





NOTE:

- ALL WINDOWS WITHIN 2'-0" OF DOORS AND IN SHOWER OR TUB AREAS WILL BE SAFETY TEMPERED GLASS.
- ALL DOORS LEADING FROM UNCONDITIONED SPACE TO CONDITIONED SPACE SHALL BE SOLID CORE.
- 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

VENTILATION CALCULATION

FORMULA PER FBIC 2020 SEC 806.2= S.F. / 300 (1/300) / 2 (INTAKE vs EXHAUST) = 144 (TO CONVERT TO SQ. INCHES) = NET SQ. INCH REQUIREMENT

2720/300 = 9 2/3 = 4.5 S.F. = 648

648 SQ. INCHES OF VENTILATION REQUIRED

WALL LEGEND

FRAMED WALL
FRAMED SHEAR WALL
BEARING WALL
FRAMED WALL W/ SIDING

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

EXTERIOR WALL SHEATHING INFORMATION

NOTES:

- ALL EXTERIOR WALL SHEATHING TO BE MIN. 7/16" WINDSTORM OR EQ. MFGR. APPROPRIATE LENGTH SUB-SIDING
- ALL WALL SECTIONS GREATER THAN 30% OF WALL HEIGHT AND WITH OPENING AREA LESS THAN 1 S.F. TO BE CONSIDERED SHEAR WALL SEGMENT
- 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.

**TCCS, llc**  
Residential Design

9653 S.E. 8th Terrace  
Trenton, FL 32693  
352-274-3006  
tccsplans@gmail.com

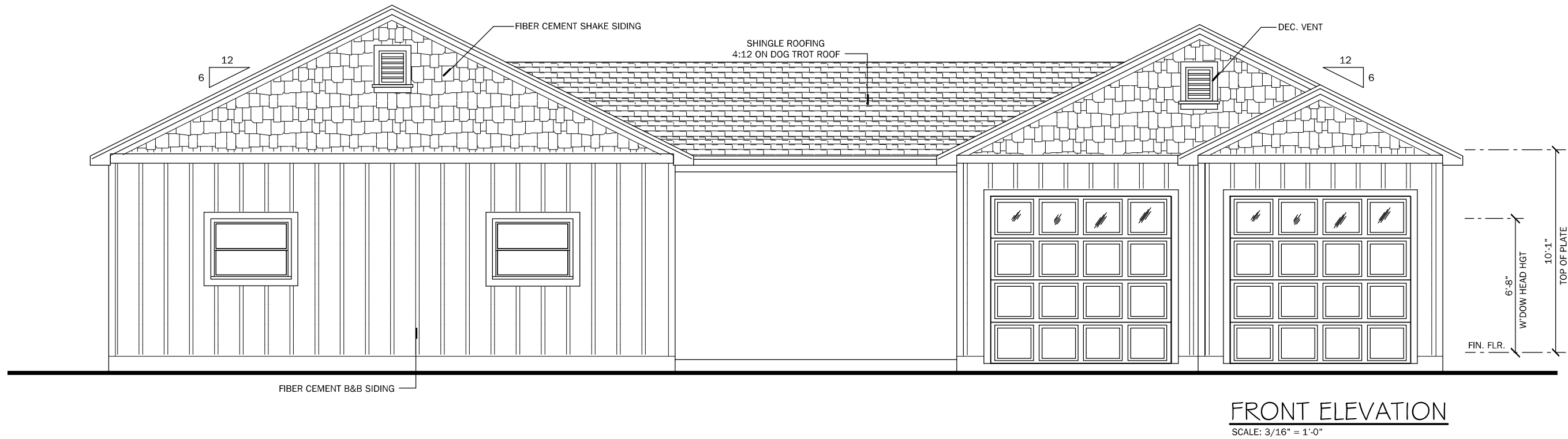
**RANDOLPH WIGGINS, P.E.**  
1431 E. Wacker Street, Suite B, Trenton, IL 61866  
PROFESSIONAL DESIGNER IN AN ADDENDUM TO THE 2023 FLORIDA RESIDENTIAL BUILDING CODE. NO OTHER SIGNATURE REQUIRED FOR THE STRUCTURAL DESIGN.

DATE: JULY 09, 2024  
TYP. @ CORNERS

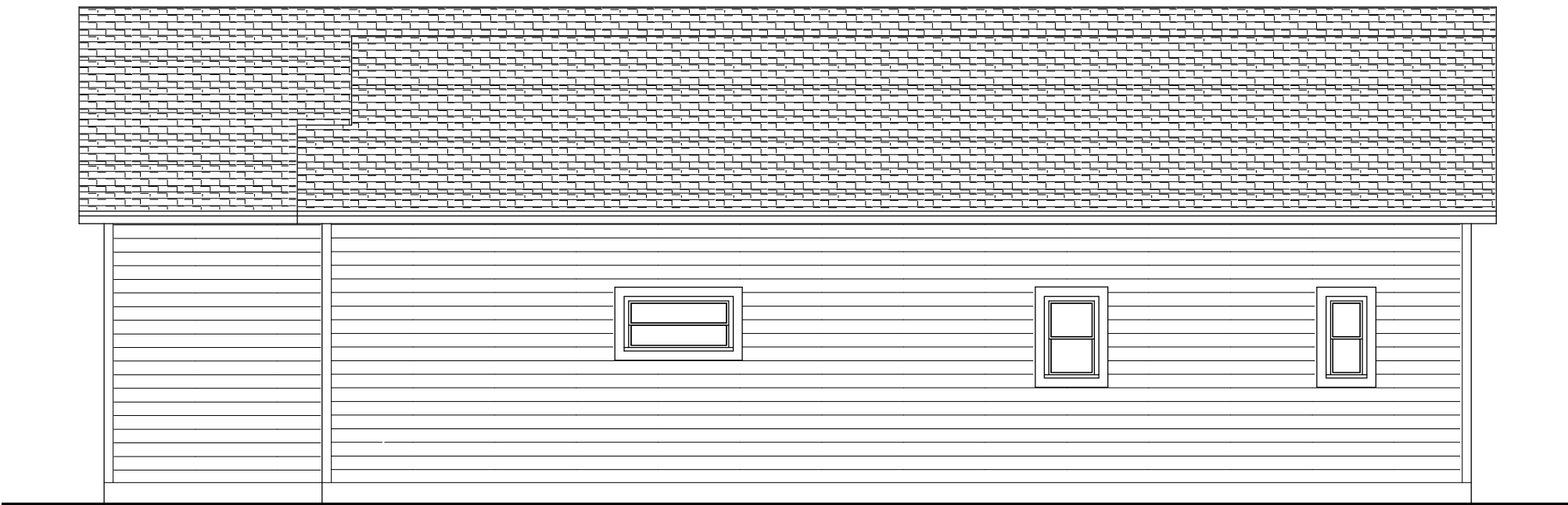
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Randolph Wiggins  
Date: 2024.07.09 11:36:05 -04'00'

**PROJECT:**  
Miller Residence  
3642 SW Herlong St.  
Ft. White, FL  
Columbia County

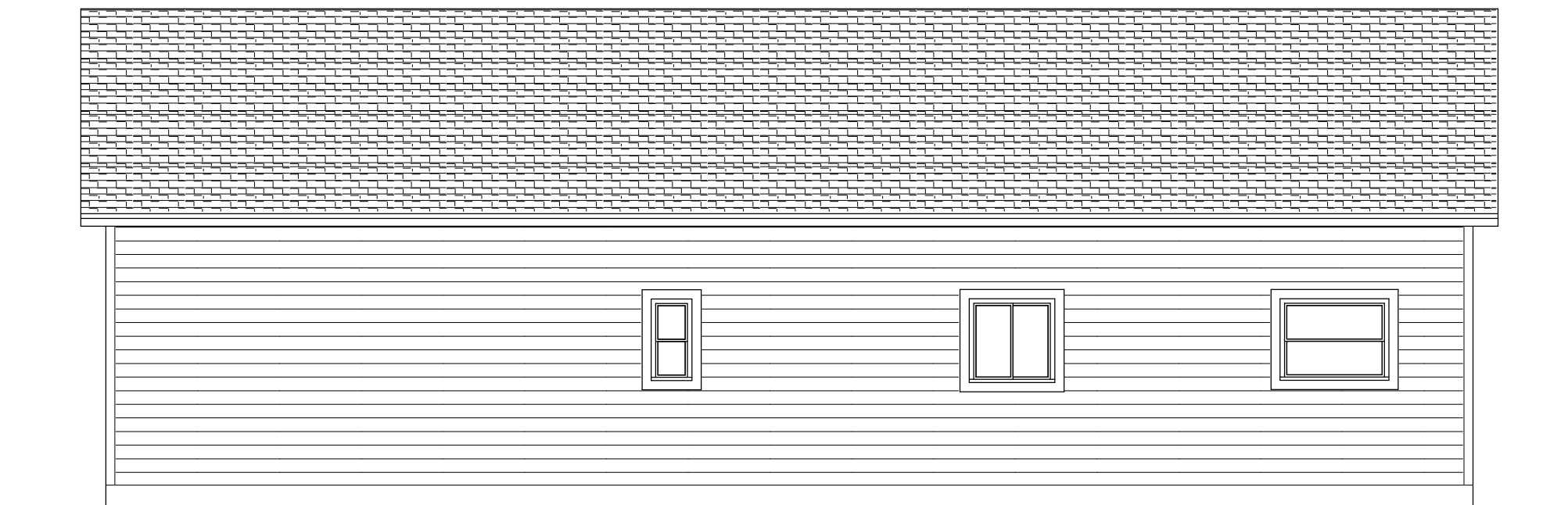
SHEET NO.  
**2**  
OF  
**4**



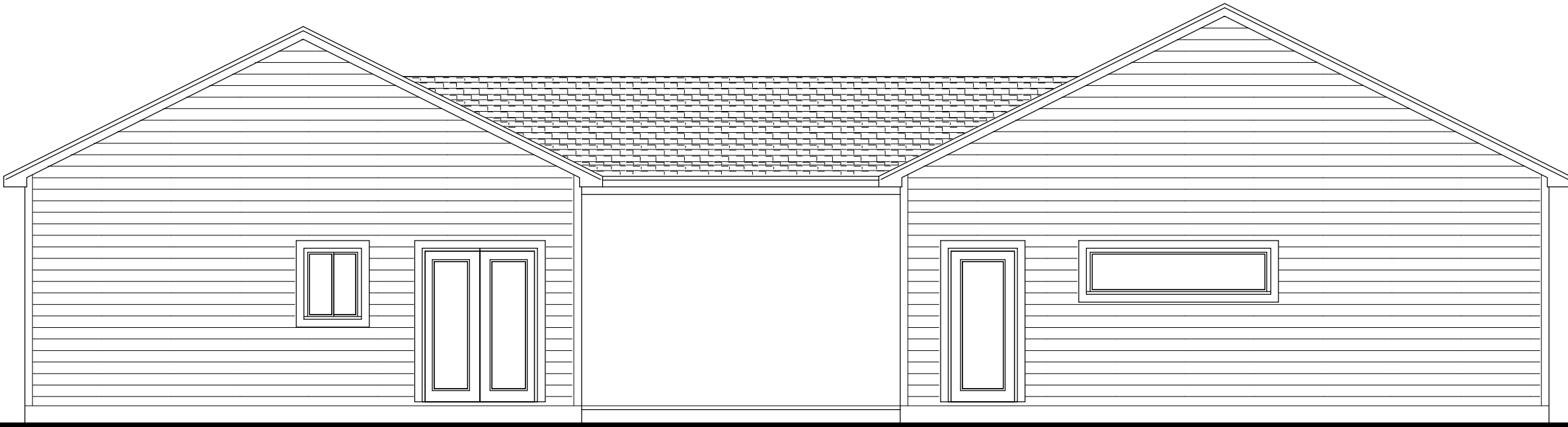
FRONT ELEVATION  
SCALE: 3/16" = 1'-0"



