



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

06/10/2024

SEE NOTES

ELEVATION NOTES:
GRADE ELEVATIONS SHOWN DO NOT NECESSARILY REFER TO THIS OR ANY OTHER LOT. THEY ARE FOR DIAGNOSTIC PURPOSES ONLY AND MAY VARY. BUILDER IS RESPONSIBLE FOR ADAPTING THIS PLAN TO SUIT THE EXISTING TOPOGRAPHY OF THE SITE.

ROOF VENTILATION TO BE DETERMINED BY BUILDER AS PER CODE.

ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A MIN. NET CLEAR OPENING OF 4.0 SQ FT. THE MIN NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 22". THE MIN NET CLEAR OPENING WIDTH SHALL BE 20".

EACH EGRESS WINDOW FROM SLEEPING ROOMS MUST HAVE A SILL HEIGHT OF NO MORE THAN 44" FROM THE FLOOR. ALL WINDOW SIZES ARE NOMINAL AND ARE TO BE VERIFIED WITH MANUFACTURER FOR AVAILABILITY AND CONFORMITY TO STATE AND LOCAL CODE REQUIREMENTS.

PORCHES, BALCONIES, OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN 32" IN HEIGHT.

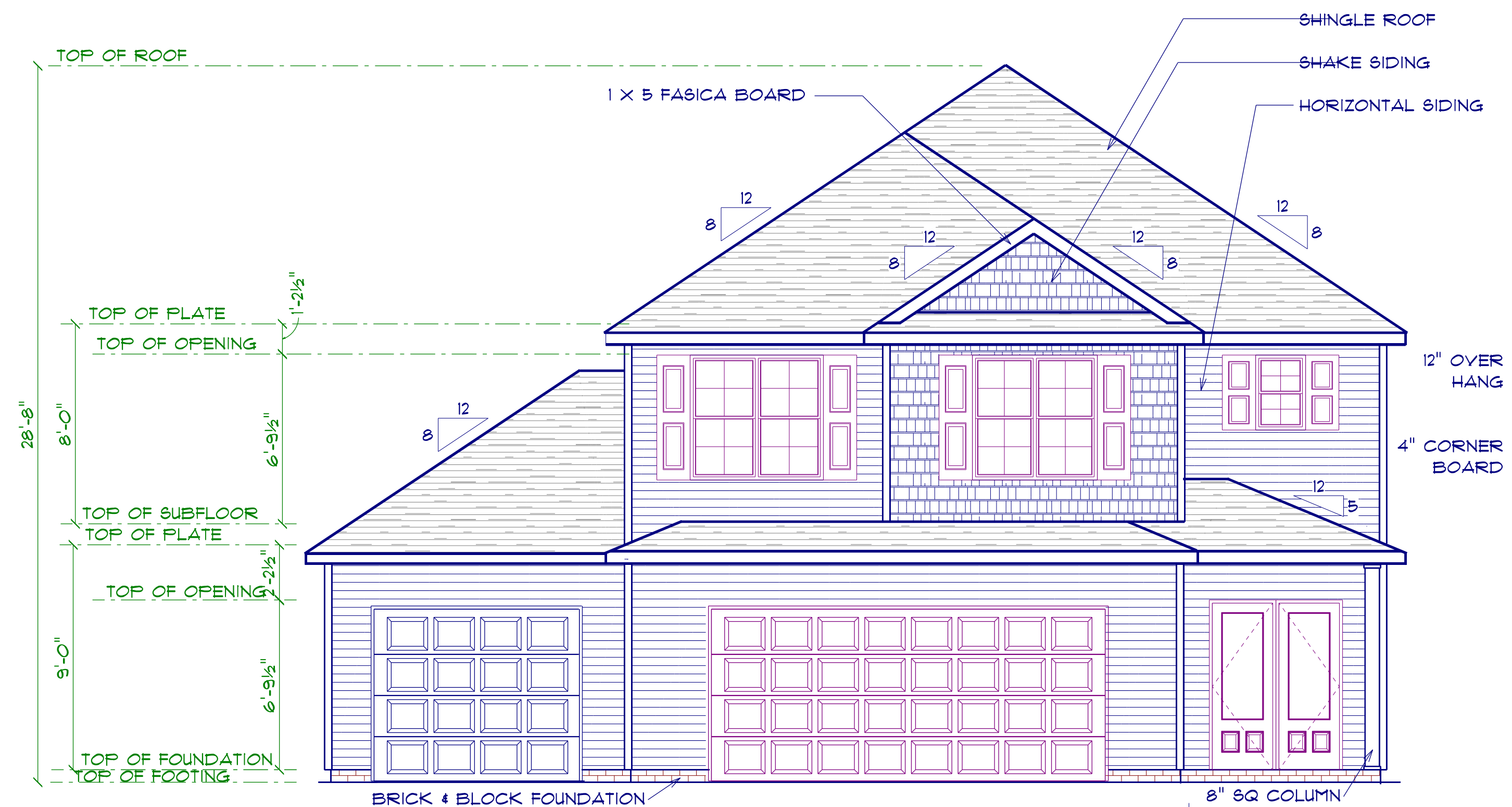
I ASSUME NO RESPONSIBILITY FOR ANY DISTANCES AFTER START OF CONSTRUCTION.
CONTRACTOR/BUILDER SHALL CONSULT WITH HOME OWNER ON ALL INTERIOR AND EXTERIOR HOLDINGS, TRIMS, COLORS, FINISHES, CABINET LAYOUTS, AND MANUFACTURERS BEFORE CONSTRUCTION BEGINS.
ALL BEAMS AND FRAMING MEMBERS ARE SIZED BY OTHERS.

