

BUILDER SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT TIME OF CONSTRUCTION.

ALL CONSTRUCTION SHALL CONFORM TO THE 2018 EDITION OF THE NC STATE BUILDING CODE.

CODES GOVERN OVER DRAWINGS.
DIMENSIONS GOVERN OVER SCALE.



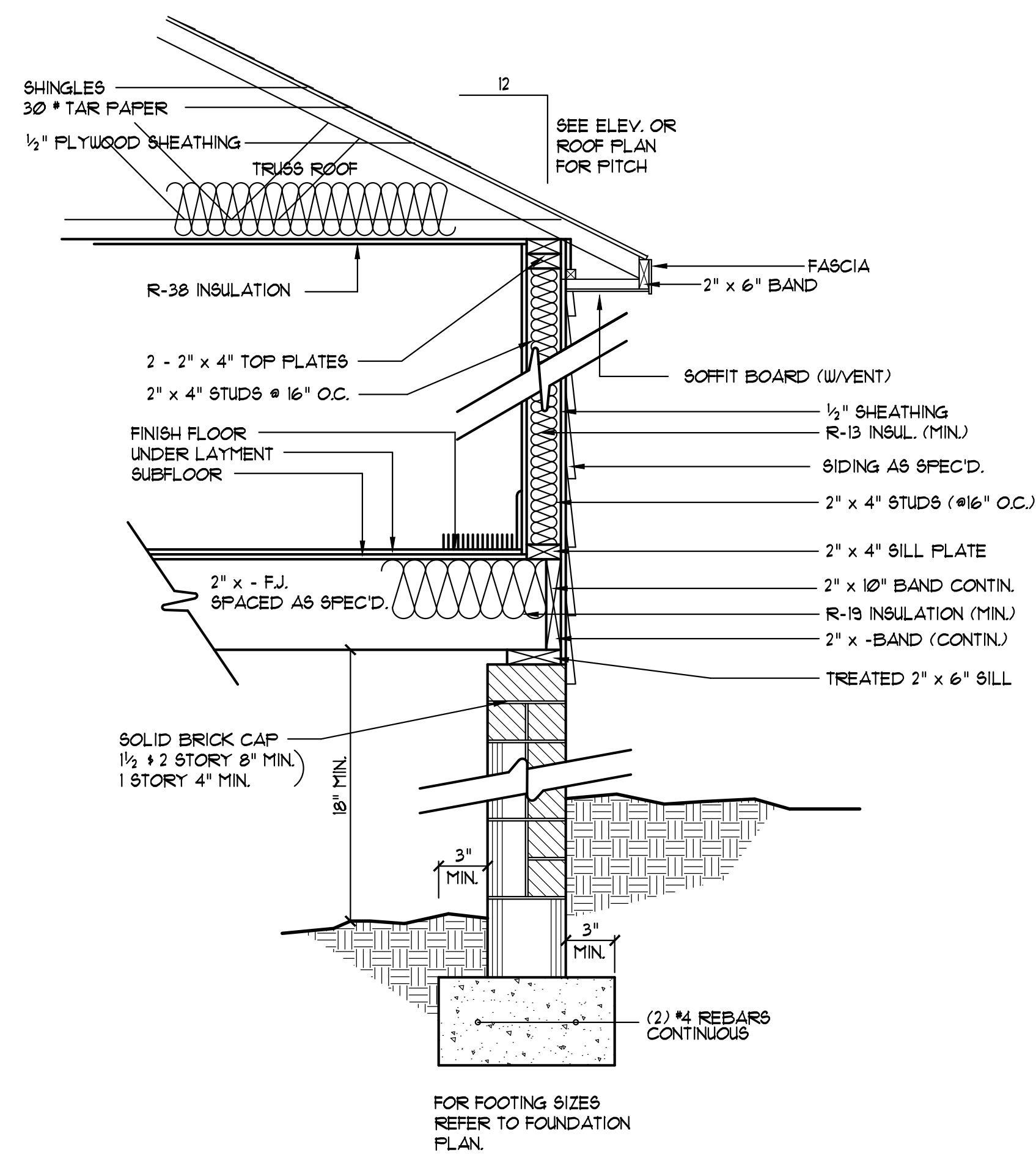
VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

YUNCANNON DESIGNS DOES NOT ASSUME LIABILITY FOR ANY DEVIATION OF OR CONSTRUCTION METHODS OF THESE PLANS.

