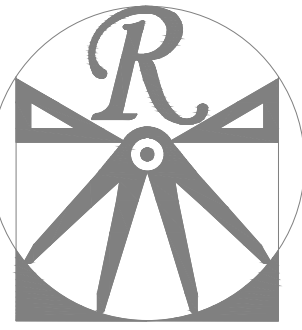


PLANS DESIGNED TO THE  
2018 NORTH CAROLINA STATE  
RESIDENTIAL BUILDING CODE.

LOT 4 WEST PARK  
149 WEST PARK LANE  
SANFORD, NC 27332

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
2. CONTRACTOR SHALL THOROUGHLY REVIEW ALL SHEETS IN PLAN SET AND VERIFY ALL DETAILS AND DIMENSIONS BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO RENAISSANCE RESIDENTIAL DESIGN, INC. FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED PRIOR TO CONSTRUCTION.
3. ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED.
4. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.



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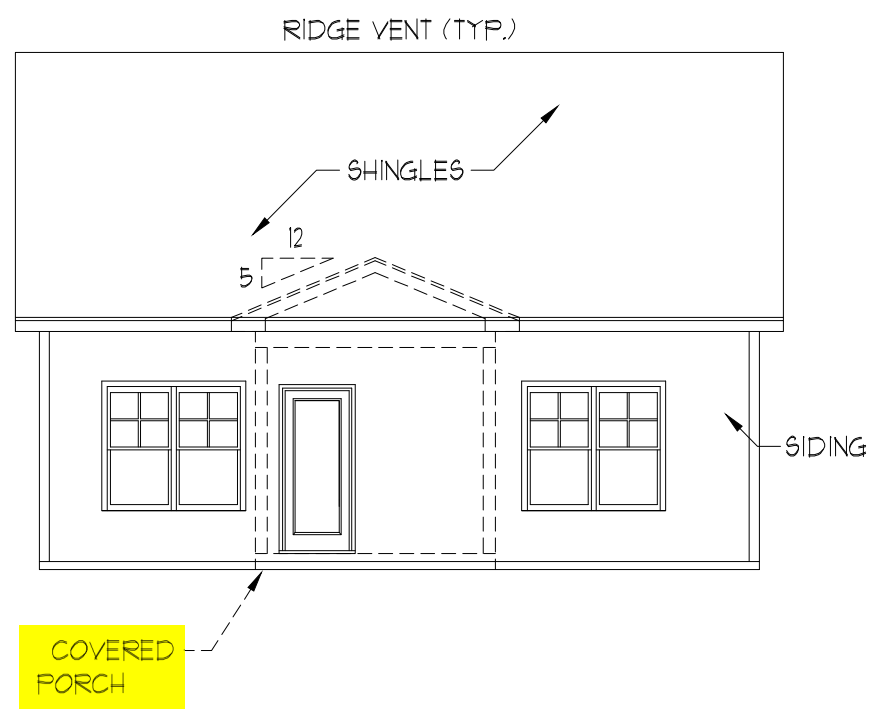


FRONT ELEVATION-C  
SCALE: 1/4" = 1'-0"

NOTICE TO CONTRACTOR  
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

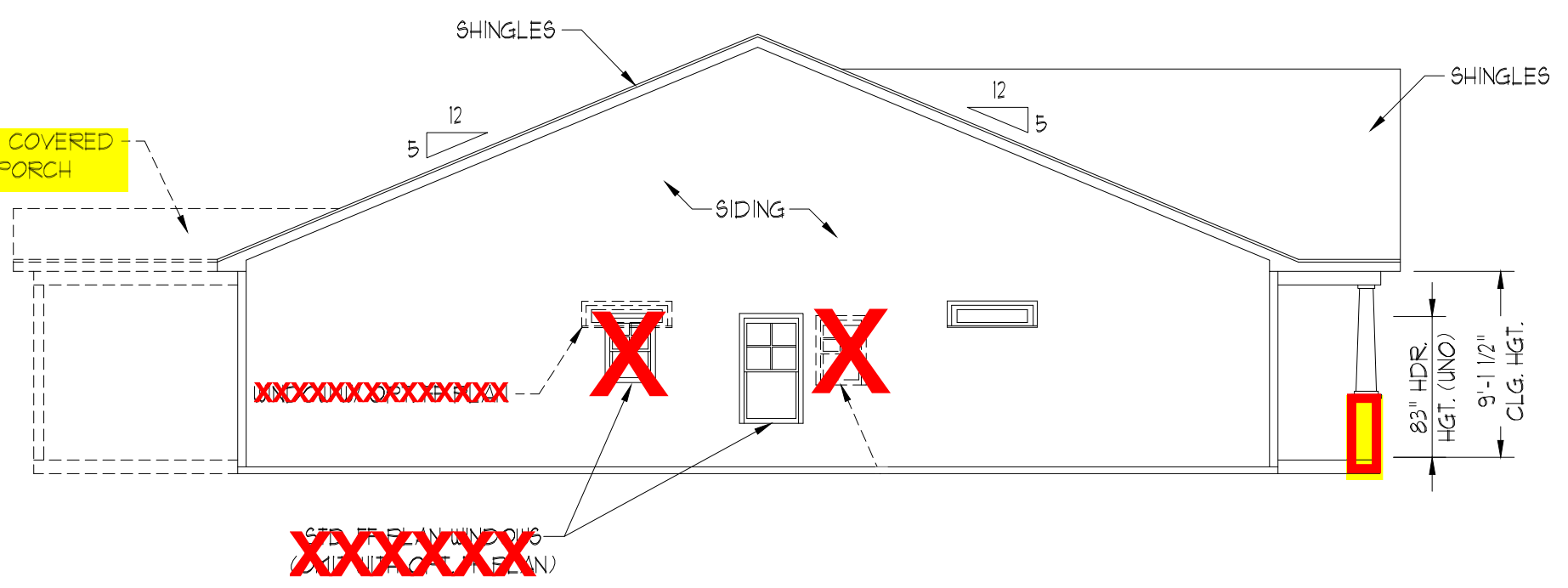
APPROVED  
Limited building only review  
Permit holder responsible for full compliance with the code

09/17/2021

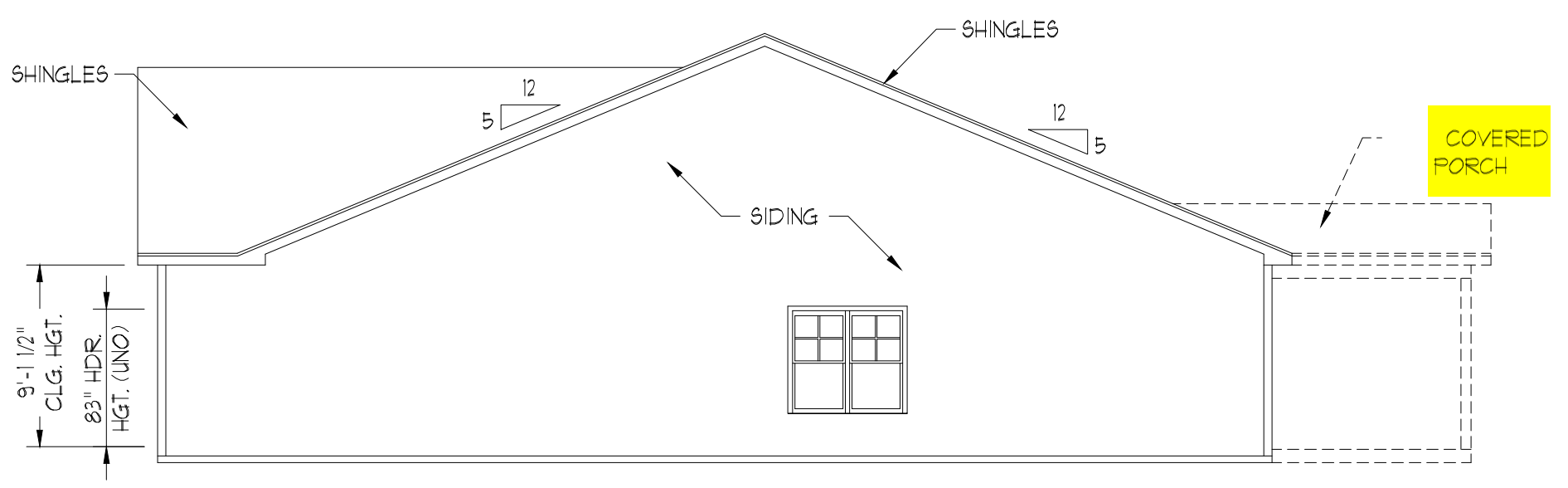


REAR ELEVATION  
SCALE: 1/8" = 1'-0"

HVAC: N/A  
ELECTRICAL: PIONEER  
PLUMBING: DOUBLE J



LEFT ELEVATION  
SCALE: 1/8" = 1'-0"



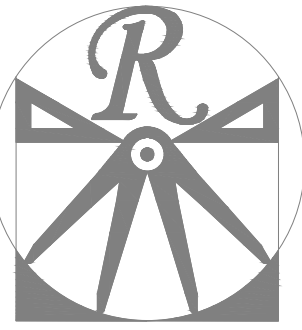
RIGHT ELEVATION  
SCALE: 1/8" = 1'-0"

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.  
11x17 PRINTS ARE NOT TO SCALE

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LEYLAND-II

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REV.:  
SCALE: 1/4" = 1'-0"  
DRAWN BY: WG  
ENGINEERED BY:  
REVIEWED BY:

C - ELEVATIONS  
A-3



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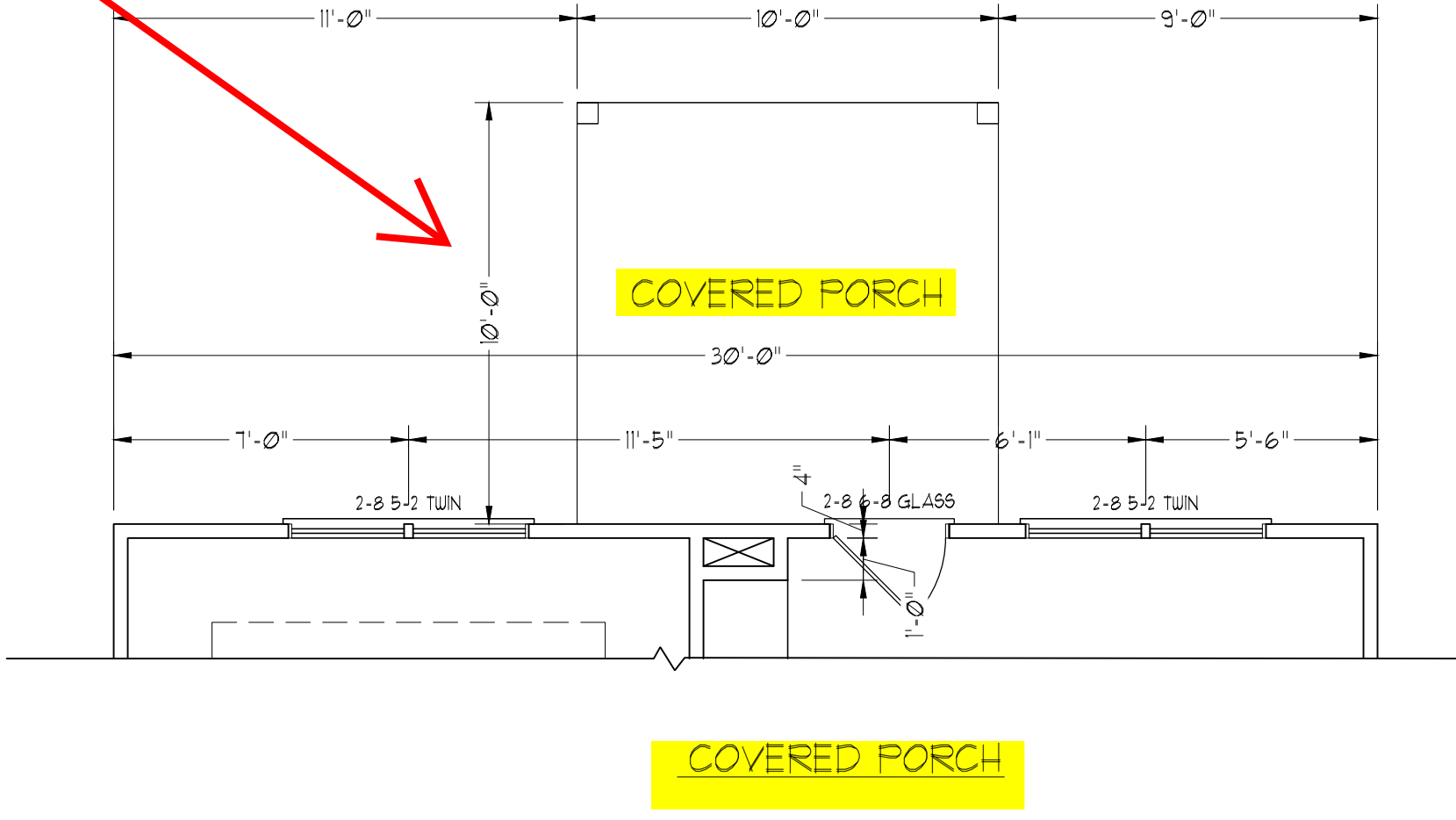
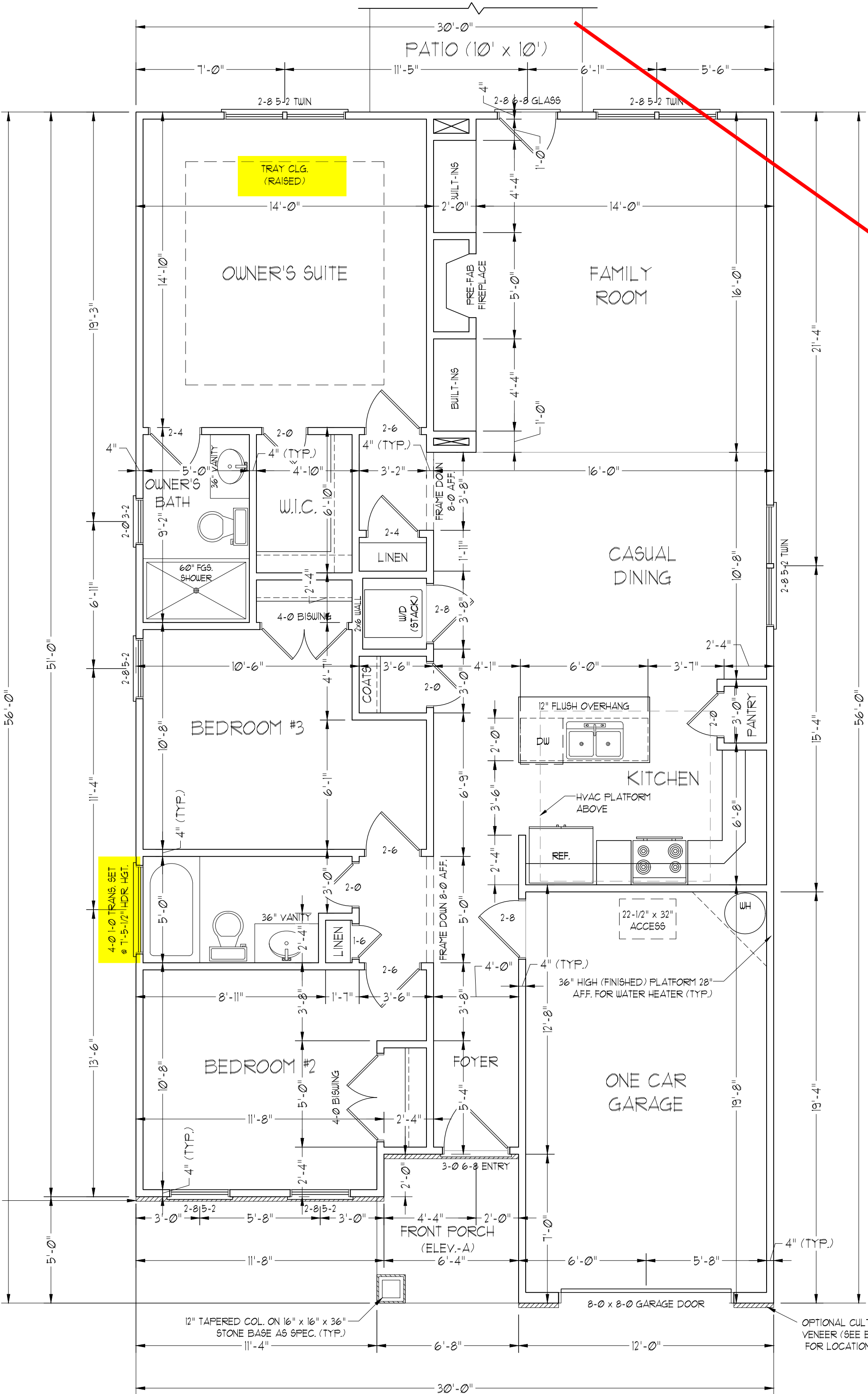
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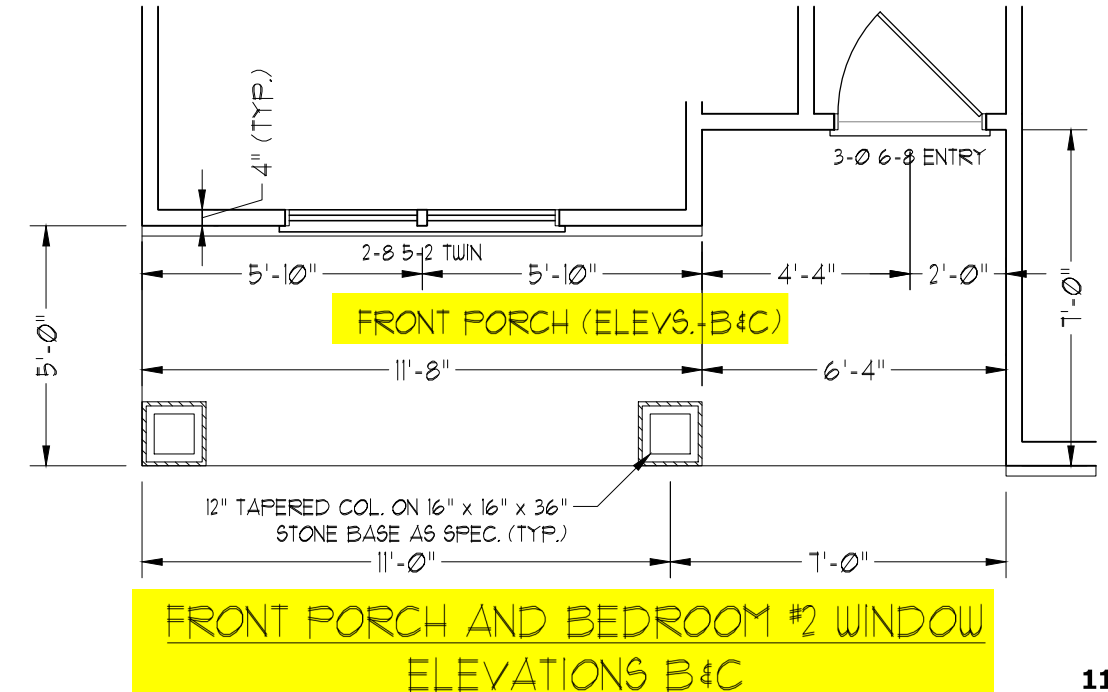
STANDARD  
FIRST FLOOR  
PLAN

A-4

SQUARE FOOTAGE (I.F.S.)	
1st FLOOR:	1295 SQ. FT.
TOTAL:	1295 SQ. FT.
GARAGE:	215 SQ. FT.
FRONT PORCH (ELEV.-A):	46 SQ. FT.
FRONT PORCH (ELEV.-B4C):	102 SQ. FT.
REAR PATIO:	100 SQ. FT.



STANDARD FIRST FLOOR PLAN



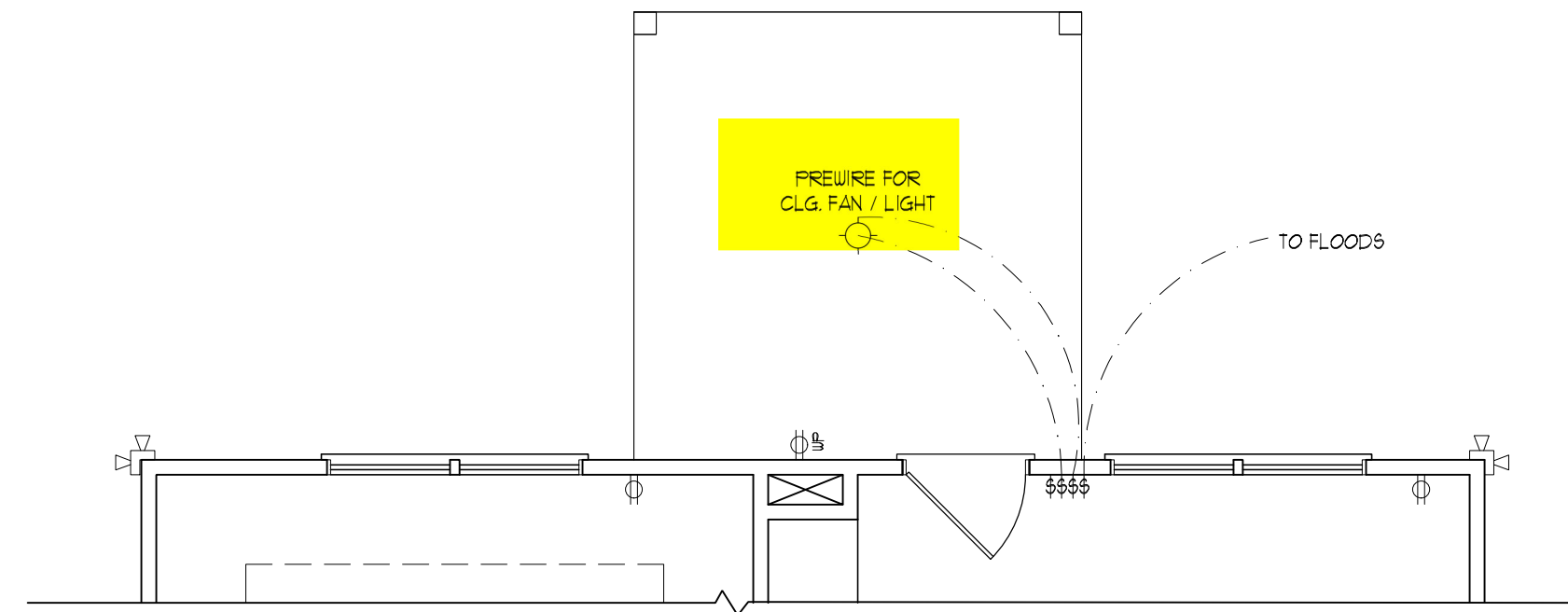
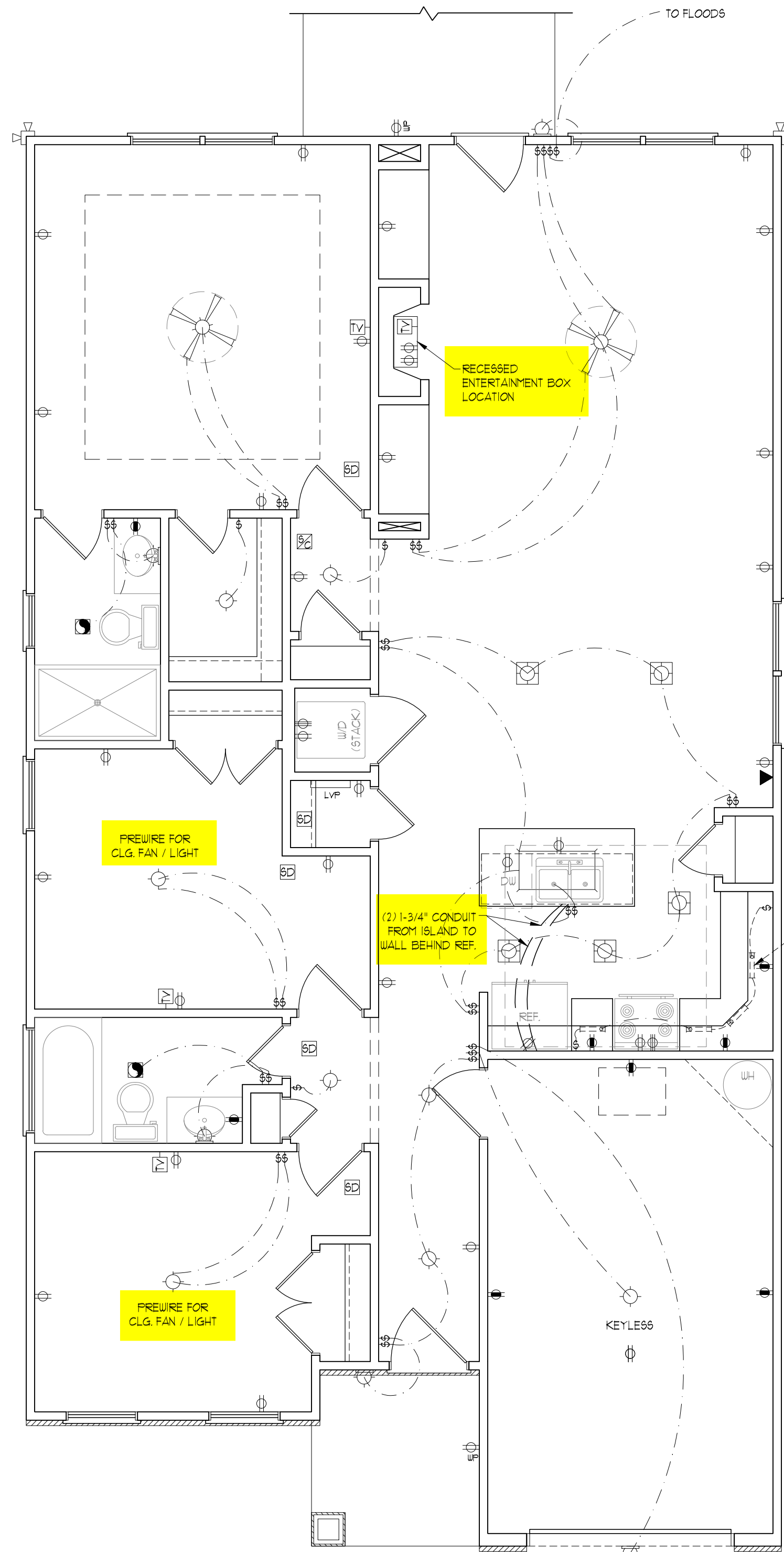
SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.  
11x17 PRINTS ARE NOT TO SCALE