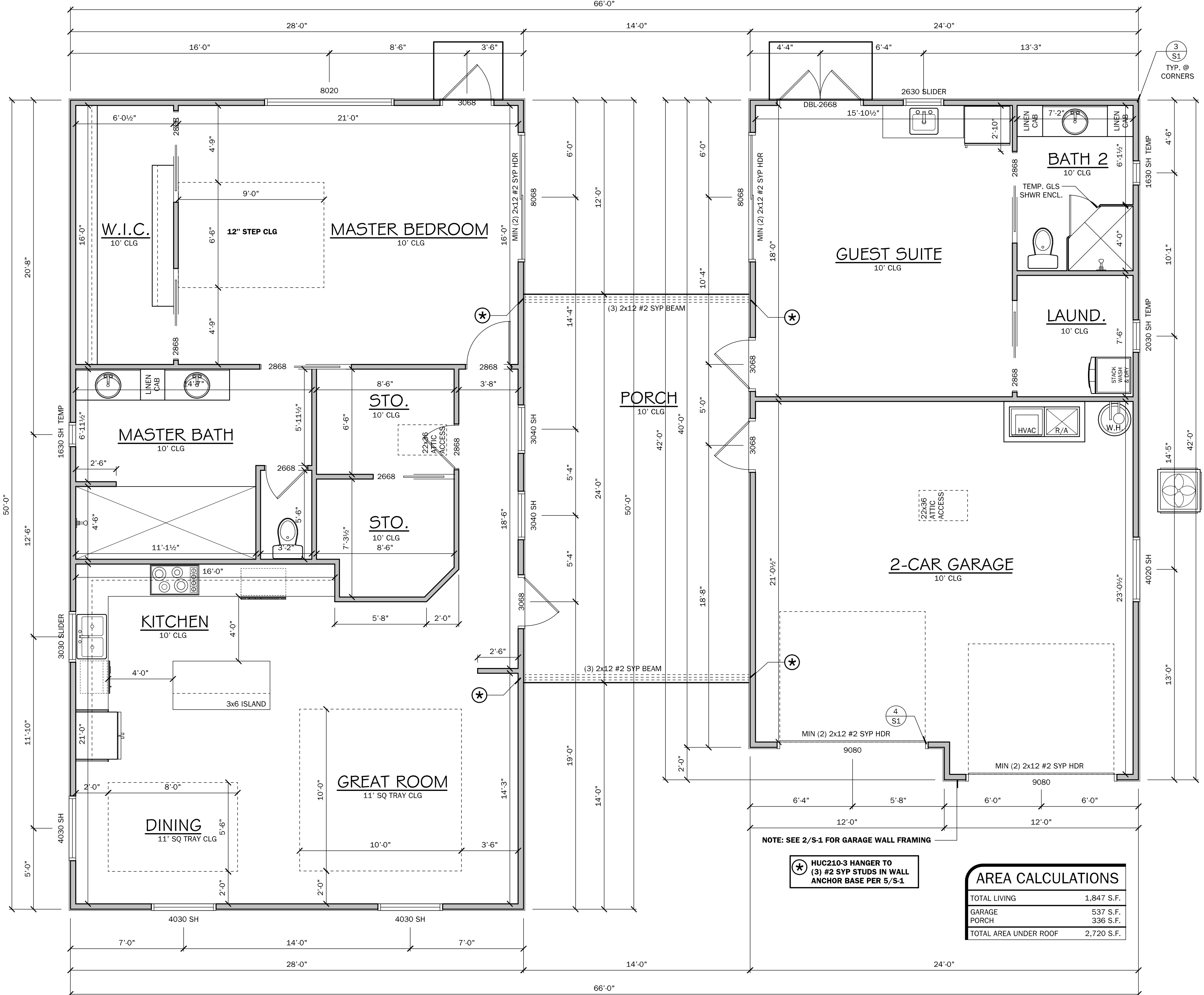
RIGHT ELEVATION  
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LEFT ELEVATION  
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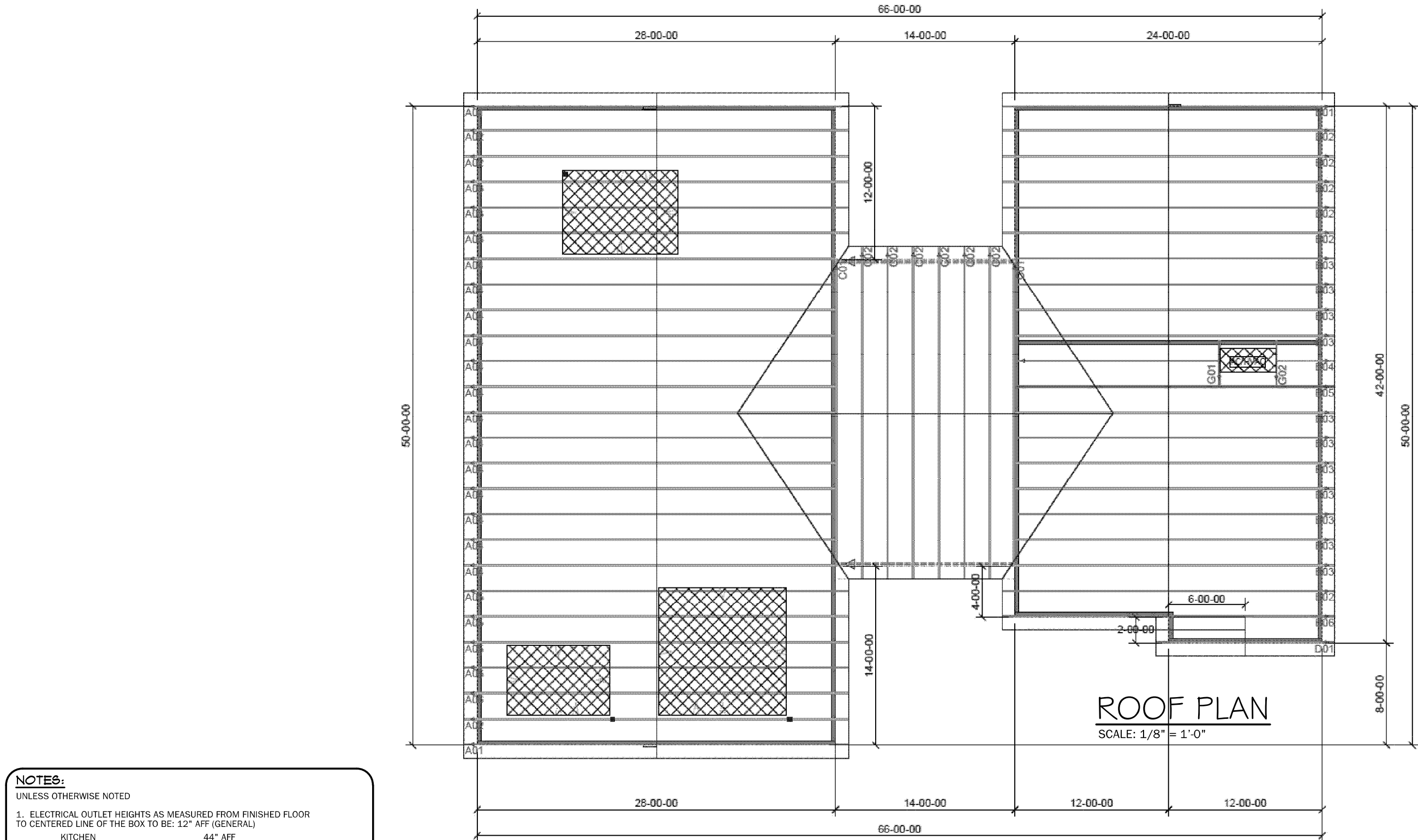


REAR ELEVATION  
SCALE: 3/16" = 1'-0"



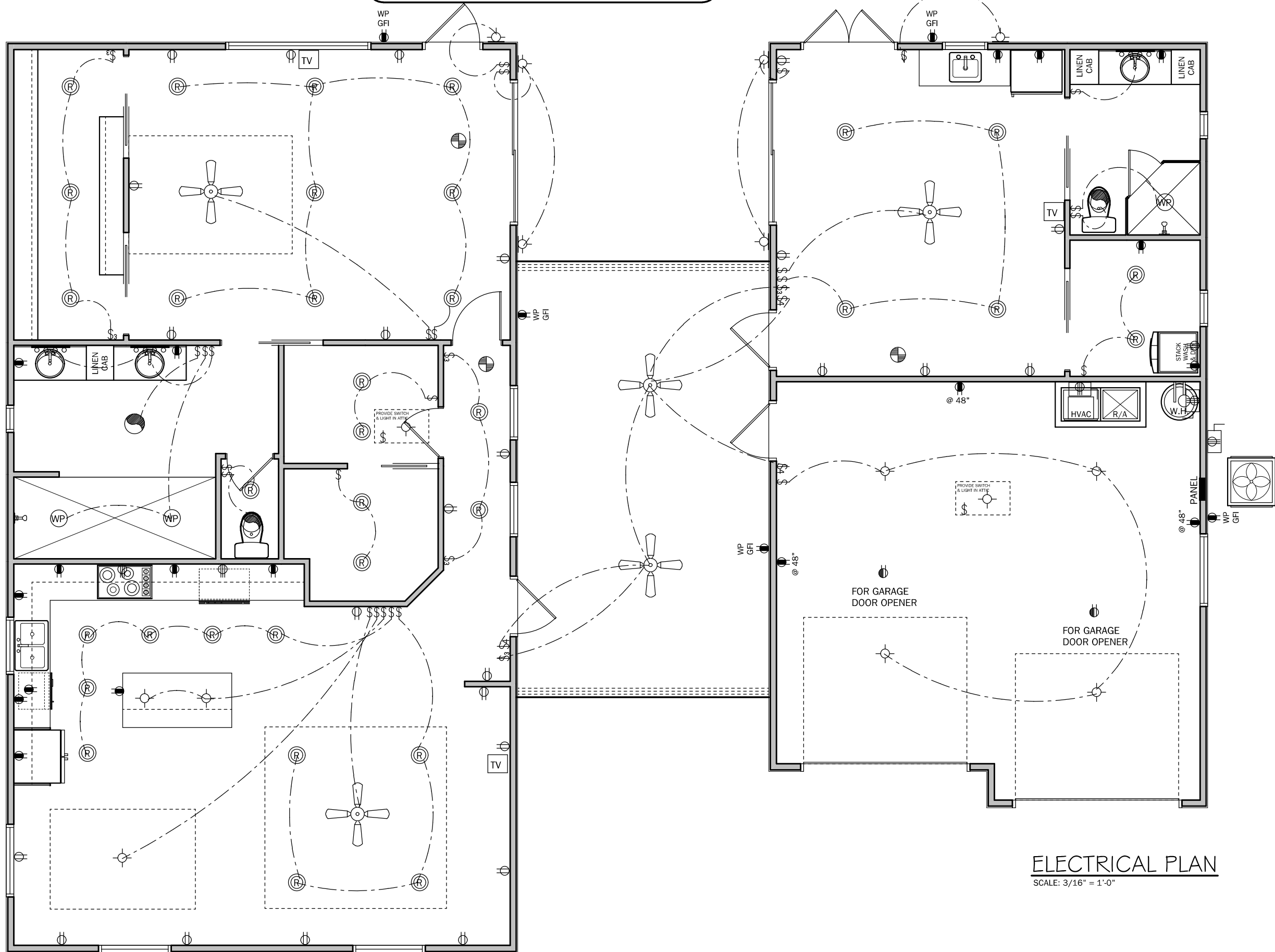
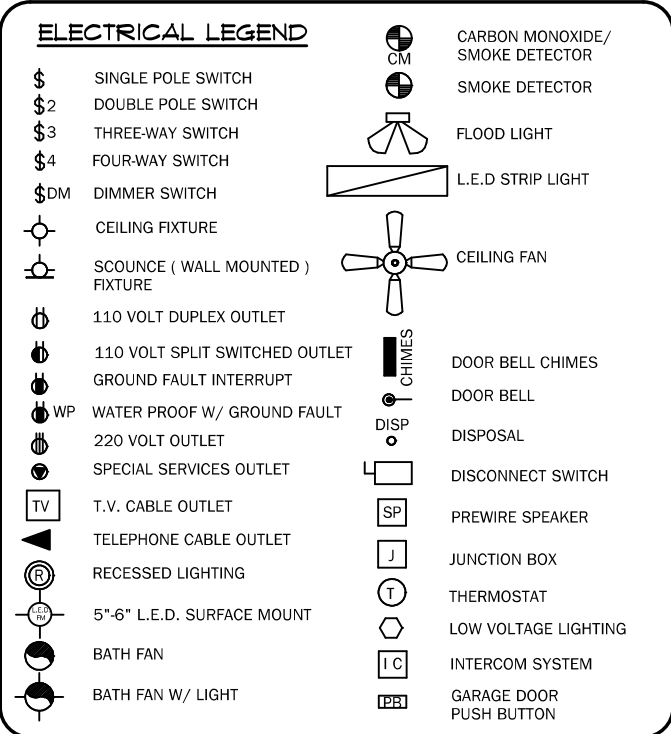
AREA CALCULATIONS	
TOTAL LIVING	1,847 S.F.
GARAGE	537 S.F.
PORCH	338 S.F.
TOTAL AREA UNDER ROOF	2,720 S.F.