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

04/22/2024

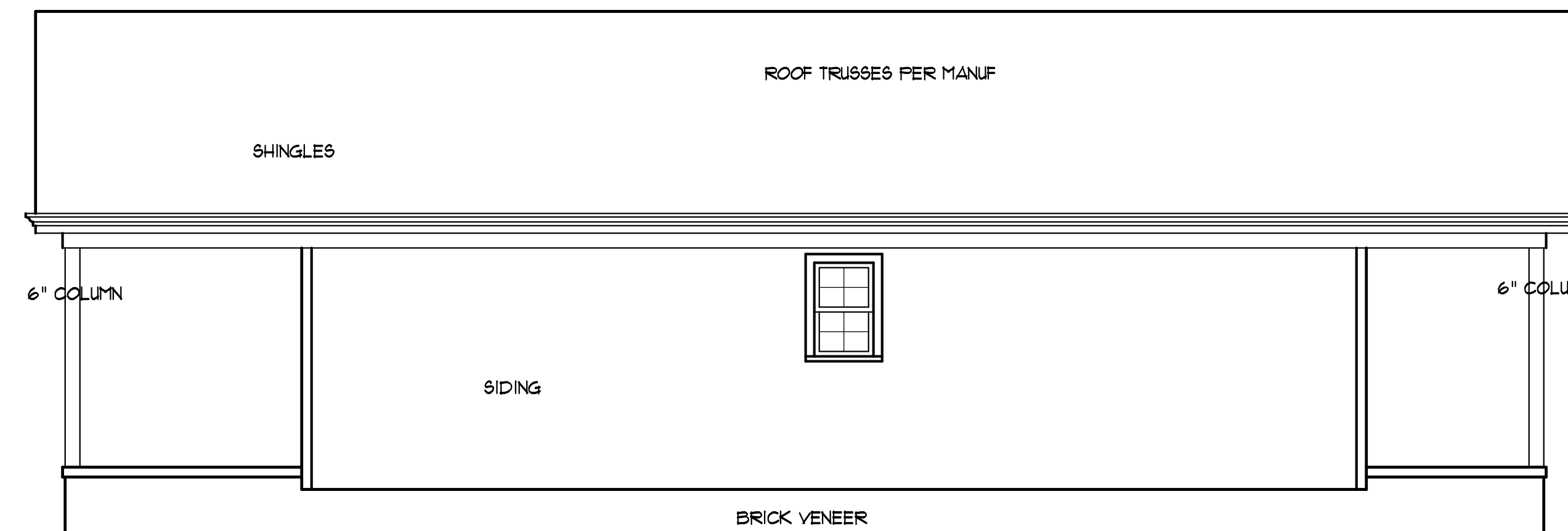




EXTERIOR WALL SECTION
SCALE: NT5

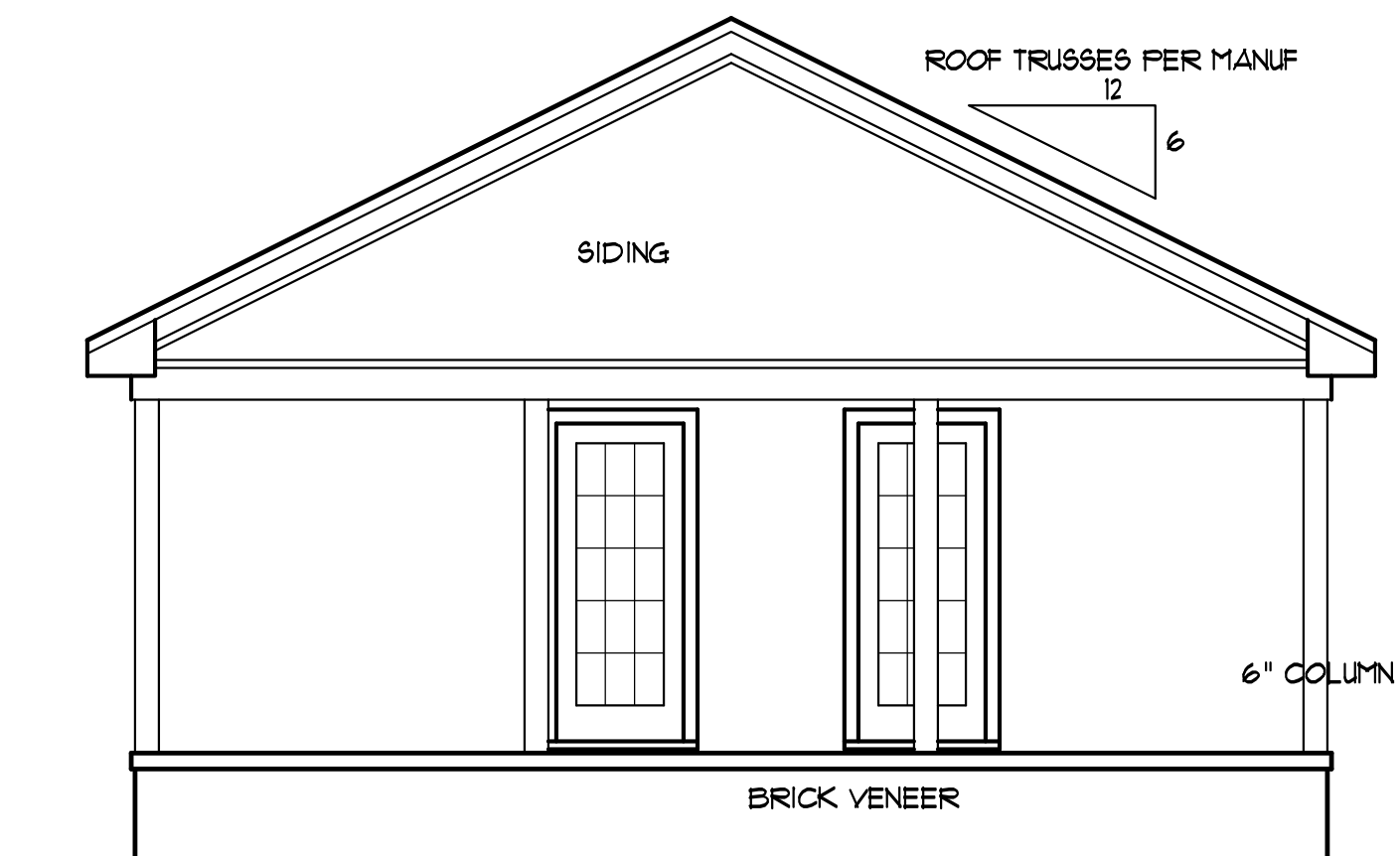
ATTIC SPACE VENTILATION

MAIN ROOF
ATTIC AREA = 1250 SQ. FT.
REQUIRED AREA = 1/300 = 411 SQ. FT.

