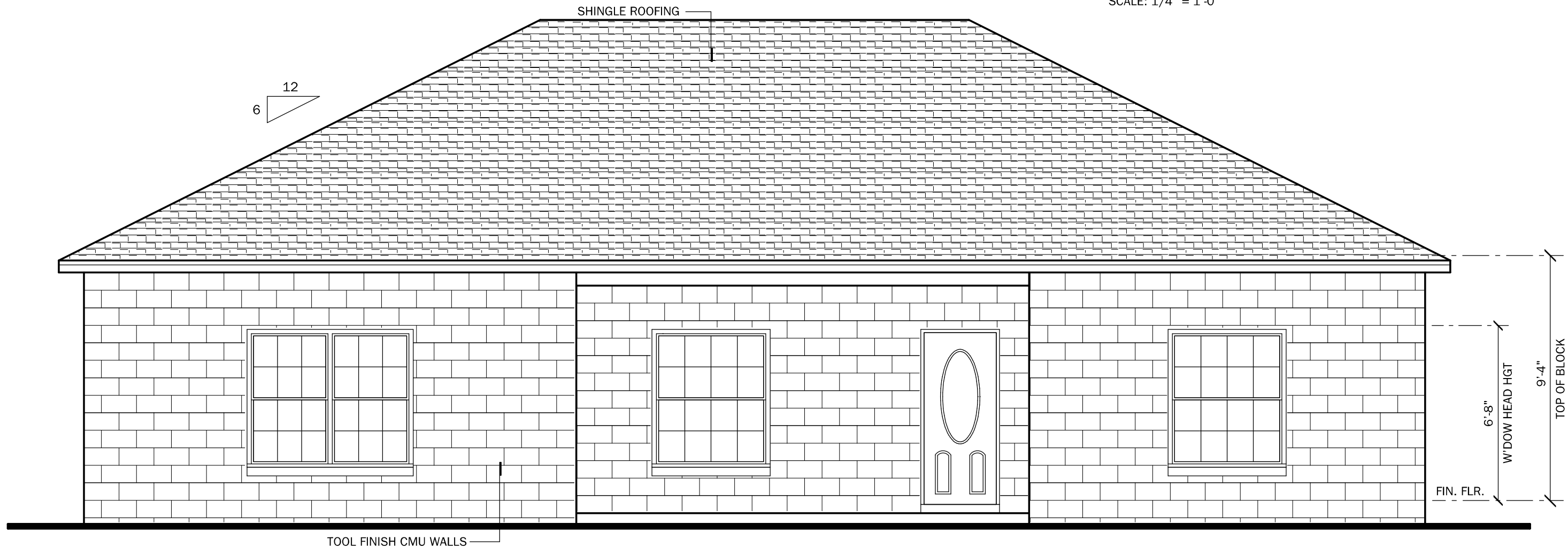
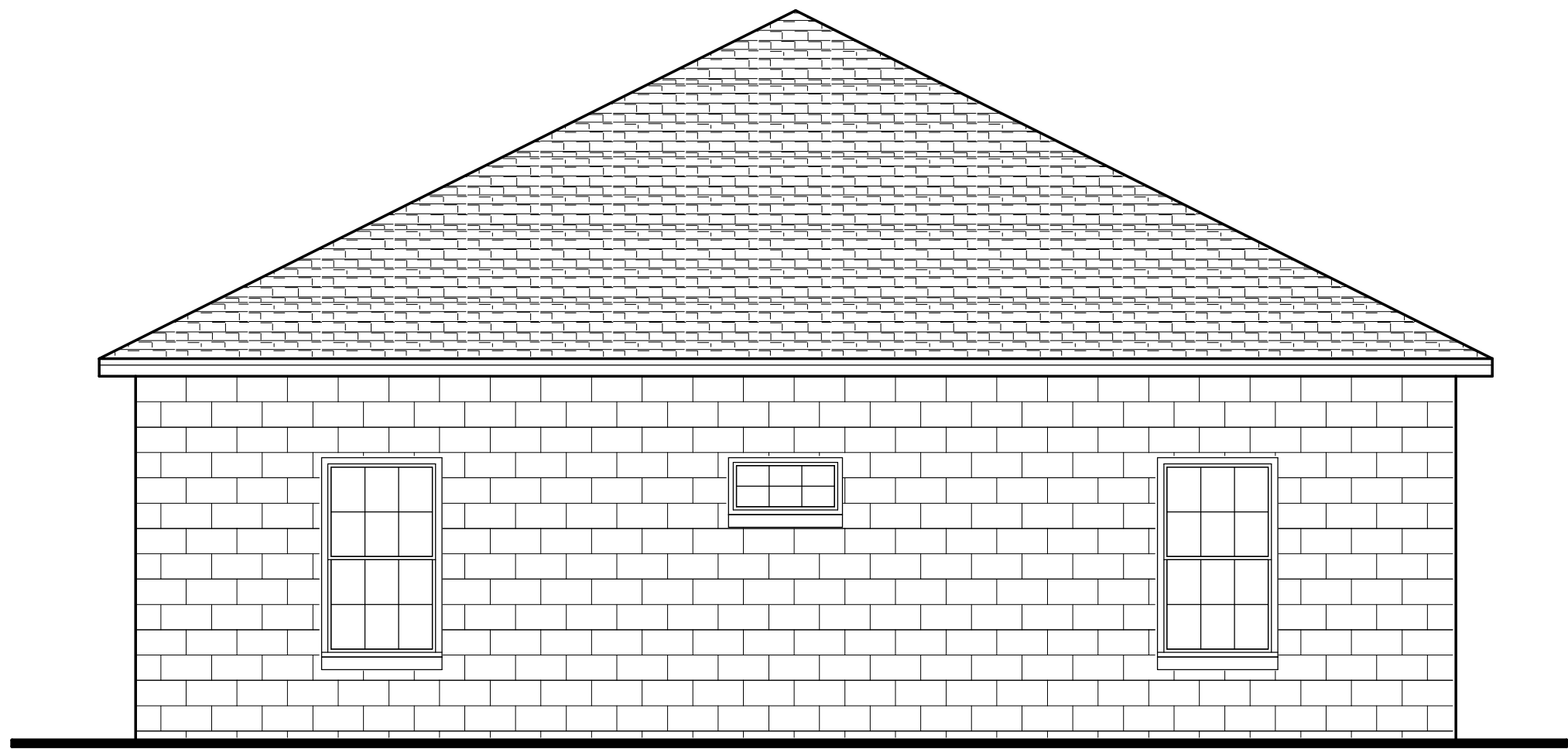


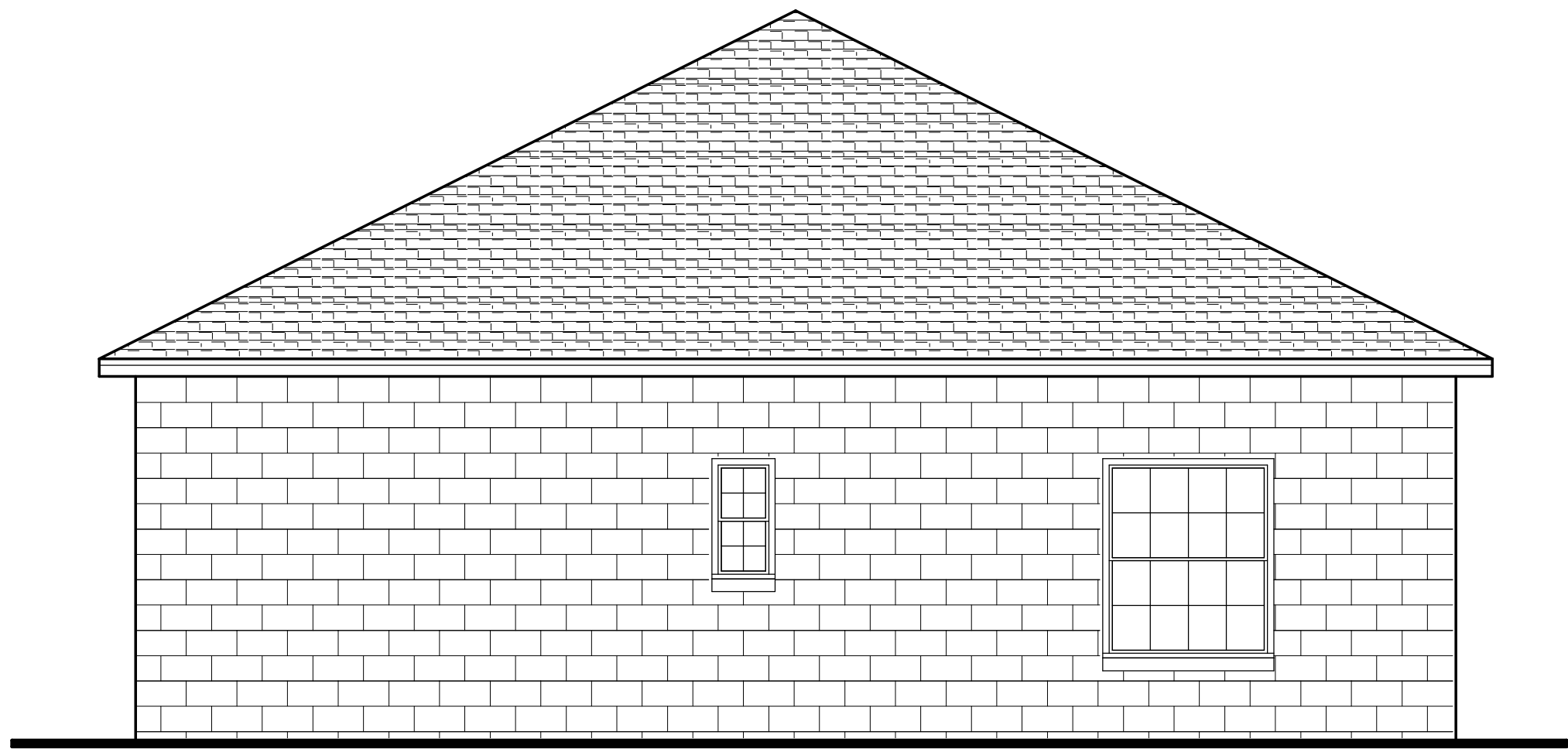
REAR ELEVATION  
SCALE: 1/4" = 1'-0"