1.1 This plan has been drawn to comply with the 2018 NC Building Code

- 1.2 Minimum Design Loads for Building and Other Structures ASCE 7-98
- 2 Roof Dead Load 15 P&F
- 3 Roof Live Load 20 P&F
- 4 Typical Floor Dead Load 10 P&F
- 5 Floor Live Loads
 - 5.1 Rooms other than sleeping rooms 40 P&F
 - 5.2 Sleeping Rooms 30 P&F
 - 5.3 Stairs 40 P&F
 - 5.4 Decks 40 P&F
 - 5.5 Exterior Balconies 60 P&F
- 6 Wind Loads
 - 6.1 Ultimate Design Wind Speeds 15 MPH
 - 6.2 Wind Importance Factor, I_w 1.00
 - 6.3 Exposure B
 - 6.4 Walls (Component and Cladding) 25 P&F
 - 6.5 Roofs (Component and Cladding)
 - 6.5.1 Roof Slopes 2.25/12 to 7/12 34.8 P&F
 - 6.5.2 Roof Slopes 7/12 to 12/12 21 P&F

It is the sole responsibility of the Contractor and/or Builder to conform to all standards, provisions, requirements, methods of construction and uses of materials provided in buildings and/or structures as required by NC Uniform Building Code, Local Agencies and in accordance with good engineering practices. Verify all dimensions prior to construction.

CRH HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE BUILDER OTHER THAN CRH HOMES



FRONT ELEVATION
SCALE: 1" = 1/4"

IC

Diane Rives Designs
6205 Mockingbird Lane
Searford, N.C. 27582
919-710-0953
golfhvac@icrcharter.net

