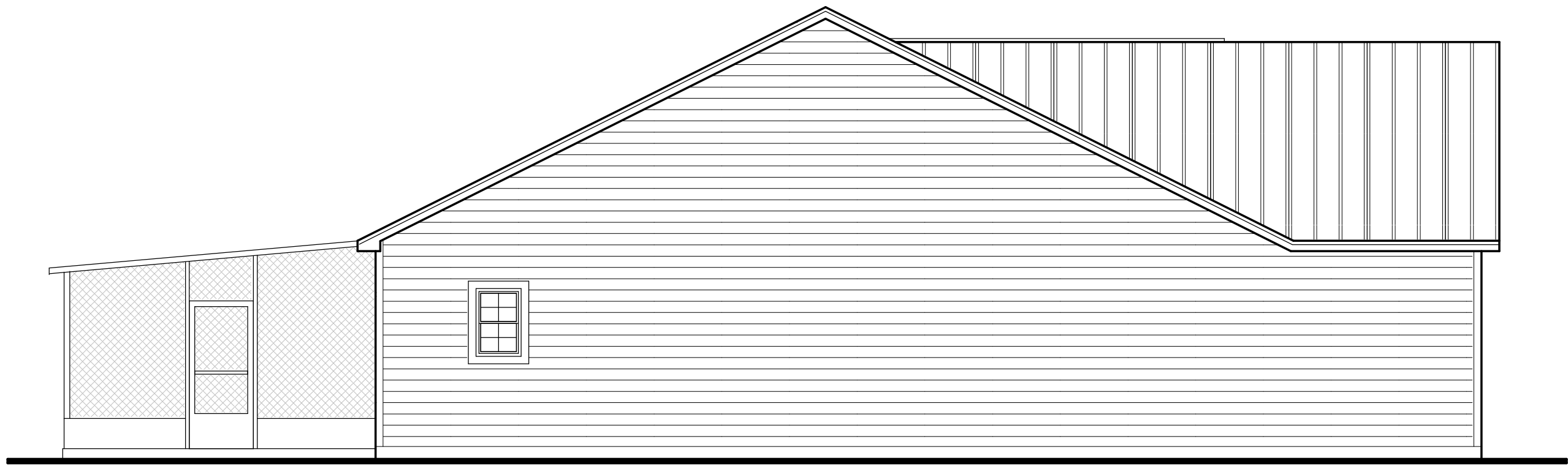




LEFT ELEVATION
SCALE: 3/16" = 1'-0"



RIGHT ELEVATION
SCALE: 3/16" = 1'-0"



REAR ELEVATION
SCALE: 3/16" = 1'-0"



FRONT ELEVATION
SCALE: 3/16" = 1'-0"

EXTERIOR WALL SHEATHING INFORMATION

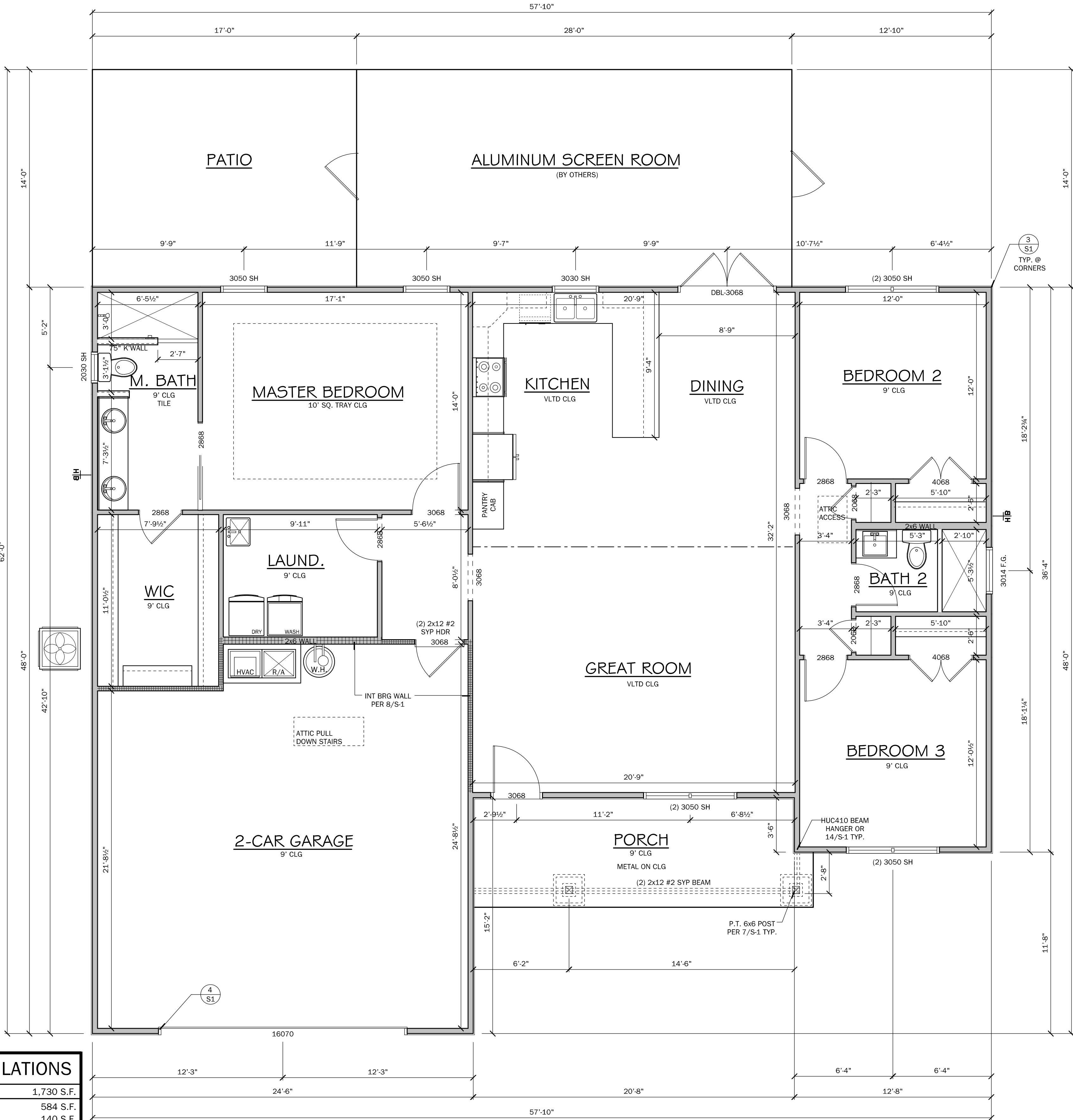
NOTES:
1. ALL EXTERIOR WALL SHEATHING TO BE MIN. 7/16" WINDSTORM OR EQ. MFG. APPROPRIATE LENGTH SUB-SIDING
2. ALL WALL SECTIONS GREATER THAN 30% OF WALL HEIGHT AND WITH OPENING AREA LESS THAN 1 S.F. TO BE CONSIDERED SHEAR WALL SEGMENT
3. NAILING PATTERN:
TOP PLATE: 8d@3" O.C.
LONG EDGE: 8d@6" O.C.
FIELD: 8d@12" O.C.
BOTTOM PLATE: 8d@3" O.C.

WALL LEGEND

NOTE: 1. ALL WINDOWS WITHIN 2'-0" OF DOORS AND IN SHOWER OR TUB AREAS WILL BE SAFETY TEMPERED GLASS.
2. ALL DOORS LEADING FROM UNCONDITIONED SPACE TO CONDITIONED SPACE SHALL BE SOLID CORE.
3. CEILING FOR EXTERIOR ENTRIES AND COVERED PORCHES TO HAVE 7/16" SPAN RATED OSB NAILED PER ZONE ON ROOF DIAPHRAGM NAILING SCHEDULE ON SHEET S-1 OR EXTERIOR GYPSUM SOFFIT BOARD INSTALLED PER GA 2.16

VENTILATION CALCULATION
FORMULA PER FRBC 2020 SEC 806.2= S.F. / 300 (1/300) / 2 (INTAKE vs EXHAUST) * 144 (TO CONVERT TO SQ. INCHES) = NET SQ. INCH REQUIREMENT
2454/300 = 8.1 / 2 = 4 * 144 = 576
576 SQ. INCHES OF VENTILATION REQUIRED

NOTE: SOFFITS ARE TO BE PERFORATED AND THE NET FREE SQUARE INCHES SHALL MEET OR EXCEED THE CALCULATED AMOUNT OF VENTILATION REQUIRED



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

AREA CALCULATIONS	
TOTAL LIVING	1,730 S.F.
GARAGE	584 S.F.
ENTRY PORCH	140 S.F.
ALUMINUM SCREEN PORCH	392 S.F.
TOTAL AREA UNDER ROOF	2,846 S.F.

Residential Design

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DATE: 10/23/2021

Randolph Wiggins, P.E.