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



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

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

**Residential Design**

1431 E. Wade Street  
Trenton, FL 32693  
352-274-3006  
tchdesigns@gmail.com

CAD PLAN ENTRY  
PLAN REVISIONS  
CUSTOM DESIGNS

**RANDOLPH WIGGINS, P.E.**

1431 E. Wade Street, Suite B Trenton, FL 32693  
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE  
MINIMUM REQUIREMENTS OF THE FLORIDA BUILDING  
CODE, 2010 EDITION, AS AMENDED.

RANDOLPH WIGGINS, P.E. FL # 15721  
04/26/2021 06/06/2021

**STEVE SMITH**  
CONSTRUCTION INCORPORATED

#CBC1256817  
9651 NE 110th Ave Archer, FL 32618  
(352) 486-4290

PROJECT:  
Newton Residence  
Lot 54 SW Rum Island Terrace  
Ft. White, FL 32038  
Columbia County

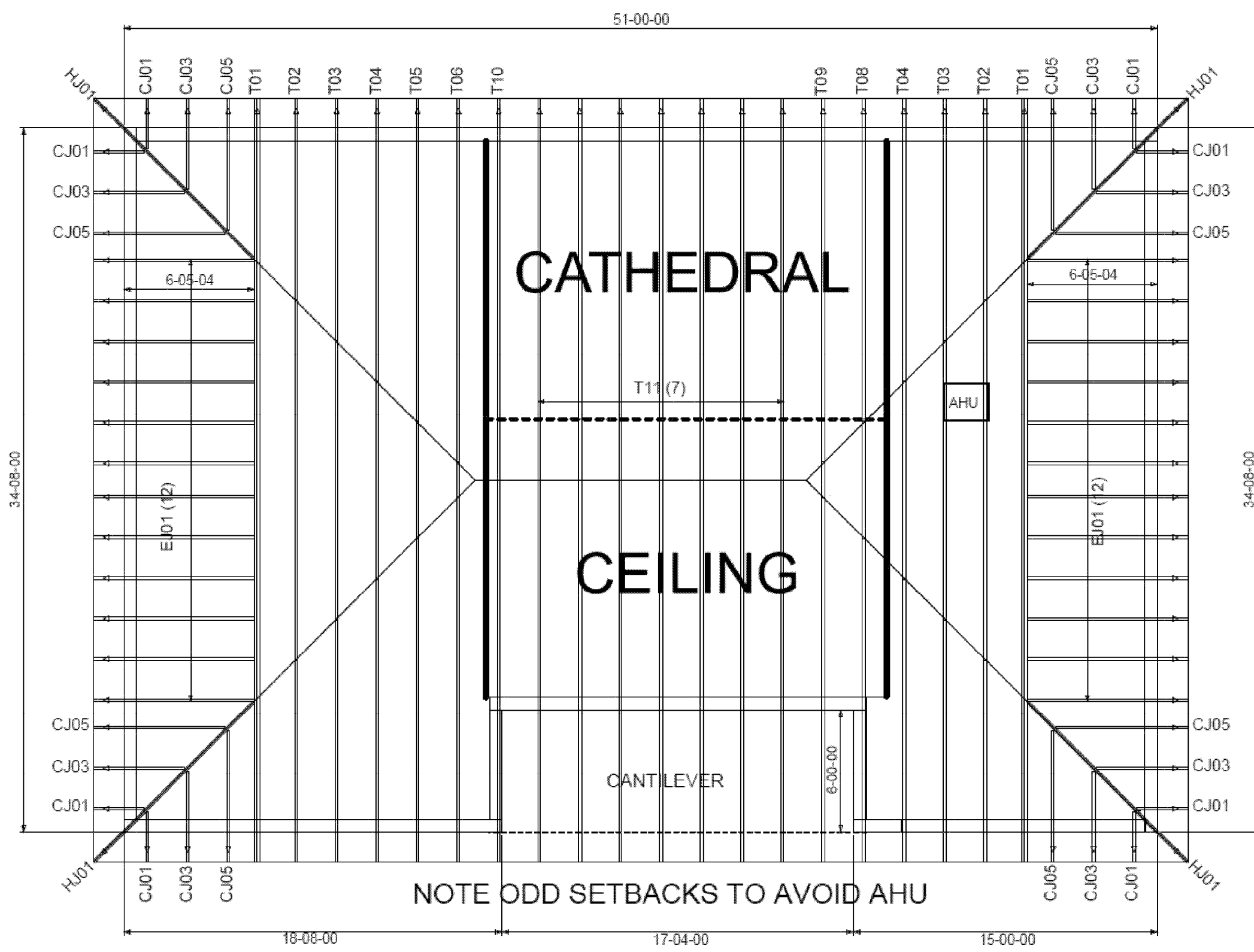
LAST PLOT DATE: January 06, 2021

SHEET NO.

2  
OF  
4

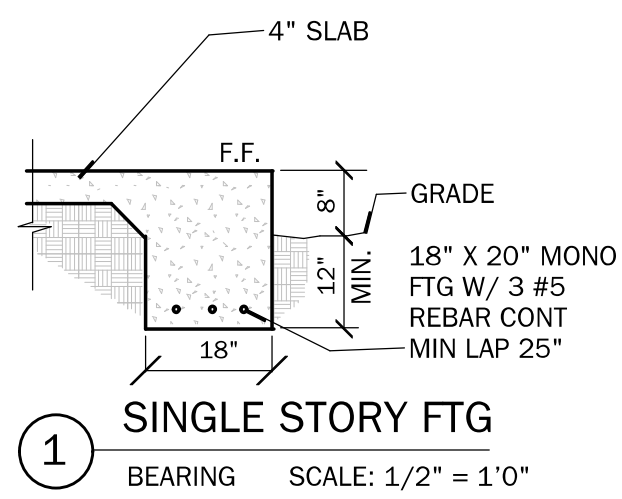
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MARK	HOLD DOWN ANALYSIS	UPLIFT
	<p><b>UNLESS NOTED OTHERWISE:</b></p> <p>1. ALL HARDWARE TO BE SIMPSON (OR USP)</p> <p>2. CMU CONNECTIONS = HETA16 W/ 9-10d x 1 1/2 OR (HTA 16 W/ 13-10d x 1 1/2)</p> <p>3. WOOD CONNECTIONS = H2.5 W/ 10 TOTAL #d FROM OF UPLIFT TO 415# OR (RT3 W/ 8 TOTAL #d FROM OF UPLIFT TO 415#) AND H10 W/ 14-10d OR (MTW 12 W/ 14-10d) FROM 416# UPLIFT TO 860# UPLIFT</p>	1500#U
(A)	<p>2 - HETA 16 W/ 12 - 16d EACH, OR (2 - HTA16 W/ 10 - 16d EACH)</p> <p>NOTE: ONE STRAP EACH FACE STAGGERED.</p> <p>FOR 1-PLY TRUSSES USE 13-10d x 1 1/2" NAILS.</p>	<p>1-PLY 2035 #U</p> <p>2-PLY 2500 #U</p>

