

INDEX OF DRAWINGS

SHT NO:	TITLE
1	COVER SHEET
2	FLOOR PLAN
3	ELEVATIONS
	FOUNDATIONS
	ELECTRICAL
	TRUSS ROOF
S-1	DETAILS

- [illegible]

WIND SPEED (ULTIMATE)	130 MPH
WIND SPEED (ALLOWABLE)	101 MPH
EXPOSURE CATEGORY	B
BUILDING CATEGORY	II
BUILDING TYPE	V
ENCLOSURE CLASSIFICATION	ENCLOSURE
INTERNAL PRESSURE COEFFICIENT	+/- 0.18

**THIS DRAWING AND DESIGN IS VALID
FOR 12 MONTHS AFTER THE DATE IT
IS SIGNED AND SEALED OR WHILE
CURRENT CODE IS VALID**

IT IS THE INTENT OF THIS DESIGNER THAT THESE PLANS ARE ACCURATE AND ARE CLEAR ENOUGH FOR THE LICENSED PROFESSIONAL TO CONSTRUCT THIS PROJECT. IN THE EVENT THAT SOMETHING IS UNCLEAR OR NEEDS CLARIFICATION, .STOP..AND CALL THE DESIGNER LISTED IN THIS TITLE PAGE. IT IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL TO ASK FOR CLARIFICATION OF THIS PROJECT TO FULLY REVIEW THESE DOCUMENTS BEFORE CONSTRUCTION BEGINS AND ANY AND ALL CORRECTIONS, IF NEEDED, TO BE MADE BEFORE ANY WORK IS DONE.

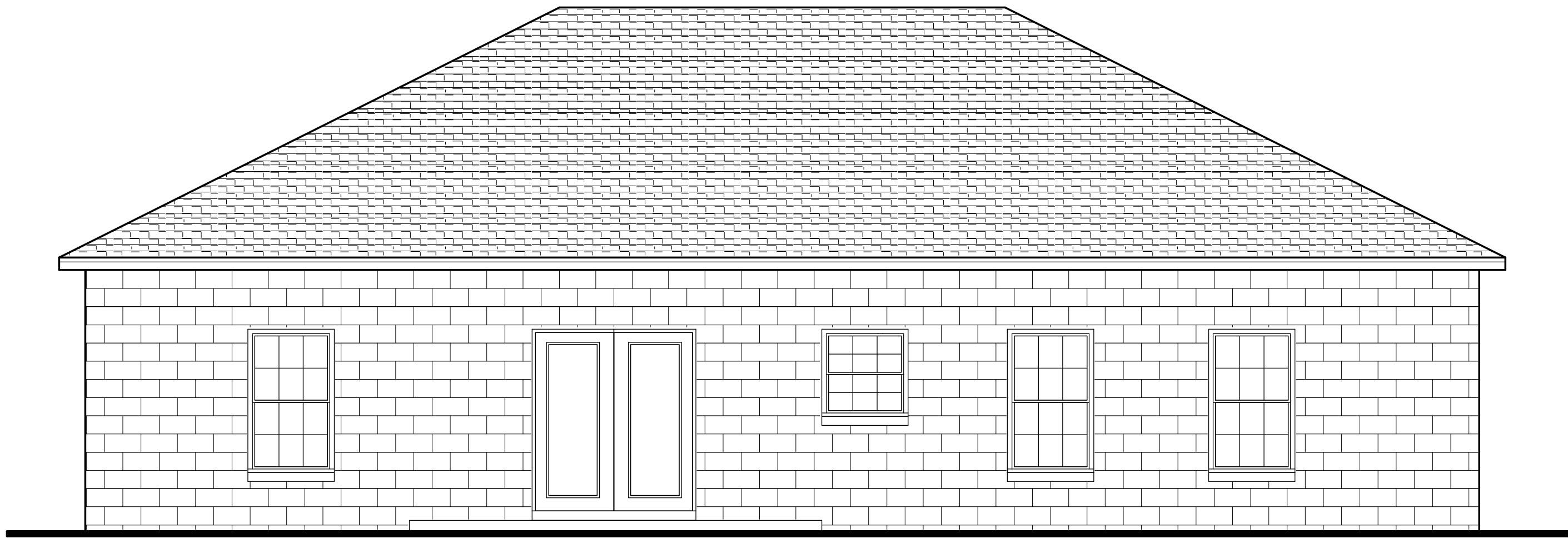
DO NOT SCALE DRAWINGS FOR CRITICAL DIMENSIONS. INSTEAD CALL THE DESIGNER LISTED IN TITLE PAGE

Randolph
Wiggins
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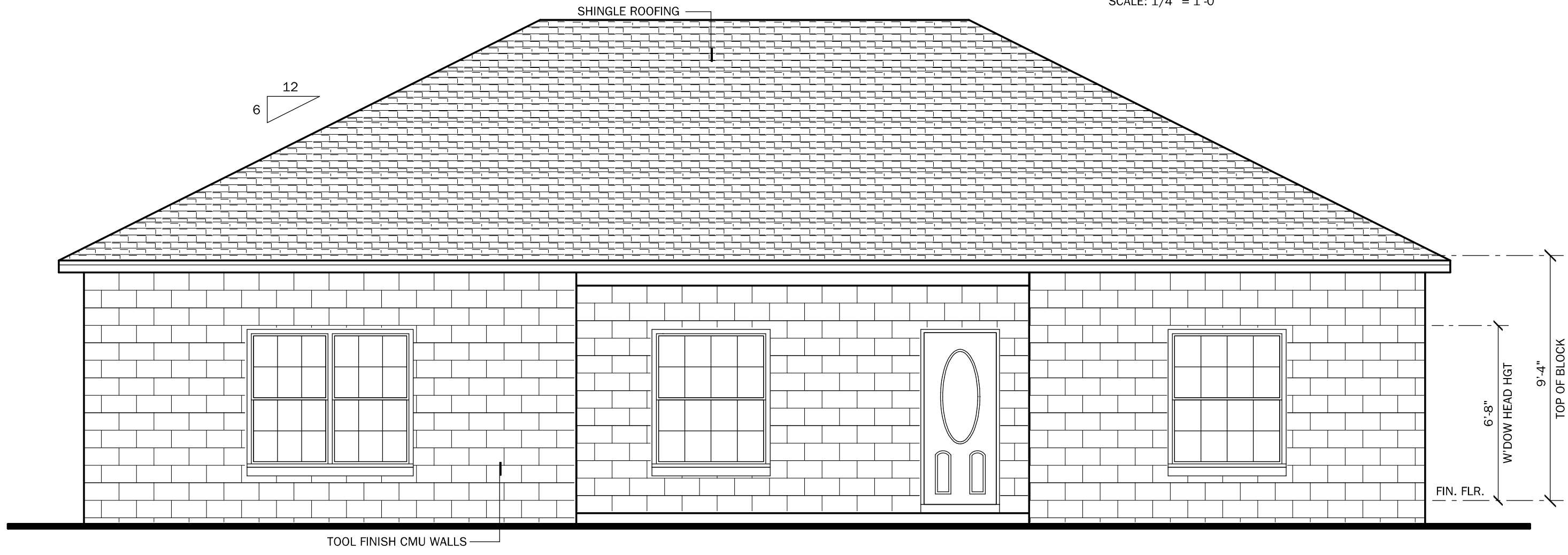


PROJECT: Newton Residence
Lot 54 SW Rum Island Terrace
Ft. White, FL 32038
Columbia County
ASST PI OT DATE: January 06, 2021 11:41 AM

