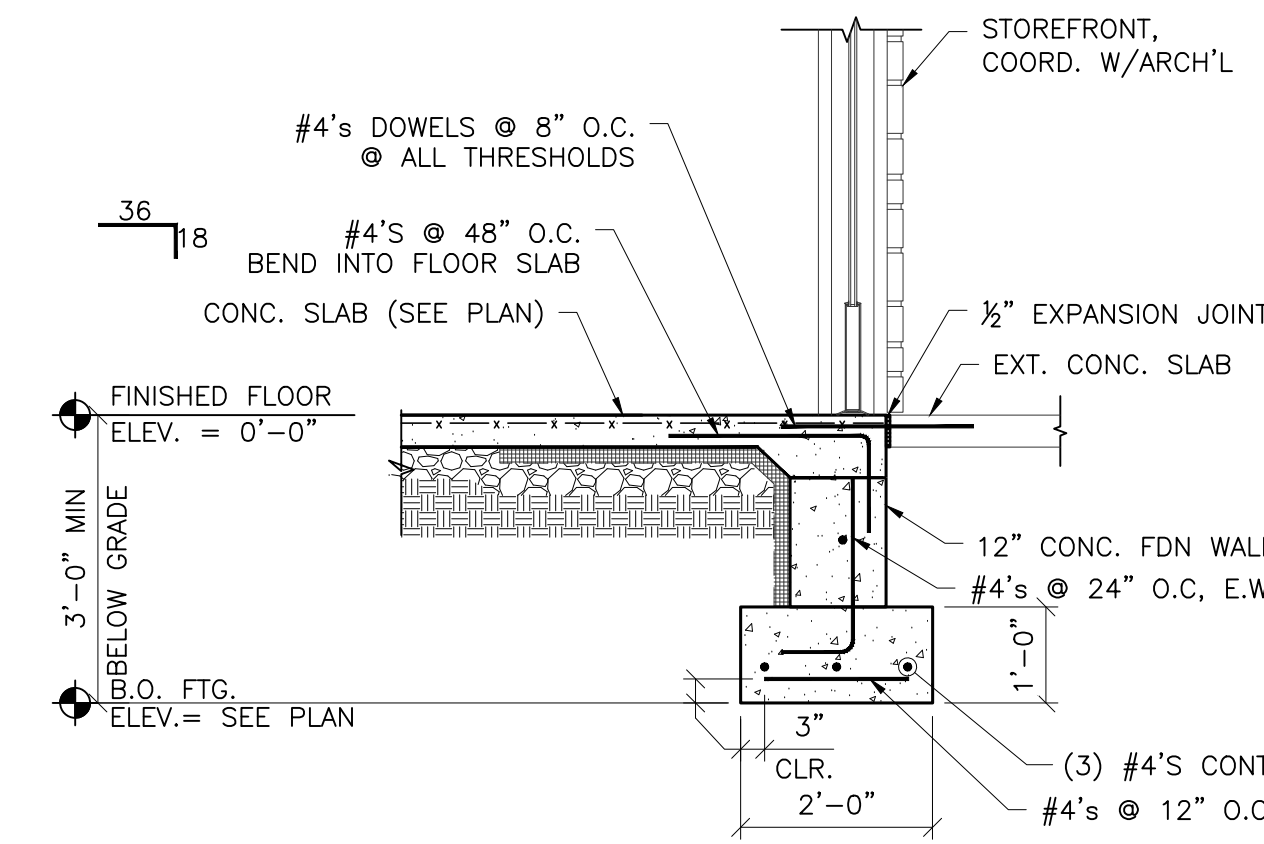


**2 TYP. CONTROL JOINTS**  
S-3.1 SCALE: N.T.S.

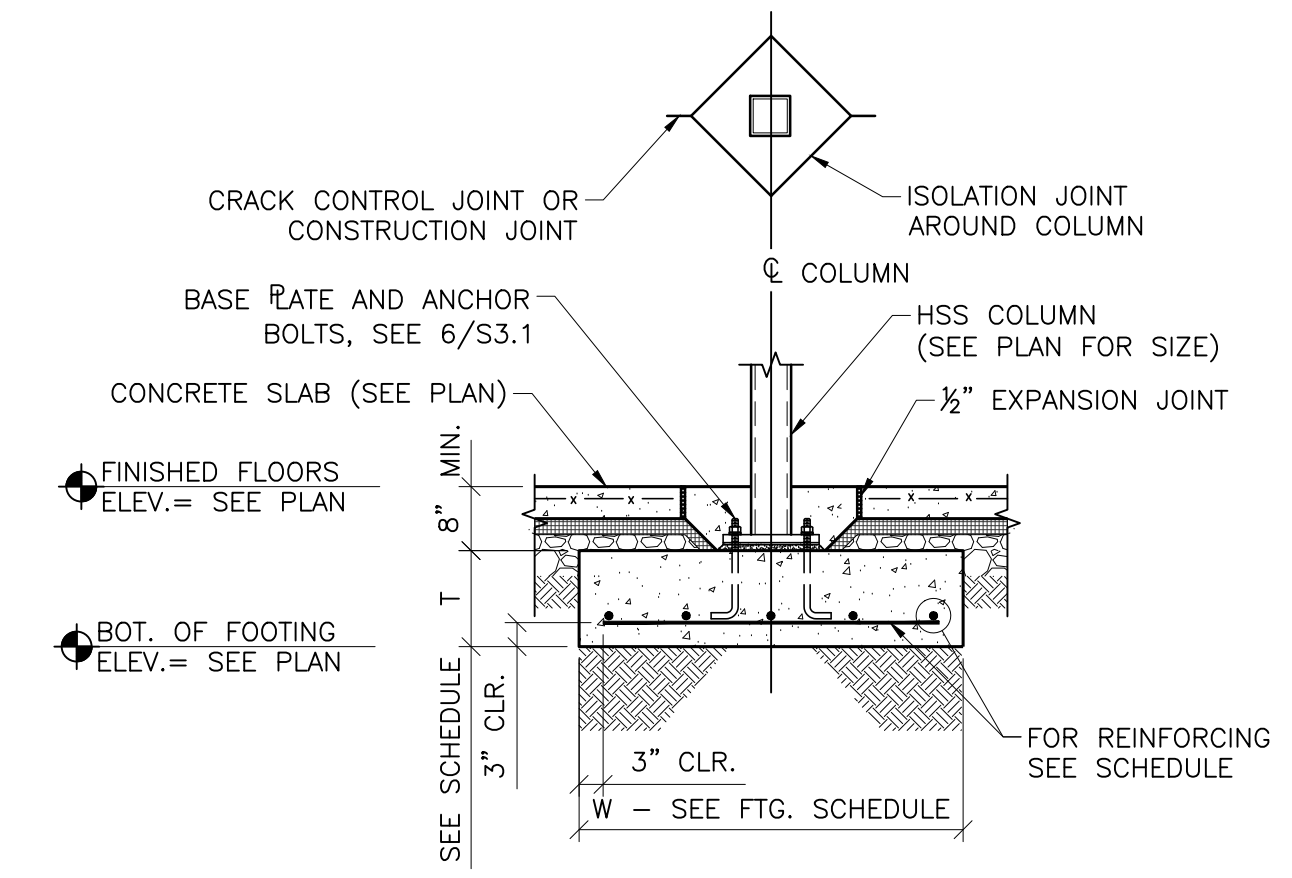
- NOTES:**
- CONTRACTOR HAS THE OPTION FOR TYPE OF JOINT USED (U.N.O.).
  - PROVIDE CONTROL JOINTS IN ACCORDANCE WITH ACI 318 AND AT MAX. 15'-0" O.C. SPA. E.W. GENERAL LAYOUT SHOWN ON PLAN.



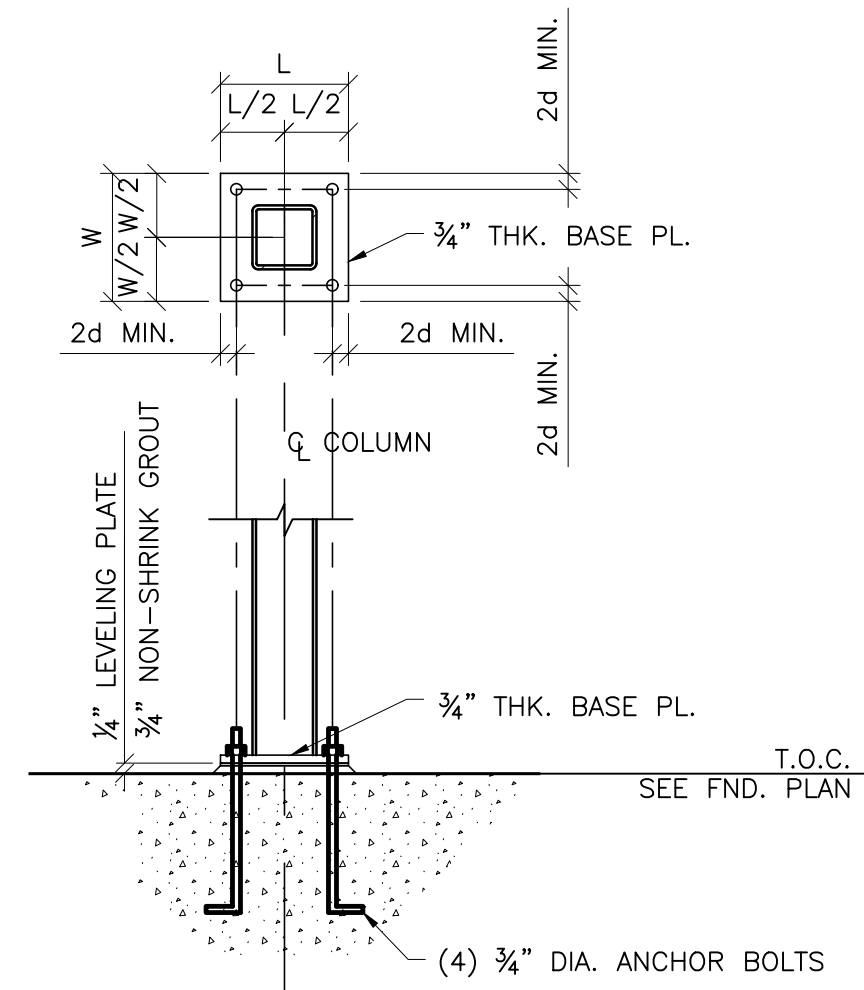
**3 TYP. CONTROL JOINTS**  
S-3.1 SCALE: N.T.S.