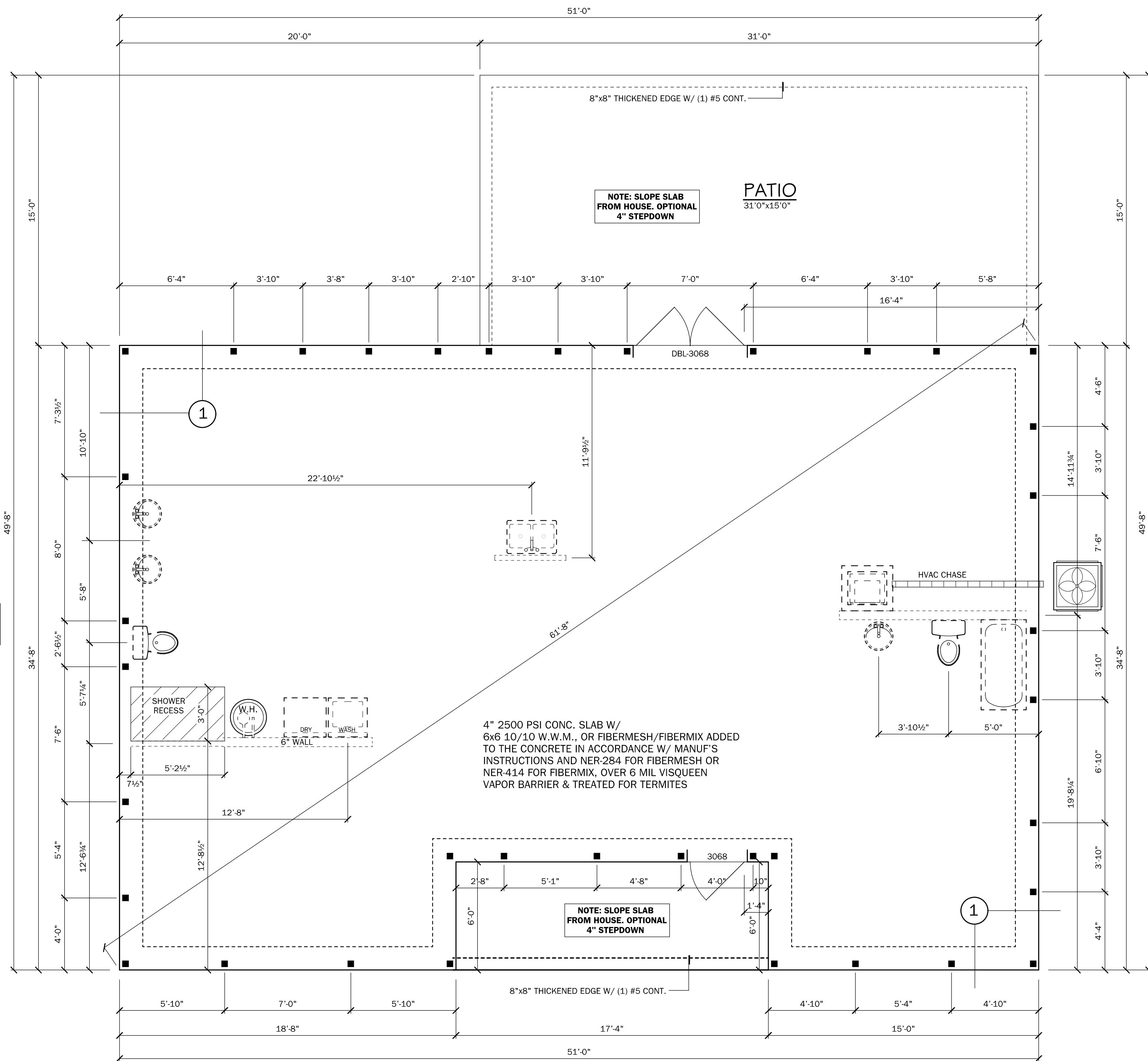
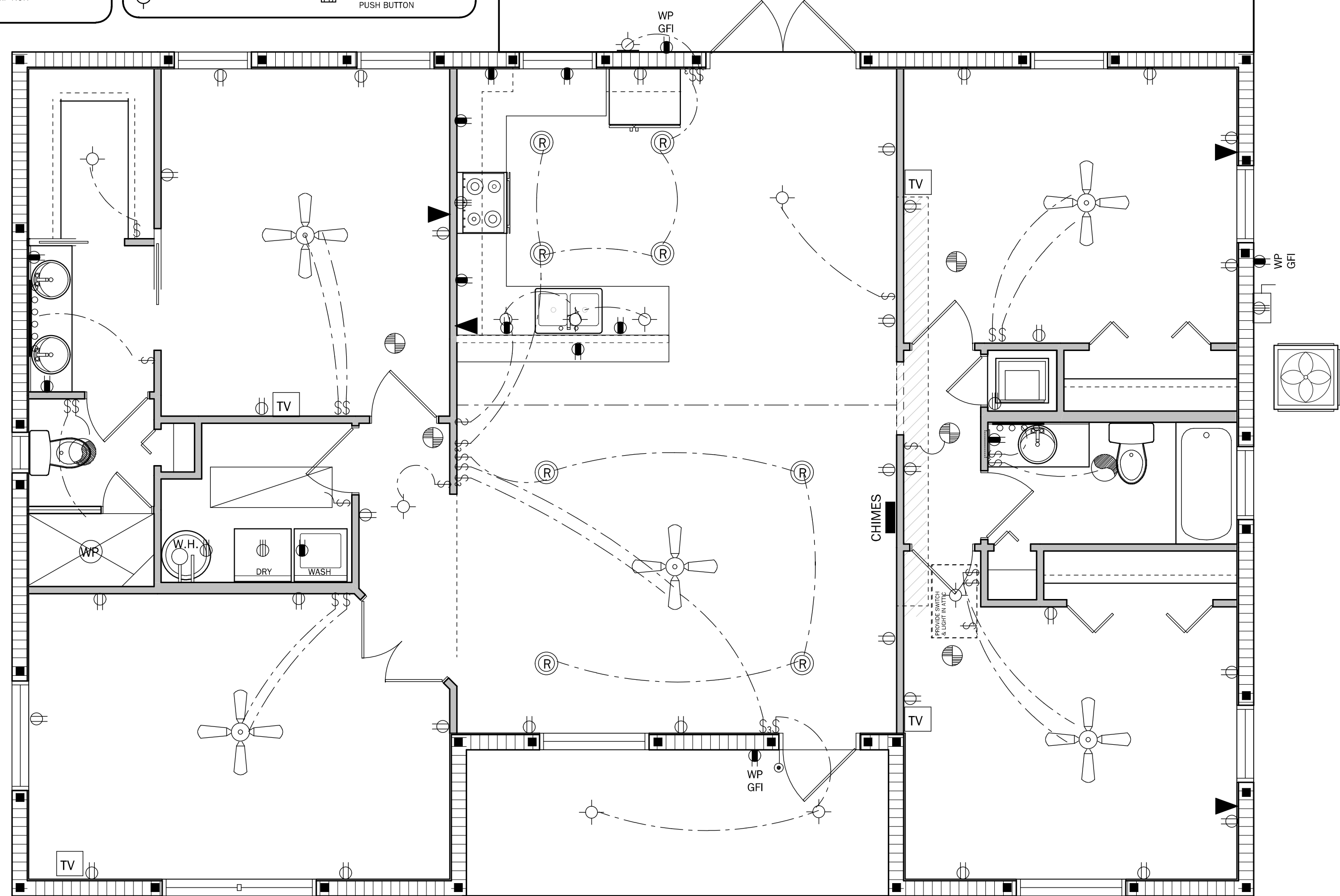
**NOTE:**  
**TRUSS TO MASONRY CONNECTORS**  
**TO BE SIMPSON HETA-16 TYP. U.N.O.**  
**TRUSS TO FRAME CONNECTORS**  
**TO BE SIMPSON H10 TYP. U.N.O.**