DRD

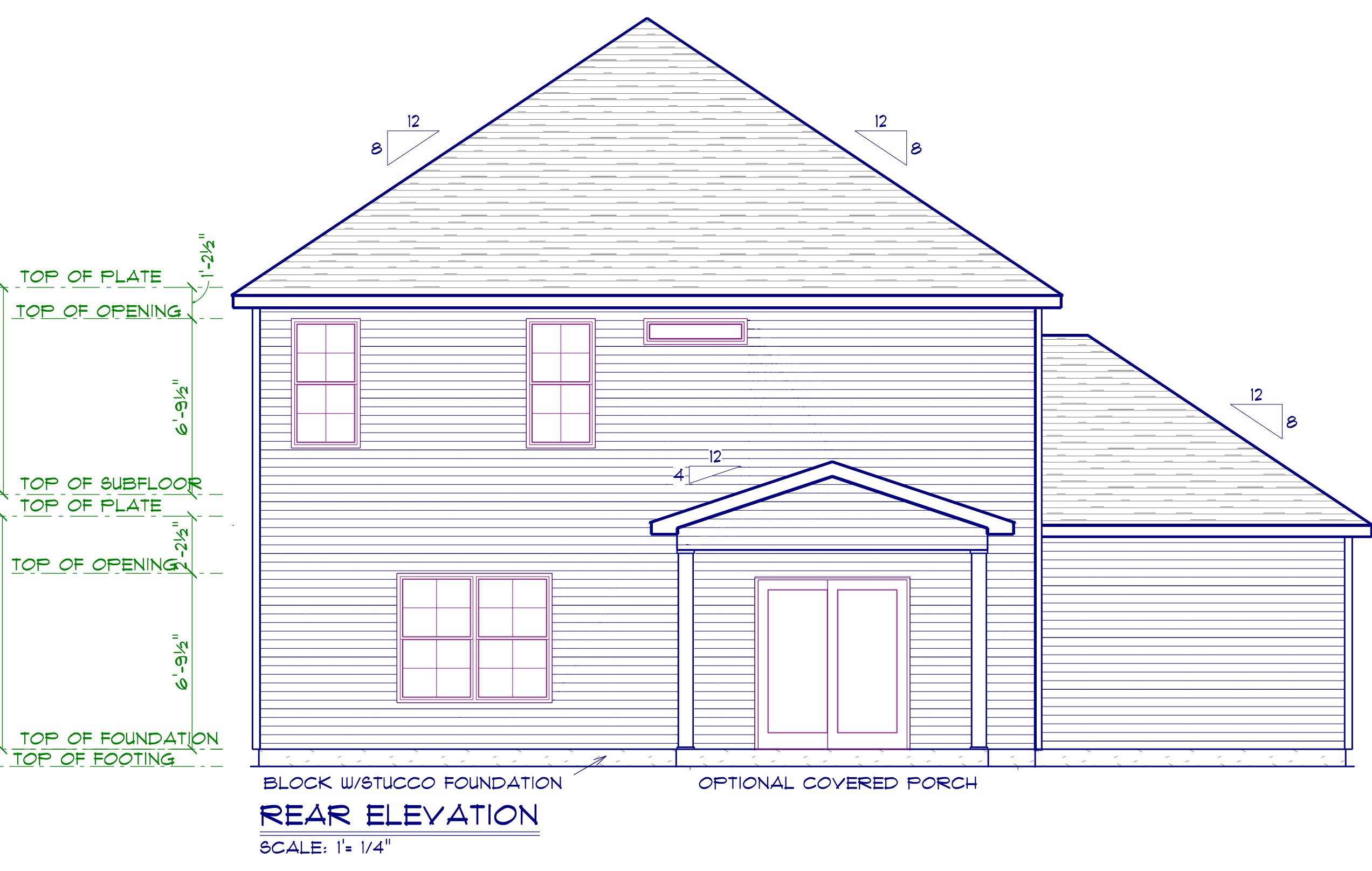
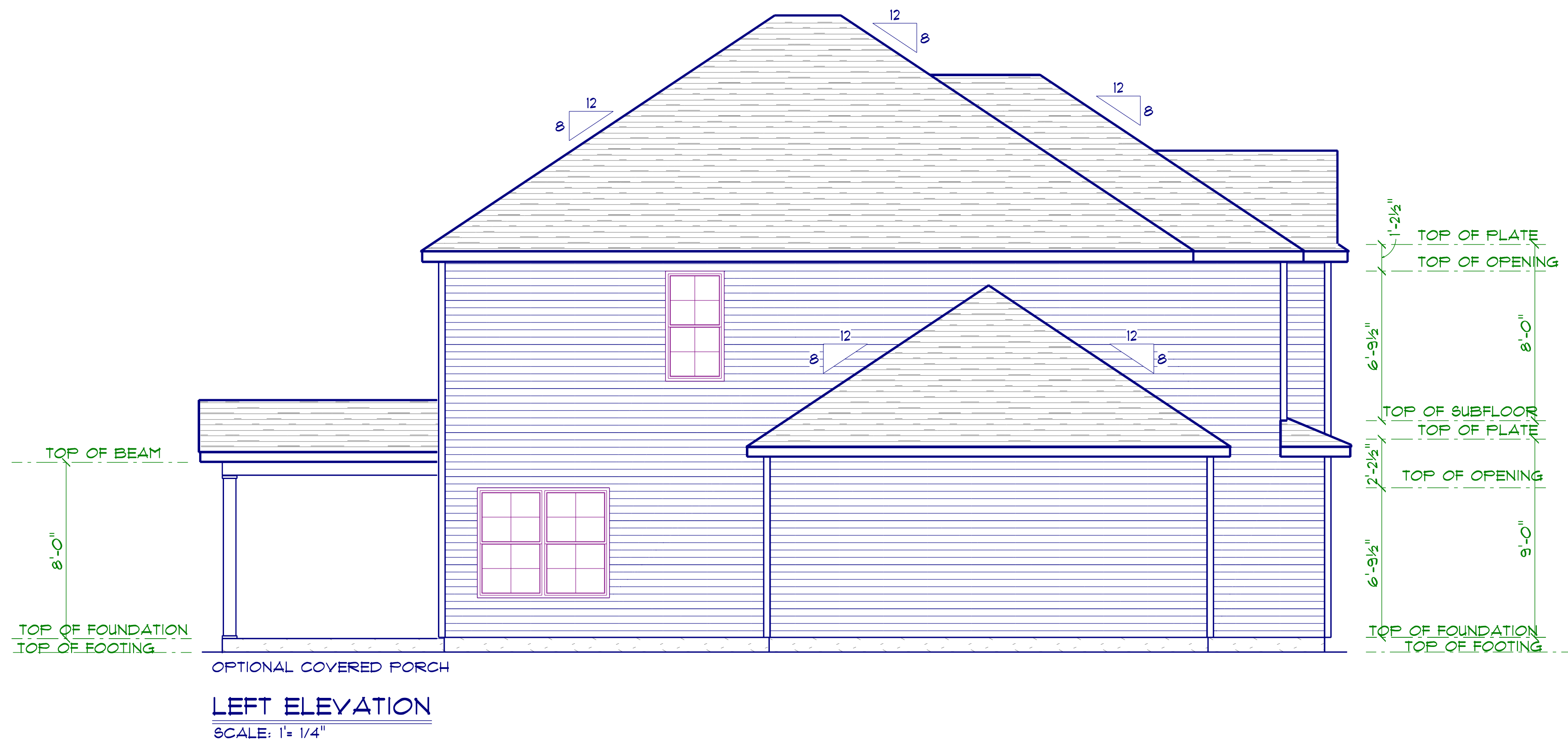
SCALE: 1" = 1/4"
DRAWN BY:
DATE: 4/28/2024