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



ROOF PLAN  
SCALE: 1/8" = 1'-0"

- NOTES:**  
UNLESS OTHERWISE NOTED.
- ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF THE BOX TO BE: 12" AFF (GENERAL)  
KITCHEN 44" AFF  
BATHROOM 38" AFF  
LAUNDRY ROOM 38" AFF  
EXTERIOR WATERPROOF 12" AFF  
GARAGE GENERAL PURPOSE RANGE 2" AFF
  - 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 SORTIES 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 AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.
  - STONE AND DRYER TO HAVE NEUTRAL.
  - PROVIDE TAMPER RESISTANT RECEPTACLES WHERE APPLICABLE.
  - PROVIDE AFC/FULT RECEPTACLES ON ALL 15 & 20 AMP NEN GFCI PROTECTED CIRCUITS.

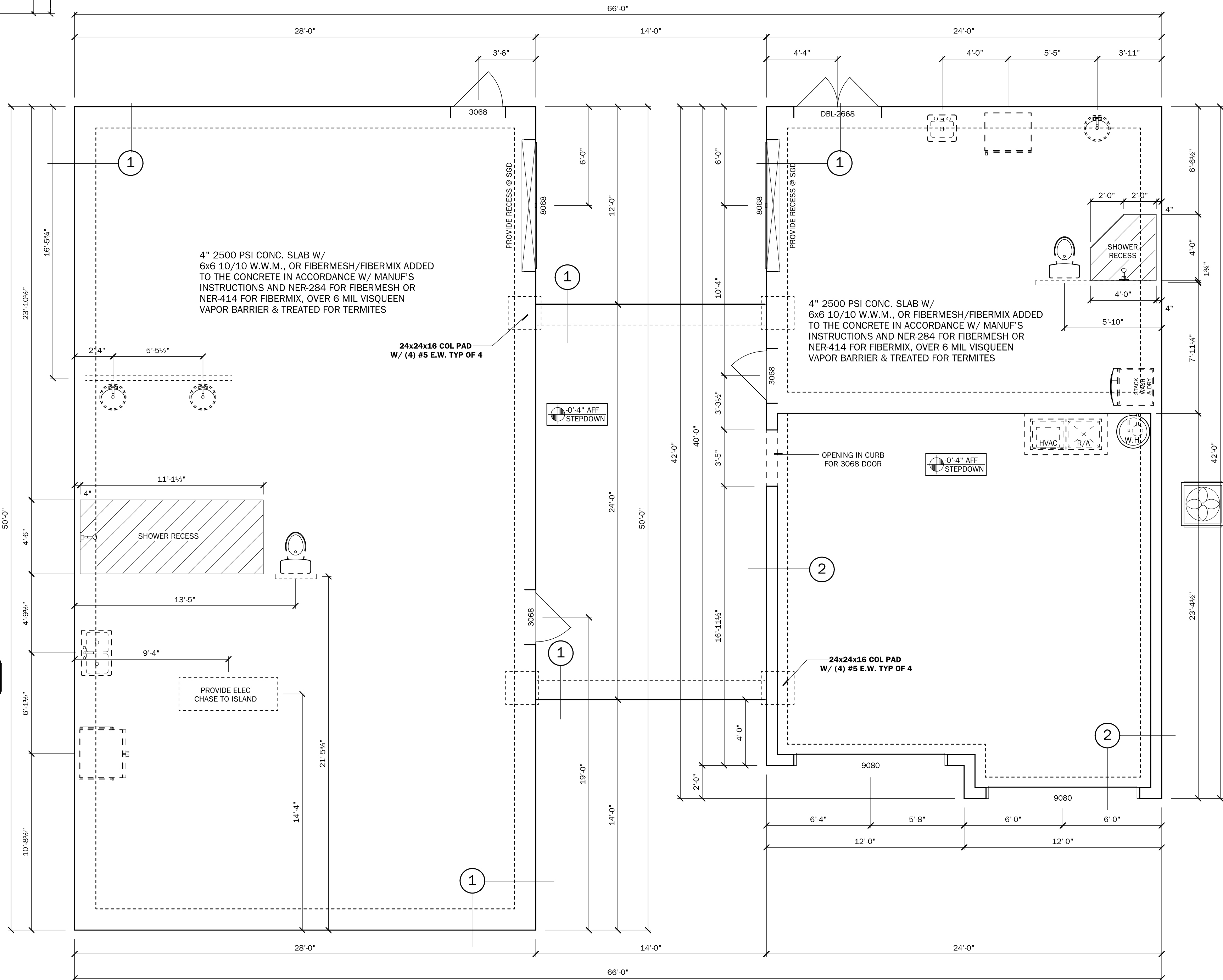
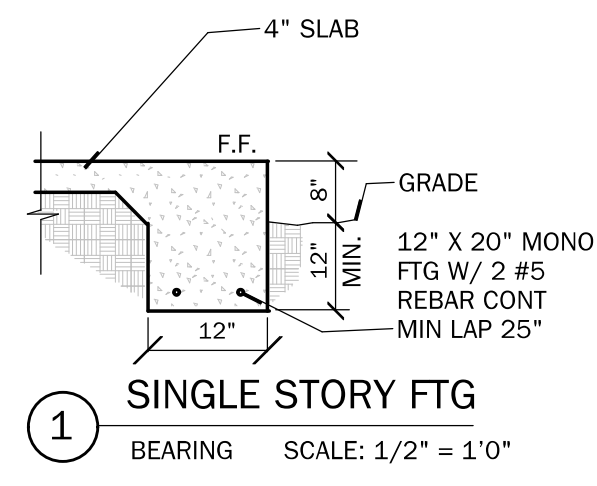
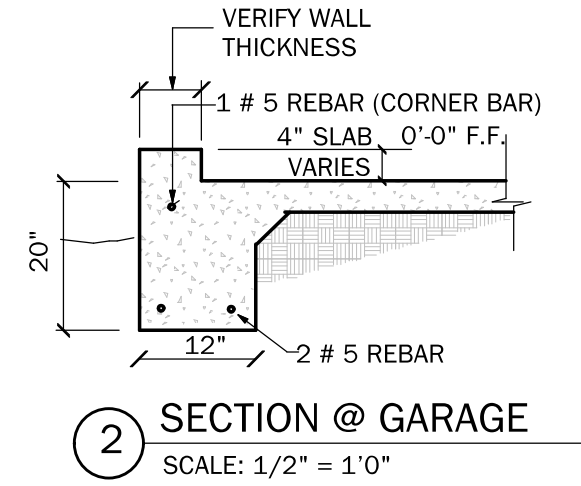


ELECTRICAL PLAN  
SCALE: 3/16" = 1'-0"

MARK	HOLD DOWN ANALYSIS UNLESS NOTED OTHERWISE PROVIDE APPROPRIATE CONNECTOR PER CHART AND PROVIDED TRUSS ENGINEERING	UPLIFT
	WOOD CONNECTIONS = H2.5 W/ 10-8d NAILS H1 W/ 10-8d NAILS H10 W/ 16-8d NAILS OR MTS12 W/ 14-10dX1-1/2" NAILS HCP (HIP TRUSS) 12-10dX1-1/2" NAILS	365# 400# 850# 645#
A	2 - MTS12 W/ 14 10dX1 1/2" NAILS	1720 #U
B	2 - HTS20 W/ 20 - 10d	2900 #U
C	HCP2 W/ 12-10d X 1 1/2" NAILS	520 #U
D	LGT2 W/30-16d SINKERS	1785 #U

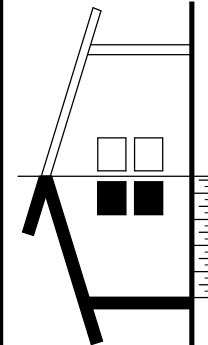
**NOTE:**

TYP. TRUSS TO FRAME CONNECTORS  
TO BE SIMPSON H10 TYP. U.N.O.