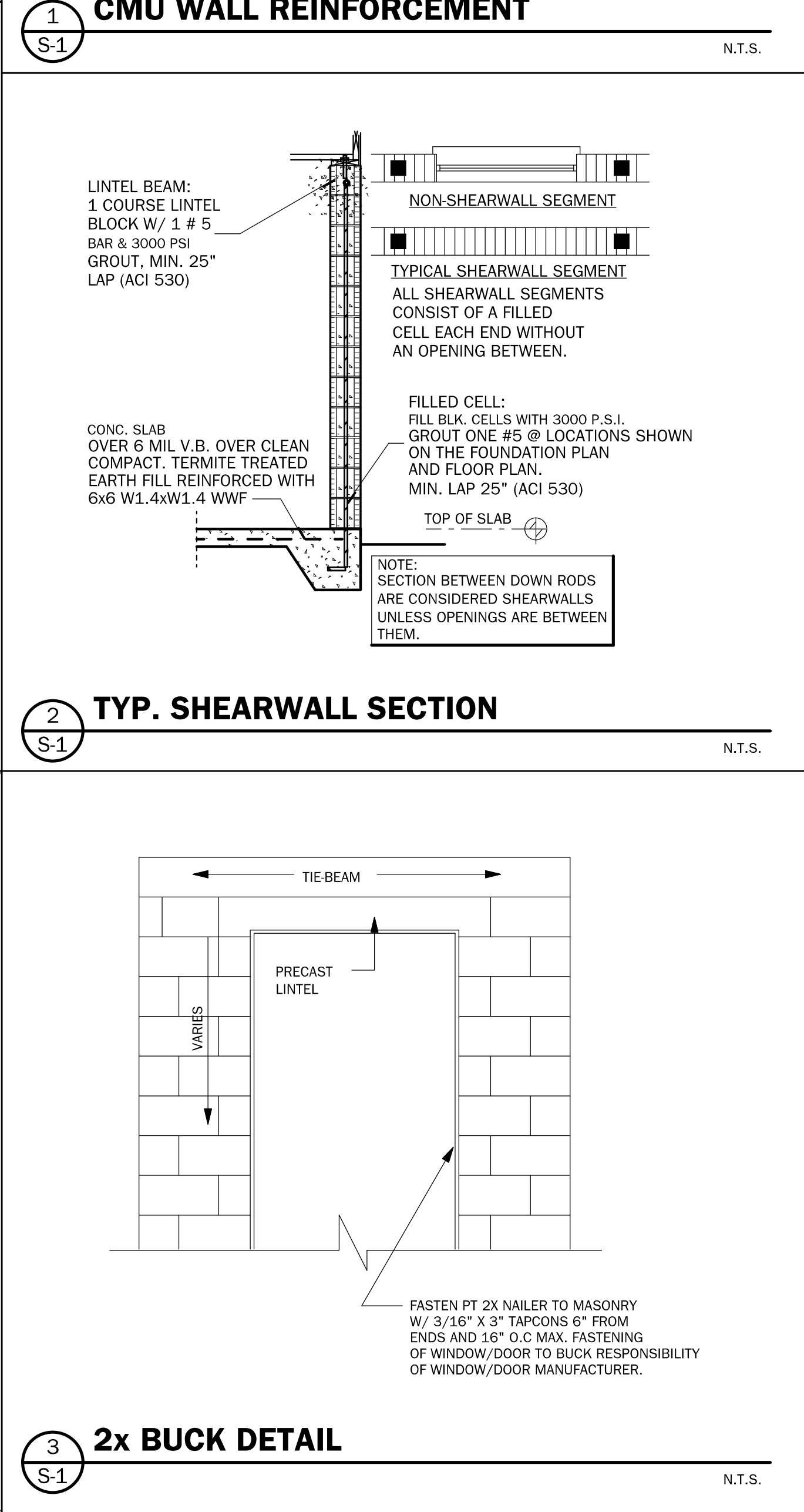
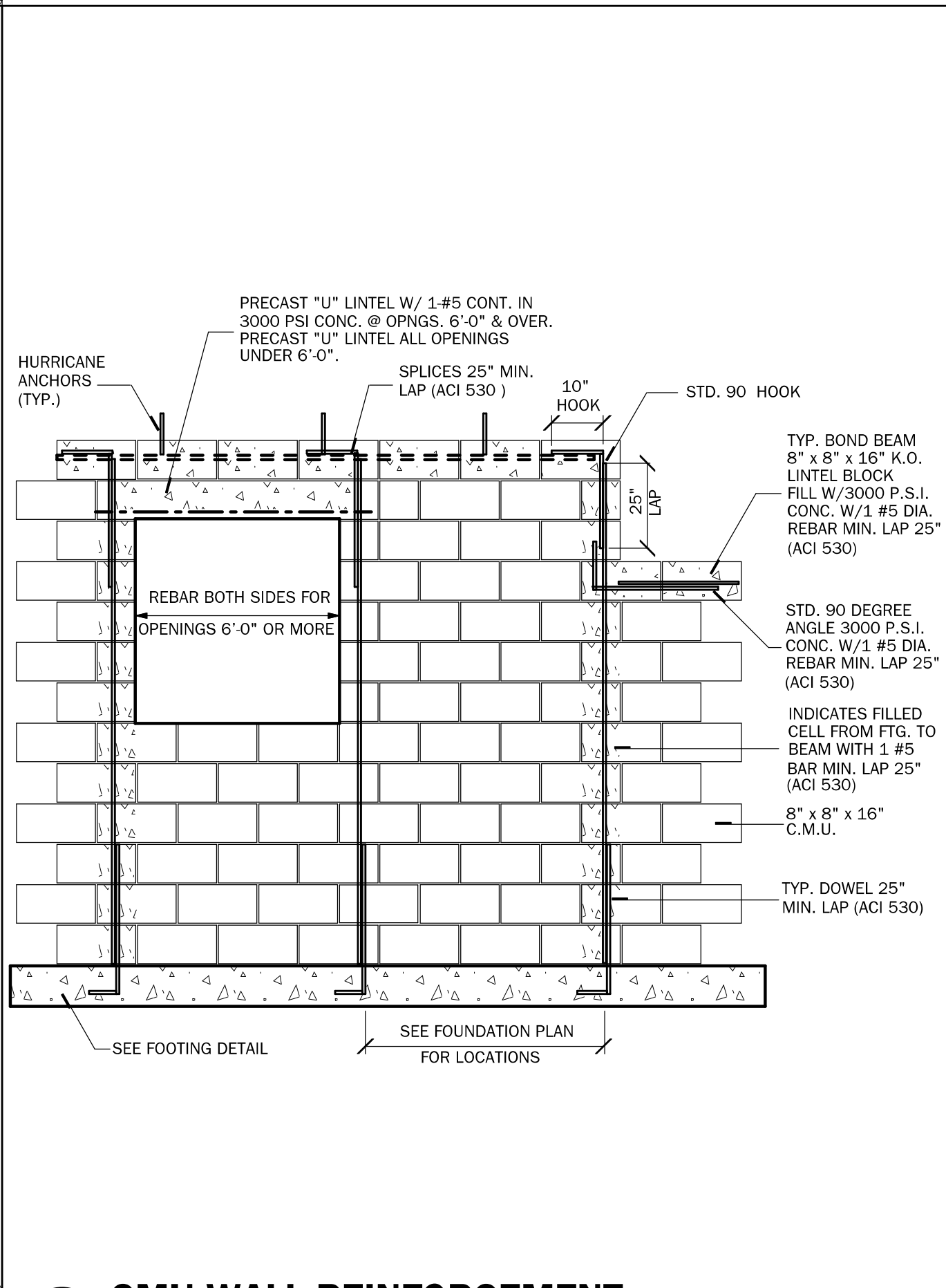
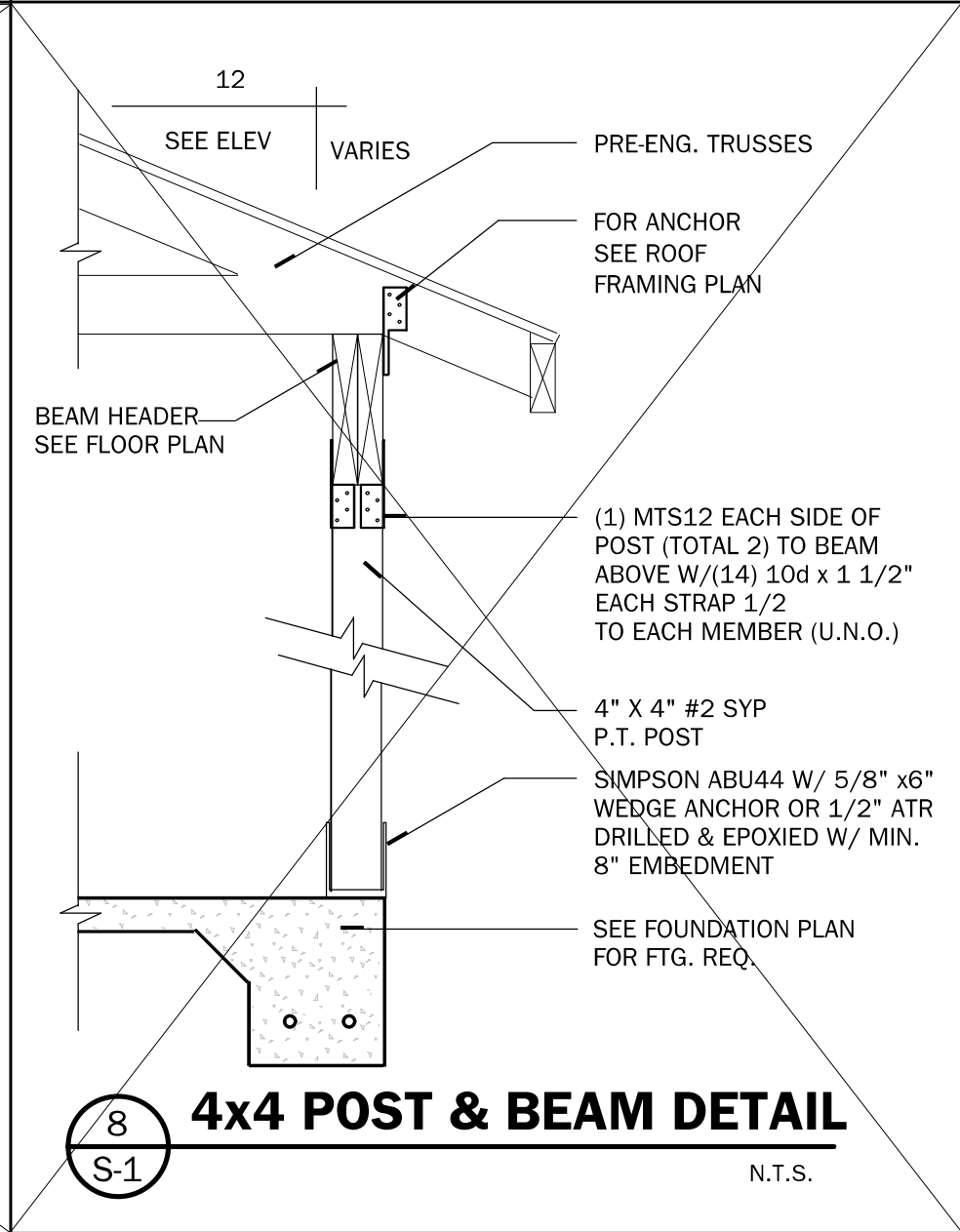
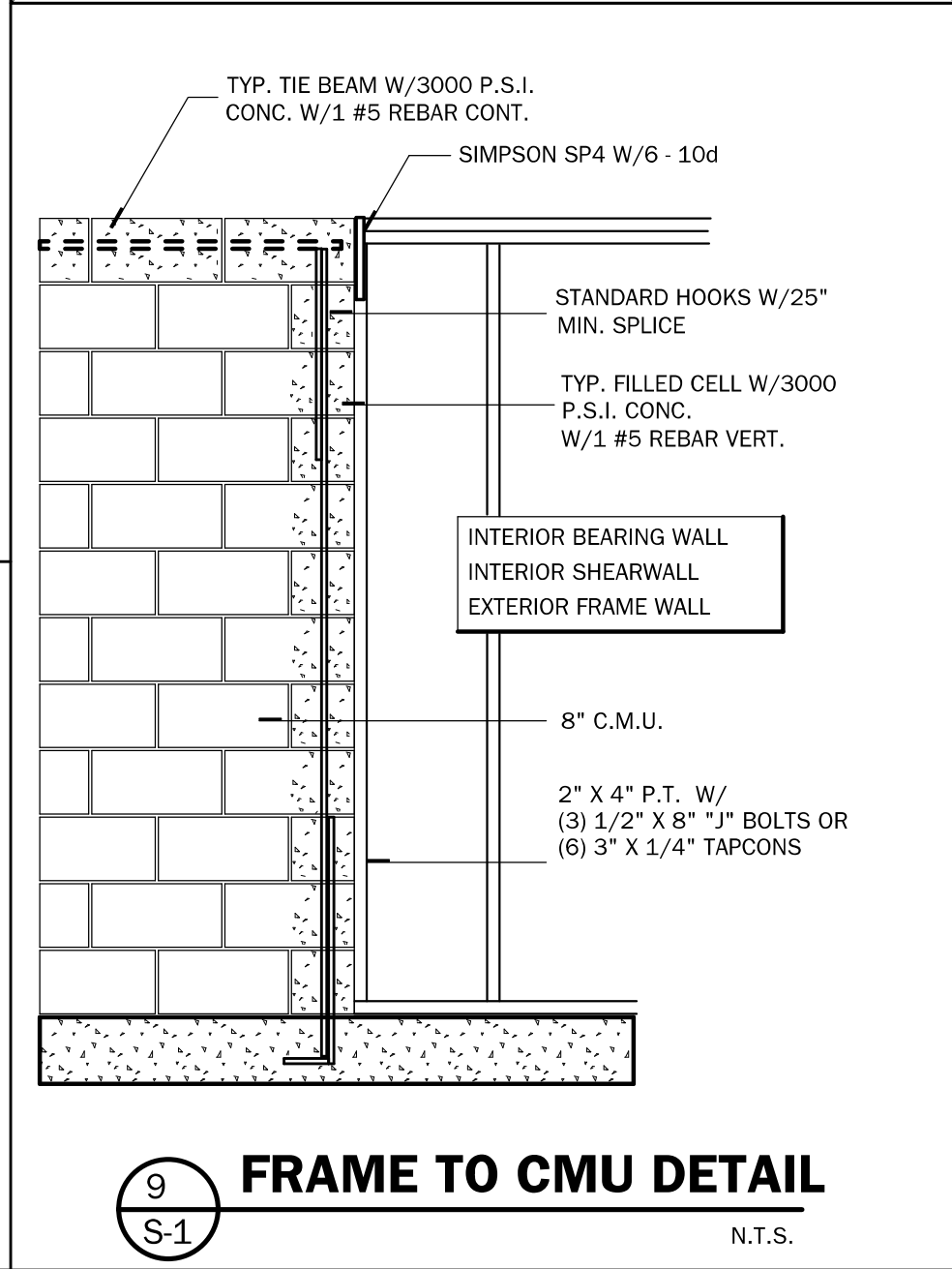