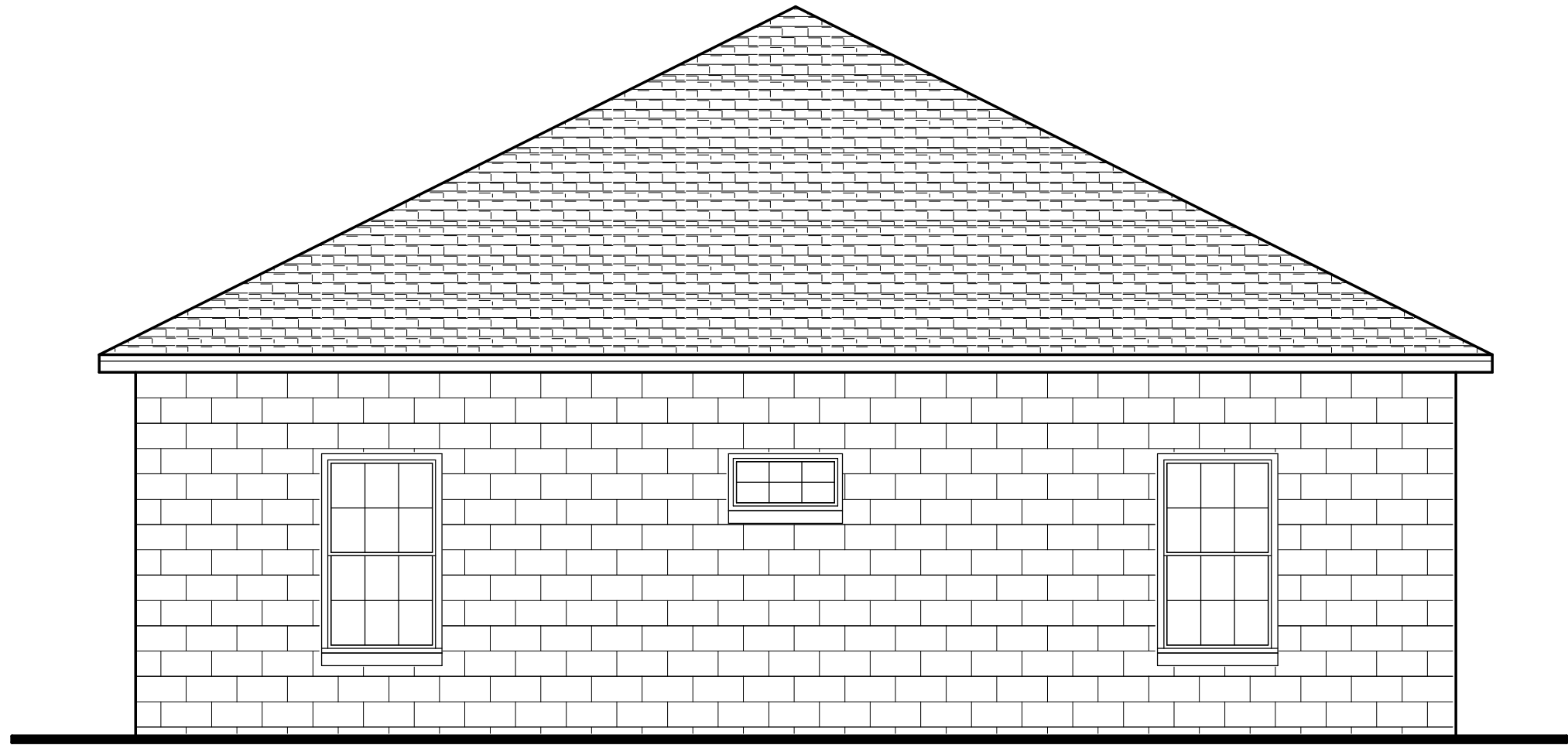
SHEET NO. **1**
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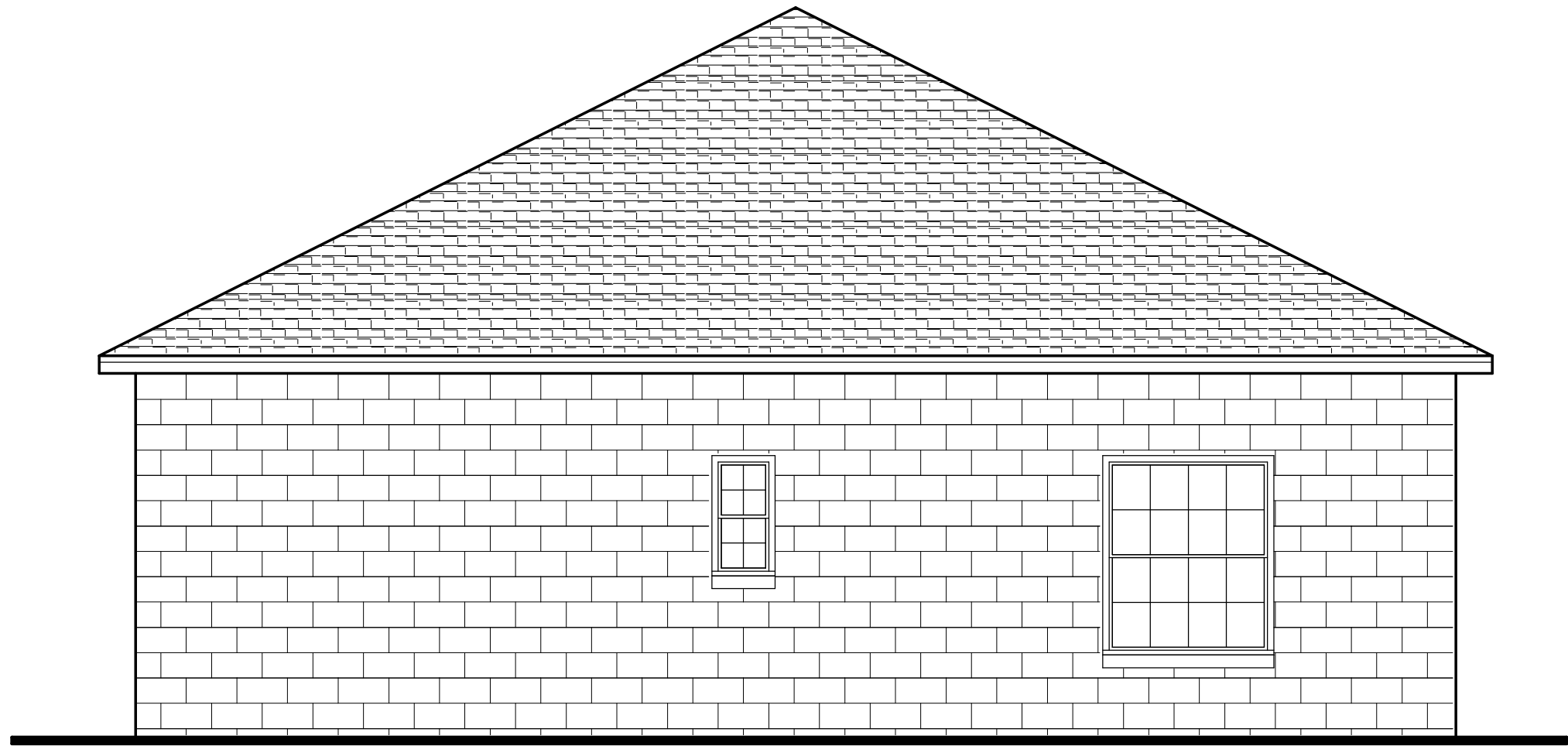
REAR ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

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-216

WALL LEGEND

FRAMED WALL

BEARING WALL

BEARING WALL (FLOOR SYSTEM ONLY)

8" CMU WALL

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
1768/300 = 5.9 /2 = 2.9* 144 = 418
418 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



AREA CALCULATIONS	
TOTAL LIVING	1664 S.F.
ENTRY PORCH	104 S.F.
TOTAL AREA UNDER ROOF	1768 S.F.