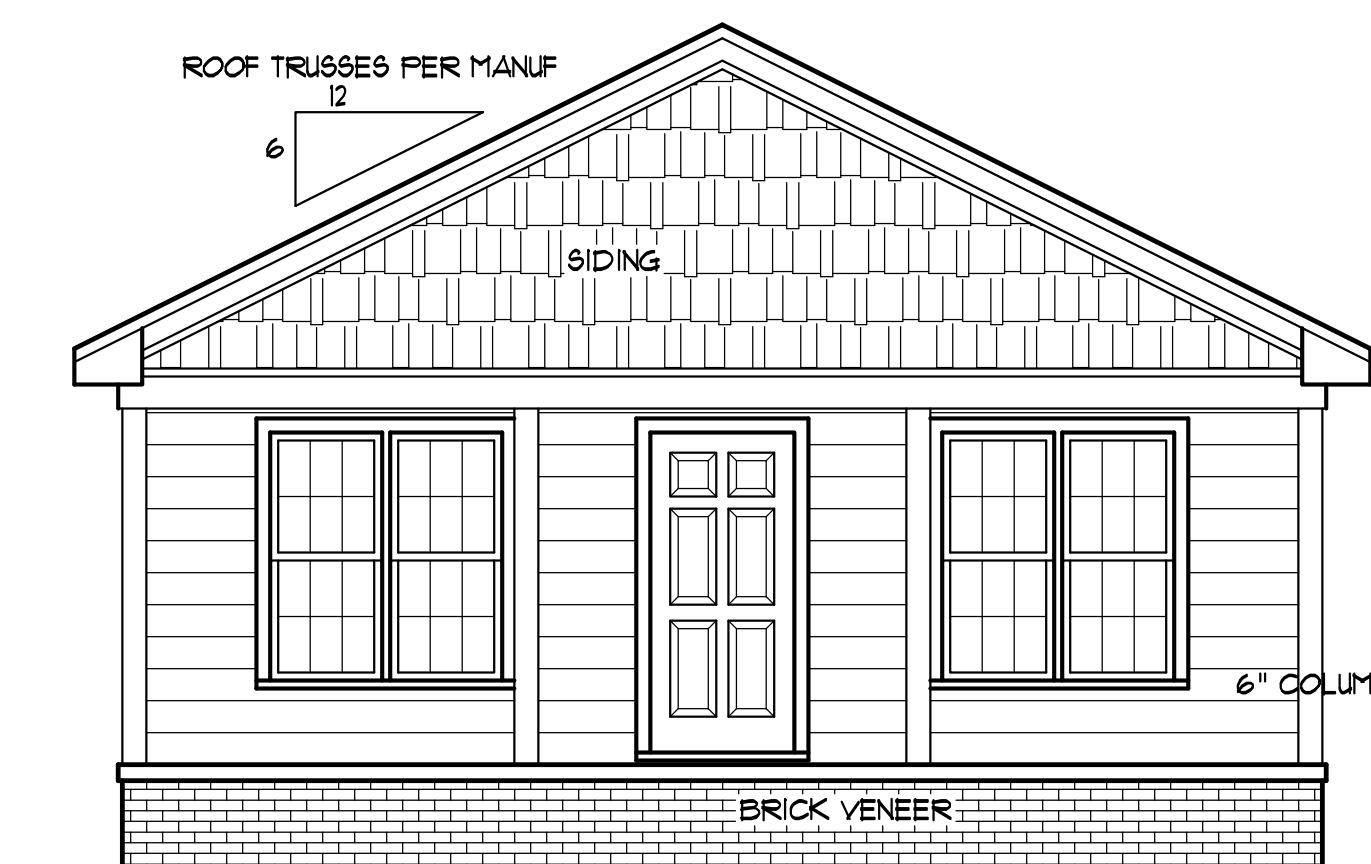
NOTE:
ALL EAVES TO HAVE 2" CONTINUOUS SOFFIT VENT
ALLOW 1" AIR SPACE ABOVE INSULATION FOR AIR FLOW