CRH HOMES

THE LINCOLN
LEFT GARAGE

FRONT ELEVATION C

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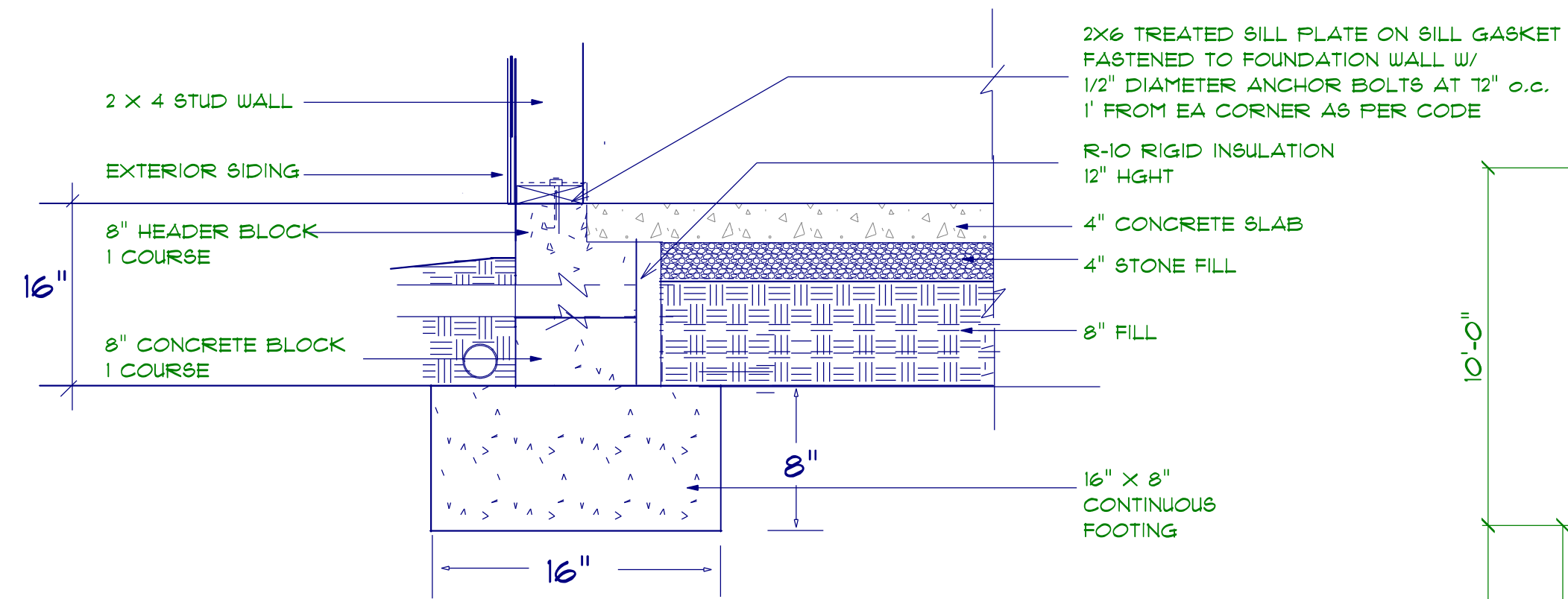