**ELECTRICAL LAYOUT NOTES:**

- 1.) BLOCK AND WIRE FOR ALL CEILING FANS PER PLAN.
- 2.) VANITY LIGHTS TO BE SET @ 30" AFF. (TYP.)
- 3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.
- 4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

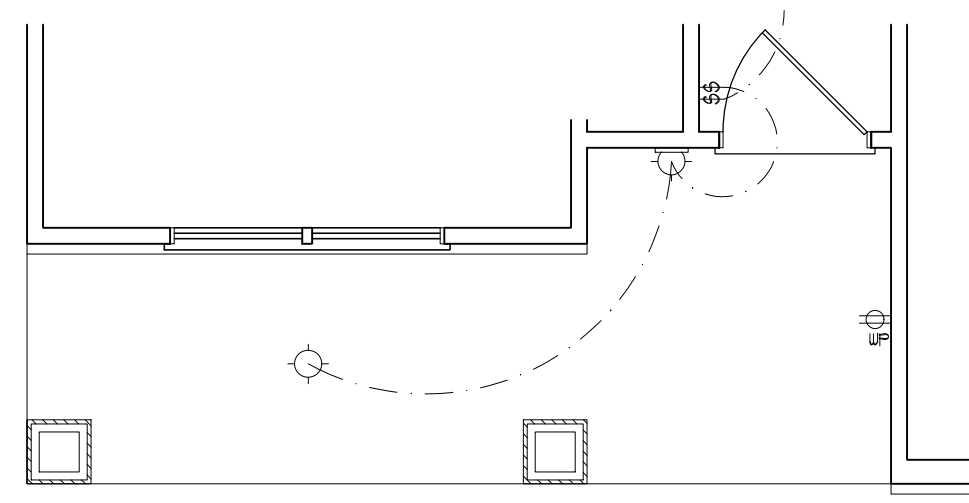
**ELECTRICAL LEGEND**

- 110 V OUTLET
- 110 V GFI OUTLET
- 110 V SWITCHED OUTLET
- 110 V BASEBOARD OUTLET
- 4-FLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110V GFI
- WEATHERPROOF
- 220 V OUTLET
- 110 V DEDICATED CIRCUIT
- 220 V DEDICATED CIRCUIT
- SPECIAL PURPOSE (240 V, ETC.)
- WALL MOUNT LIGHT
- CEILING MOUNT LIGHT
- PENDANT LIGHT
- RECESSED CAN LIGHT
- MINI CAN LIGHT
- EYEBALL LIGHT
- FLUORESCENT LIGHT
- UNDERCABINET LIGHT
- FLOOD LIGHT
- SWITCH
- DIMMER SWITCH
- TELEPHONE
- DATA
- TELEPHONE AND DATA
- TV CONNECTION
- TV/ DATA
- CONDUIT FOR COMPONENT WIRING
- SPEAKER
- 110 V SMOKE/ CM DETECTOR
- 110 V SMOKE DETECTOR
- EXHAUST FAN
- LOW VOLTAGE PANEL
- ALARM
- CEILING FAN
- CEILING FAN W/ LIGHT



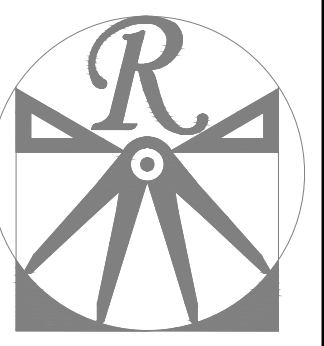
**COVERED PORCH**

**STANDARD FIRST FLOOR PLAN**



**FRONT PORCH AND BEDROOM #2 WINDOW ELEVATIONS-B4C**

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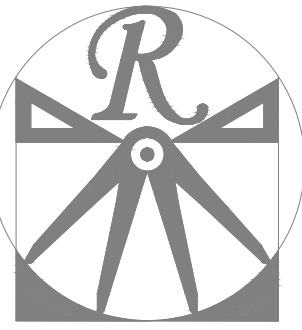
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SCALE: 1/4" = 1'-0"  
DRAWN BY: WG  
ENGINEERED BY:  
REVIEWED BY:

STANDARD FF  
ELECTRICAL  
PLAN

**E-1**



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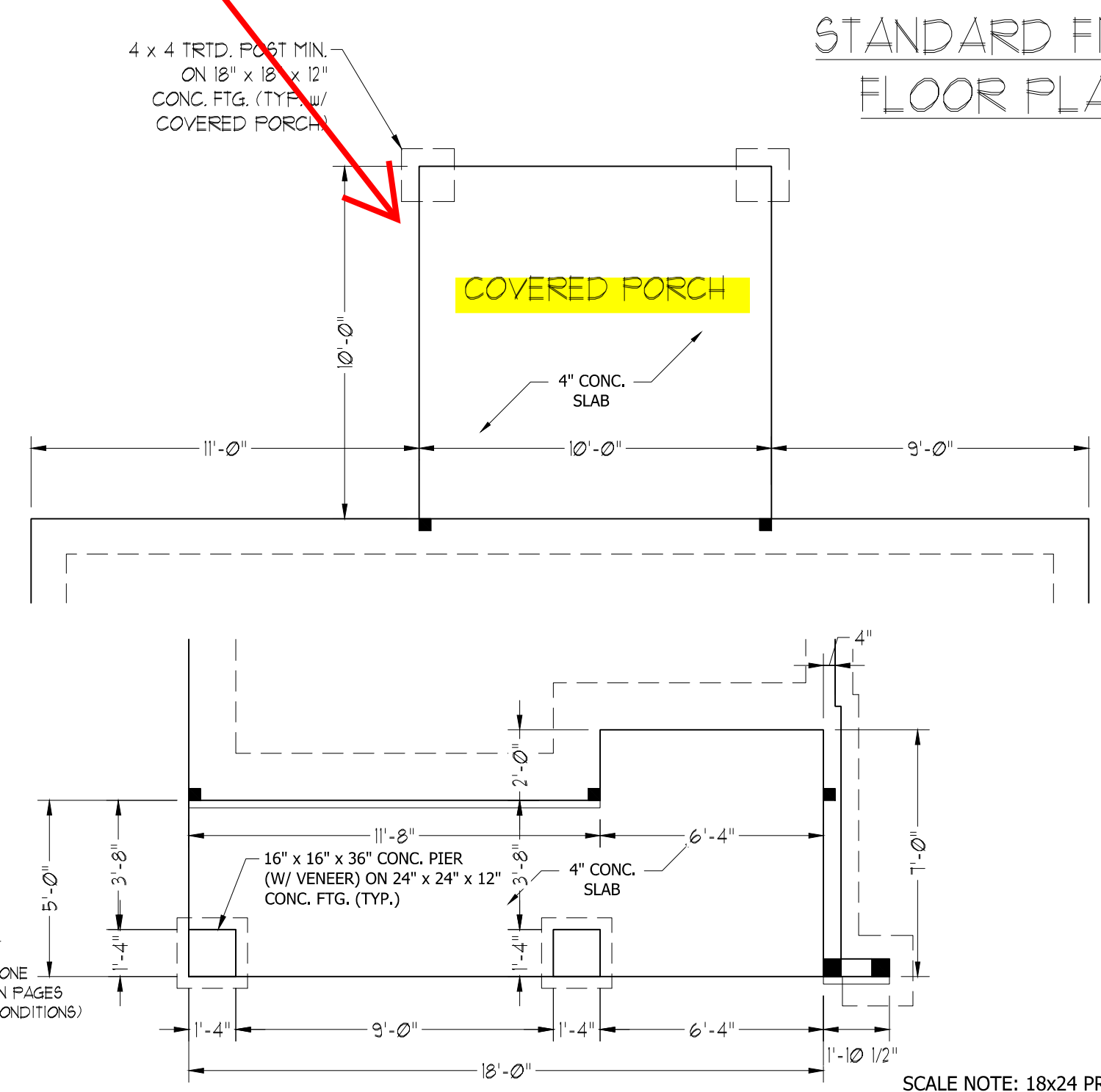
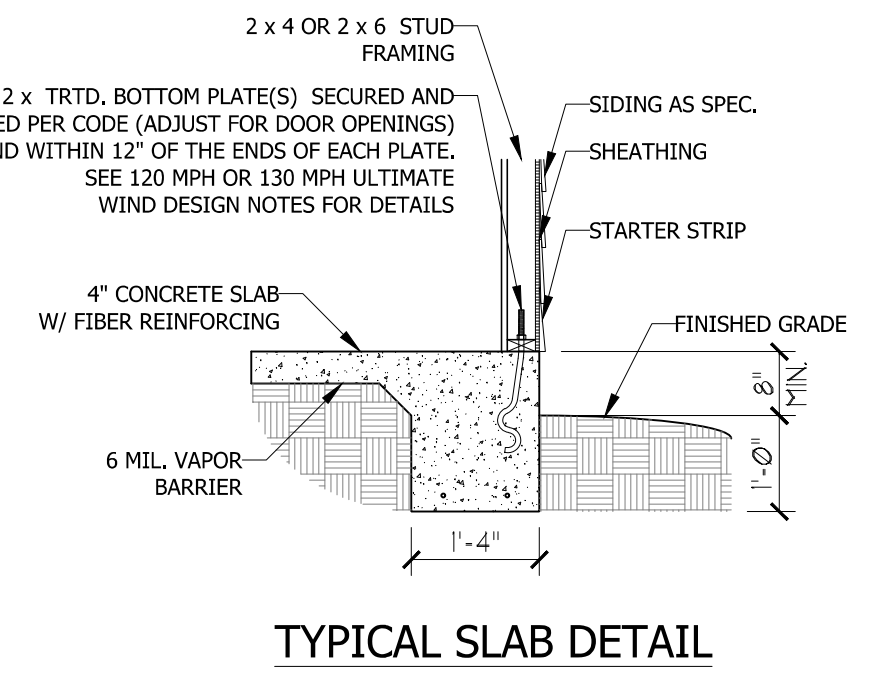
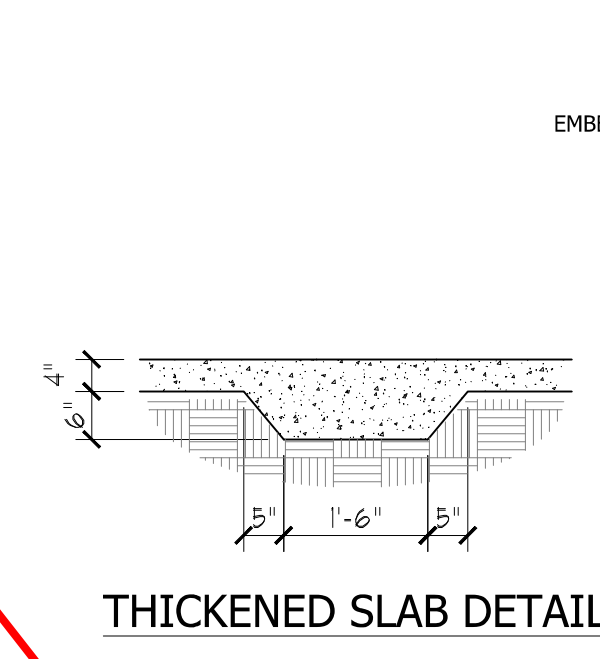
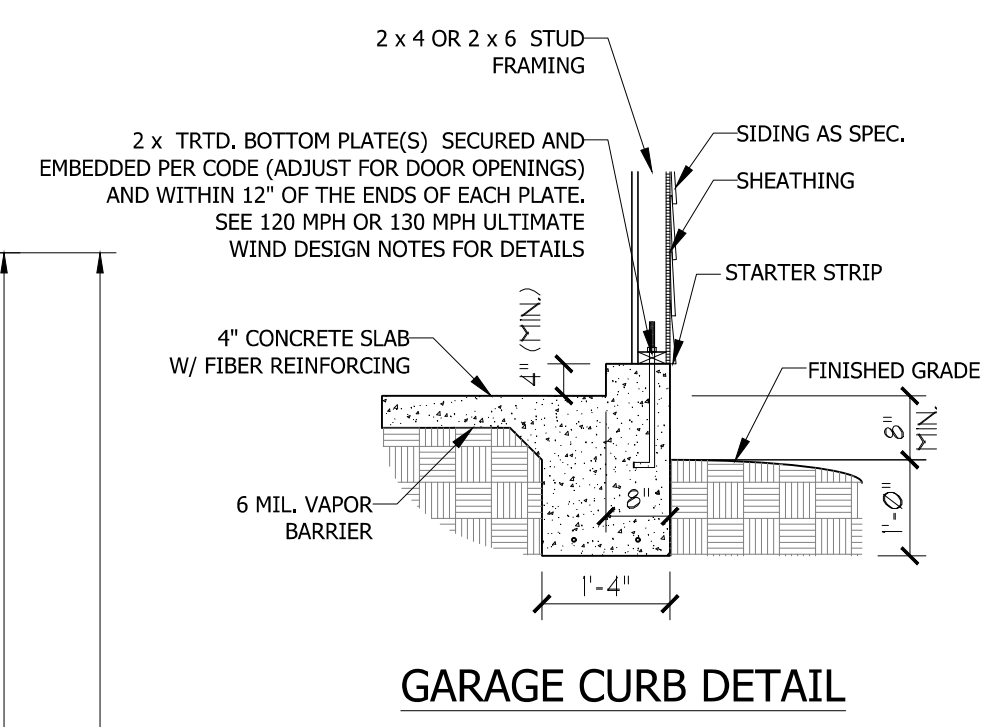
REVIEWED BY:

STD. MONO SLAB  
FOUNDATION  
PLAN

S-1

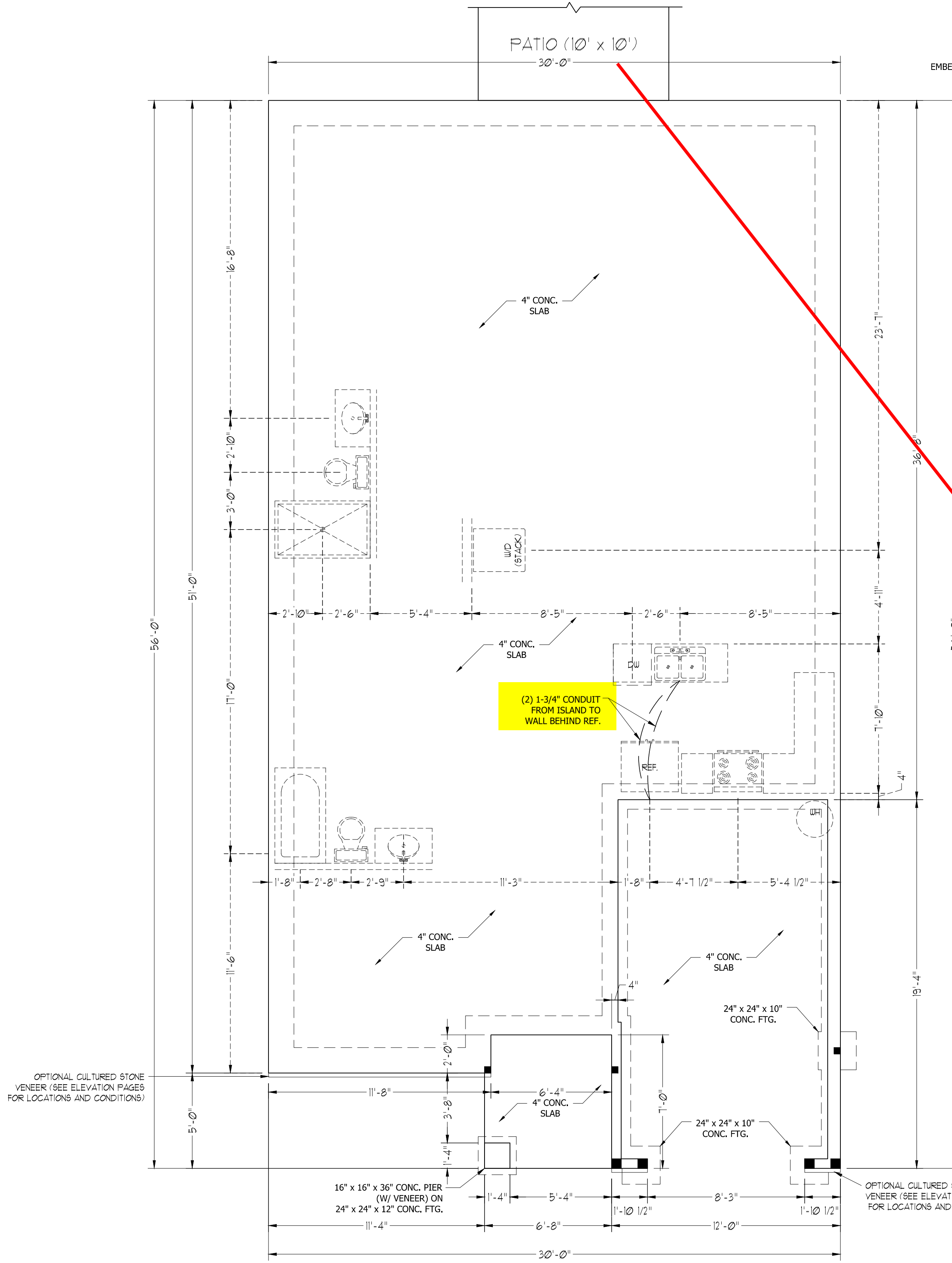
**ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:**

- STRUCTURAL DESIGN PER NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
- FOR 120 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 6'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A MINIMUM OF 7" INTO CONCRETE OR 15" INTO MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD OF PLATE WIDTH.
- FOR 130 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 4'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A MINIMUM OF 7" INTO CONCRETE OR 15" INTO MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD OF PLATE WIDTH.
- MEAN ROOF HEIGHT IS LESS THAN 30 FEET.
- EXTERIOR WALLS DESIGNED FOR 120 OR 130 MPH WINDS.
- INSTALL 7/16" OSB SHEATHING ON ALL EXTERIOR WALLS OF ALL STORIES IN ACCORDANCE WITH SECTION R602.10.3 OF THE NRC, 2018 EDITION.
- ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NRC, 2018 EDITION.



**FRONT PORCH ELEVATIONS-B&C**

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.  
11x17 PRINTS ARE NOT TO SCALE



OPTIONAL CULTURED STONE VENEER (SEE ELEVATION PAGES FOR LOCATIONS AND CONDITIONS)

OPTIONAL CULTURED STONE VENEER (SEE ELEVATION PAGES FOR LOCATIONS AND CONDITIONS)

16" x 16" x 36" CONC. PIER (W/ VENEER) ON 24" x 24" x 12" CONC. FTG.

(2) 1-3/4" CONDUIT FROM ISLAND TO WALL BEHIND REF.