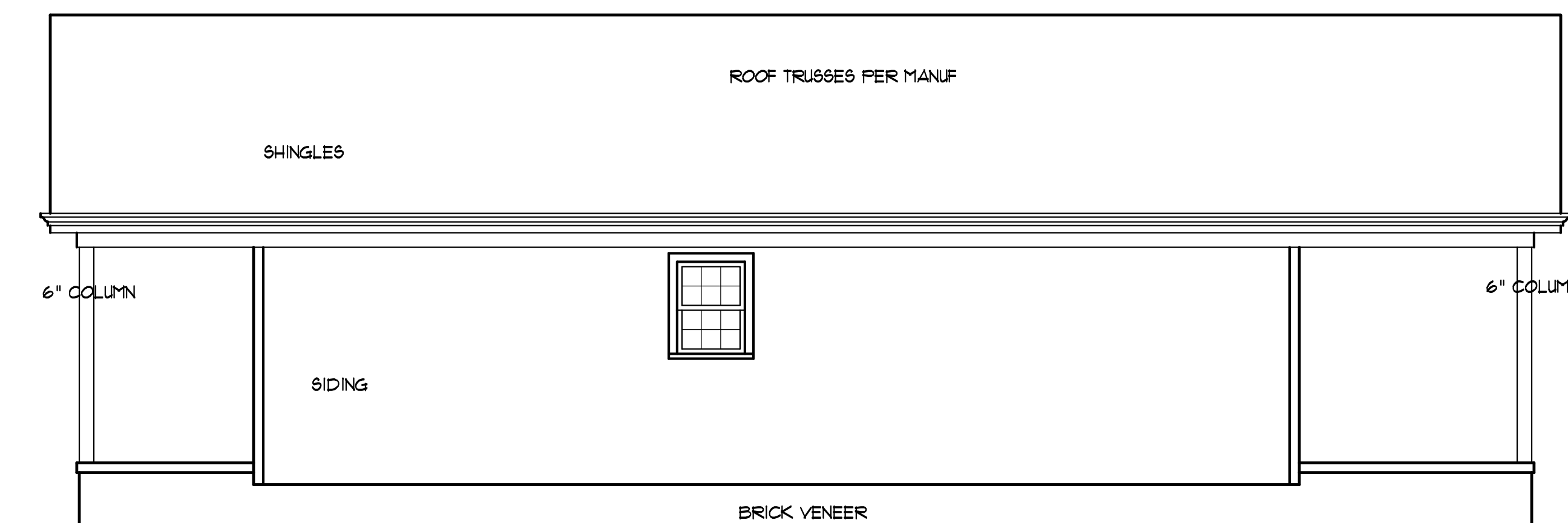
LEFT SIDE
SCALE: 1/4" = 1'-0"



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



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



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

Marty Hamilton
On Rock Lane
Lillington, NC

YUNCANNON DESIGNS
CUSTOM HOME PLANS
FISQUAT-VARINA, NC • (919) 421-1314

DRAWN BY: WRY
CHKD BY: WRY
DATE: 03/18/24
REVISIONS:

SHEET
A-1

Plan No. 900-10

BUILDER SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT TIME OF CONSTRUCTION.

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VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

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GENERAL FOUNDATION NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH NC RESIDENTIAL CODE, 2018 EDITION.
2. EXTERIOR WALL FOOTING WHERE NOTED TO BE 16" X 10" 3000 PSI STRUCTURAL CONCRETE UNLESS OTHERWISE NOTED. CONCRETE TO BE PREPARED AND PLACED IN ACCORDANCE WITH ACI 318. FOR FOUNDATION WALL HEIGHT, THICKNESS AND BACKFILL REQUIREMENTS, REFER TO STATE AND LOCAL BUILDING CODES. NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF. CONTRACTOR MUST VERIFY CONDITIONS AND CONTACT SOIL ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.
3. FOOTINGS TO BEAR ON UNDISTURBED EARTH A MIN. OF 12" BELOW ADJACENT FINISH GRADE OR AS OTHERWISE DIRECTED BY LOCAL INSPECTOR.
4. FOUNDATION DRAINAGE SHALL BE IN ACCORDANCE WITH SECTION R405 OF THE CODE 'FOUNDATION DRAINAGE'.
5. THE FOUNDATION SHALL BE TREATED IN ACCORDANCE W/SECTION R406 OF THE CODE 'FOUNDATION WATERPROOFING AND DAMPPROOFING'.
6. THIS FOUNDATION DESIGN IS VALID FOR 15 MPH WIND ZONES ONLY.
7. FOUNDATION WALLS SHALL BE 8" BLOCK UNLESS NOTED OTHERWISE.
8. (2) #4 BARS IN FOOTINGS RUN CONTINUOUSLY.