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

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RANDOLPH WIGGINS, P.E. FL # 15721
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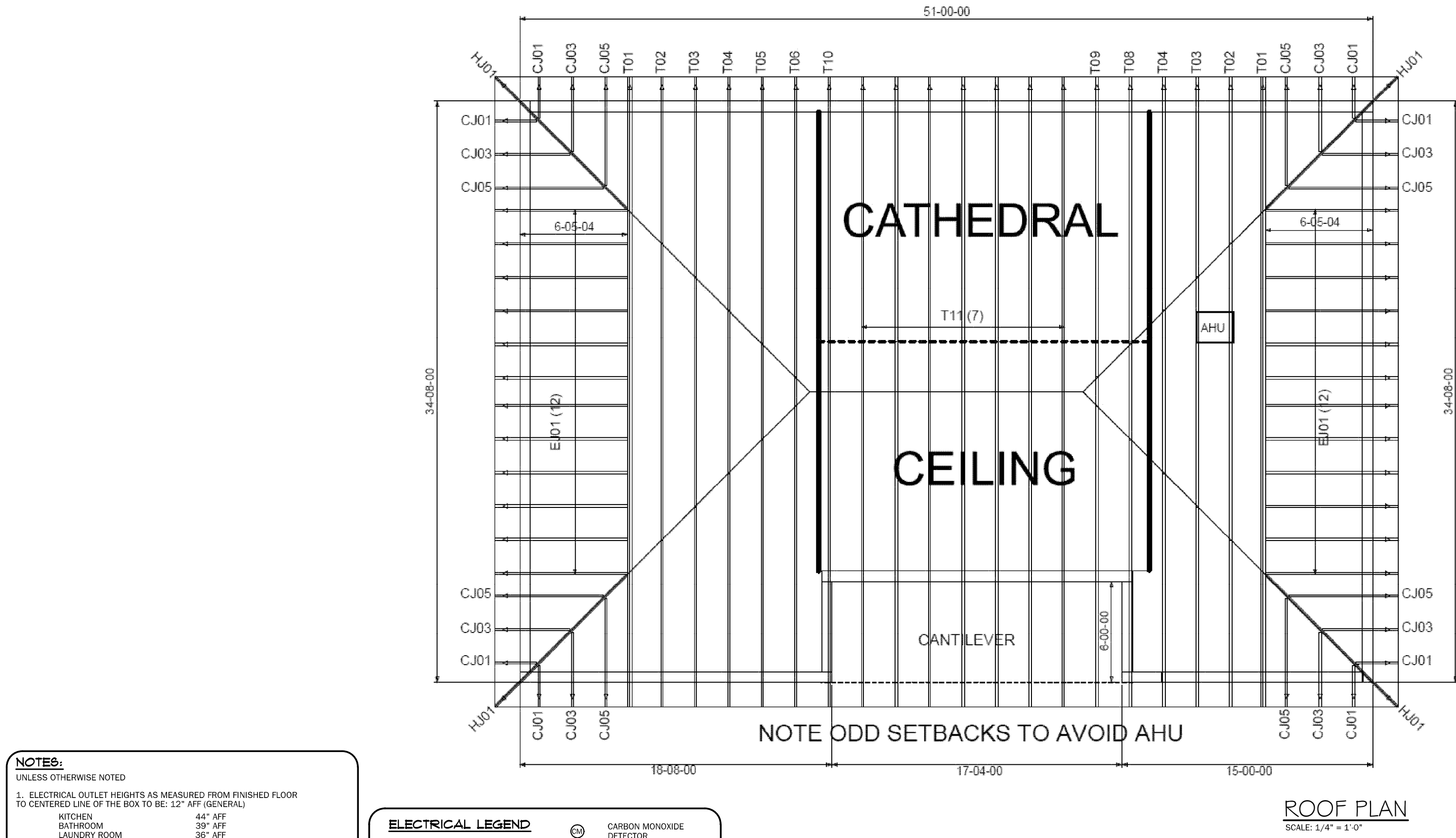
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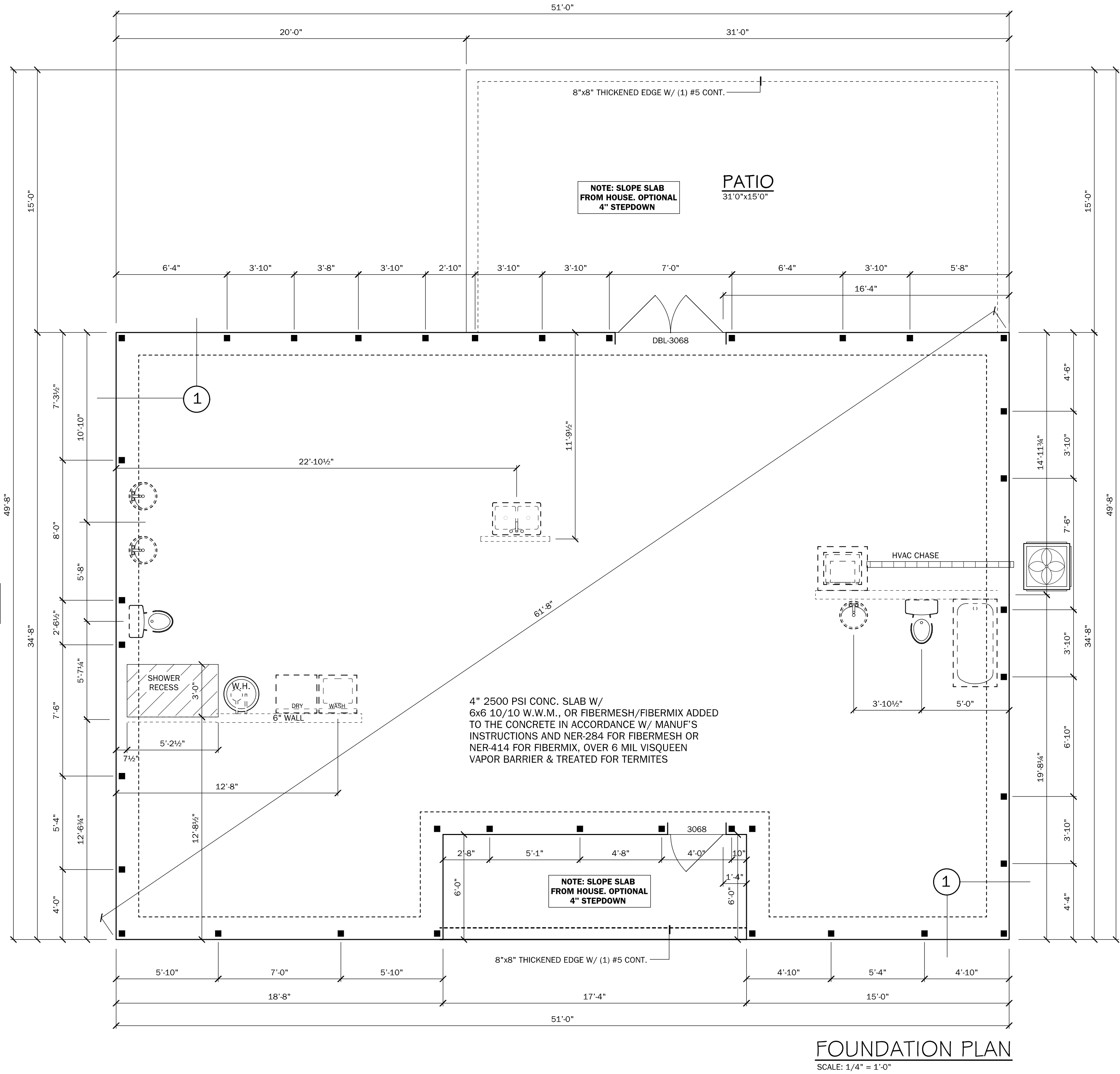
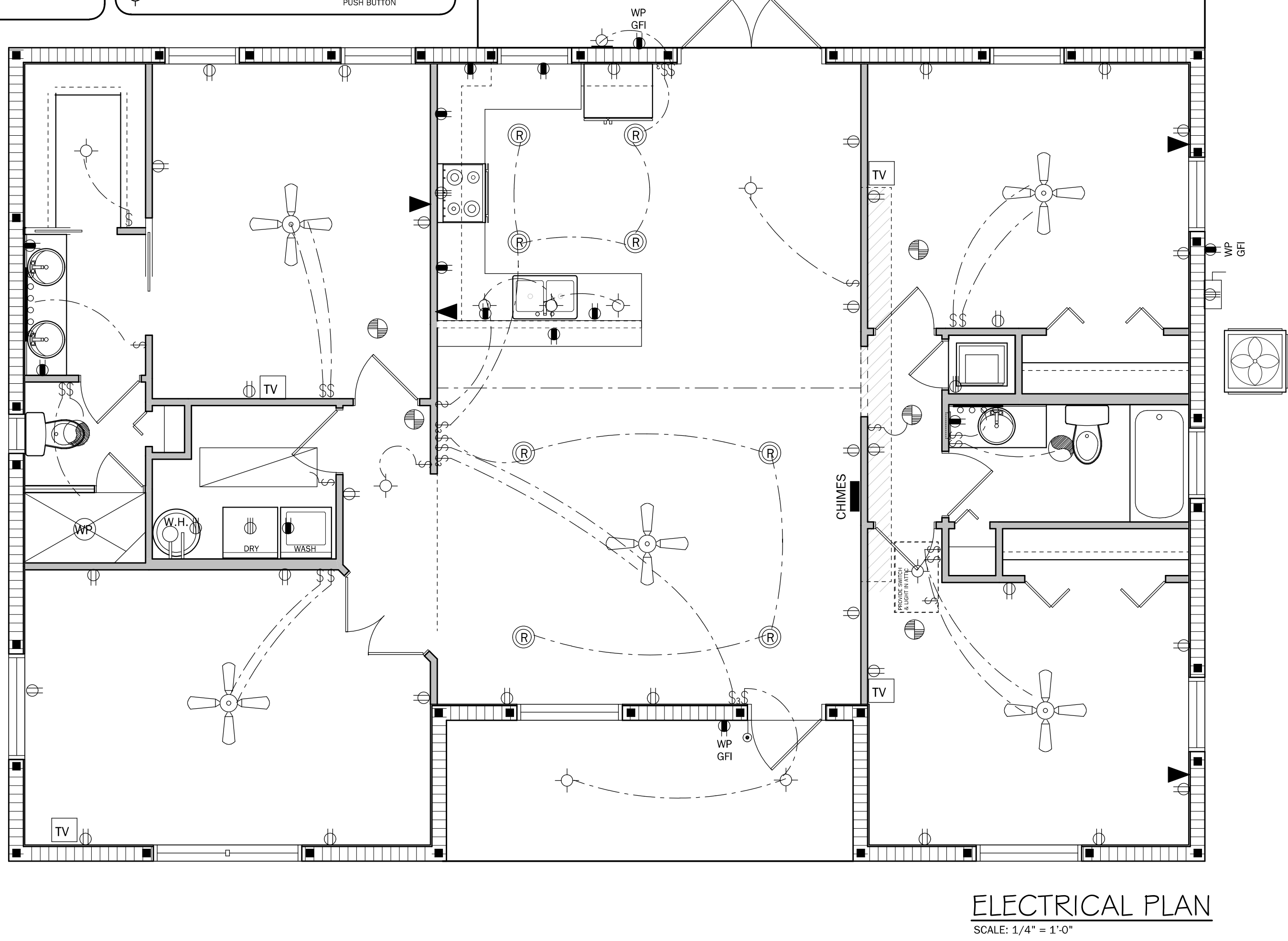
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- NOTES:
- UNLESS OTHERWISE NOTED
- ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE: 12" AFF (GENERAL)
 - ALL TRIM PLATES & DEVICES TO BE GANGED, WHERE POSSIBLE.
 - ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.
 - ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.
 - SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 907.
 - KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS
 - IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.
 - BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING. ATTIC SPACE AND SOFFITS ARE NOT ACCEPTABLE.
 - ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 dBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS ALARMS WARNING WHEN THE DOOR OR WINDOW ARE OPENED.
 - STOVE AND DRYER TO HAVE NEUTRAL
 - PROVIDE TAMPER RESISTANT RECEPTACLES WHERE APPLICABLE
 - PROVIDE ARC-FAULT RECEPTACLES ON ALL 15 & 20 AMP NON GFCI PROTECTED CIRCUITS



