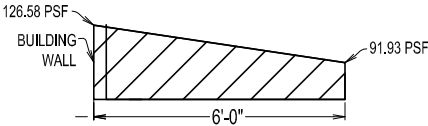


DESIGN NOTES

MAINE UNIFORM BUILDING AND ENERGY CODE "MUBEC":
2021 IBC
2021 IECC
2016 ASCE 7-16
2021 IEBC
OCCUPANCY CATEGORY OF BUILDING FOR WIND, SNOW, AND SEISMIC LOADING: II
WIND: 108 MPH, I=1.0, EXP. C, TOPOGRAPHIC FACTOR=1.0
SNOW BUILDING: 70 PSF GROUND, I=1.0, C_s=1.0, C_e=1.0
SNOW CANOPY: 70 PSF GROUND, I=1.0, C_s=1.2, C_e=1.0
SEISMIC: I=1.0, SOIL SITE CLASS D, S_s=0.234, S₁=0.067, S_{DS}=0.25, S_{D1}=0.107, SDC=B, CV = N/A

SOIL BEARING CAPACITY: 2,000 PSF

SNOW DRIFT LOADING DIAPHRAGM - CANOPY ROOF



GENERAL NOTES:

SEE SHEET G1

SITE WORK:

1) IF LEDGE IS FOUND, A CUT SHALL THEN BE MADE TO PRODUCE A HORIZONTAL PLANE OF SOUND ROCK. THIS PLANE SHALL THEN BE CLEANED OF ANY LOOSE MATERIAL.

REINFORCING STEEL:

1. ALL REINFORCING BAR DETAILING SHALL CONFORM TO THE ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

2. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.

3. SUPPLY WELDED WIRE FABRIC IN FLAT SHEETS CONFORMING TO ASTM A185.

4. WHERE CONTINUOUS BARS ARE CALLED FOR, INDICATED, OR REQUIRED THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS, DOWELED INTO INTERSECTING WALLS, LAPPED AT NECESSARY SPLICES, WITH SPLICES STAGGERED WHEREVER POSSIBLE, AND HOOKED AT DISCONTINUOUS ENDS. LAPS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND BE NO LESS THAN 40 BAR DIAMETERS UNLESS SPECIFIED OTHERWISE.

5. IN ANY BEAMS WHERE CONTINUOUS BARS ARE CALLED FOR AND SPLICES ARE REQUIRED THEY SHALL OCCUR AT MIDSPAN FOR TOP AND MIDDLE BARS AND OVER SUPPORTS FOR BOTTOM BARS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

6. CLEARANCE OF REINFORCING BARS FROM CONCRETE SURFACES SHALL BE AS SPECIFIED ON THE DRAWINGS. WHERE NOT SPECIFIED THE MINIMUM CLEAR COVER SHALL BE:

- 1.5 INCHES FOR WALLS.
- 2.0 INCHES FOR CONCRETE EXPOSED TO SOIL
- 3.0 INCHES FOR CONCRETE CAST AGAINST EARTH

7. THE MAXIMUM ALLOWABLE DEVIATION FROM THE SPECIFIED CLEARANCE SHALL BE 1/4" FOR CONCRETE SHAPES 10" OR LESS IN DEPTH OR WIDTH AND 1/2" FOR CONCRETE SHAPES MORE THAN 10" IN DEPTH OR WIDTH.

8. FOR COLD JOINTS PROVIDE DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL PIER REINFORCING. PROVIDE MINIMUM LAP LENGTH OF 40 BAR DIAMETERS.

9. DO NOT CUT OR DISPLACE ANY REINFORCING STEEL TO ACCOMMODATE THE INSTALLATION OF ANY EMBEDDED ITEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE ENGINEER.

10. USE SLEEVES TO ACCOMMODATE PIPING WHICH MUST PASS THROUGH STRUCTURAL CONCRETE. ALL SLEEVES SHALL BE STEEL, CAST IRON OR PVC PIPE.

CONCRETE:

1) CONCRETE CONSTRUCTION SHALL BE PERFORMED ACCORDING TO ACI 301, ACI 305, ACI 306, ACI 347 AND ACI 308, LATEST EDITIONS.

2) CONCRETE SHALL BE 5%-6% AIR ENTRAINED AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5,000 PSI WITH POLYPROPYLENE FIBERS. CONCRETE SHALL BE TYPE II (MODERATE). 3" IS THE MAXIMUM SLUMP OR 4" FOR SLABS. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF THE BATCH TIME.

3) REINFORCING BARS SHALL CONFORM TO ASTM A615-S1, GRADE 60. PRIOR TO PLACING CONCRETE, ALL REINFORCING STEEL AND BOLTS SHALL BE FREE OF LOOSE RUST AND SCALE OR ANY FOREIGN MATERIAL.

ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF:

- 2" FOR CONCRETE EXPOSED TO WEATHER
- 3" FOR CONCRETE CAST AGAINST THE EARTH

5) LAP SPLICES FOR REINFORCING BARS SHALL BE AT LEAST 36 DIAMETERS.

6) PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITIONS SHOWN ON THE DRAWINGS.

7) ALL EXPOSED EDGES SHALL HAVE A 45 DEGREE, 1" MIN. CHAMFER.

8) FOR CONCRETE CURING USE MEMBRANE CURING COMPOUND & APPLY TWO COATS AT RIGHT ANGLES TO THE FIRST. USE CURING MEMBRANE WHICH CAN BE PAINTED OR ADHERED TO. ONLY WET CURING WILL BE ALLOWED ON THE FLOOR SLAB.

9) WRAP THE ANCHOR BOLT SHAFT WITH KRAFT PAPER TO BREAK THE BOND. THE ANCHOR MUST BE EMBEDDED IN A MONOLITHIC POUR. WET SETTING IS NOT ALLOWED

10) IF COLD WEATHER CURING IS REQUIRED, CONCRETE CYLINDER SHALL BE TAKEN AS PER ACI 318. THE REQUIREMENTS OF COLD WEATHER CURING WILL CONTINUE UNTIL 5,000 PSI IS ACHIEVED. THE 5,000 PSI WILL BE BASED ON THE AVERAGE OF A MINIMUM OF TWO BREAKS.

11) WHEN CASTING AGAINST ANY CONCRETE WALL. THE HORIZONTAL REBARS WILL BE SET INTO THE EXISTING WALL WITH HILTI HIT MAX HY150.

12) BACKFILL BASEMENTS ONLY AFTER FIRST FLOOR SYSTEM IS COMPLETE AND THE CONCRETE HAS CURED FOR SEVEN DAYS.

13) FOUNDATION DRAWINGS DO NOT SHOW ALL REQUIRED INSERTS FOR PLUMBING, ELECTRICAL, ETC. VERIFY ALL CAST IN PLACE REQUIREMENTS BEFORE PLACING CONCRETE.

METAL:

1) STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC "2016 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN & PLASTIC DESIGN."

2) STRUCTURAL STEEL WIDE FLANGE SHAPES AND CHANNELS SHALL BE ASTM A992 GR. 50 UNLESS NOTED OTHERWISE. ANGLES & PLATES A572 GR. 50 STEEL UNLESS NOTED OTHERWISE. HSS SHAPES SHALL BE A500 GRADE C UNLESS NOTED OTHERWISE (UNO).

3) ALL WELDS SHALL CONFORM TO THE LATEST AWS D1.1 STRUCTURAL WELDING CODE AND SHALL BE AWS A5.1 OR A5.5 E70XX ELECTRODES.

4) ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATIONS TESTS WITHIN ONE YEAR.

5) CONNECTIONS ARE NOT DESIGNED TO FULL SHEAR CAPACITY OF THE BEAMS.

6) BOLTED CONNECTIONS SHALL BE 3/4"Ø ASTM A490X BOLT WITH HEAVY HEX NUT (A563) AND WASHER (F436) UNLESS OTHERWISE NOTED.

INSULATED CONCRETE FORM CAST-IN-PLACE CONCRETE WALLS:

1. CONCRETE WORK SHALL COMPLY WITH THE LATEST EDITION OF ACI 301, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE IN BUILDINGS", AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

2. NUDURA BRAND INSULATED CONCRETE FORMS ARE TO BE USED. FOLLOW ALL MANUFACTURER RECOMMENDATIONS UNLESS THEY CONFLICT WITH THE CONCRETE SPECIFICATIONS NOTED IN (1) ABOVE OR ANY PART OF THESE DRAWINGS. OTHER ICF BRANDS ARE ACCEPTIBLE HOWEVER STRAPPING MAY BE REQUIRED FOR SIDING INSTALLATION.

3. NORMAL WEIGHT CONCRETE FOR FOUNDATION WALLS AND FOOTINGS SHALL ATTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI, UNLESS OTHERWISE NOTED. 3" MAXIMUM SLUMP & 4" FOR SLAB. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF THIS BATCH TIME.

4. PROVIDE SIX PERCENT (PLUS/MINUS) AIR ENTRAINMENT IN ALL CONCRETE EXPOSED TO EARTH OR WEATHER.

5. SUBMIT TO THE ENGINEER FOR APPROVAL PROPOSED LOCATION OF CONSTRUCTION JOINTS IN WALLS AND SLABS PROPERLY COORDINATED WITH THE REINFORCING STEEL SHOP DRAWINGS.

6. LOCATION OF EXPANSION JOINTS ARE MANDATORY AS SHOWN.

7. INTENTIONALLY ROUGHEN THE COLD-JOINT SURFACE BETWEEN WALL POURS. ALLOW 48 HOURS TO ELAPSE BETWEEN POURS.

8. ALL INSULATED CONCRETE FORMS ARE TO REMAIN. AVOID DAMAGING THE FORMS DURING PLACEMENT OF CONCRETE.

9. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF CONCRETE UNLESS OTHERWISE NOTED.

10. USE HIGH FREQUENCY VIBRATION TO PLACE ALL CONCRETE.

11. NOTIFY THE STRUCTURAL ENGINEER AT LEAST 48 HOURS IN ADVANCE OF PLACING CONCRETE FOR INSPECTION OF THE REINFORCING STEEL. DO NOT CAST CONCRETE UNTIL THE INSPECTION HAS BEEN MADE OR WAIVED.

12. ALL HORIZONTAL AND VERTICAL REBARS SHALL EXTEND ACROSS ANY INTERSECTING COLD JOINTS. EXTEND THE BAR OUT FROM ONE POURED FACE THE SPECIFIED LAP SPLICE LENGTH PER THE REINFORCEMENT DRAWINGS OR PER NOTES BELOW.

13. REBAR LAP SPLICE LENGTHS SHALL BE A MINIMUM OF AS FOLLOWS:

BAR SIZE	MINIMUM LAP SPLICE LENGTH
#4	29 INCHES
#5	47 INCHES
#6	56 INCHES

IF A LENGTH IS SPECIFIED ON THE REINFORCEMENT DRAWINGS THAT LENGTH SHALL SUPERSEDE THE LENGTHS GIVEN HERE. IF THIS LENGTH CANNOT BE PROVIDED THEN SPLICES VIA MECHANICAL OR OTHER METHODS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

14. ALL REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED IN THE FORMS TO PREVENT DISPLACEMENT BY CONCRETE PLACEMENT, WORKERS, OR OTHER LOADS. ICF WEB BAR SUPPORTS SHALL BE SUFFICIENT FOR HORIZONTAL BARS BUT VERTICAL BARS WILL NEED TO BE TIED OR OTHERWISE SUPPORTED TO PREVENT LATERAL DISPLACEMENT.

15. THE USE OF SCREEN BARS ARE MANDATORY FOR FLOORS SLOPING TO FLOOR DRAINS.

16. PROVIDE CONCRETE COMPRESSIVE TESTING FOR EVERY 100 CY OR LESS DAILY. THE TEST SETS ARE 2 @ 7 & 28 DAYS

PAINTING: (FOR STAIRWELL STEEL ONLY)

1) PAINT WARRANTY WILL BE PROVIDED BY THE PAINT APPLICATOR AND THE MANUFACTURE. THE WARRANTY IS FOR FIVE YEARS. A FAILURE IS GREATER THAN 0% THE 1ST YEAR AND 1%/YEAR AS DEFINED BY ASTM D610-88.

2) ALL NEW STEEL SHALL HAVE THE FOLLOWING PAINT SYSTEM APPLIED BEFORE IT IS INSTALLED:

FOR NEW STEEL COMMERCIAL BLAST CLEAN (SSPCSP6) THE STEEL TO A MIL PROFILE OF 2.5 TO 3.5 PRIOR TO PRIME COAT APPLICATION.

3) PROVIDE SHOP PAINT SYSTEM:
EPOXY PRIMER 3MILS(DFT) IN STANDARD COLOR.
SECOND COAT 3MILS(DFT) IN BLUE COLOR TO MATCH SIDING.

4) TOUCH-UP PAINT IN FIELD AS NEEDED TO MATCH SHOP PAINT.

WOOD:

1) UNLESS NOTED OTHERWISE (UNO) FRAMING MEMBER SHALL BE STAMP GRADED DIMENSIONAL LUMBER SPFs (SPRUCE-PINE-FIR SOUTH) OR STRONGER. THE WOOD SHALL BE #1 OR #2 GRADE WITH THE STRENGTHS AS INDICATED IN THE DESIGN NOTES.

2) PRESSURE TREATED LUMBER SHALL BE NO. 2 SOUTHERN PINE TREATED WITH SODIUM BORATE (SBX). ALL LABELS ON WOOD SHALL NOT BE REMOVED. OTHER TYPES OF PT WOOD SHALL NOT BE USED. ONLY STAINLESS STEEL CONNECTORS OR NAILS SHALL BE USED FOR FOR PT WOOD.

3) ALL OSB SHALL BE PS2 APPROVED OR APA RATED.

4) ALL PLYWOOD OR OSB USED ON THE WALLS SHALL HAVE A SUPPORT ON ALL EDGES. ALL EDGES SHALL BE CAULKED DURING INSTALLATION.

5) THE WOOD SHALL HAVE A MOISTURE CONTENT OF LESS THAN 19%.

6) IF NOT INDICATED ON DRAWINGS, NAIL WOOD PER THE 2021 INTERNATIONAL BUILDING CODE'S NAILING SCHEDULE ON TABLE 2304.10.2. IF NAILS ARE OVERDRIVEN, ADD ONE ADDITIONAL NAIL FOR TWO NAILS OVERDRIVEN.

7) NAILS. ALL NAILS SPECIFIED ON DRAWING UNLESS NOTED OTHERWISE ARE COMMON NAILS. NAILS SHALL MEET ASTM F 1667 STANDARD
16d: 3.5" x 0.162"
10d: 3.0" x 0.148"
8d : 2.5" x 0.131"
6d : 2.0" x 0.113"

8) INSTALL WOOD WITH WOOD GRADING MARKS NOT SHOWING FOR FINAL FINISHES.

9) PROVIDE VISUALLY GRADED DIMENSIONAL LUMBER OF SPECIES SPRUCE-PINE-FIR (S), SOUTHERN PINE (SP) OR OR STRONGER. BEAMS SHALL BE A GRADE OF #2 OR BETTER. EXTERIOR/ LOAD BEARING STUDS SHALL BE A GRADE OF NO. 2 OR BETTER. BASE DESIGN VALUES SHALL BE A MINIMUM OF:

	NO. 2 SPF(S) (PSI)	NO. 2 SP	PWLVL 2.1E	VERSA-LAM/STUD 1.8E
Fb	775	1,100	3,100	2,650
Ft	350	675	-	1,650
Fv	135	175	285	285
Fc _⊥	335	565	850	750
Fc	1,000	1,450	-	3,000
E	1,100,000	1,400,000	2,100,000	1,800,000

CONSTRUCTION INSPECTIONS

1. CALL FORESIGHT ENGINEERING 48 HOURS IN ADVANCE FOR THE FOLLOWING INSPECTIONS:
-BEFORE ALL CONCRETE POURS
-AFTER NAILING/BEFORE COVERING ROOF SHEATHING
2. RECOMMENDED INSPECTION DURING INITIAL PLACEMENT OF WALL REBAR.

NOTE: ALL DIMENSIONS ARE TO BE FIELD
VERIFIED PRIOR TO CONSTRUCTION

ST. CROIX REGIONAL FAMILY HEALTH CENTER STRUCTURAL RENOVATIONS

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THIS INDEX INDICATES ALL THE DRAWINGS IN THIS SET ARE COVERED BY THE P.E. STAMP. DISTRIBUTE COMPLETE DRAWINGS SETS ONLY.

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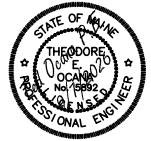
CONTINUE NEXT SHEET

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GENERAL NOTES & INDEX

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S1

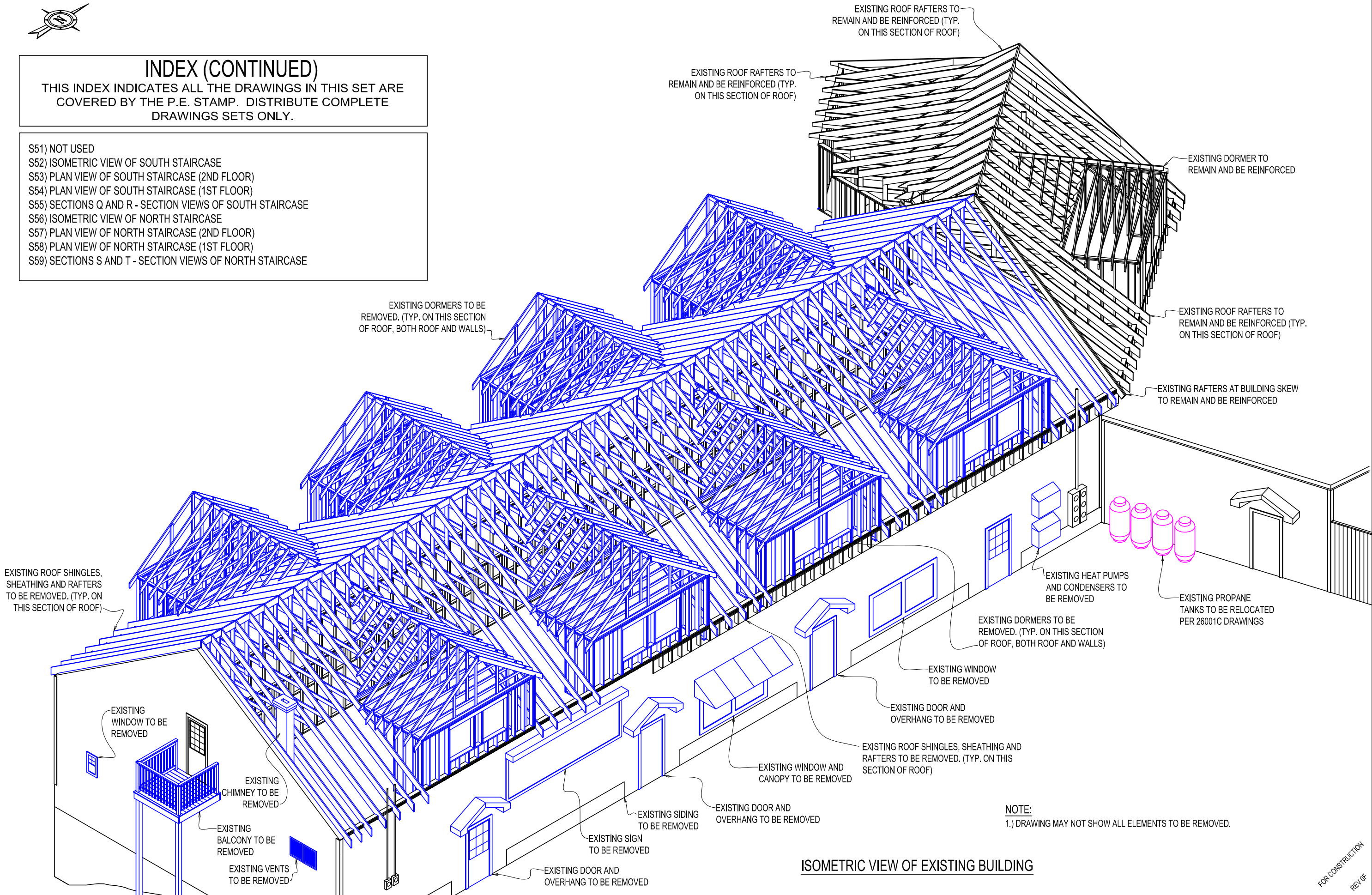
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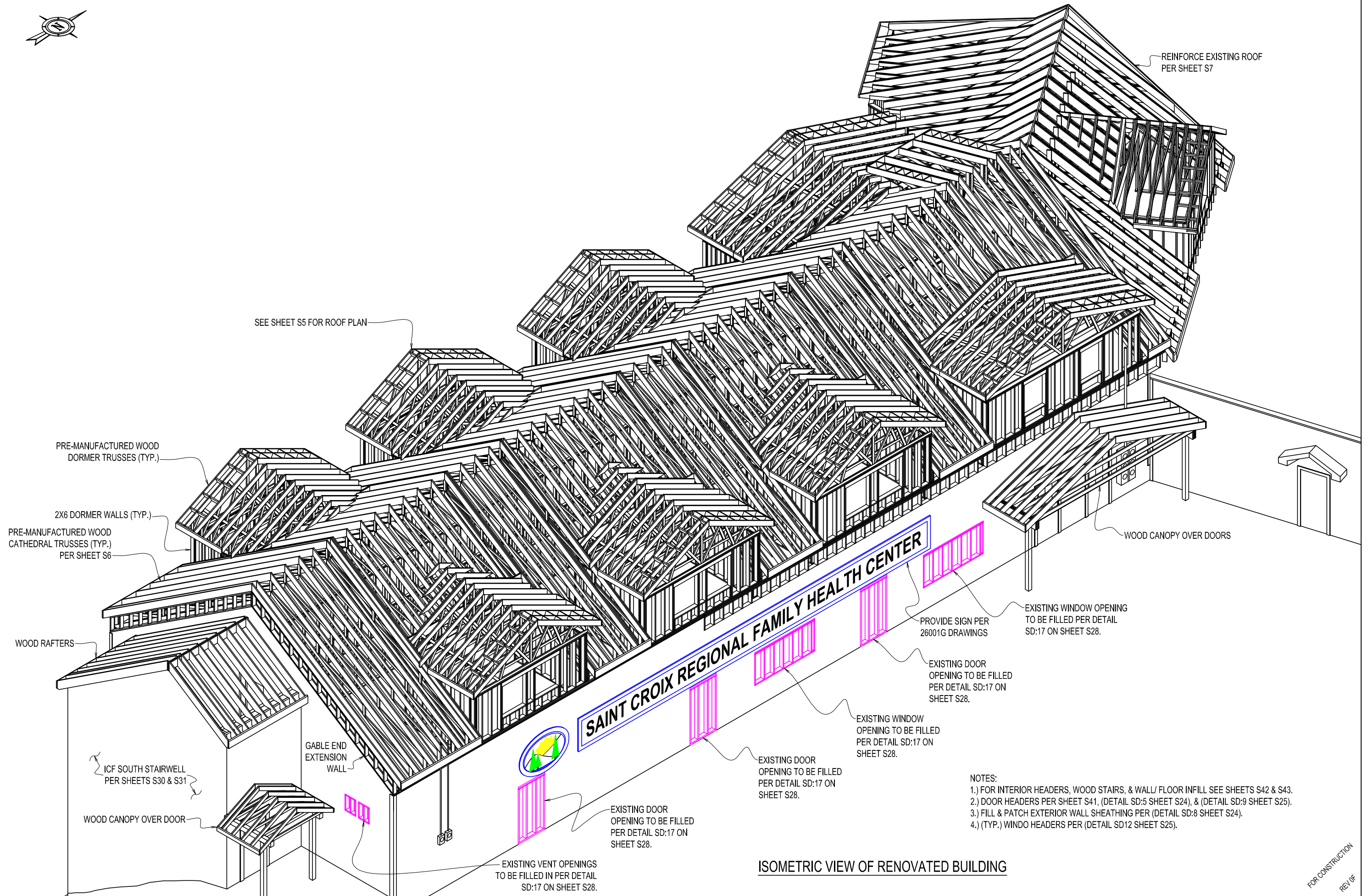


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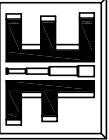
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ISOMETRIC VIEW OF RENOVATED BUILDING

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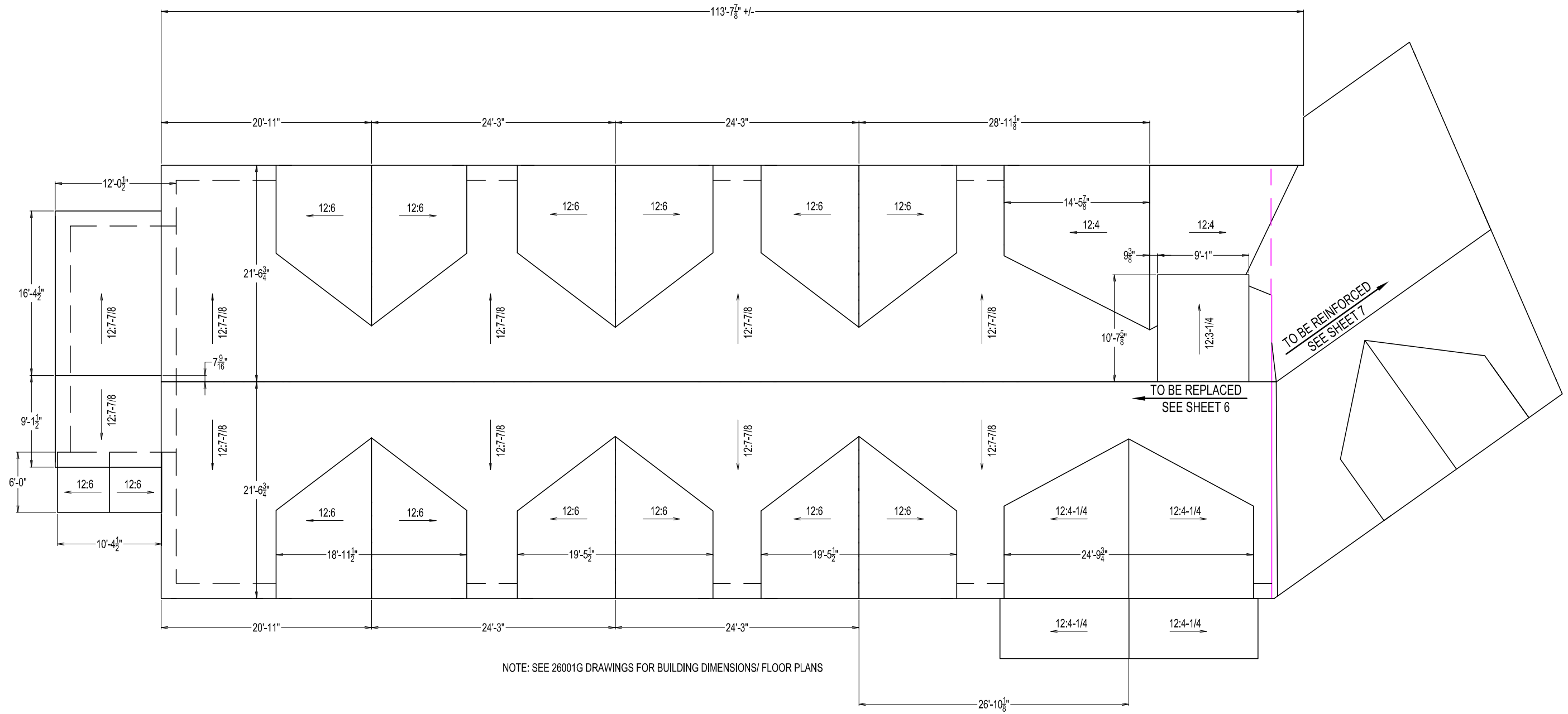
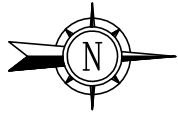
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S3

FOR CONSTRUCTION
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- NOTES:
- 1.) FOR INTERIOR HEADERS, WOOD STAIRS, & WALL/ FLOOR INFILL SEE SHEETS S42 & S43.
 - 2.) DOOR HEADERS PER SHEET S41, (DETAIL SD:5 SHEET S24), & (DETAIL SD:9 SHEET S25).
 - 3.) FILL & PATCH EXTERIOR WALL SHEATHING PER (DETAIL SD:8 SHEET S24).
 - 4.) (TYP.) WINDO HEADERS PER (DETAIL SD12 SHEET S25).

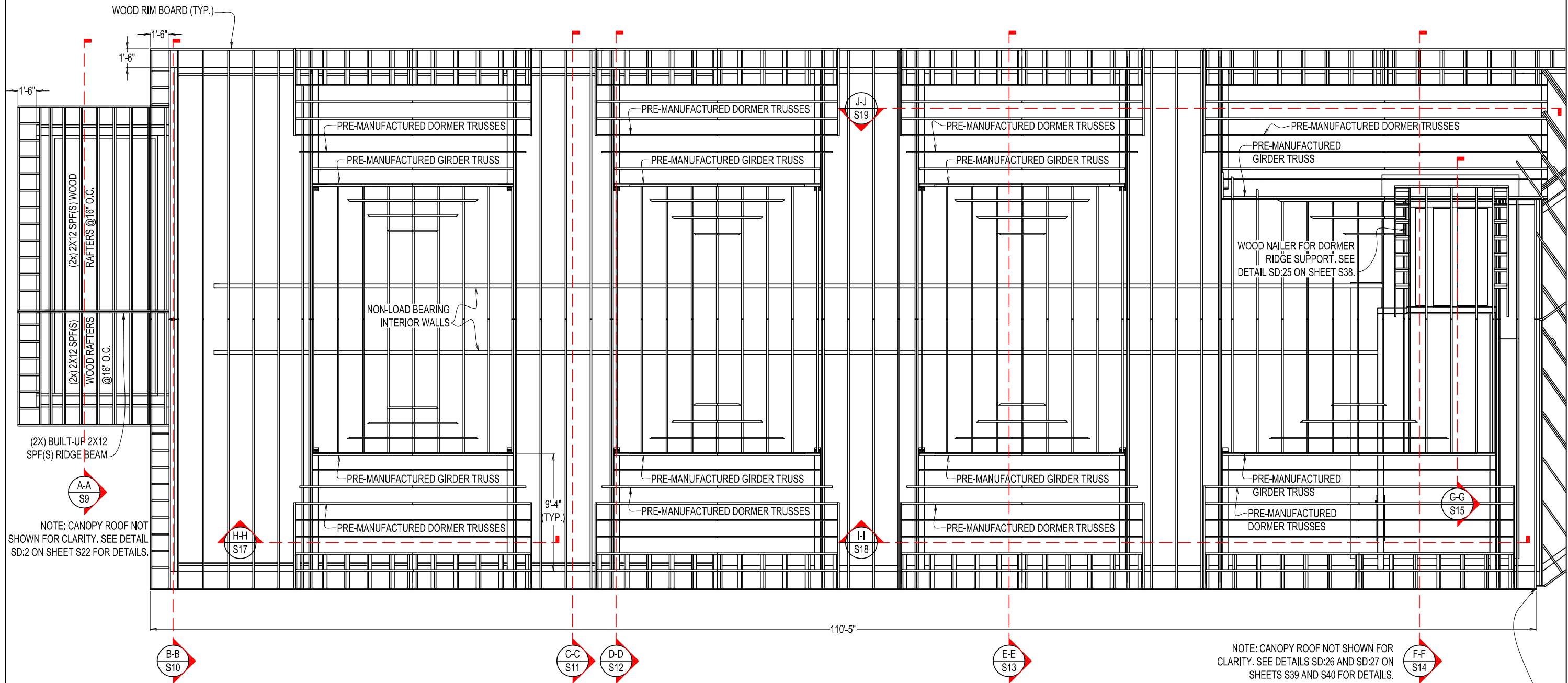
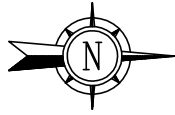
ISOMETRIC VIEW OF RENOVATED BUILDING



NOTE: SEE 26001G DRAWINGS FOR BUILDING DIMENSIONS/ FLOOR PLANS

PLAN VIEW OF ROOF SLOPES
SCALE: 3/32 IN. = 1 FT.

FOR CONSTRUCTION
REV OF



PLAN VIEW OF ROOF FRAMING (SOUTH END)
SCALE: 1/8 IN. = 1 FT.