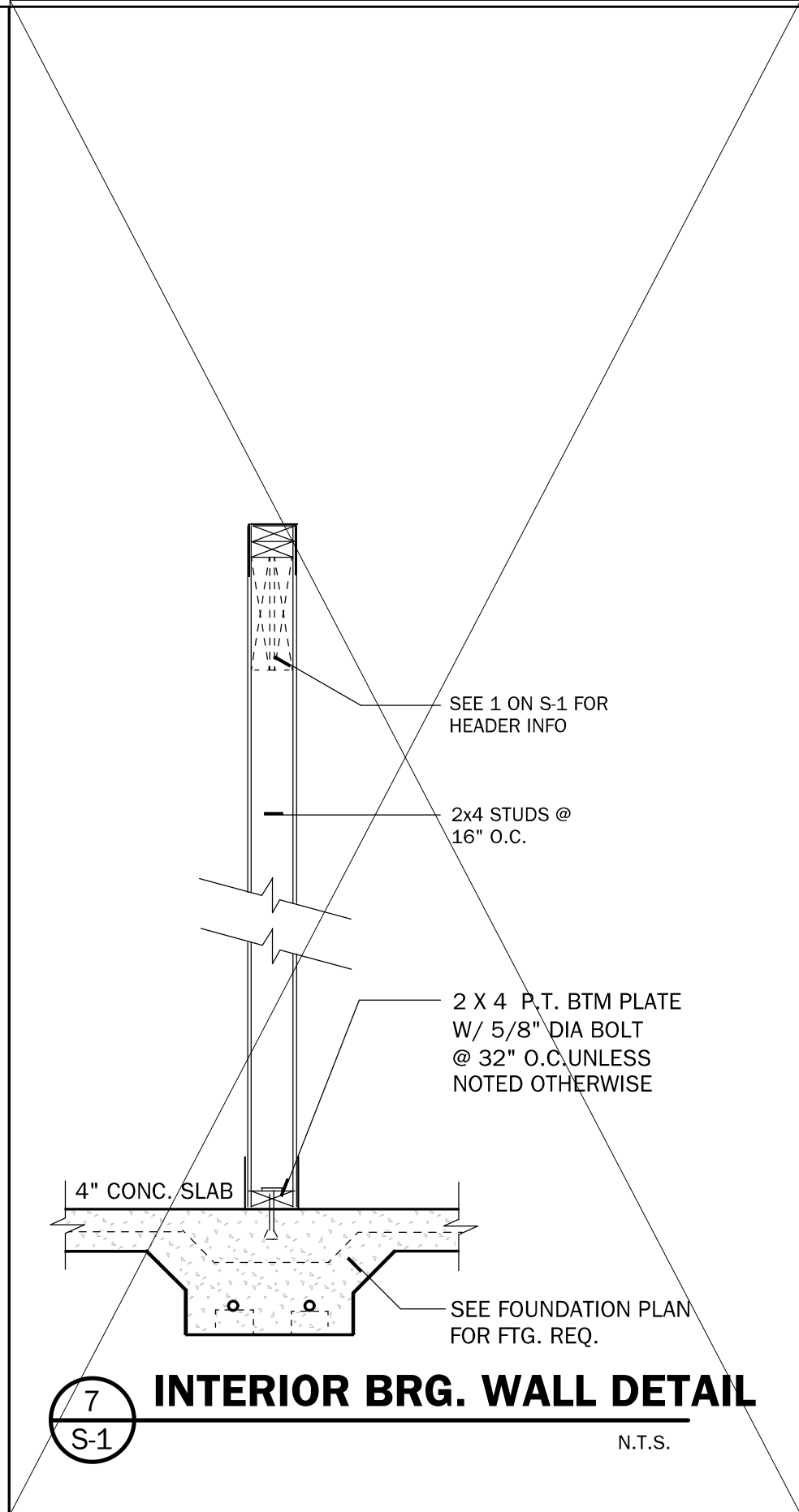
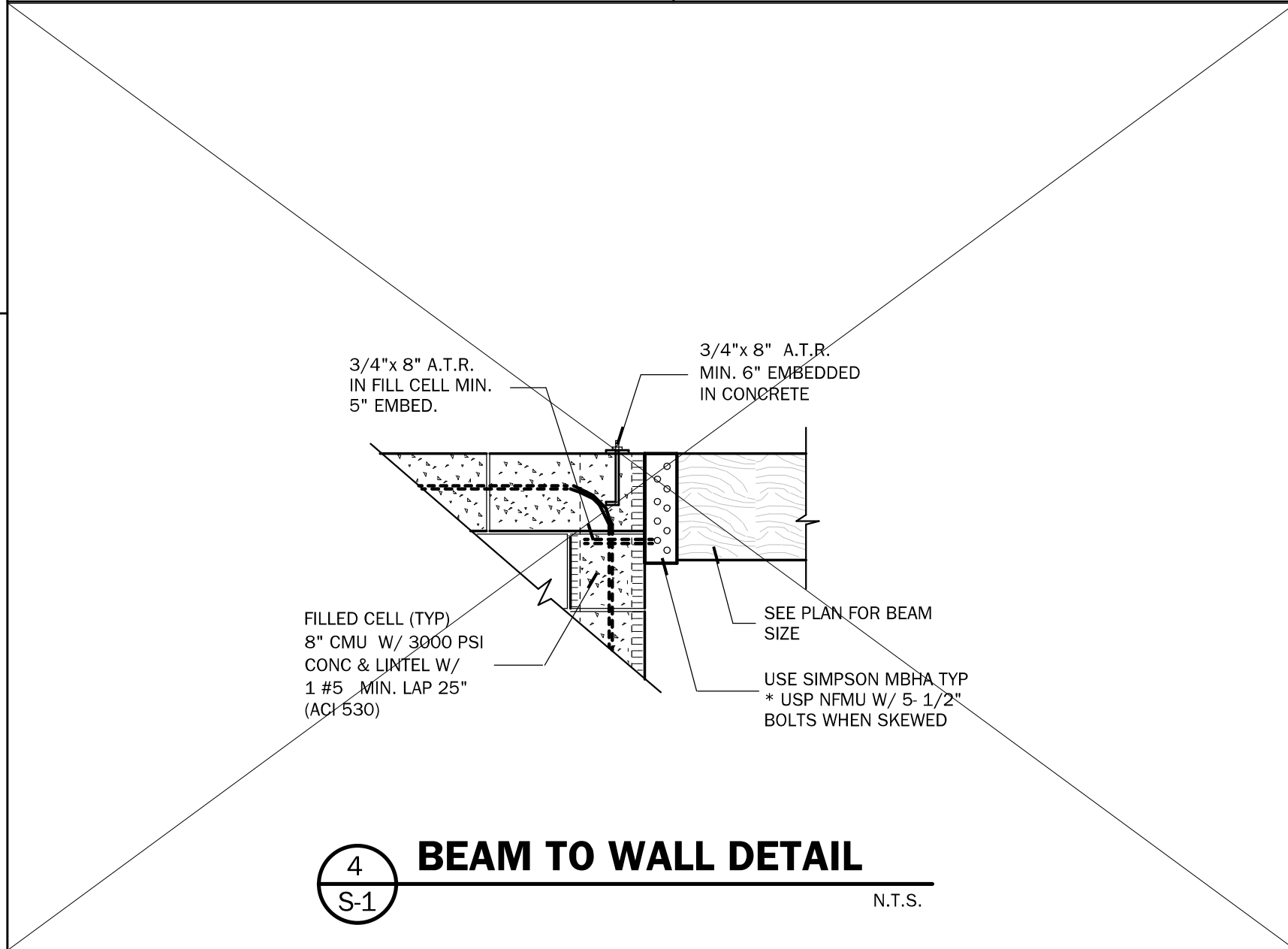
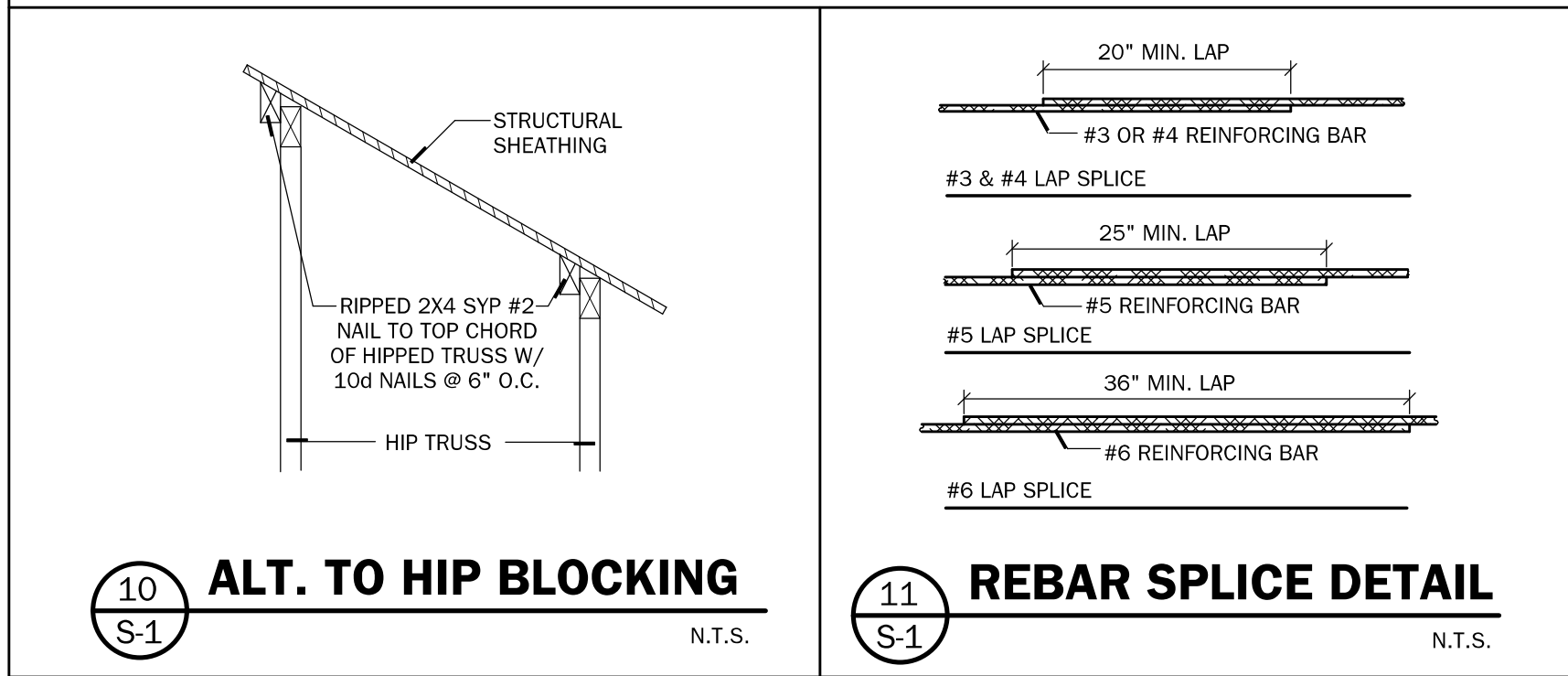
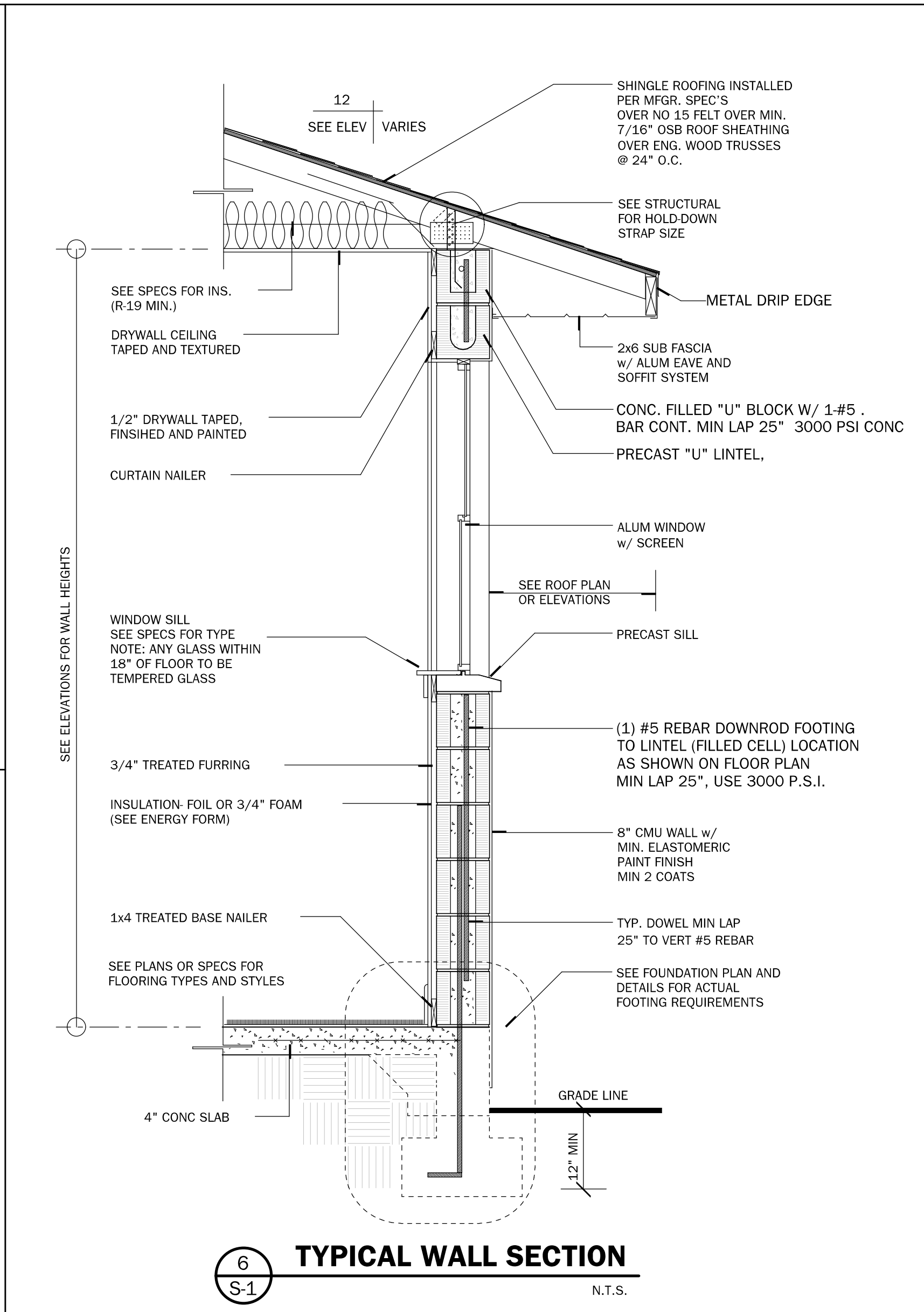