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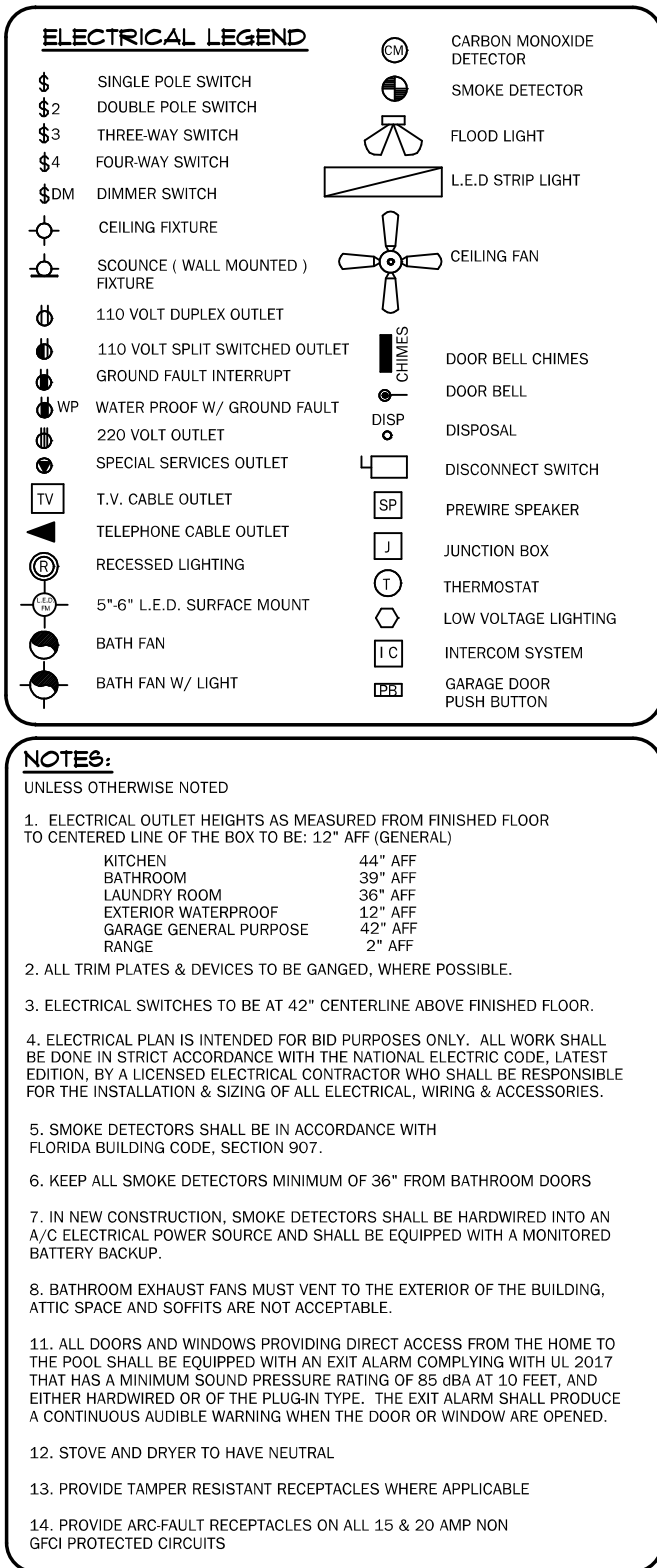
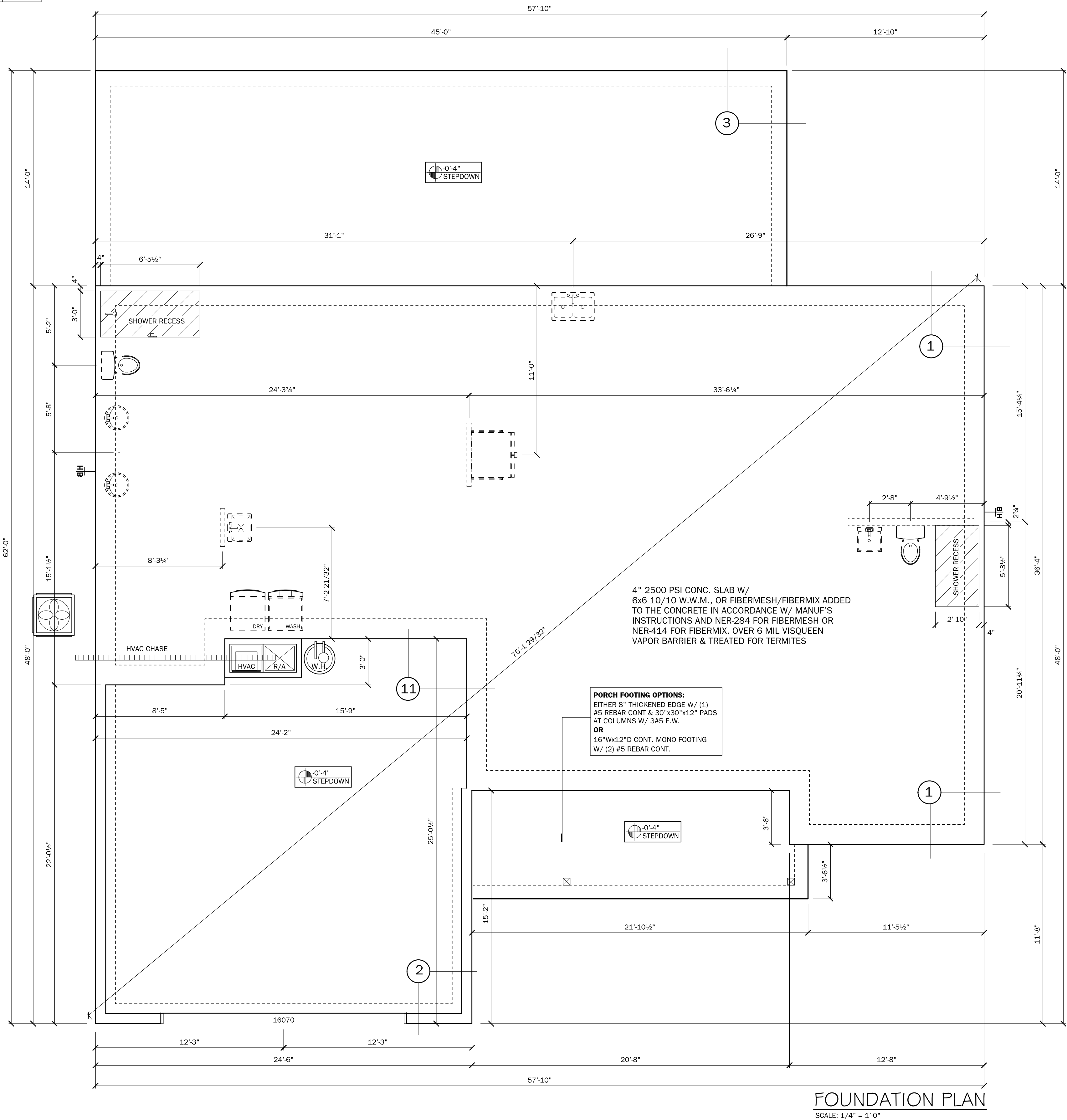
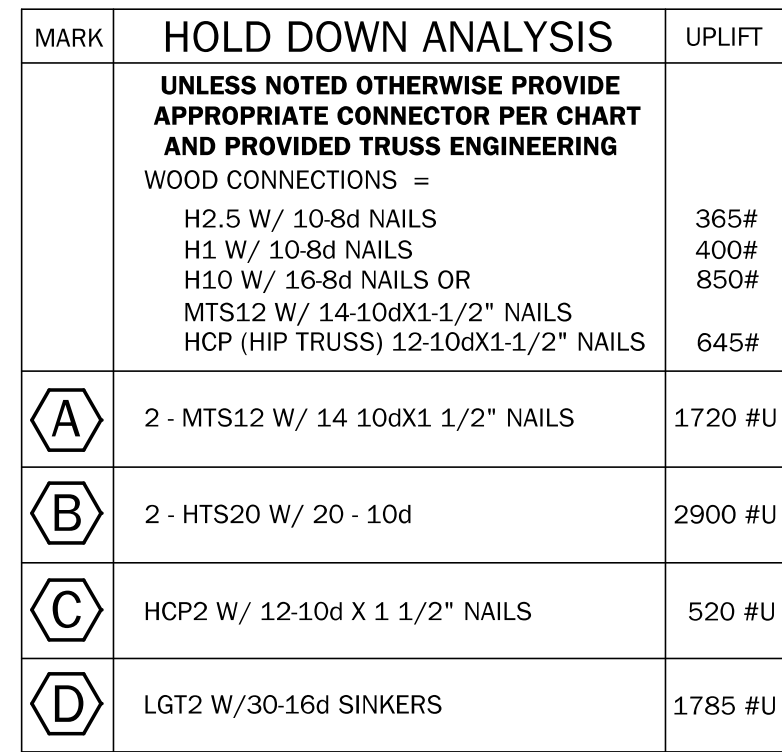
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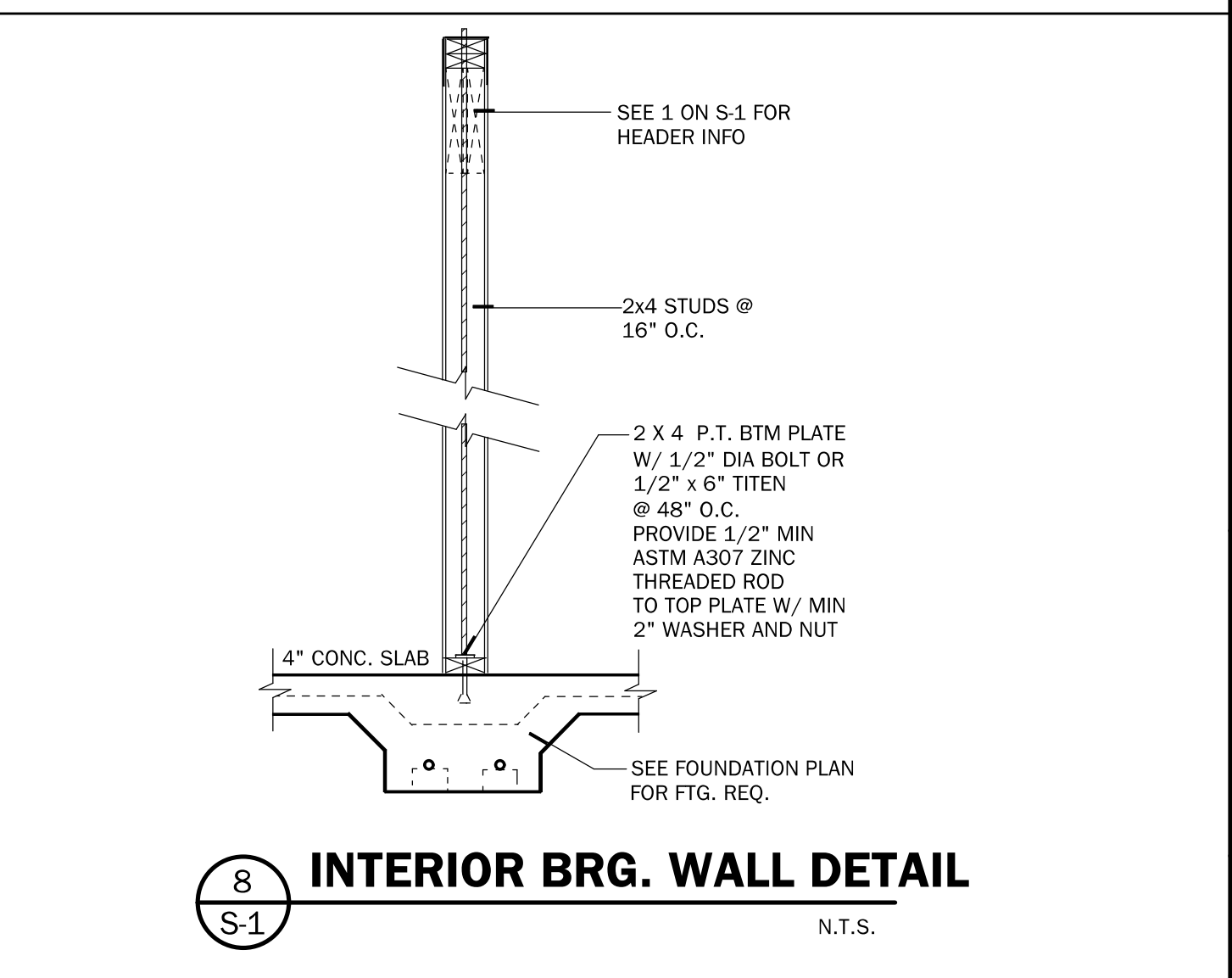