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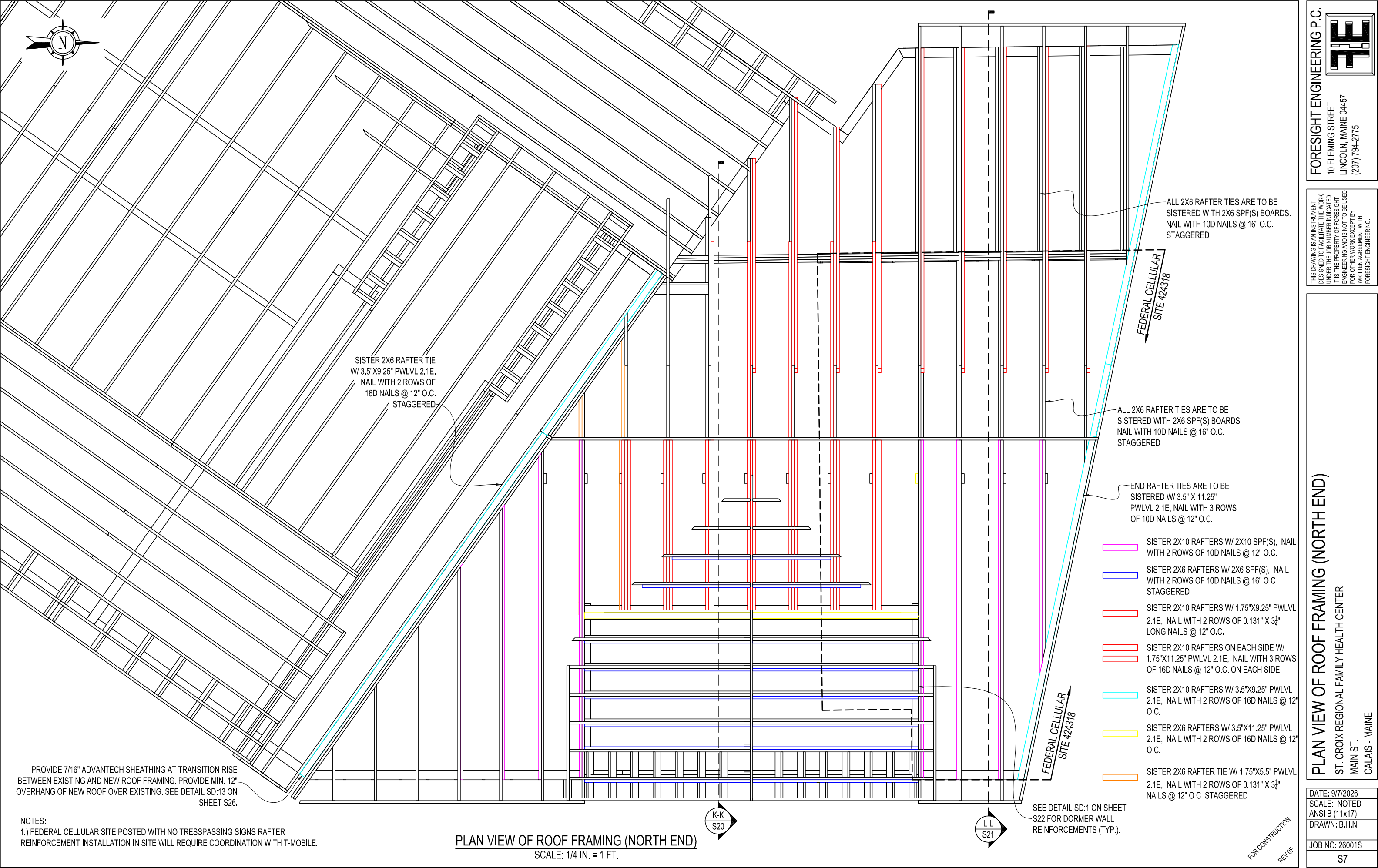
PLAN VIEW OF ROOF FRAMING (SOUTH END)

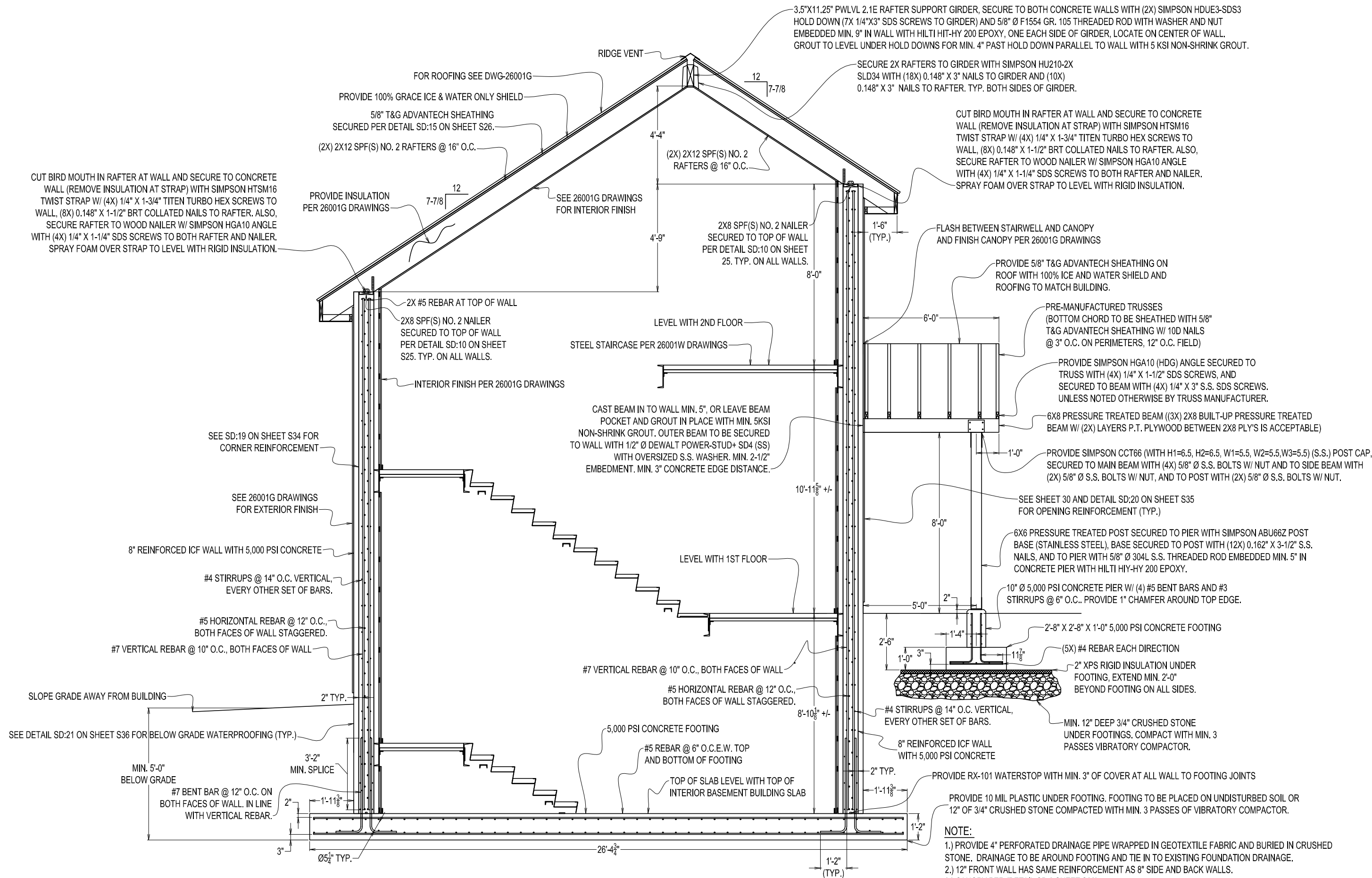
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S6

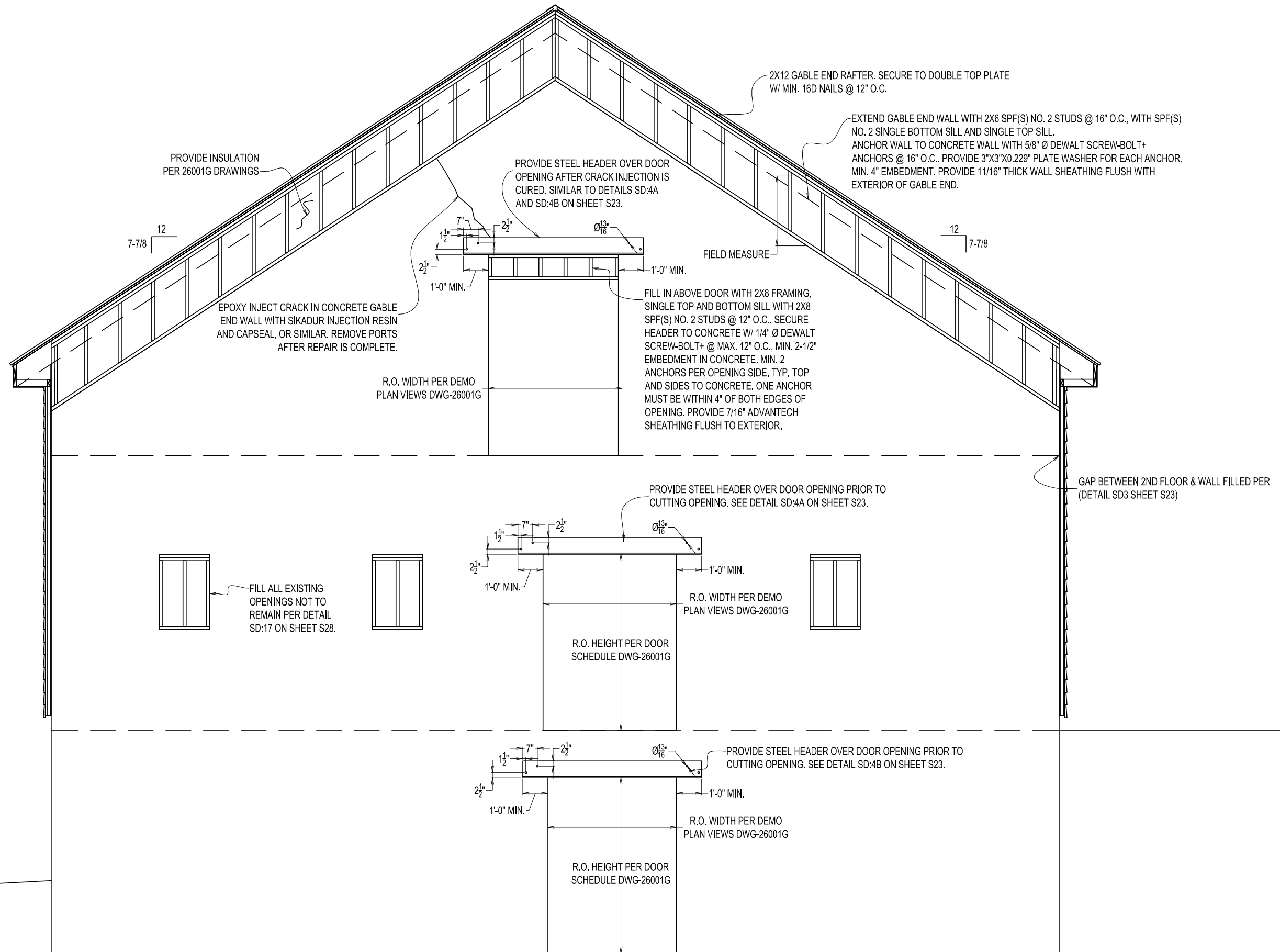
FOR CONSTRUCTION
REV OF





SECTION A - ELEVATION VIEW OF SOUTH STAIRWELL
SCALE: 1/4 IN. = 1 FT.

- NOTE:
- 1.) PROVIDE 4" PERFORATED DRAINAGE PIPE WRAPPED IN GEOTEXTILE FABRIC AND BURIED IN CRUSHED STONE. DRAINAGE TO BE AROUND FOOTING AND TIE IN TO EXISTING FOUNDATION DRAINAGE.
 - 2.) 12" FRONT WALL HAS SAME REINFORCEMENT AS 8" SIDE AND BACK WALLS.
 - 3.) CANOPY PER (DETAIL SD:2 SHEET S22).
 - 4.) ICF WALLS PARALLEL WITH EXISTING BUILDING SOUTH WALL TO BE CONTINUOUS FROM T.O. FOOTING TO B.O. 2X6 OUTLOOKER.



SECTION B - ELEVATION VIEW OF SOUTH GABLE END
SCALE: 1/4 IN. = 1 FT.

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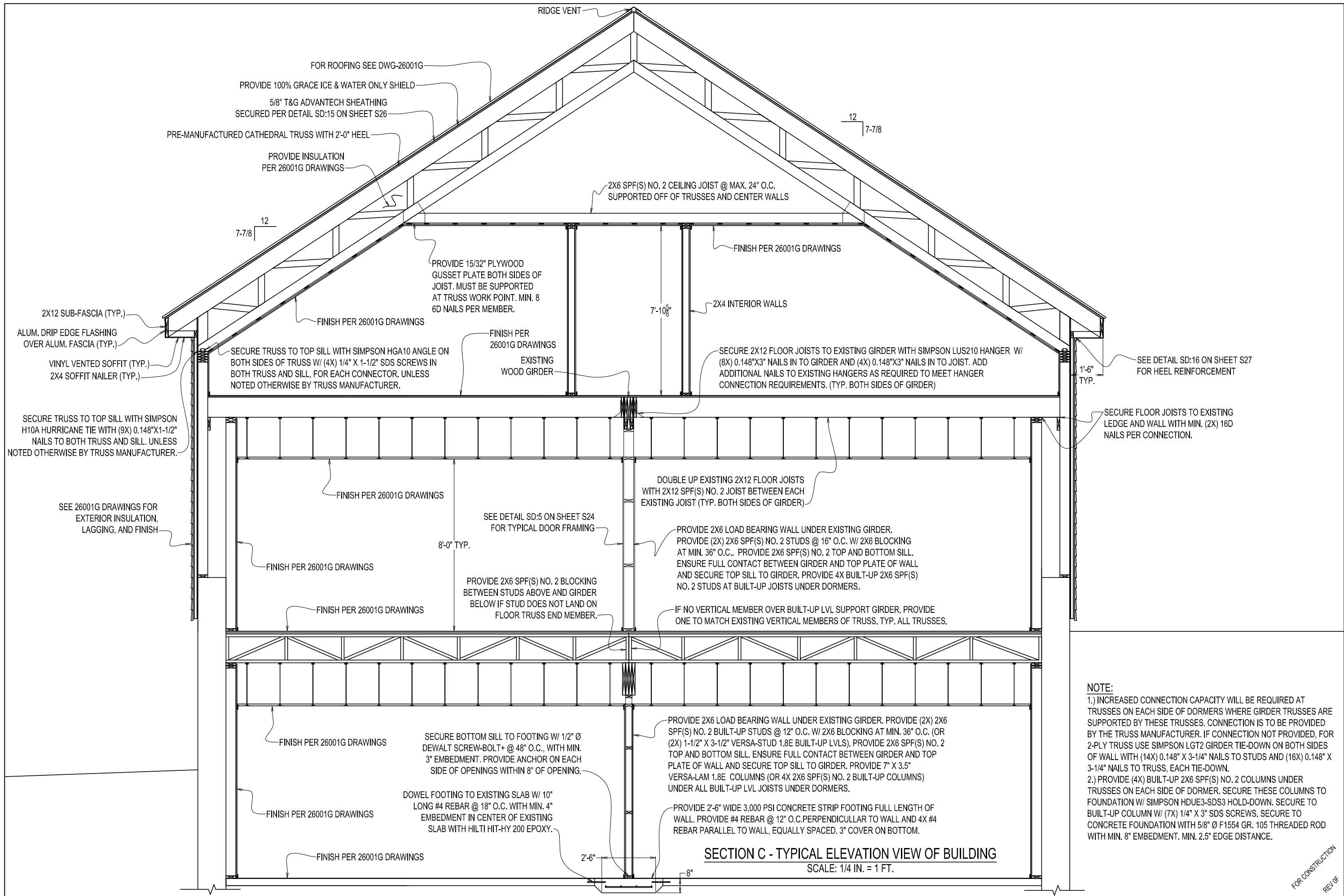
SECTION B - ELEVATION VIEW OF SOUTH GABLE END

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S10

FOR CONSTRUCTION
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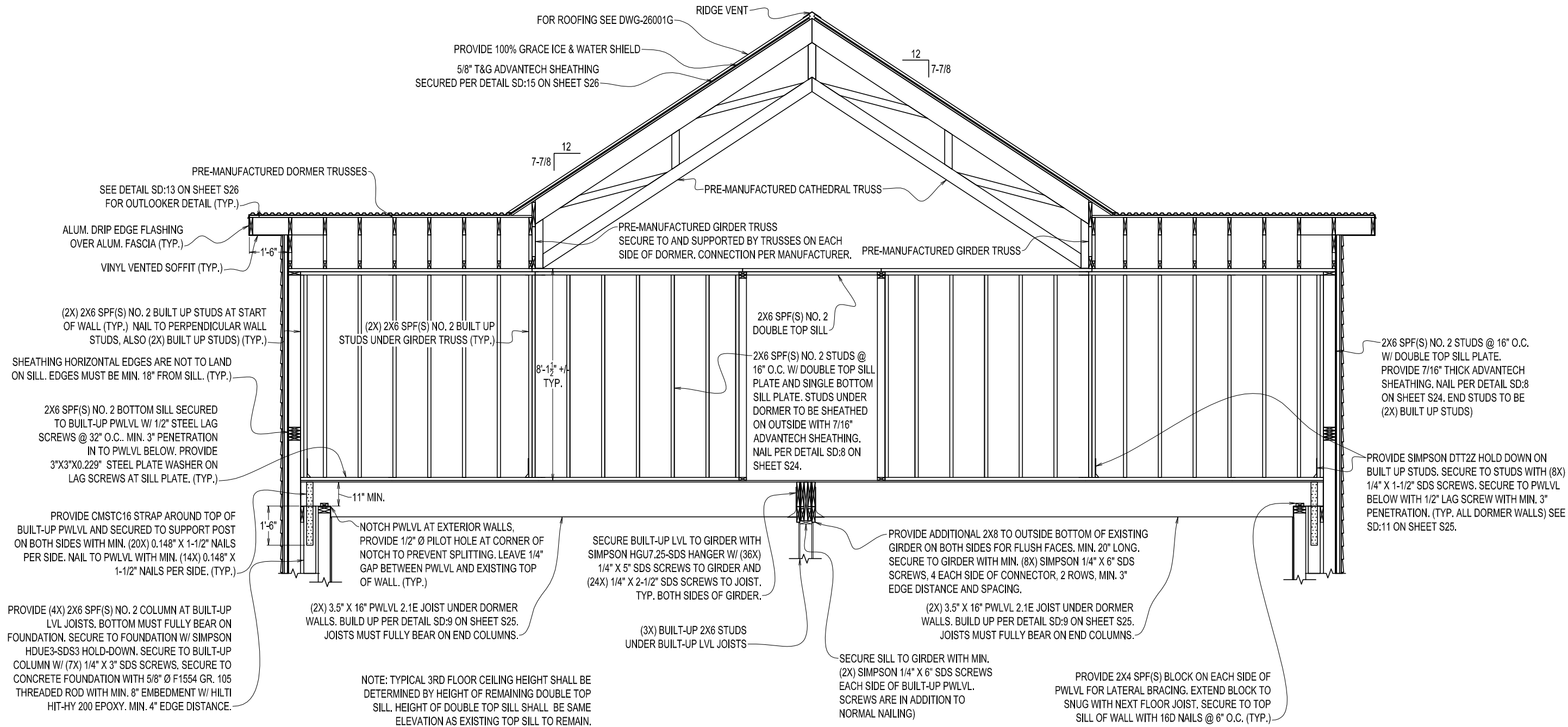


SECTION C - TYPICAL ELEVATION VIEW OF BUILDING
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S11

NOTE:
1.) INCREASED CONNECTION CAPACITY WILL BE REQUIRED AT TRUSSES ON EACH SIDE OF DORMERS WHERE GIRDER TRUSSES ARE SUPPORTED BY THESE TRUSSES. CONNECTION IS TO BE PROVIDED BY THE TRUSS MANUFACTURER. IF CONNECTION NOT PROVIDED, FOR 2-PLY TRUSS USE SIMPSON LGT2 GIRDER TIE-DOWN ON BOTH SIDES OF WALL WITH (14X) 0.148" X 3-1/4" NAILS TO STUDS AND (16X) 0.148" X 3-1/4" NAILS TO TRUSS, EACH TIE-DOWN.
2.) PROVIDE (4X) BUILT-UP 2X6 SPF(S) NO. 2 COLUMNS UNDER TRUSSES ON EACH SIDE OF DORMER. SECURE THESE COLUMNS TO FOUNDATION W/ SIMPSON HDUE3-SDS3 HOLD-DOWN. SECURE TO BUILT-UP COLUMN W/ (7X) 1/4" X 3" SDS SCREWS. SECURE TO CONCRETE FOUNDATION WITH 5/8" Ø F1554 GR. 105 THREADED ROD WITH MIN. 8" EMBEDMENT. MIN. 2.5" EDGE DISTANCE.

FOR CONSTRUCTION
REV 01

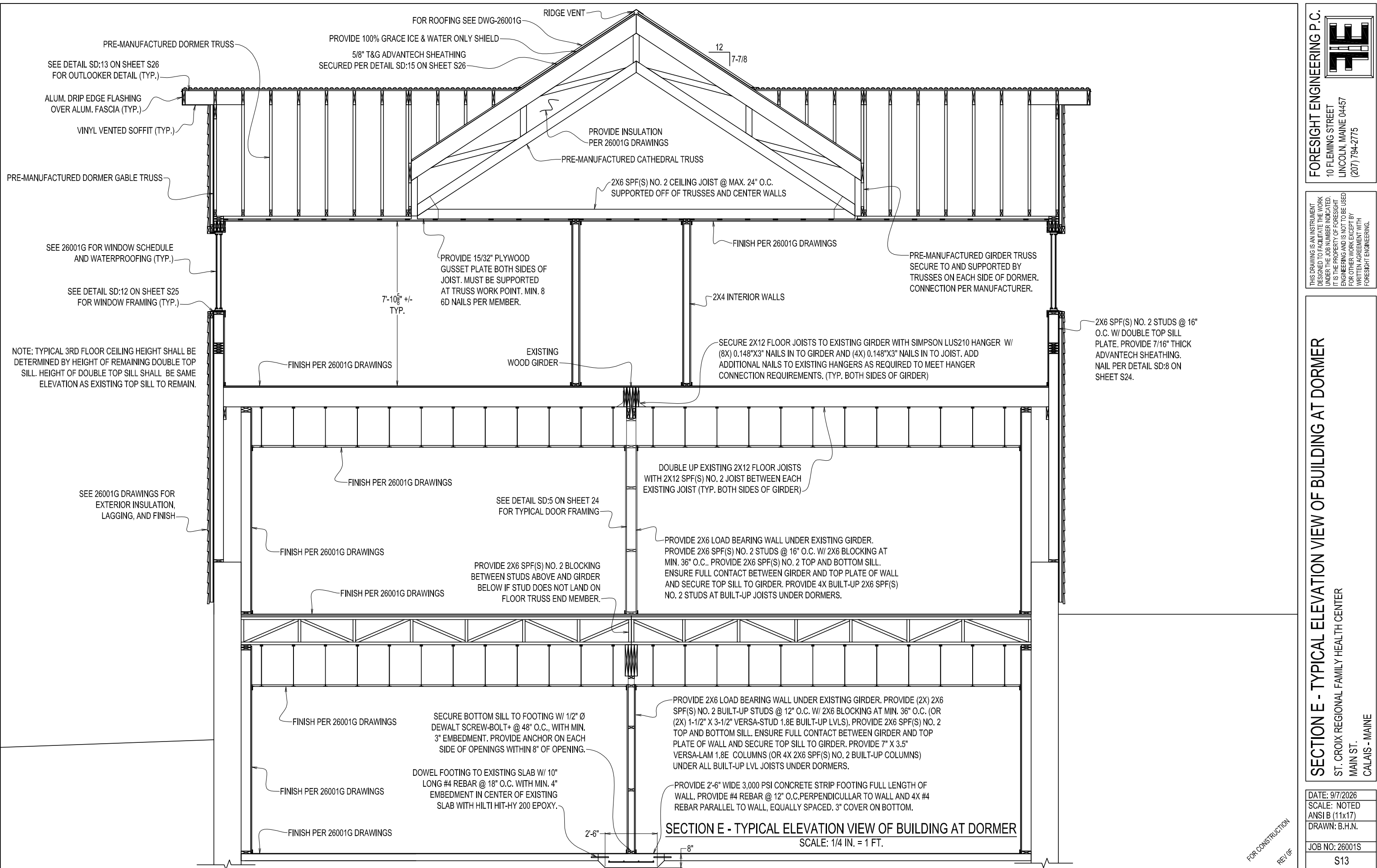


NOTE:
1. SEE SD:6 ON SHEET S24 FOR HOLES AND NOTCHING IN NON-LOADBEARING WALLS (TYP.).
2. SEE DETAIL SD:7 ON SHEET S24 FOR STUD WALL DETAIL (TYP.).
3. SEE DETAIL SD:18 ON SHEET S28 FOR FIRE WALL DETAIL FOR APARTMENTS (TYP.).

SECTION D - TYPICAL ELEVATION VIEW OF BUILDING AT DORMER WALL

SCALE: 1/4 IN. = 1 FT.

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REV OF



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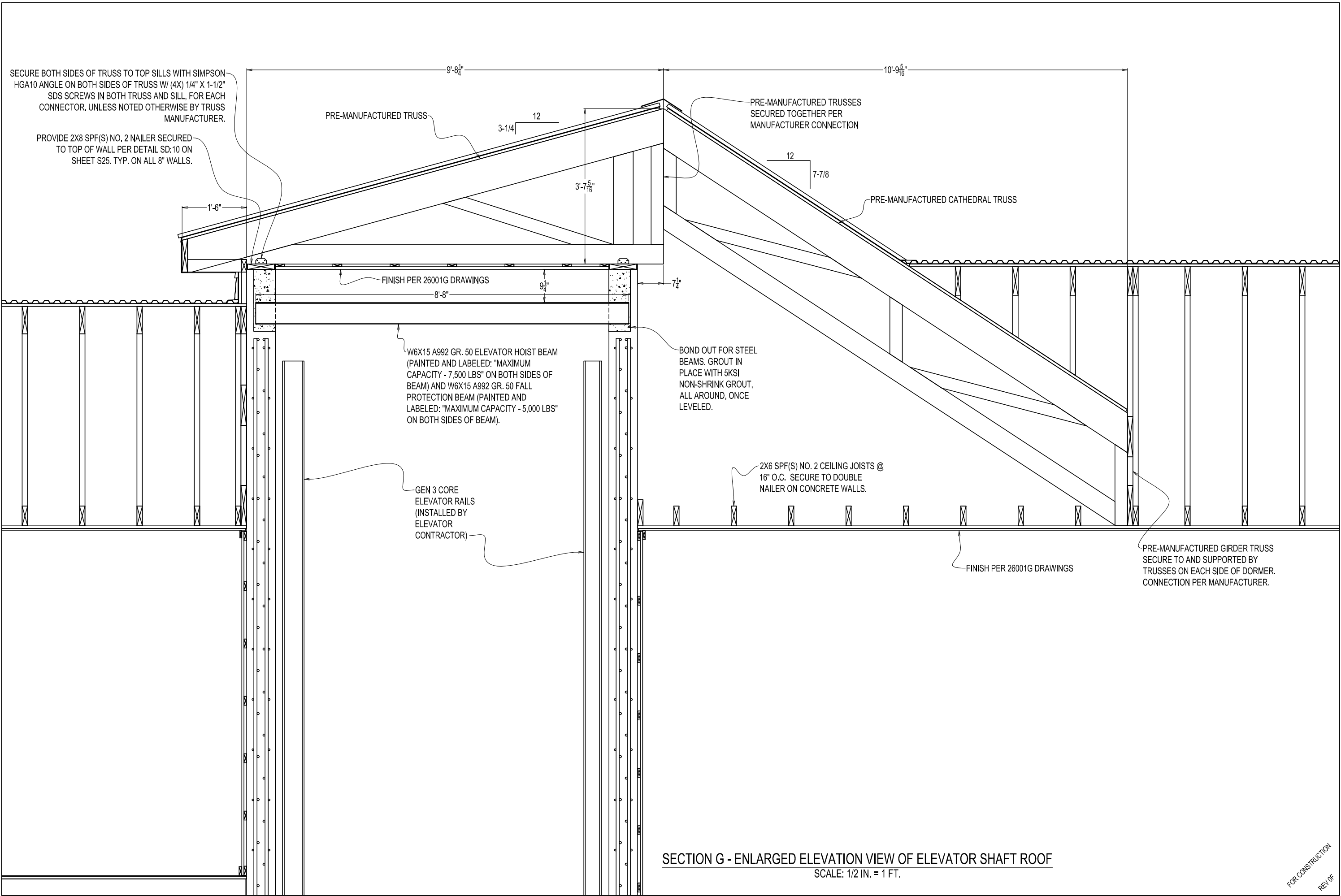
SECTION E - TYPICAL ELEVATION VIEW OF BUILDING AT DORMER

ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

DATE: 9/7/2026	
SCALE: NOTED	
ANSI B (11x17)	
DRAWN: B.H.N.	

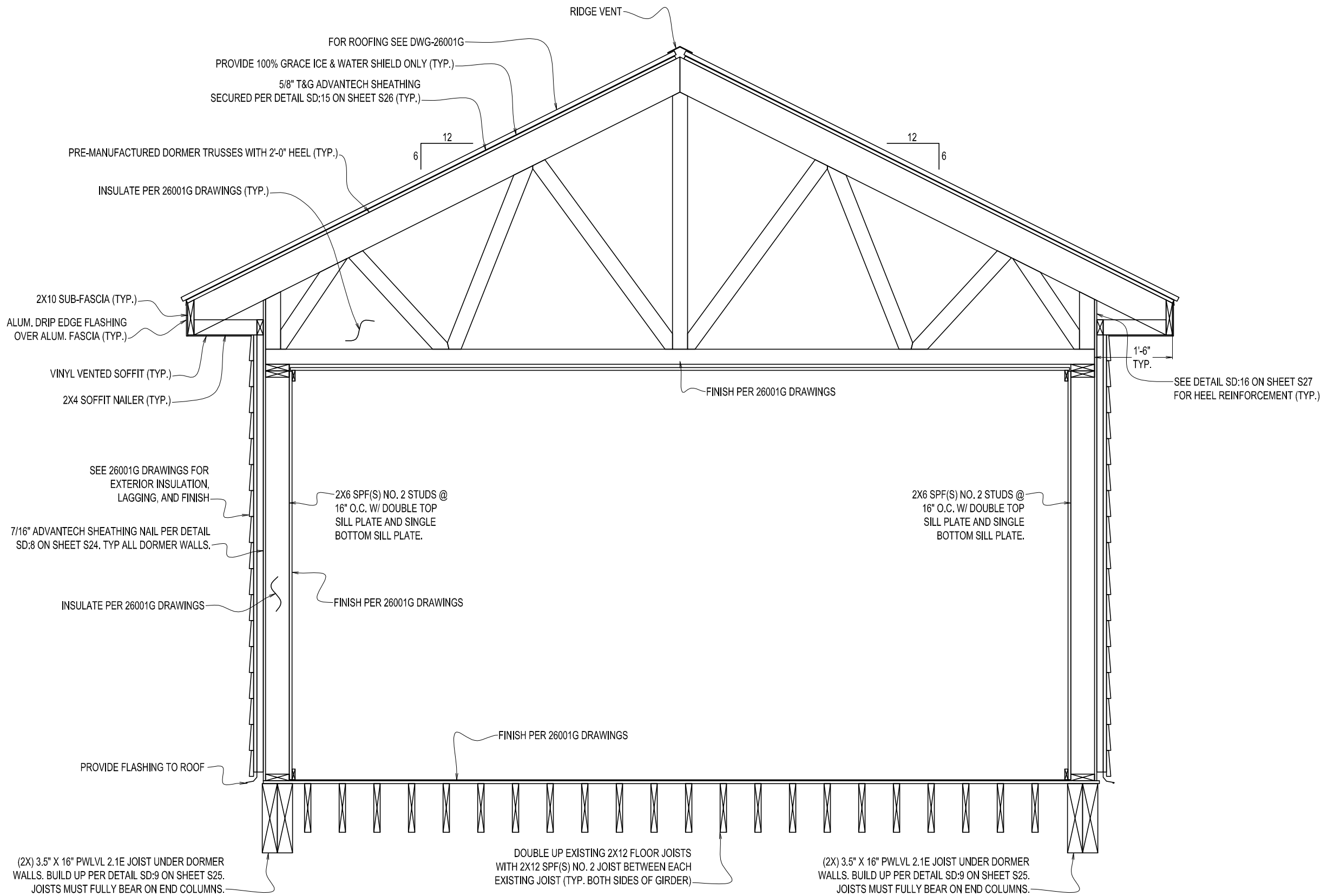
JOB NO: 26001S
S13

FOR CONSTRUCTION
REV 05

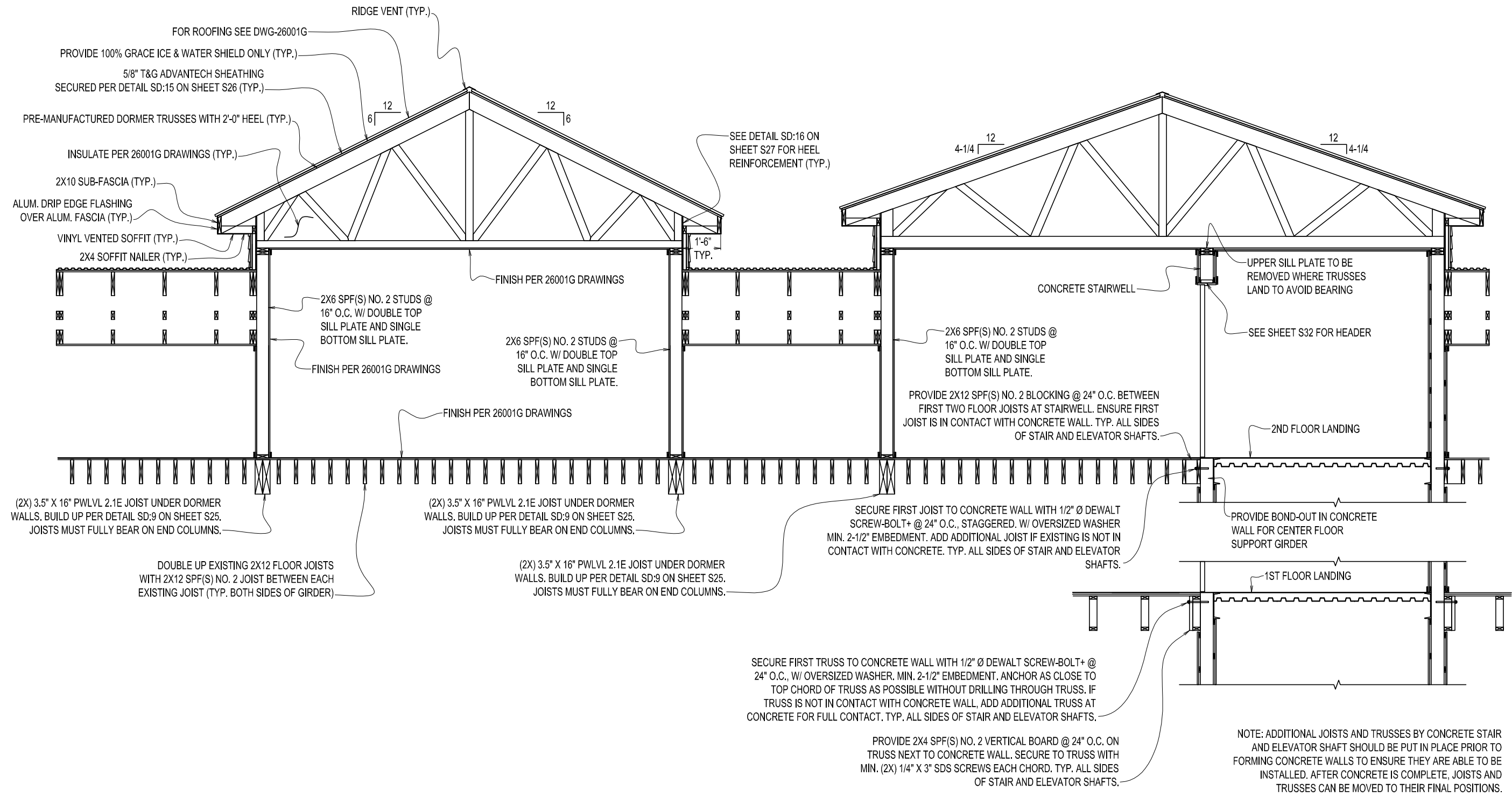


SECTION G - ENLARGED ELEVATION VIEW OF ELEVATOR SHAFT ROOF
SCALE: 1/2 IN. = 1 FT.

FOR CONSTRUCTION
REV OF



SECTION H - ELEVATION VIEW OF TYPICAL DORMER
SCALE: 1/2 IN. = 1 FT.



NOTE: SEE DETAIL SD:18 ON SHEET 28 FOR FIRE WALL DETAIL FOR APARTMENTS.

SECTION I - ELEVATION VIEW OF EAST DORMER AT STAIRS
SCALE: 1/4 IN. = 1 FT.