**FRONT PORCH ELEVATIONS-B&C**

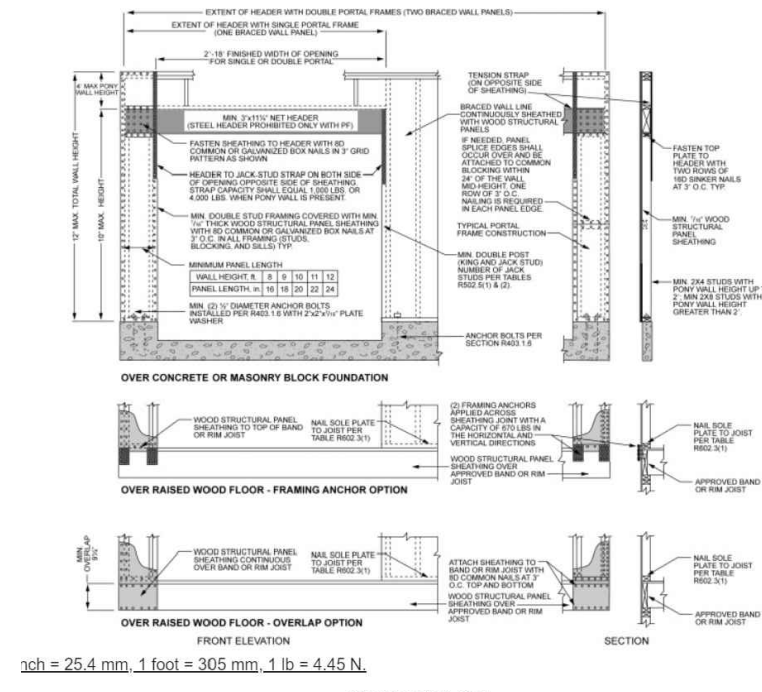
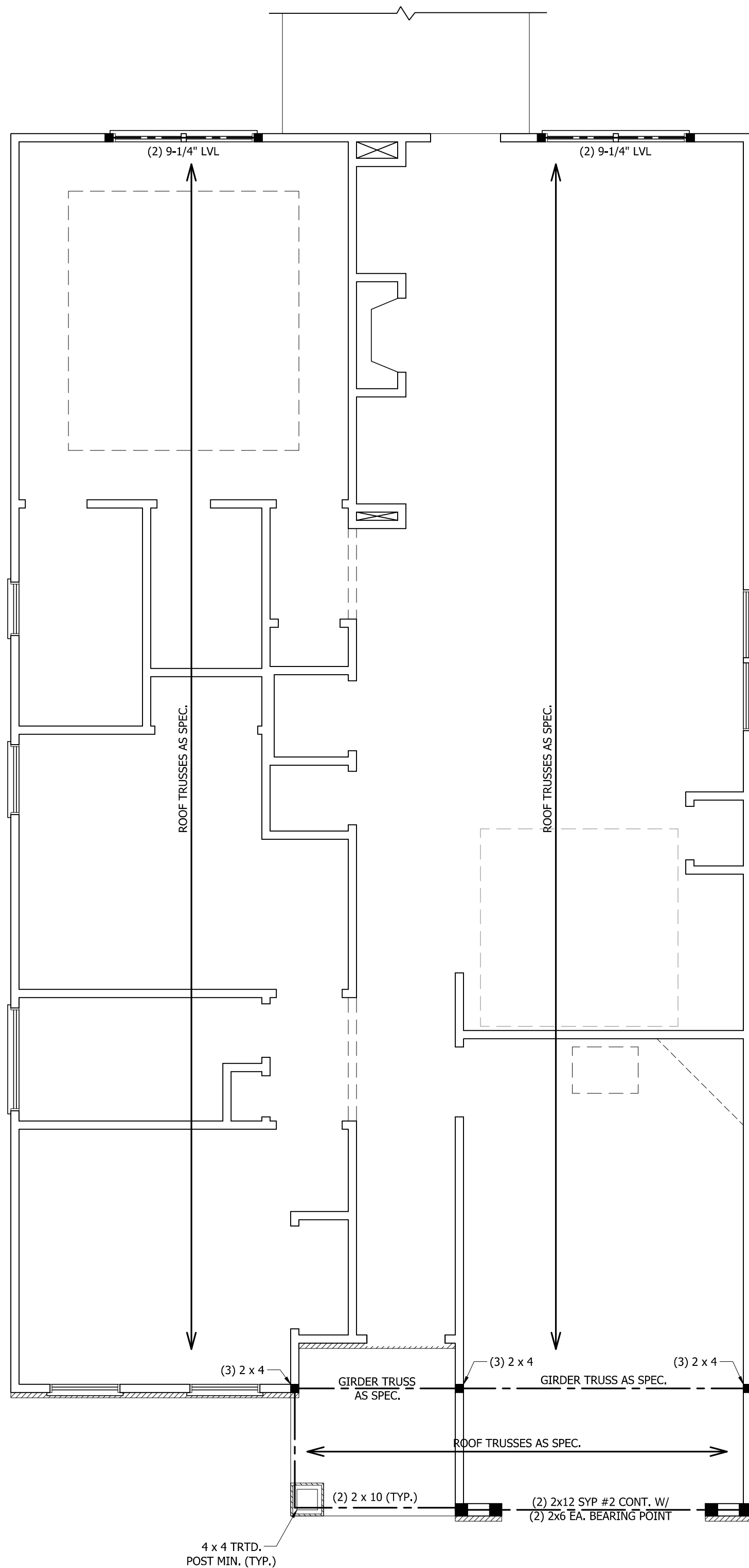
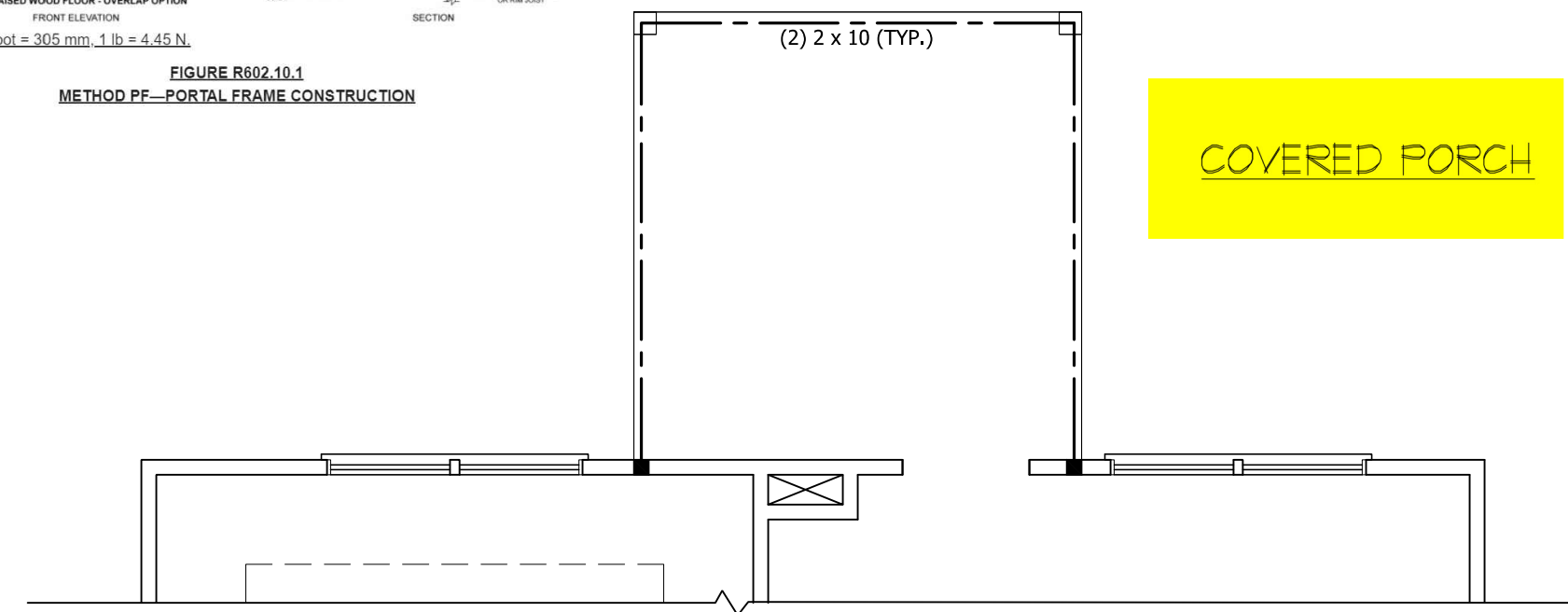


FIGURE R602.10.1  
METHOD PF—PORTAL FRAME CONSTRUCTION

# STANDARD FIRST FLOOR PLAN



### STRUCTURAL NOTES:

1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO).
2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
3. INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
4. WINDOW AND DOOR HEADERS TO BE SUPPORTED W/ (1) JACK STUD AND (1) KING STUD EA. END (UNO). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO).
6. ALL 4 X 4 POSTS SHALL BE ANCHORED TO SLABS W/ SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 X 6 POSTS W/ ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 X 4 AND 6 X 6 POSTS TO BE INSTALLED WITH 700 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO).
7. FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB W/ (2) METAL ANGLES USING 2\"/>

### BRACE WALL PANEL NOTES:

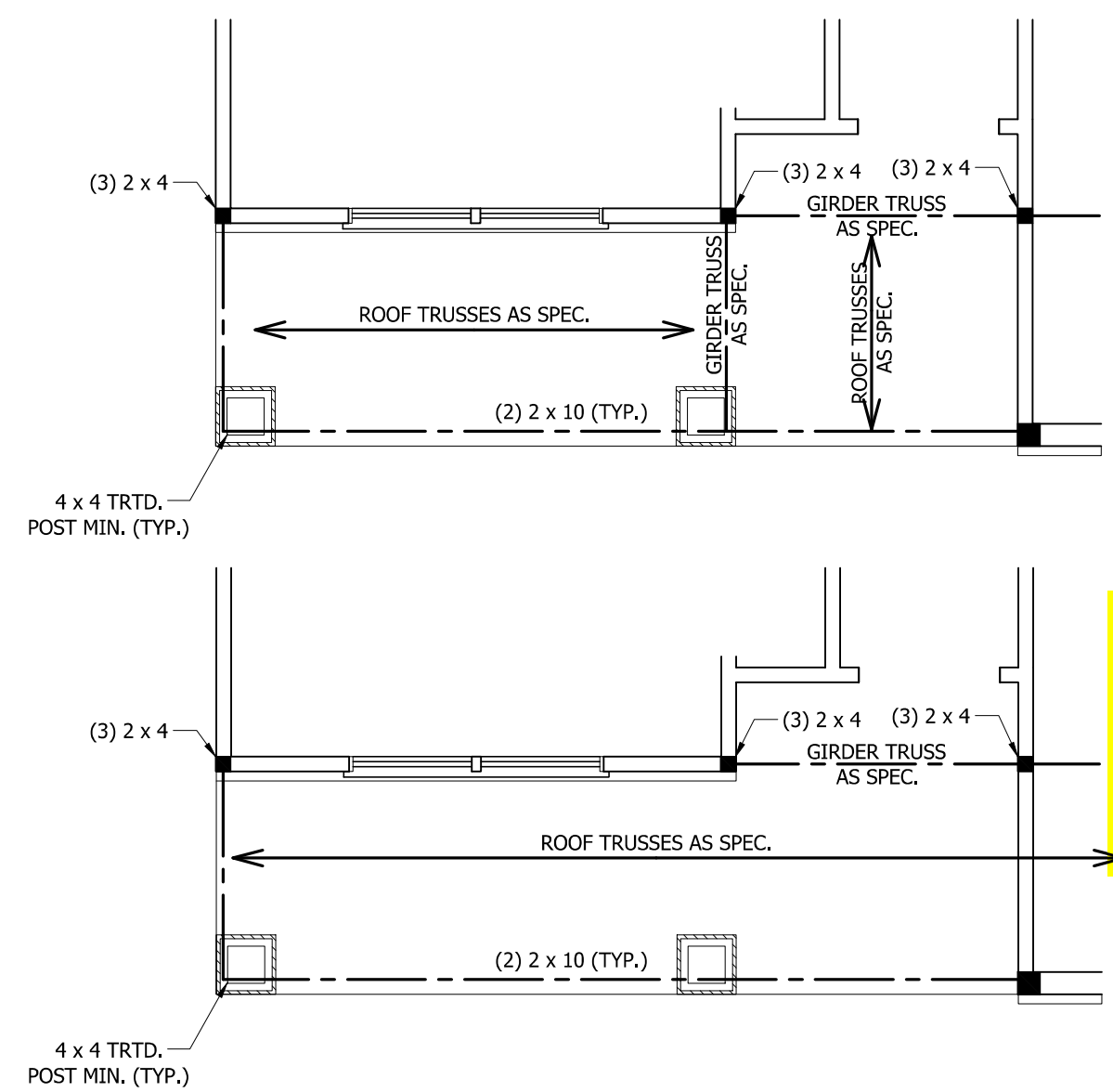
**EXTERIOR WALLS:** ALL EXTERIOR WALLS TO BE SHEATHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

**REQUIRED LENGTH OF BRACING:** REQUIRED BRACE WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.10.3. METHODS CS-WSP AND CS-SFB CONTRIBUTE THEIR ACTUAL LENGTH. METHOD GB CONTRIBUTES 0.5 ITS ACTUAL LENGTH. METHOD PF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH.