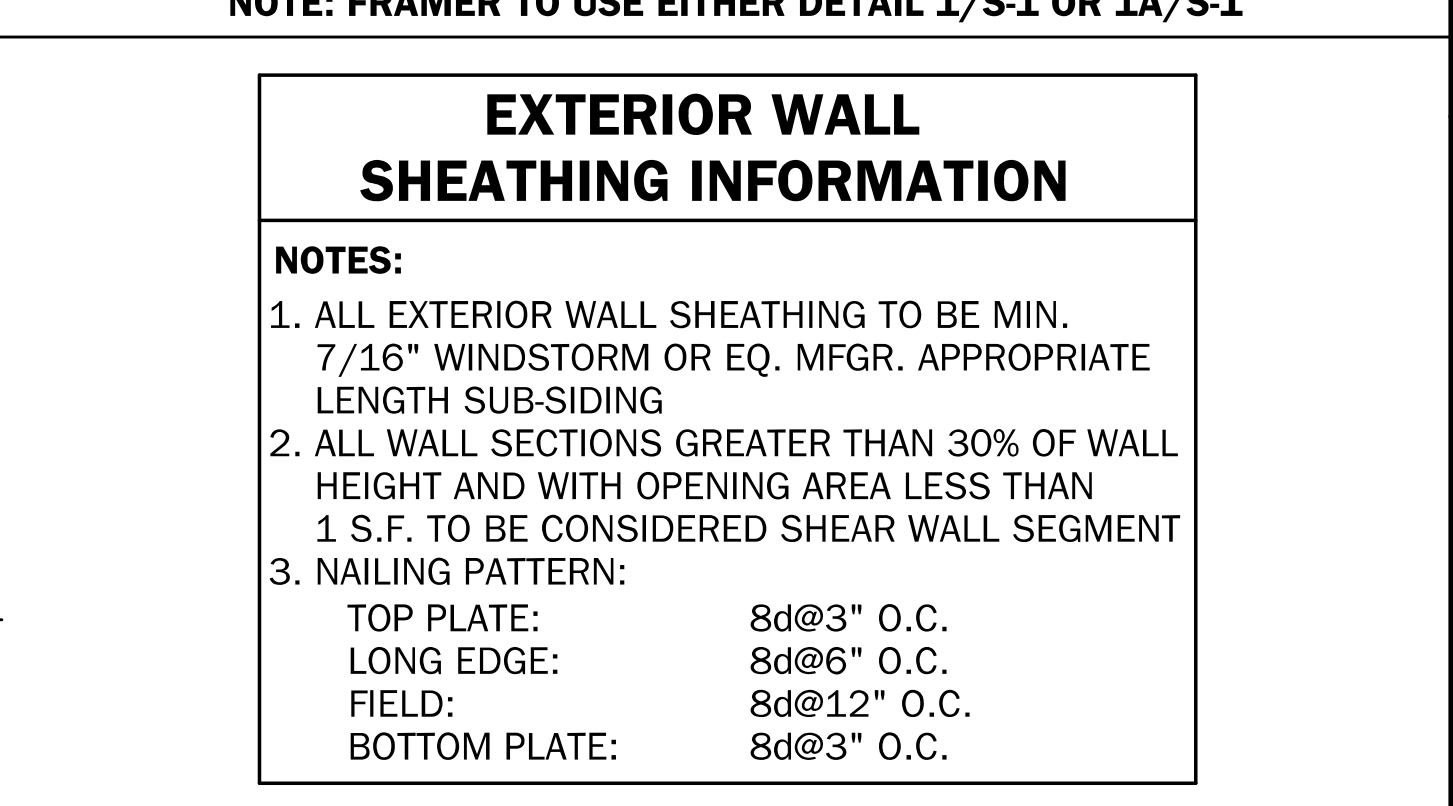
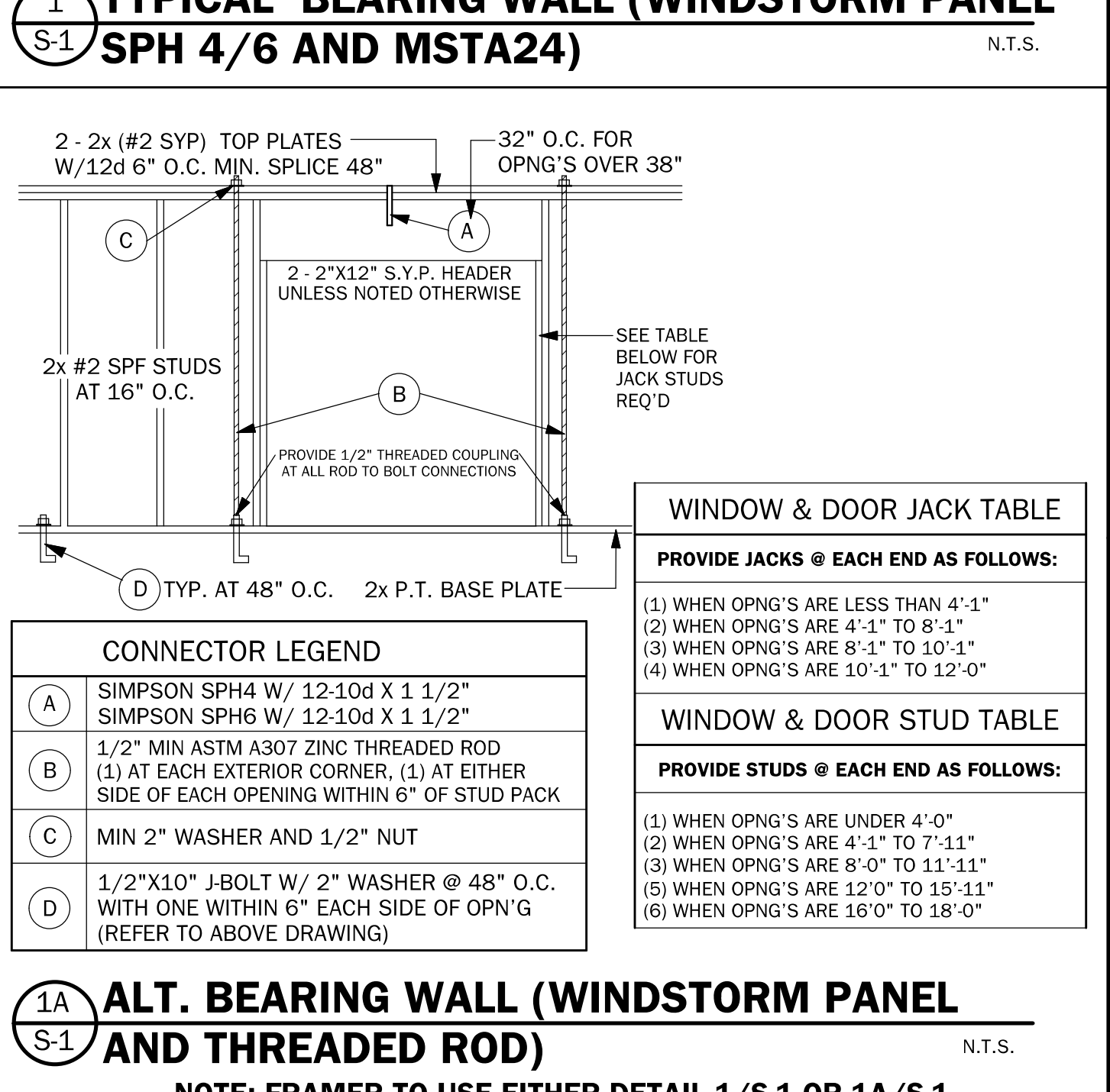
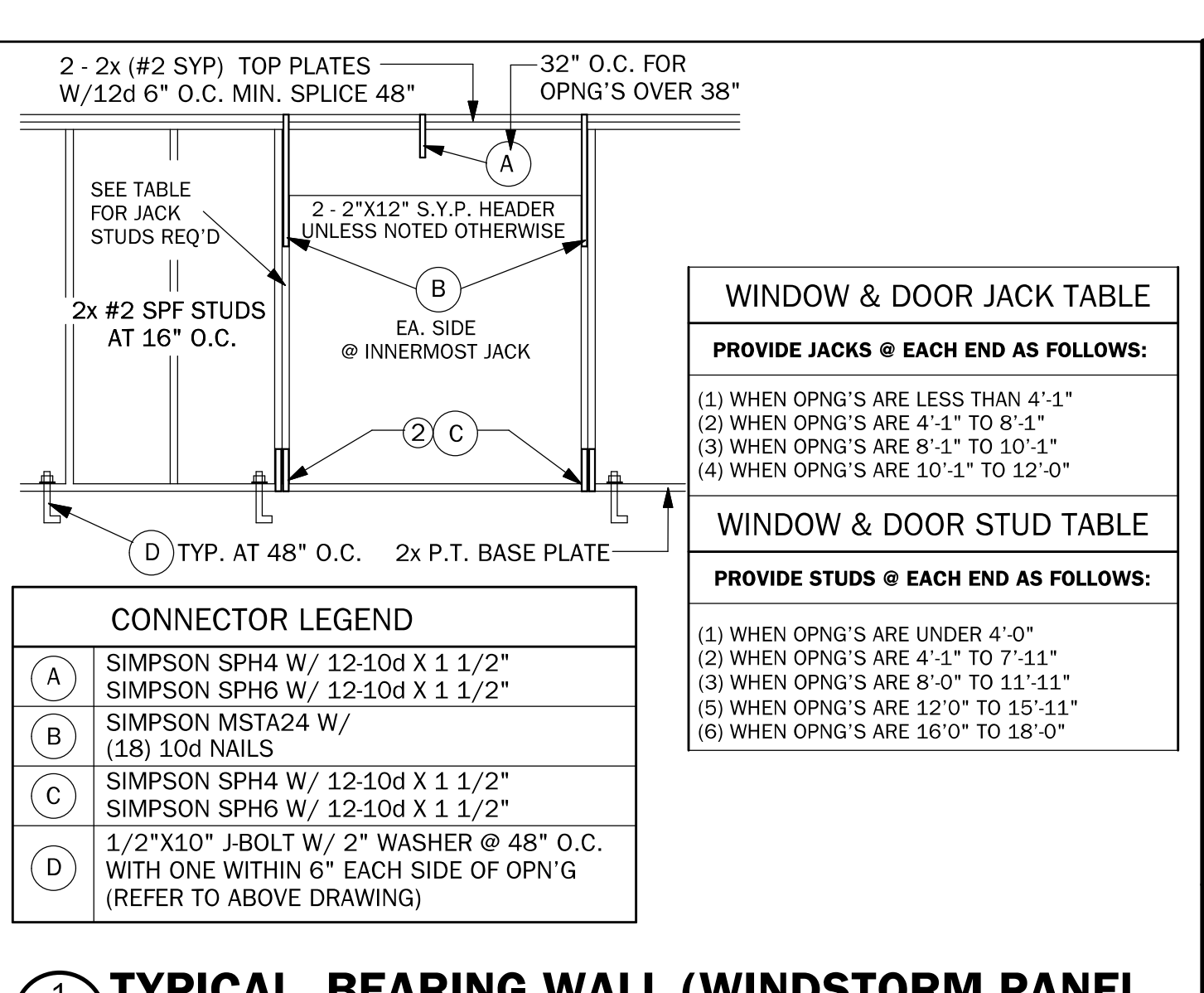
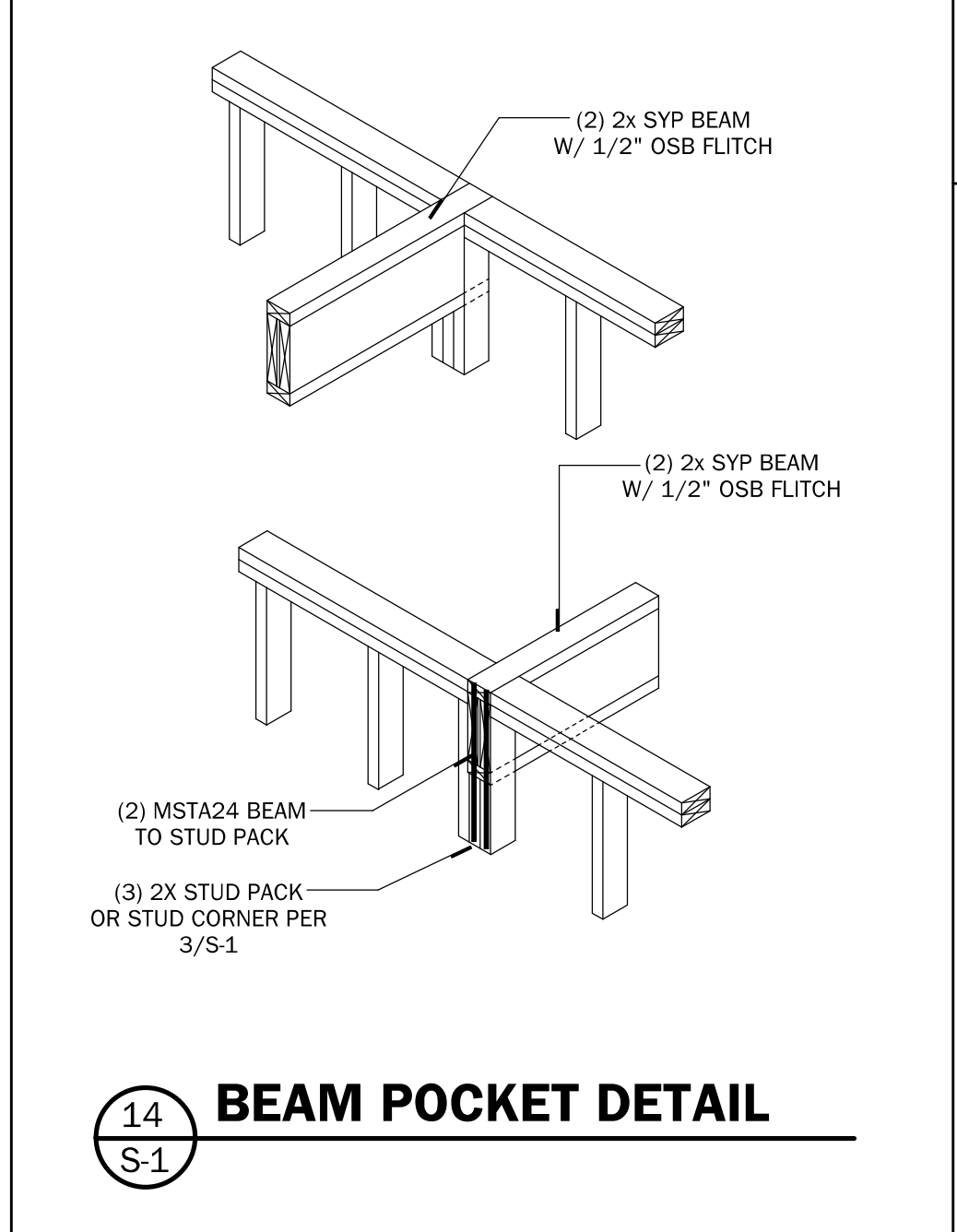
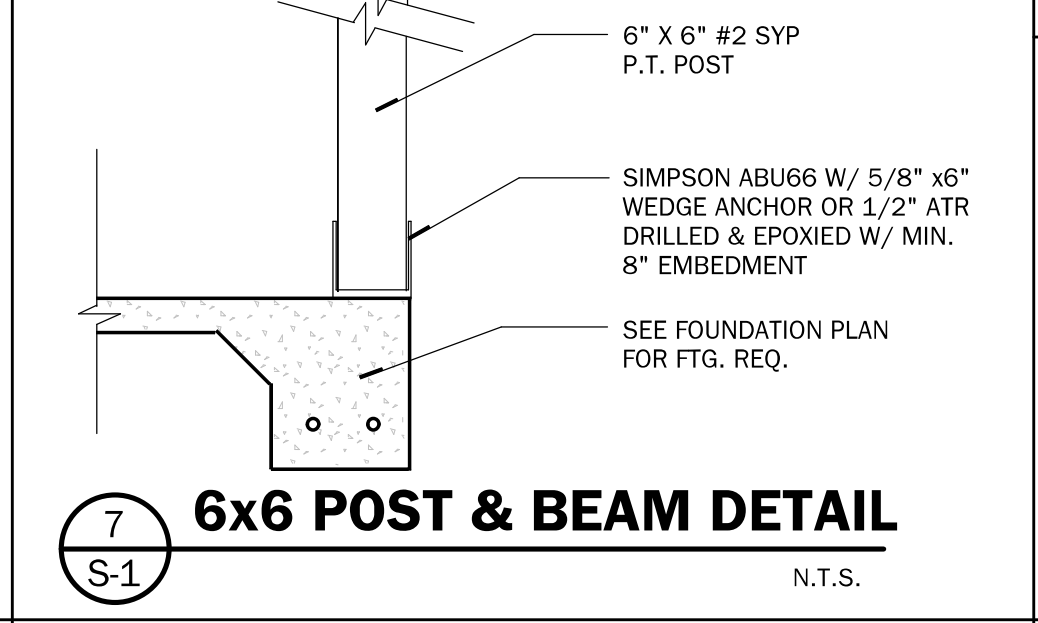