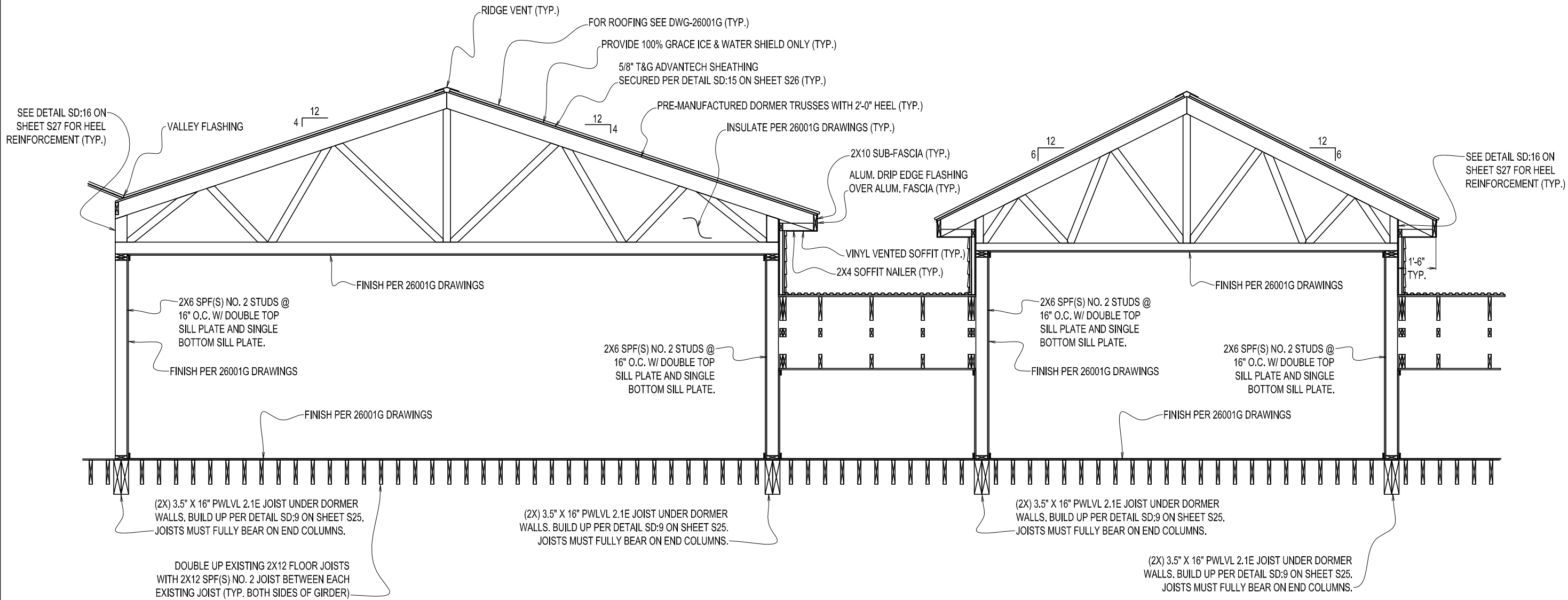
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SECTION I - ELEVATION VIEW OF EAST DORMER AT STAIRS
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CALAIS - MAINE

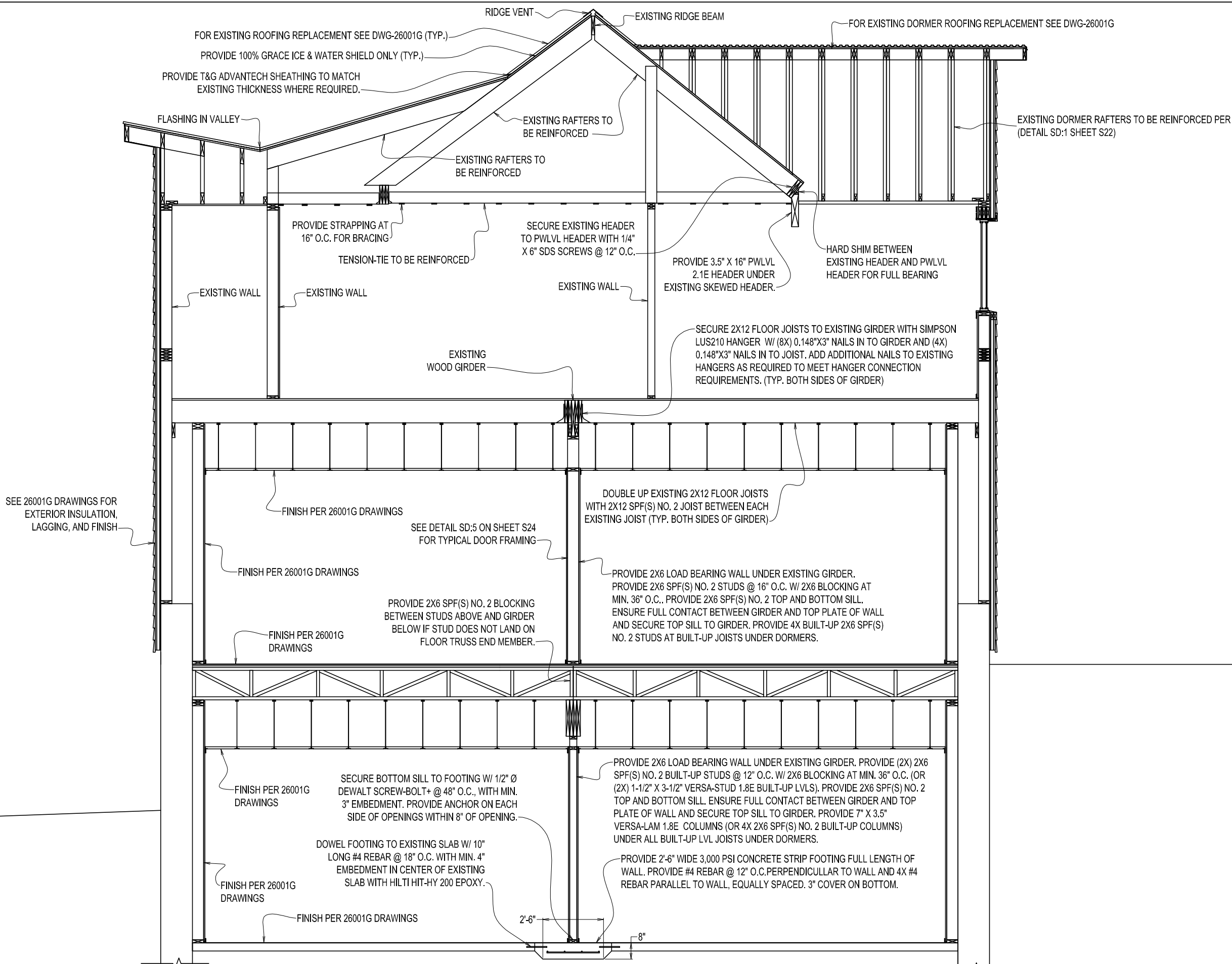
DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S18

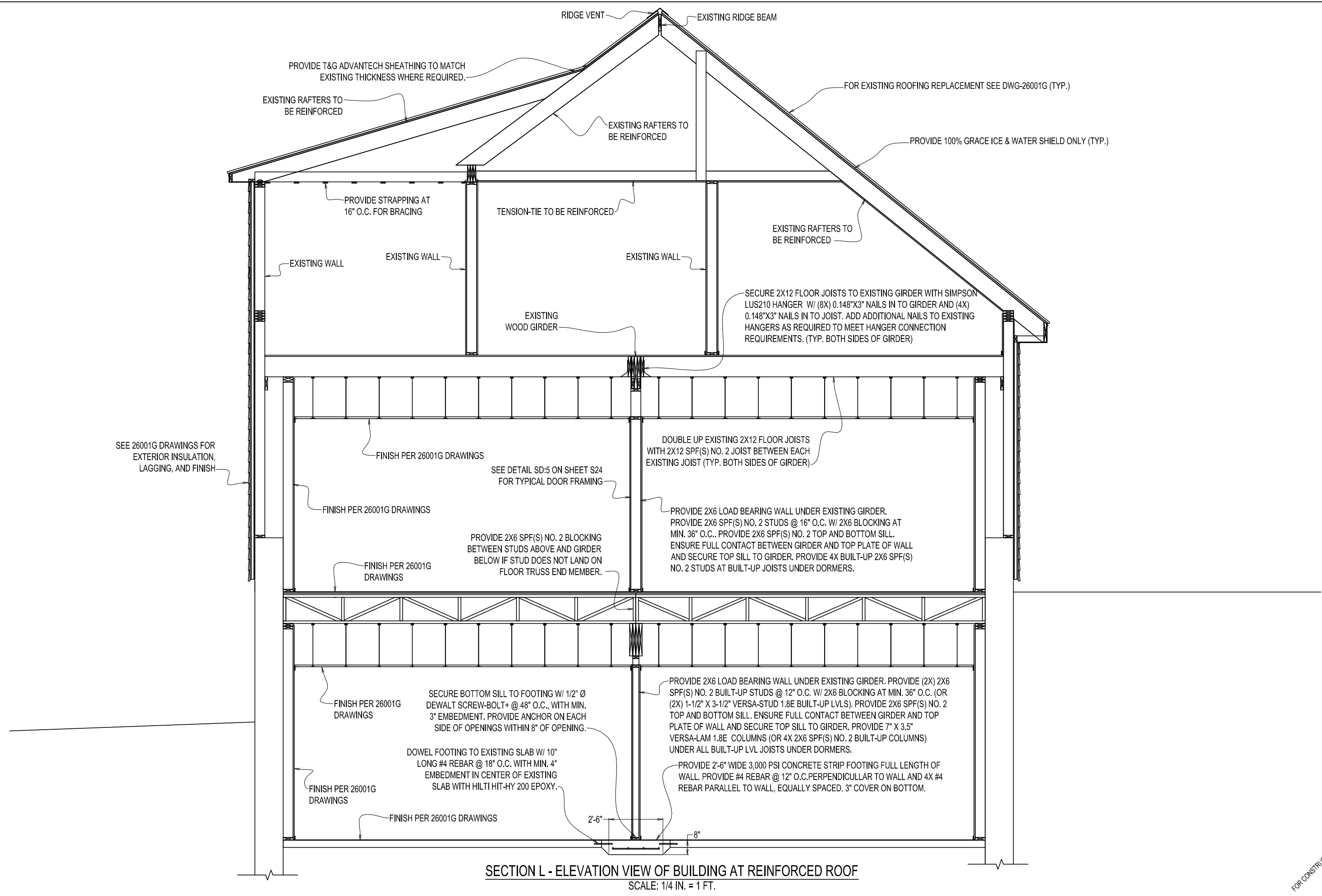
FOR CONSTRUCTION
REV 0/0

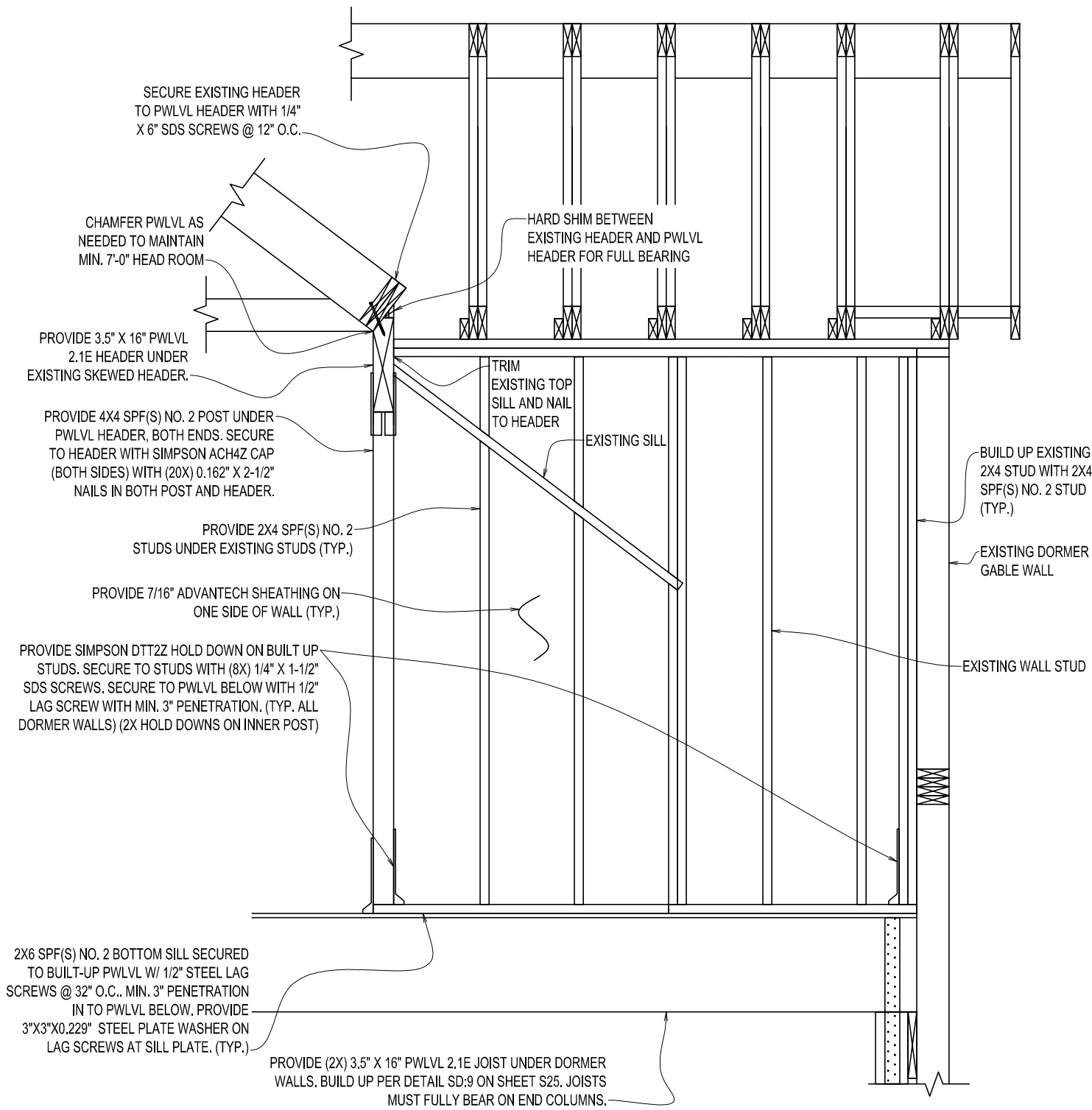


SECTION J - ELEVATION VIEW OF WEST DORMER AT STAIRS
SCALE: 1/4 IN. = 1 FT.



SECTION K - ELEVATION VIEW OF BUILDING AT REINFORCED DORMER
SCALE: 1/4 IN. = 1 FT.

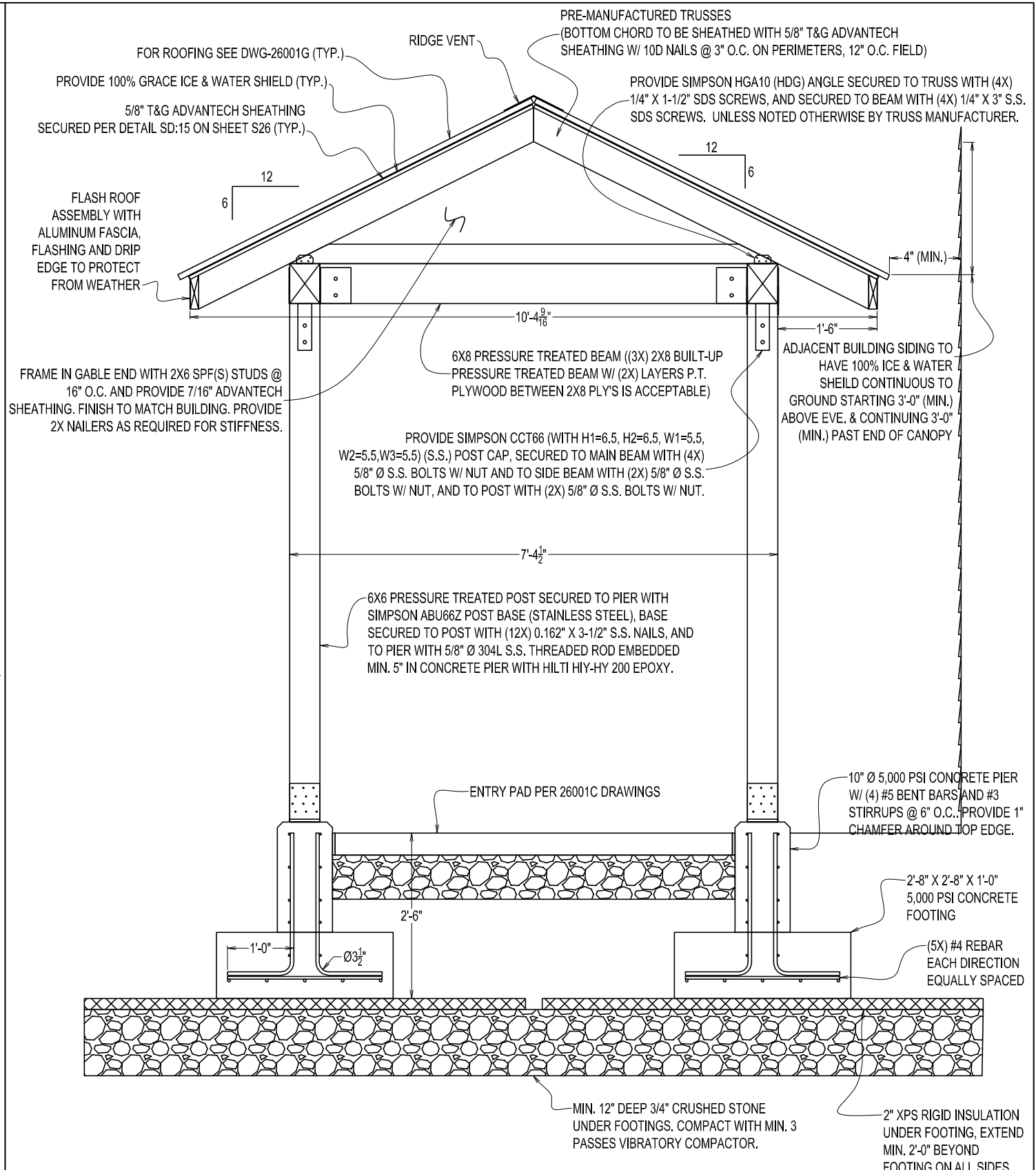




SD:1

EXISTING DORMER REINFORCEMENT

SCALE: 1/2 IN. = 1 FT.



NOTE:

1.) FOR CANOPY TO BUILDING CONNECTION SEE SHEET S9.

SD:2

SOUTH STAIRWELL EXIT CANOPY

SCALE: 1/2 IN. = 1 FT.

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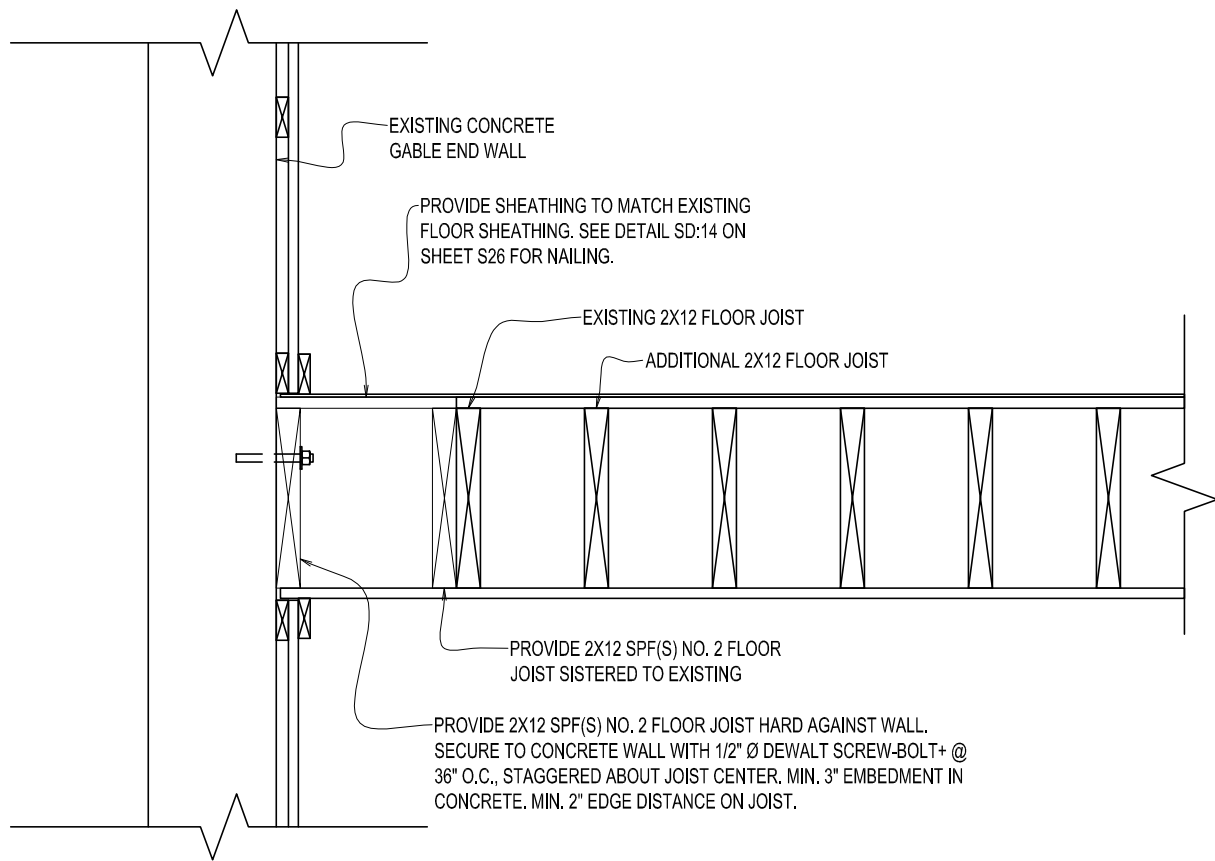
DETAILS SD:1 AND SD:2

ST. CROIX REGIONAL FAMILY HEALTH CENTER
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CALAIS - MAINE

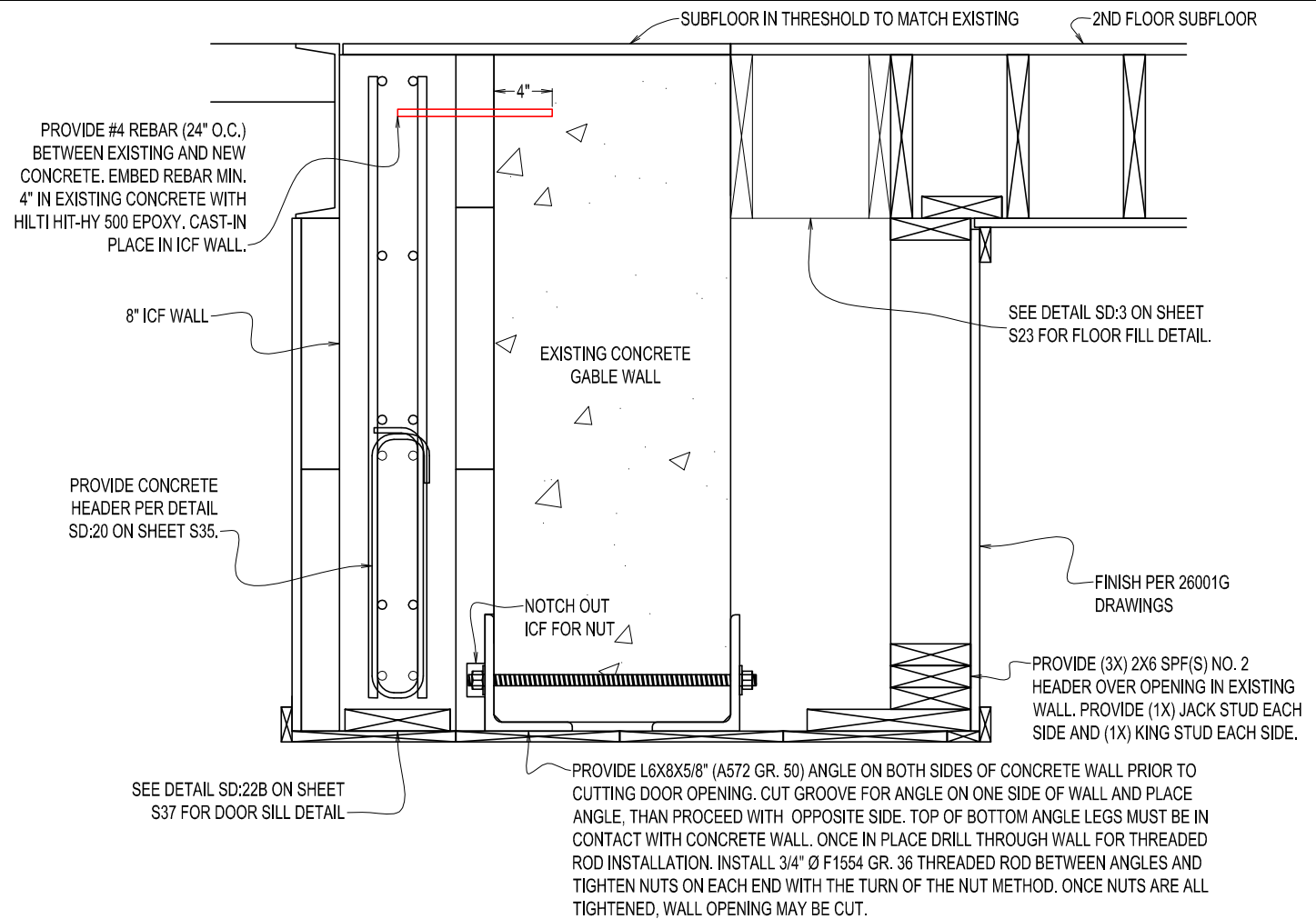
DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S22

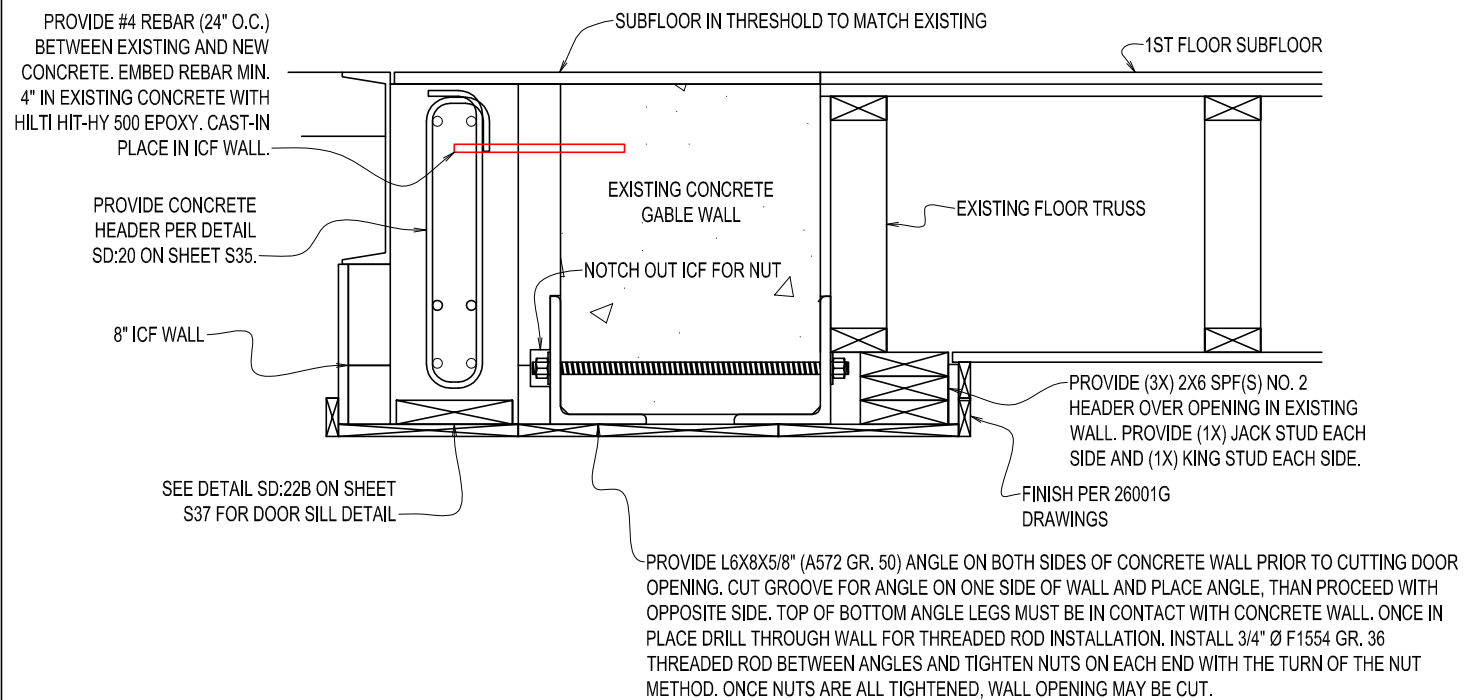
FOR CONSTRUCTION
REV OF



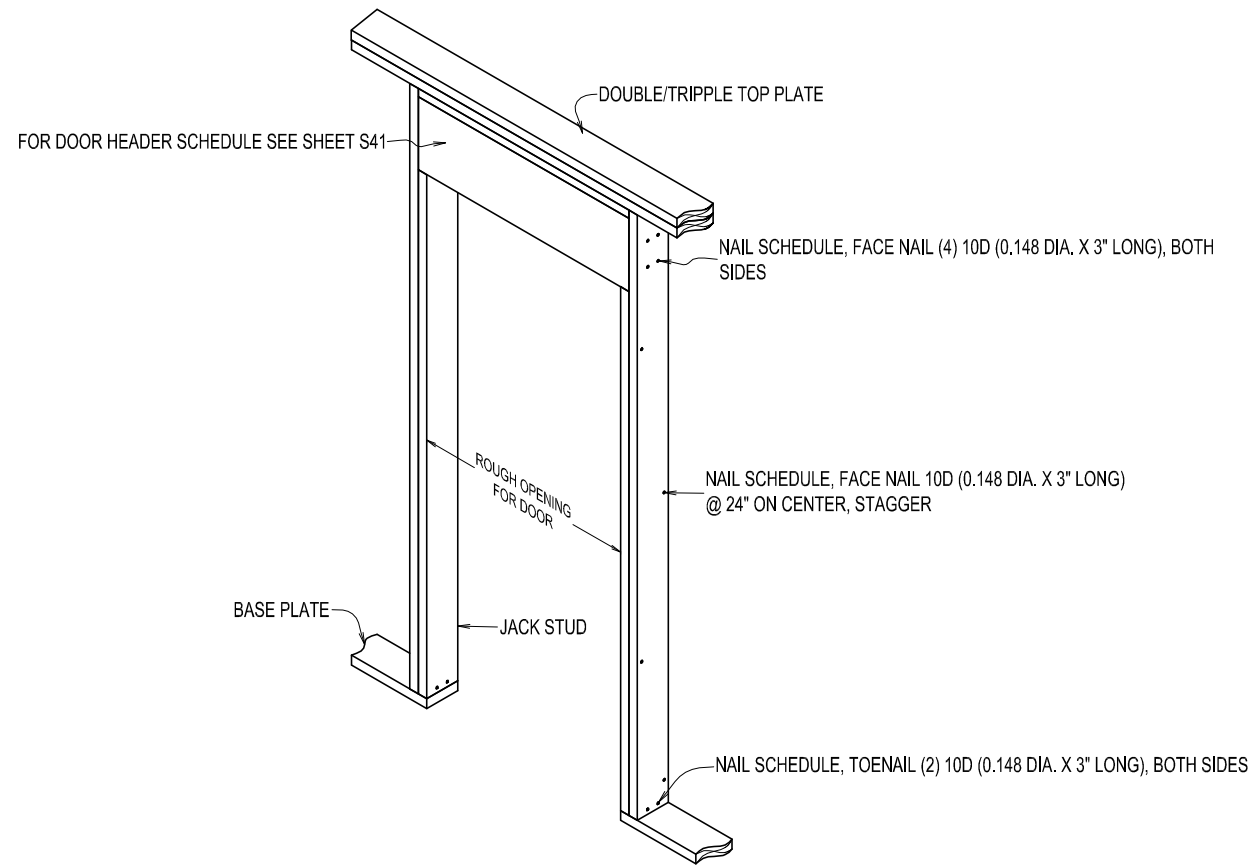
SD:3 2ND LEVEL FLOOR INFILL
SCALE: 1 IN. = 1 FT.



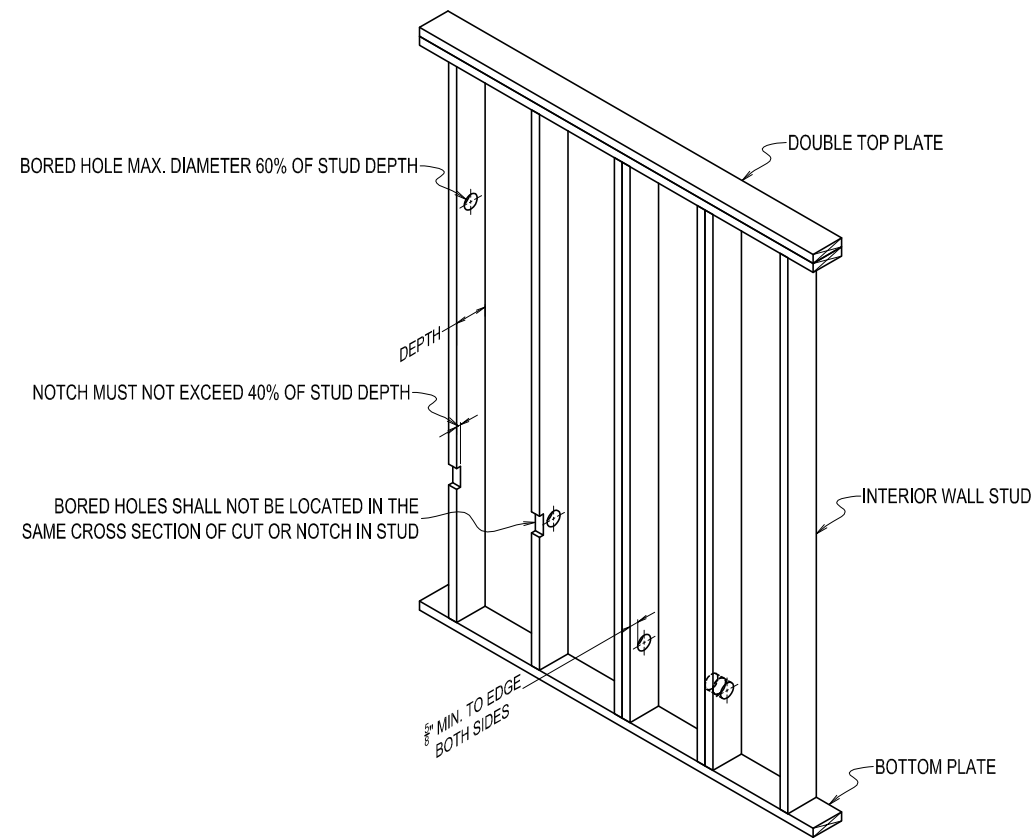
SD:4A 1ST LEVEL HEADER IN EXISTING WALL AT SOUTH STAIRWELL
SCALE: 1 IN. = 1 FT.