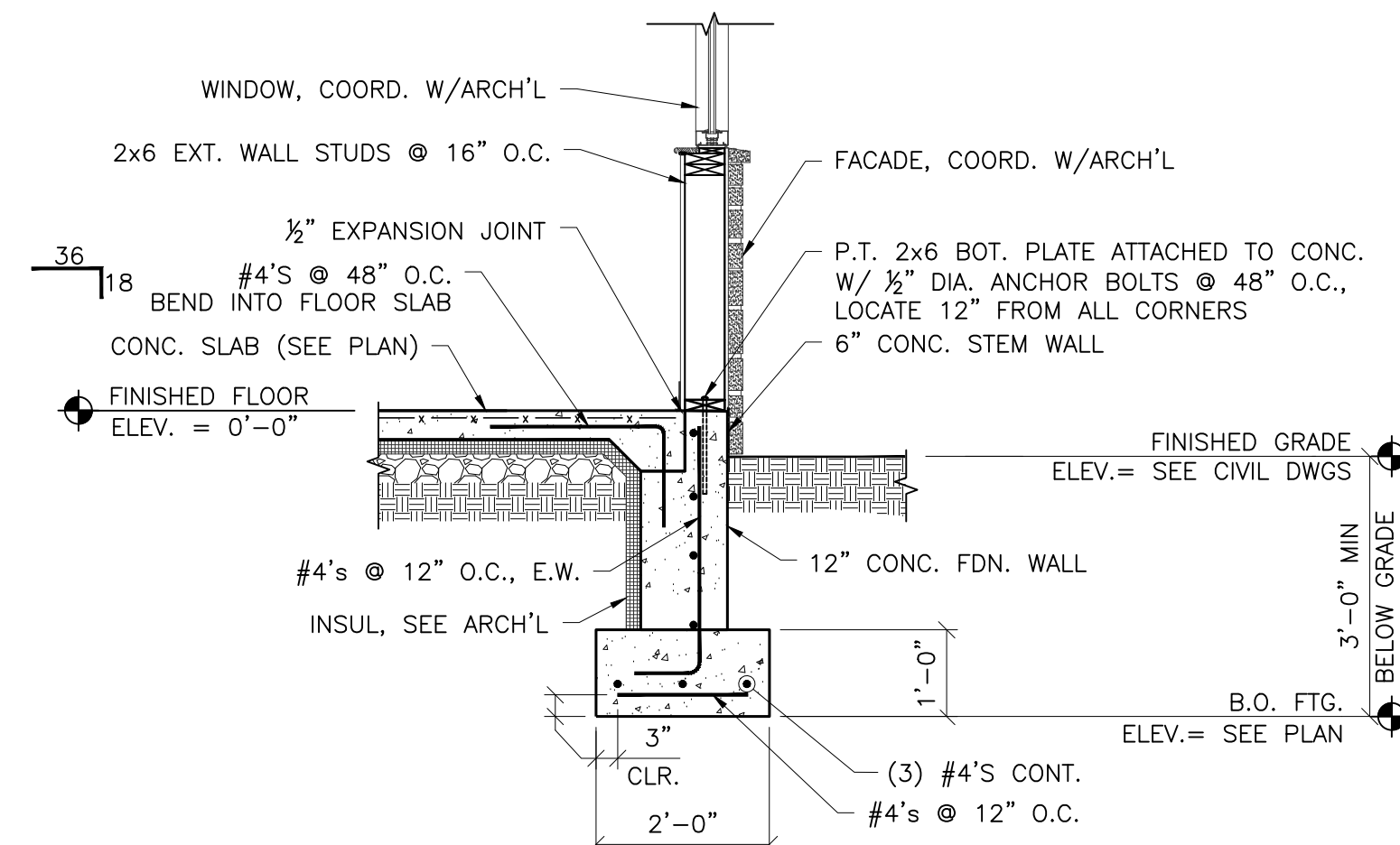
**4 TYP. HOLD DOWN**  
S-3.1 SCALE: 1/2"=1'-0"



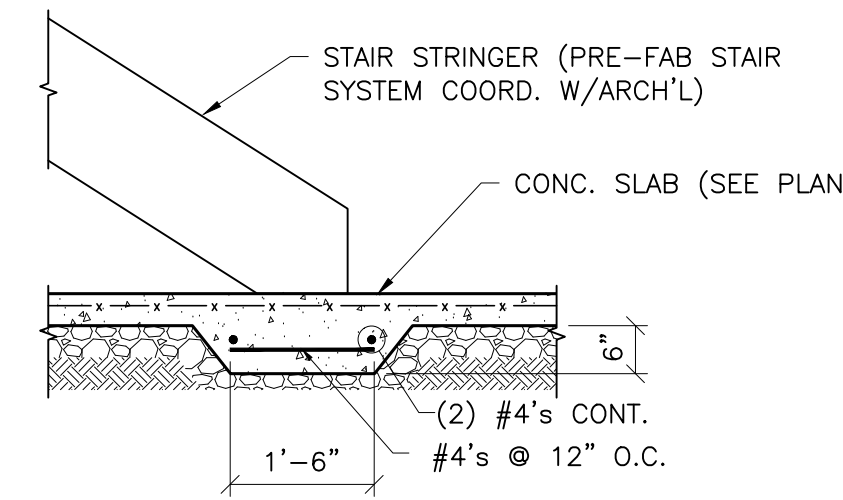
**5 TYP. INTERIOR COLUMN**  
S-3.1 SCALE: 1/2"=1'-0"



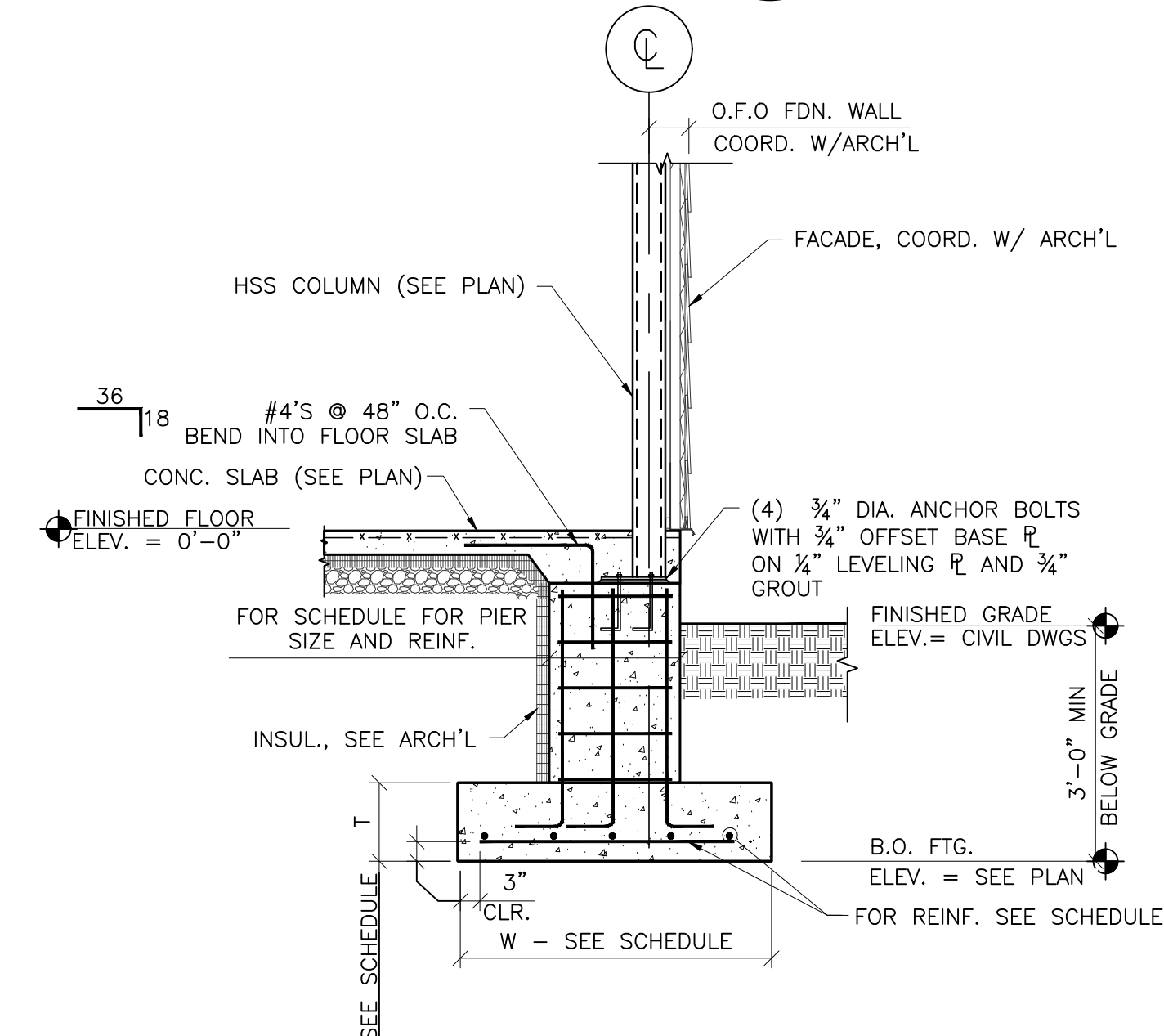
**6 TYP. BASE PLATE**  
S-3.1 SCALE: 1/2"=1'-0"