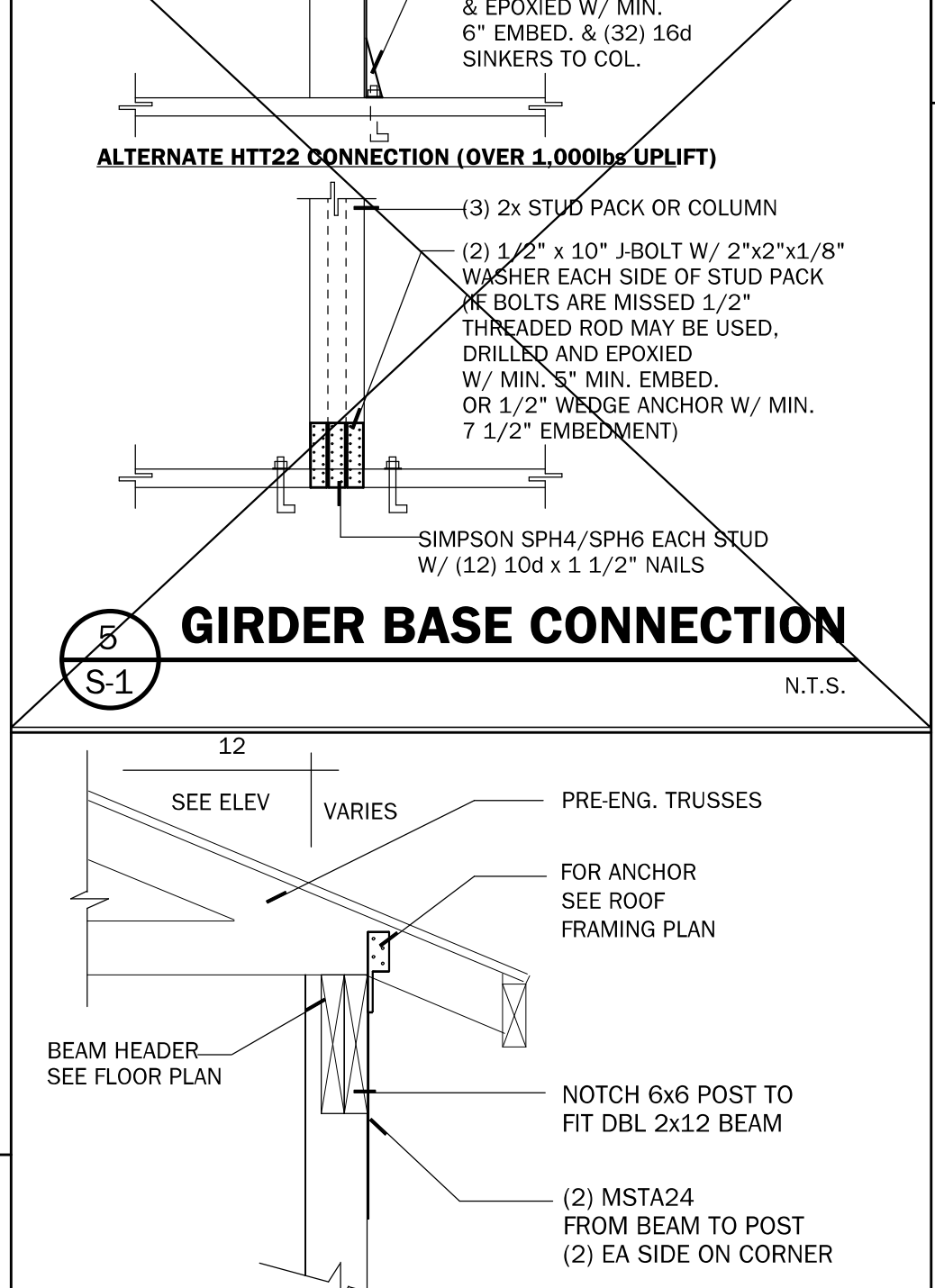
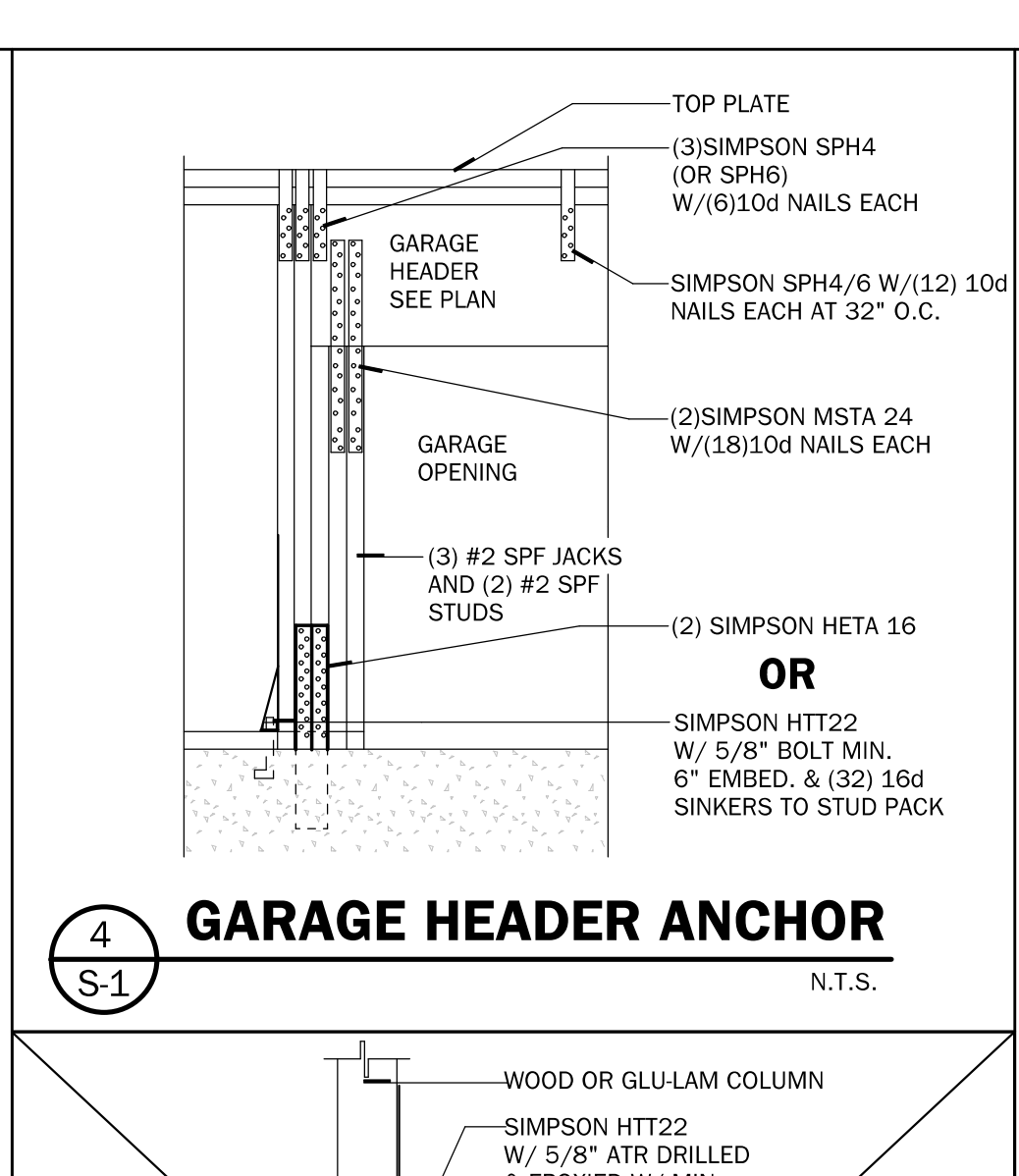
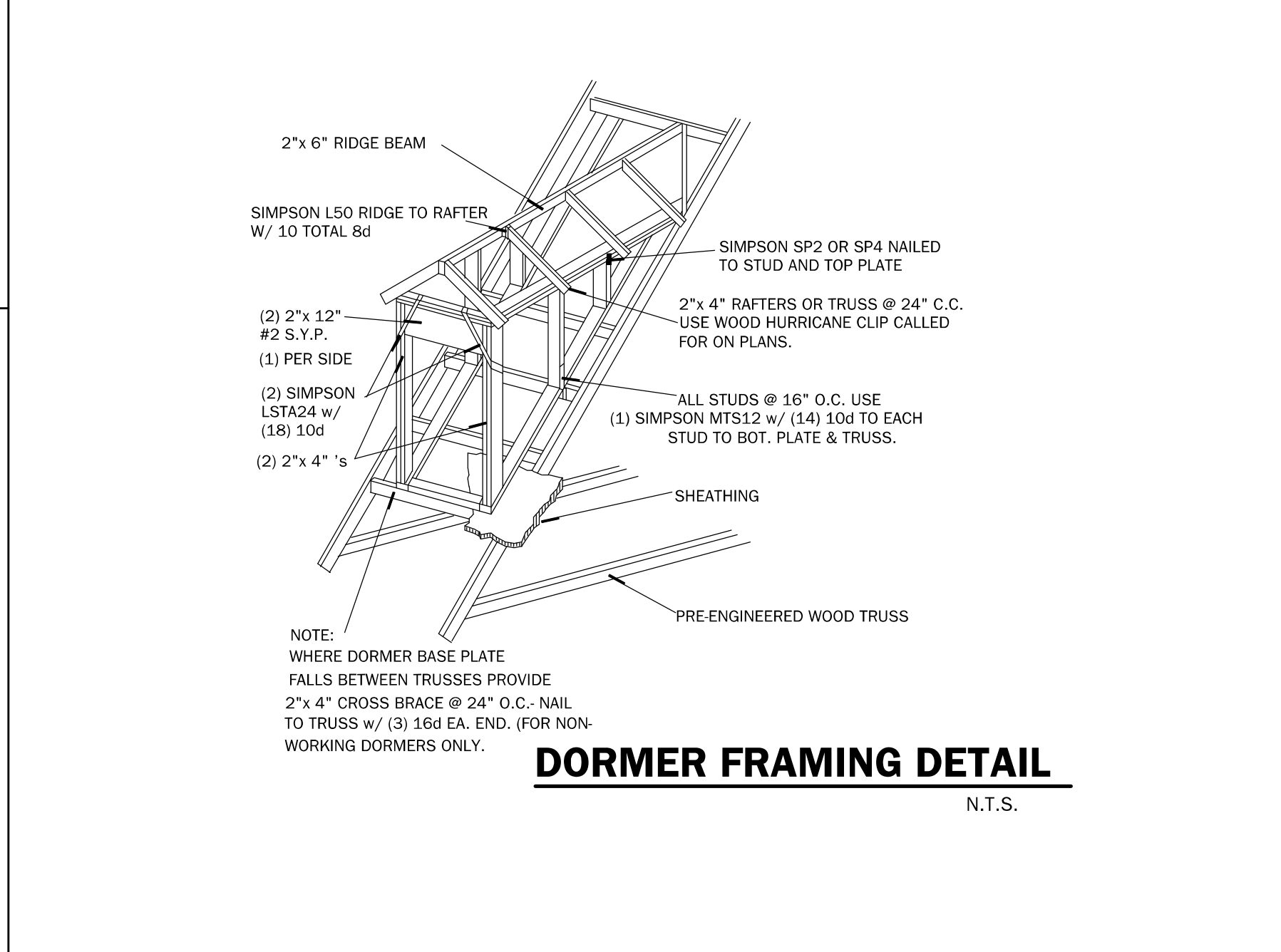
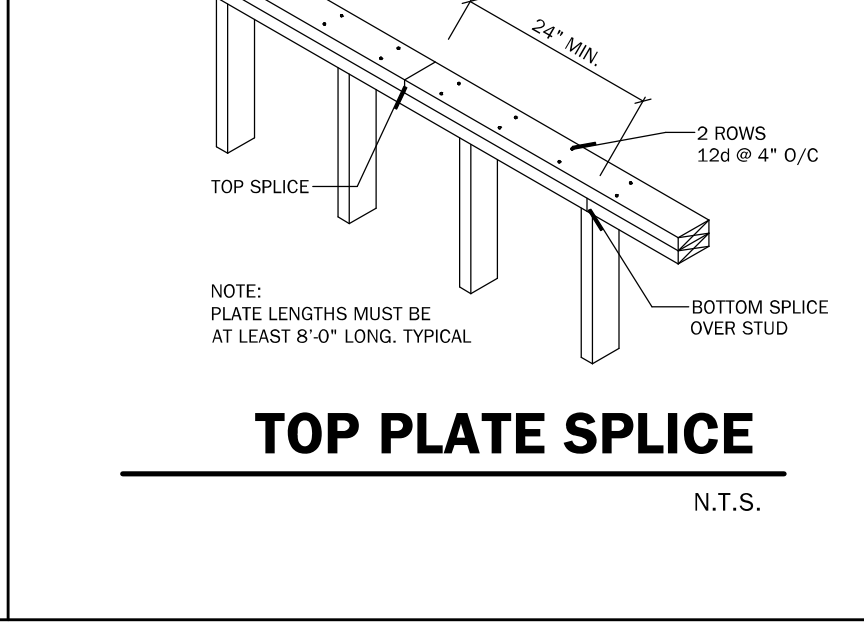
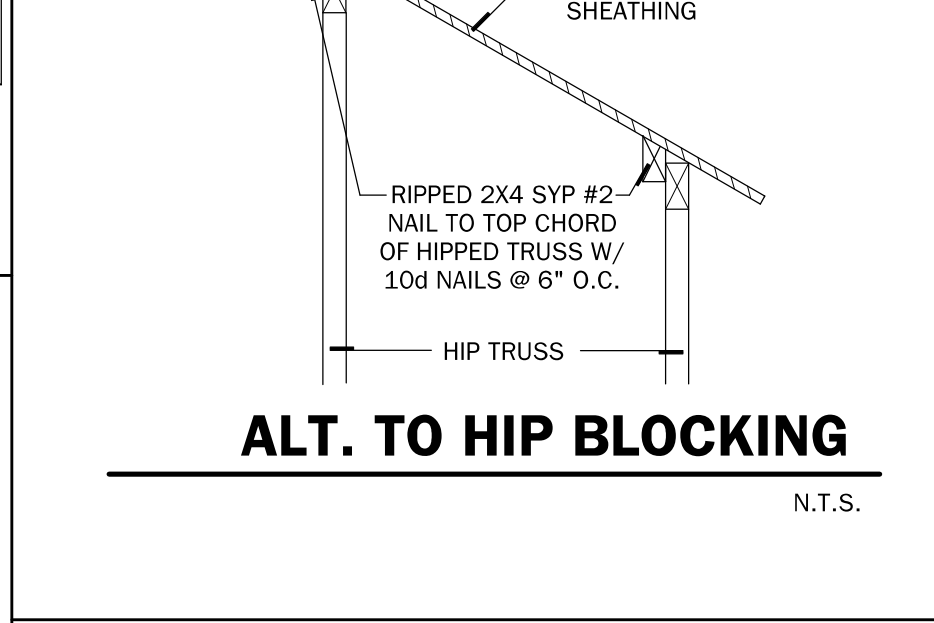
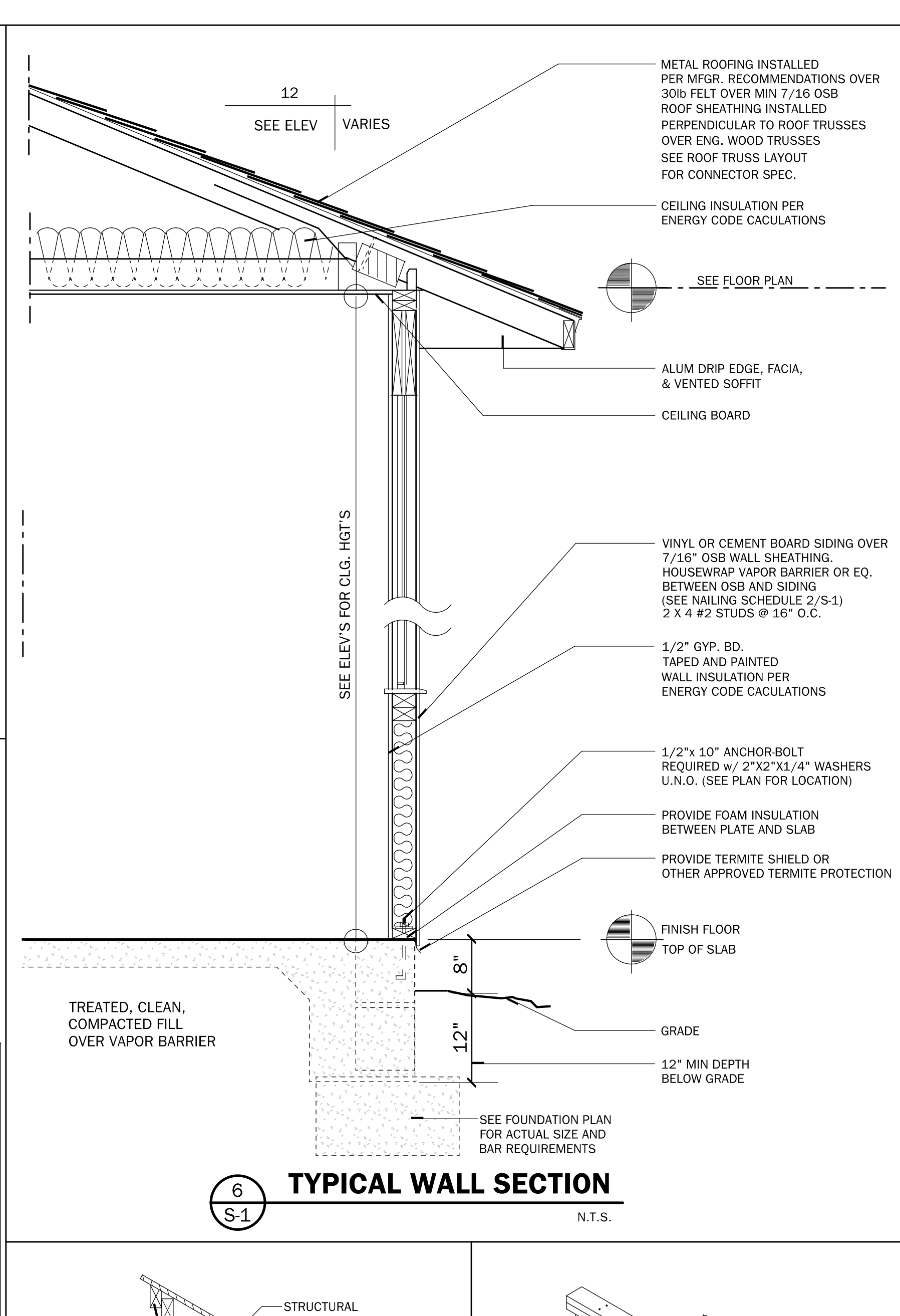