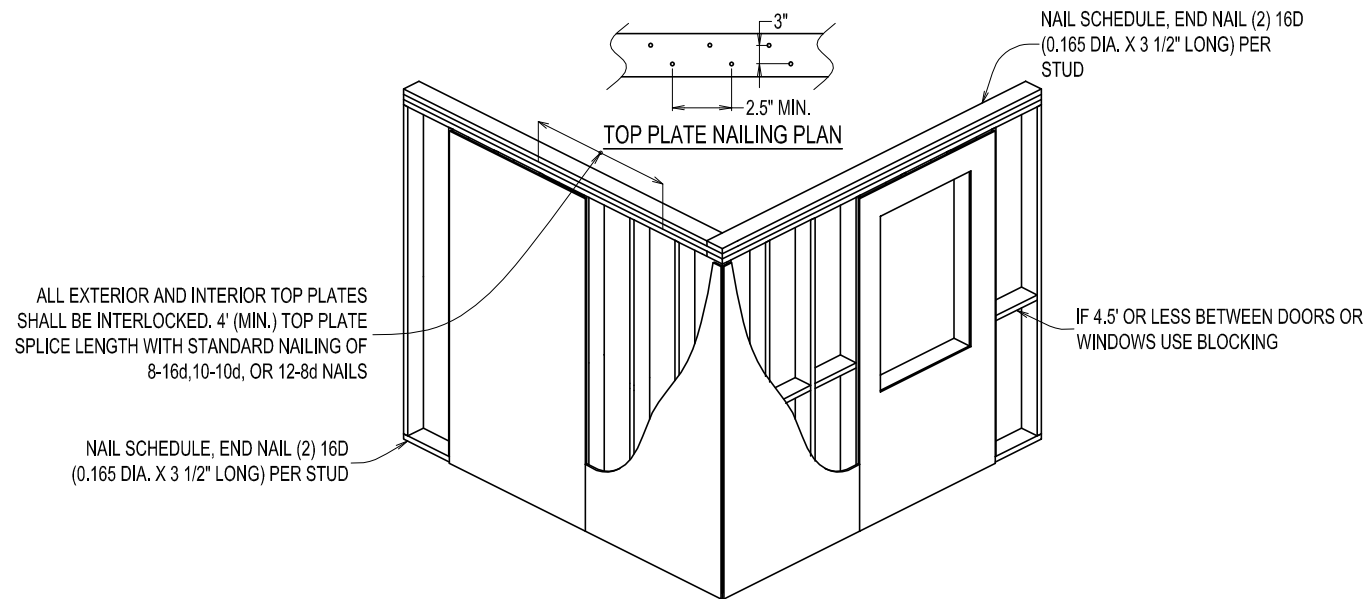
SD:4B BASEMENT LEVEL HEADER IN EXISTING WALL AT SOUTH STAIRWELL
SCALE: 1 IN. = 1 FT.



SD:5 DOOR FRAMING DETAIL
SCALE: N.T.S.

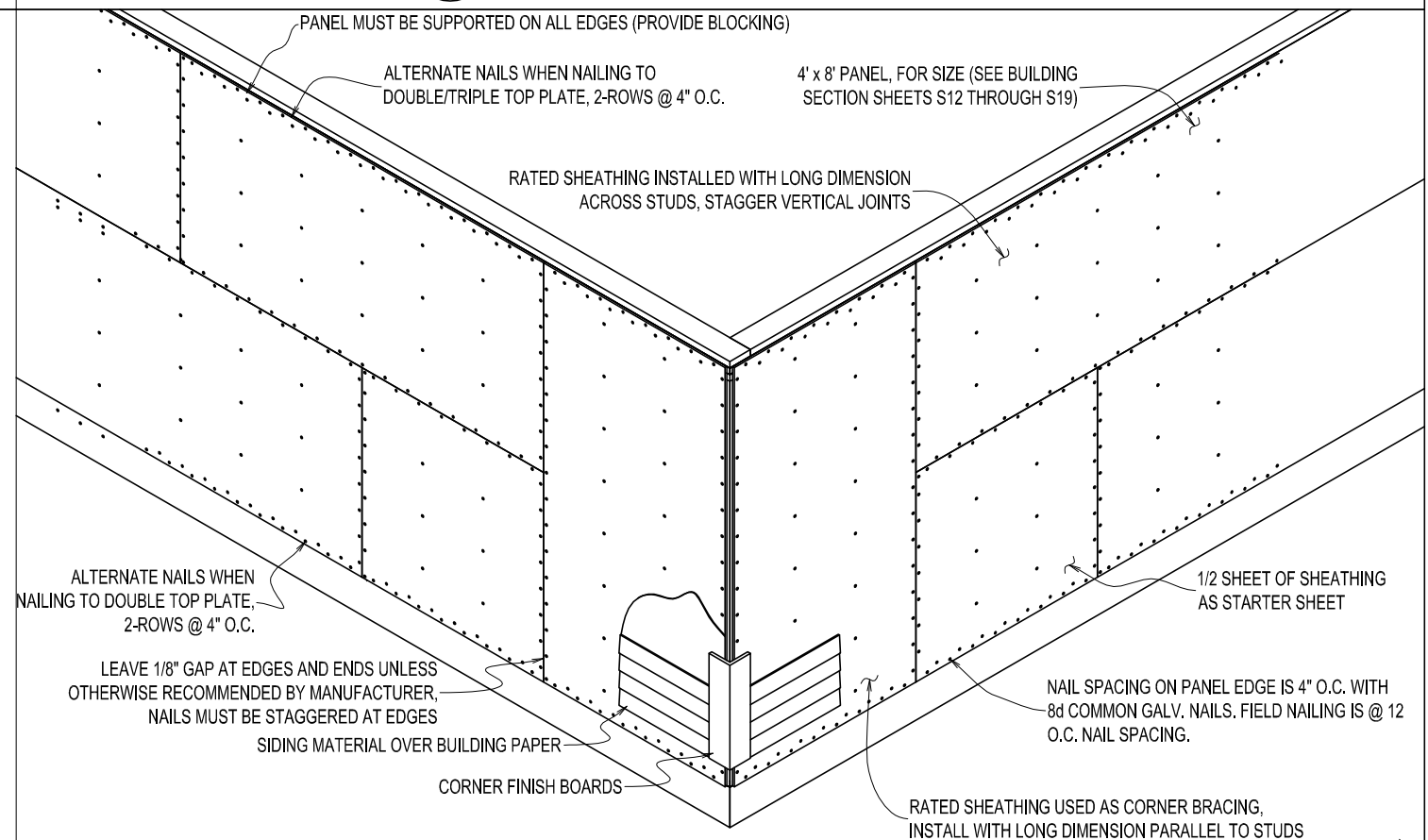


SD:6 NONBEARING WALL NOTCHING & BORING DETAIL
SCALE: N.T.S.

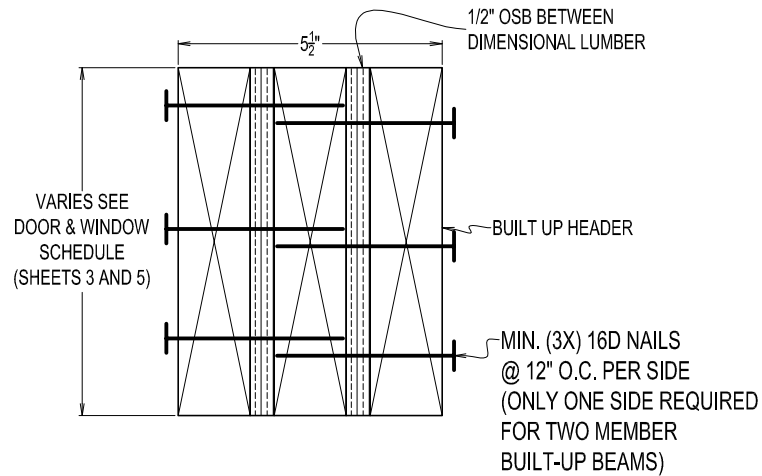


NOTE:
1.) PROVIDE STUD EDGES TO ALLOW NAILING OF INTERIOR FINISHES

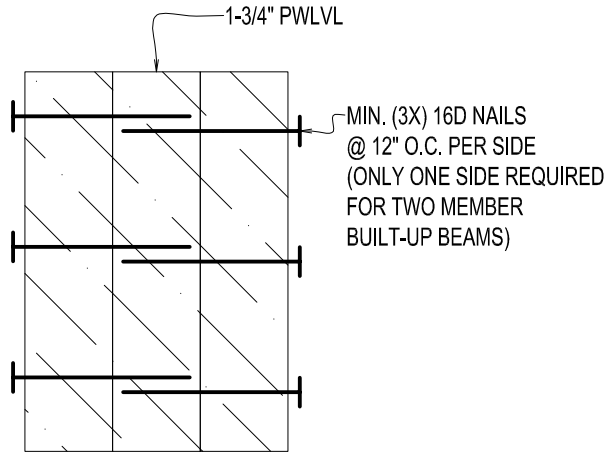
SD:7 STUD WALL DETAIL
SCALE: N.T.S.



SD:8 EXTERIOR WALL SHEATHING DETAIL
SCALE: N.T.S.

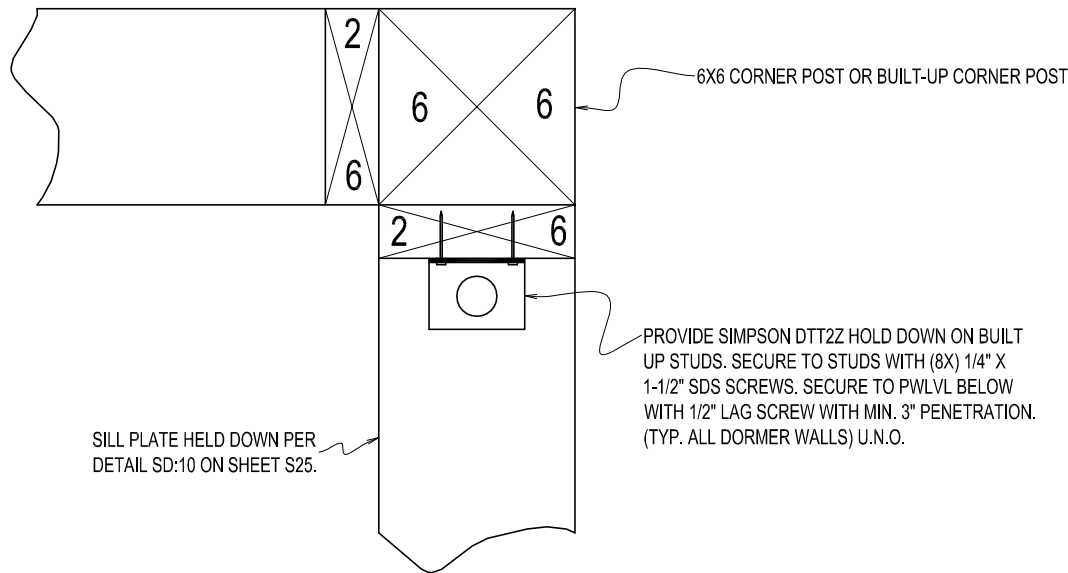


BUILT-UP DIMENSIONAL
SCALE: N.T.S.



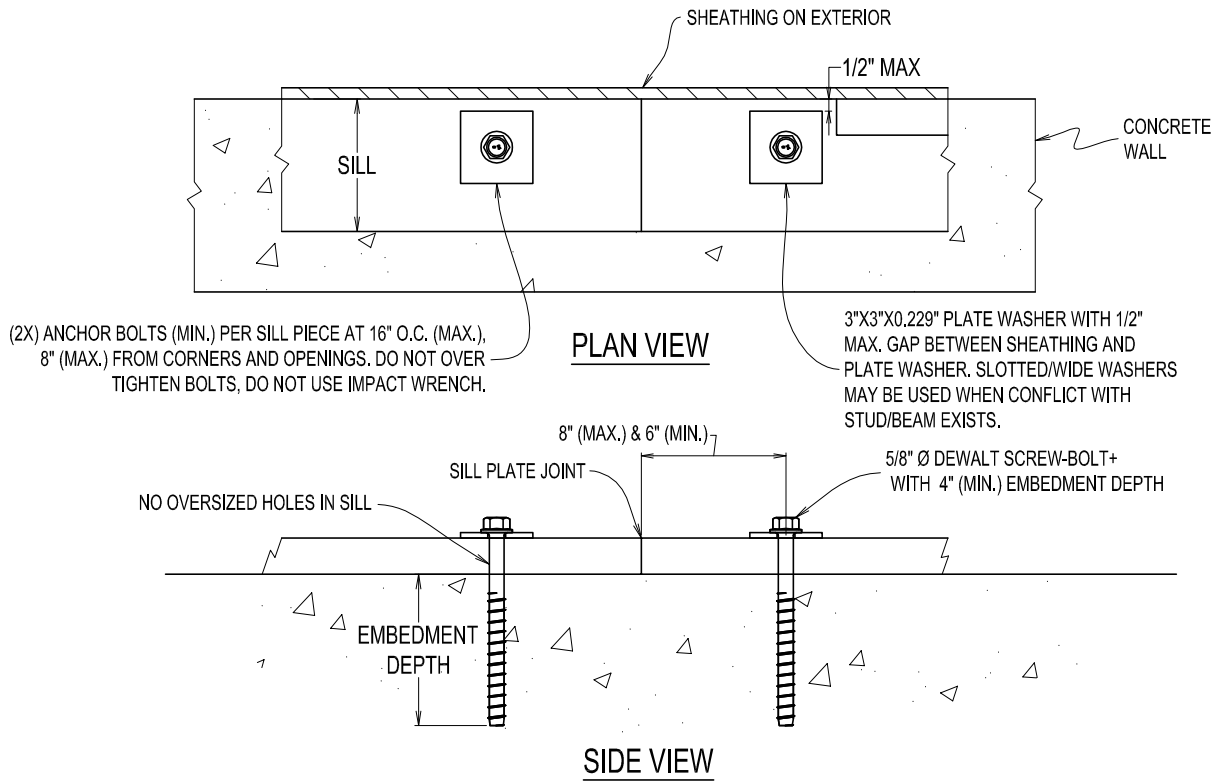
BUILT-UP PWLVL
SCALE: N.T.S.

SD:9 BUILT-UP HEADER DETAILS
SCALE: N.T.S.

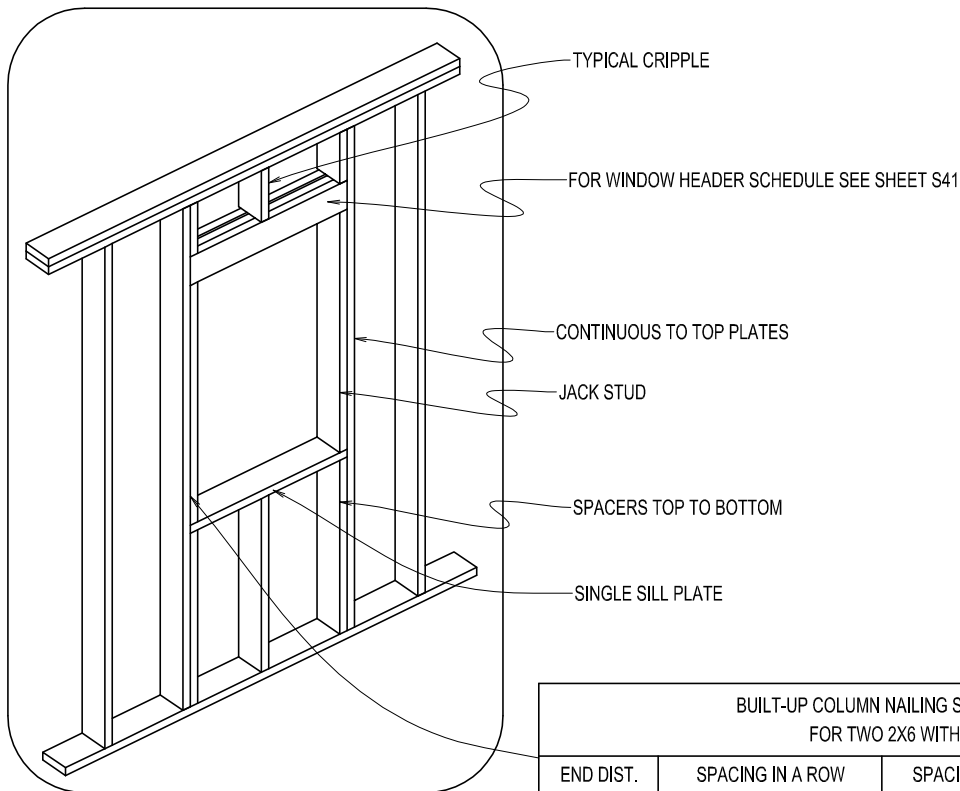


NOTE:
1.) INSTALL HOLD DOWN ON ALL CORNERS AND END WALLS OF SHEAR WALLS AND DOOR WAYS 4' OR WIDER.

SD:11 CORNER HOLD DOWN DETAIL
SCALE: N.T.S.

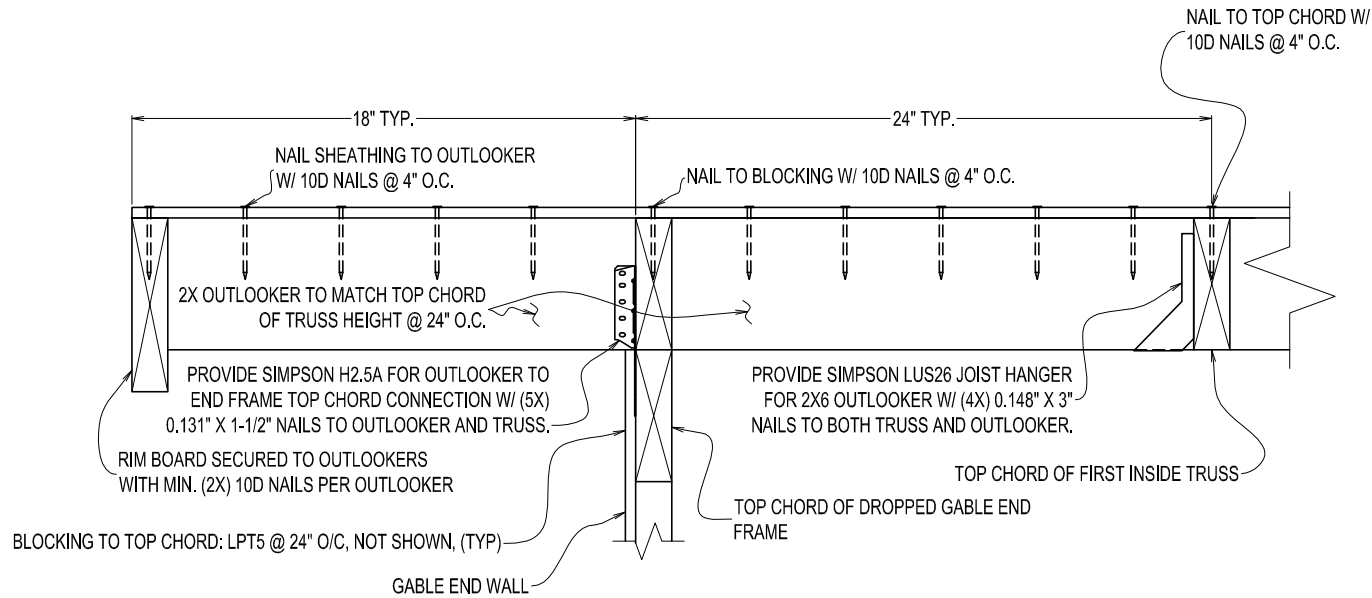


SD:10 ANCHOR BOLT DETAILS
SCALE: N.T.S.

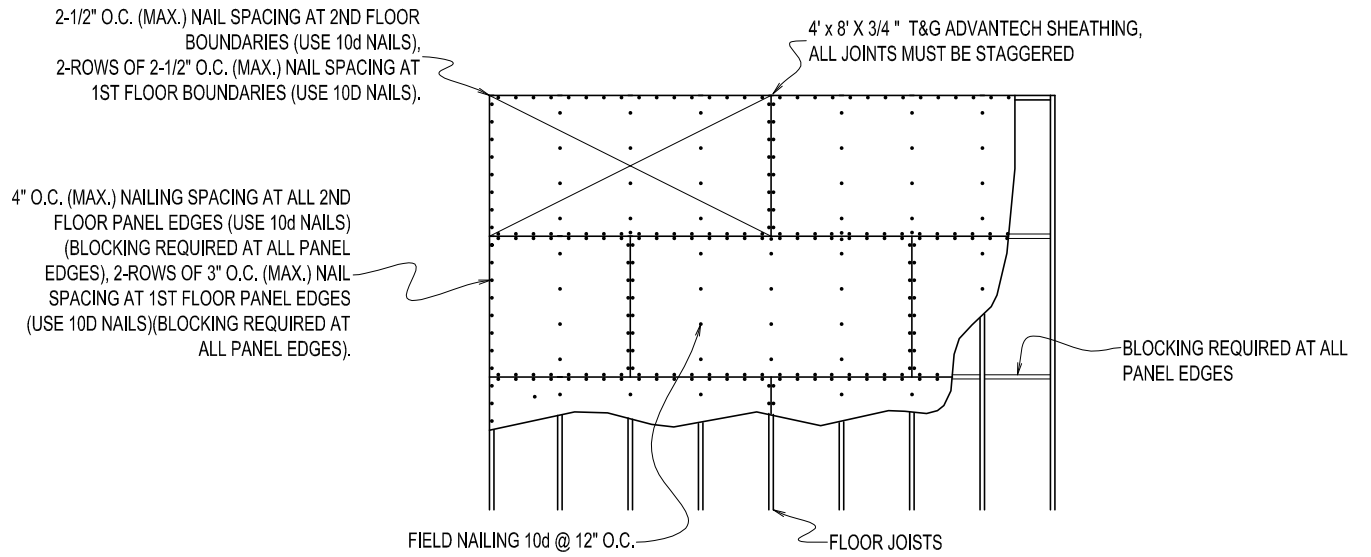


BUILT-UP COLUMN NAILING SCHEDULE (INCHES) FOR TWO 2X6 WITH 10D NAILS				
	END DIST.	SPACING IN A ROW	SPACING BETWEEN ROWS	EDGE DIST.
MIN.	2	2 1/2	1 1/2	5/8
MAX.	2 3/8	9	2 1/2	2 5/8

SD:12 TYPICAL WINDOW FRAMING
SCALE: N.T.S.

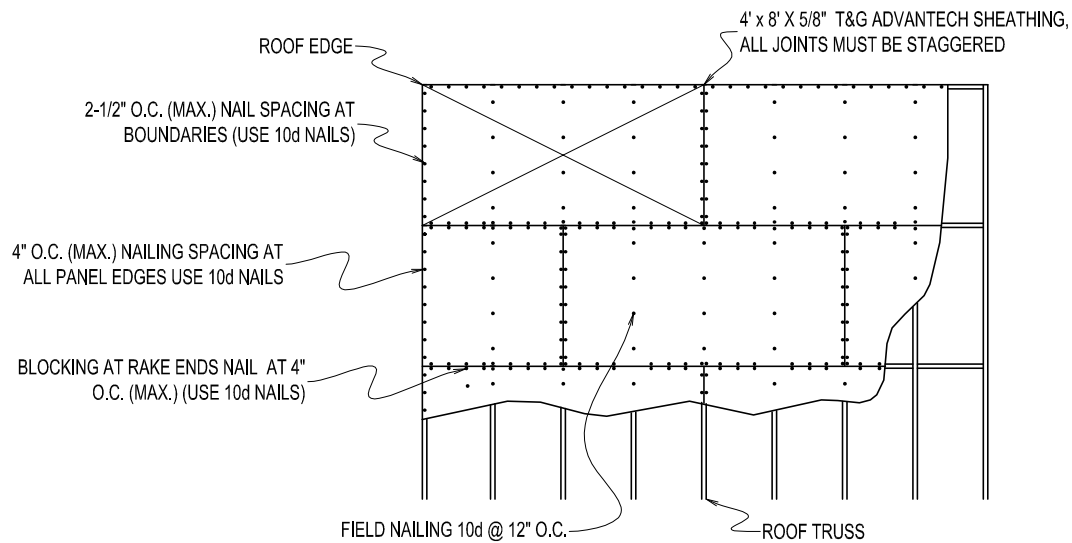


SD:13 TYPICAL OUTLOOKER DETAIL
SCALE: N.T.S.



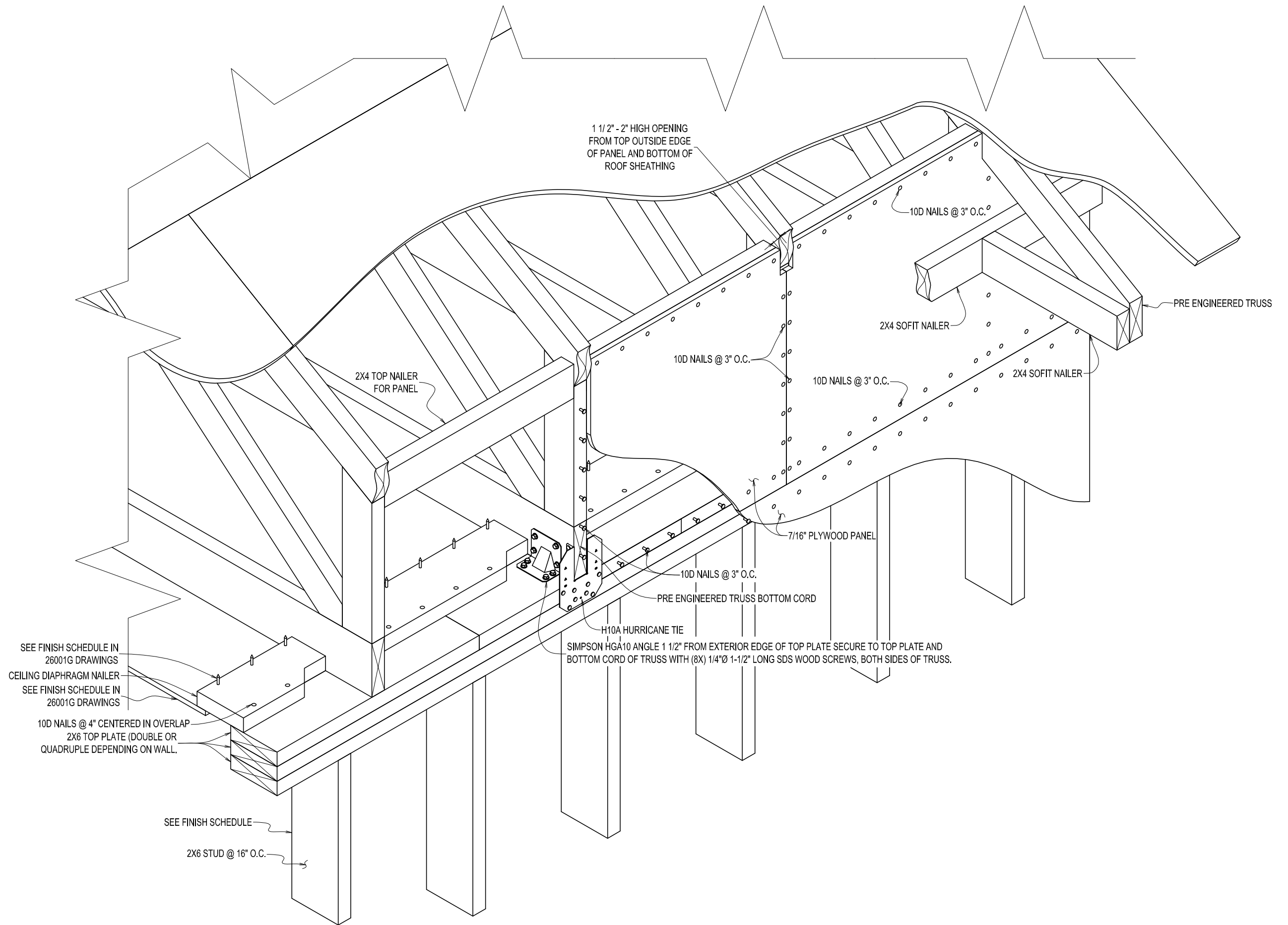
NOTE:
1. FLOOR NAILS RING SHANK TYPE 10d - 0.148" X 3" WITH FULL ROUND HEADS
2. PANELS TO BE GLUED AND NAILED

SD:14 BLOCKED PARTIAL FLOOR PLAN
SCALE: N.T.S.

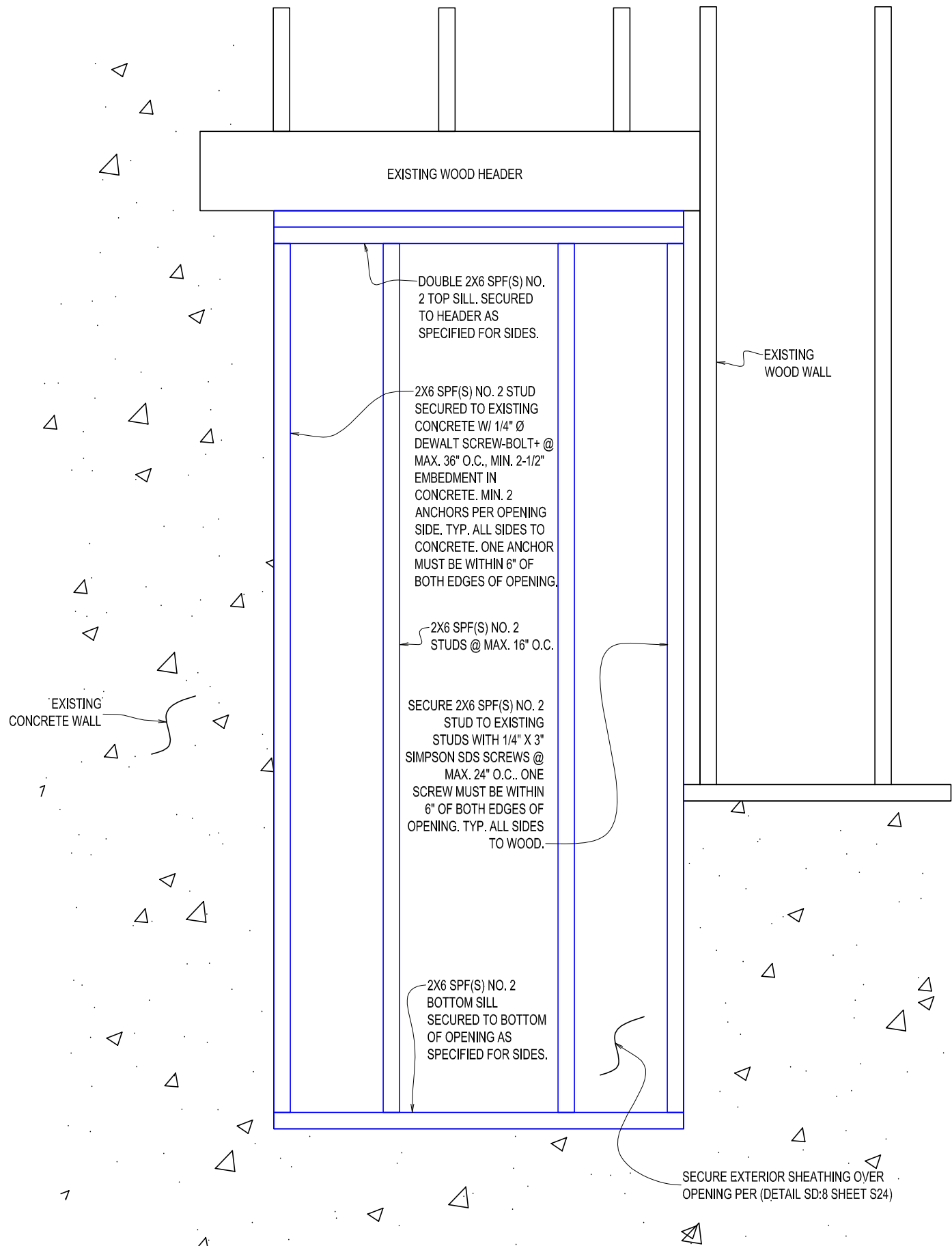


NOTE:
1.) ROOF NAILS RING SHANK TYPE 10d - 0.148" X 3" WITH FULL ROUND HEADS

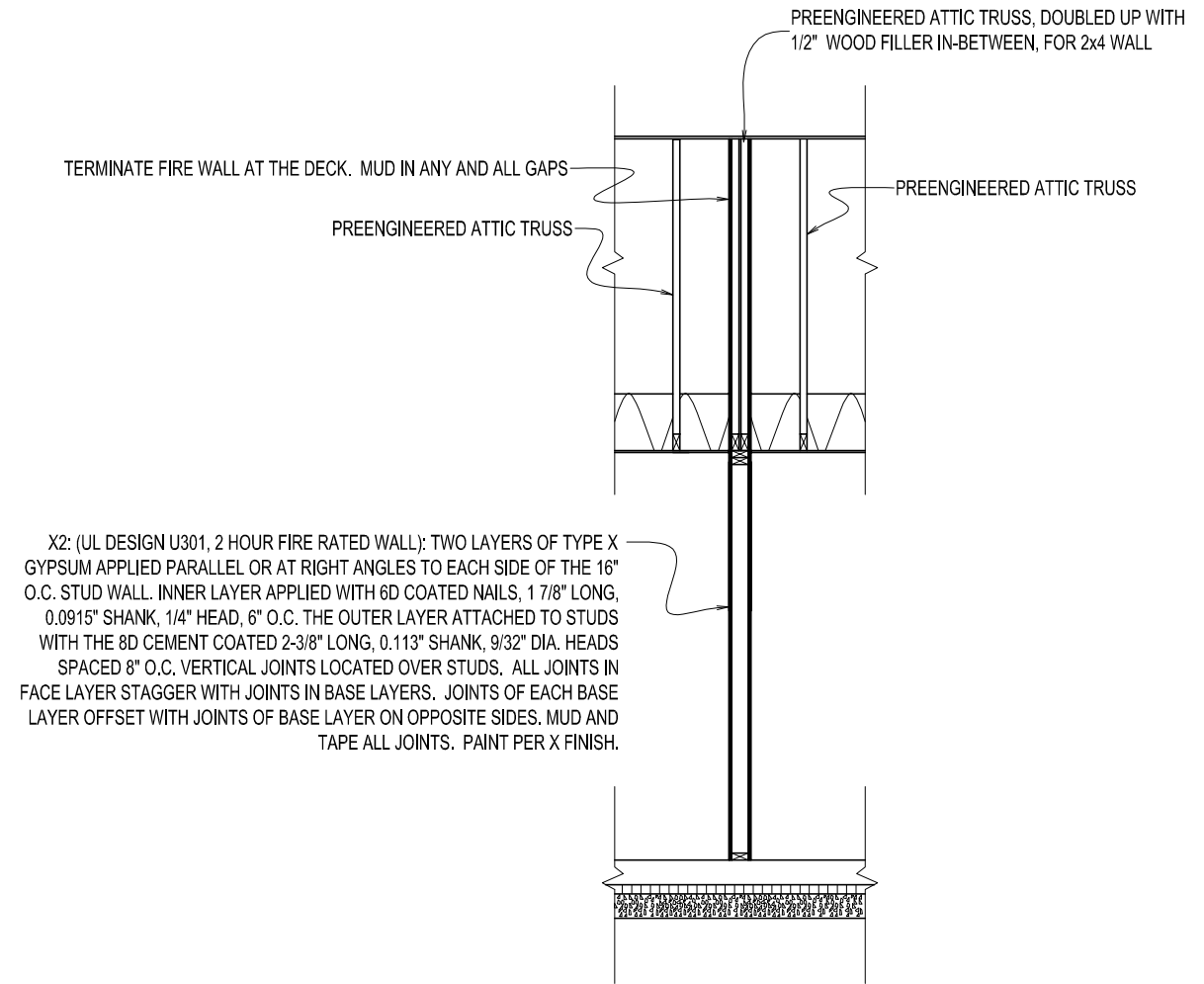
SD:15 BLOCKED PARTIAL ROOF PLAN
SCALE: N.T.S.