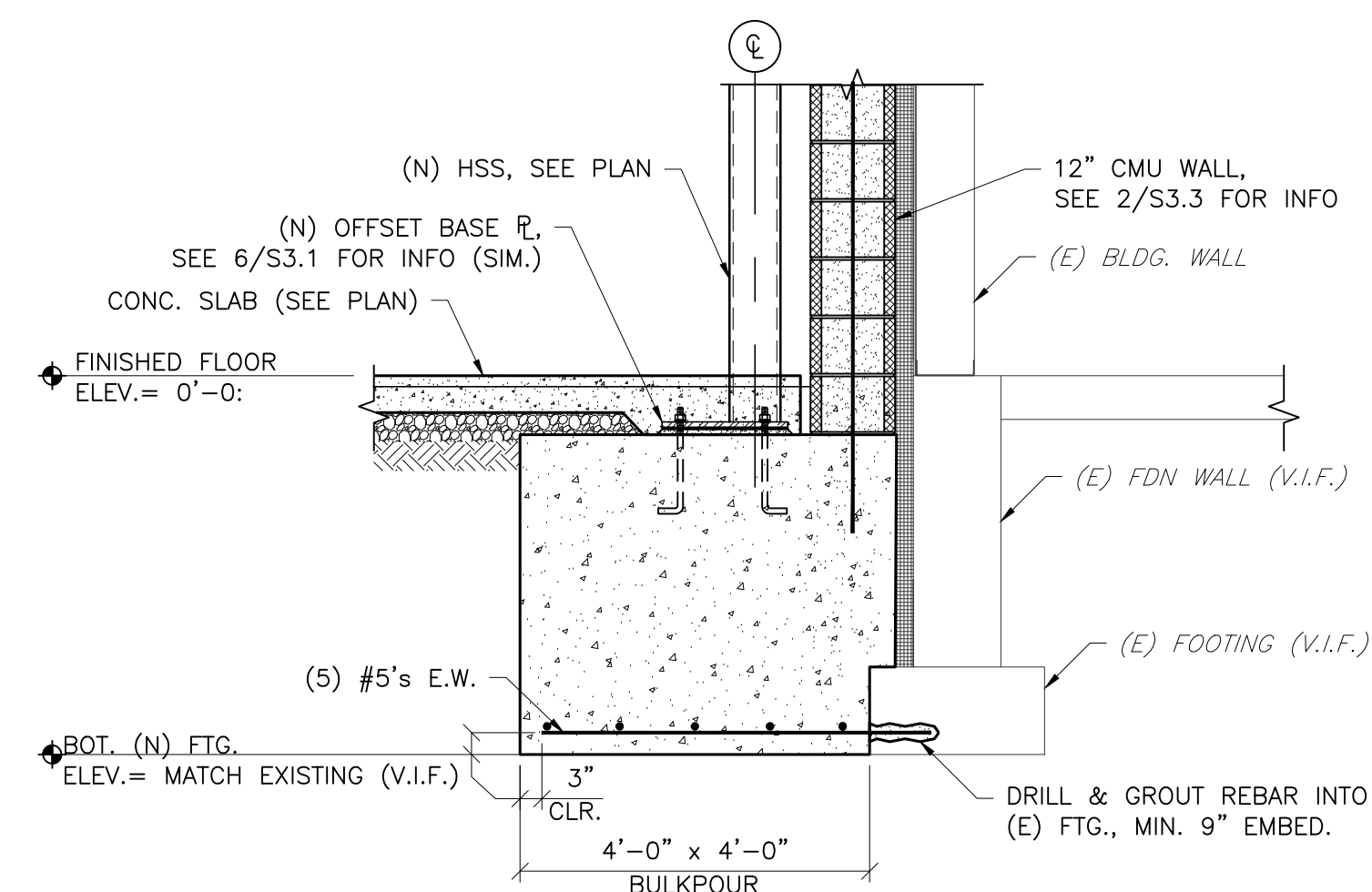
**7 TYP. FDN. WALL SECTION**  
S-3.1 SCALE: 1/2"=1'-0"



**8 STAIR STRINGER DETAIL**  
S-3.1 SCALE: 1/2"=1'-0"

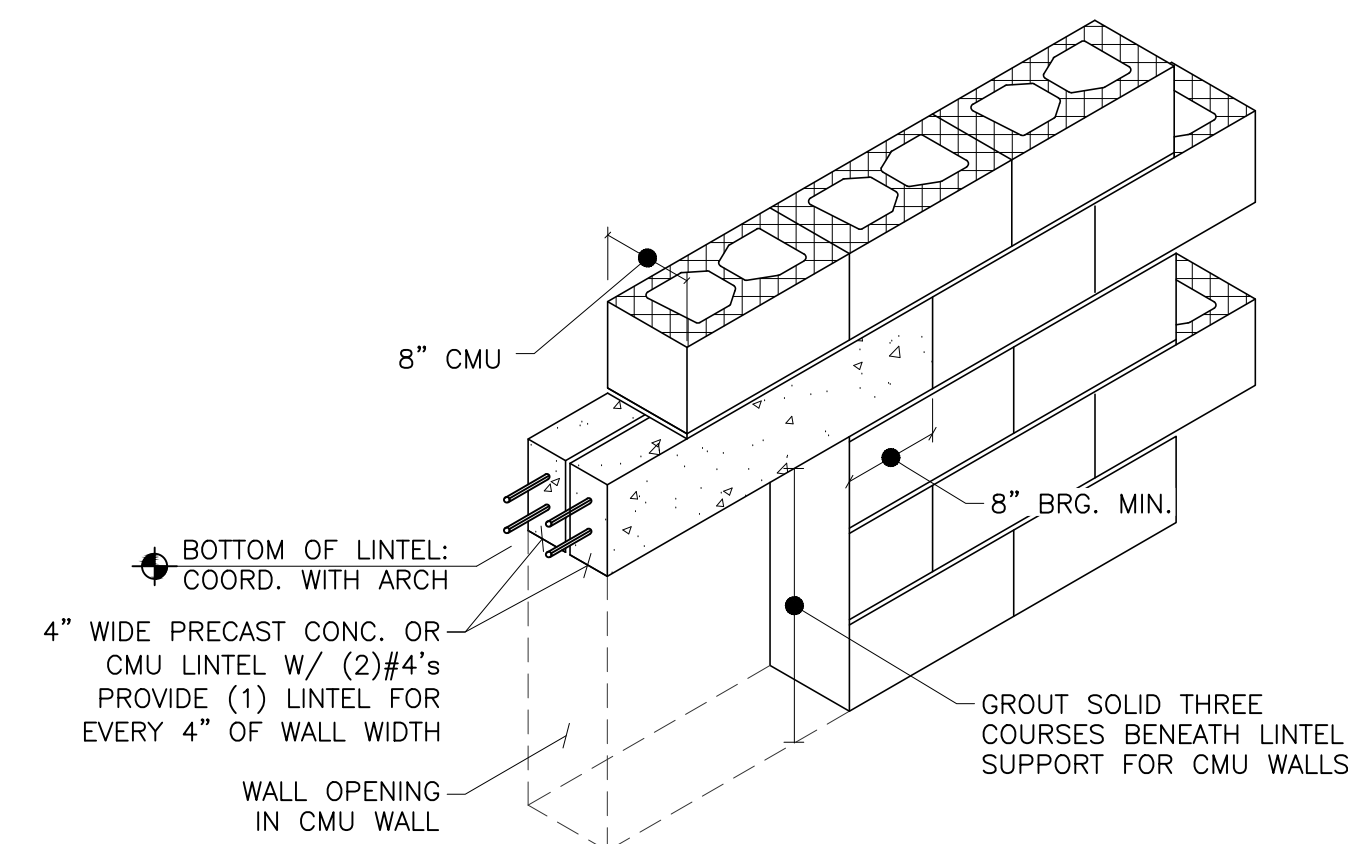


**9 SECTION @ COLUMN/PIER**  
S-3.1 SCALE: 1/2"=1'-0"



**10 SECTION @ BULK POUR FTG.**  
S-3.1 SCALE: 1/2"=1'-0"

**NOTE:**  
LIMITED OR NO INFORMATION AVAILABLE ON EXISTING FOUNDATIONS. CONTRACTOR TO FIELD VERIFY CONDITIONS AND NOTIFY ENGINEER TO DETERMINE REQ'D ADJUSTMENTS TO DETAILS PROVIDED IN THESE DRAWINGS