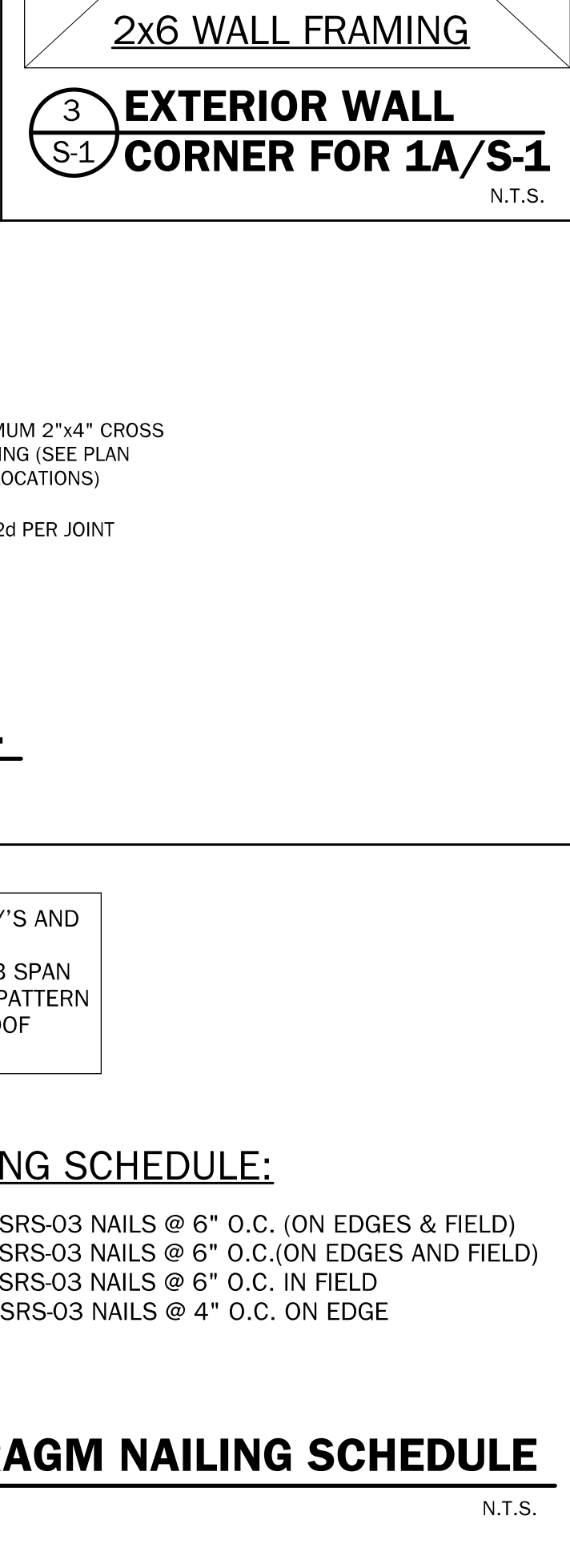
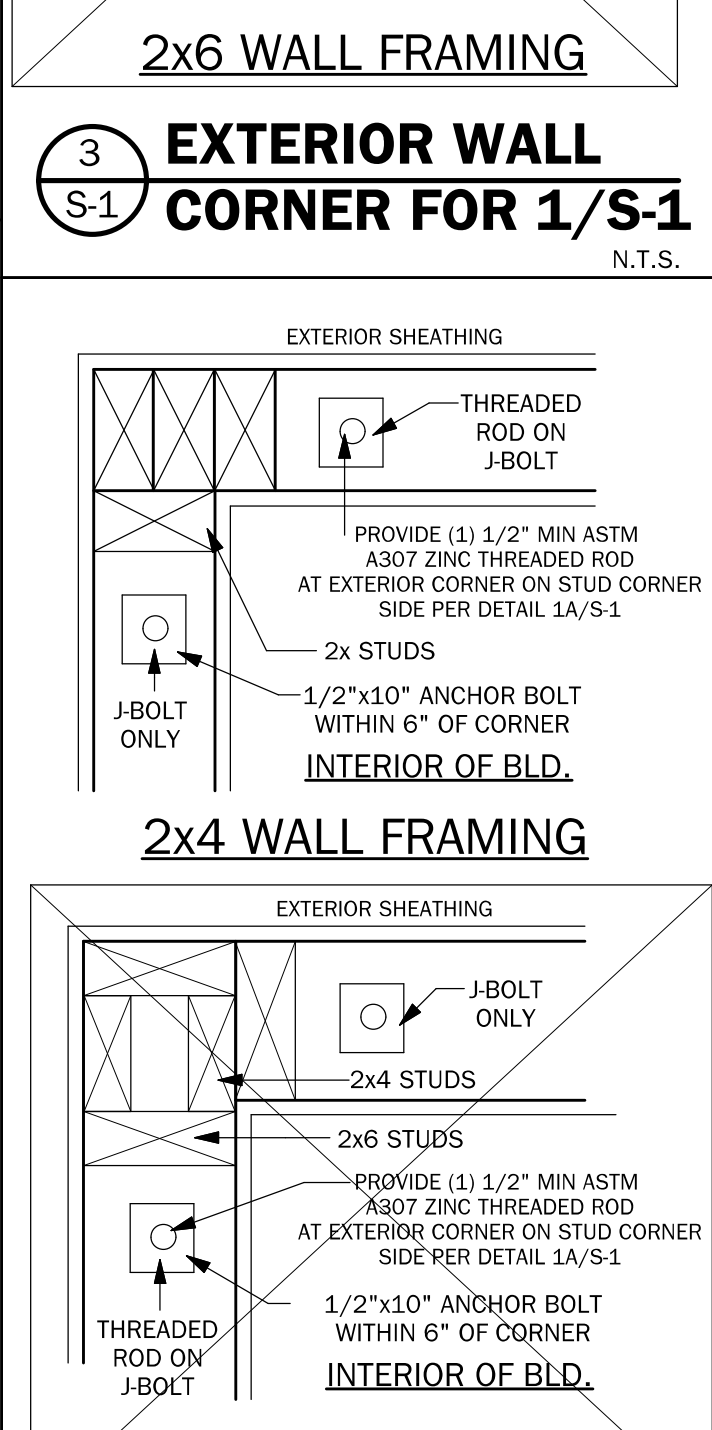
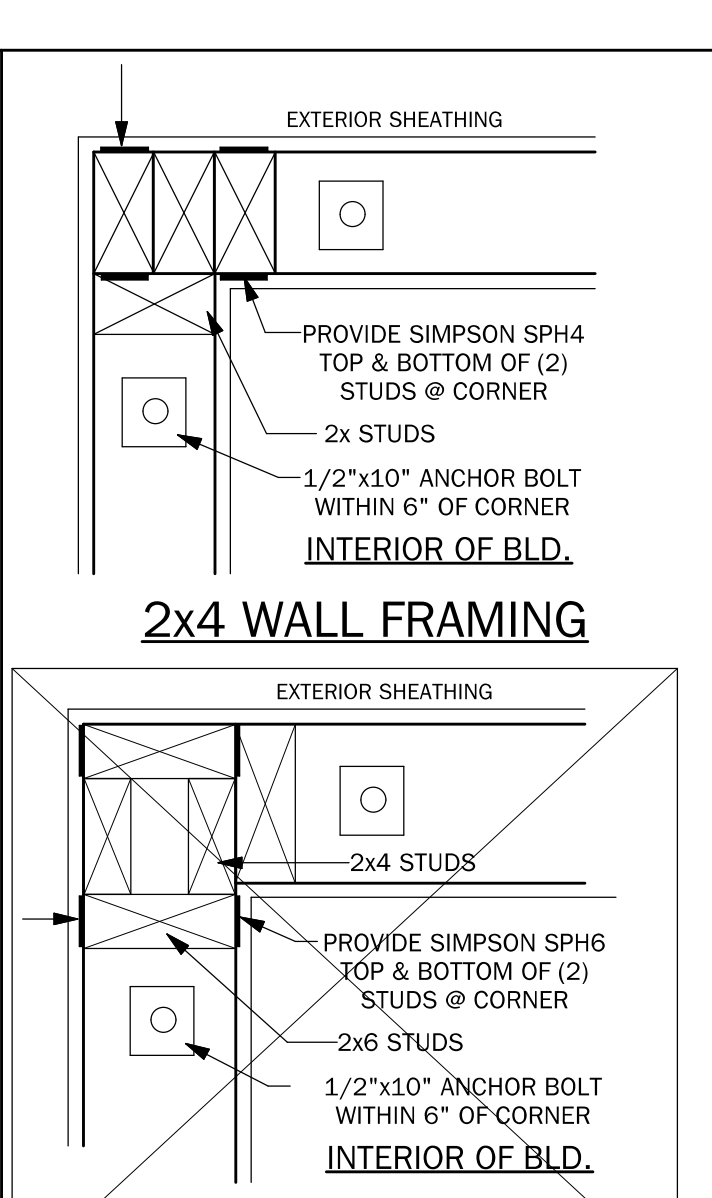
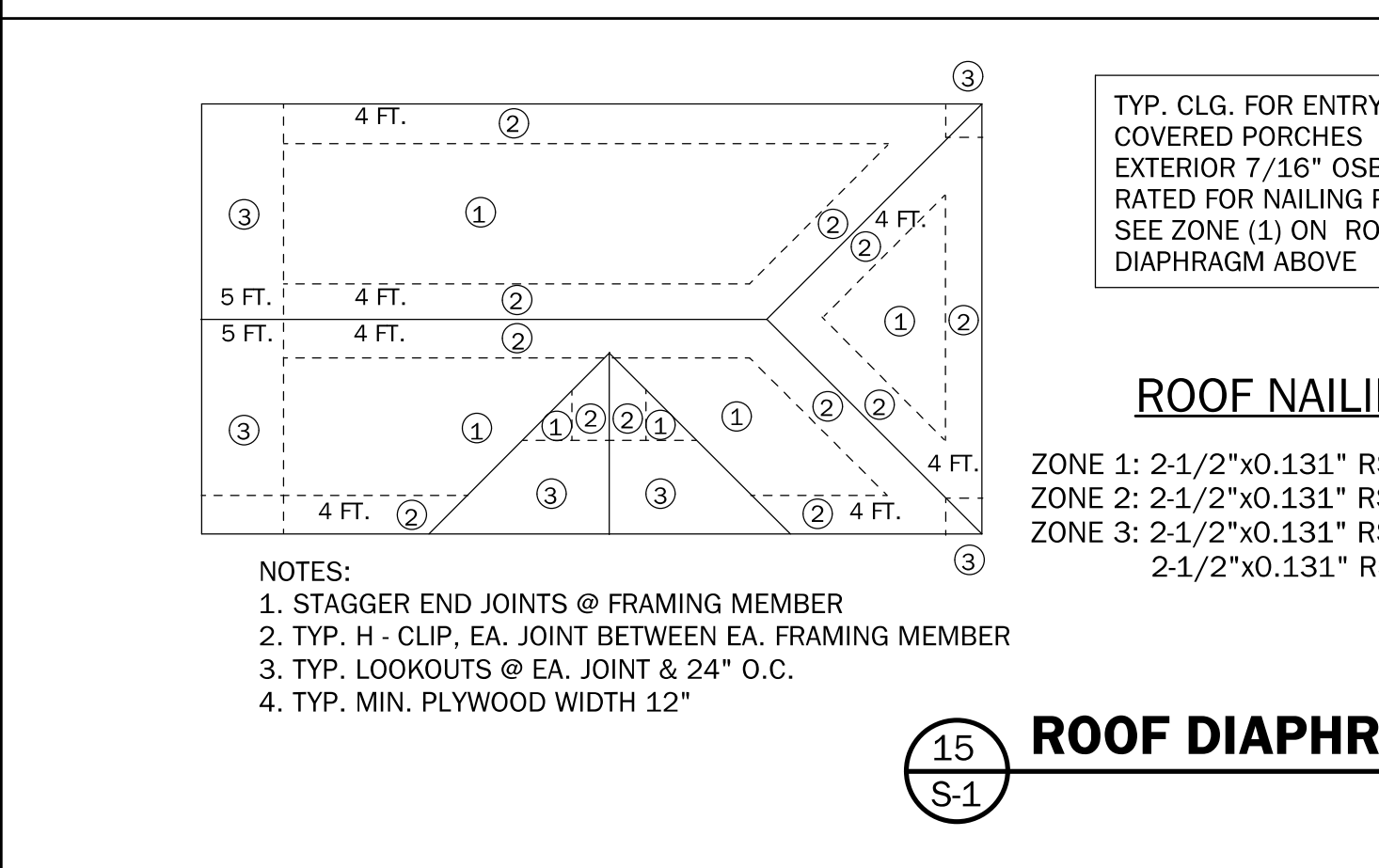
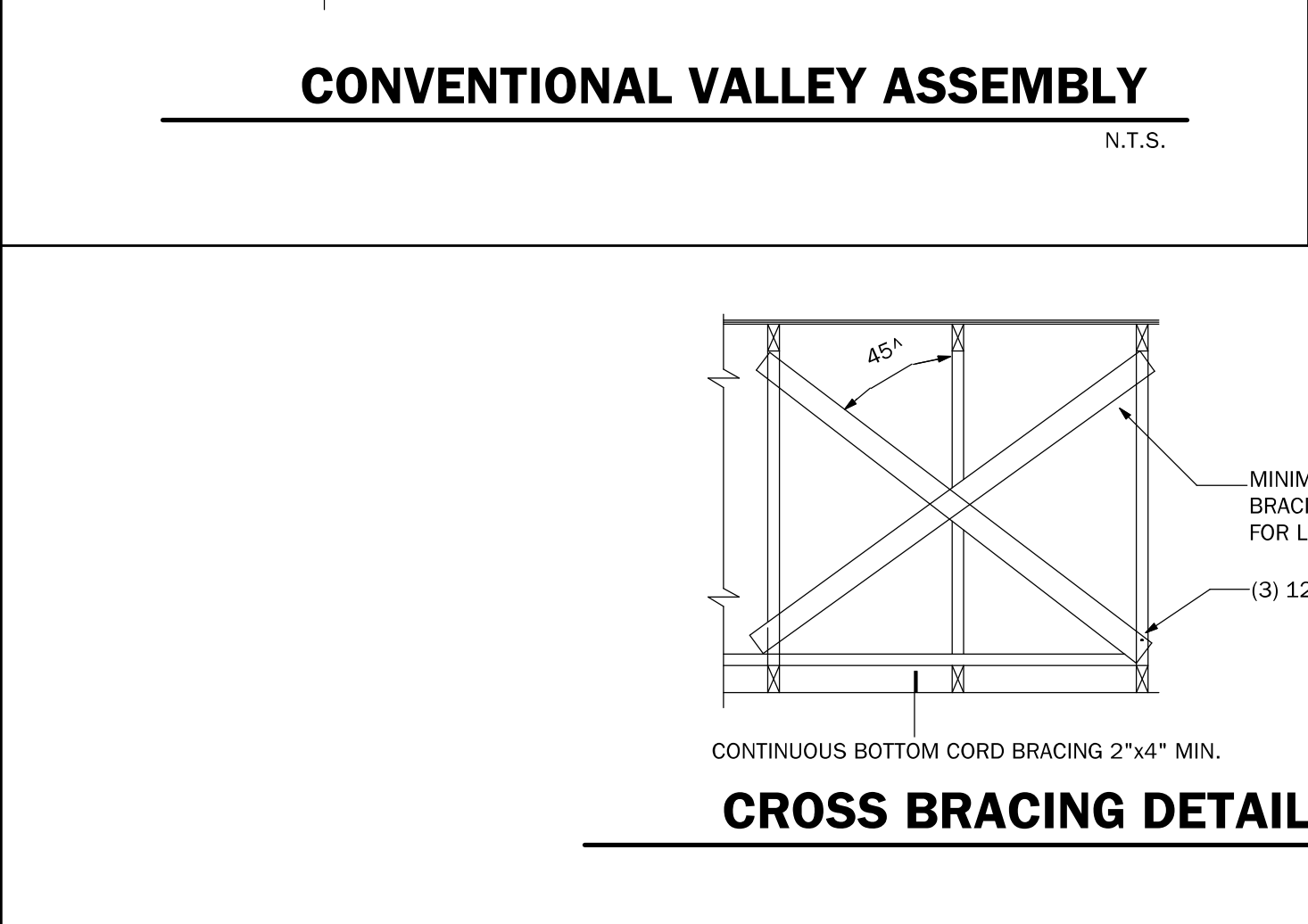
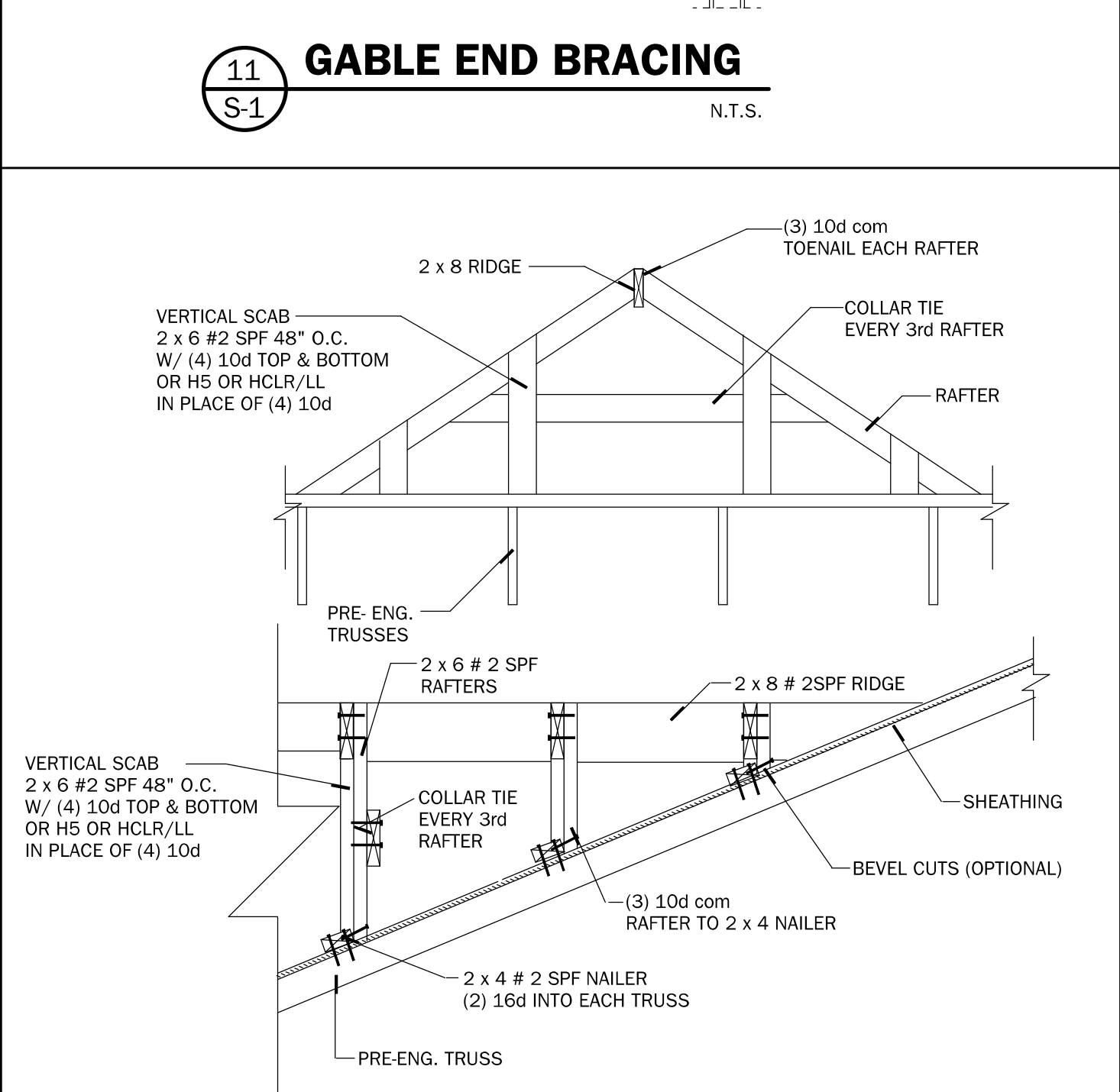