SD:16 HEEL REINFORCEMENT DETAIL
SCALE: N.T.S.

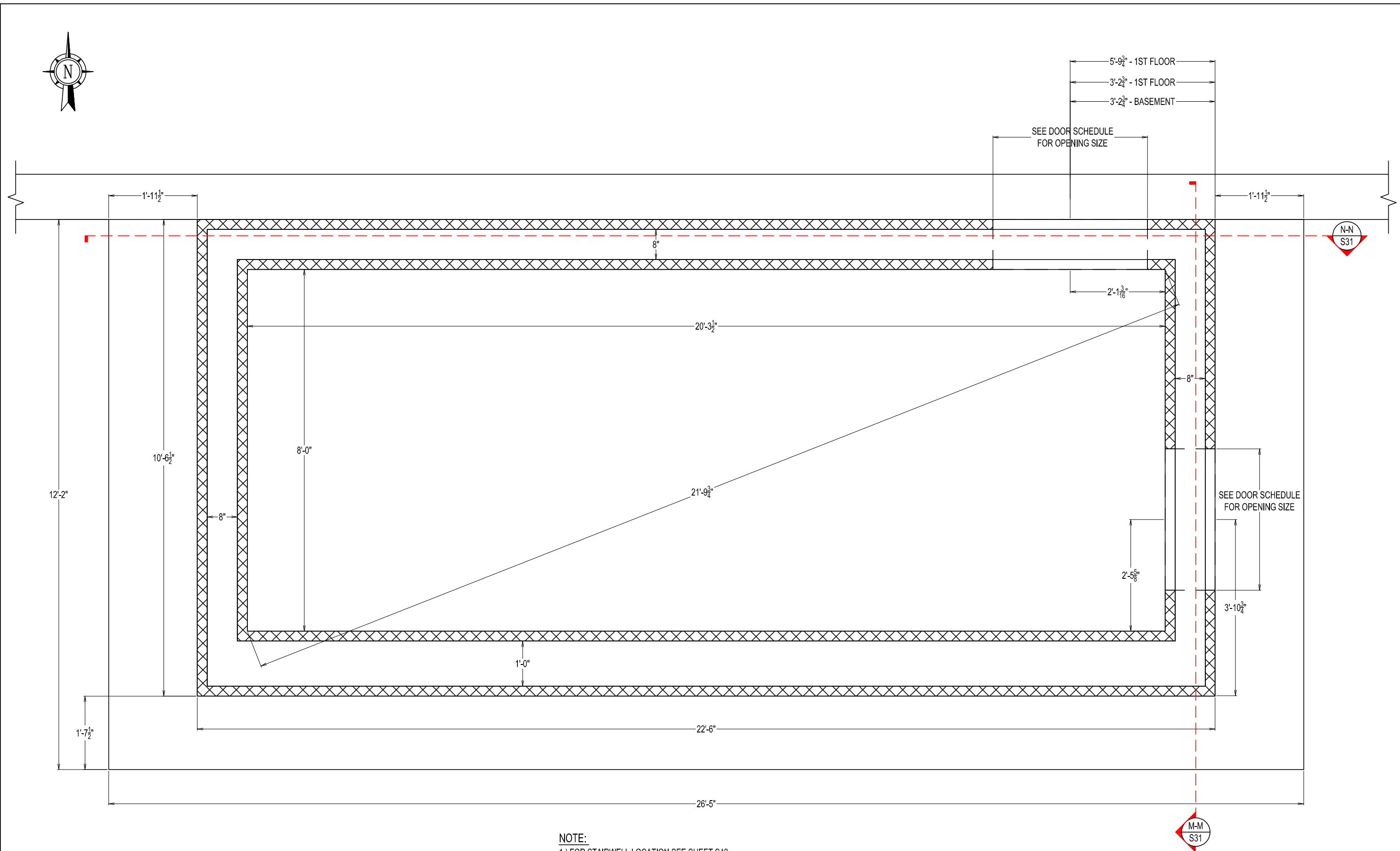


SD:17 WALL INFILL DETAIL
SCALE: N.T.S.



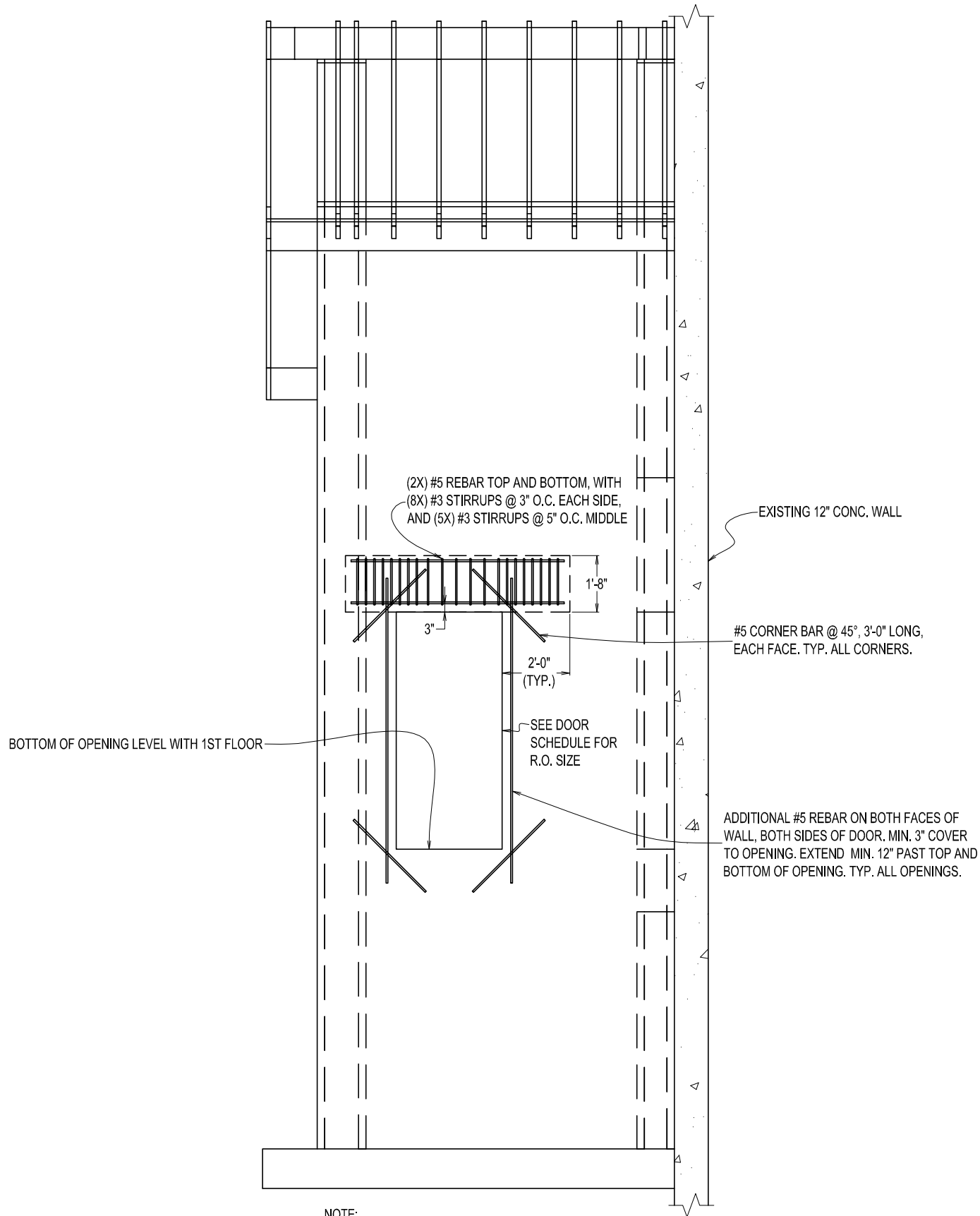
NOTE: SEE SECTION C FOR BUILDING CONSTRUCTION DETAILS

SD:18 FIRE WALL DETAIL
SCALE: N.T.S.



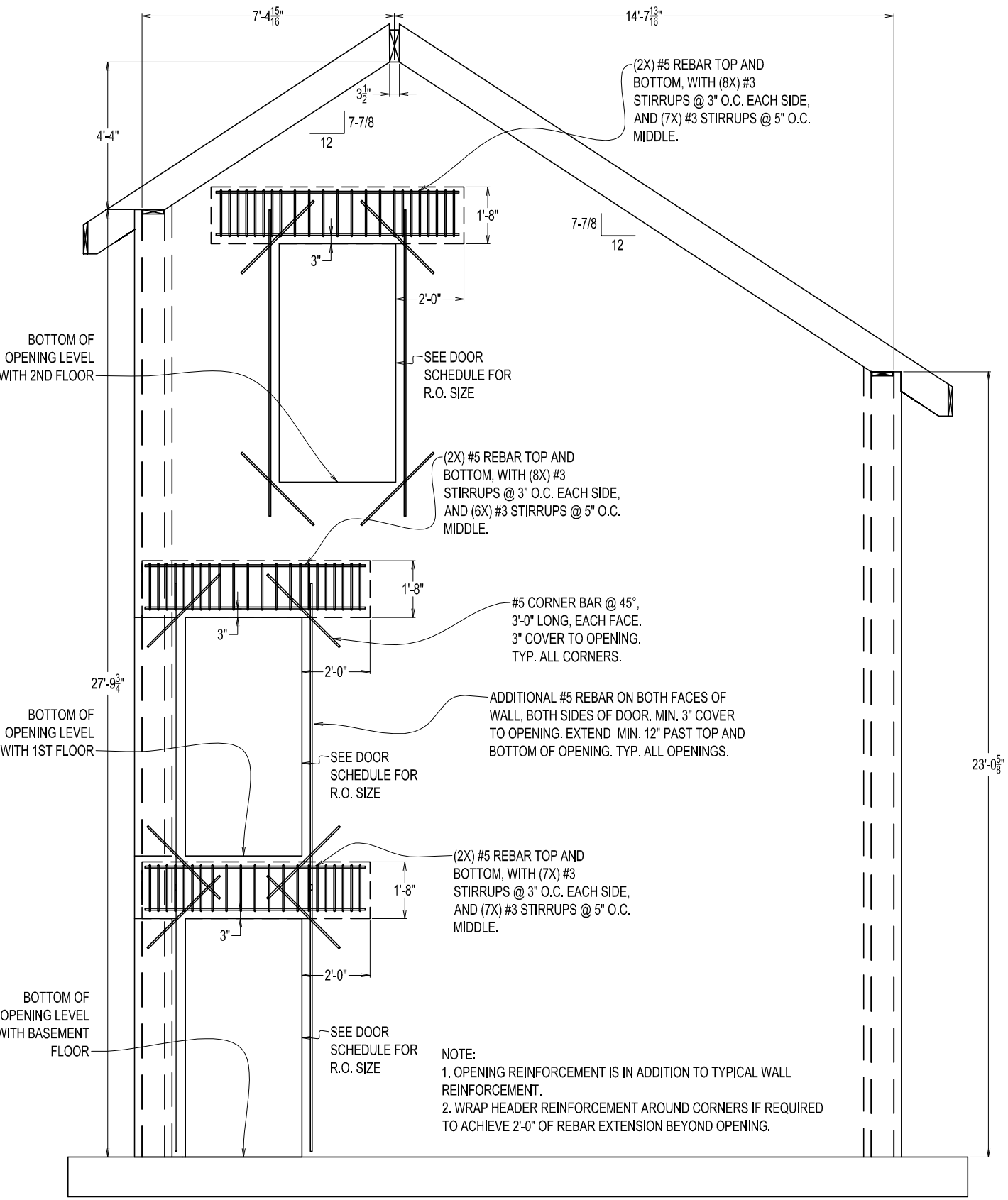
- NOTE:
- 1.) FOR STAIRWELL LOCATION SEE SHEET S42.
 - 2.) FOR FOOTING & ICF WALL ELEVATIONS SEE SHEET S9.
 - 3.) WATER PROOF FOOTING & ICF WALL PER (DETAIL SD:21 SHEET 36).
 - 4.) DOOR FRAME SECURED TO WALL PER (DETAIL SD:22A & SD:22B SHEET S37).

PLAN VIEW OF SOUTH STAIRWELL
SCALE: 1/2 IN. = 1 FT.



NOTE:
1. OPENING REINFORCEMENT IS IN ADDITION TO TYPICAL WALL REINFORCEMENT.
2. WRAP HEADER REINFORCEMENT AROUND CORNERS IF REQUIRED TO ACHIEVE 2'-0" OF REBAR EXTENSION BEYOND OPENING.

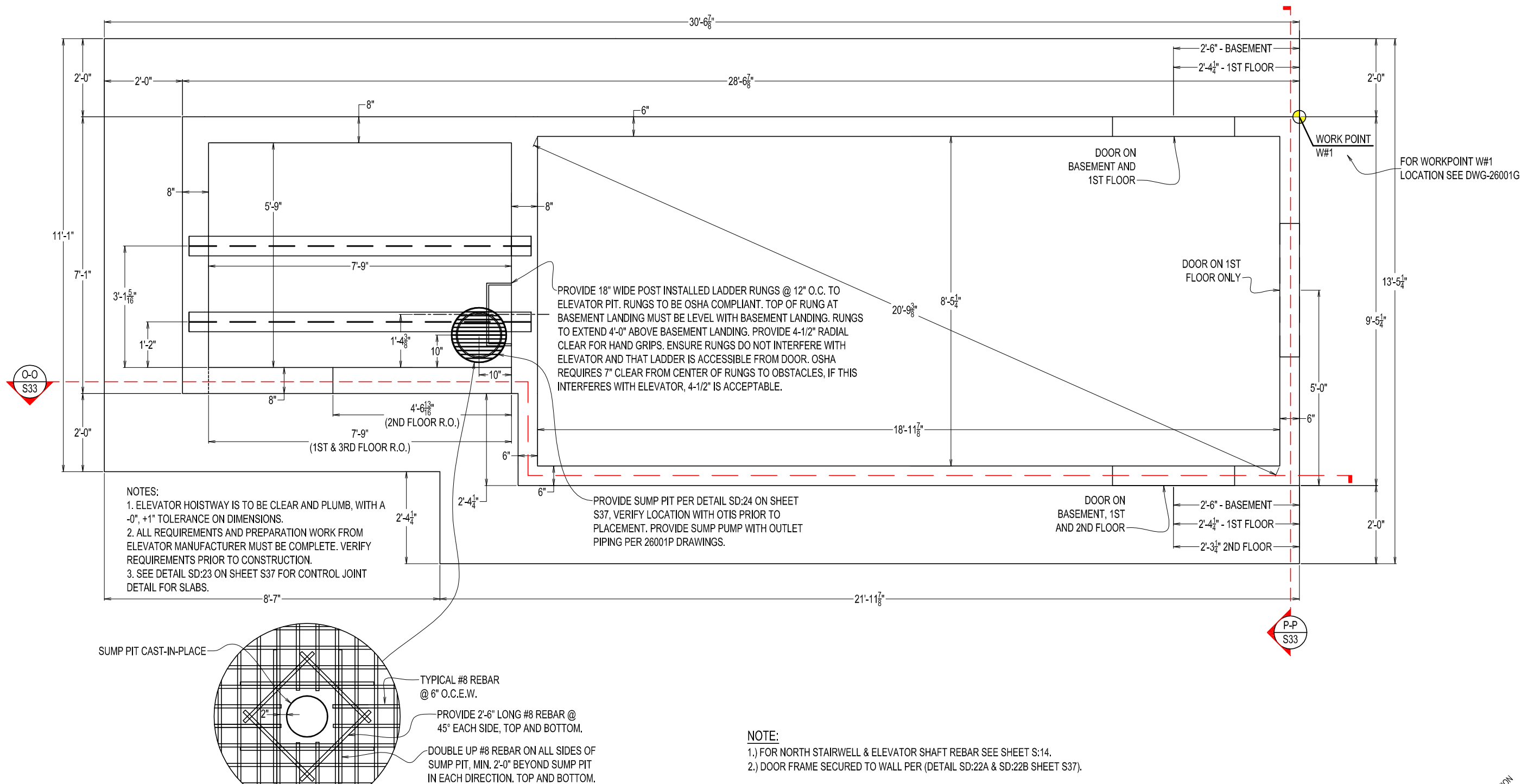
SECTION M - ELEVATION VIEW OF SOUTH STAIRWELL
SCALE: 1/4 IN. = 1 FT.



NOTE:
1. OPENING REINFORCEMENT IS IN ADDITION TO TYPICAL WALL REINFORCEMENT.
2. WRAP HEADER REINFORCEMENT AROUND CORNERS IF REQUIRED TO ACHIEVE 2'-0" OF REBAR EXTENSION BEYOND OPENING.

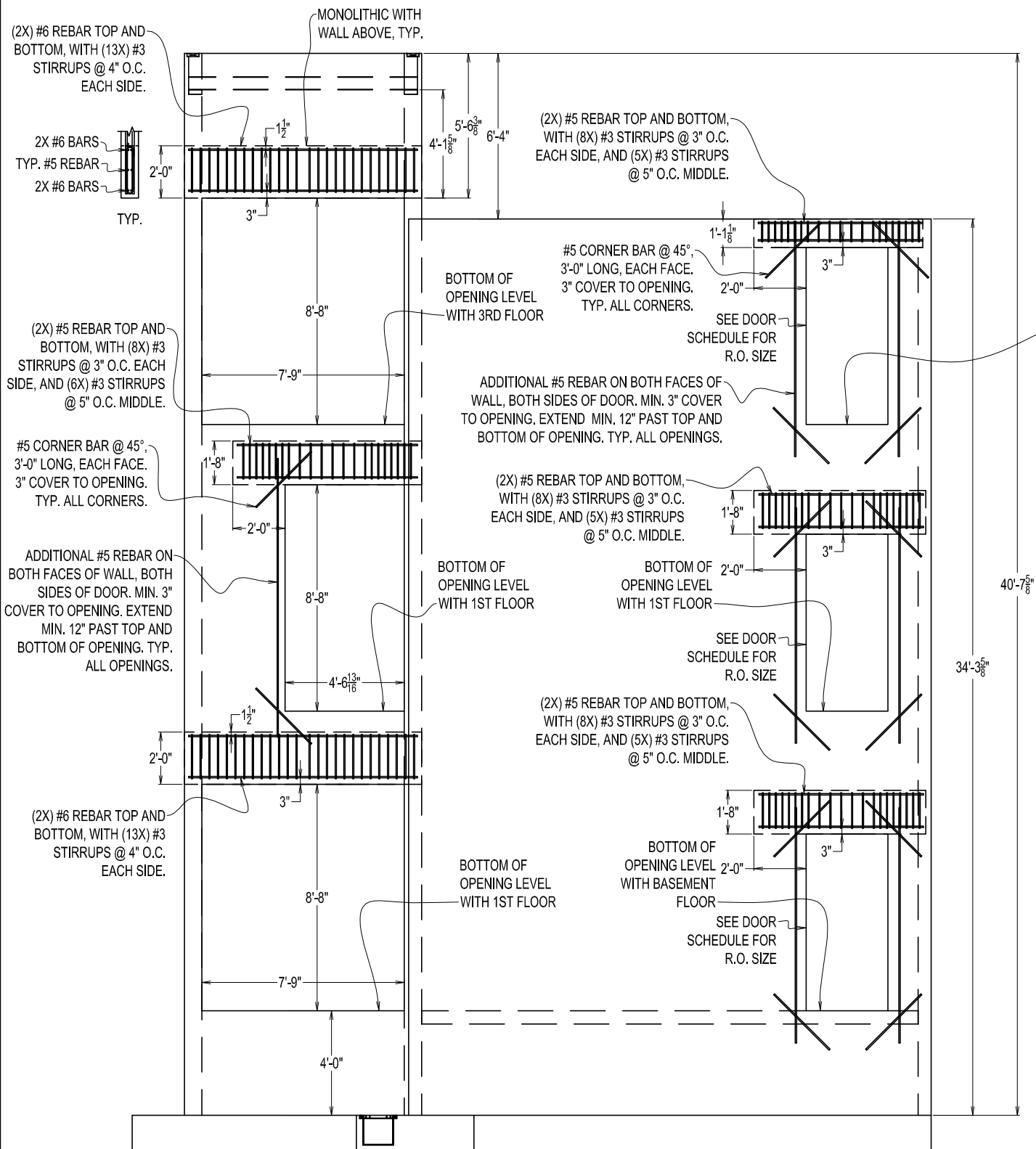
SECTION N - ELEVATION VIEW OF SOUTH STAIRWELL
SCALE: 1/4 IN. = 1 FT.

FOR CONSTRUCTION
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PLAN VIEW OF NORTH STAIRWELL AND ELEVATOR SHAFT
SCALE: 3/8 IN. = 1 FT.

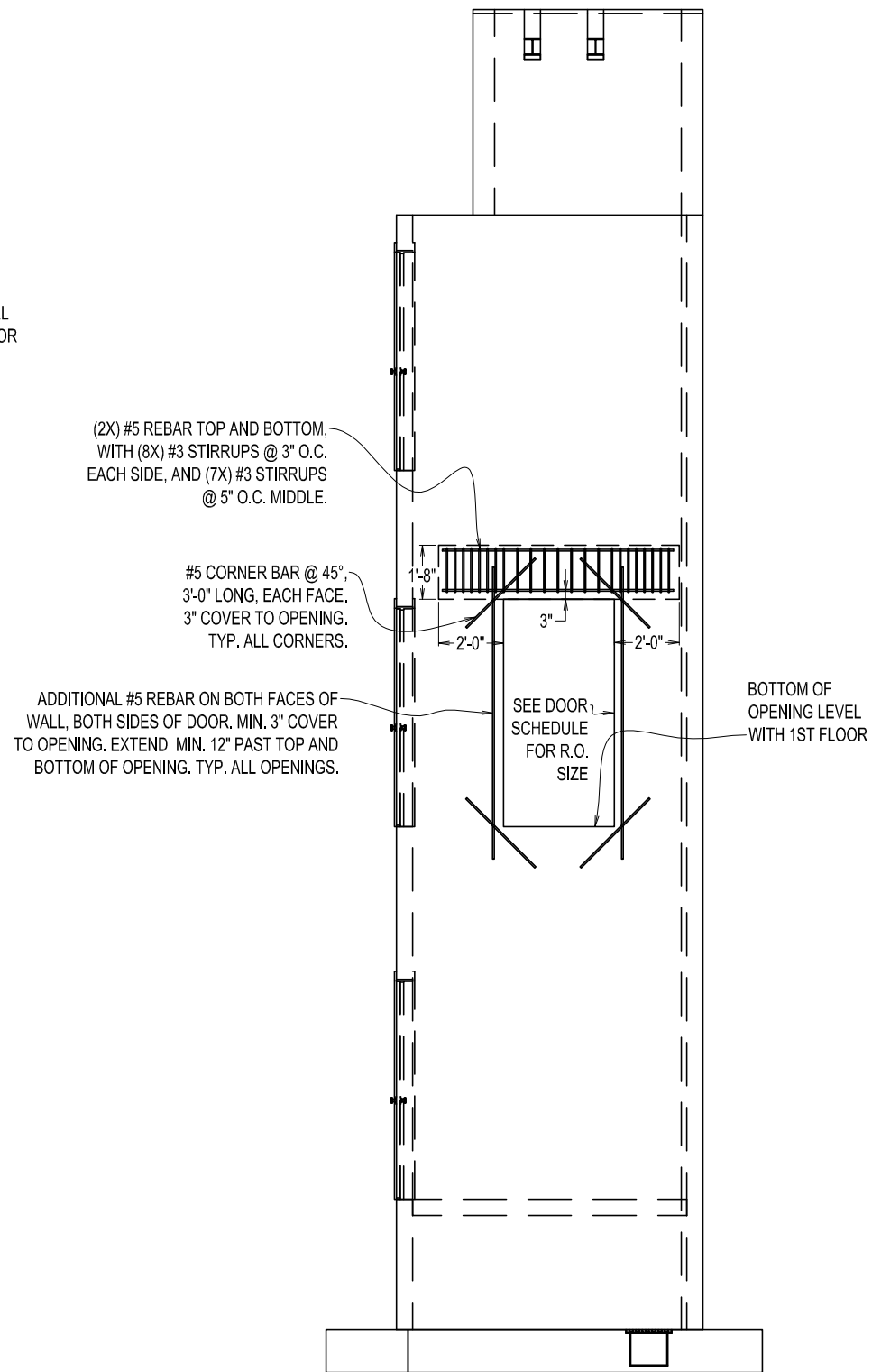
FOR CONSTRUCTION
REV OF



- NOTE:
1. OPENING REINFORCEMENT IS IN ADDITION TO TYPICAL WALL REINFORCEMENT.
 2. WRAP HEADER REINFORCEMENT AROUND CORNERS IF REQUIRED TO ACHIEVE 2'-0" OF REBAR EXTENSION BEYOND OPENING.
 3. VERIFY ELEVATOR DOOR OPENING WITH MANUFACTURER PRIOR TO CONSTRUCTION.

SECTION O - ELEVATION VIEW OF NORTH STAIRWELL
SCALE: 3/16 IN. = 1 FT.

BOTTOM OF
OPENING LEVEL
WITH 2ND FLOOR



- NOTE:
1. OPENING REINFORCEMENT IS IN ADDITION TO TYPICAL WALL REINFORCEMENT.
 2. WRAP HEADER REINFORCEMENT AROUND CORNERS IF REQUIRED TO ACHIEVE 2'-0" OF REBAR EXTENSION BEYOND OPENING.
 3. VERIFY ELEVATOR DOOR OPENING WITH MANUFACTURER PRIOR TO CONSTRUCTION.

SECTION P - ELEVATION VIEW OF NORTH STAIRWELL
SCALE: 3/16 IN. = 1 FT.



DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S34

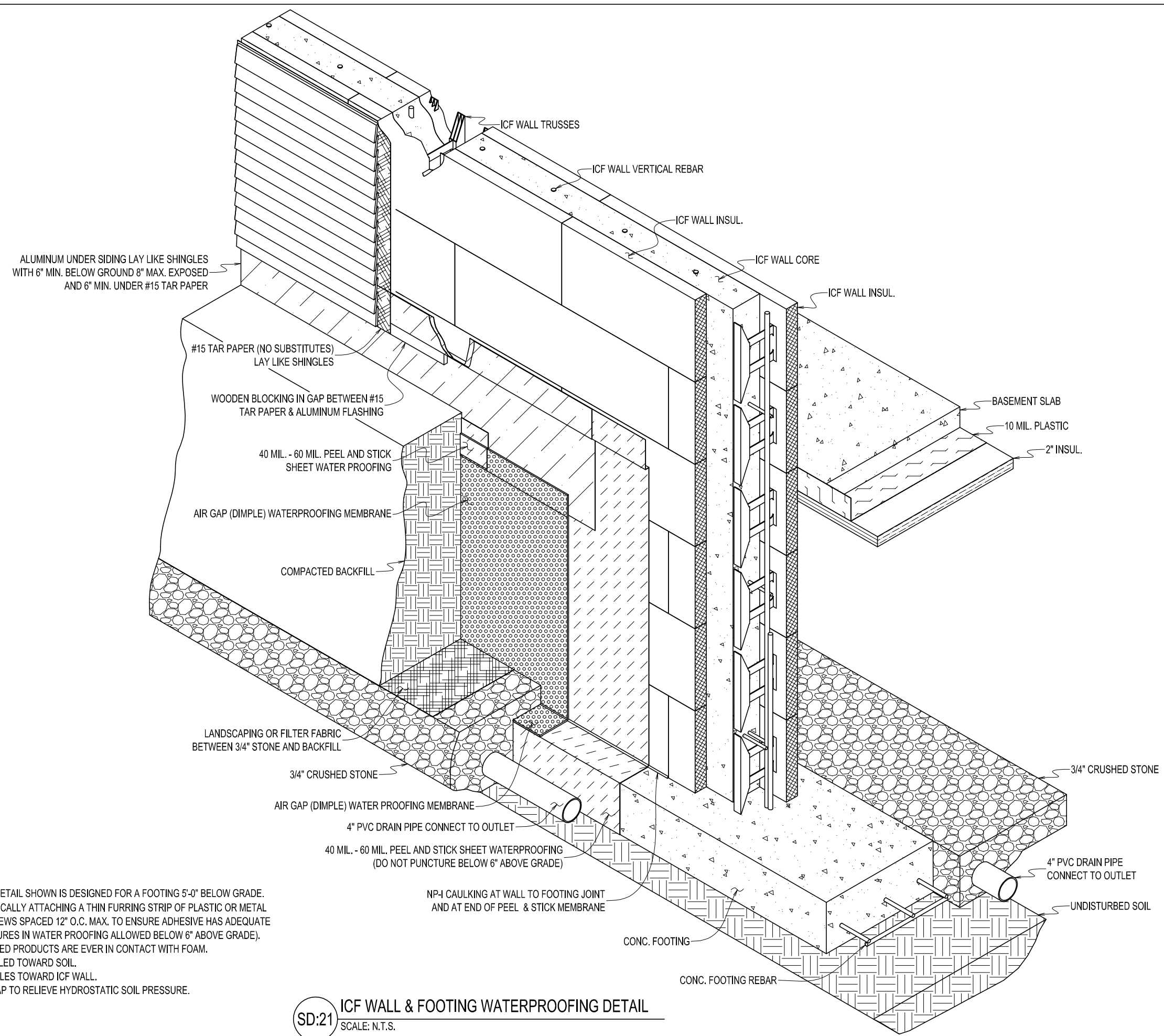
DETAIL SD:19 - CONCRETE CORNER REINFORCEMENT

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NOTES:

- 1.) BELOW GROUND WATERPROOFING IN DETAIL SHOWN IS DESIGNED FOR A FOOTING 5'-0" BELOW GRADE.
- 2.) INSTALL WATERPROOFING BY MECHANICALLY ATTACHING A THIN FURRING STRIP OF PLASTIC OR METAL 6"-12" ABOVE GRADE OR USE BASKET SCREWS SPACED 12" O.C. MAX. TO ENSURE ADHESIVE HAS ADEQUATE TIME TO BOND WITH ICF WALL (NO PUNCTURES IN WATER PROOFING ALLOWED BELOW 6" ABOVE GRADE).
- 3.) ENSURE NO PETROLEUM SOLVENT BASED PRODUCTS ARE EVER IN CONTACT WITH FOAM.
- 4.) ANY FILTER FABRIC SHOULD BE INSTALLED TOWARD SOIL.
- 5.) INSTALL DIMPLE MEMBRANE WITH DIMPLES TOWARD ICF WALL.
- 6.) PROVIDE A DRAINAGE PLAN AND AIR GAP TO RELIEVE HYDROSTATIC SOIL PRESSURE.

SD:21 ICF WALL & FOOTING WATERPROOFING DETAIL
SCALE: N.T.S.