**11 PRE-CAST CONC. HEADER**  
S-3.1 SCALE: N.T.S.

SALVATORE DIGENOVA  
ENGINEER  
REGISTRATION NO. 42619  
DATE \_\_\_\_\_ SIGNED \_\_\_\_\_

CLIENT:  
**Allied Painting**

4 Larwin Road  
Cherry Hill, NJ 08034

PROJECT:  
**Proposed Warehouse Facility**

2174 South Black Horse Pike  
Block 3901, Lot 29  
Monroe Township, Gloucester County NJ 08094

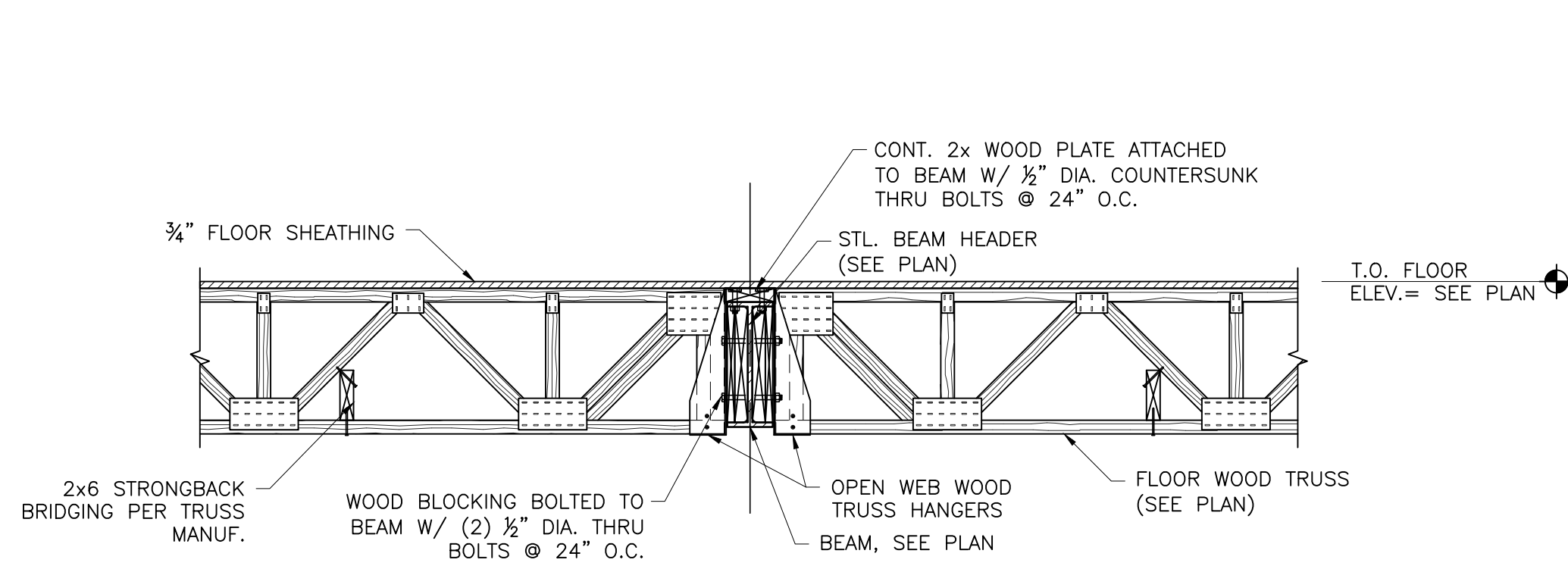
REVISIONS:  
A 11/18/24 PRELIM. PRICING / BID SET

SHEET TITLE:  
**Sections and Details**

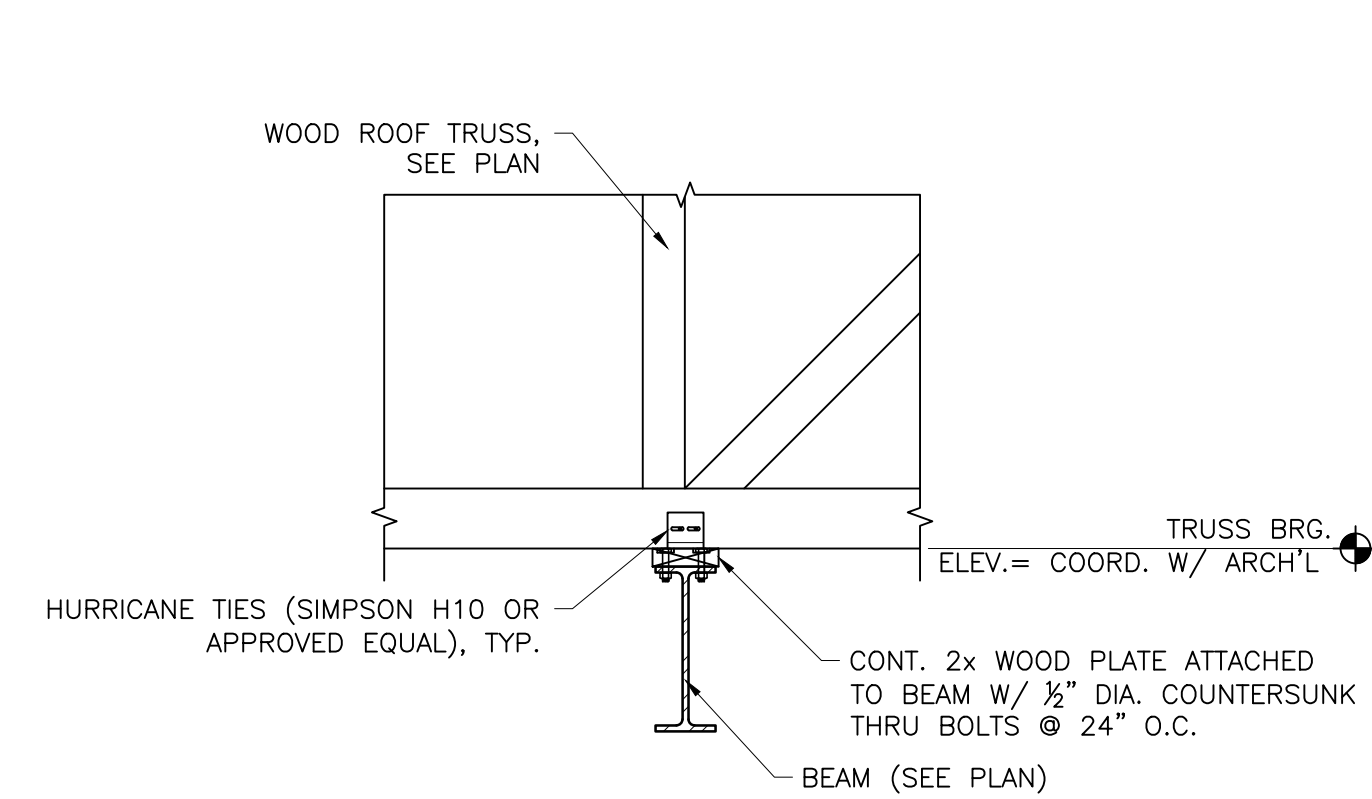
DRAWN BY: SLR  
CHECKED BY: SD  
SCALE: AS NOTED  
DATE: 9-03-2024  
PROJECT NUMBER: 2024-058.00

DRAWING NUMBER:

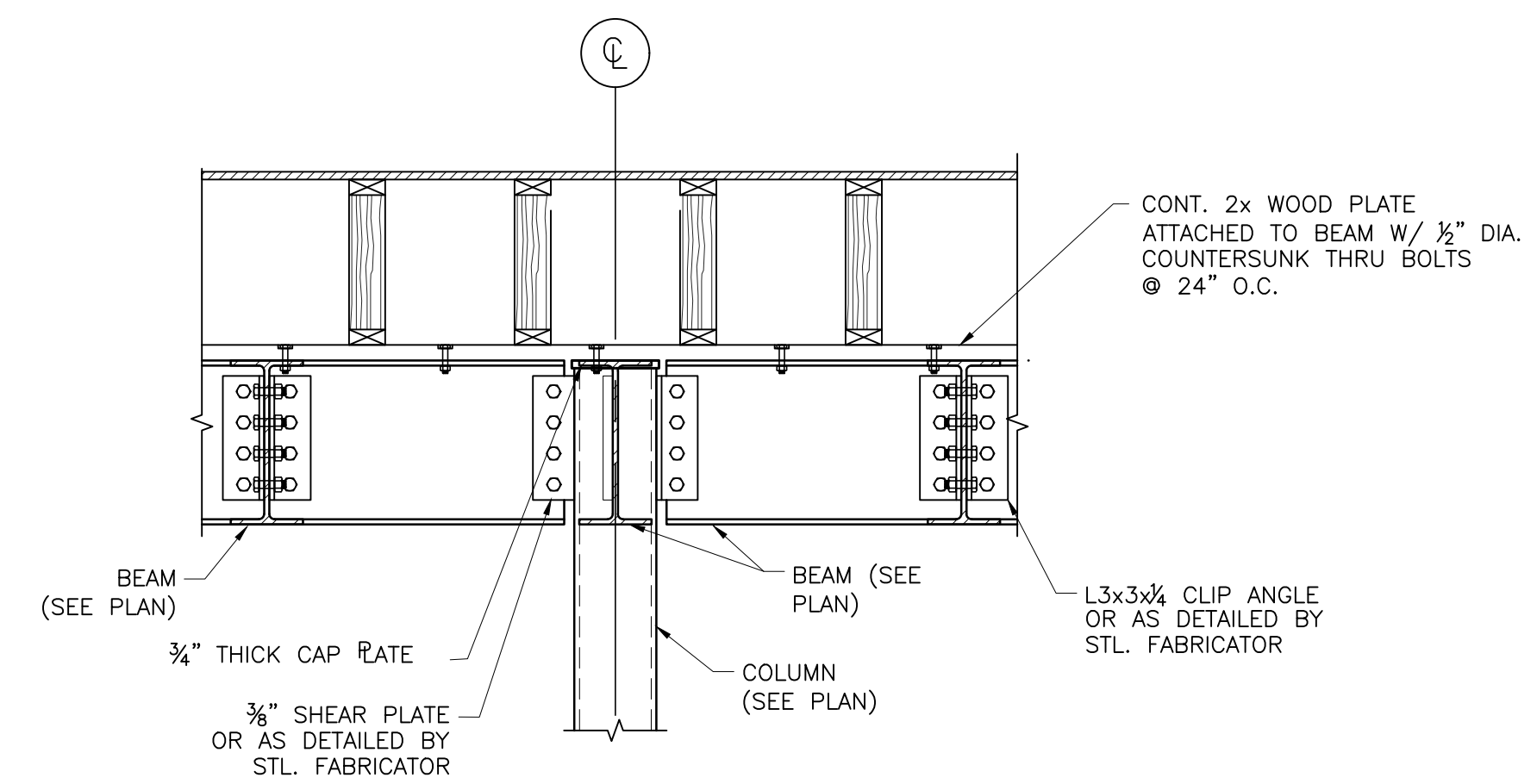
**S-3.1**



FLOOR



ROOF

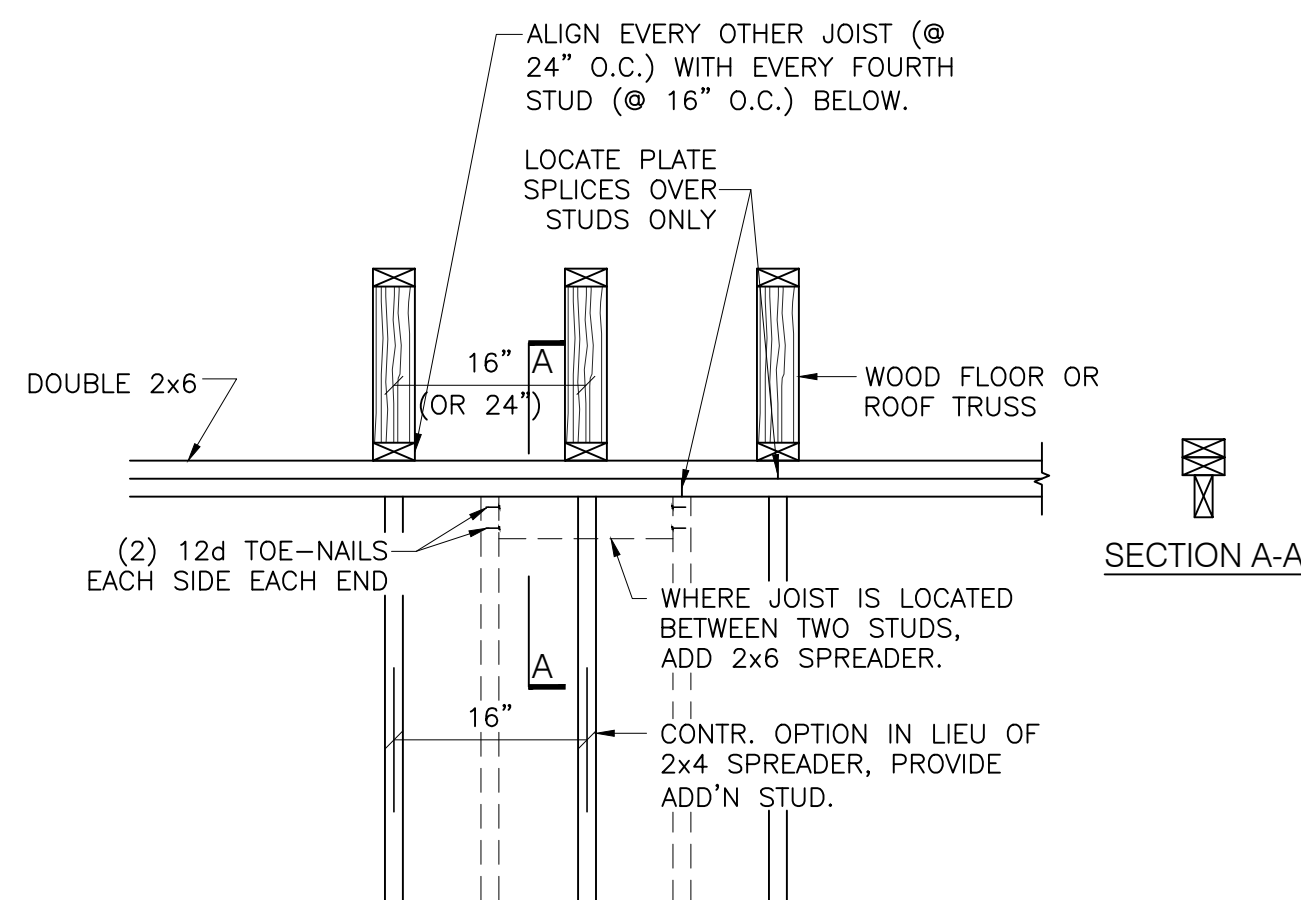


2 BEAM BRG. ON COLUMN

S-3.2 SCALE: 3/4" = 1'-0"

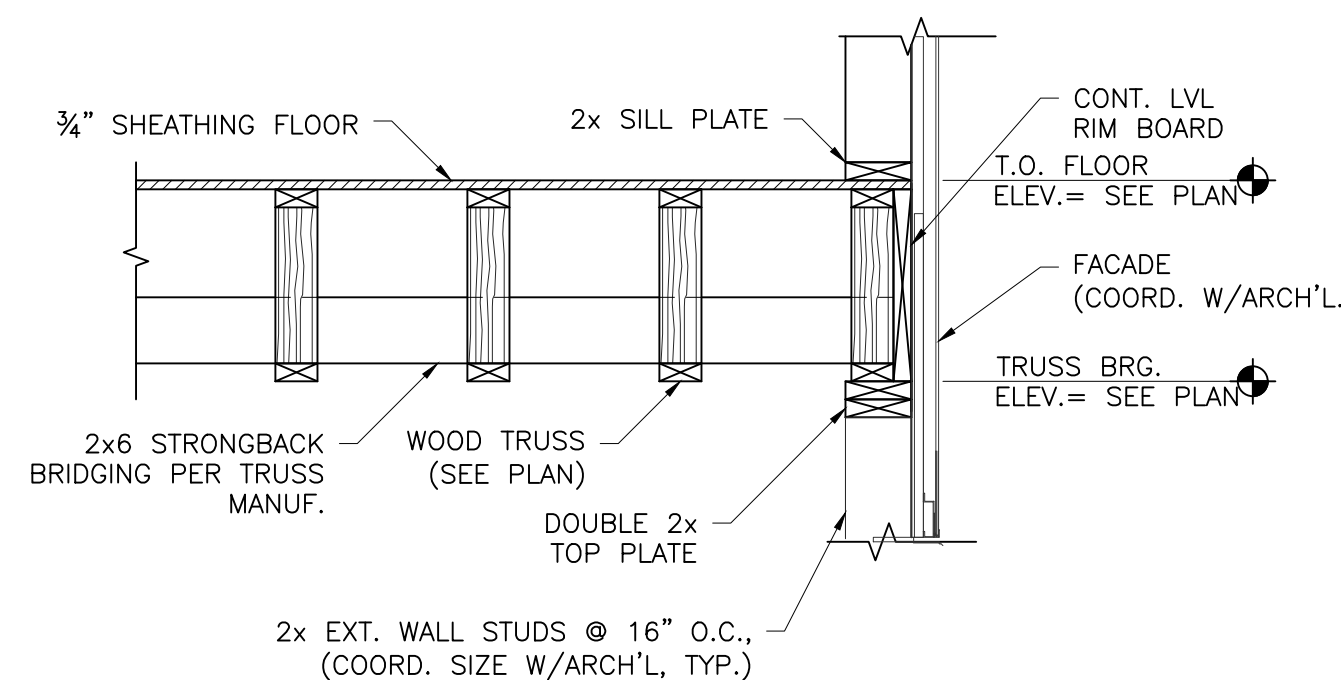
1 TRUSS BRG. @ BEAM

S-3.2 SCALE: N.T.S.