● INDICATES POINT LOAD ABOVE

CRAWL SPACE VENTILATION

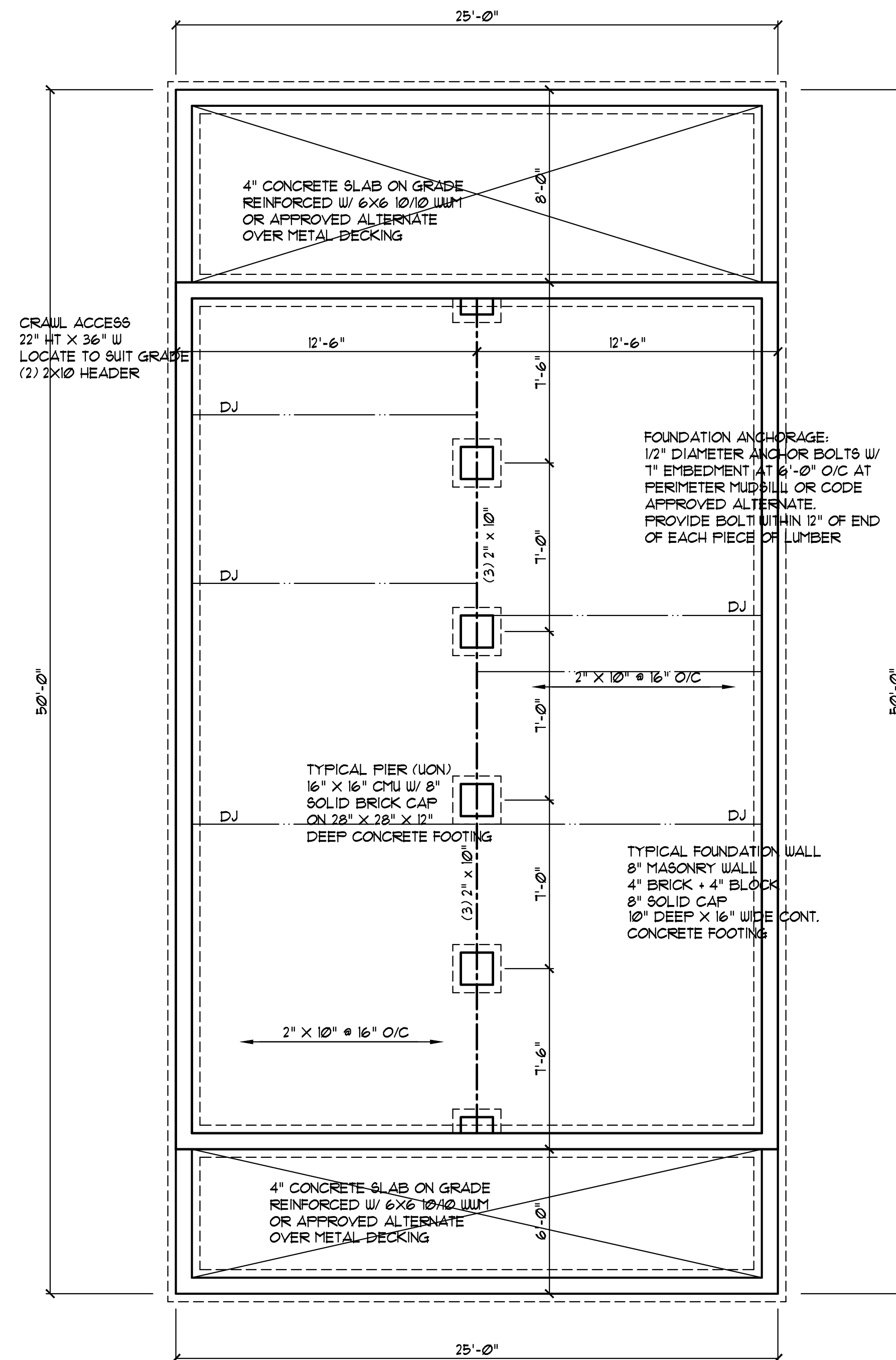
PROVIDE AT LEAST 10 SQ. FT. NET FREE VENTILATION AREA FOR EACH 150 SQ. FT. OF CRAWL SPACE

CRAWL SPACE AREA:
900 / 150 = 6.0 SQ. FT. REQ'D.

REDUCE REQUIRED AREA TO 10 SQ. FT. NET FREE VENTILATION AREA FOR EACH 1500 SQ. FT. OF CRAWL SPACE WITH APPROVED VAPOR BARRIER

PROVIDE (1) VENT WITHIN 3'-0" OF EACH CORNER

REFER TO MANUFACTURER SPECIFICATIONS FOR ACTUAL VENTS USED TO DETERMINE NUMBER OF VENTS REQUIRED



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

GENERAL FRAMING NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH NC RESIDENTIAL CODE, 2018 EDITION.
2. GLAZING AREAS SHOWN ON THESE DESIGN DRAWINGS DO NOT EXCEED 15% OF THE GROSS AREA OF THE EXTERIOR WALLS. THIS STRUCTURE MEETS THE REQUIREMENTS OF N1012.1, RESIDENTIAL BUILDING, TYPE A-1.
3. WALL CLADDING IS DESIGNED FOR A 241 %BF OR GREATER POSITIVE/NEGATIVE PRESSURE.
4. ALL WALLS, FLOORS AND CEILING SHALL BE INSULATED IN ACCORDANCE WITH PART IV, ENERGY CONSERVATION, CHAPTER II, ENERGY EFFICIENCY OF THE CODE FOR ZONE 1 (TABLE N1012).
5. DESIGN CRITERIA

	DEAD	LIVE
PRIMARY FLOOR	10 PSF	40 PSF
SECONDARY FLOOR	10 PSF	40 PSF
SLEEPING AREAS	10 PSF	30 PSF
ATTIC	10 PSF	20 PSF
ROOF	10 PSF	20 PSF
WIND	120 MPH	
6. DEFLECTION LIMITS FLOOR - L/360 (LIVE LOAD ONLY) ROOF - L/240
7. ALL HEADERS IN LOAD BEARING WALLS SHALL BE DOUBLE 2X10.
8. ALL WALLS ARE 2X4 @ 16" O.C. UNLESS OTHERWISE NOTED.
9. FLOOR INSULATION = R-19, EXTERIOR = R-15 AND CEILING = R-38.
10. PROVIDE DOUBLE FLOOR JOISTS OR TRUSSES UNDER WALLS ABOVE.

R602.15 SUPPORTS FOR HEADERS:

HEADERS SHALL BE SUPPORTED ON EACH END WITH ONE OR MORE JACK STUDS OR WITH APPROVED FRAMING ANCHORS IN ACCORDANCE WITH TABLE R602.1(1) OR R602.1(2). THE FULL-HEIGHT STUD ADJACENT TO EACH END OF THE HEADER SHALL BE END NAILED TO EACH END OF THE HEADER WITH FOUR-16D NAILS (3.5 INCHES X 0.135 INCHES). THE MINIMUM NUMBER OF FULL-HEIGHT STUDS AT EACH END OF A HEADER SHALL BE IN ACCORDANCE WITH TABLE R602.1.5.