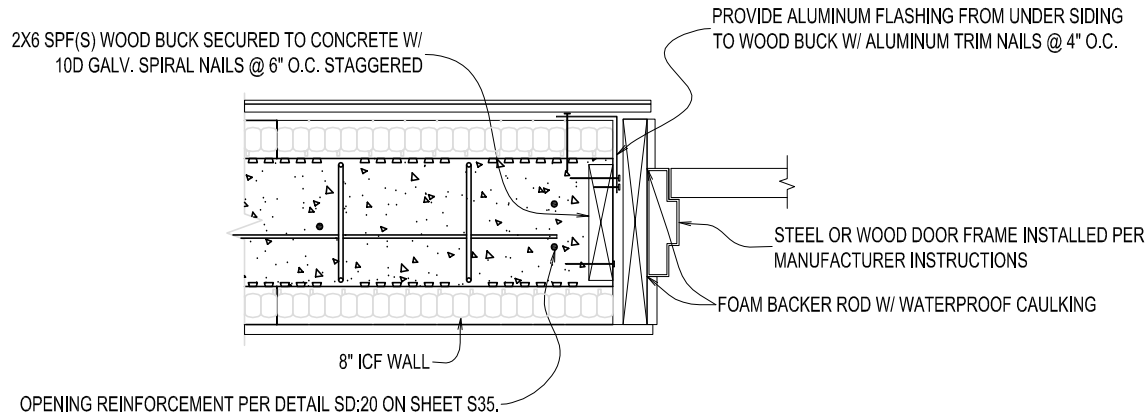
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DETAIL SD:21 - ICF WALL & FOOTING WATERPROOFING DETAIL

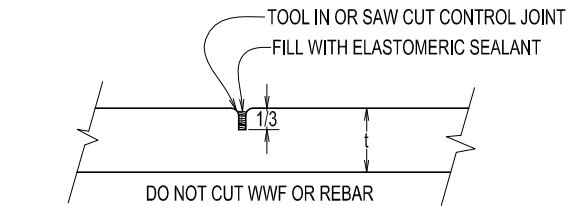
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DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.
JOB NO: 26001S
S36

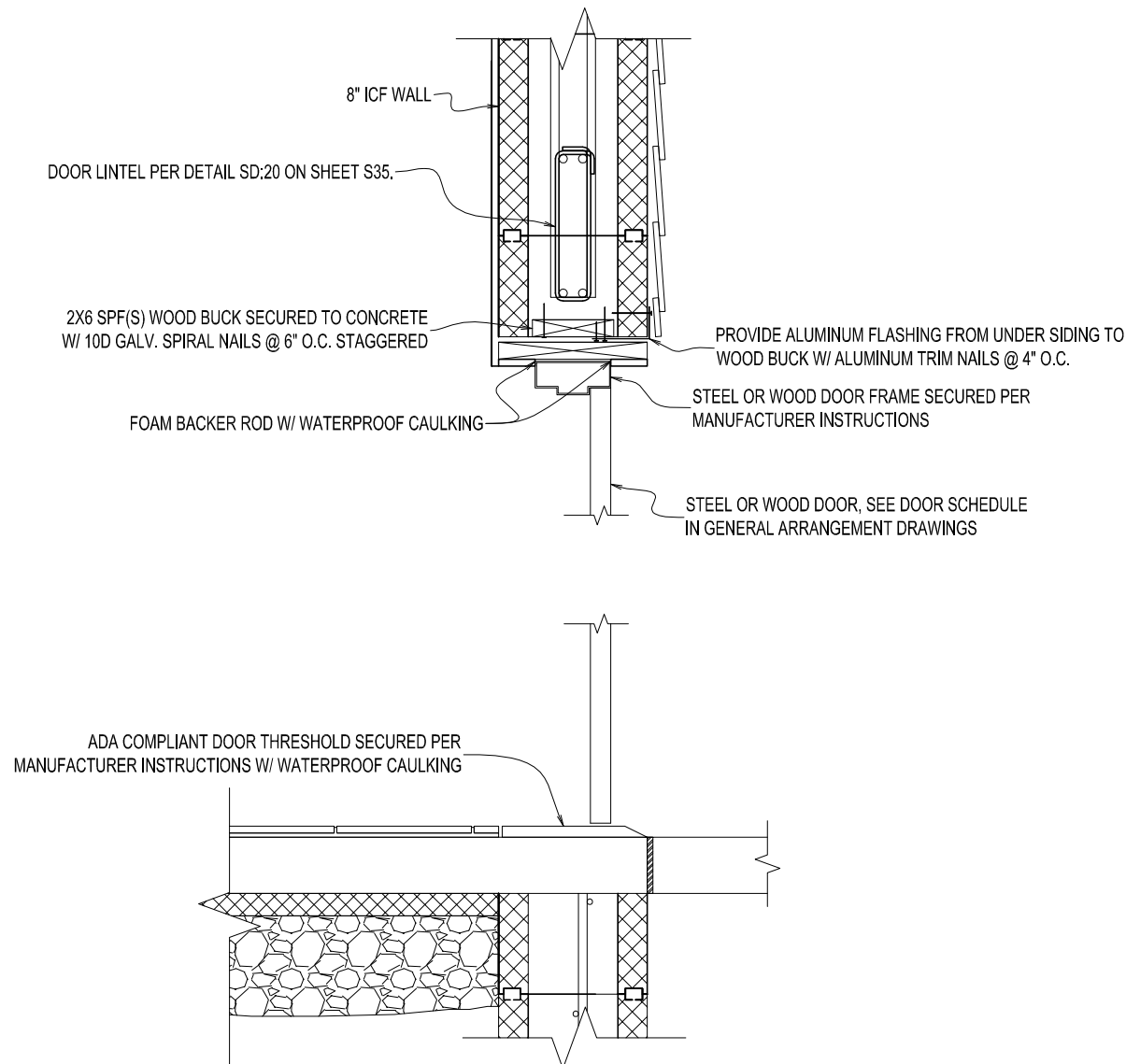
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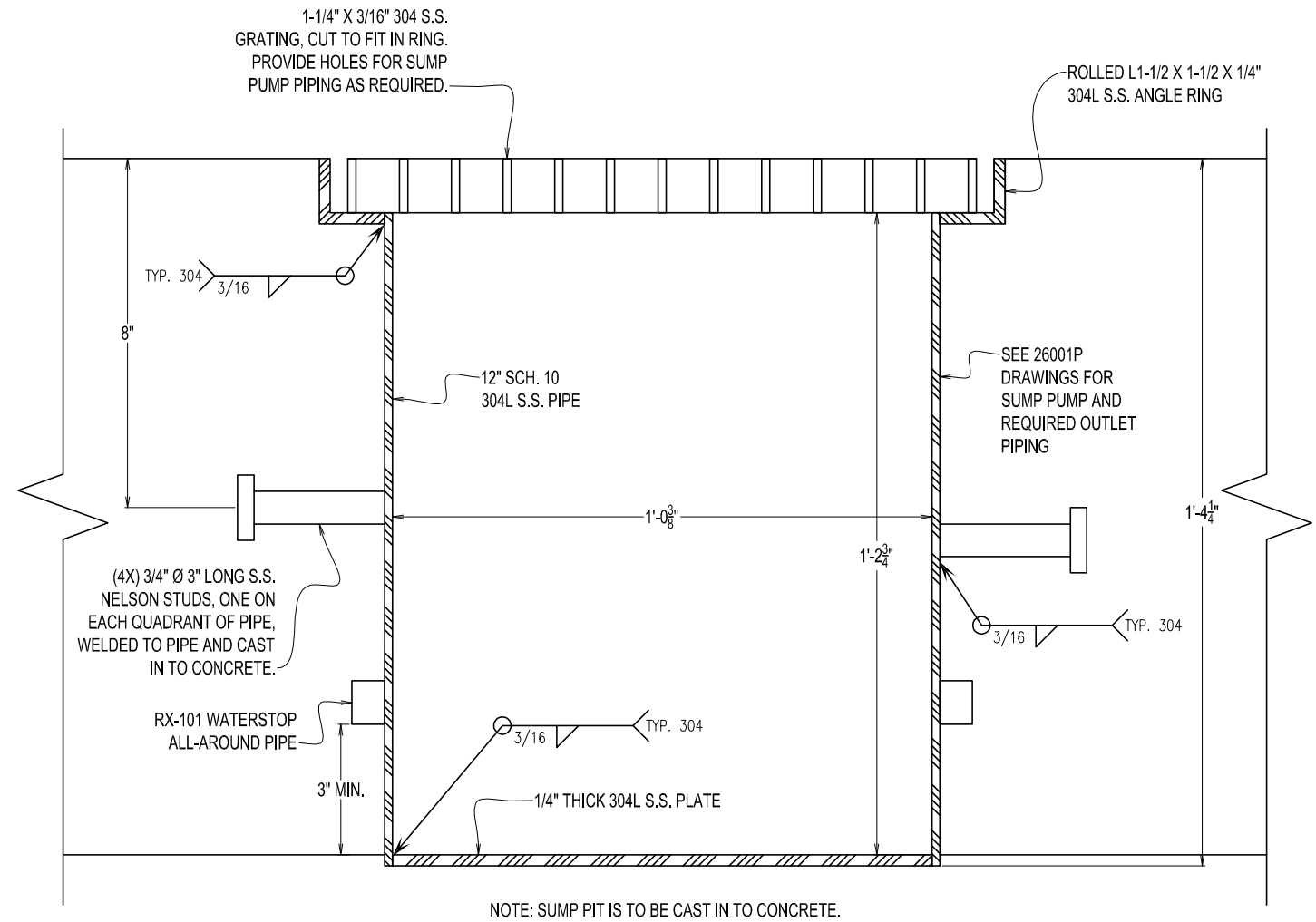
SD:22A DOOR JAM DETAIL
SCALE: N.T.S.



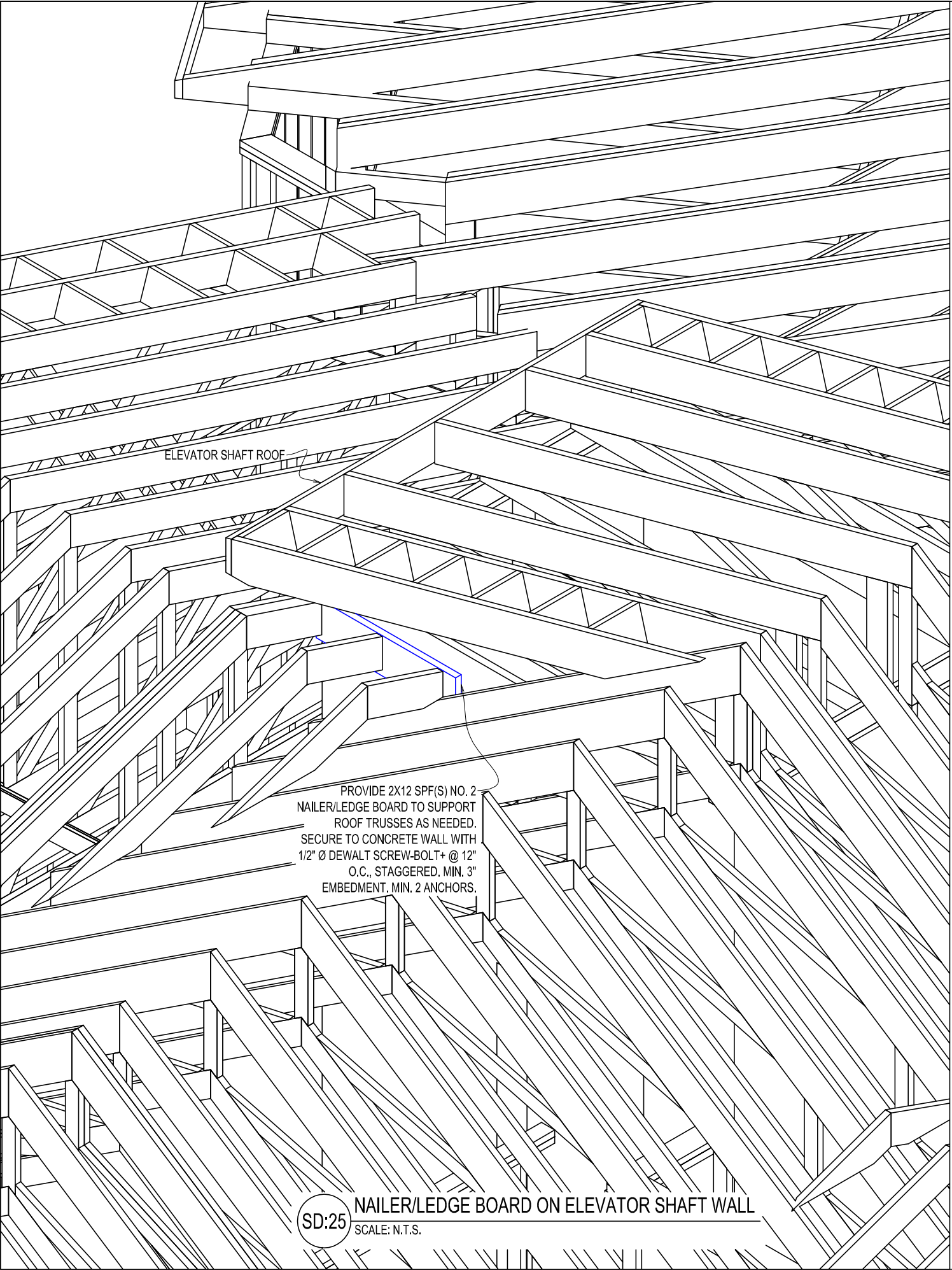
SD:23 CONCRETE CONTROL JOINT
SCALE: N.T.S. MAXIMUM SPACING 12' O.C.

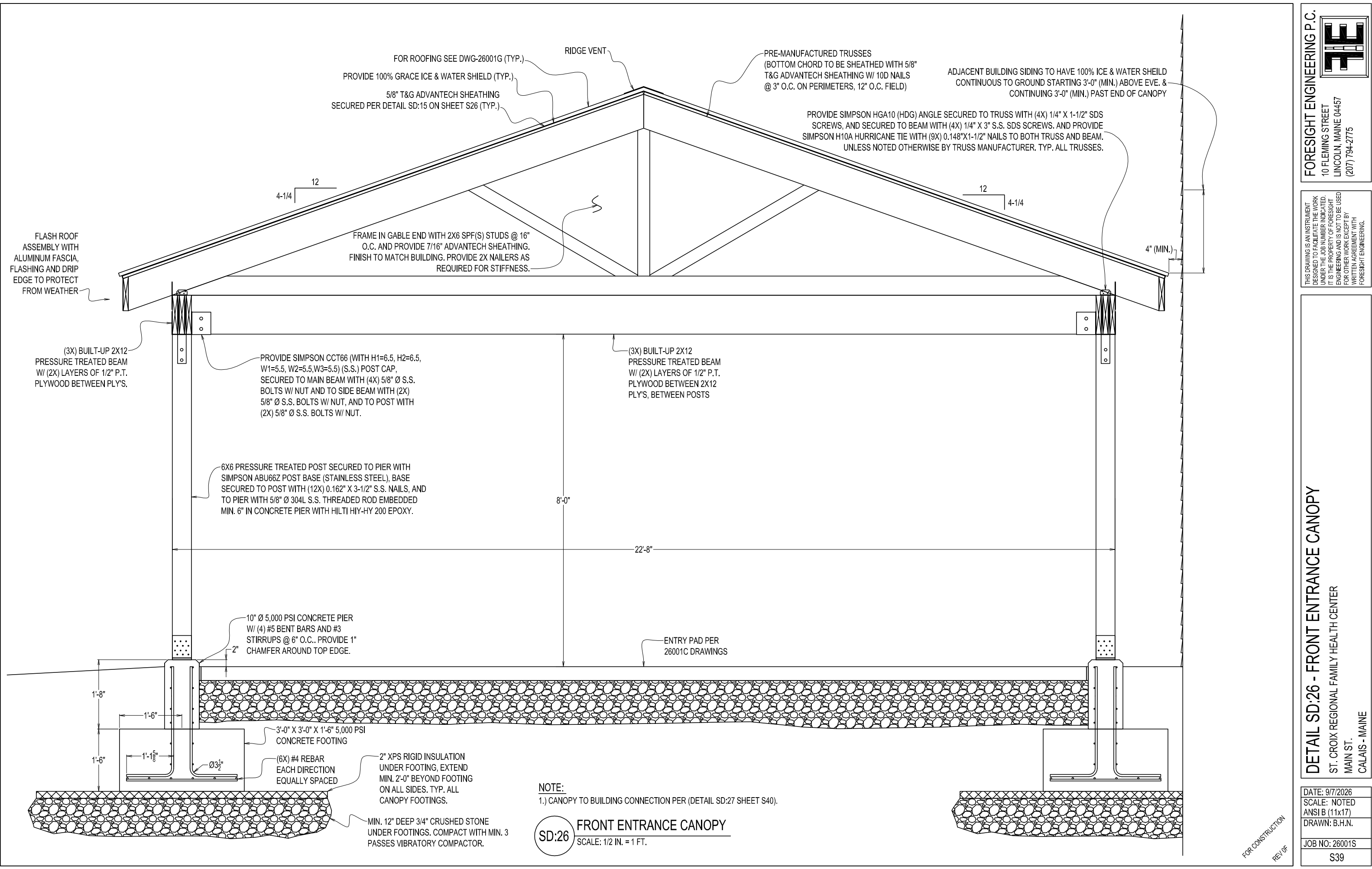


SD:22B DOOR HEAD/SILL DETAIL
SCALE: N.T.S.



SD:24 SUMP PIT DETAIL
SCALE: N.T.S.





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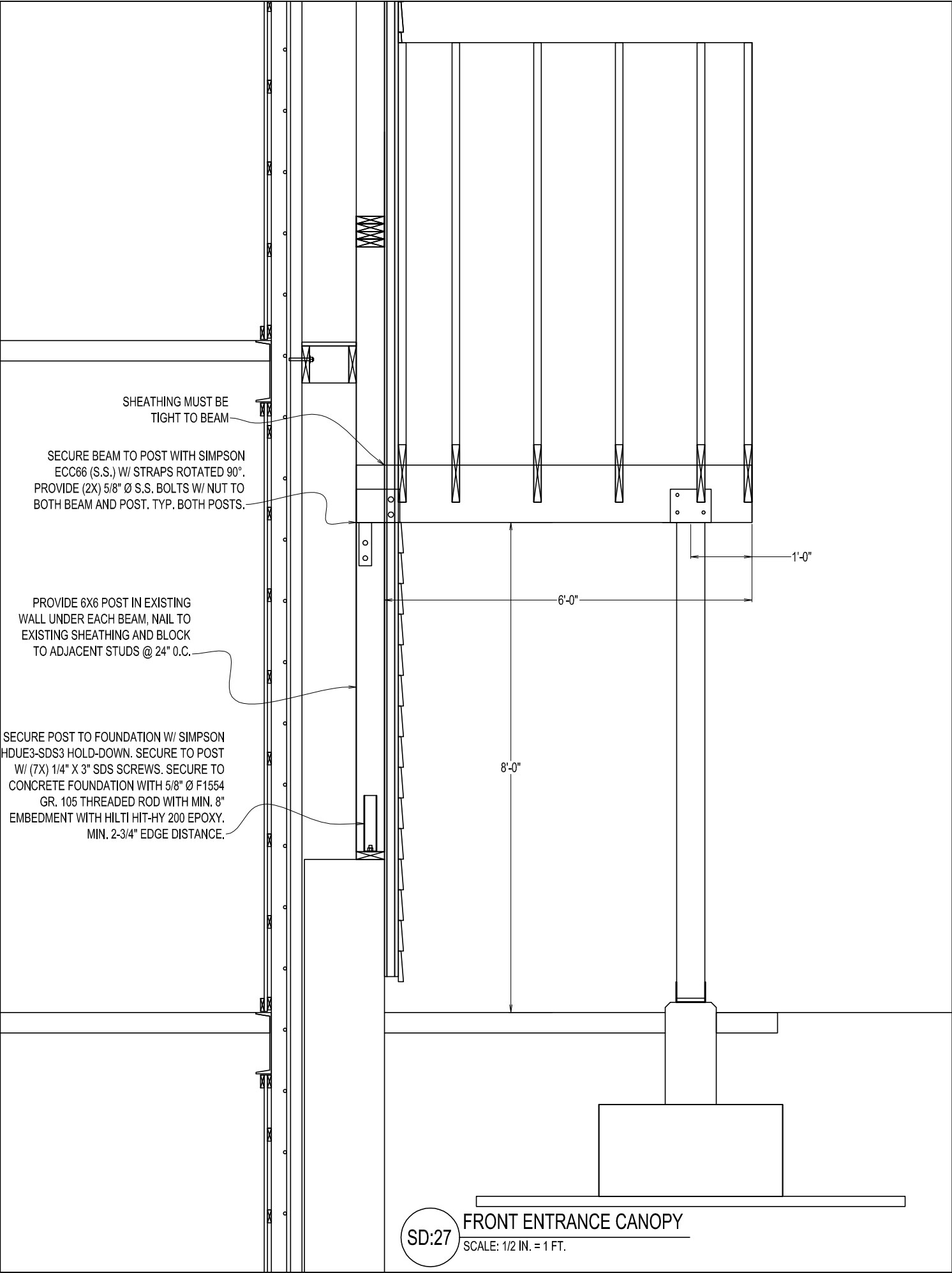
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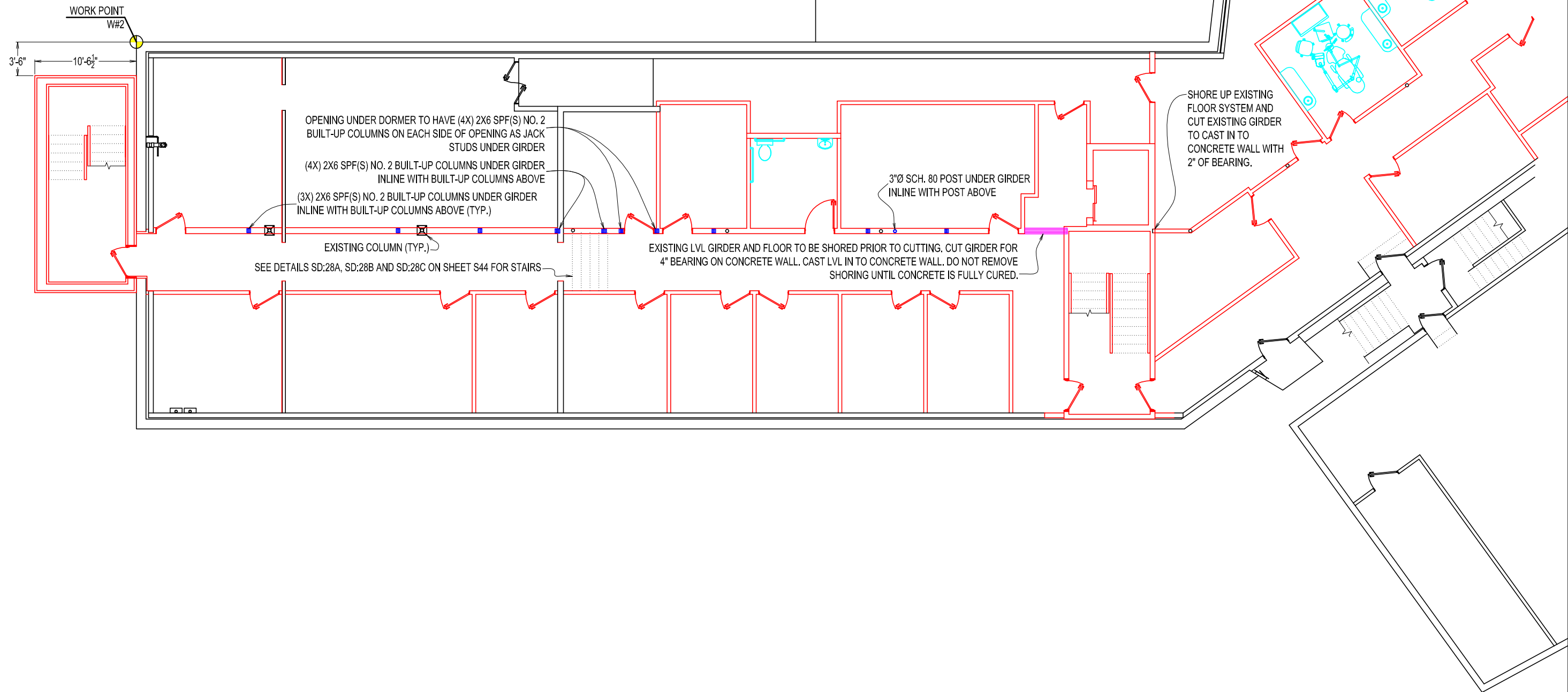
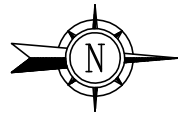
DETAIL SD:26 - FRONT ENTRANCE CANOPY
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MAIN ST.
CALAIS - MAINE

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S39

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REV OF





NOTE:
1. IF COMPLETE BEAM SPLICES IN EXISTING GIRDERS OCCUR OVER POSTS TO BE REMOVED, CONTACT ENGINEER PRIOR TO REMOVAL.
2. FLOOR SYSTEM SHALL BE SHORED PRIOR TO CUTTING ANY EXISTING GIRDERS OR JOISTS. SHORING SHALL NOT BE REMOVED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS COMPLETE.

PLAN VIEW OF BASEMENT (MAIN WING)
SCALE: 3/32 IN. = 1 FT.

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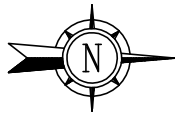
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PLAN VIEW OF BASEMENT (MAIN WING)
ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S42

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PROVIDE BLOCKING AROUND OPENING AND PROVIDE SHEATHING OVER OPENING TO MATCH EXISTING FLOOR SHEATHING.

PROVIDE (3X) BUILT UP STUDS EACH SIDE OF OPENING

(3X) 2X6 SPF(S) NO. 2 BUILT-UP COLUMNS UNDER GIRDER IN LINE WITH DORMER WALLS ABOVE (TYP.)

PROVIDE POCKET FOR HEADER IN CONCRETE WALL. PROVIDE MIN. 4-1/2" POCKET DEPTH. GROUT HEADER IN PLACE WITH 5KSI NON-SHRINK GROUT ONCE INSTALLED.

SEE DETAILS SD:32 AND SD:33 ON SHEET S49 FOR HEADER

SEE DETAILS SD:29A THROUGH SD:29F ON SHEETS S45 AND S46 FOR STAIRS

SHORE UP EXISTING FLOOR SYSTEM AND CUT EXISTING GIRDER TO CAST IN TO CONCRETE WALL WITH 2" OF BEARING.

TO REPAIR HOLE IN FLOOR, REMOVE EXISTING MODIFIED FLOOR TRUSSES AND REPLACE WITH FULL LENGTH 16" FLOOR TRUSSES @ 24" O.C. NAIL TO WALL AND EXISTING LVL GIRDER, EACH END, WITH MIN. (4X) 16D NAILS EACH. TRUSS TO MATCH EXISTING. REUSE TRUSS FROM ELEVATOR LOCATION IF LENGTH MATCHES. PATCH WITH SHEATHING TO MATCH EXISTING THICKNESS. ENSURE SHEATHING IS SUPPORTED ON ALL EDGES, PROVIDE BLOCKING AS REQUIRED. ALTERNATIVELY, OPENING MAY BE FILLED IN WITH 2X12 SPF(S) NO. 2 JOISTS @ 8" O.C., HARD SHIM TO ENSURE FULL CONTACT WITH FLOOR SHEATHING AND END SUPPORTS. SECURE FLOOR JOISTS TO EXISTING BUILT-UP LVL AND WALL WITH MIN. (2X) 16D NAILS PER CONNECTION. REGARDLESS OF JOIST CHOICE, THE SHEATHING ABOVE IS TO BE NAILED TO THE SUPPORTING MEMBERS PER DETAIL SD:14 ON SHEET S26.

PROVIDE (2X) 3.5" X 11.25" BUILT-UP PWLVL HEADER OVER DOORWAY AND UNDER EXISTING POST. TEMPORARILY SHORE FLOOR TO CUT POST AND INSTALL HEADER. PROVIDE (3X) 2X6 SPF(S) NO. 2 JACK STUDS AND (1X) 2X6 SPF(S) NO. 2 KING STUD EACH SIDE OF HEADER. SECURE CUT POST TO HEADER W/ (2X) SIMPSON GA2 ANGLES (1 EACH SIDE OF POST). SECURE WITH (6X) #9 X 3" SD SCREWS PER ANGLE. SECURE HEADER TO STUDS W/ MIN. (4X) 1/4" X 6" SDS SCREWS PER END. PROVIDE (4X) 2X6 SPF(S) NO. 2 BUILT-UP STUDS IN BASEMENT UNDER POSTS. ENSURE TO BLOCK BETWEEN WOOD TRUSSES. SEE DETAIL SD:34 ON SHEET S50.

PROVIDE W12X40 A992 GR. 50 STEEL HEADER W/ 3" SCH. 80 PIPE COLUMNS ON STUD WALL SIDE, CONTINUOUS TO BASEMENT. TEMPORARILY SHORE FLOOR TO CUT POST AND INSTALL HEADER. SEE DETAIL SD:31 ON SHEET S47.

NOTE: IF COMPLETE BEAM SPLICES IN EXISTING GIRDERS OCCUR OVER POSTS TO BE REMOVED, CONTACT ENGINEER PRIOR TO REMOVAL.

PLAN VIEW OF 1ST FLOOR (MAIN WING)

SCALE: 3/32 IN. = 1 FT.

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PLAN VIEW OF 1ST FLOOR (MAIN WING)

ST. CROIX REGIONAL FAMILY HEALTH CENTER

MAIN ST.

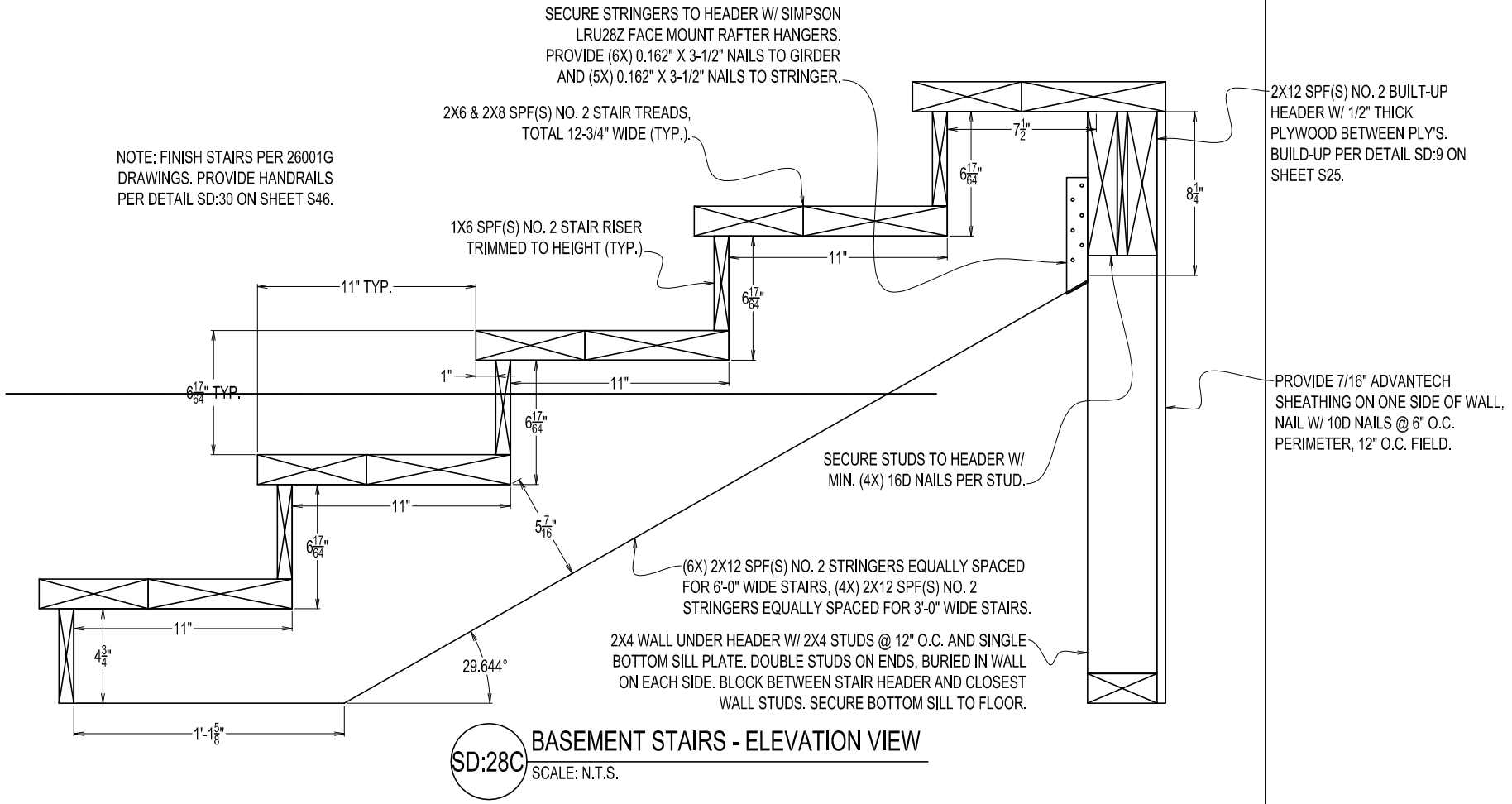
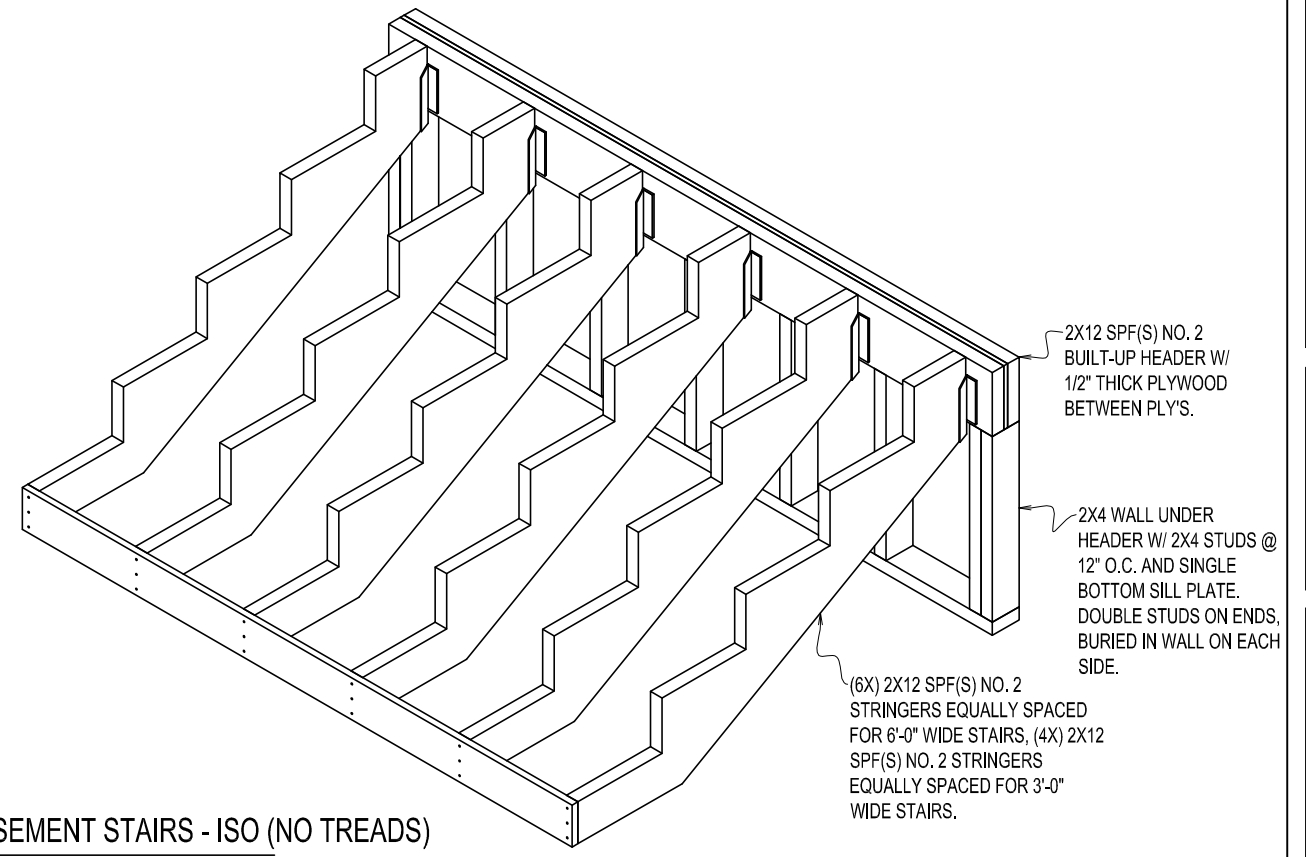
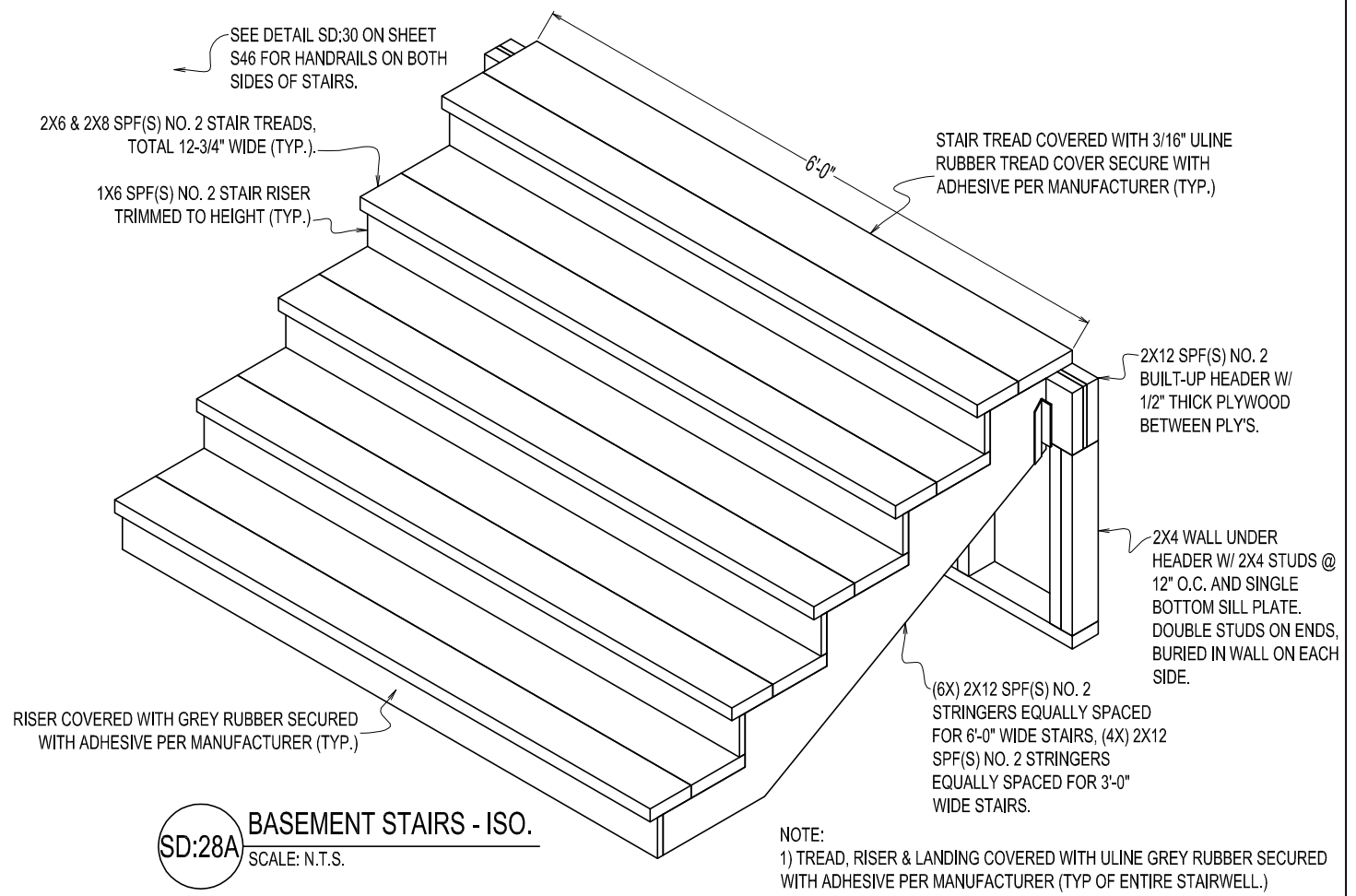
CALAIS - MAINE