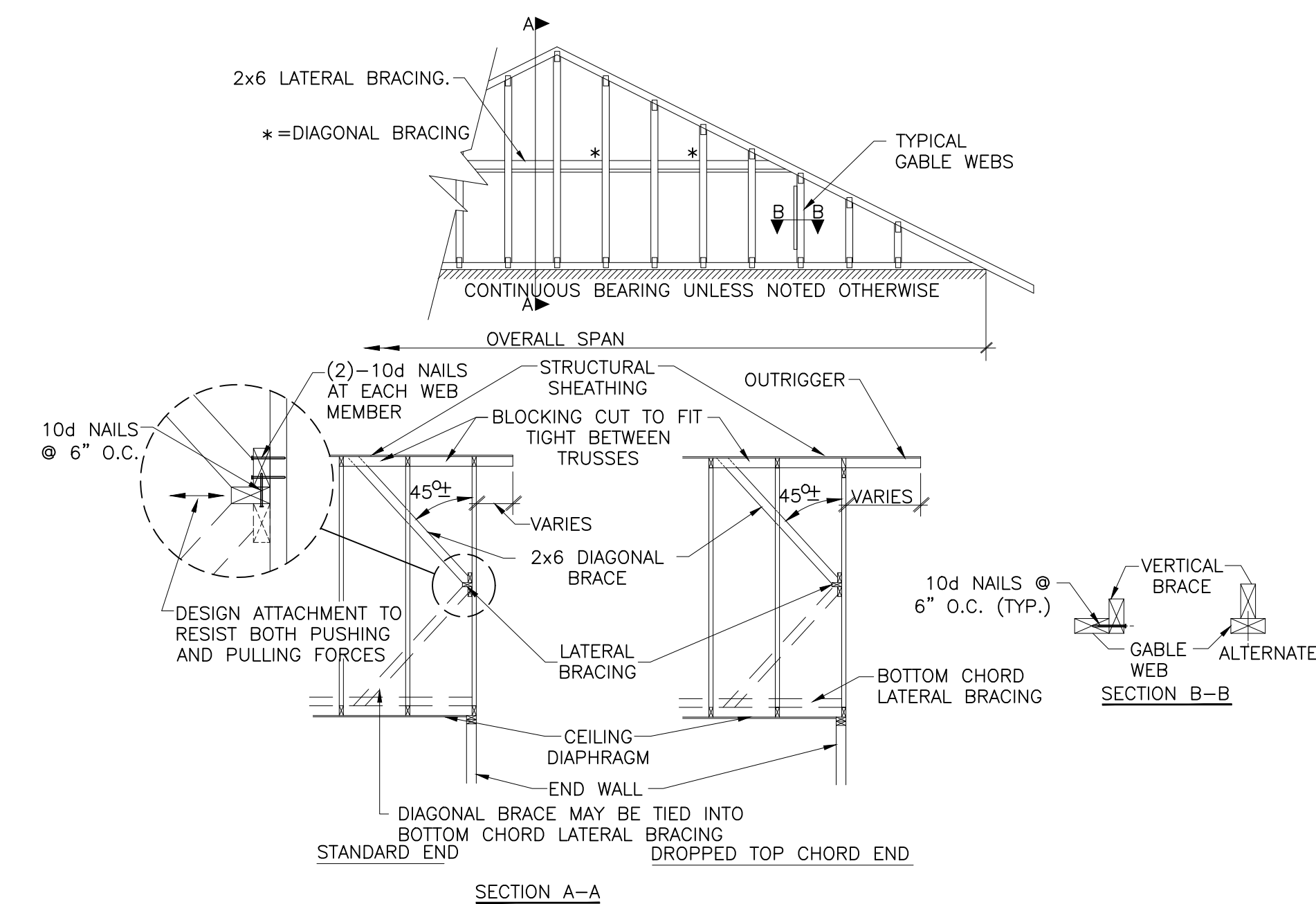
3 TYPICAL TRUSS BRG. DETAIL

S-3.2 SCALE: 3/4" = 1'-0"



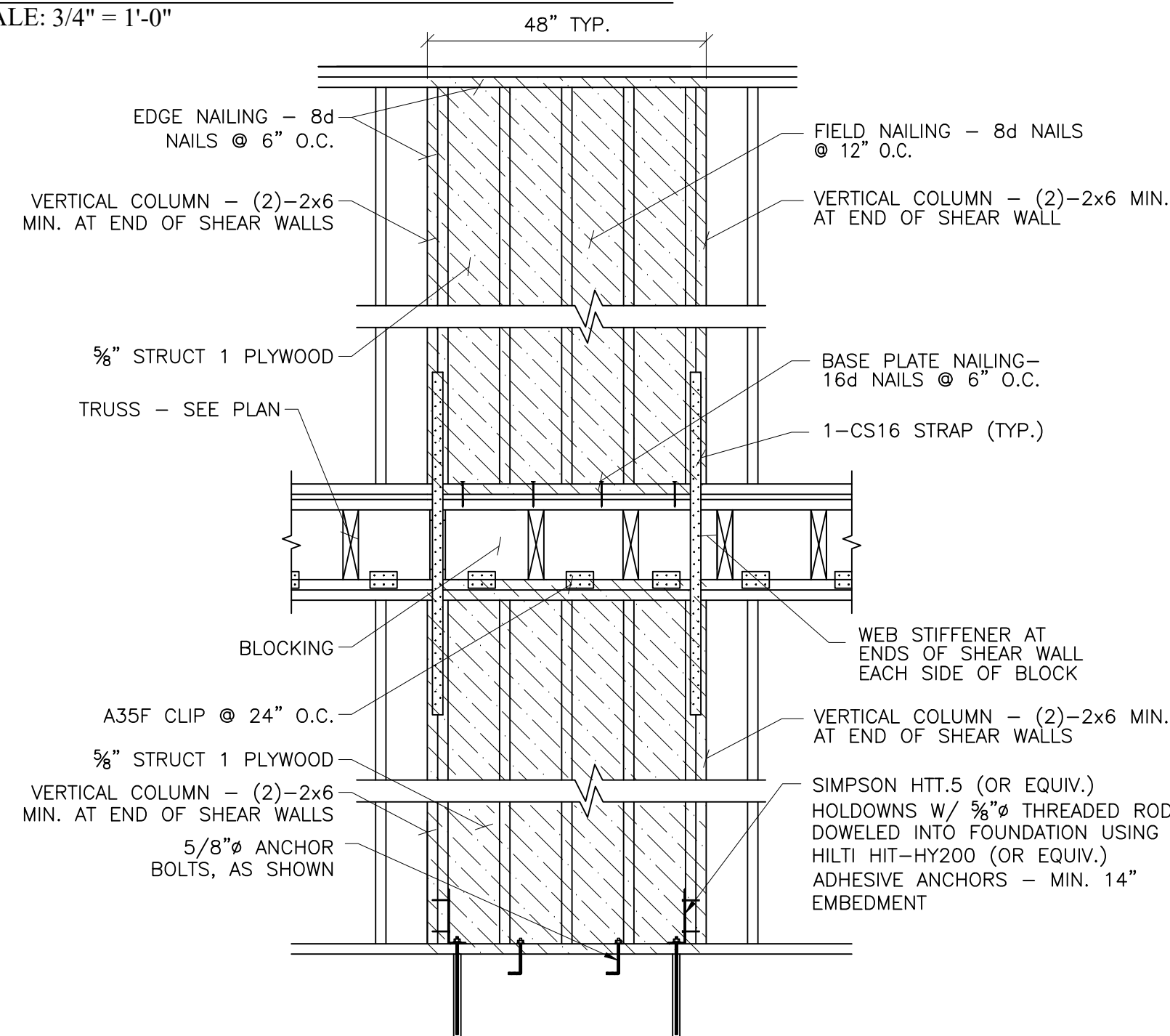
4 TRUSS FRAMING SECTION

S-3.2 SCALE: 3/4" = 1'-0"