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

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**RANDOLPH WIGGINS, P.E.**  
14331 N.W. 143rd Street, Suite B, Tampa, FL 33615  
2022 FLORIDA RESIDENTIAL BUILDING CODE  
SIGNATURE REQUIRED FOR THE STRUCTURAL DESIGN

REGISTERED PROFESSIONAL ENGINEER  
NO. 15725  
STATE OF FLORIDA  
EXPIRATION DATE: JULY 09, 2026

DATE: JULY 09, 2024  
PROJECT: TCCS, llc Residential Design

**PROJECT:**  
Miller Residence  
3642 SW Herlong St.  
Ft. White, FL  
Columbia County

**SHEET NO.**  
3  
OF  
4

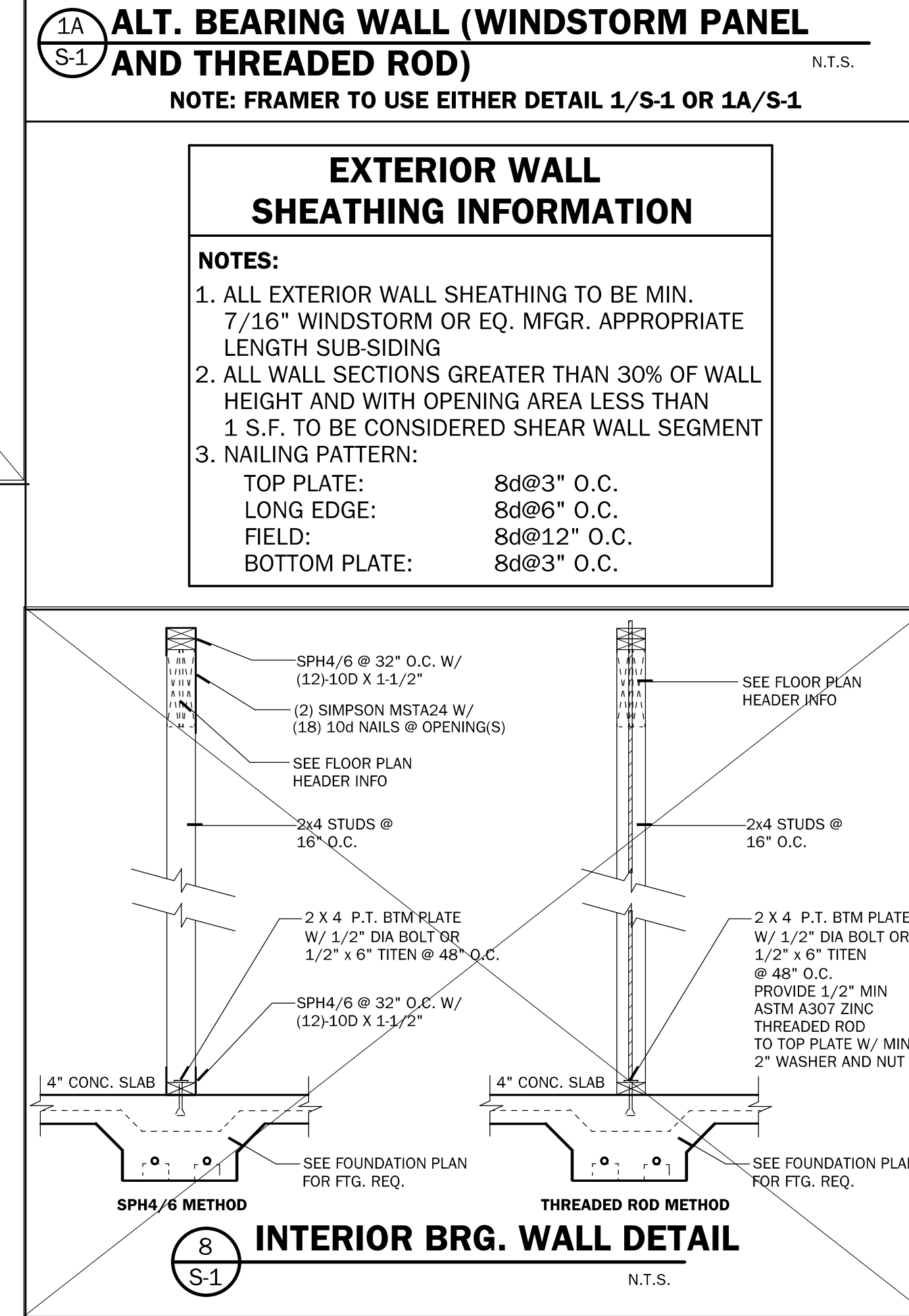
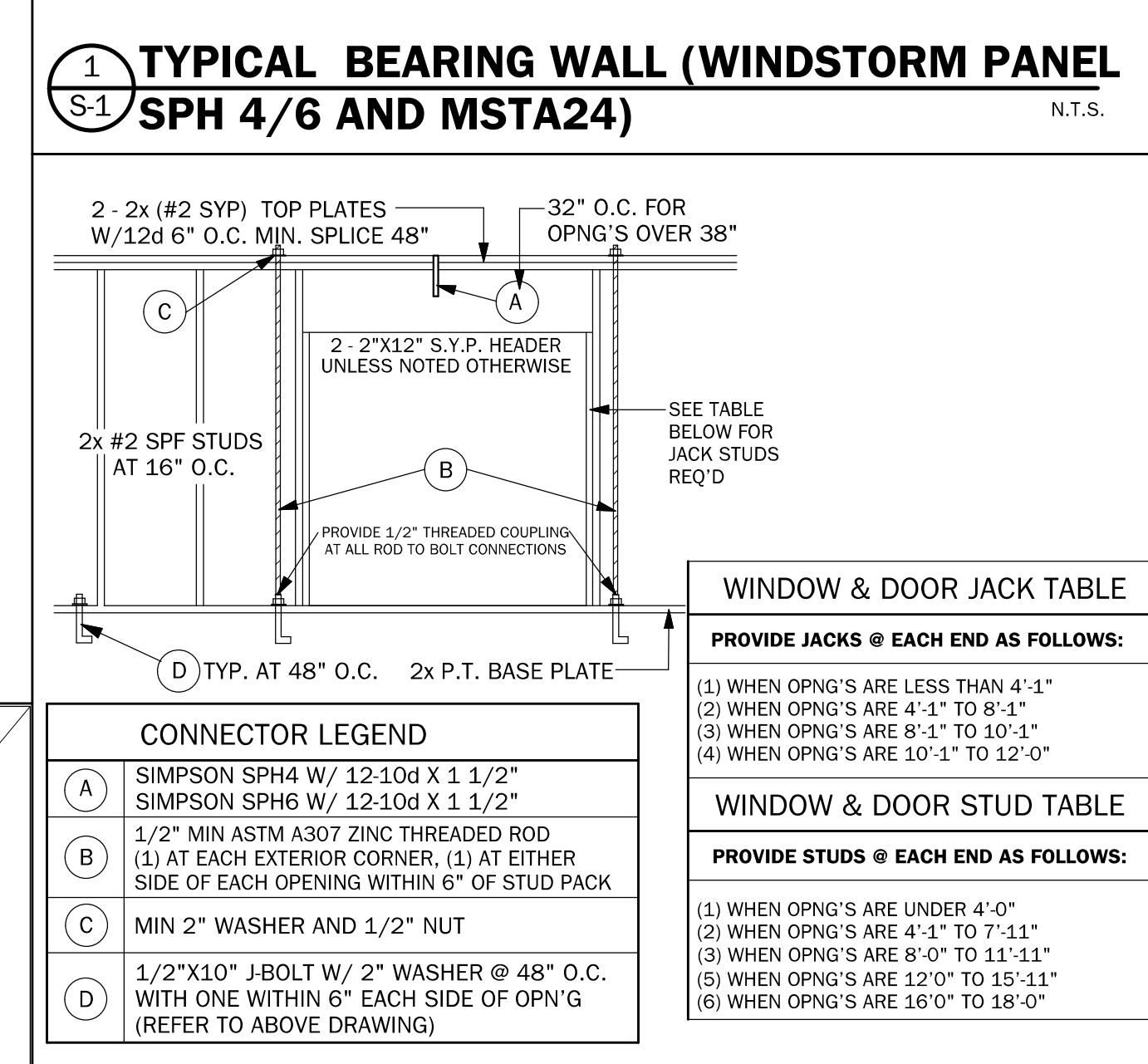
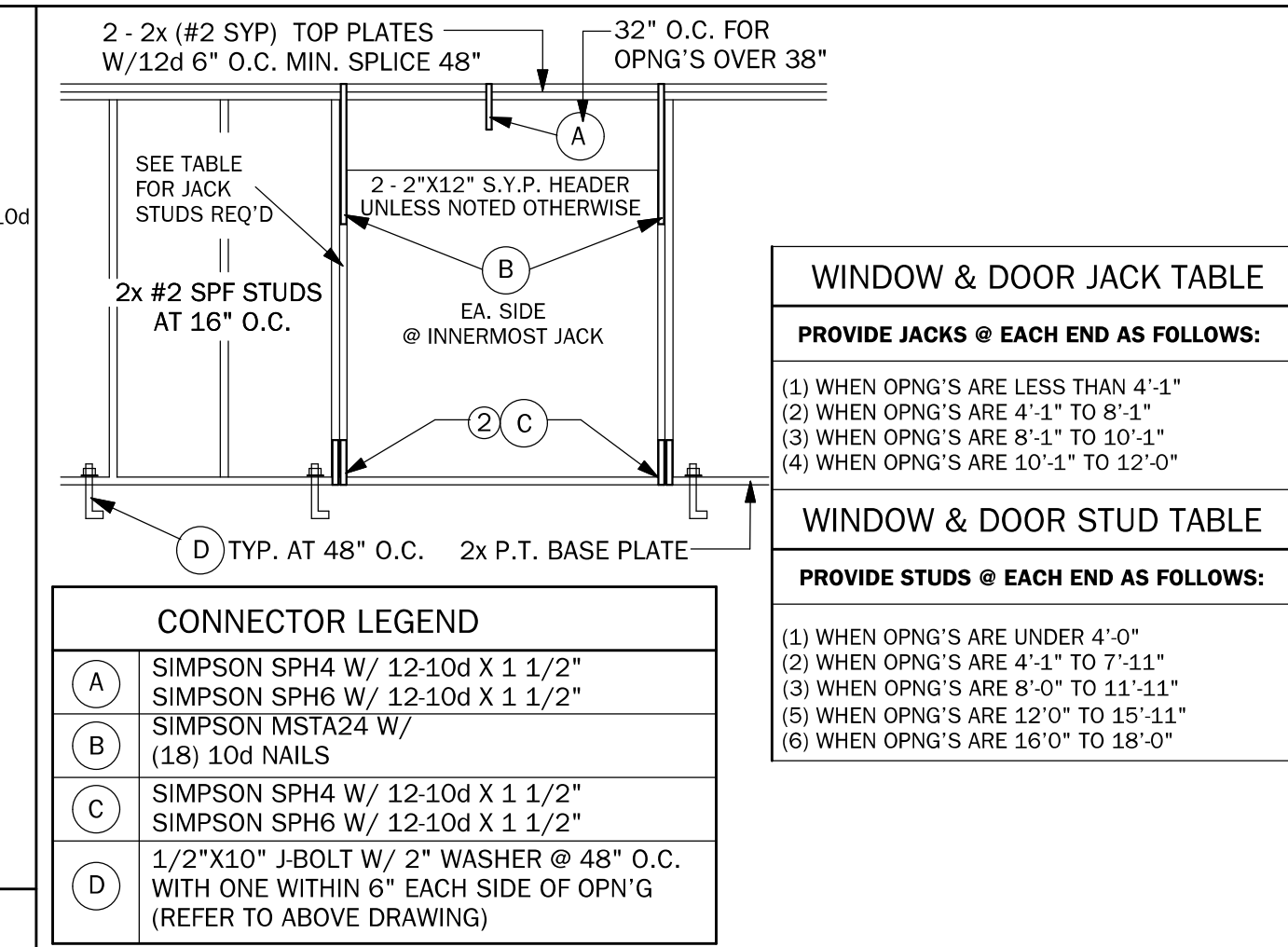