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S

S43

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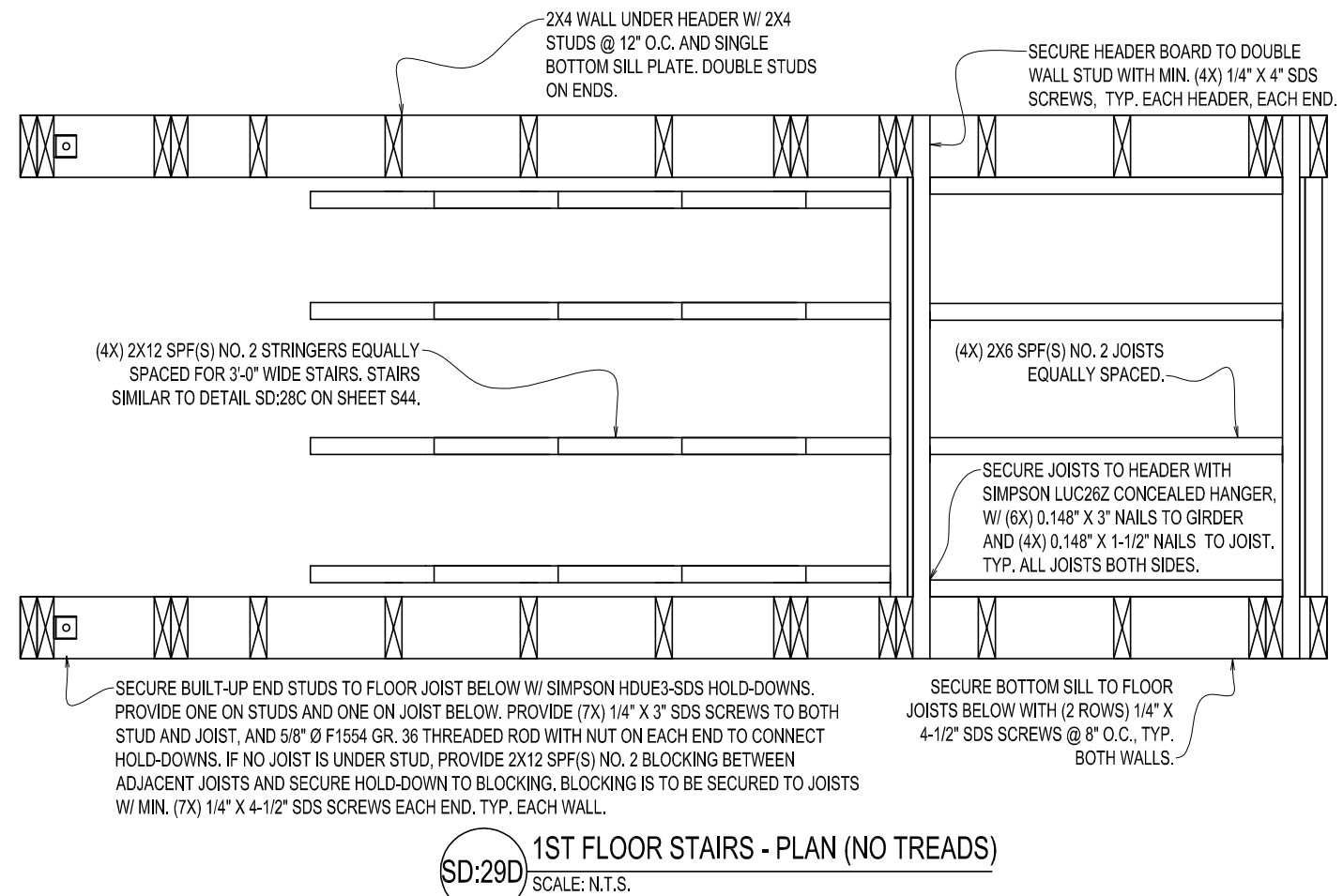
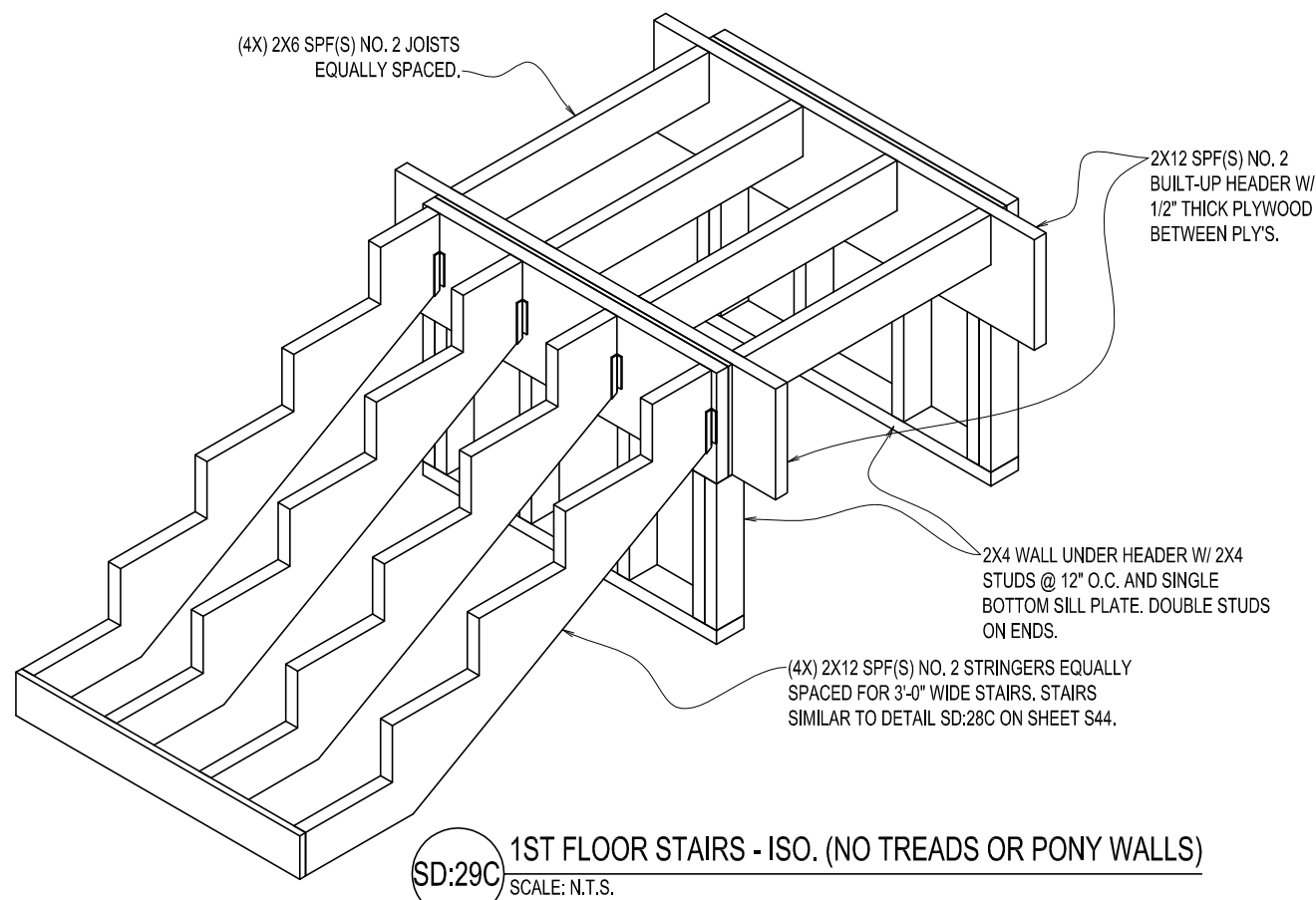
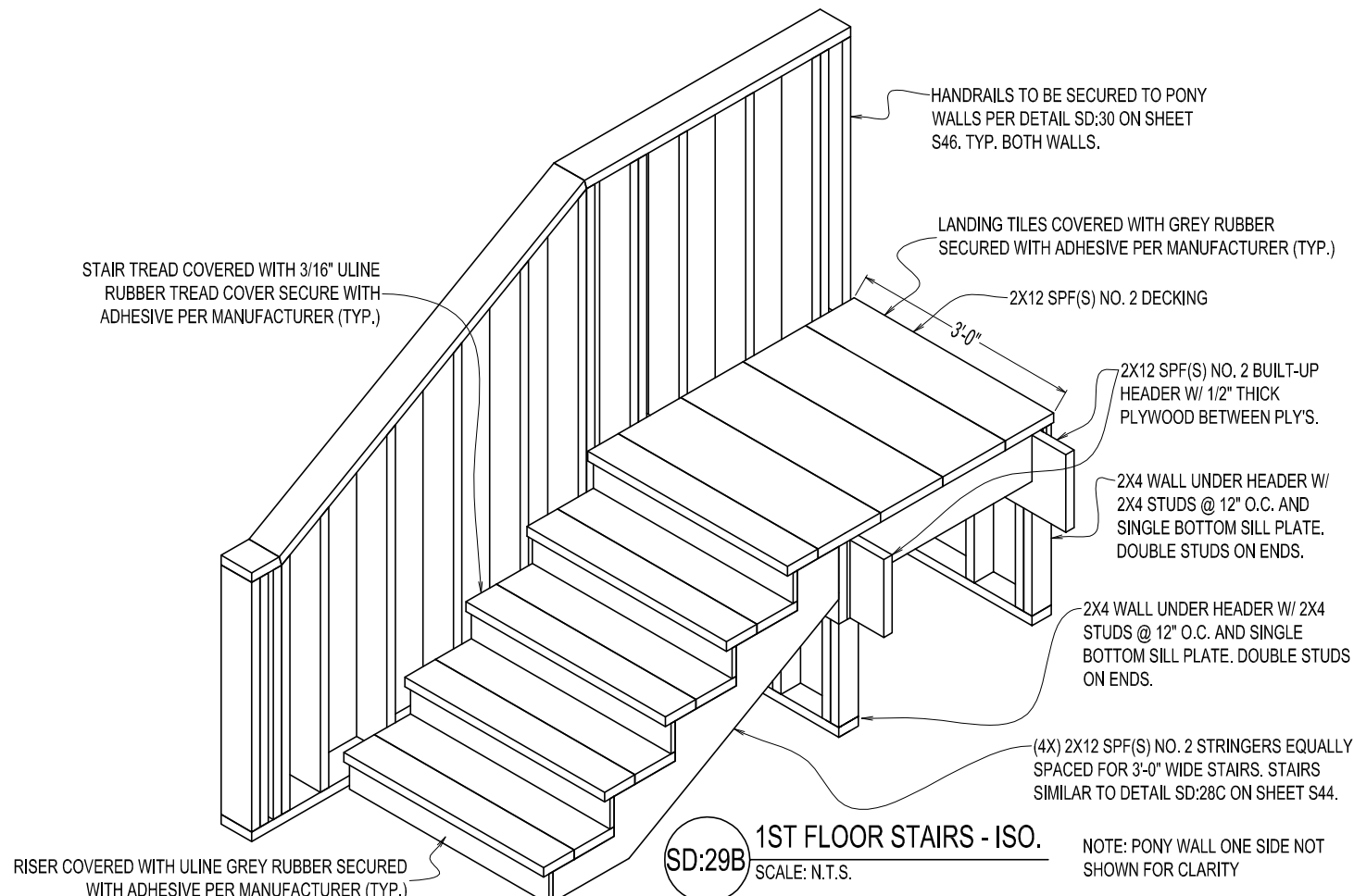
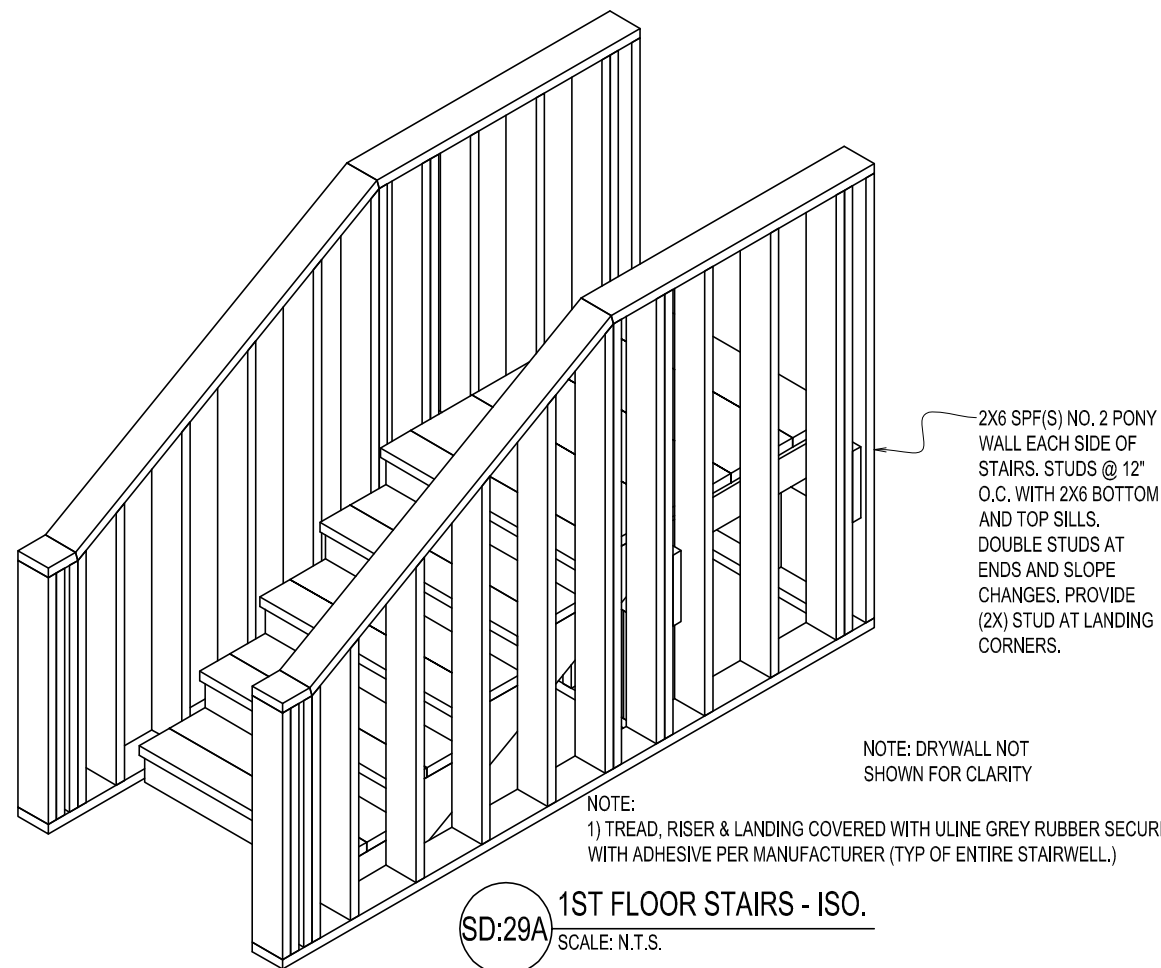
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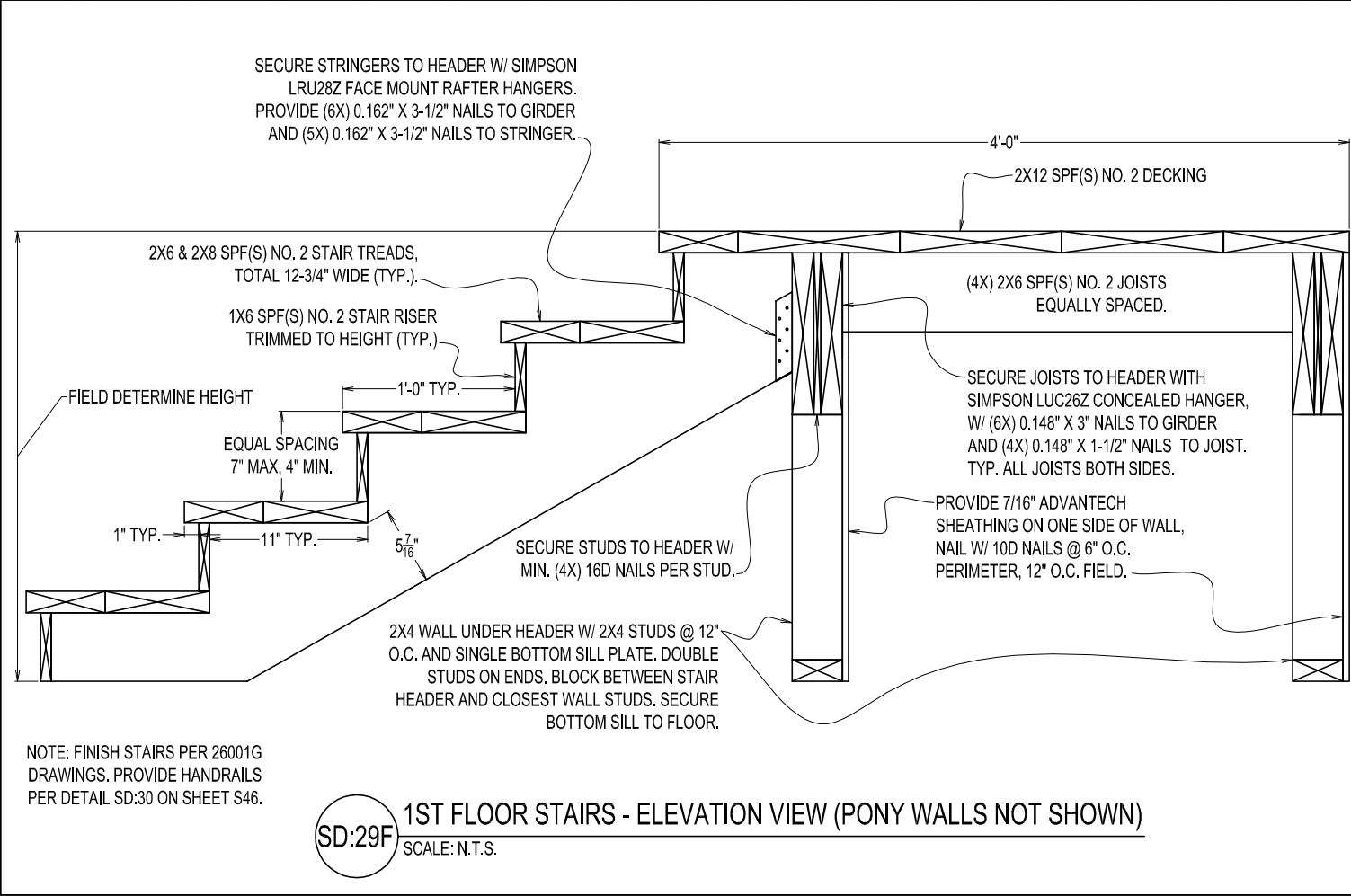
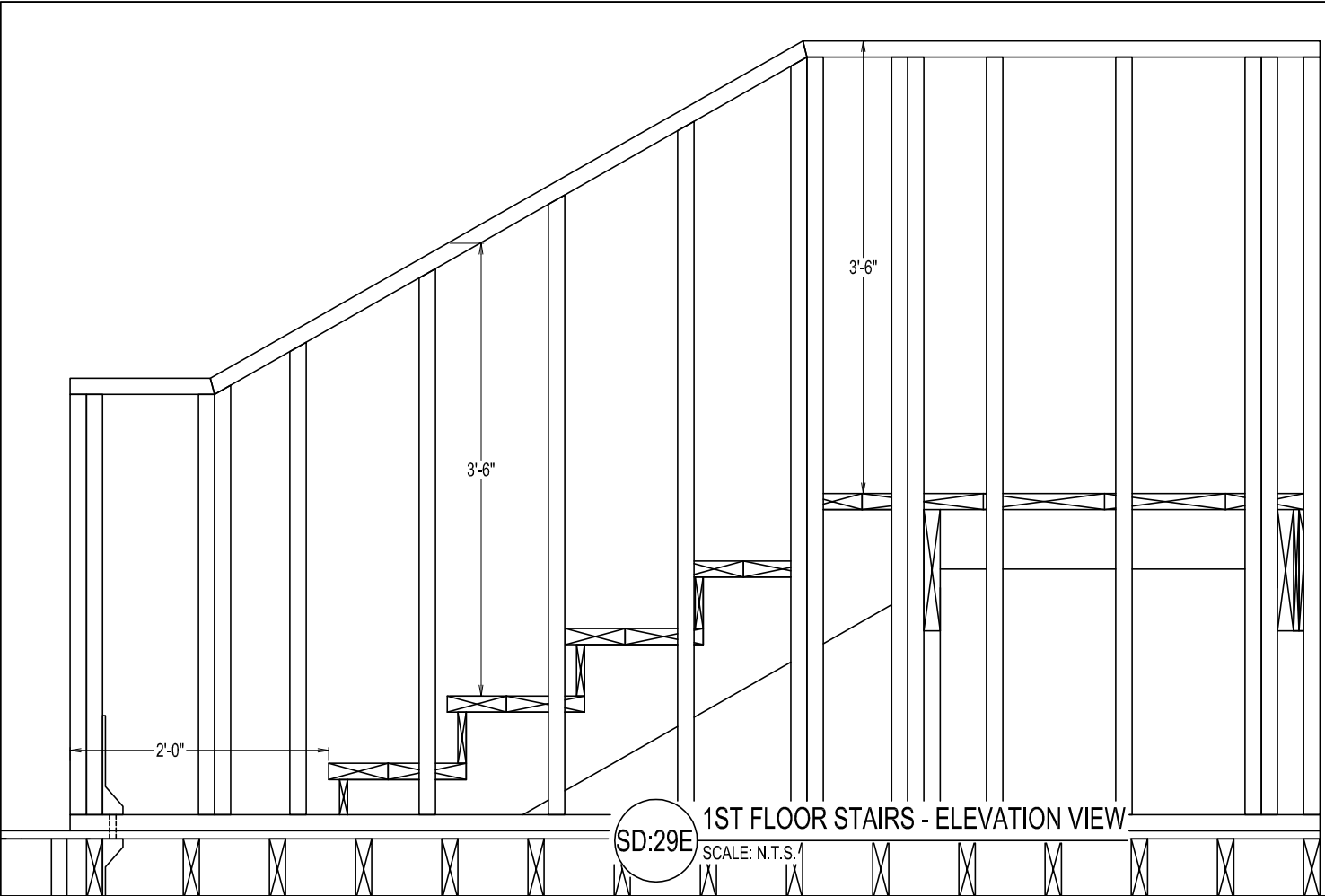
DETAILS SD:28A, SD:28B AND SD:28C
ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

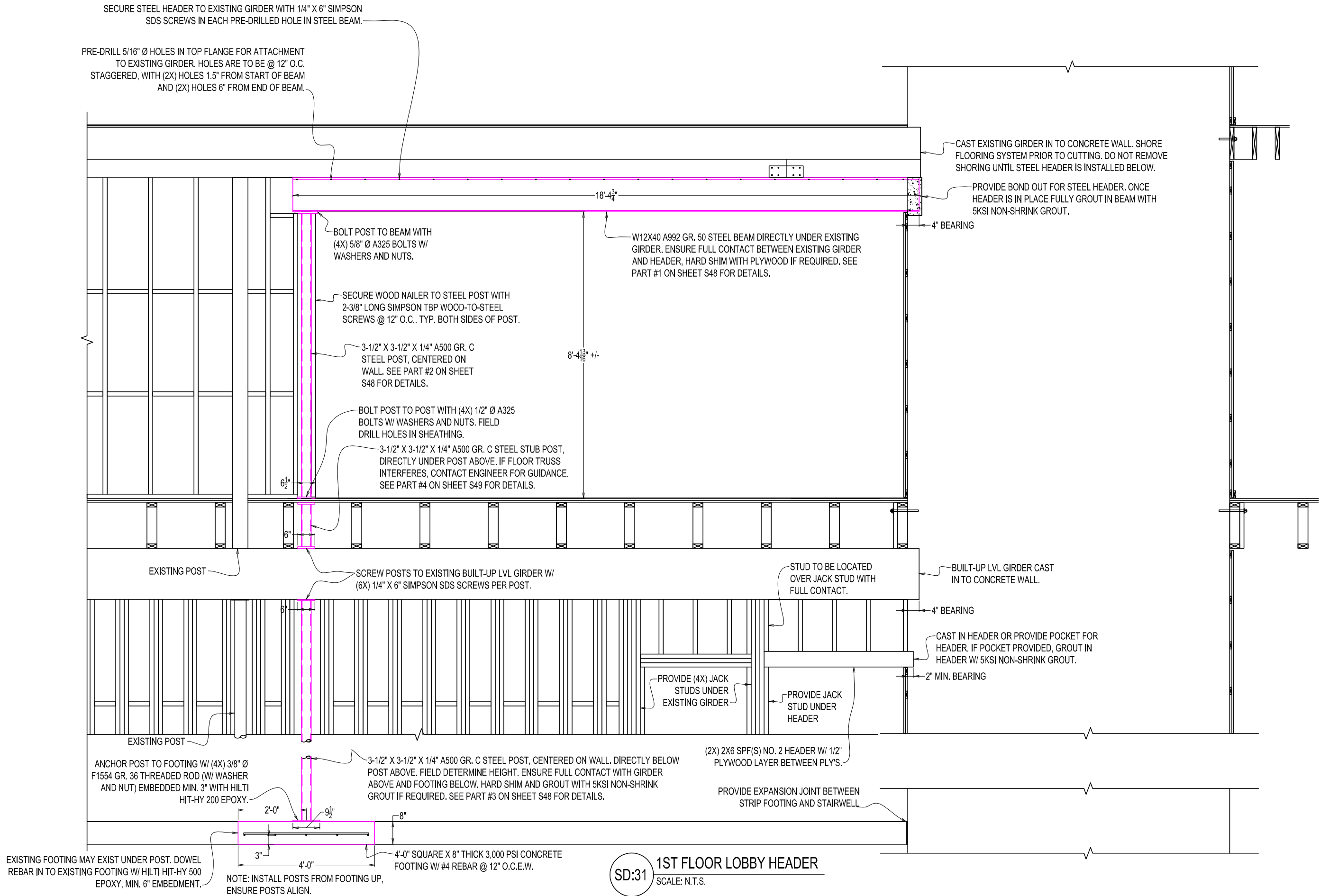
DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S44

FOR CONSTRUCTION
REV OF

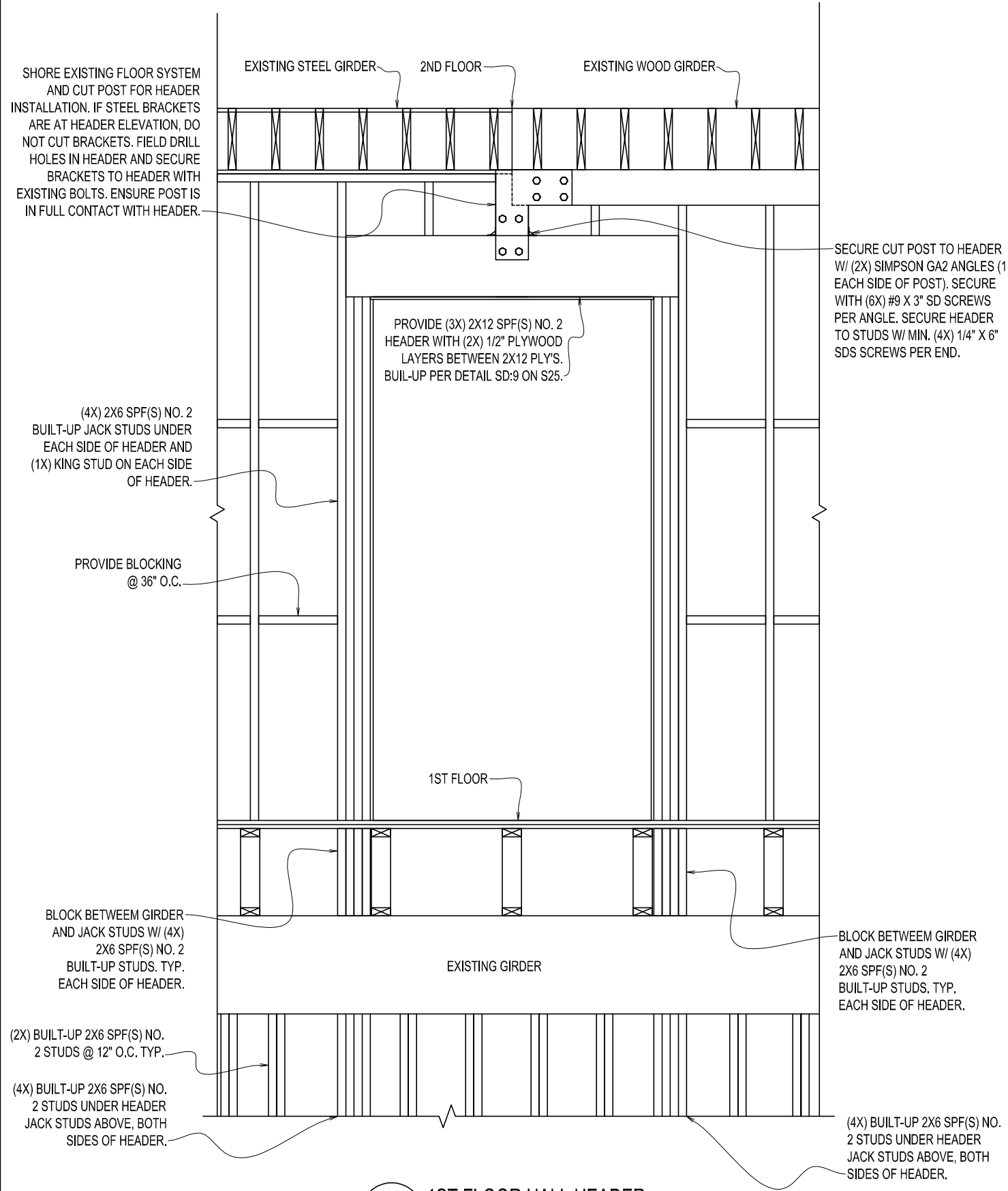






SD:31 1ST FLOOR LOBBY HEADER
SCALE: N.T.S.

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SD:34 1ST FLOOR HALL HEADER
SCALE: N.T.S.

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DETAIL SD:34 - 1ST FLOOR HALL HEADER

ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
S50

FOR CONSTRUCTION
REV OF

LANDINGS TO BE SECURED TO
CONCRETE WALLS WITH
POST-INSTALLED CONCRETE
ANCHORS ON 3 SIDES. (TYP.)

STEEL HANDRAILS ARE
REQUIRED ON BOTH
SIDES OF STAIRS

SEE 26001G
DRAWINGS FOR
THRESHOLD (TYP.)

4" CONCRETE LANDINGS
ON 1.5" 18 GA. METAL
DECK (TYP.) W/ #4 REBAR
@ 12" O.C.E.W (TYP.)

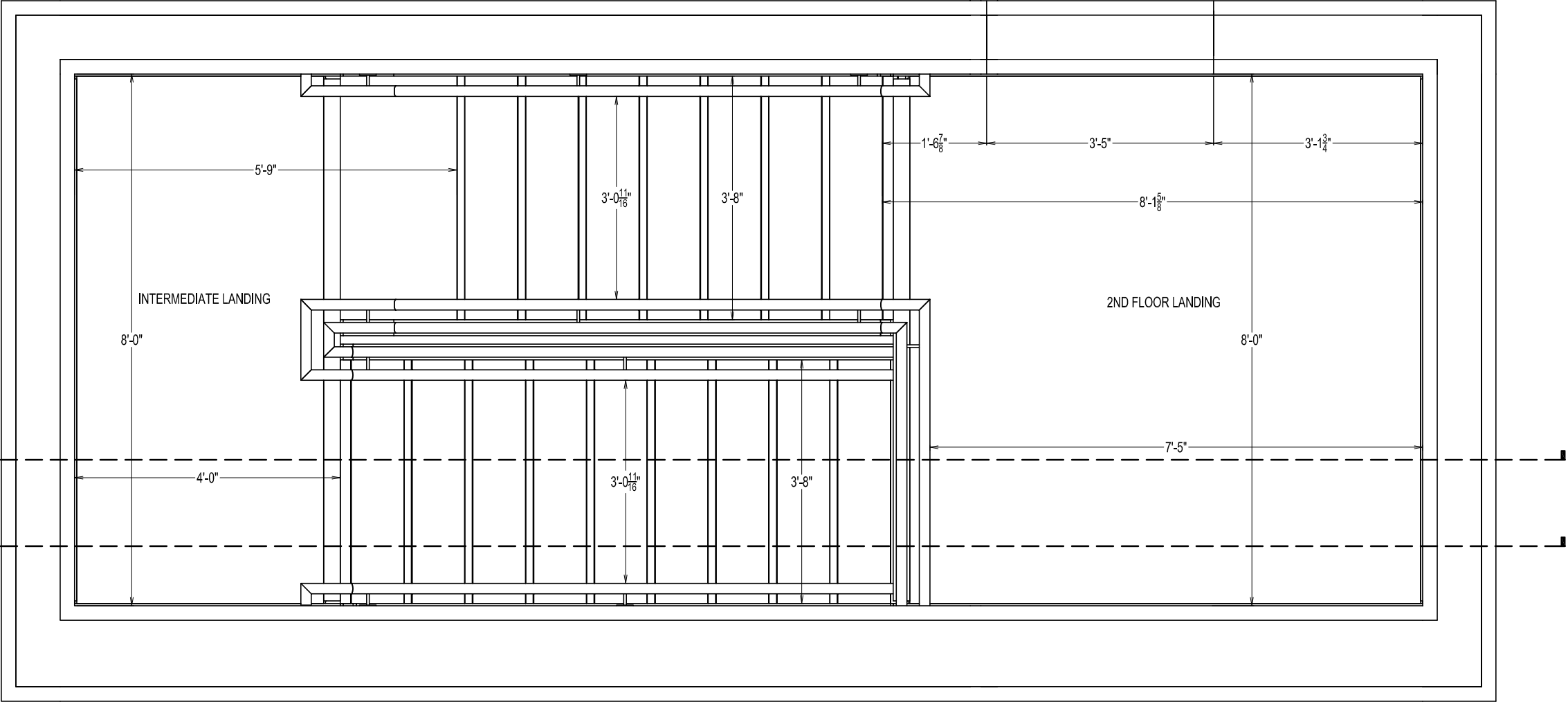
RIGID INSULATION IS TO BE TRIMMED
OUT FOR CHANNEL INSTALLATION AT
ALL LANDINGS AND STRINGERS.