TABLE R602.1.5

MINIMUM NUMBER OF FULL-HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

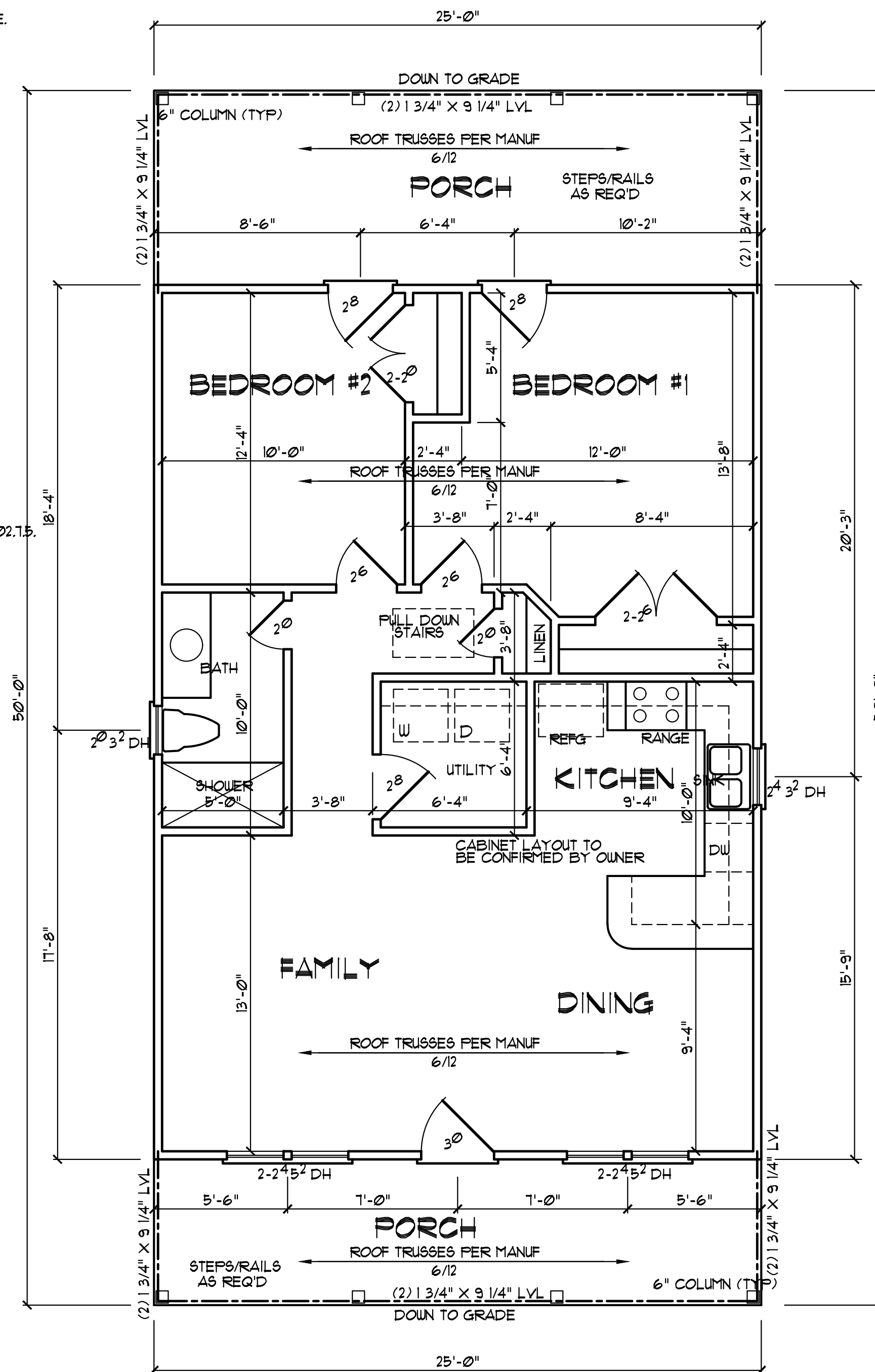
HEADER SPAN	MAXIMUM STUD SPACING (INCHES) PER TABLE R602.3(5)	
	16	24
LESS THAN/EQUAL TO 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

BRACED WALL NOTES:

1. BRACED WALLS ARE REQUIRED PER SECTION R602.10.1 2018 NCBC RESIDENTIAL CODE.
2. THE EXTERIOR WALL STRUCTURE SHALL BE CONTINUOUSLY SHEATHED, FULL HEIGHT WITH MIN. THICKNESS 1/16" OSB. THESE WALLS SHALL BE CONSTRUCTED IN CONFORMANCE TO TYPE CS-WBF DETAILS.
3. BASIS OF DESIGN FOR INTERIOR BRACE WALLS IS GYPSUM BOARD METHOD AS DETAILED PER CODE TABLE R602.10.2.
4. SPECIAL BRACING DETAILS ARE ILLUSTRATED IN THE CODE AND ALLOWED WHERE WALLS DO NOT MEET THE MINIMUM REQUIREMENTS FOR SUPPORT. REFER TO GARAGE OPENING, PORTAL FRAMING DETAILS.