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PROFESSIONAL ENGINEER

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE
FLORIDA BUILDING CODE AND ANY SHEET IS VALID ONLY
FOR THE STRUCTURAL DESIGN

RANDOLPH WIGGINS, P.E. P. # 15721
DATE: 06-08-2021

Randolph Wiggins

2021.01.2
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-05'00'

STEVE SMITH

CONSTRUCTION INCORPORATED

PROJECT:

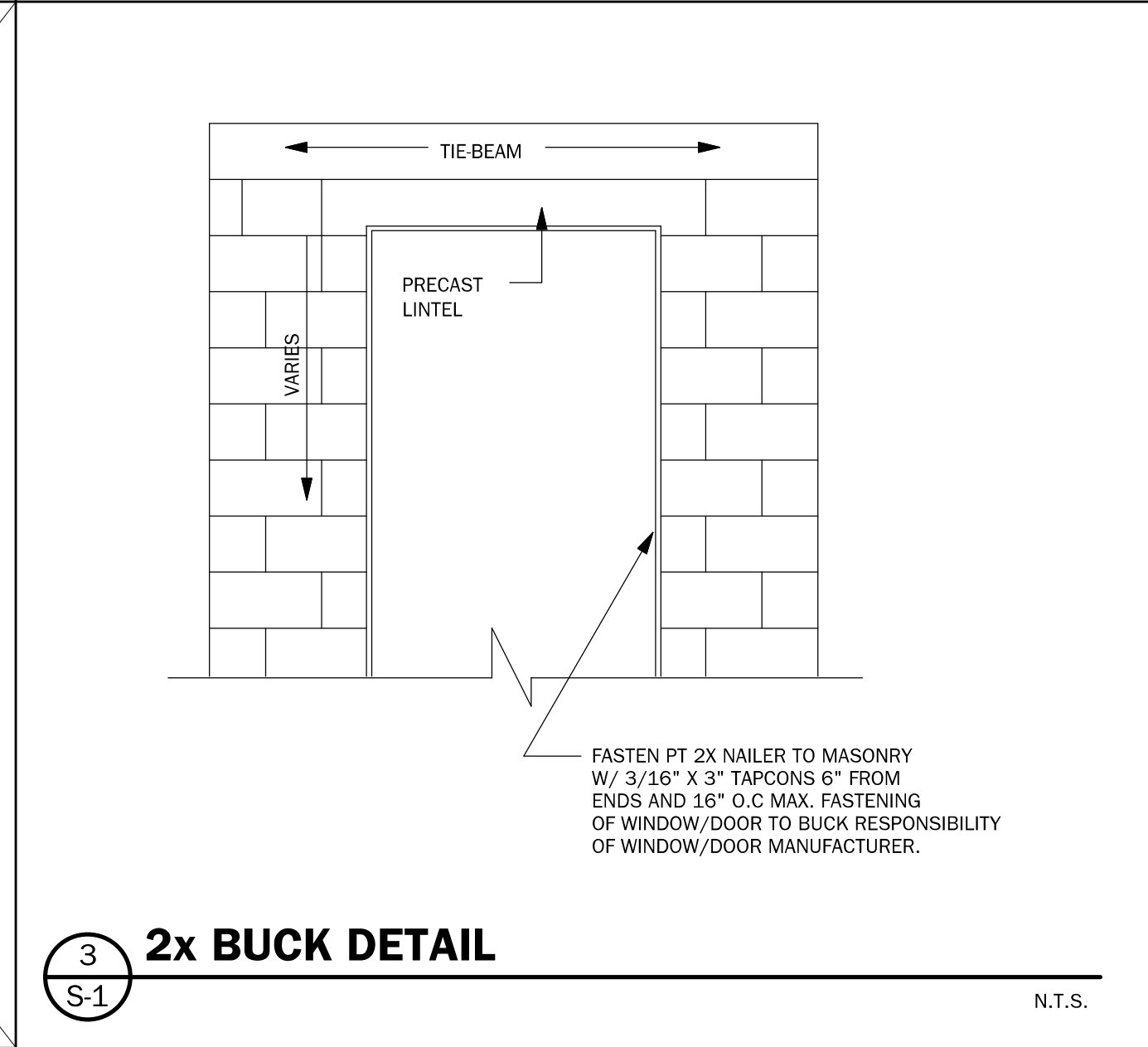