WHERE NEW CONCRETE FLOOR IS AGAINST EXISTING SLAB AT
DOORWAYS; DOWEL TOGETHER WITH #4 REBAR 12" LONG AT 12"
O.C. SECURE WITH HILTI HY-200

NOTE:
1. STAIRS ARE TO BE FINISHED PER 26001G DRAWINGS. ALL STEEL IS TO BE PAINTED.
2. SEE SHEET S53 FOR PLAN VIEW OF 2ND FLOOR LANDING AND INTERMEDIATE LANDING BELOW.
3. SEE SHEET S54 FOR PLAN VIEW OF 1ST FLOOR LANDING AND INTERMEDIATE LANDING BELOW.

NOTE:
1) TREAD, RISER & LANDING COVERED WITH ULINE GREY RUBBER SECURED
WITH ADHESIVE PER MANUFACTURER (TYP OF ENTIRE STAIRWELL.)

ISOMETRIC VIEW OF SOUTH STAIRCASE



PLAN VIEW OF SOUTH STAIRCASE (2ND FLOOR)
SCALE: 1/2 IN. = 1 FT.

FOR CONSTRUCTION
REV/OF

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

JOB NO: 26001S
SHEET 53

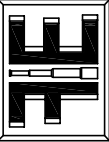
PLAN VIEW OF SOUTH STAIRCASE (2ND FLOOR)

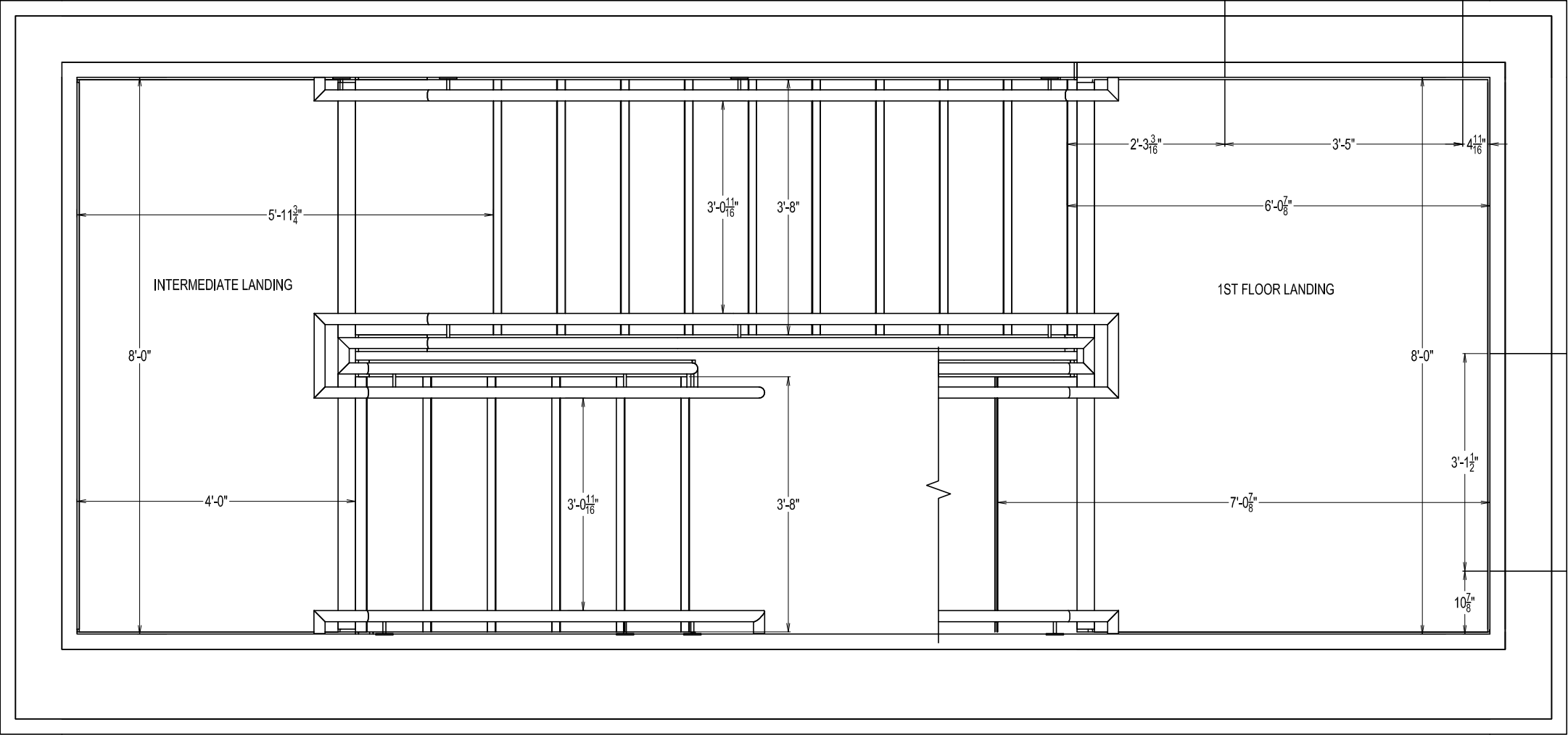
ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

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PLAN VIEW OF SOUTH STAIRCASE (1ST FLOOR)
SCALE: 1/2 IN. = 1 FT.

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REV OF

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.
JOB NO: 26001S
SHEET 54

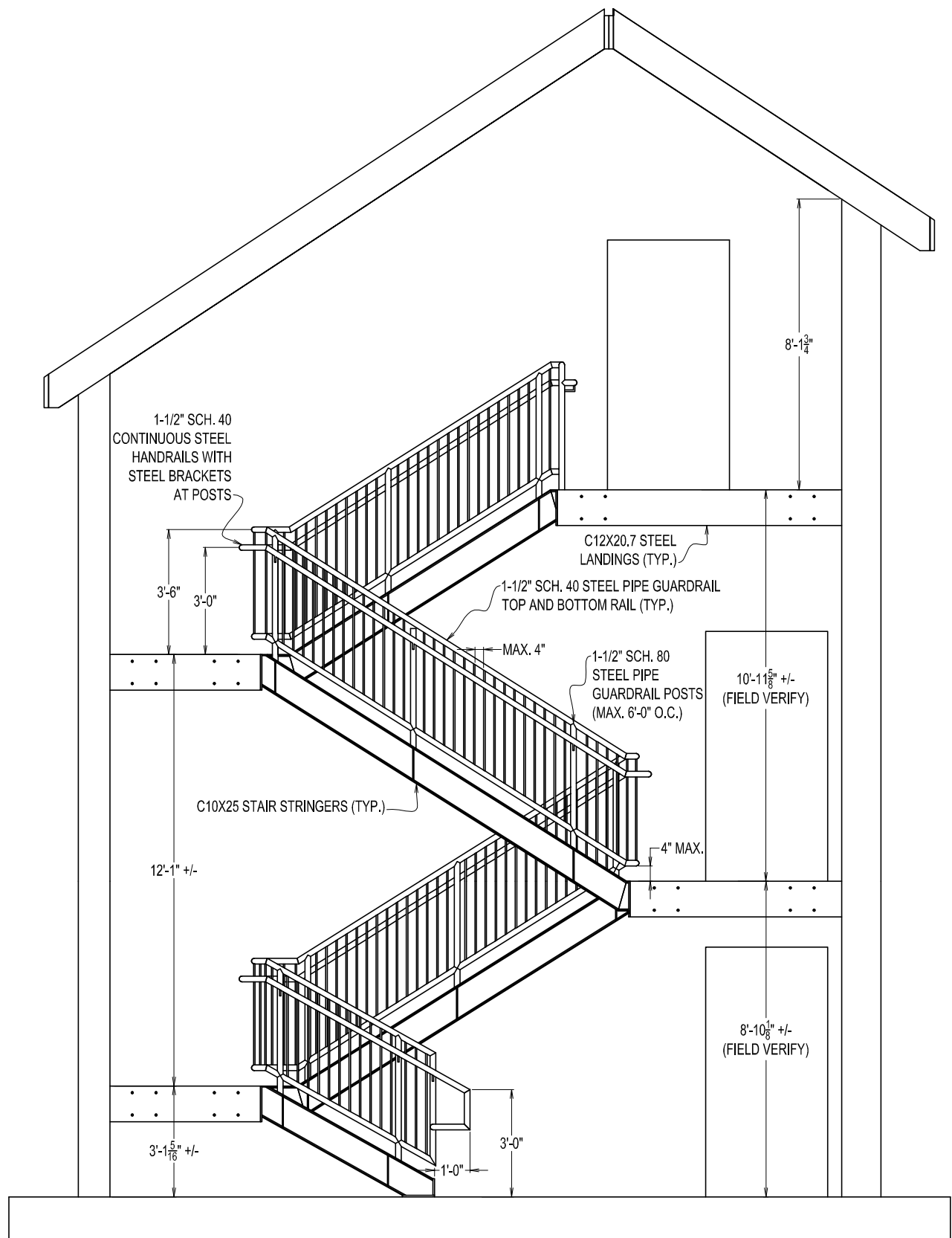
PLAN VIEW OF SOUTH STAIRCASE (1ST FLOOR)

ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
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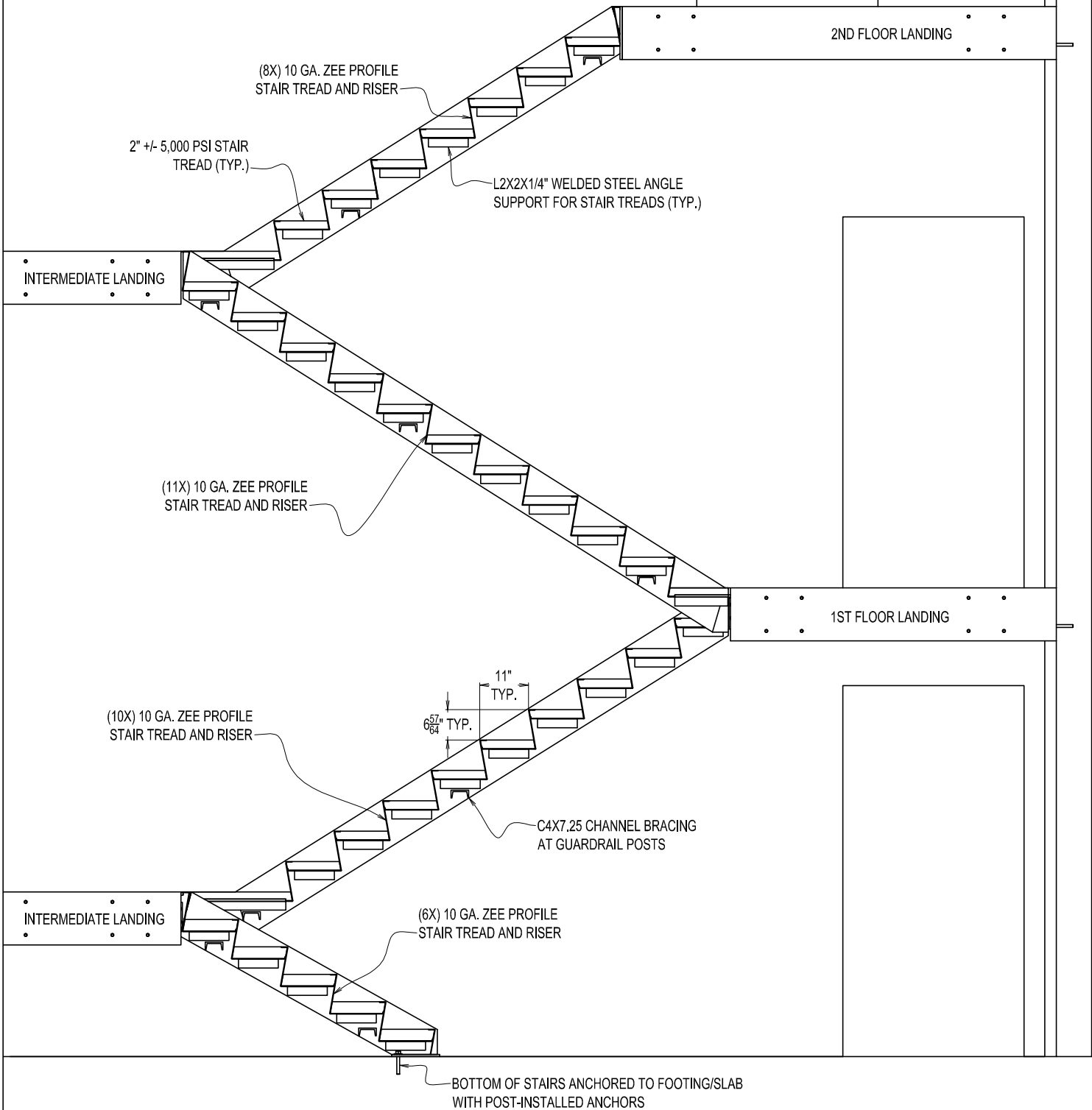
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NOTE: ELEVATIONS ARE TO BE FIELD VERIFIED AT LOCATION
PRIOR TO FABRICATION DRAWING COMPLETION.
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DRAWINGS AFTER ELEVATIONS ARE CONFIRMED.

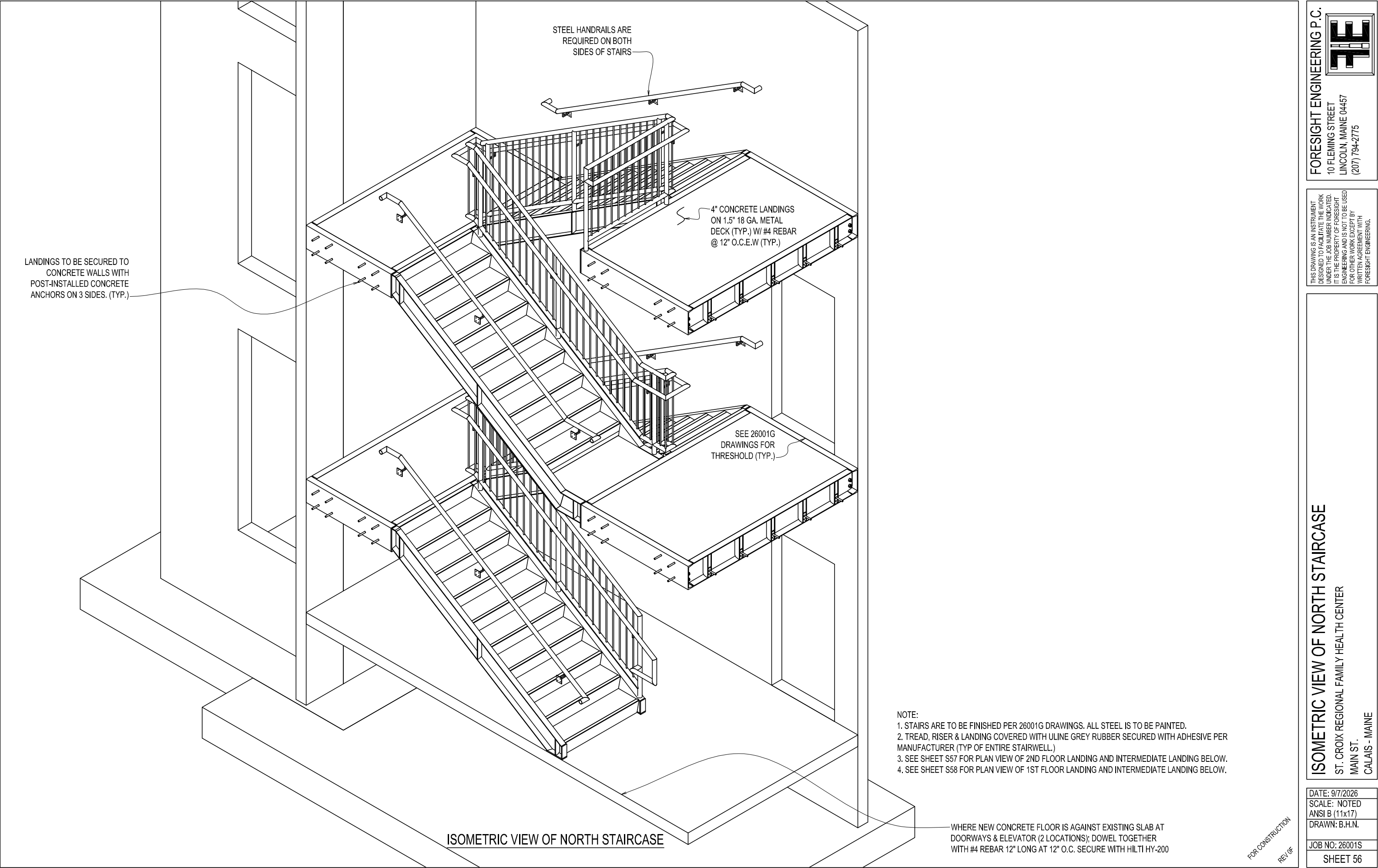
SECTION Q - ELEVATION VIEW OF SOUTH STAIRCASE
SCALE: 1/4 IN. = 1 FT.



SECTION R - ELEVATION VIEW OF SOUTH STAIRCASE
SCALE: 3/8 IN. = 1 FT.

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ISOMETRIC VIEW OF NORTH STAIRCASE

- NOTE:
- 1. STAIRS ARE TO BE FINISHED PER 26001G DRAWINGS. ALL STEEL IS TO BE PAINTED.
 - 2. TREAD, RISER & LANDING COVERED WITH ULINE GREY RUBBER SECURED WITH ADHESIVE PER MANUFACTURER (TYP OF ENTIRE STAIRWELL.)
 - 3. SEE SHEET S57 FOR PLAN VIEW OF 2ND FLOOR LANDING AND INTERMEDIATE LANDING BELOW.
 - 4. SEE SHEET S58 FOR PLAN VIEW OF 1ST FLOOR LANDING AND INTERMEDIATE LANDING BELOW.

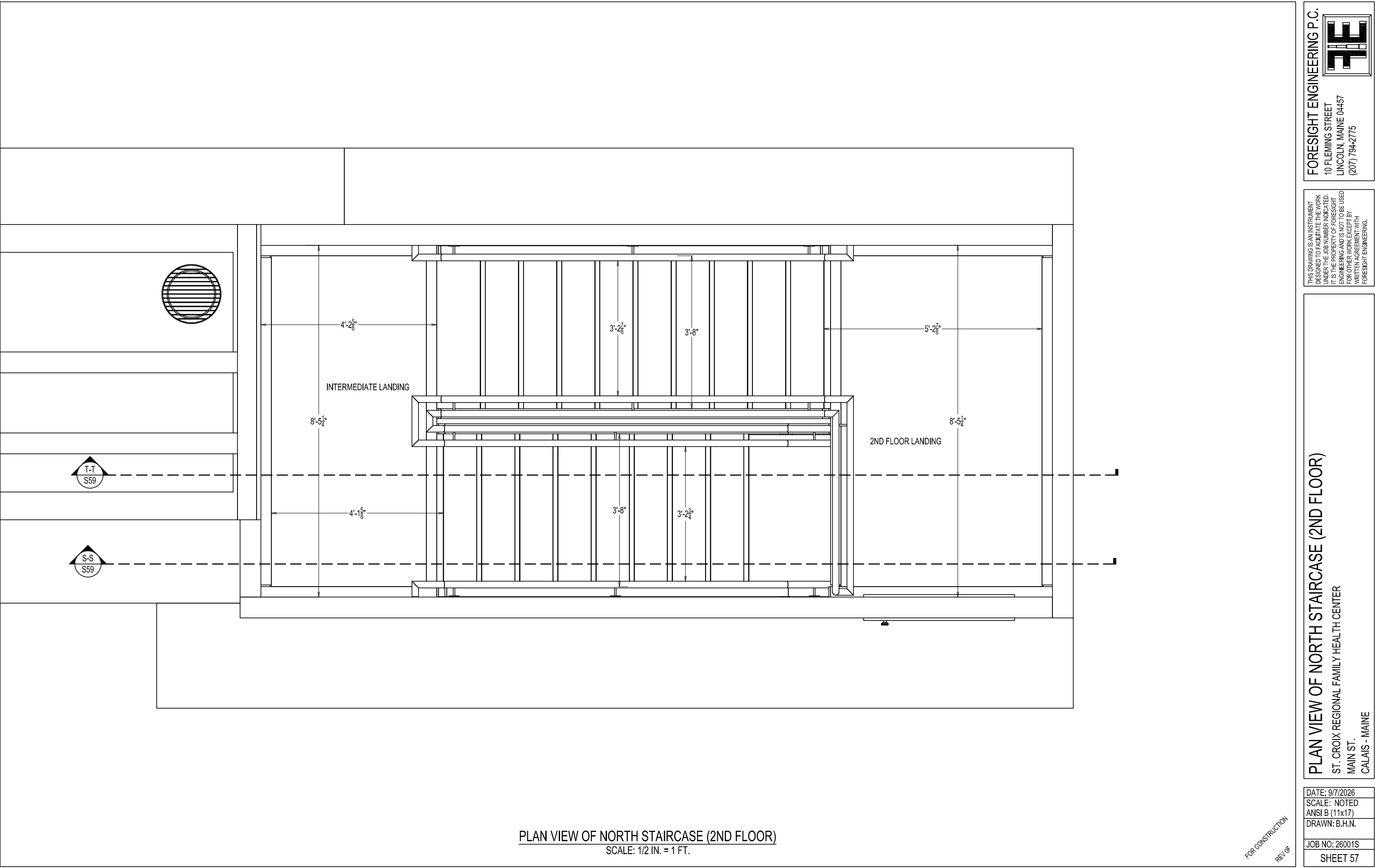
WHERE NEW CONCRETE FLOOR IS AGAINST EXISTING SLAB AT
DOORWAYS & ELEVATOR (2 LOCATIONS); DOWEL TOGETHER
WITH #4 REBAR 12" LONG AT 12" O.C. SECURE WITH HILTI HY-200

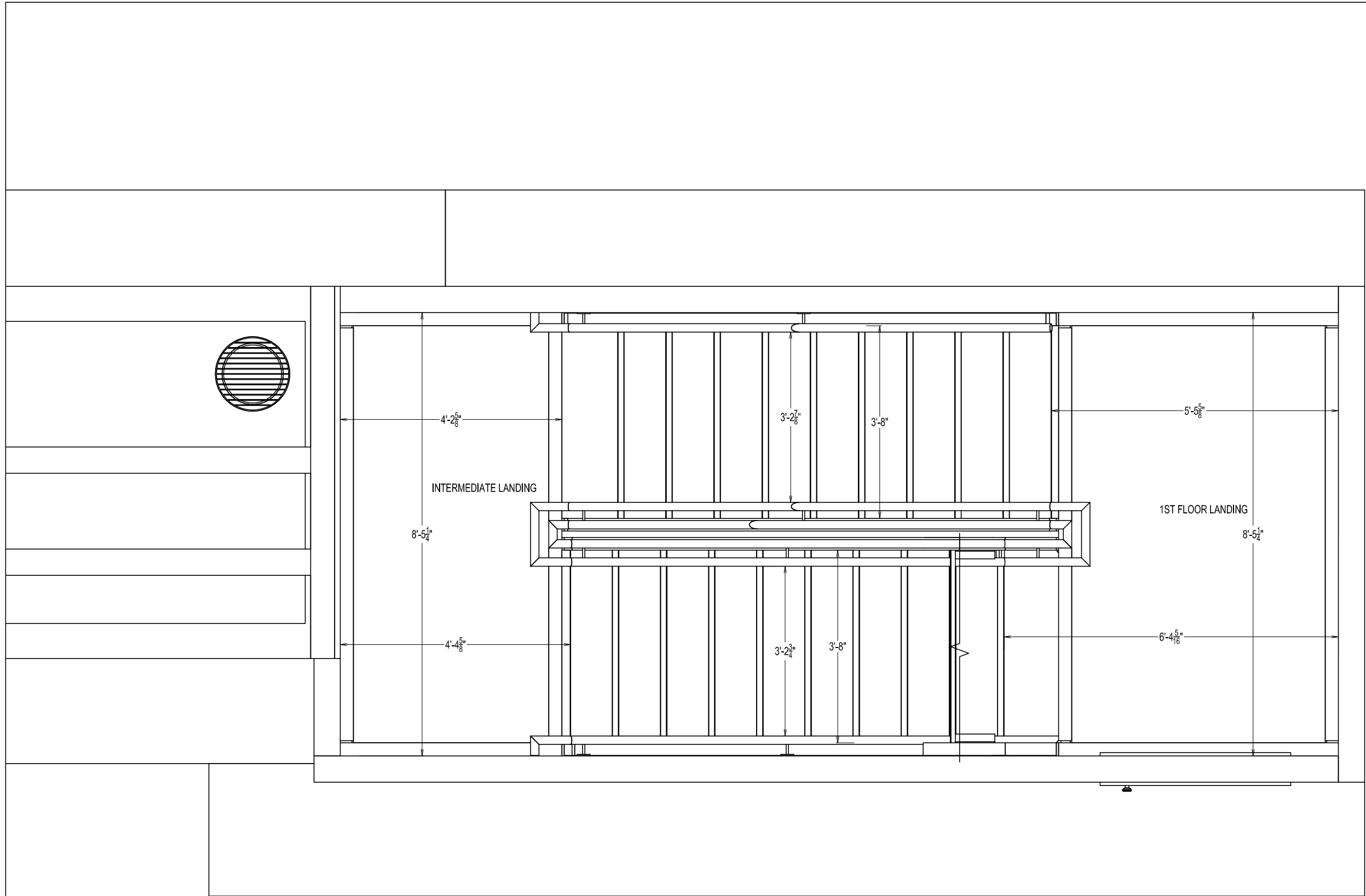
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ISOMETRIC VIEW OF NORTH STAIRCASE
ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.
JOB NO: 26001S
SHEET 56

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REV OF





PLAN VIEW OF NORTH STAIRCASE (1ST FLOOR)
SCALE: 1/2 IN. = 1 FT.

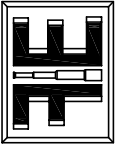
FOR CONSTRUCTION
REV OF

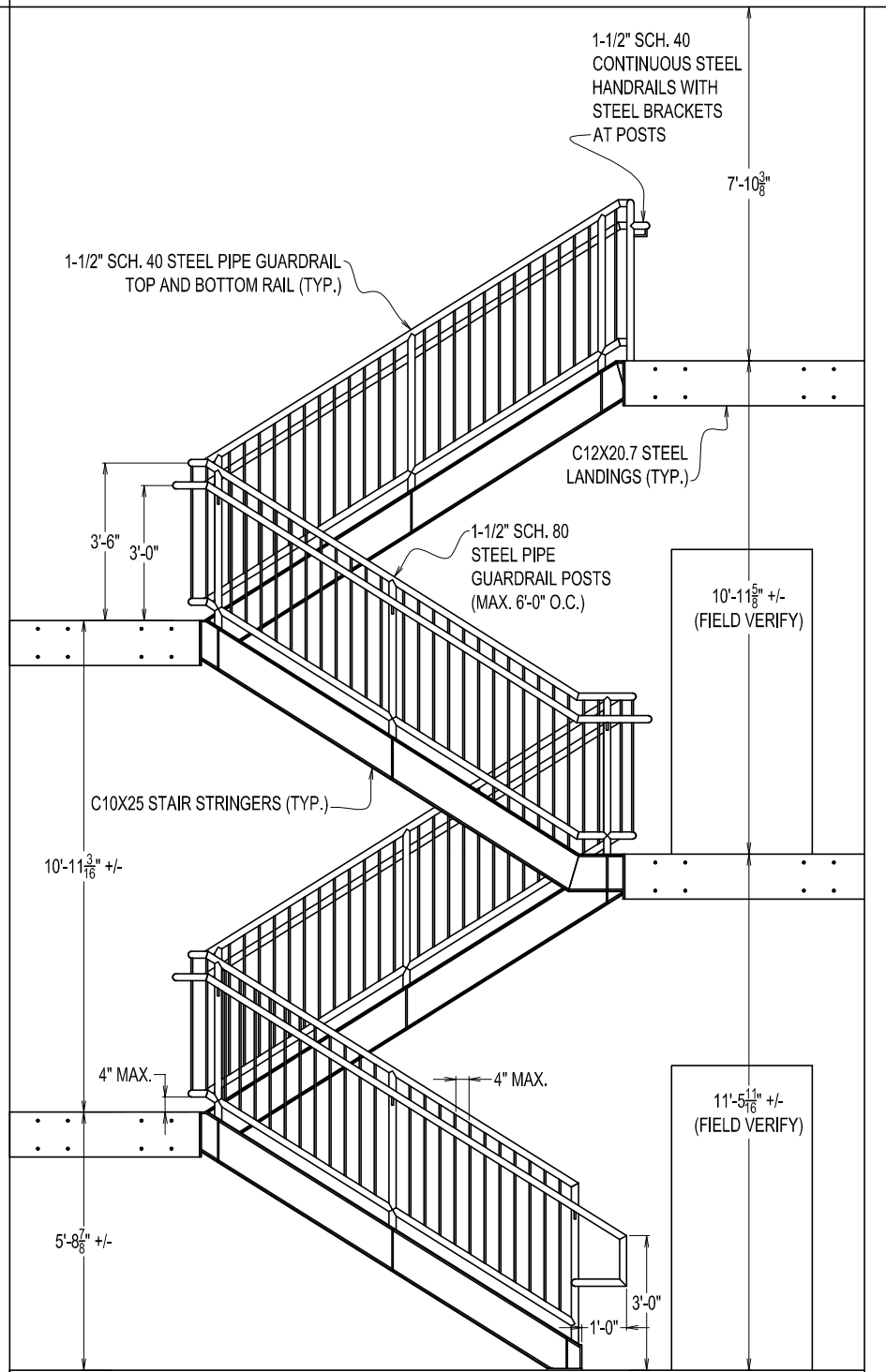
DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.
JOB NO: 26001S
SHEET 58

PLAN VIEW OF NORTH STAIRCASE (1ST FLOOR)
ST. CROIX REGIONAL FAMILY HEALTH CENTER
MAIN ST.
CALAIS - MAINE

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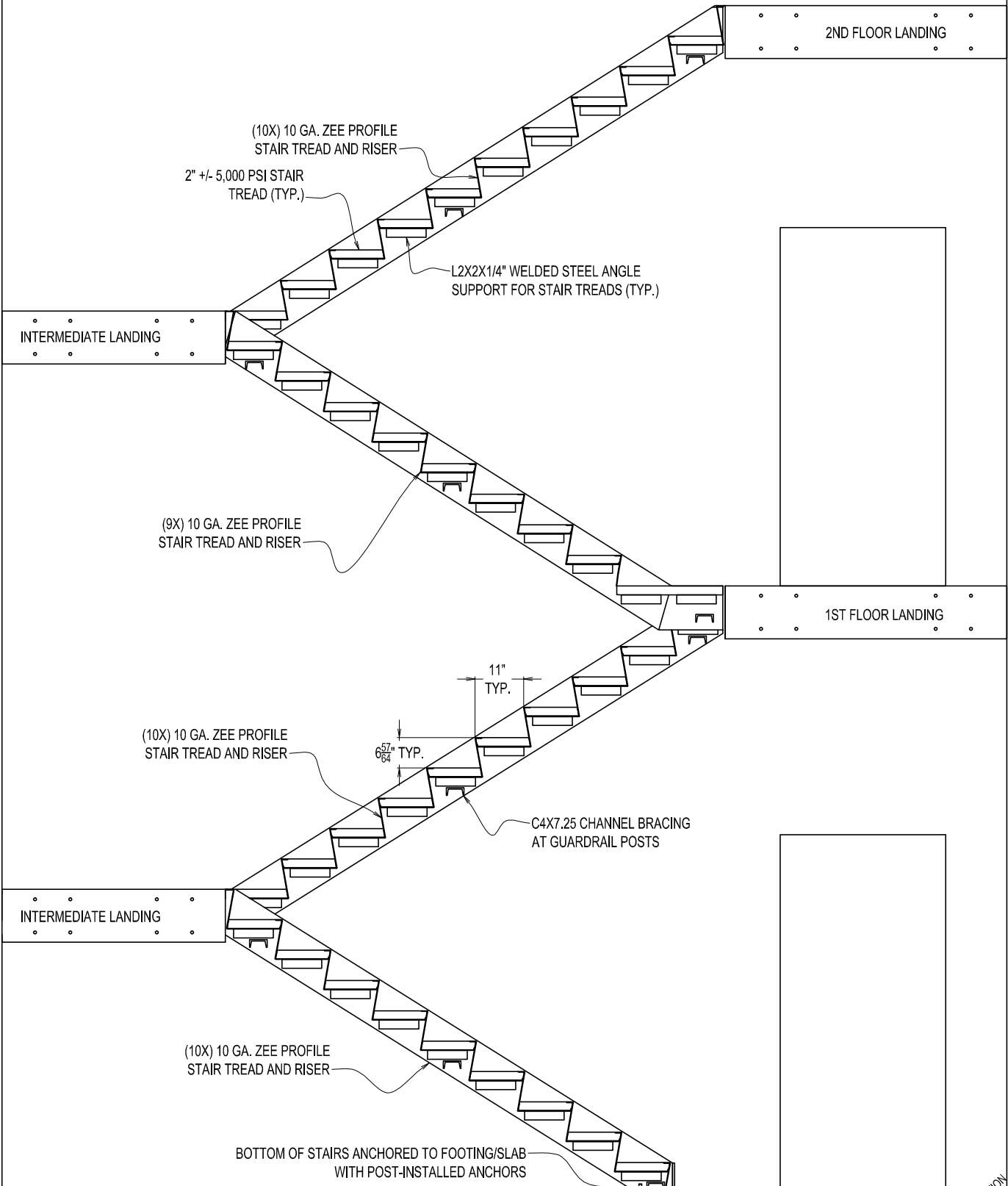
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FORESIGHT ENGINEERING P.C. WILL PROVIDE FABRICATION
DRAWINGS AFTER ELEVATIONS ARE CONFIRMED.

SECTION S - ELEVATION VIEW OF NORTH STAIRCASE
SCALE: 1/4 IN. = 1 FT.



SECTION T - ELEVATION VIEW OF NORTH STAIRCASE
SCALE: 3/8 IN. = 1 FT.

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DATE: 9/7/2026
SCALE: NOTED
ANSI B (11x17)
DRAWN: B.H.N.

FOR CONSTRUCTION
REV 01