NOTE

- 1) 5'-0" CEILING HEIGHT
- 2) FRAME WINDOWS AT 6'-8" ABOVE FINISHED FLOOR
- 3) DOUBLE ALL JOISTS PARALLEL TO WALLS ABOVE.
- 4) USE TEMPERED GLASS AT TUB & SHOWER AREAS & 4TH LAYER LESS THAN 8' ABOVE FINISHED FLOOR WITH MORE THAN 5.50 FT. OF GLASS AND WITHIN 7' OF SLIDING DOORS.
- 5) USE 2X10'S AS HEADERS (MIN) ON STRUCTURAL SHEETS
- 6) ATTIC ACCESS 22"X30" MINIMUM
- 7) BOLLS AND PLATES TO BE 8" OR MORE ABOVE GRADE OR BE TREATED MATERIAL.
- 8) SIDING TO BE MINIMUM 6" ABOVE GRADE.
- 9) DOOR FROM GARAGE TO HOUSE TO BE 30 MINUTE FIRE RATED. ADD 1/2" SHEETROCK ON ALL WALLS & CEILING COPPER TO GARAGE & HEATED SPACE.
- 10) MINIMUM 8" SIDE CLEARANCE FROM CENTER LINE OF WATER CLOSET.
- 11) PROVIDE TREATED BAND AT CONCRETE SLAB.



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

HEATED AREA: 900 SQ. FT.
FRONT PORCH AREA: 150 SQ. FT.
REAR PORCH AREA: 200 SQ. FT.

VERIFY ALL WINDOW SIZES MEET MINIMUM STANDARDS FOR LIGHT, VENTILATION AND EGRESS.

Plan No. 900-10

Marty Hamilton
On Rock Lane
Lillington, NC

YUNCANNON DESIGNS
CUSTOM HOME PLANS
FISQUAT-VARINA, NC • (919) 421-1314

DRAWN BY: WRY
CHK'D BY: WRY
DATE: 03/18/24
REVISIONS:

SHEET
A-2

Design based on plans and/or revisions dated :
3/18/2024
 Plans and/or revisions received on :
3/21/2024

**THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.
 PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS,
 SUCH AS PLUMBING OR DUCT DROPS.**

**PROPOSED DESIGN-
 NOT FOR
 CONSTRUCTION**

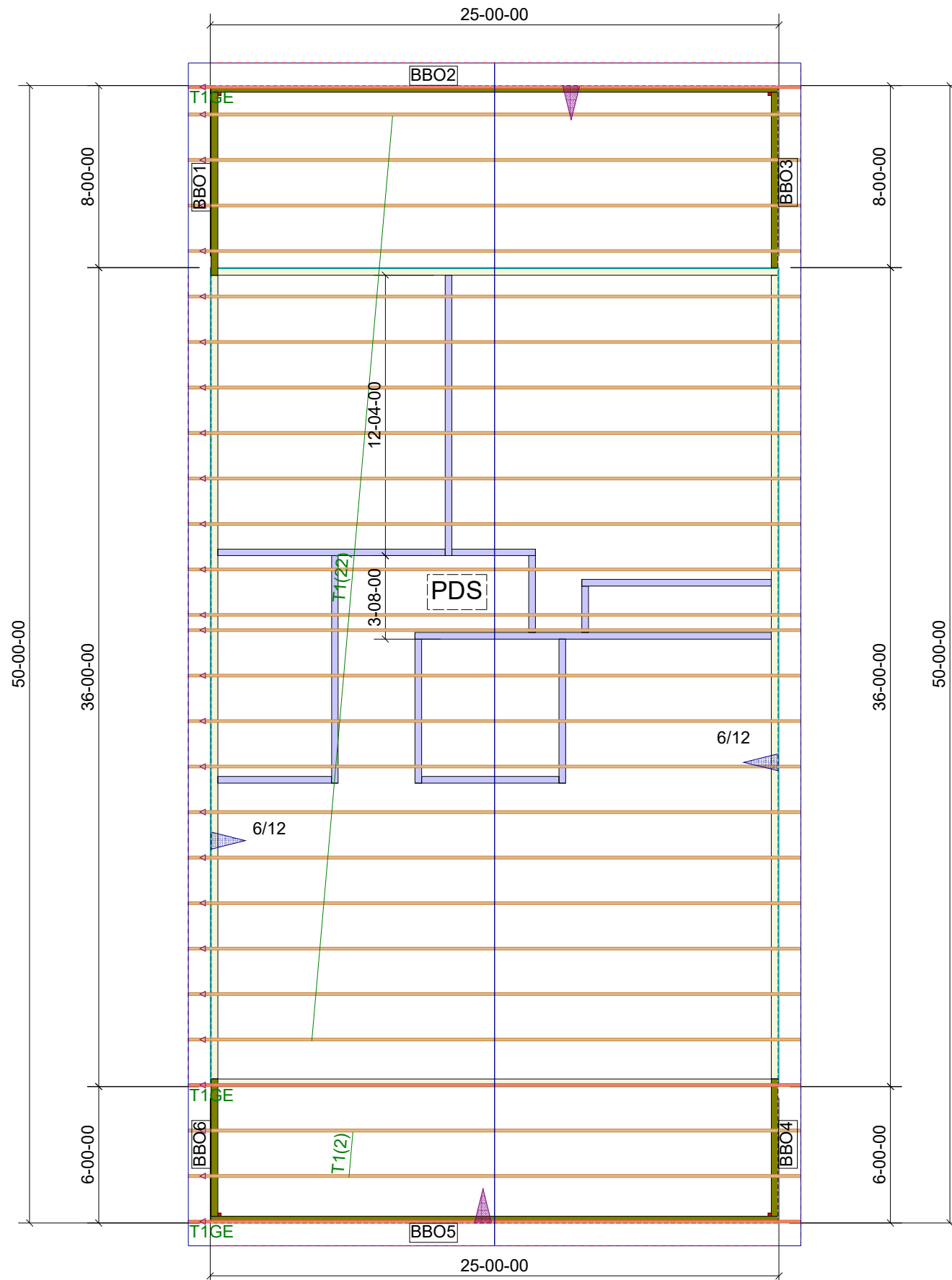
Job #

Q-2400733

Hamilton

Lillington NC

UNIT / Lot:



-Building elevations not provided,
 roof assumes gable shape
 -1' Overhangs
 -All flat ceilings

- Notes:
- Exterior dimensions shown are assumed to be:
 Out-to-out of stud
 Out-to-out of sheathing
 Out-to-out of _____
 - Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
 - Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
 - Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
 - Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
 Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 120 mph specified for Hamett County.