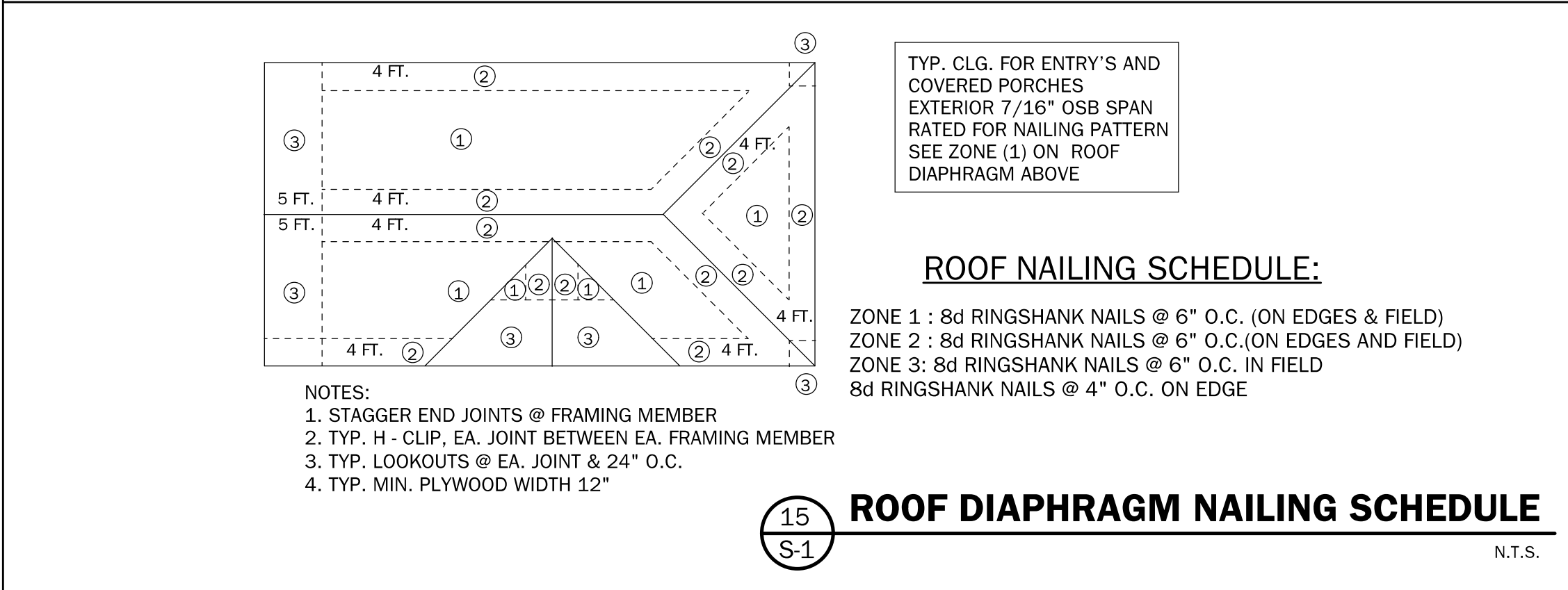
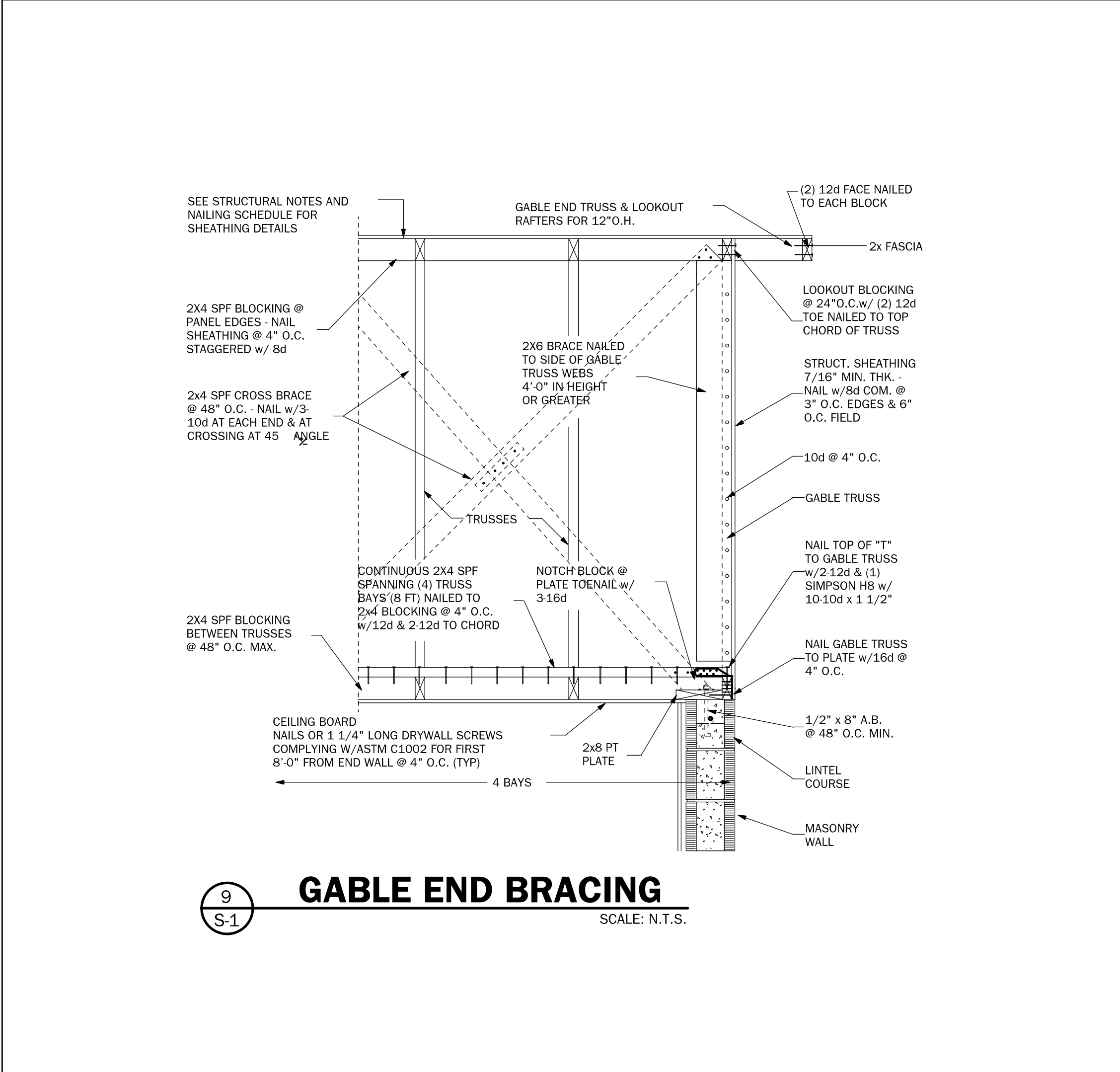
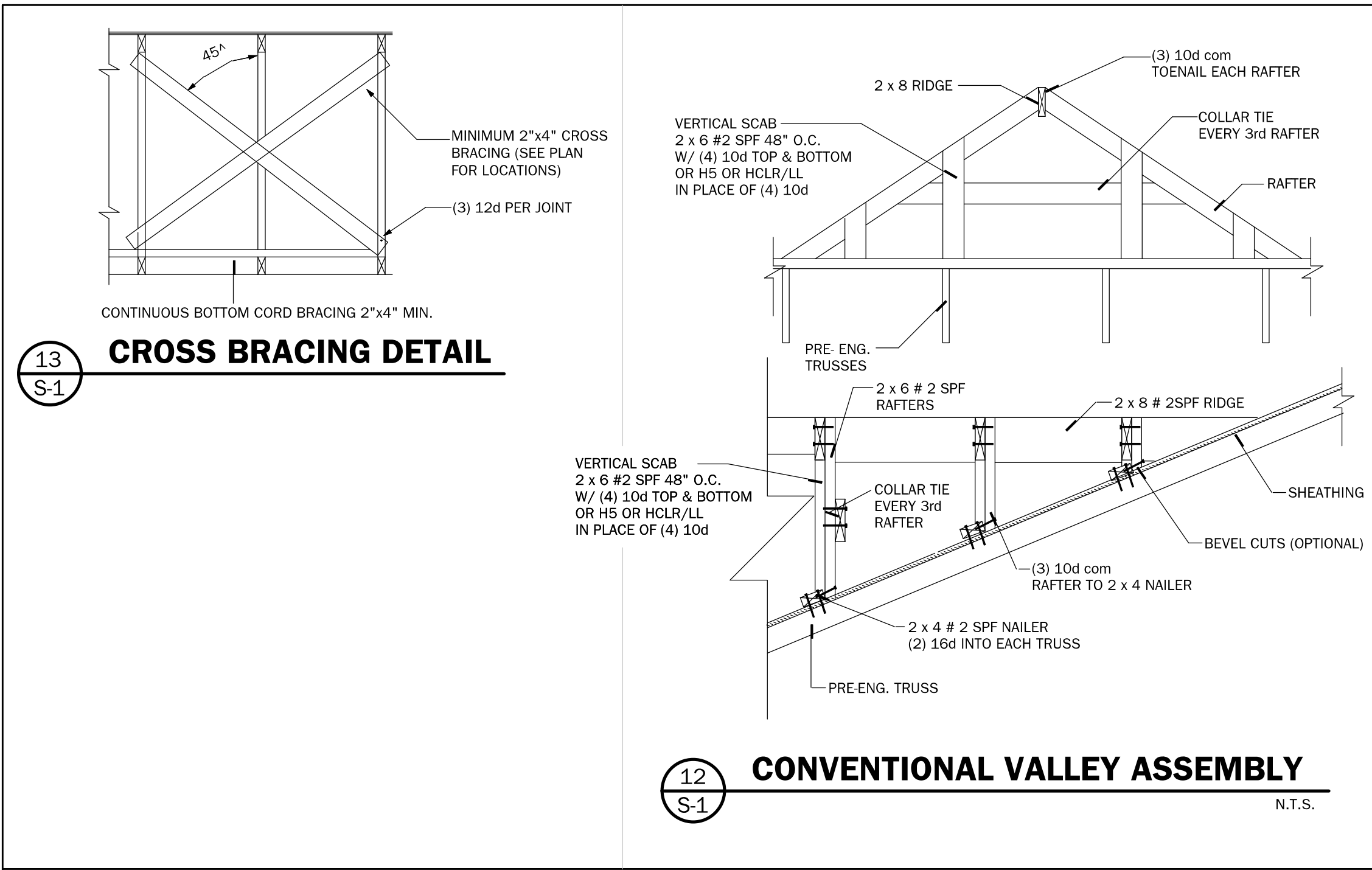
1 SINGLE STORY FTG  
BEARING SCALE: 1/2" = 1'0"