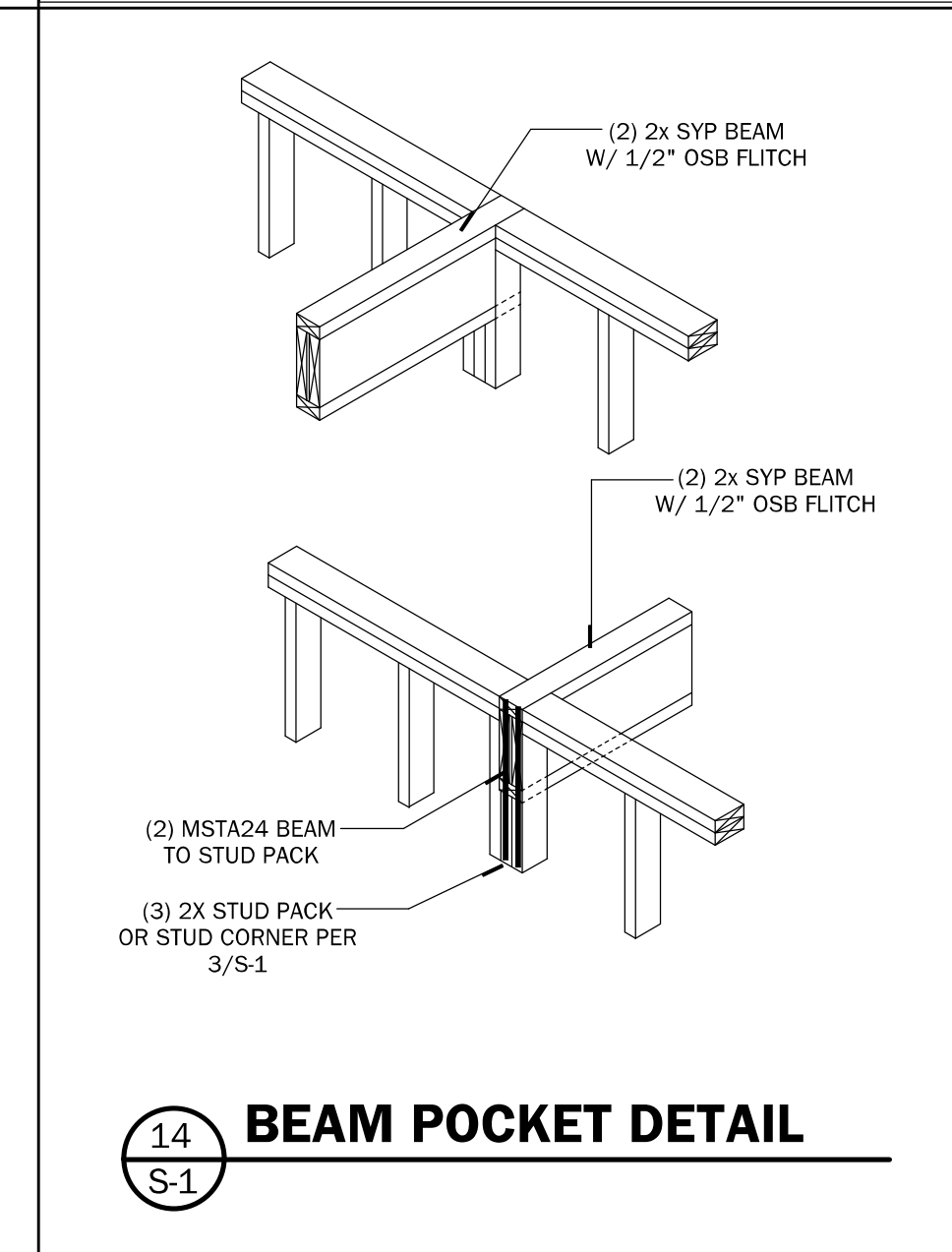
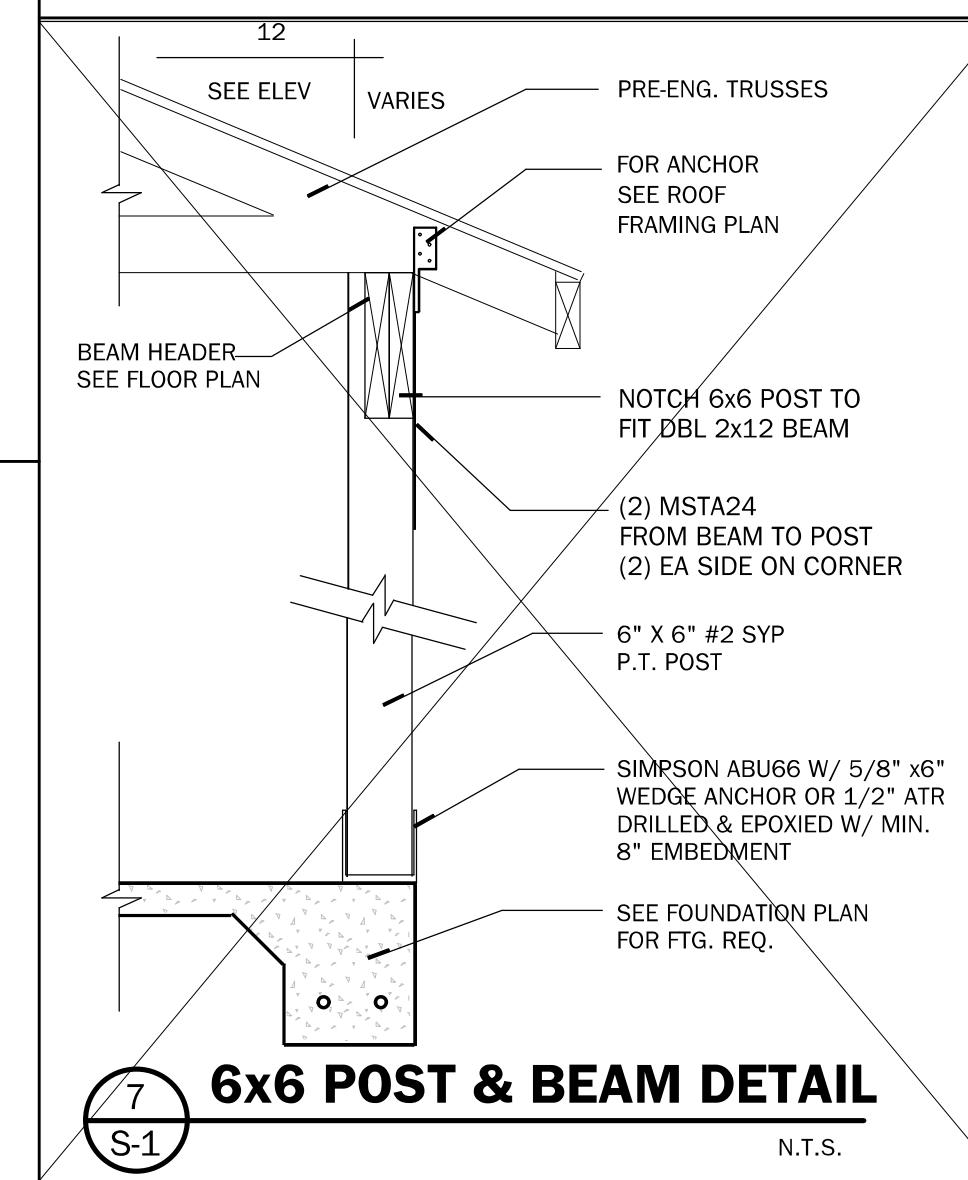
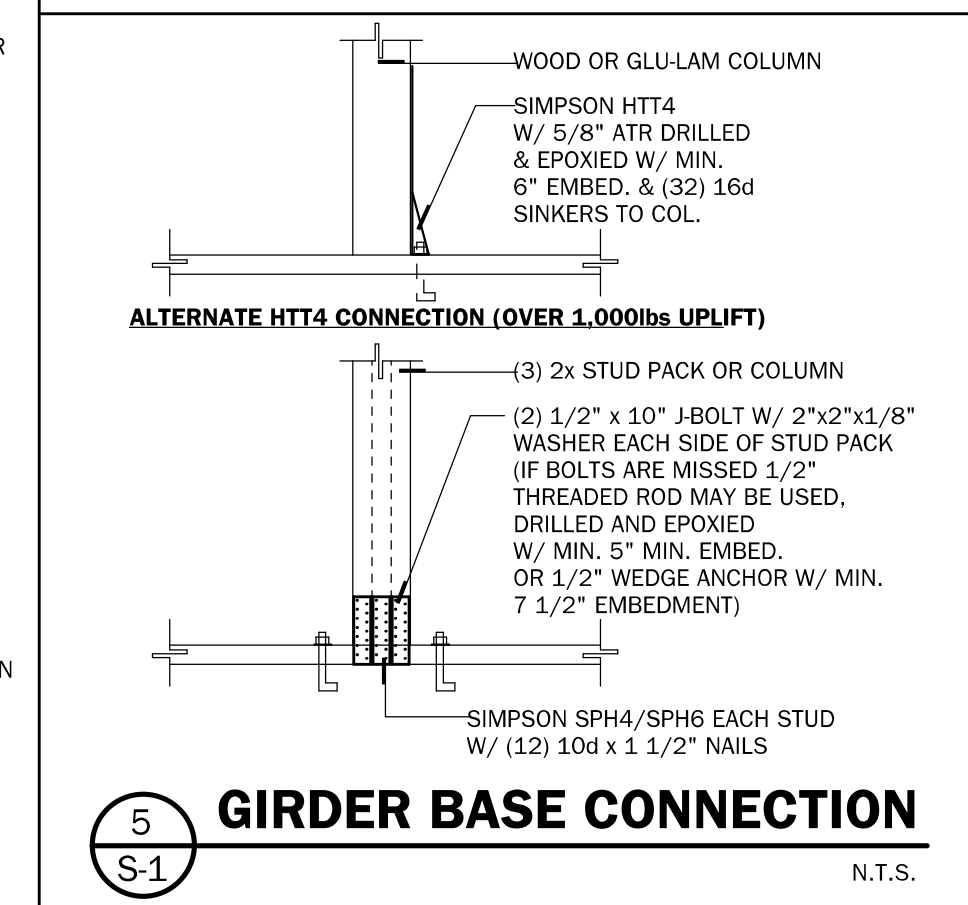
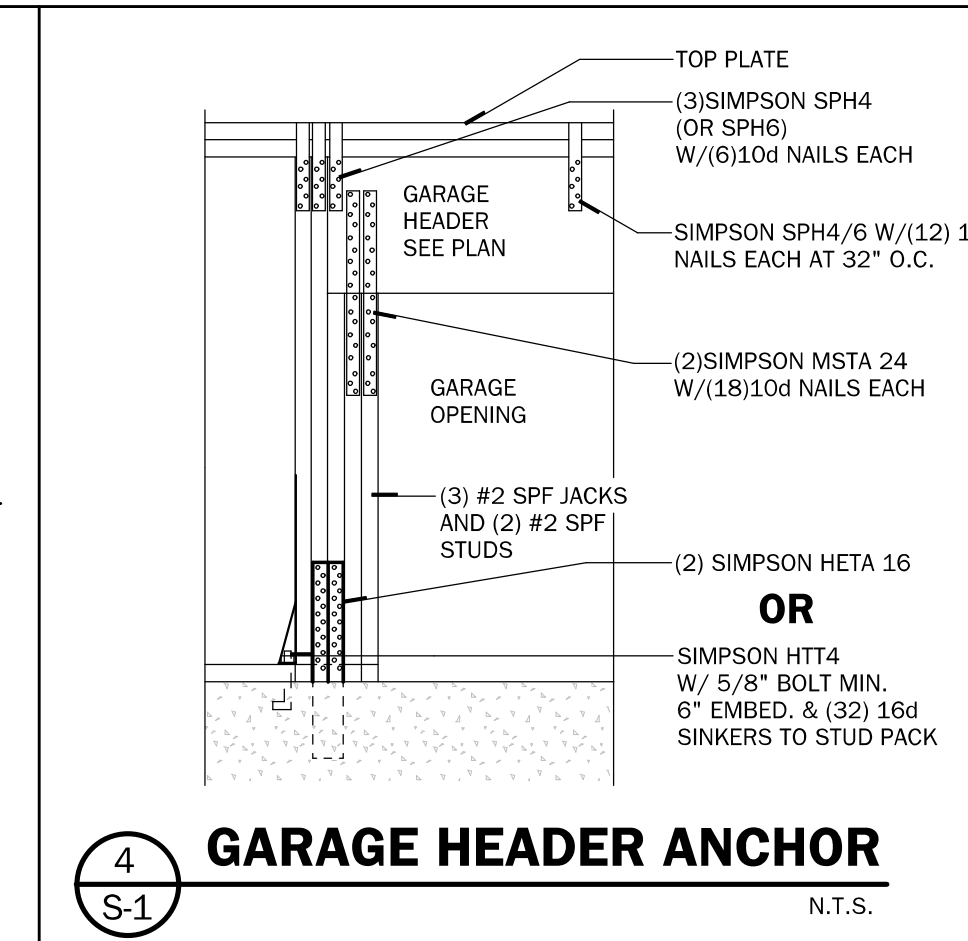
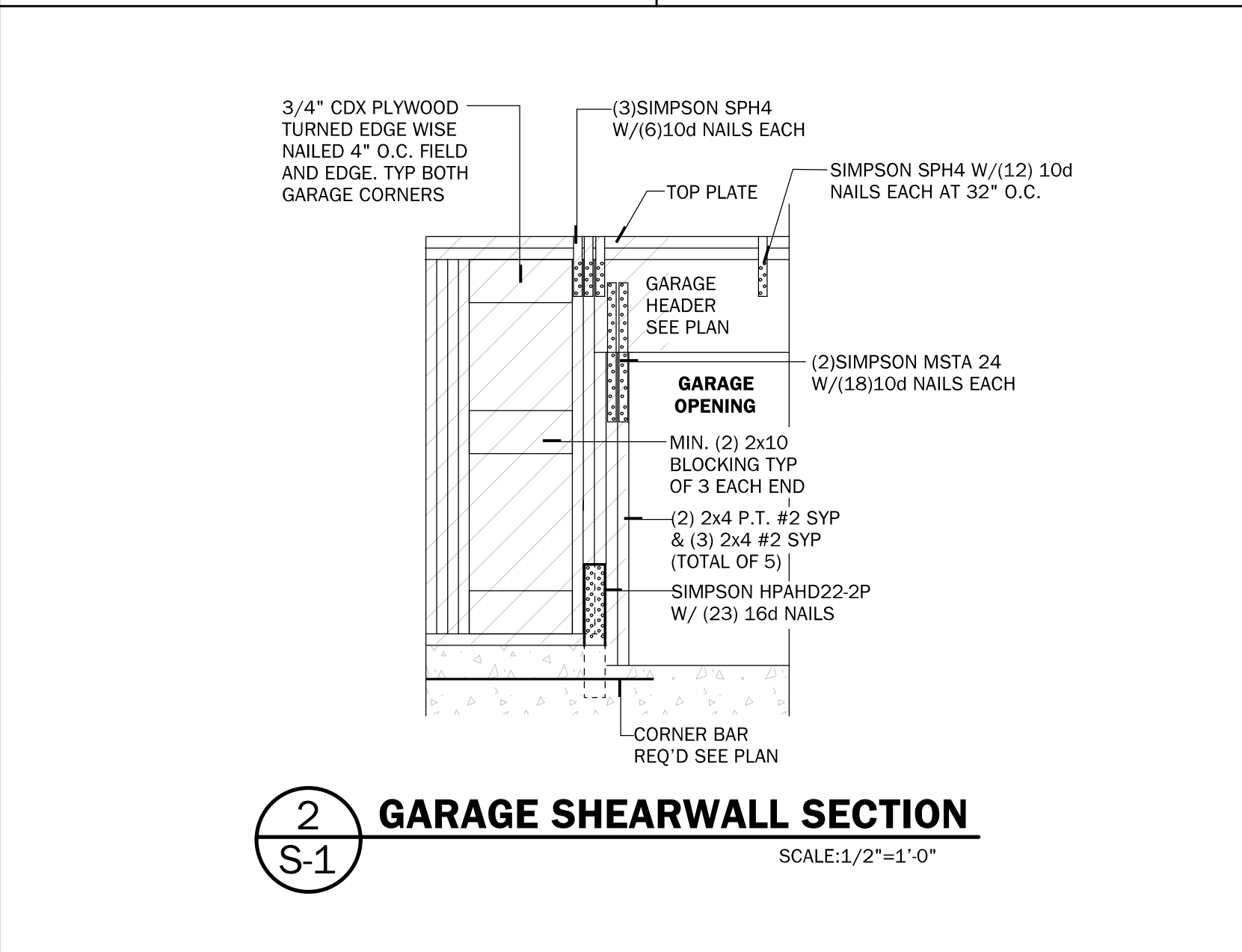
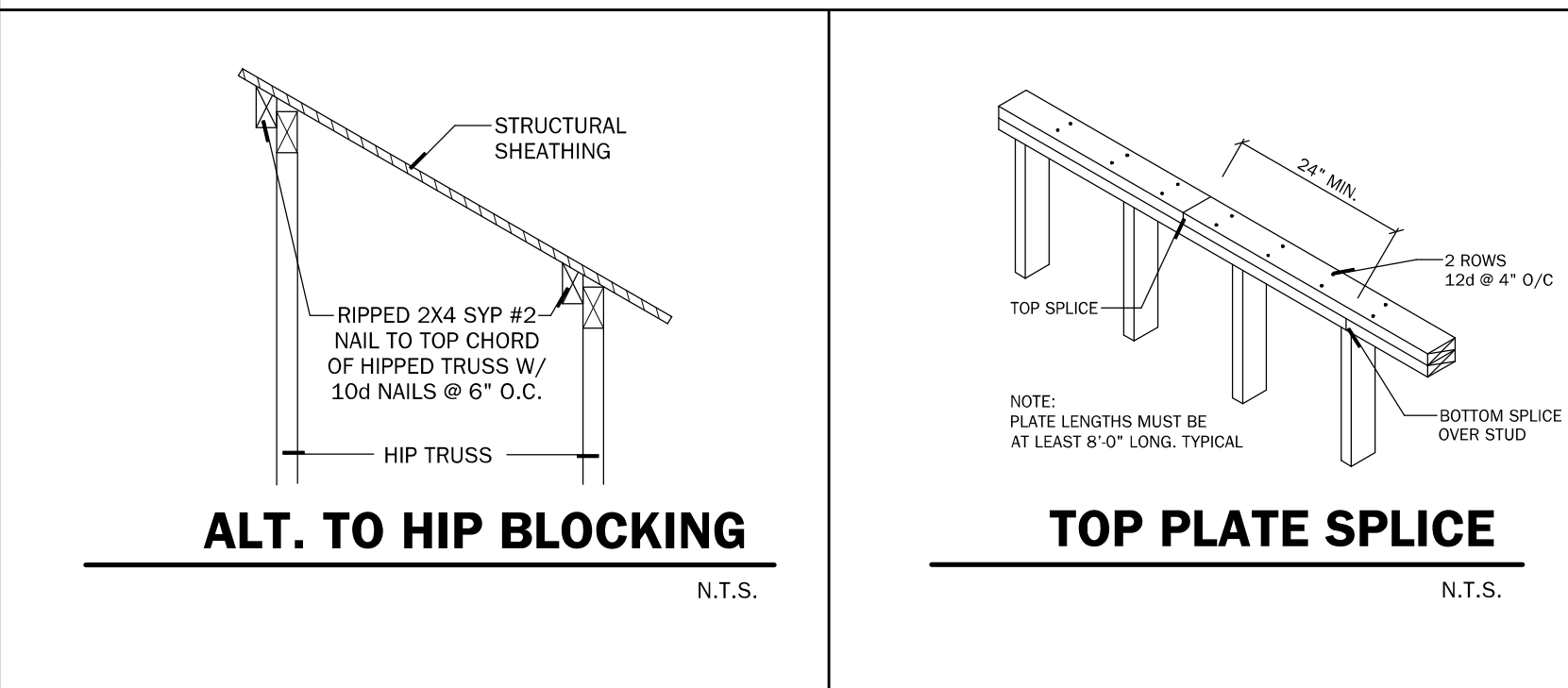
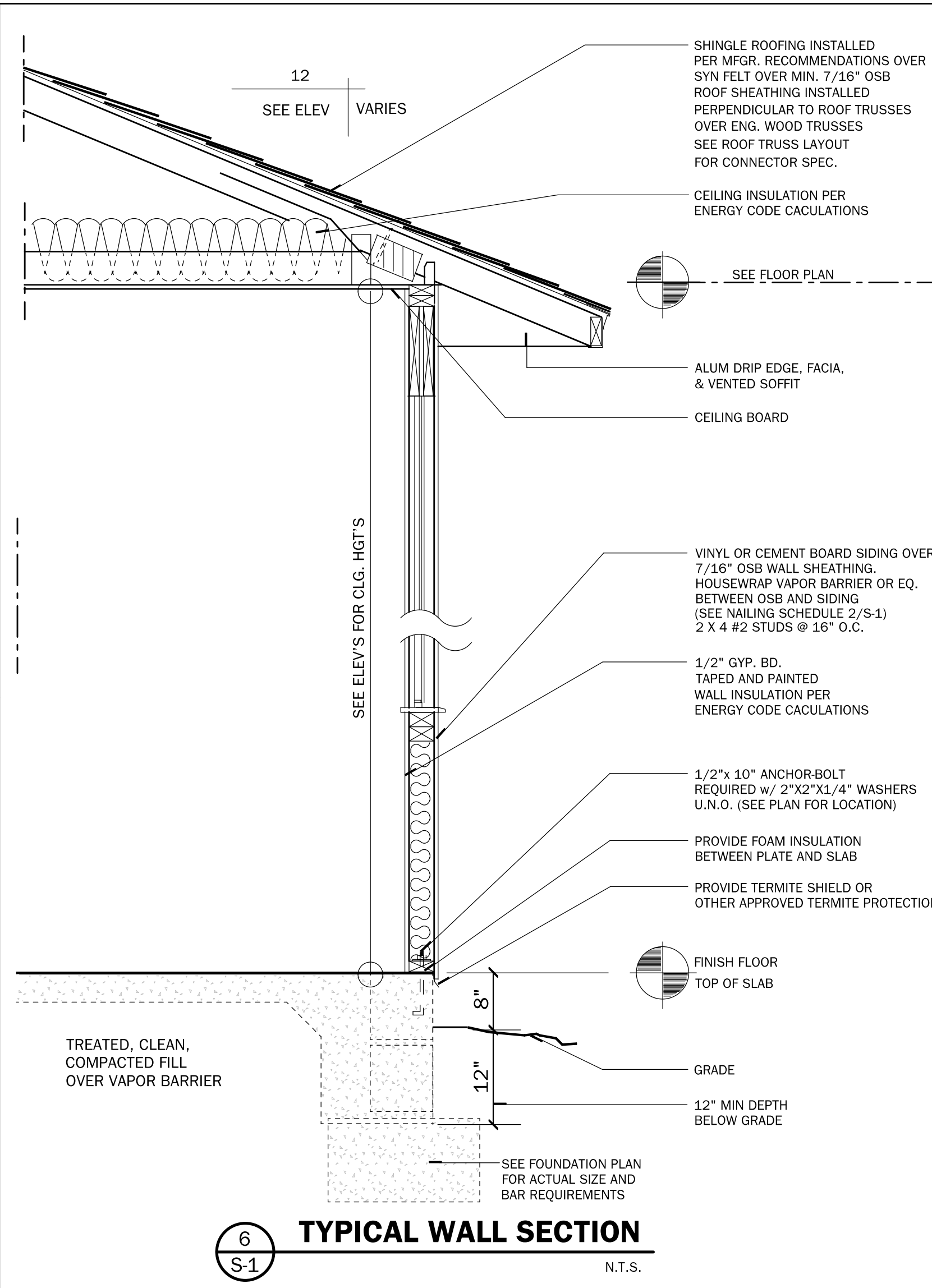
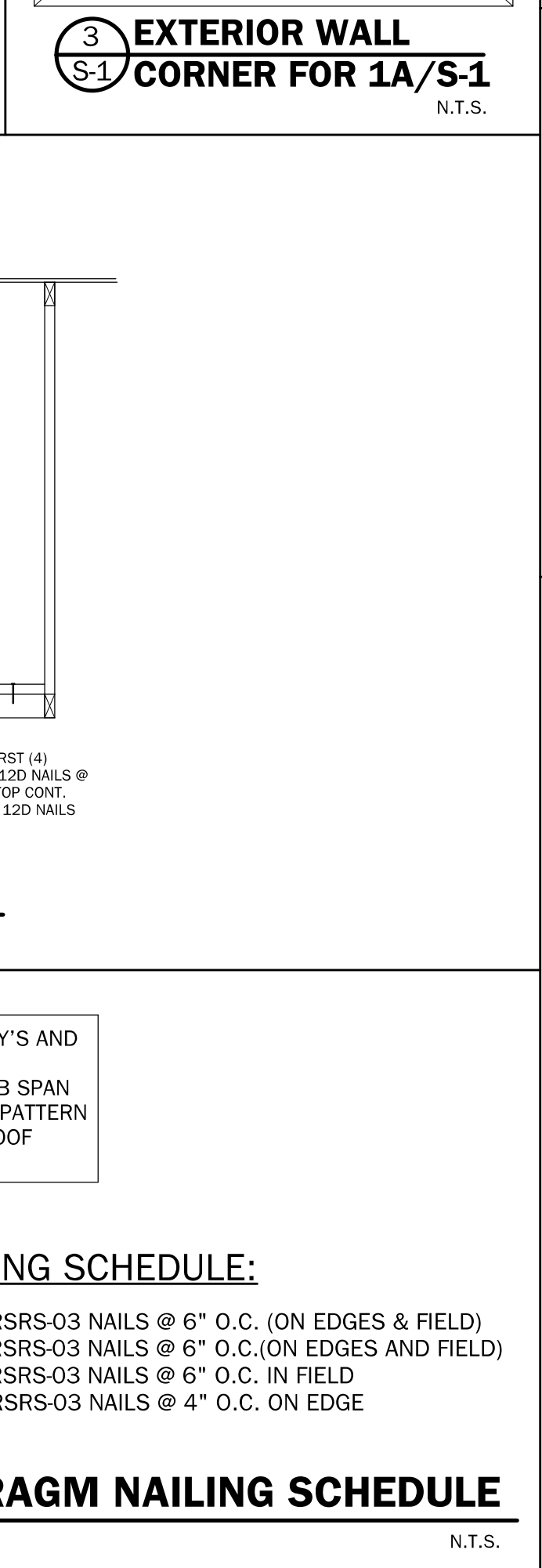