- △ - This symbol denotes left end of truss as shown on truss drawings
- - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:

- Ⓝ - Nailed
- Ⓛ - Ledger

Roof Trusses

Overhang: 12"
 Depth: NA
 Spacing: 2' OC

Wall Types

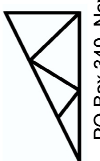
	Load Bearing
	Non Load Bearing

Layout Creation Date:
4/5/2024

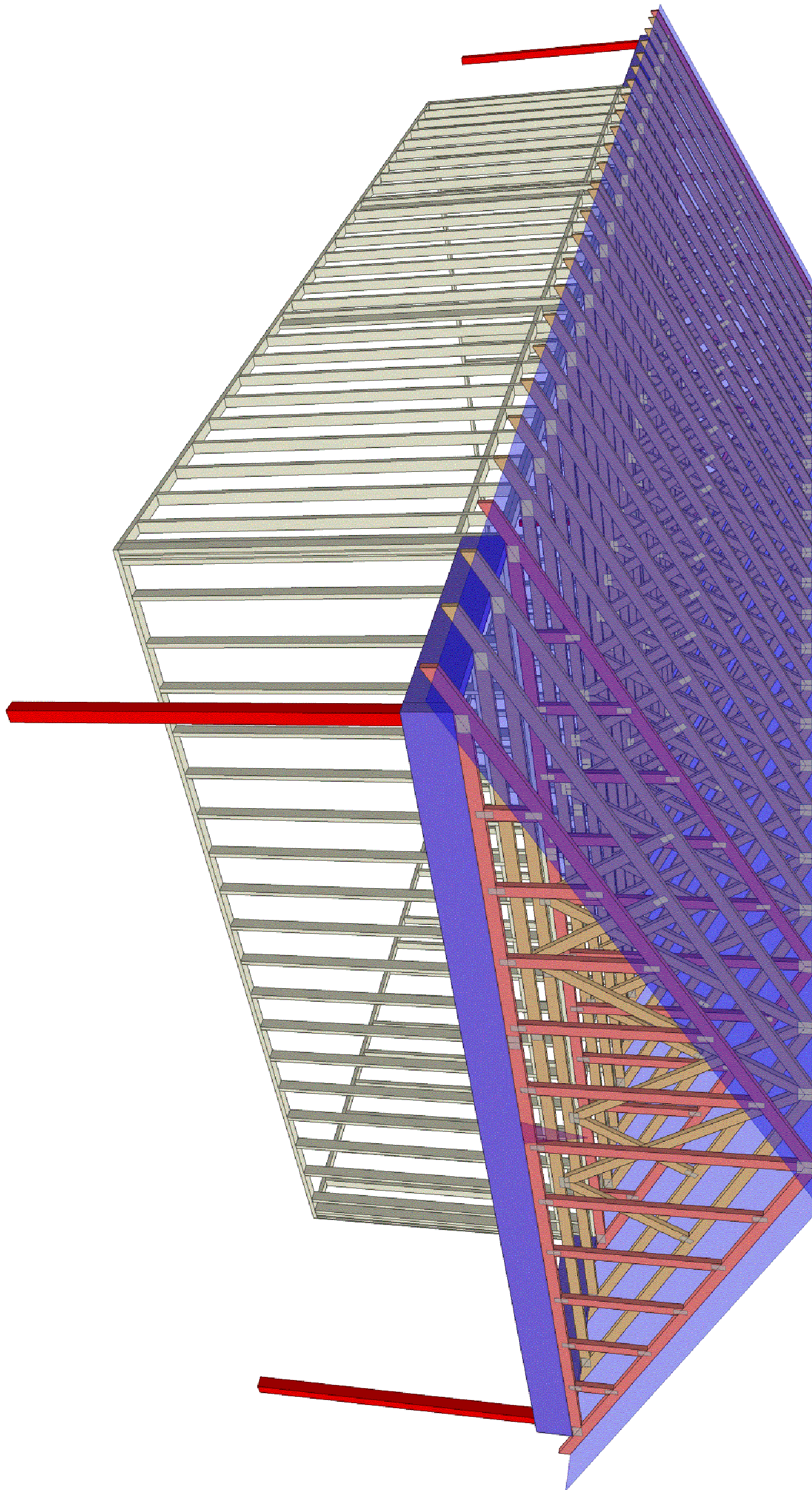
Sales: Le Greene - Designs: Devon Thompson

Horizon Building Solutions
 8622 Christian Light Rd
 Fuquay Varina, NC
 27526

**Peak Truss
 Builders, LLC**



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Layout Creation Date:

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Hamilton
Lillington NC

Unit/Lot:

Job #

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