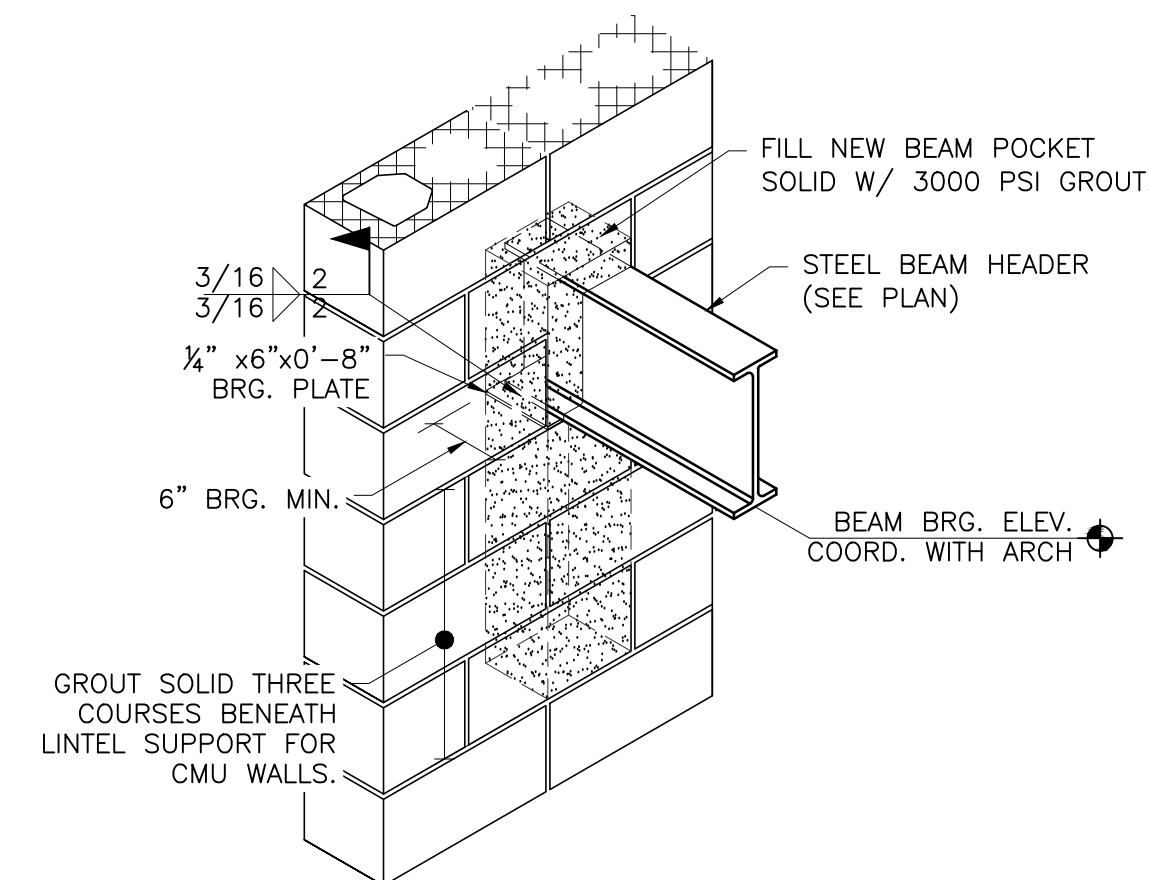
5 GABLE END BRACING DETAIL

S-3.2 SCALE: N.T.S.



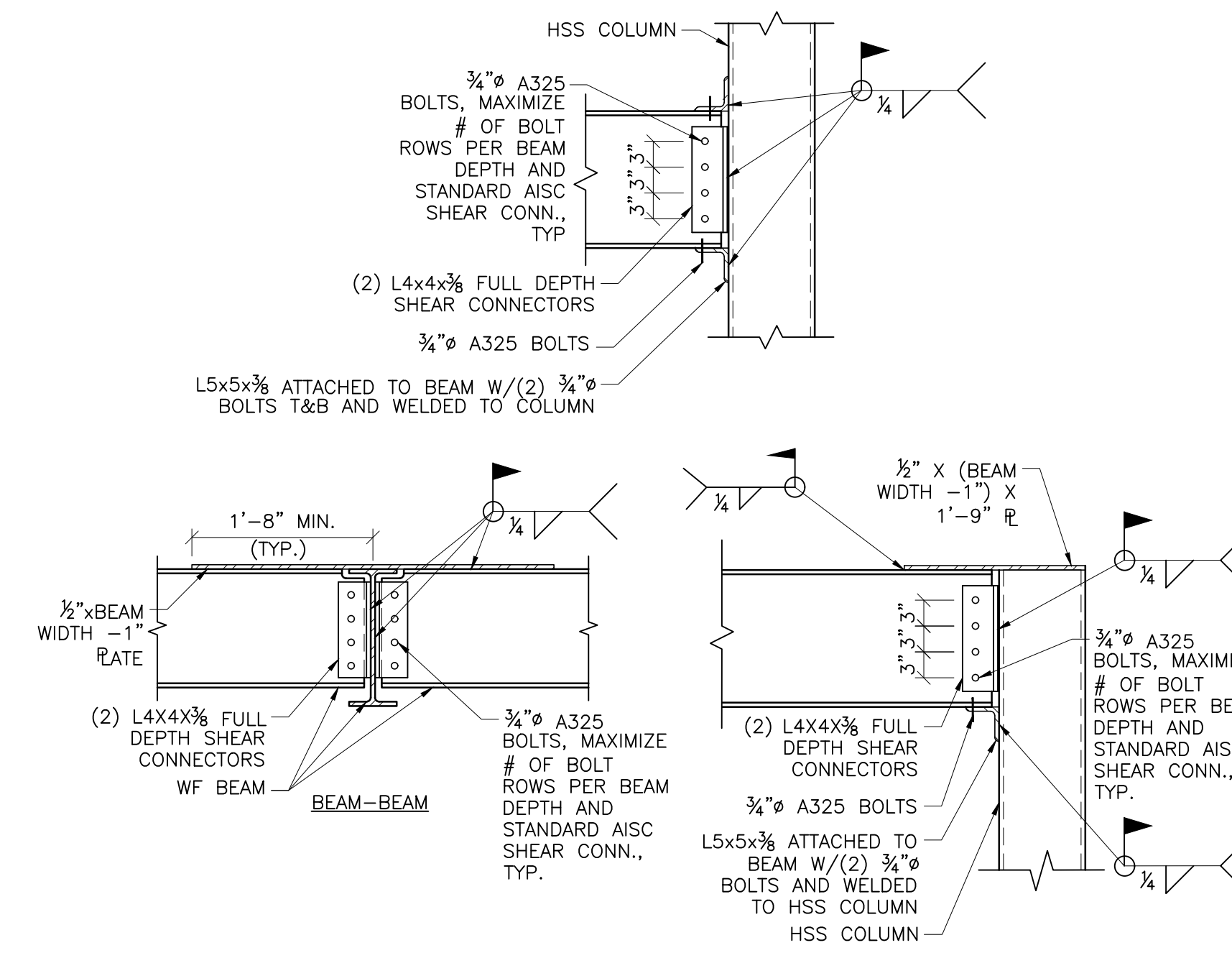
6 SHEAR WALL DETAIL

S-3.2 SCALE: N.T.S.



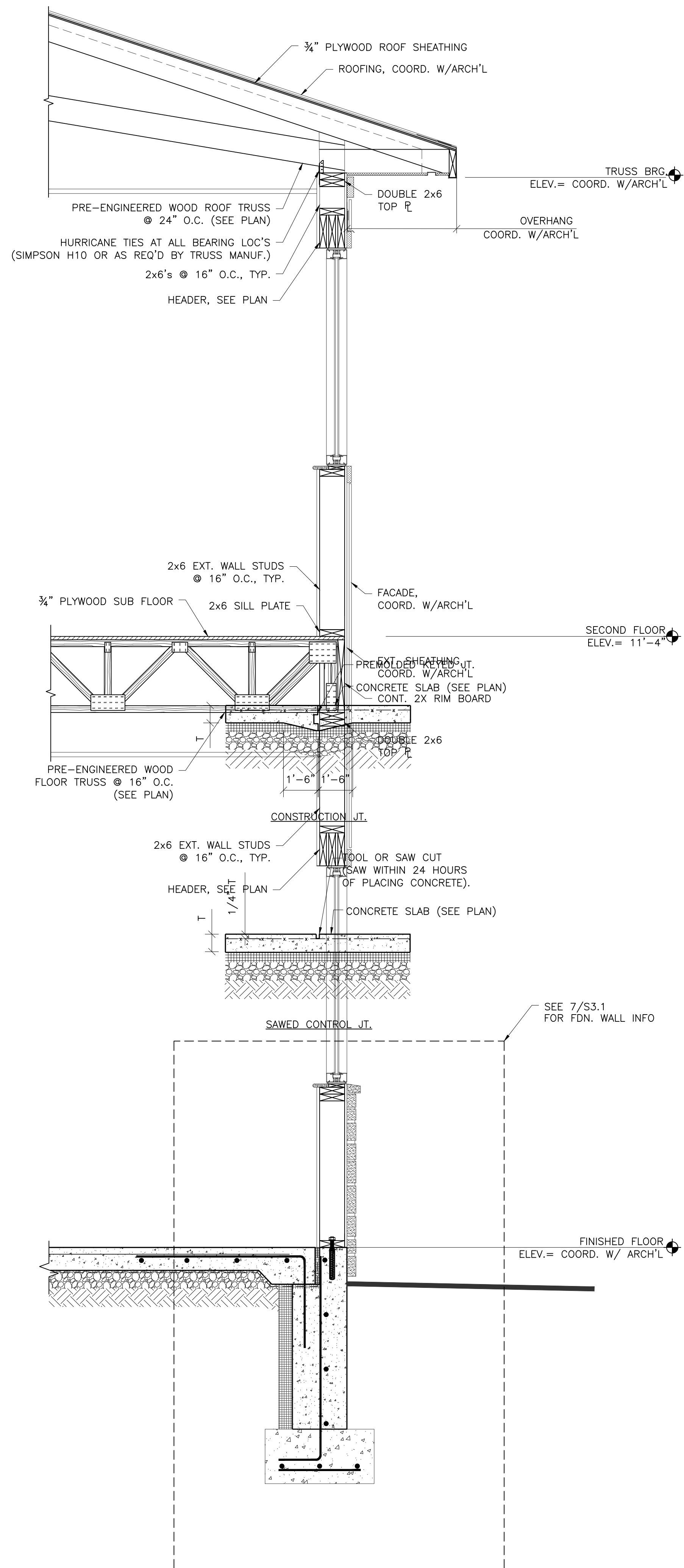
7 BEAM BRG POCKET DETAIL

S-3.2 SCALE: N.T.S.