- NOTES:**
- UNLESS OTHERWISE NOTED:
1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF BOX TO BE: 12" AFF. (GENERAL)

KITCHEN	44" AFF.
BEDROOM	40" AFF.
LAUNDRY ROOM	38" AFF.
STOVE/REF/STOVE	12" AFF.
GARAGE GENERAL PURPOSE	30" AFF.
HALLS	40" AFF.
  2. ALL TRIM PLATES & DEVICES TO BE GRANITE, WHERE POSSIBLE.
  3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.
  4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL APPLICABLE LOCAL CODES. OWNER SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL WIRING & ACCESSORIES.
  5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 907.1.1.
  6. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS
  7. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORABLE BATTERY BACKUP.
  8. BATHROOM EXHAUST FANS MUST NOT BE TO THE EXTERIOR OF THE BUILDING. ATTIC SPACE AND SFFITS ARE NOT ACCEPTABLE.
  9. ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL, SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLIING WITH UL 2017.7.1.1. THE ALARM SHALL BE INSTALLED TO SOUND AT 30 SECONDS TO 10 MINUTES AFTER BEING EQUIPPED OR OF THE PLUG IN TYPE. THE EXIT ALARM SHALL PROVIDE ADEQUATE AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.
  10. STOVE AND DRYER TO HAVE NEUTRALS.
  11. PROVIDE TAMPER RESISTANT RECEPTACLES WHERE APPLICABLE
  12. PROVIDE APPROV AFRCI RECEPTACLES ON 15 & 20 AMP NONGFI PROTECTED CIRCUITS