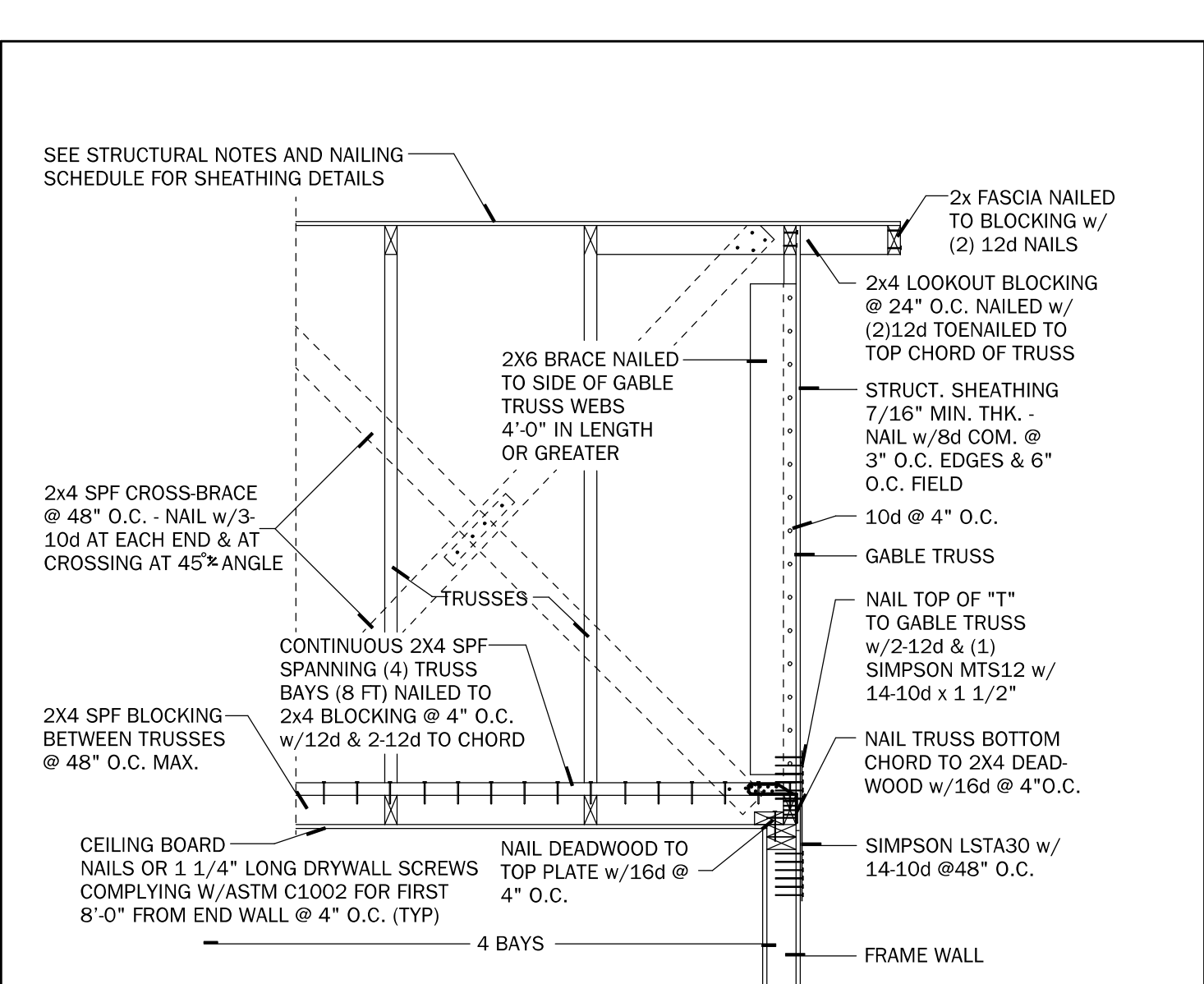
PROJECT: Speicher Residence
Lot 37 Soxwood Sub
Ft White, FL
Columbia County

LAST PLOT DATE: June 23, 2021

SHEET NO.

2 OF 4





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STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) AND ALL APPLICABLE LOCAL ORDINANCES. NO PART OF THIS DESIGN SHALL BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF RANDOLPH WIGGINS, P.E.

Building Homes. Building Relationships

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PROJECT:
Speicher Residence
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Columbia County

SHEET NO.
S-1
OF
4

LAST PLOT DATE: June 23, 2021
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