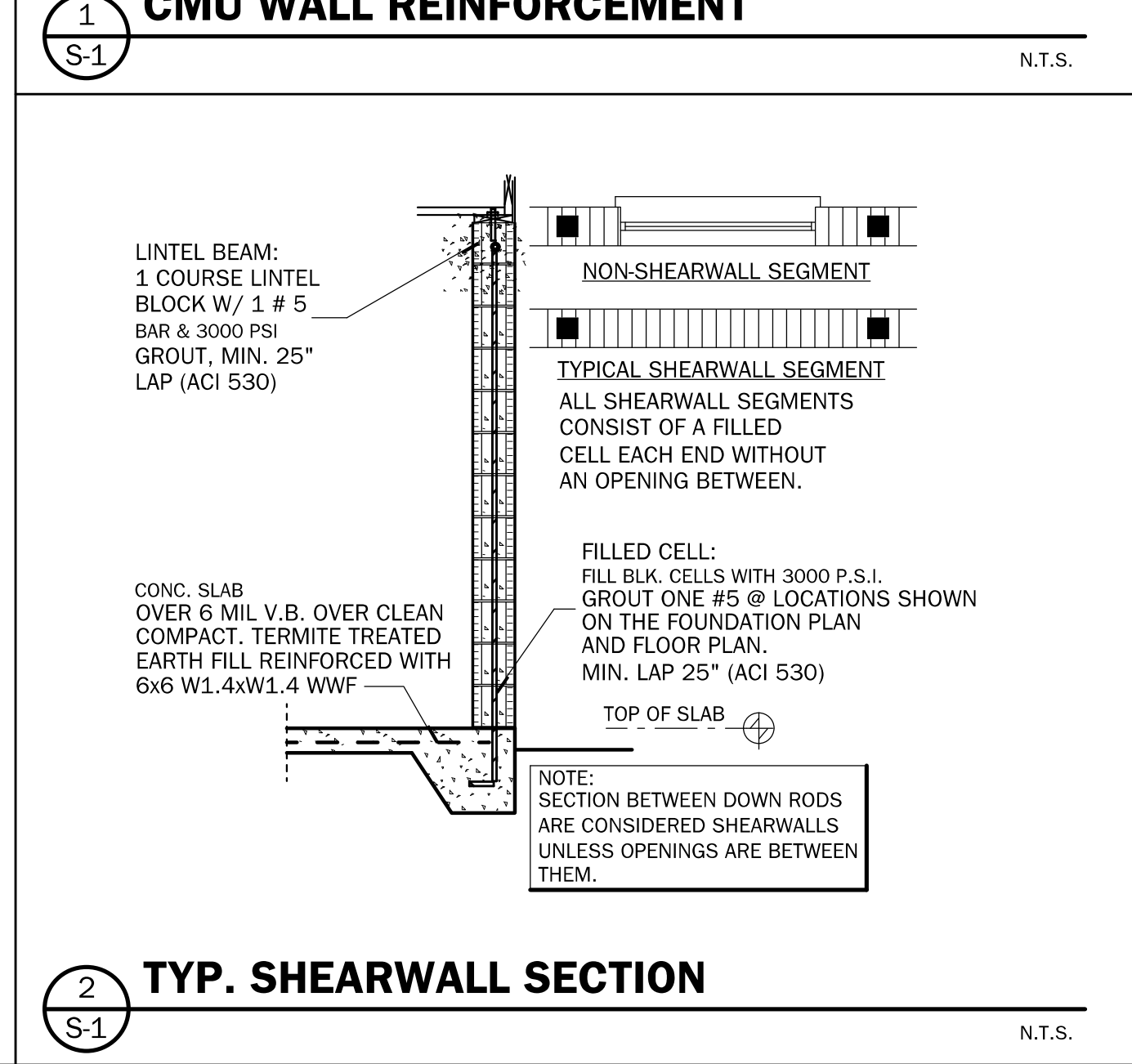
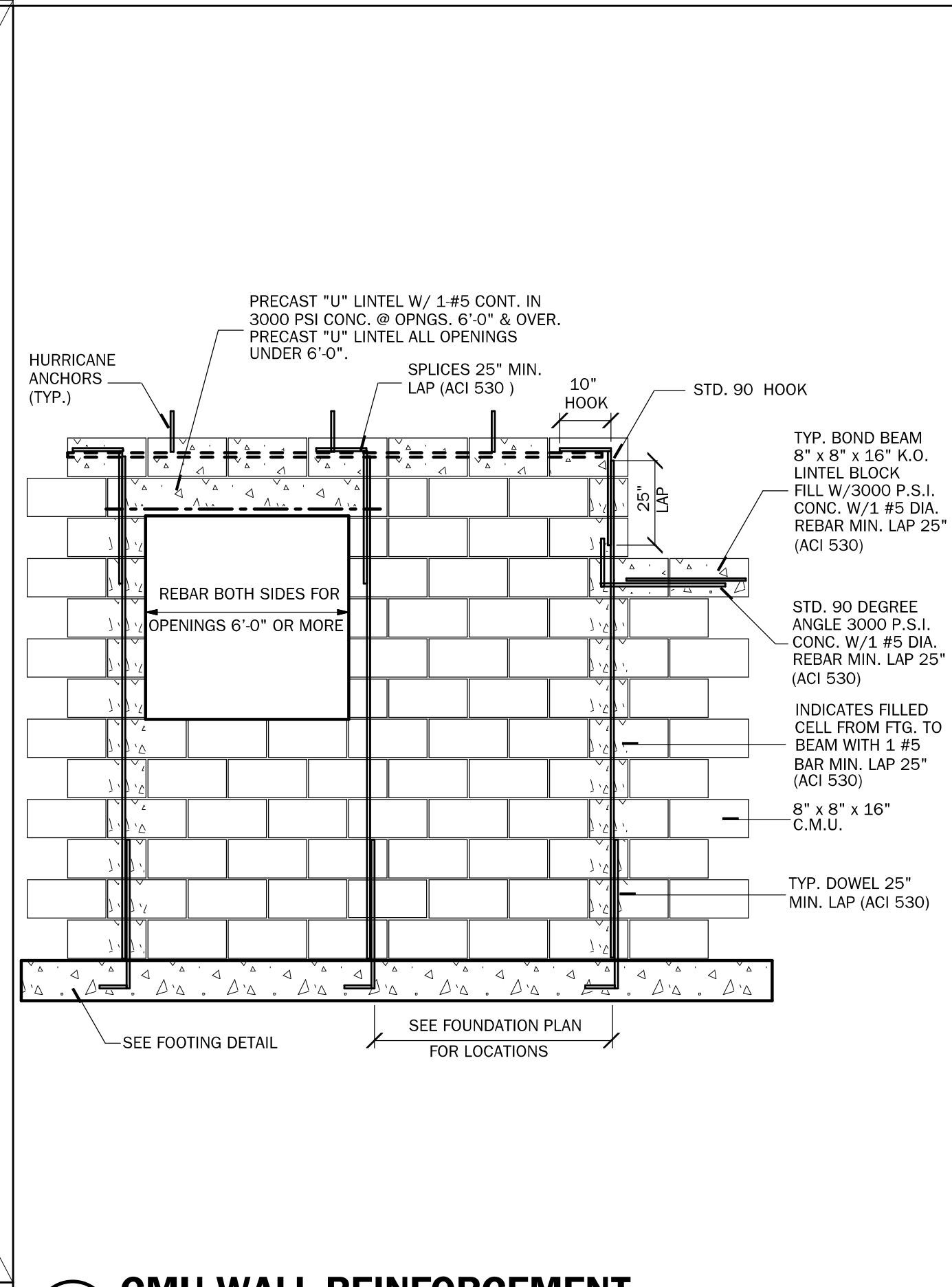
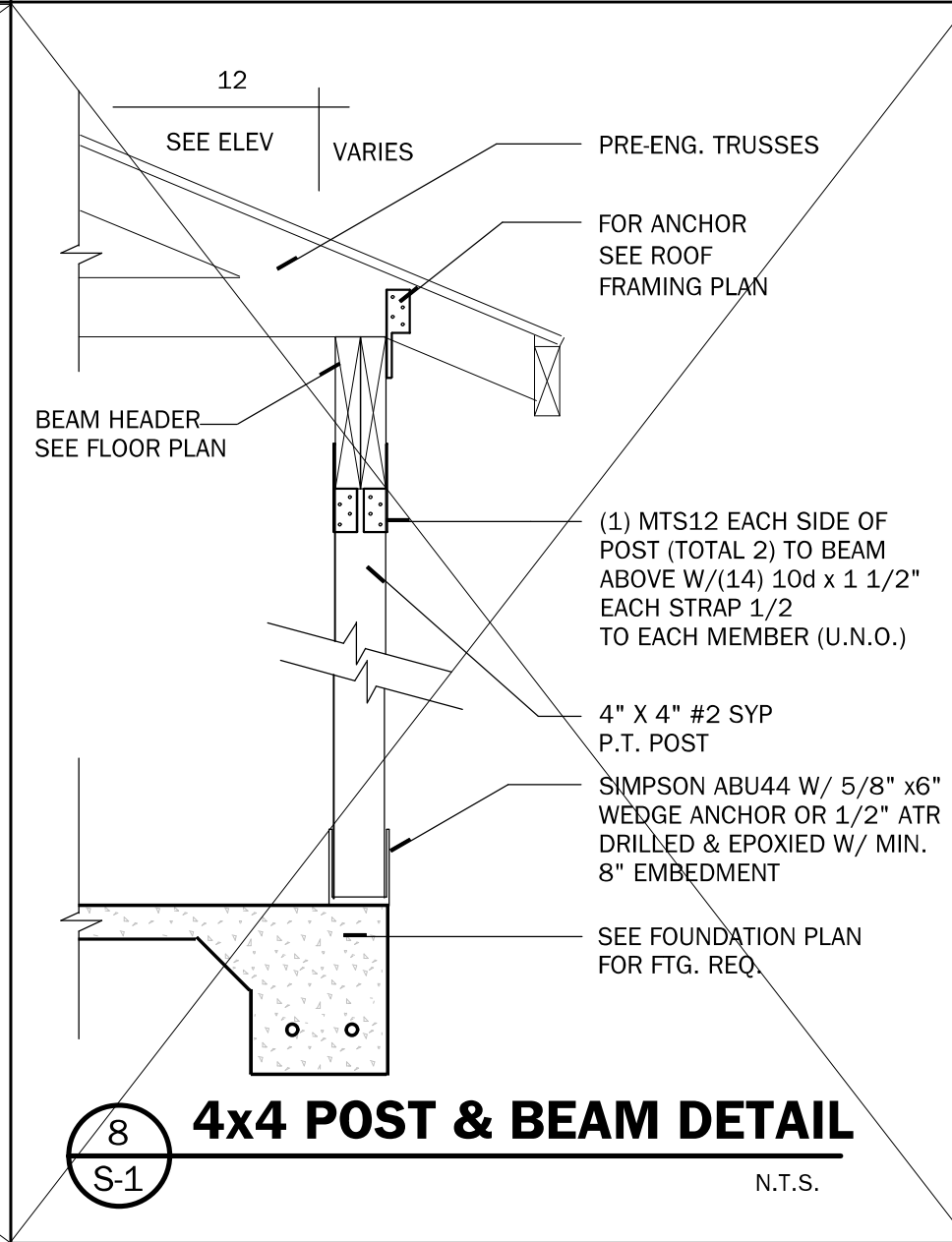
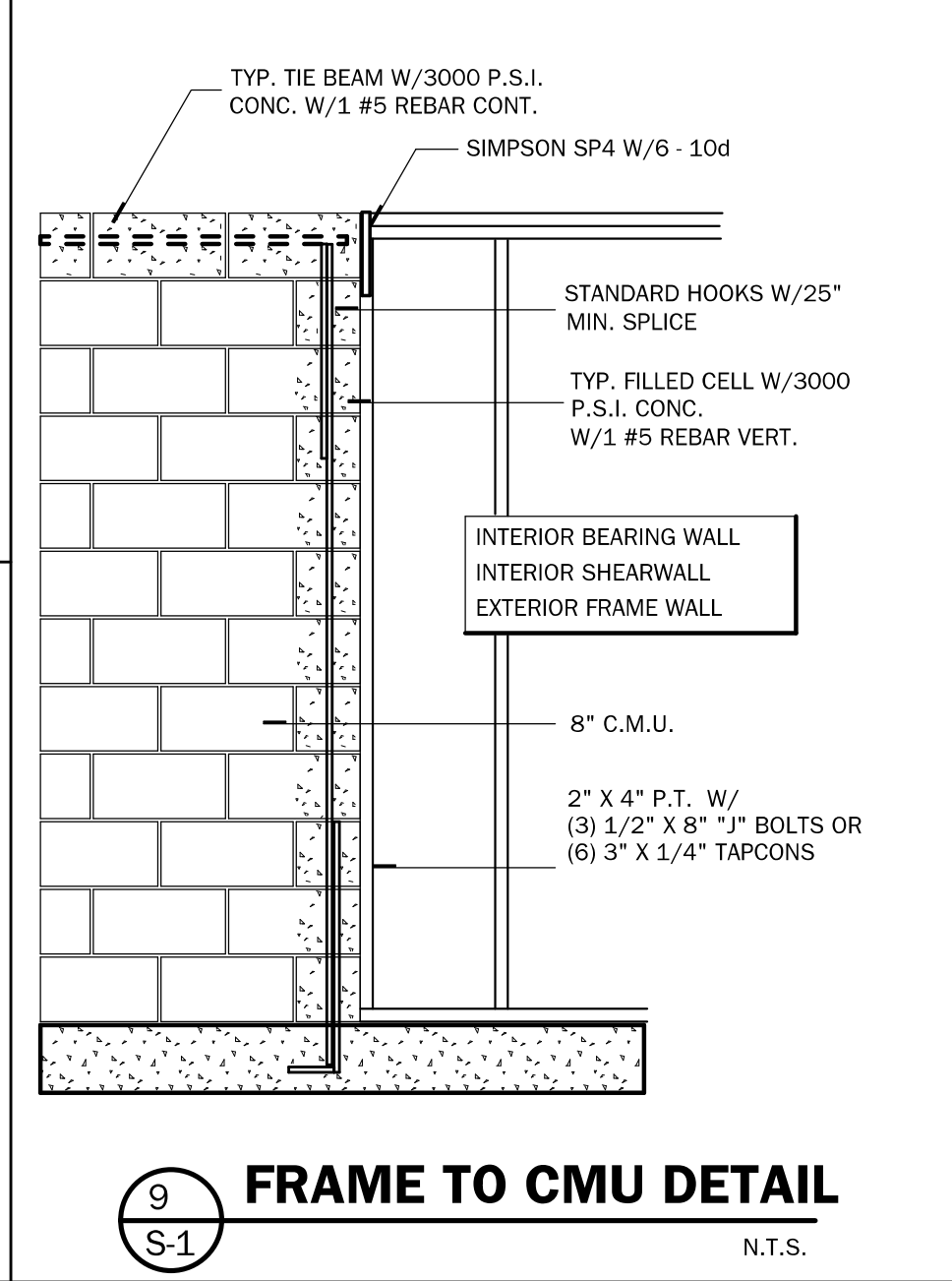
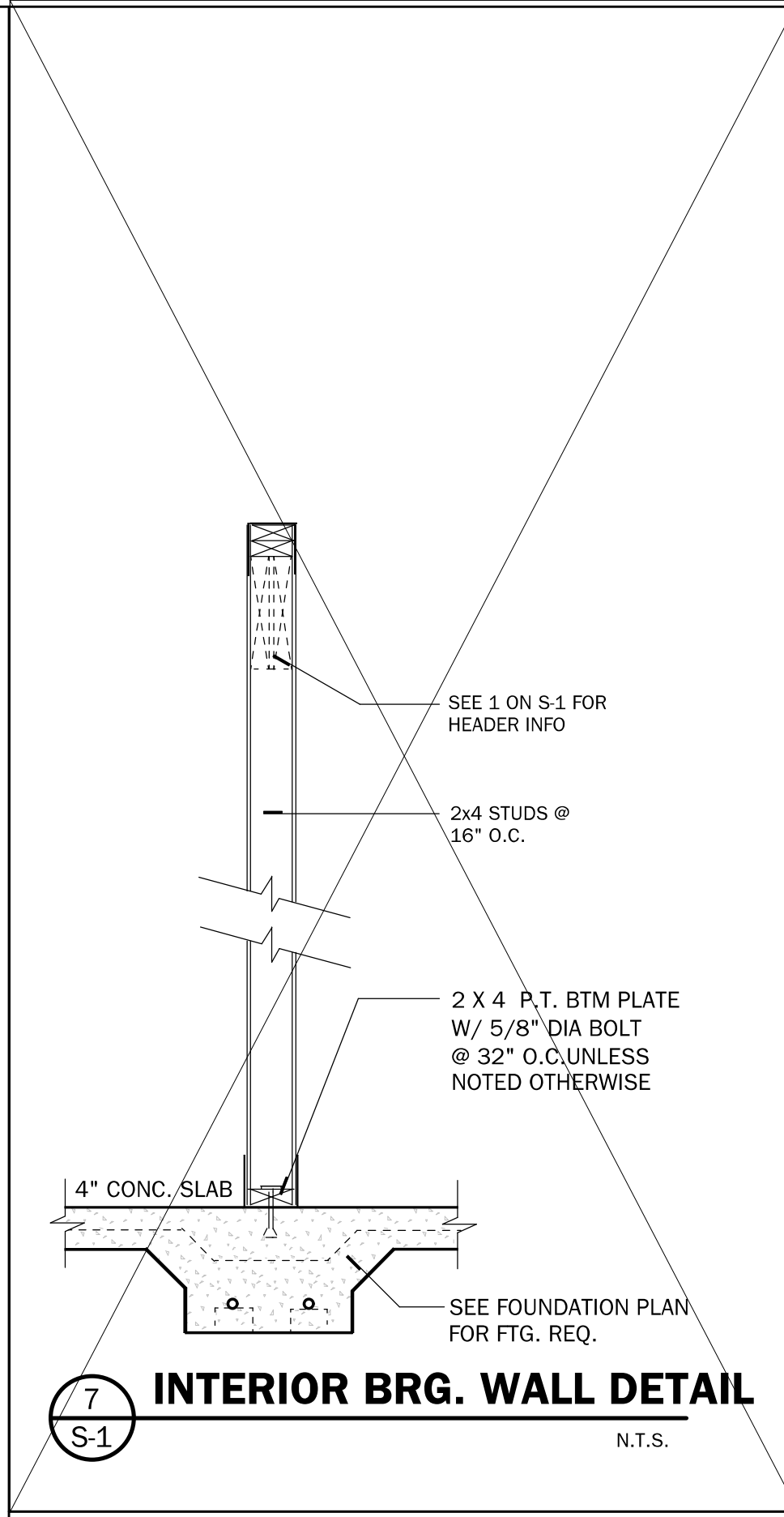