<p><b>PROJECT:</b></p> <p><b>Newton Residence</b></p> <p><b>Lot 54 SW Rum Island Terrace</b></p> <p><b>Ft. White, FL 32038</b></p> <p><b>Columbia County</b></p> <p><b>LAST PLOT DATE:</b> January 06, 2021</p>	<p>11:43 AM</p>	<p><b>SHEET NO.</b></p> <p style="font-size: 2em;"><b>3</b></p> <p><b>OF</b></p> <p style="font-size: 2em;"><b>4</b></p>
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**Residential Design**

1431 E. Wade Street  
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352.274-3006  
tchdesigns@gmail.com

**RD**

**STEVE SMITH**  
CONSTRUCTION INCORPORATED

**PROJECT:**  
Newton Residence  
Lot 54 SW Rum Island Terrace  
Ft. White, FL 32038  
Columbia County

**SHEET NO.**  
**S-1**  
OF  
**4**

LAST PLOT DATE: January 06, 2021  
11:41 AM

**RANDOLPH WIGGINS, P.E.**  
1431 E. Wade Street, Suite B Trenton, FL 32693  
RANDOLPH WIGGINS, P.E. FL # 15721  
04/16/2021

STRUCTURAL DESIGN IS PLACED UNDER THE  
SUPERVISION OF AN ENGINEER  
FOR THE STRUCTURAL DESIGN

#CB01256817  
9651 NE 110th Ave Archer, FL 32618  
(352) 486-4290