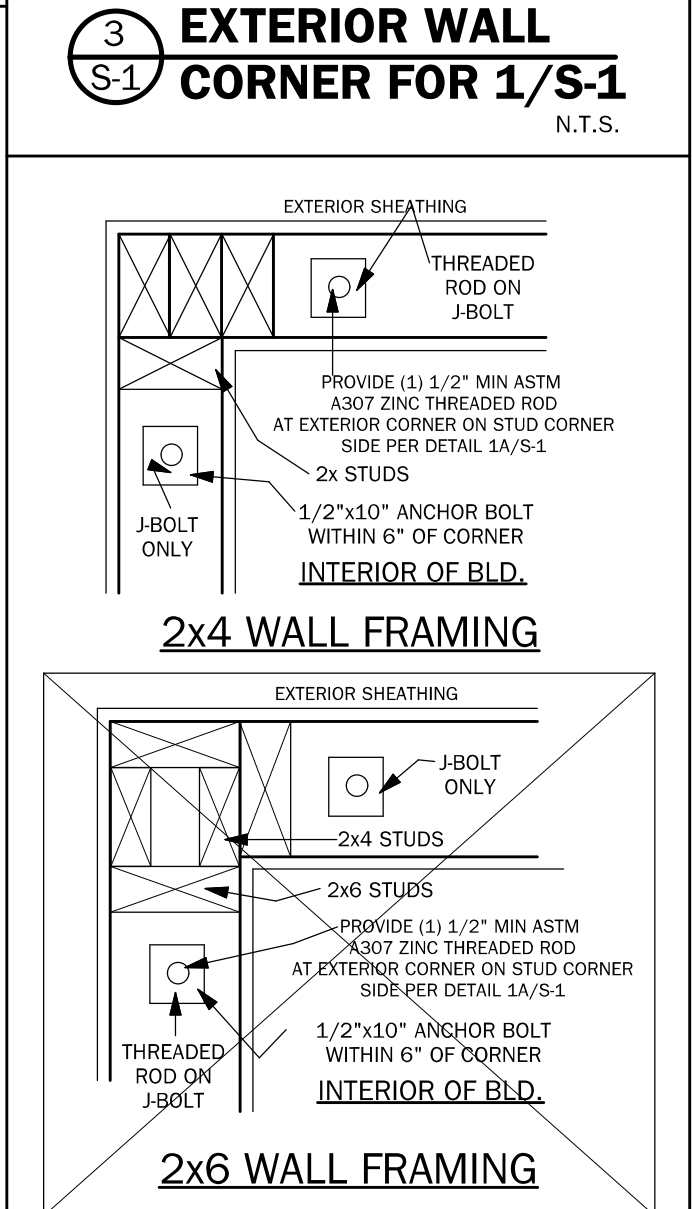
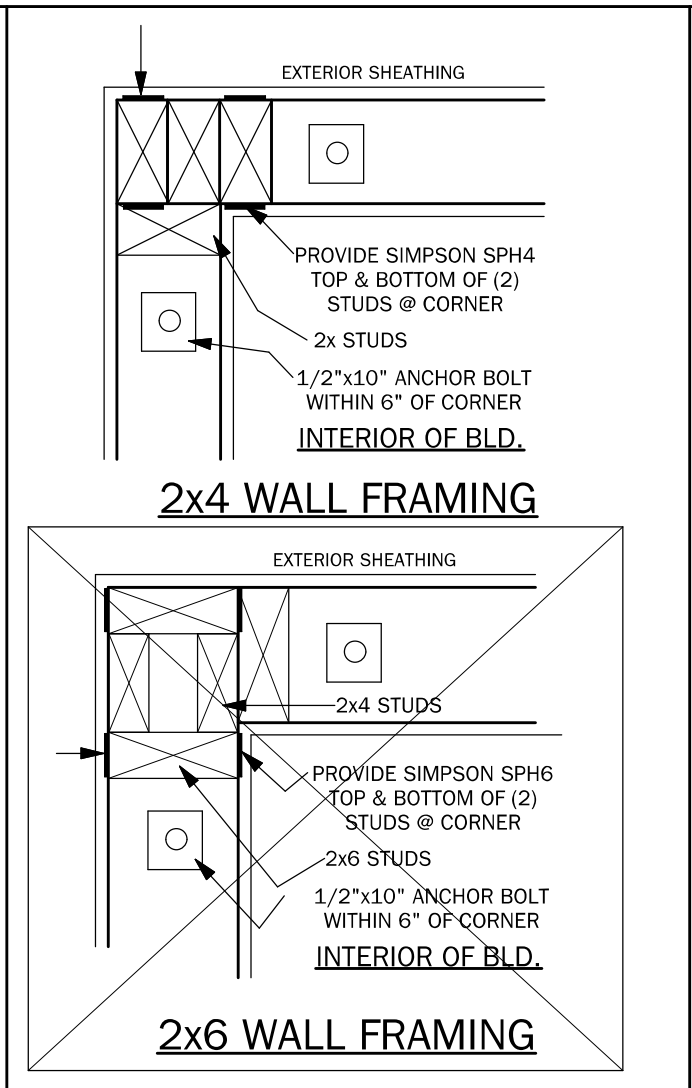
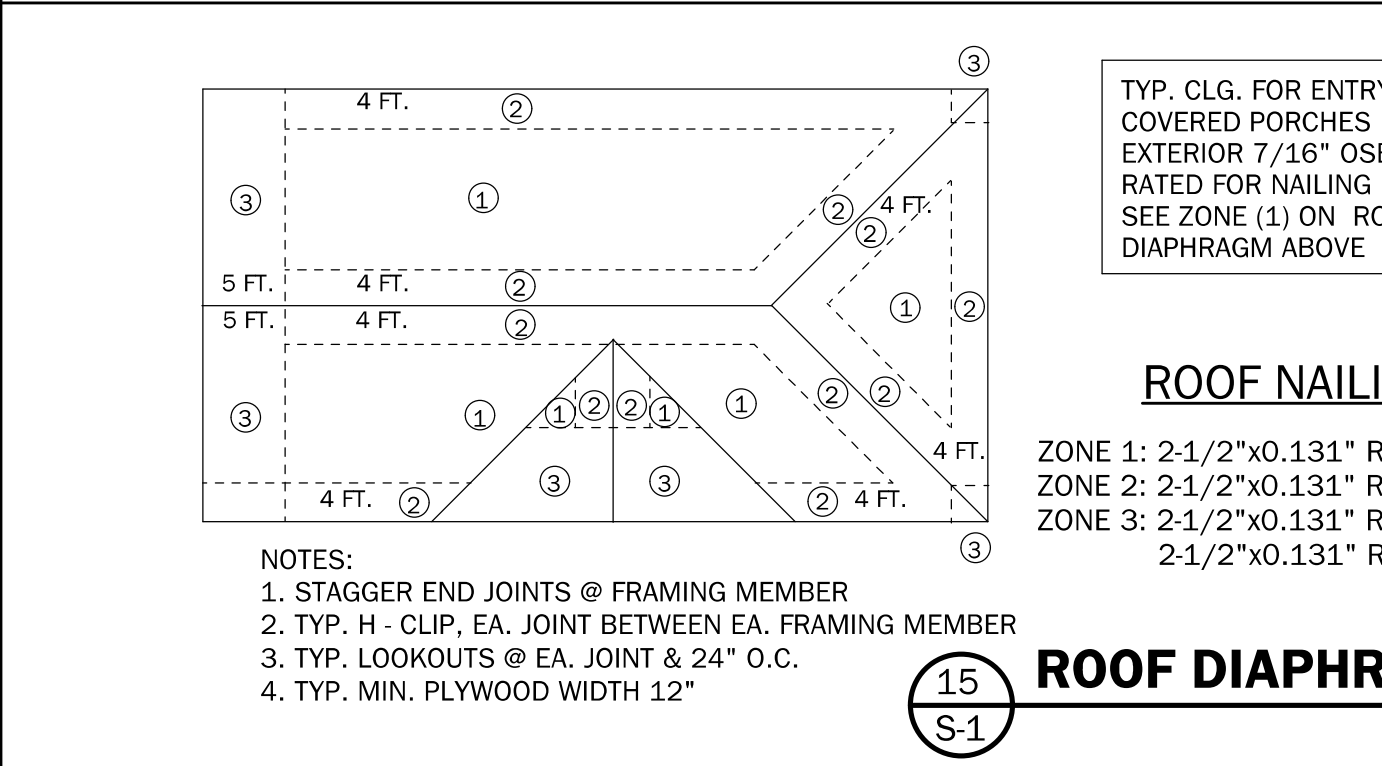
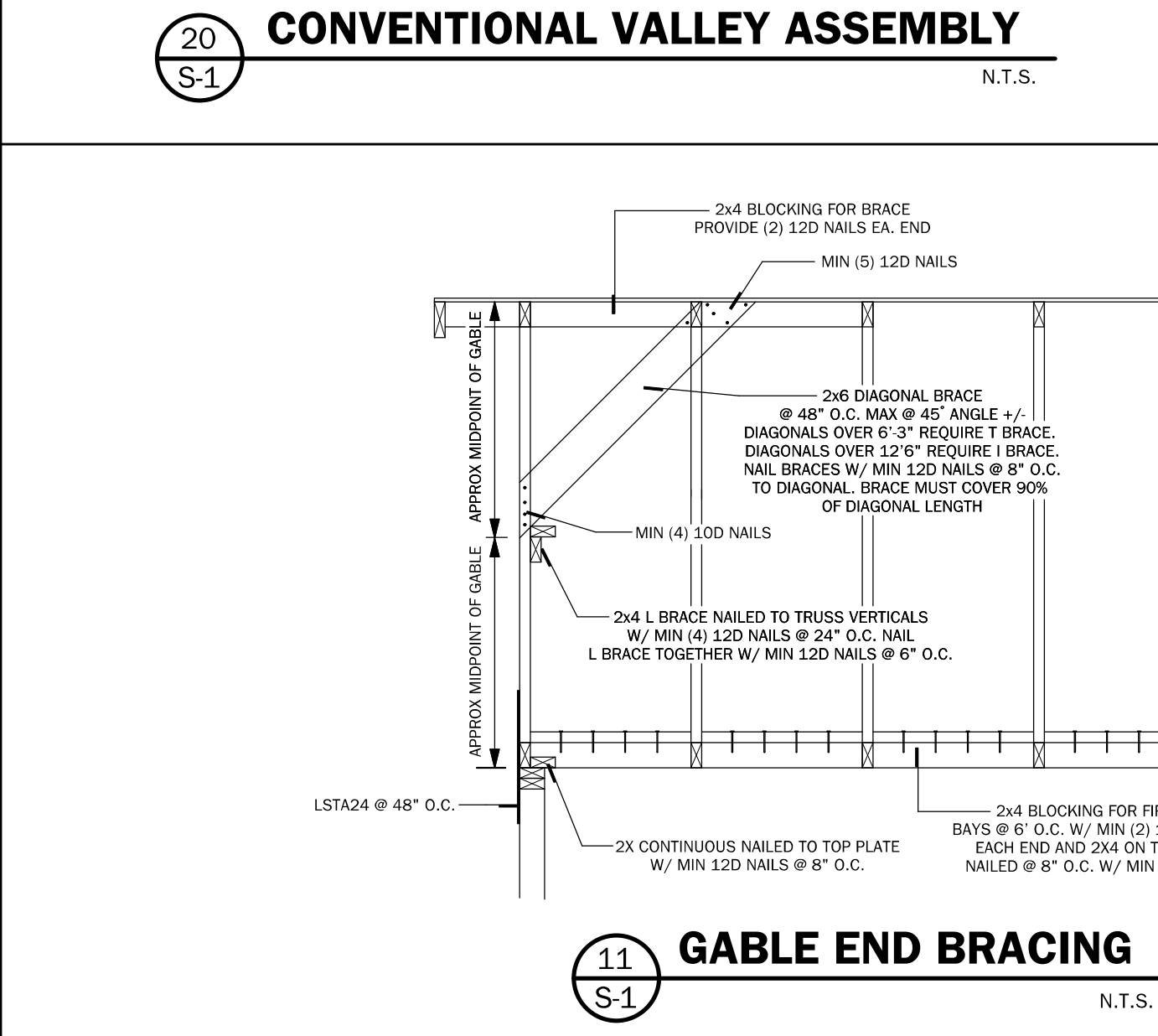
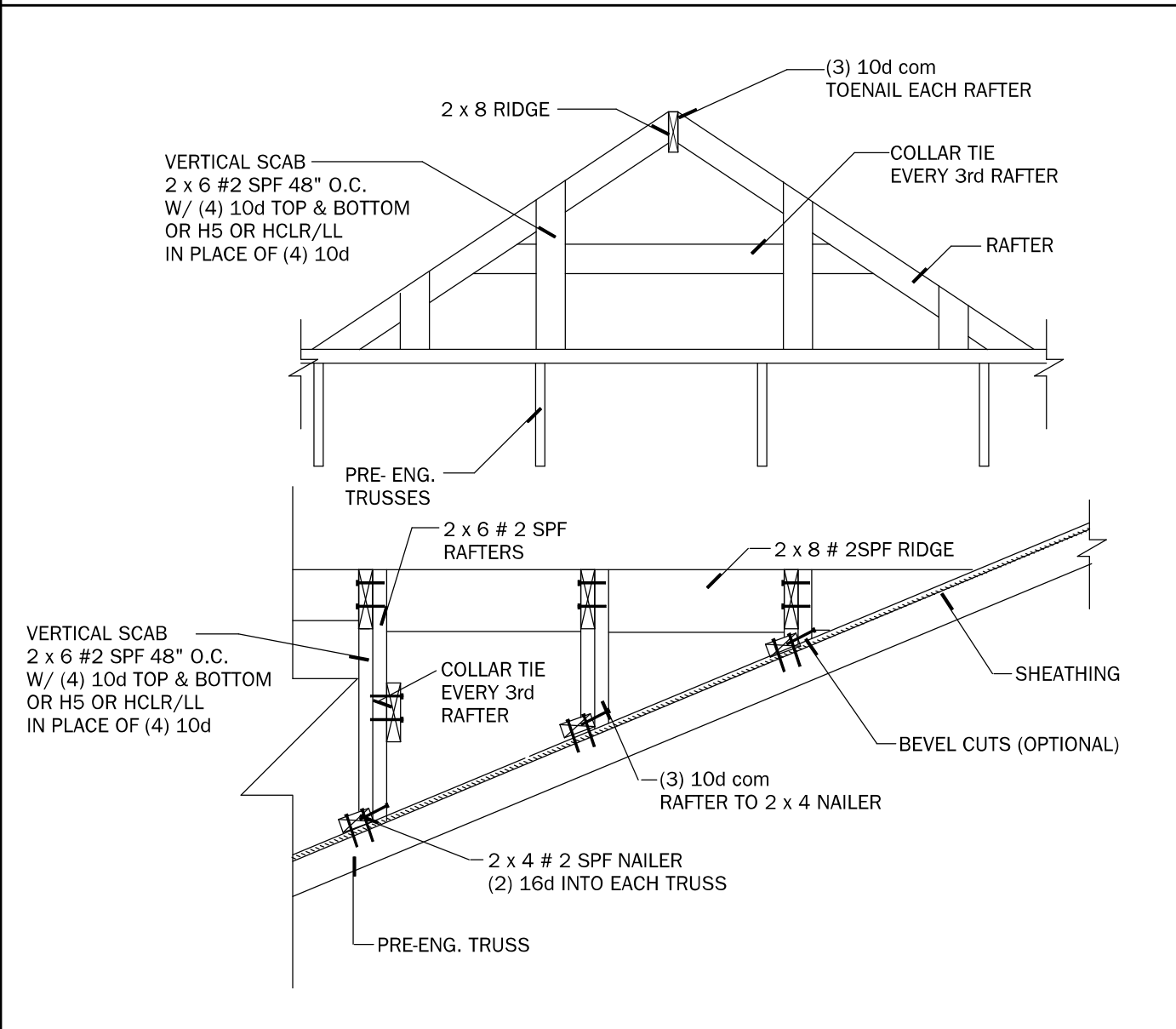
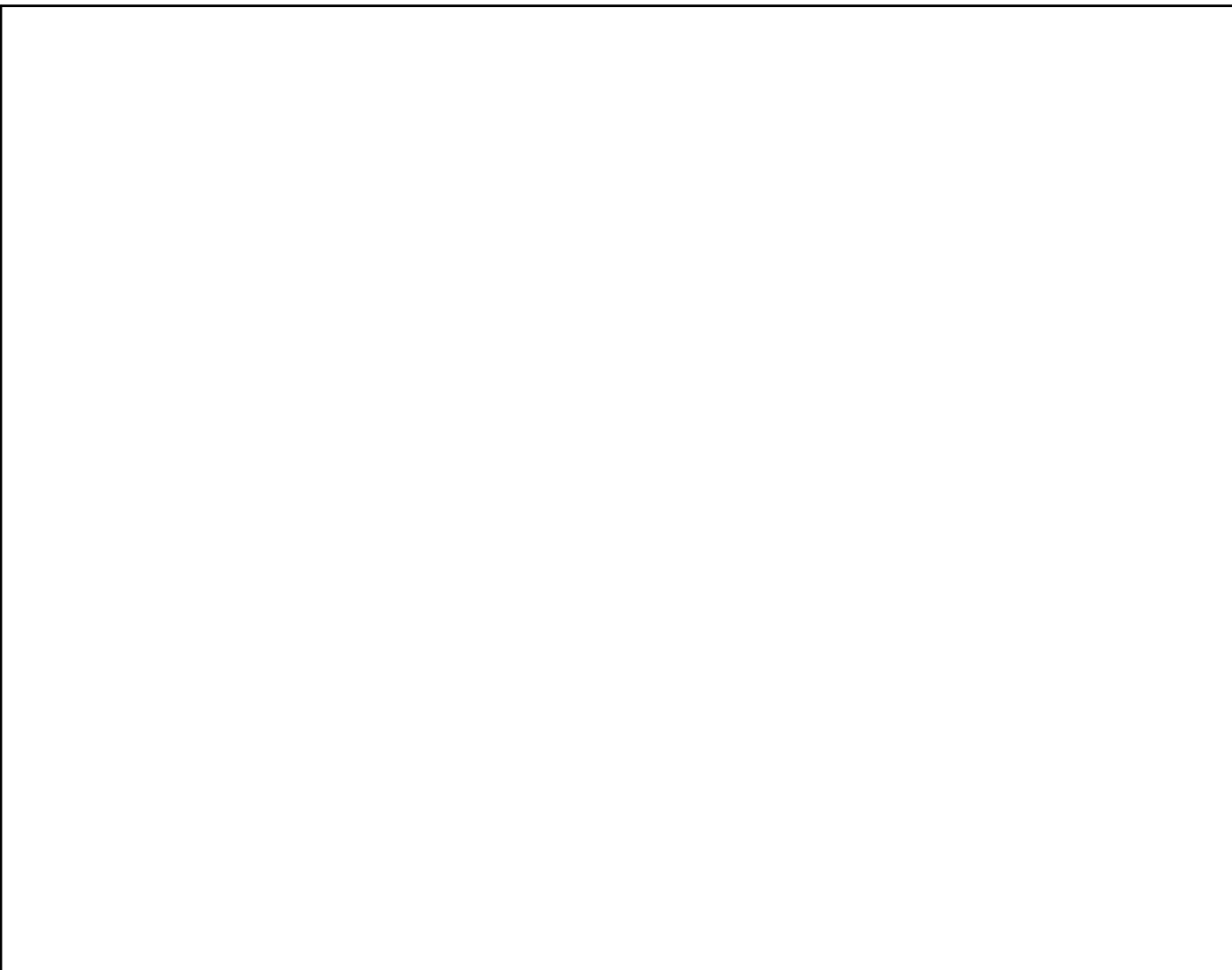
**Digitally signed by**  
Randolph Wiggins  
Date: 2024.07.09  
11:36:16 -04'00'

**L.C.M.S.**  
International Construction Management Services, Inc.  
CBC 1259325 CBC 1259328  
9413 N.W. 143rd Street, Alachua, FL 32615  
lcmshalachua@gmail.com 352-462-9587

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LAST PLOT DATE: JULY 09, 2024  
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LAST PLOT DATE: July 09, 2024

**S-1 OF 4**

**15 S-1**