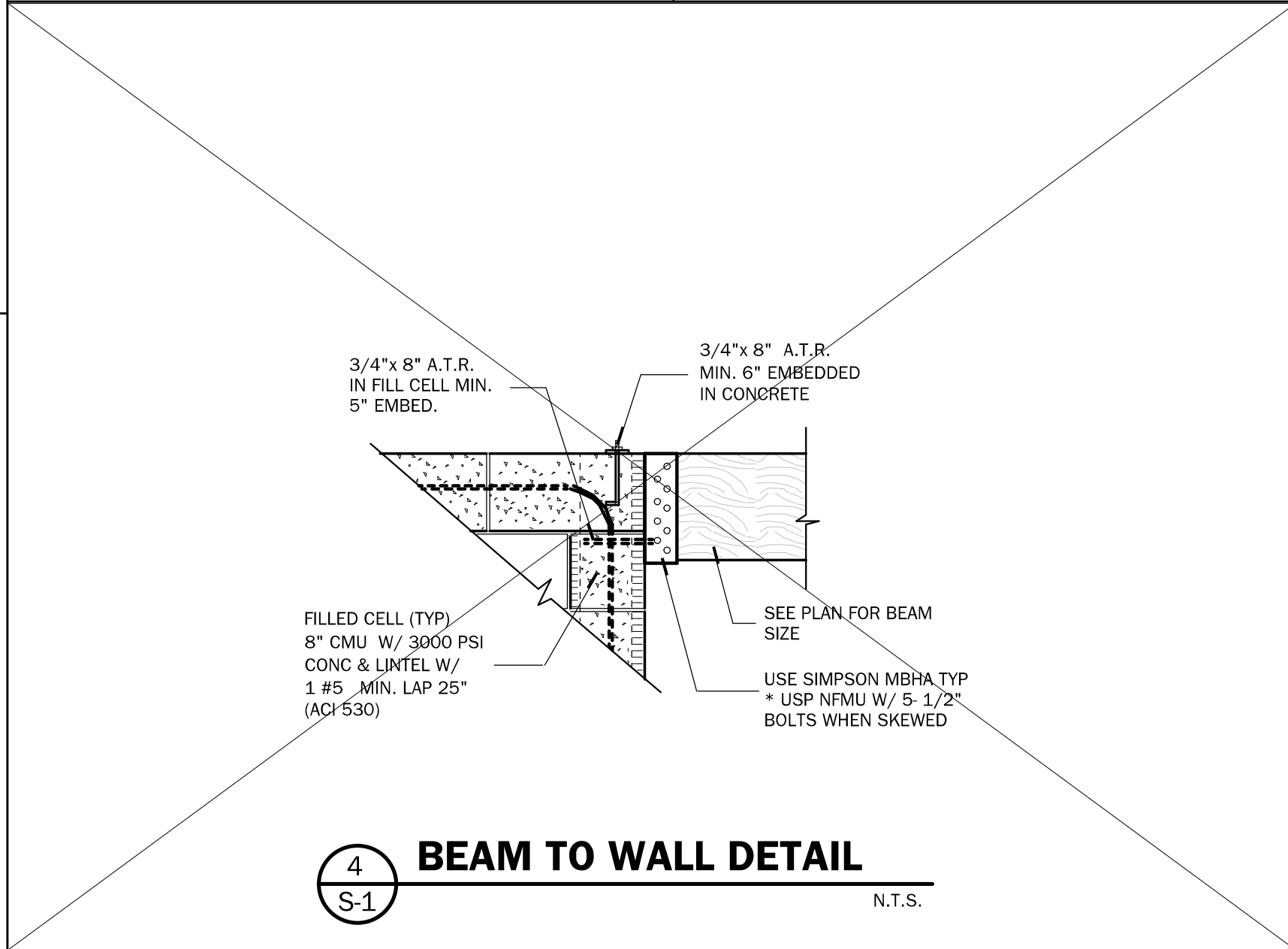
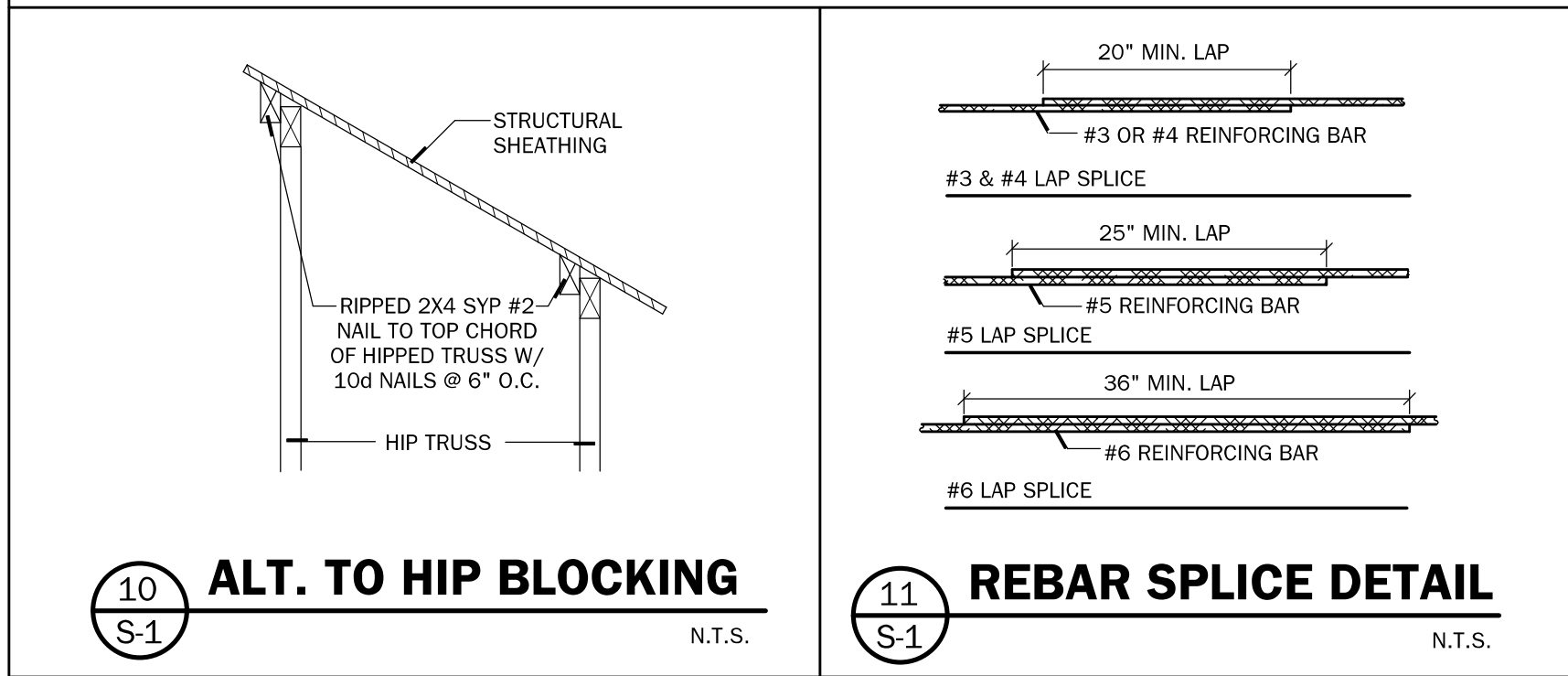
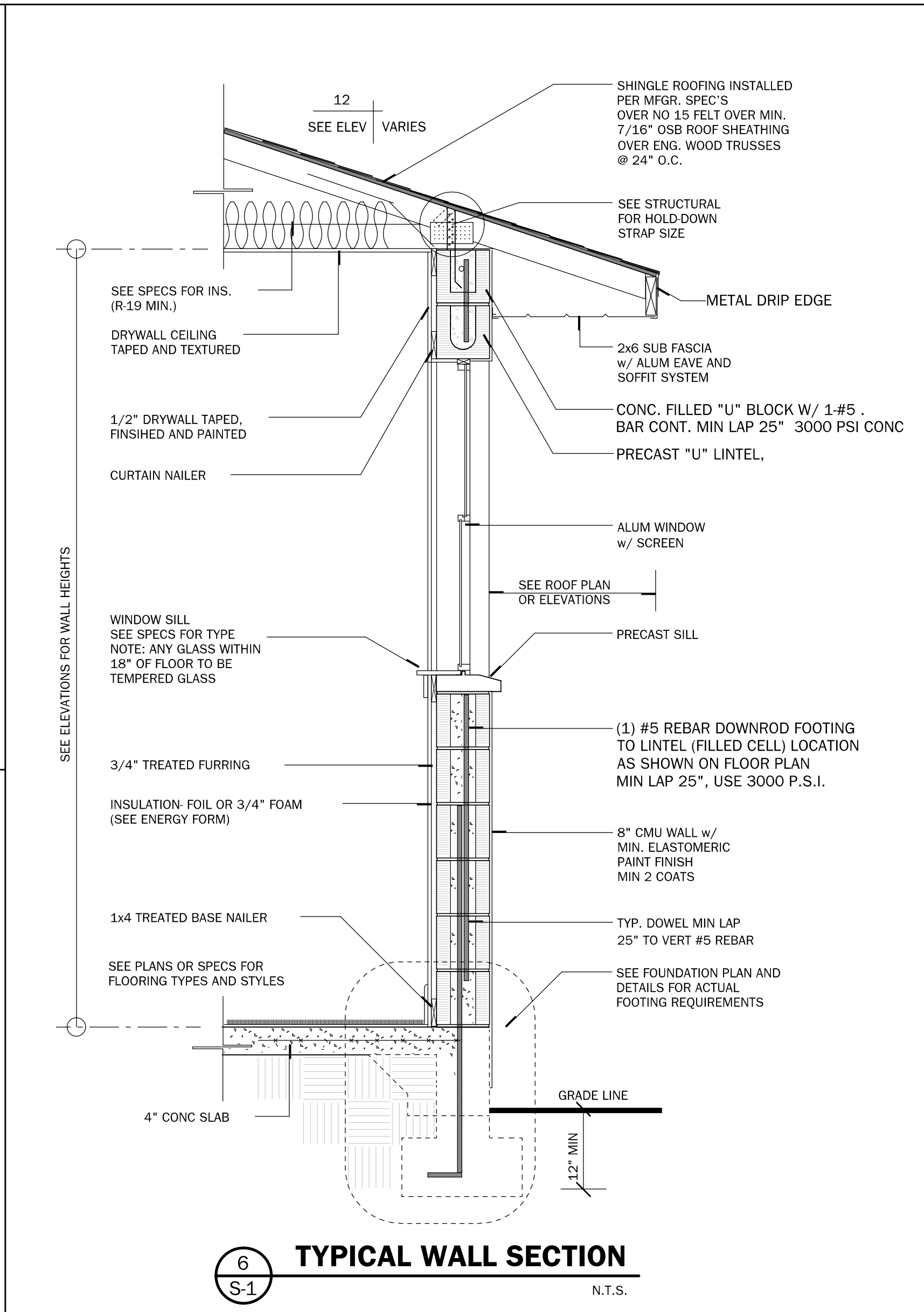
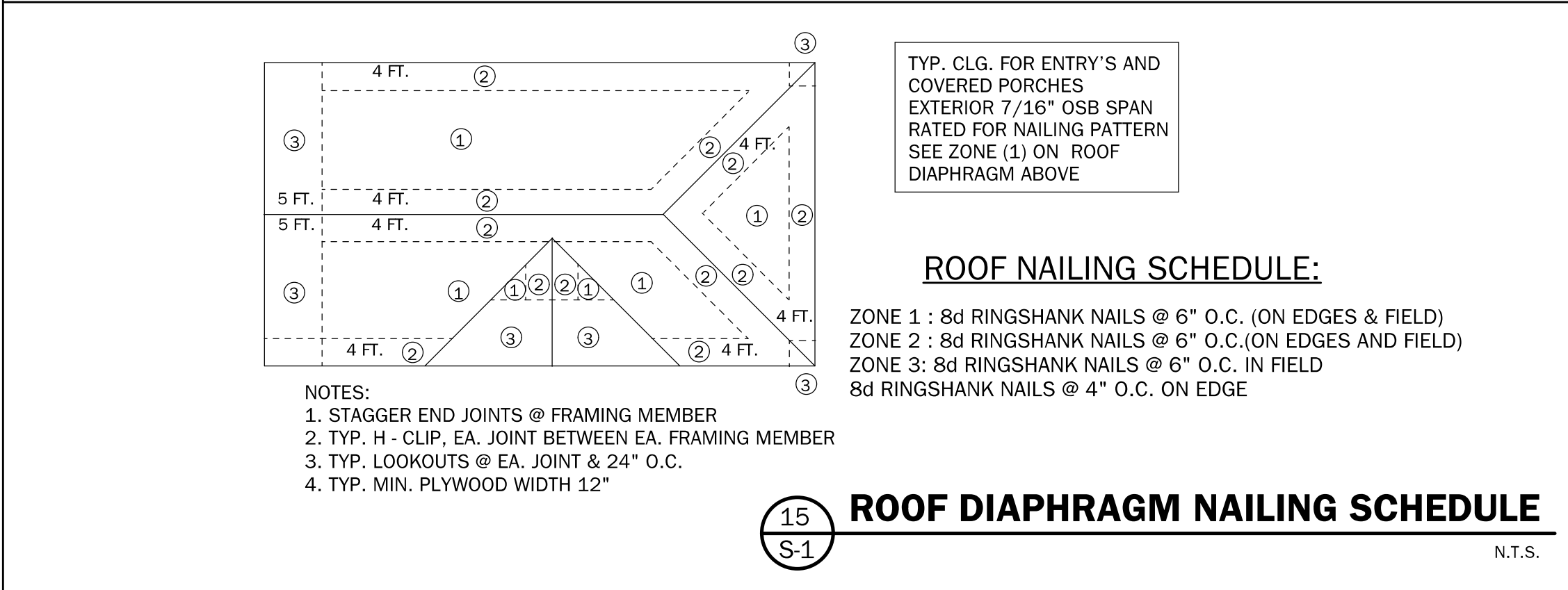
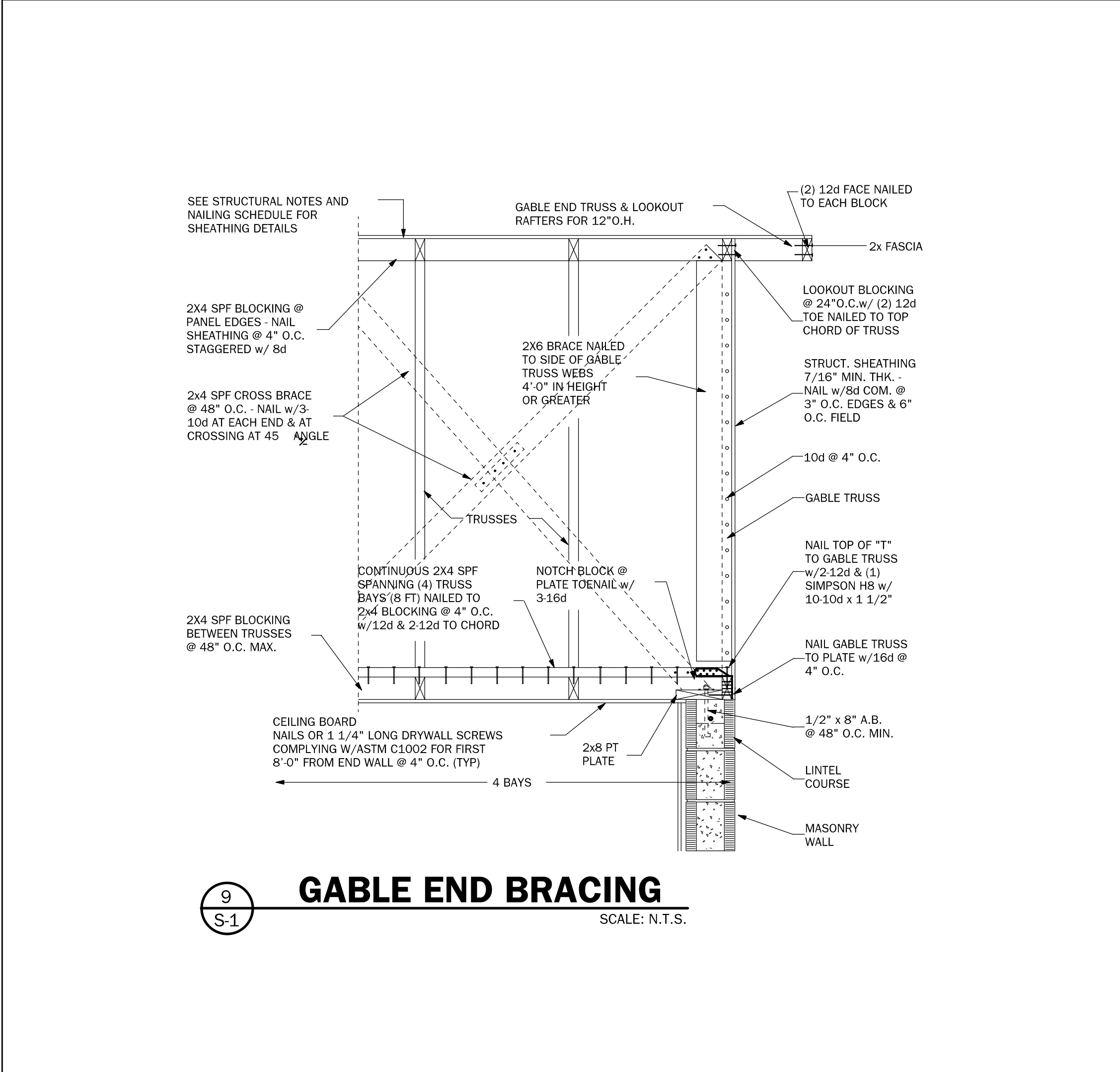
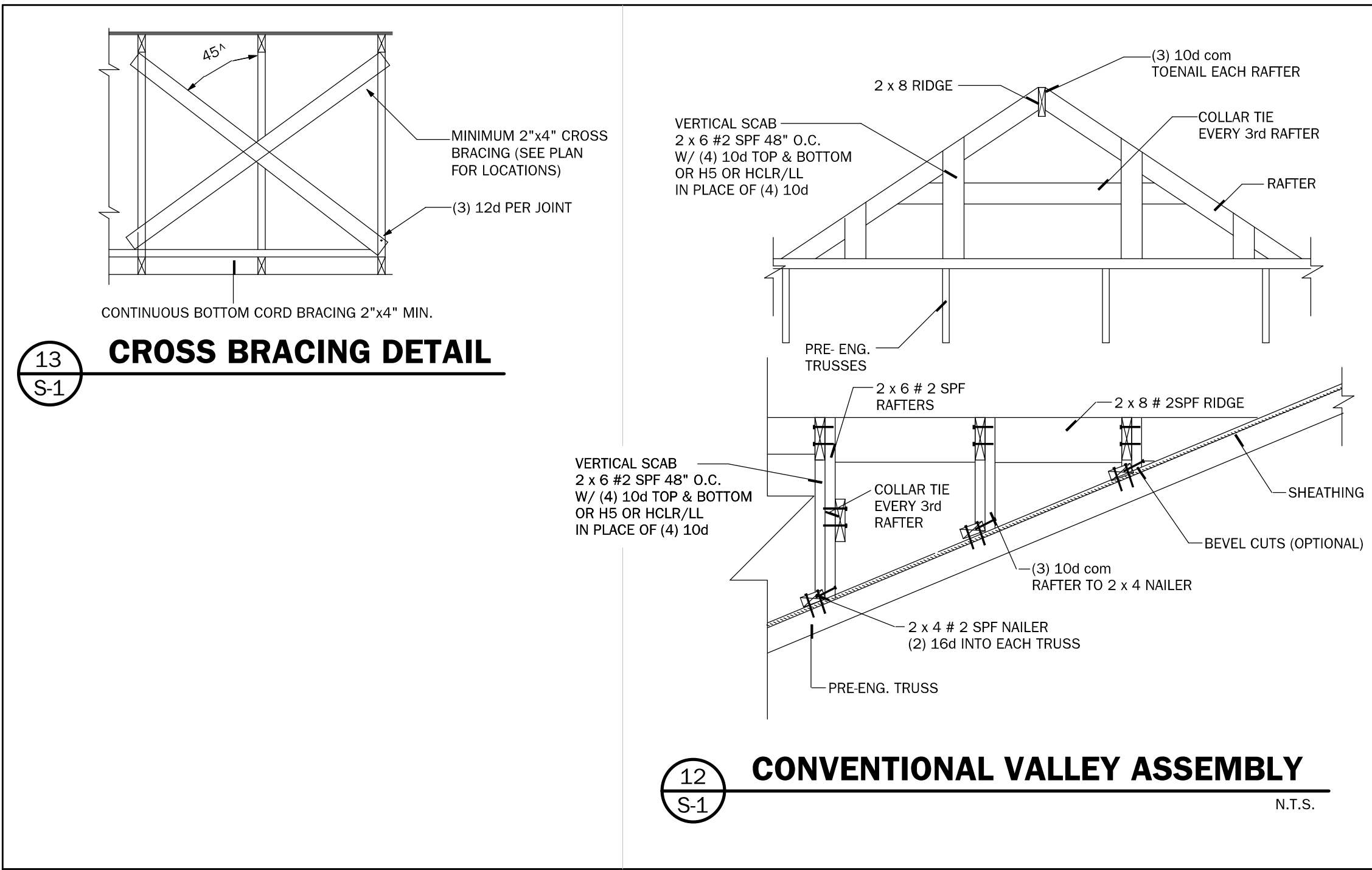
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SHEET NO.

3 OF 4

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PROFESSIONAL ENGINEER

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