**GYPSUM:** ALL INTERIOR SIDES OF EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2\"/>

**HD:** 900 LBS HOLD DOWN DEVICE FASTENED TO THE EDGE OF THE BRACE WALL PANEL NEAREST TO THE CORNER

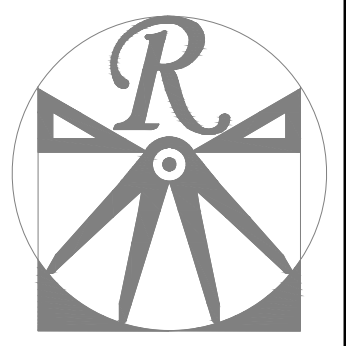
**METHODS:** PER TABLE R602.10.1



~~FRONT PORCH AND BEDROOM #2 WINDOW ELEVATION B~~

FRONT PORCH AND BEDROOM #2 WINDOW ELEVATION C

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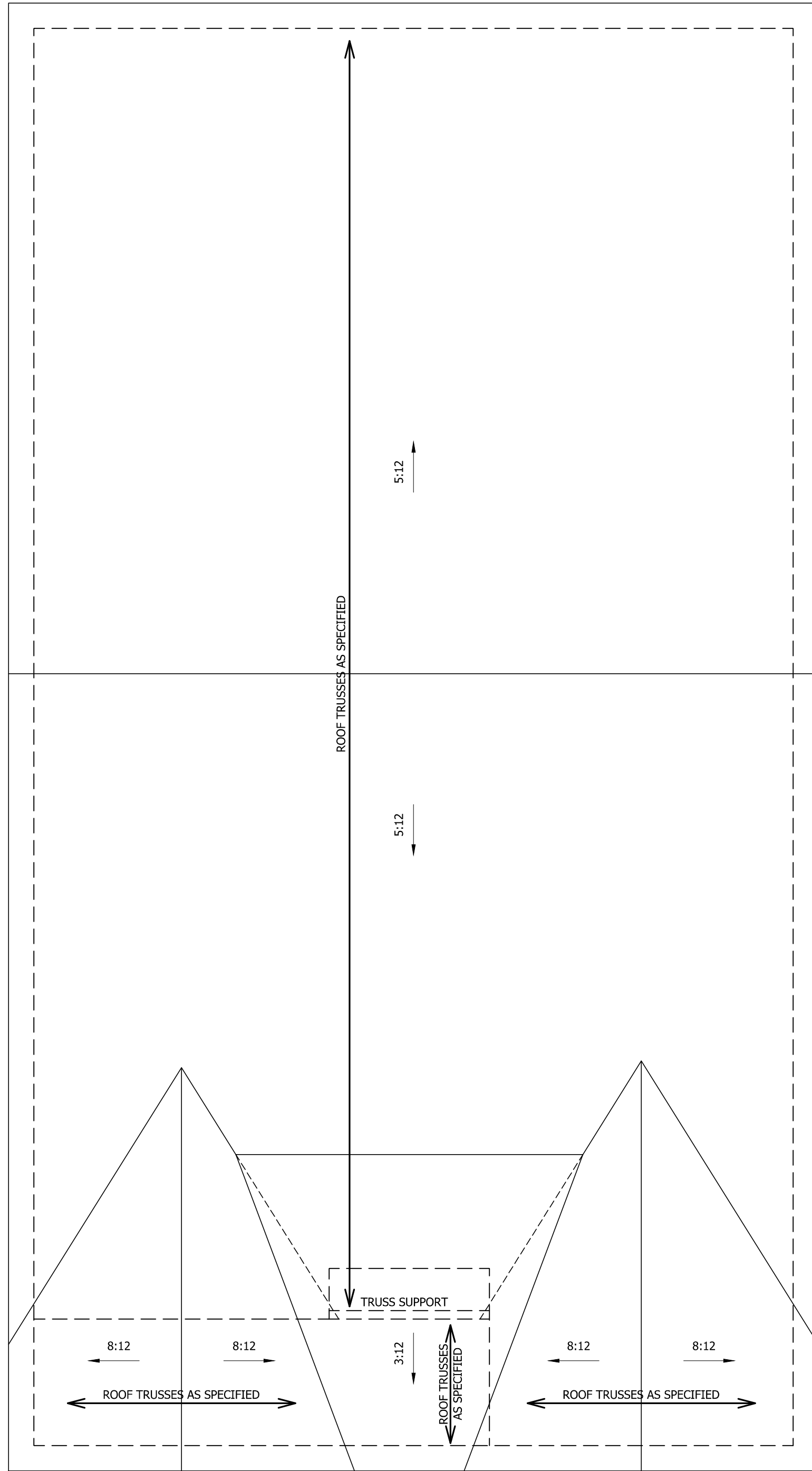
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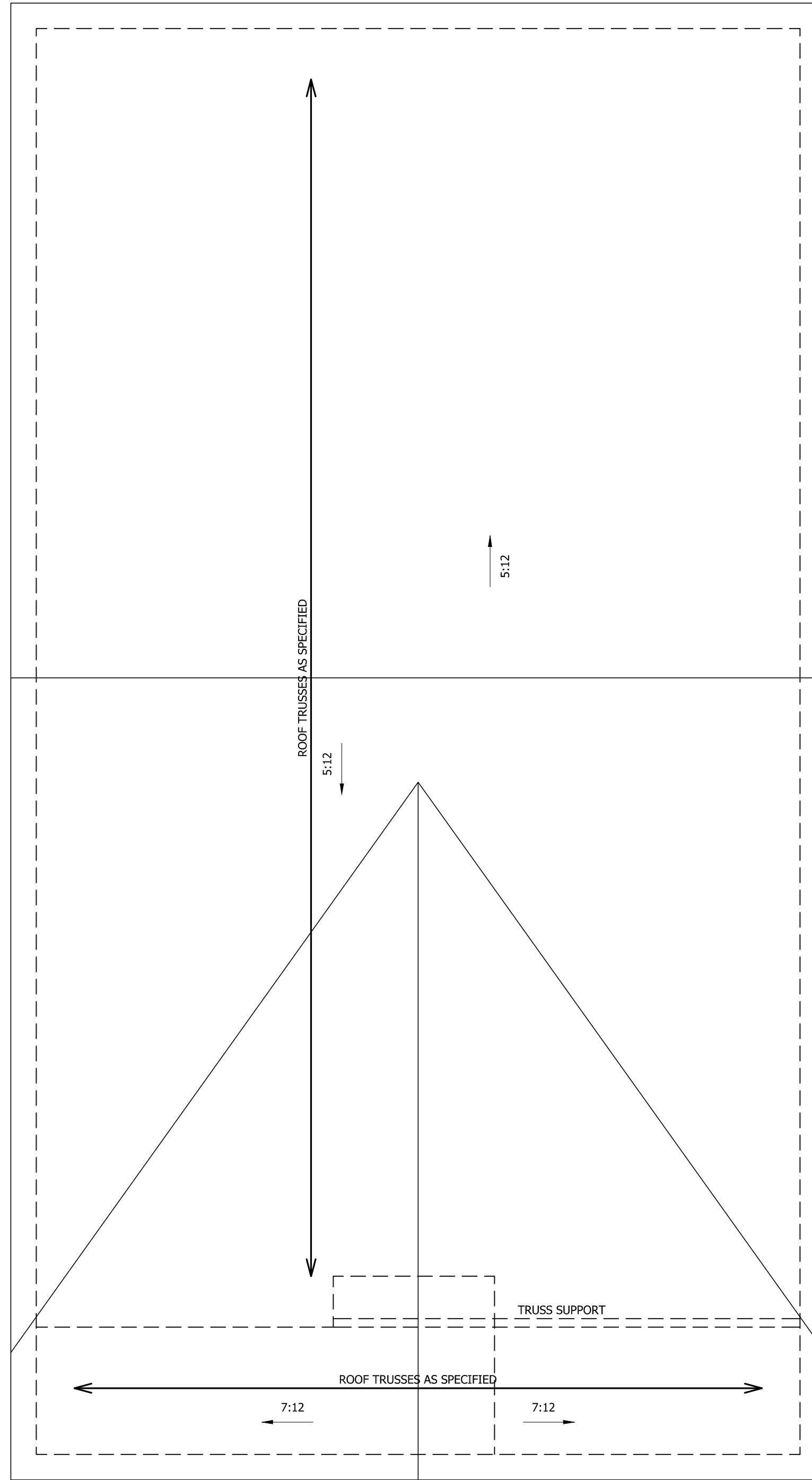
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DATE: AUGUST 31, 2021  
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DRAWN BY: WG  
ENGINEERED BY:  
REVIEWED BY:

STANDARD SF FRAMING PLAN  
**S-4**



ELEVATION B



ELEVATION C

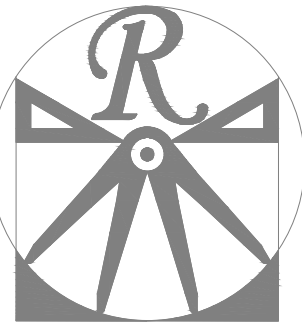
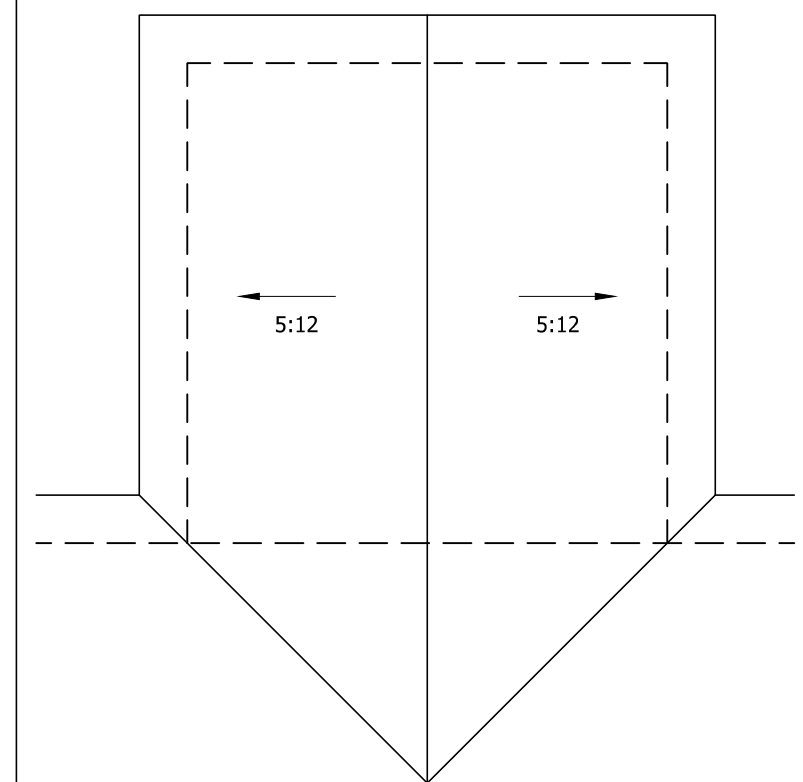
**ATTIC VENT CALCULATION:**

1824 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 12.2 SQ. FT. OF NET FREE VENTILATING AREA (MIN.).

**STRUCTURAL NOTES:**

1. ALL FRAMING LUMBER TO BE #2 SPF (UNO).
2. HIP SPLICES ARE TO BE SPACED A MIN. OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 12d NAILS @ 16" O.C. (TYP.)
3. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
4. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER IS TO BE FASTENED TO THE FLAT VALLEY WITH A MIN. OF (6) 12d TOE NAILS.
5. REFER TO SECTION R802.11 OF THE 2018 NRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.

**COVERED PORCH**



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**WEAVER HOMES**  
**CAROLINA COLLECTION**  
**LEYLAND-II**

DATE: AUGUST 31, 2021

REV.:

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

DRAWN BY: WG

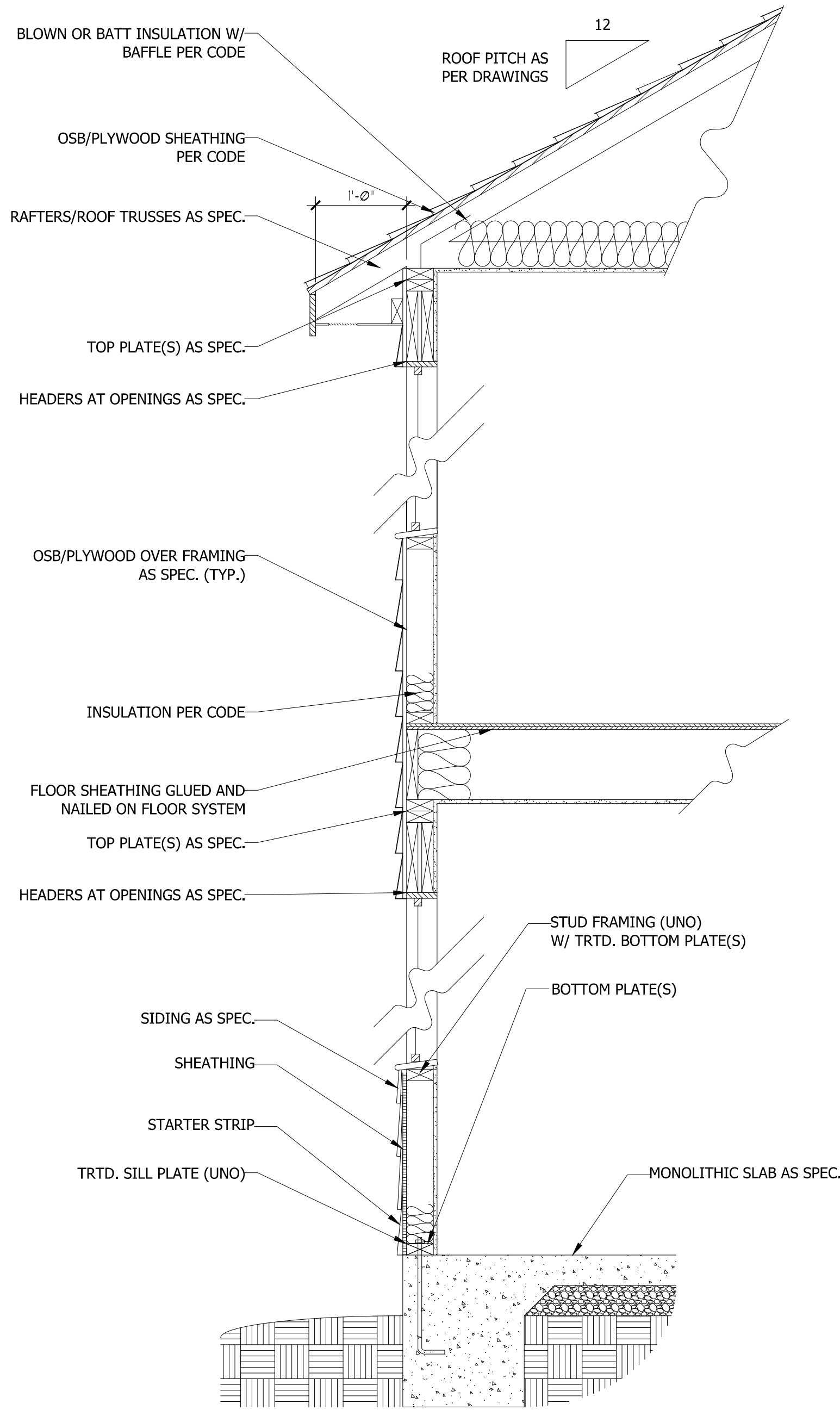
ENGINEERED BY:

REVIEWED BY:

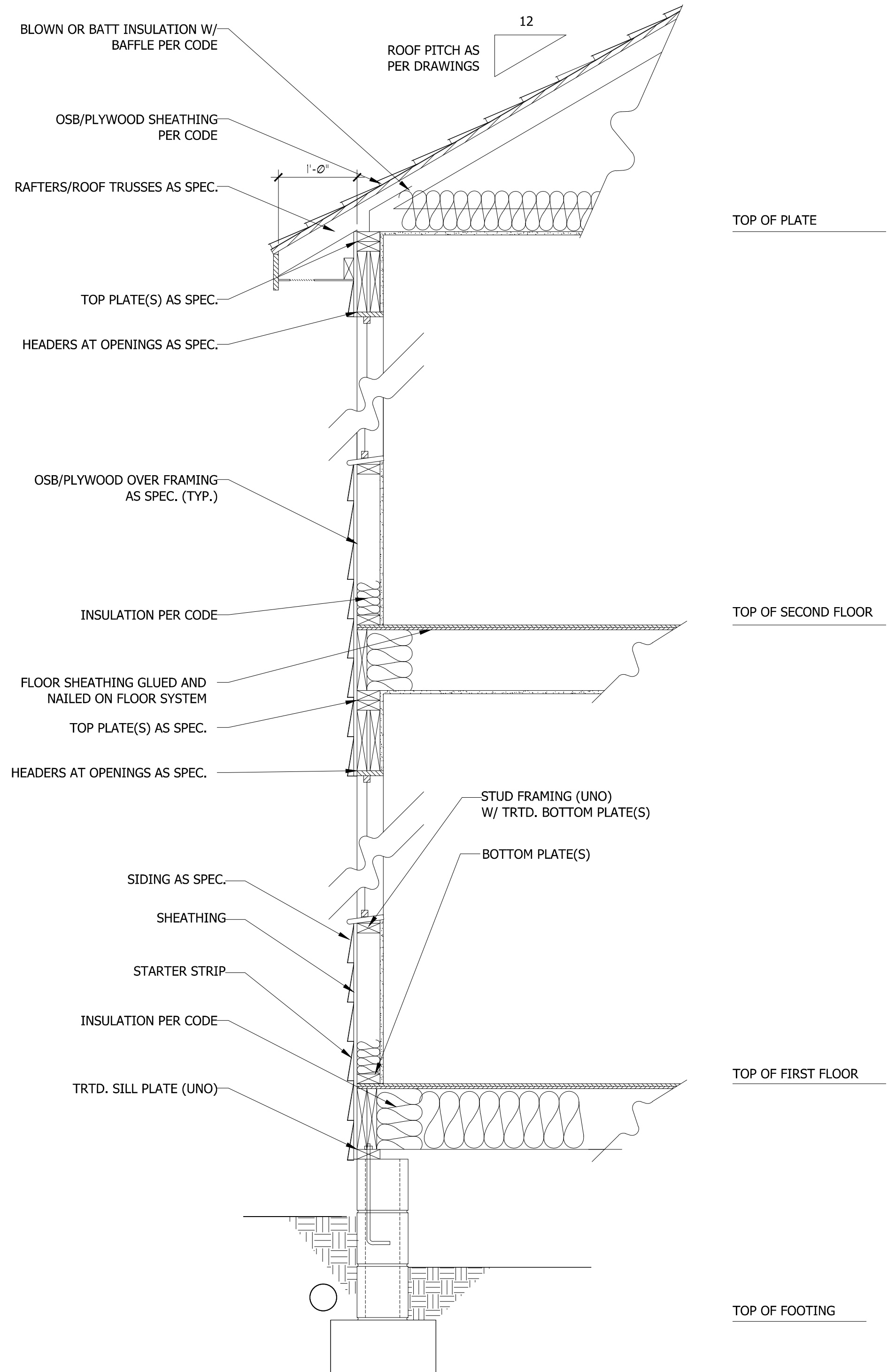
ROOF PLANS  
ELEVATIONS B&C

**S-5.1**

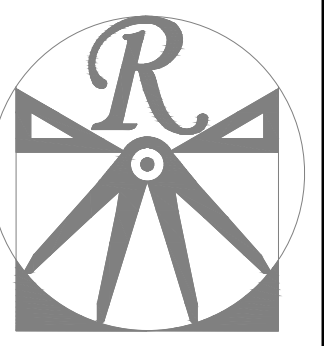
SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.  
**11x17 PRINTS ARE NOT TO SCALE**



**WALL SECTION W/ SLAB  
W/ STD. SIDING SHOWN (NTS)**



**WALL SECTION W/ CRAWL SPACE  
W/ STD. SIDING SHOWN (NTS)**



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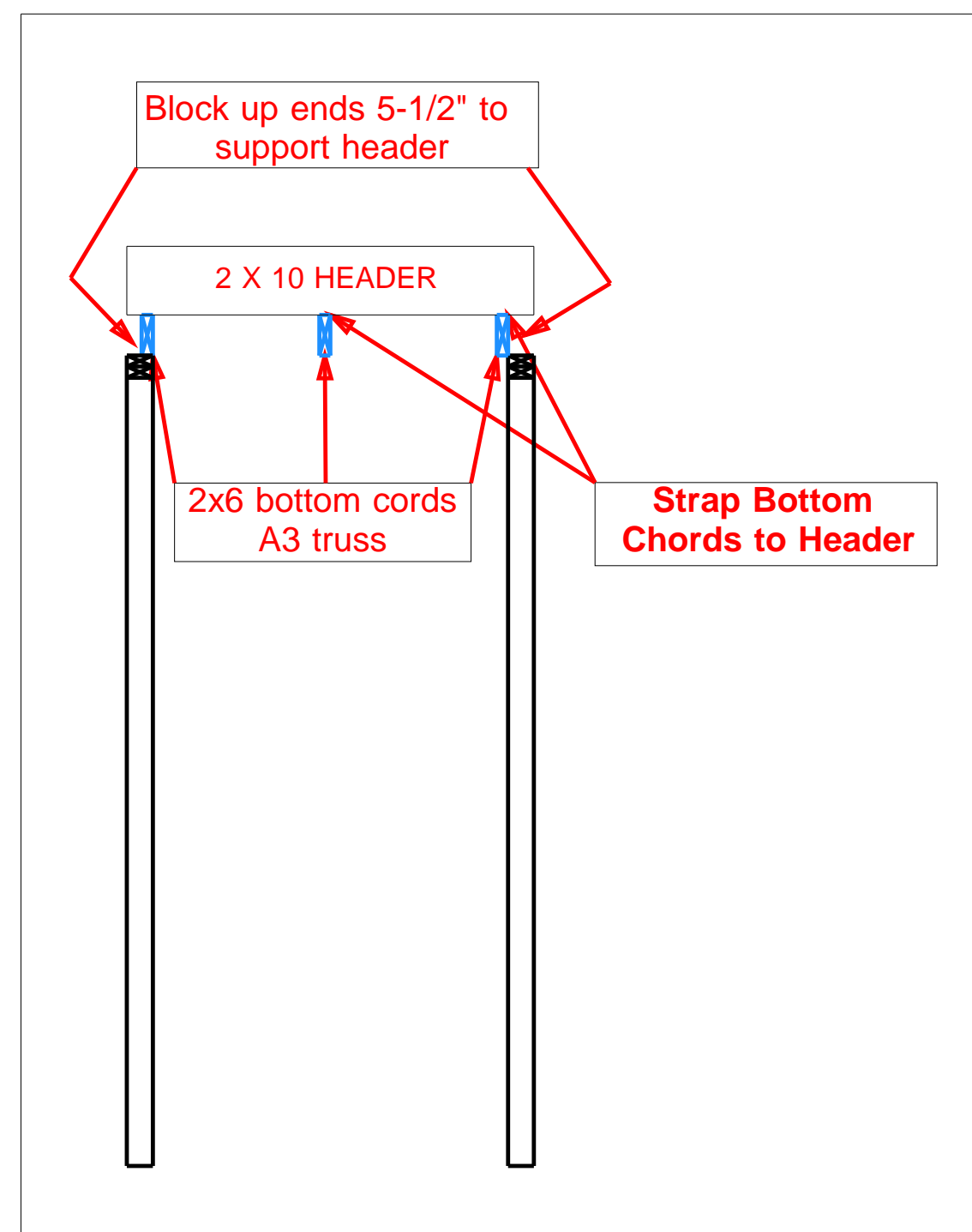
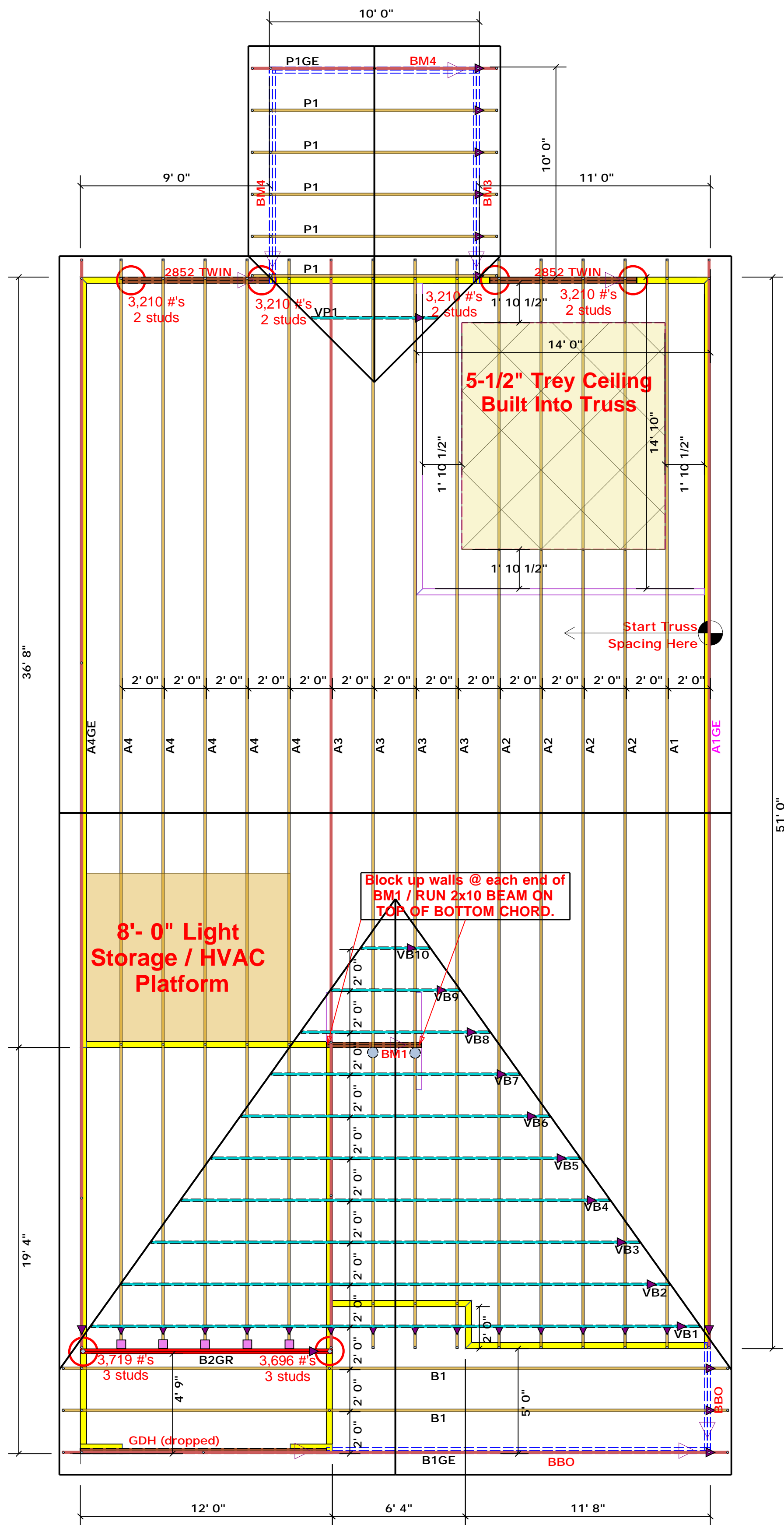
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DATE: AUGUST 31, 2021  
REV.:  
SCALE: 1/4" = 1'-0"  
DRAWN BY: WG  
ENGINEERED BY:  
REVIEWED BY:

TYPICAL WALL SECTIONS  
**D-1**



**Truss Placement Plan**  
**SCALE: 1/4" = 1'-0"**

▲ = Denotes Left End of Truss  
 (Reference Engineered Truss Drawing)

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	2218.22
Roof Decking	1st Floor	Roof Decking	76

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
2852 TWIN	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	4	FF
GDH (dropped)	12' 0"	2x12 SPF No.2	2	2	FF

■	HUS28	USP	5	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	2	Varies	10d/3"

LOAD CHART FOR JACK STUDS			
IR #	IR #	IR #	IR #
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		

BUILDER	Weaver Homes	CITY / CO.	Harnett
JOB NAME	Lot 4 West Park	ADDRESS	Lot 4 West Park
PLAN	LEYLAND " C "	MODEL	ROOF
SEAL DATE	Seal Date	DATE REV.	/ /
QUOTE #		DRAWN BY	Lenny Norris
JOB #	J0821-5269	SALES REP.	Lenny Norris

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSH-B1 and BCSH-B3 provided with the truss delivery package or online @ sbcindustry.com

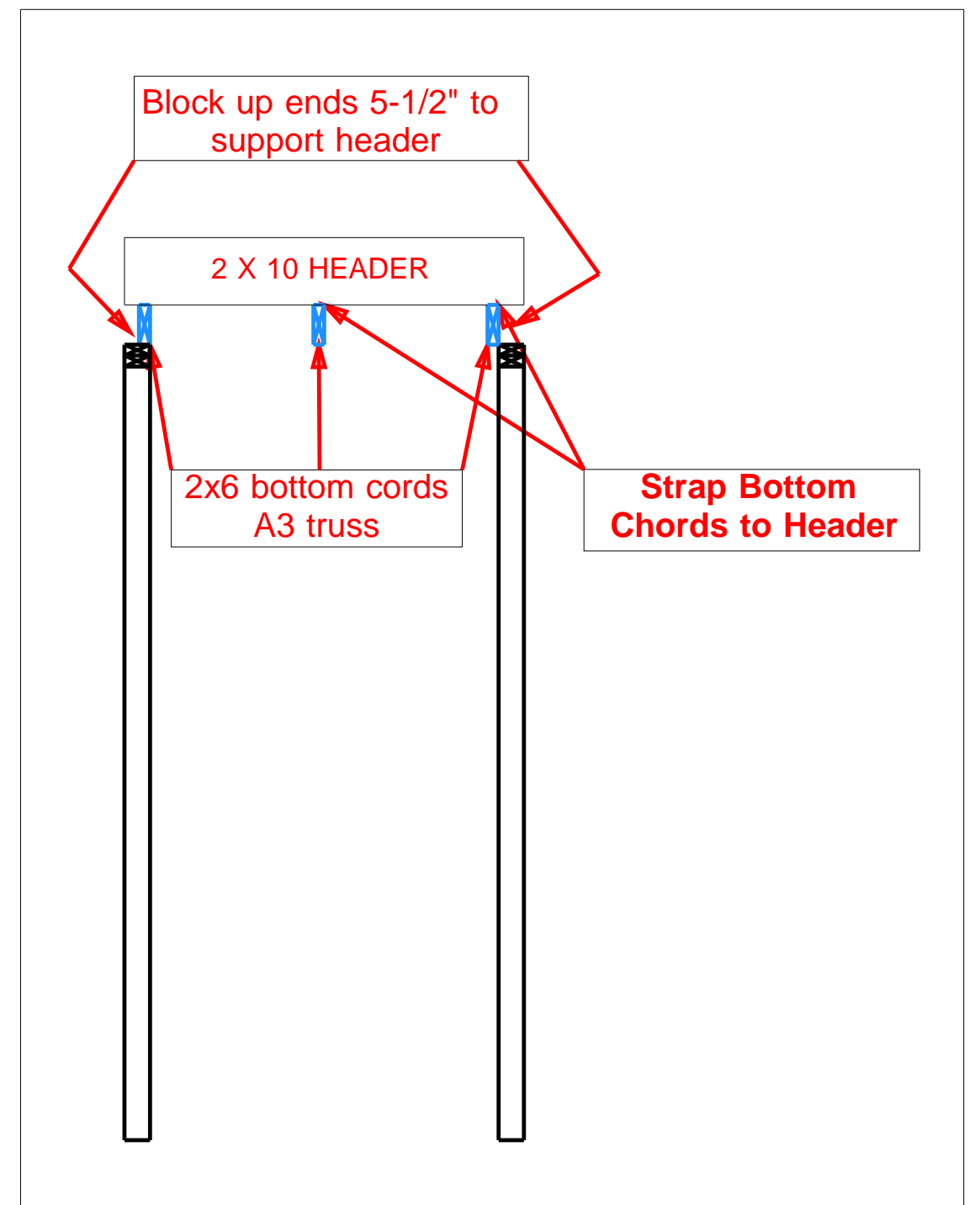
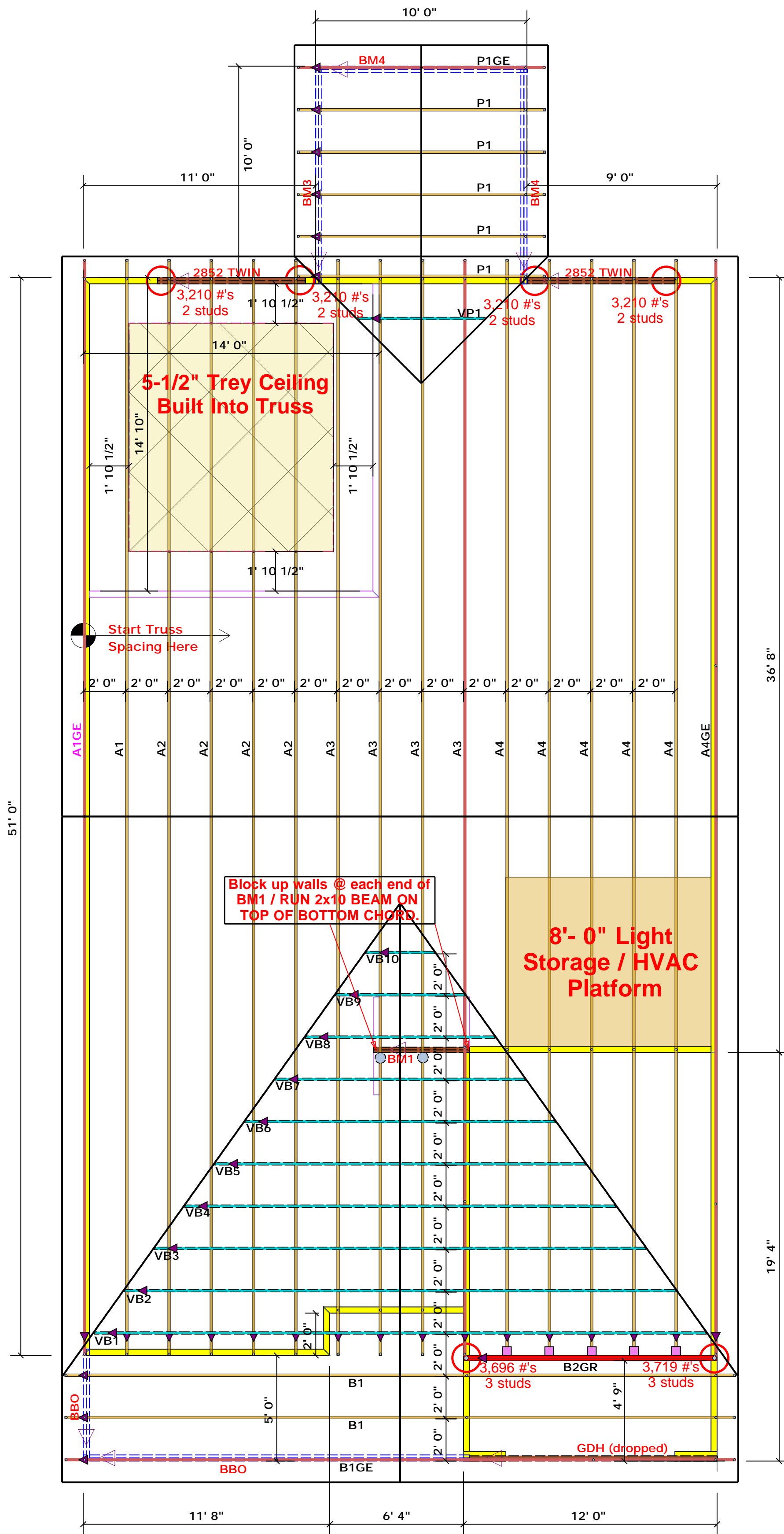
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Lenny Norris

**ROOF & FLOOR TRUSSES & BEAMS**

Reilly Road Industrial Park  
 Fayetteville, N.C. 28309  
 Phone: (910) 864-8787  
 Fax: (910) 864-4444





**Truss Placement Plan**  
**SCALE: 1/4" = 1'-0"**

▲ = Denotes Left End of Truss  
 (Reference Engineered Truss Drawing)

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GDH (dropped)	12' 0"	2x12 SPF No.2	2	2	FF

LOAD CHART FOR JACK STUDS			
REACTION (UP TO 1000 LBS)	SPACING	NO. OF JACKS	NO. OF STUDS
1700	1	2560	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		

BUILDER	Weaver Homes	CITY / CO.	Harnett
JOB NAME	Lot 4 West Park	ADDRESS	Lot 4 West Park
PLAN	LEYLAND " C "	MODEL	ROOF
SEAL DATE	Seal Date	DATE REV.	/ /
QUOTE #		DRAWN BY	Lenny Norris
JOB #	J0821-5269	SALES REP.	Lenny Norris

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Signature: Lenny Norris  
 Lenny Norris

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