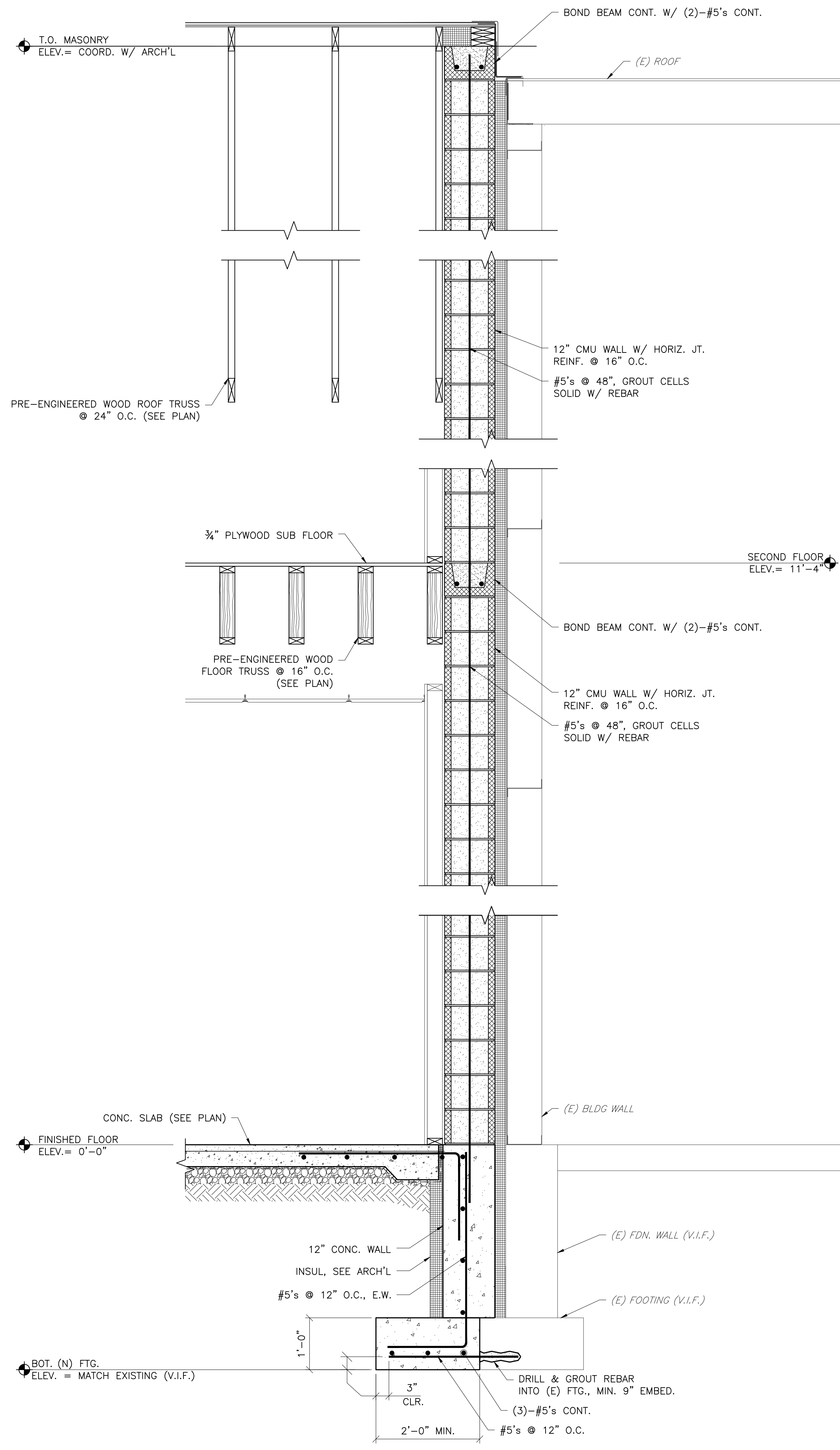


8 MOMENT CONNECTIONS

S-3.2 SCALE: N.T.S.



1 TYP. WALL SECTION  
S-3.3 SCALE: 3/4"=1'-0"



2 SECTION @ CMU FIRE WALL  
S-3.3 SCALE: 3/4"=1'-0"

SALVATORE DIGENOVA  
ENGINEER  
REGISTRATION NO. 42619  
DATE: \_\_\_\_\_ SIGNED

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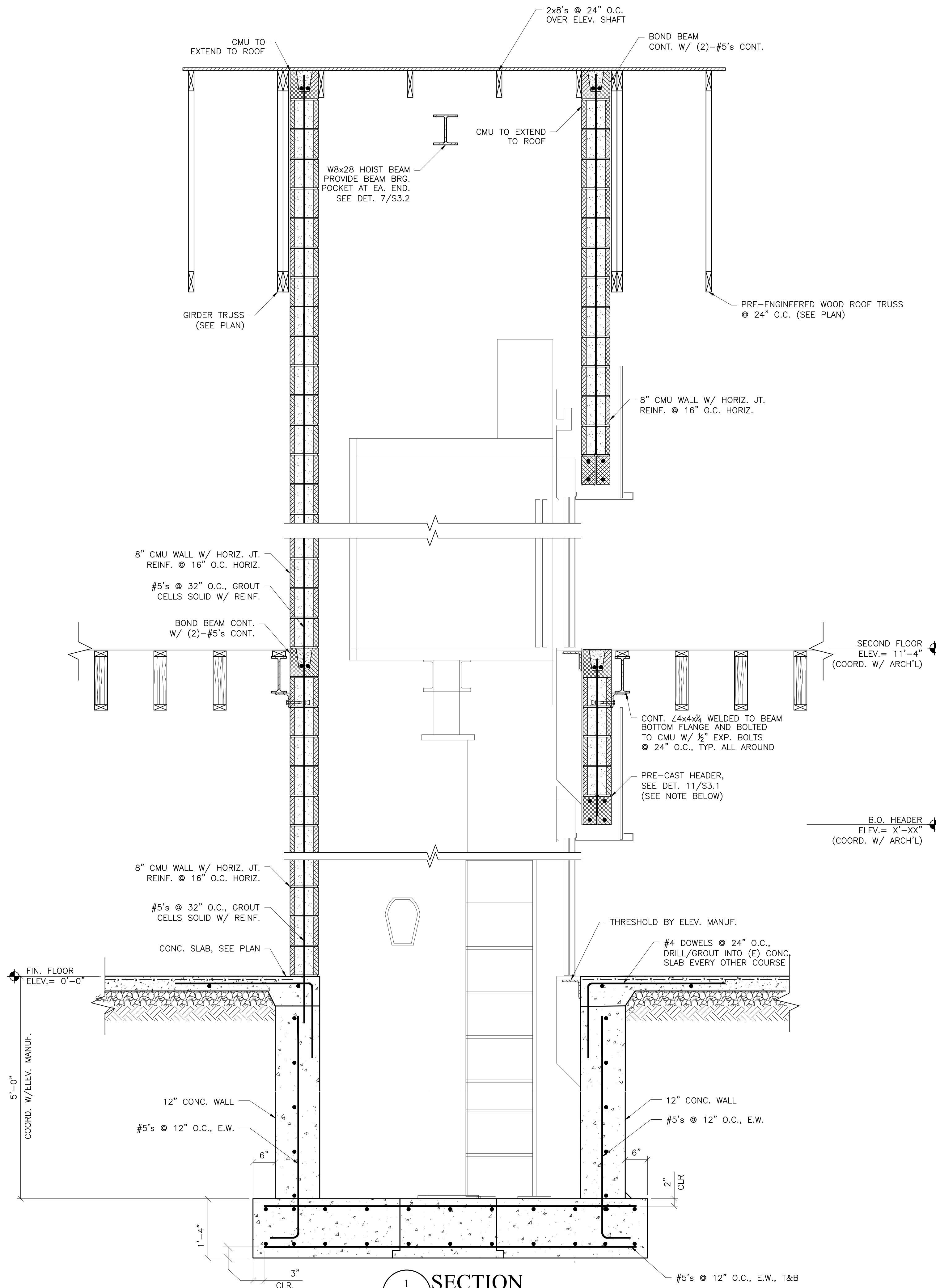
REVISIONS:  
A 11/18/24 PRELIM. PRICING / BID SET

SHEET TITLE:  
**Sections and Details**

DRAWN BY: SLR  
CHECKED BY: SD  
SCALE: AS NOTED  
DATE: 9-03-2024  
PROJECT NUMBER: 2024-058.00

DRAWING NUMBER:

**S-3.3**



**SECTION**  
S-3.4  
SCALE: 3/4"=1'-0"  
NOTE:

1. PROVIDE PRE-CAST HEADER FOR ALL DOORS IN ELEV. SHAFT; COORD. LOC. AND QTY. WITH ARCH'L DWGS.