8'-0"
TOP OF PLATE
TOP OF OPENING
6'-9 1/2"
TOP OF SUBFLOOR
TOP OF PLATE
TOP OF OPENING
2'-2 1/2"
6'-9 1/2"
TOP OF FOUNDATION
TOP OF FOOTING

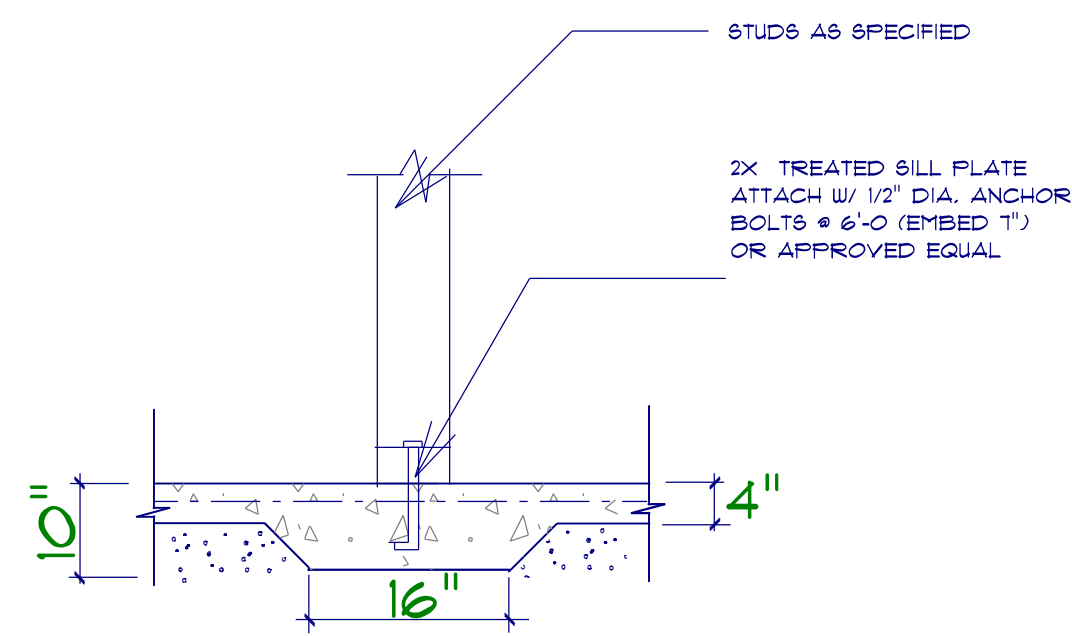
8'-0"
TOP OF PLATE
TOP OF OPENING
6'-9 1/2"
TOP OF SUBFLOOR
TOP OF PLATE
TOP OF OPENING
2'-2 1/2"
6'-9 1/2"
TOP OF FOUNDATION
TOP OF FOOTING

8'-0"
TOP OF PLATE
TOP OF OPENING
6'-9 1/2"
TOP OF SUBFLOOR
TOP OF PLATE
TOP OF OPENING
2'-2 1/2"
6'-9 1/2"
TOP OF FOUNDATION
TOP OF FOOTING

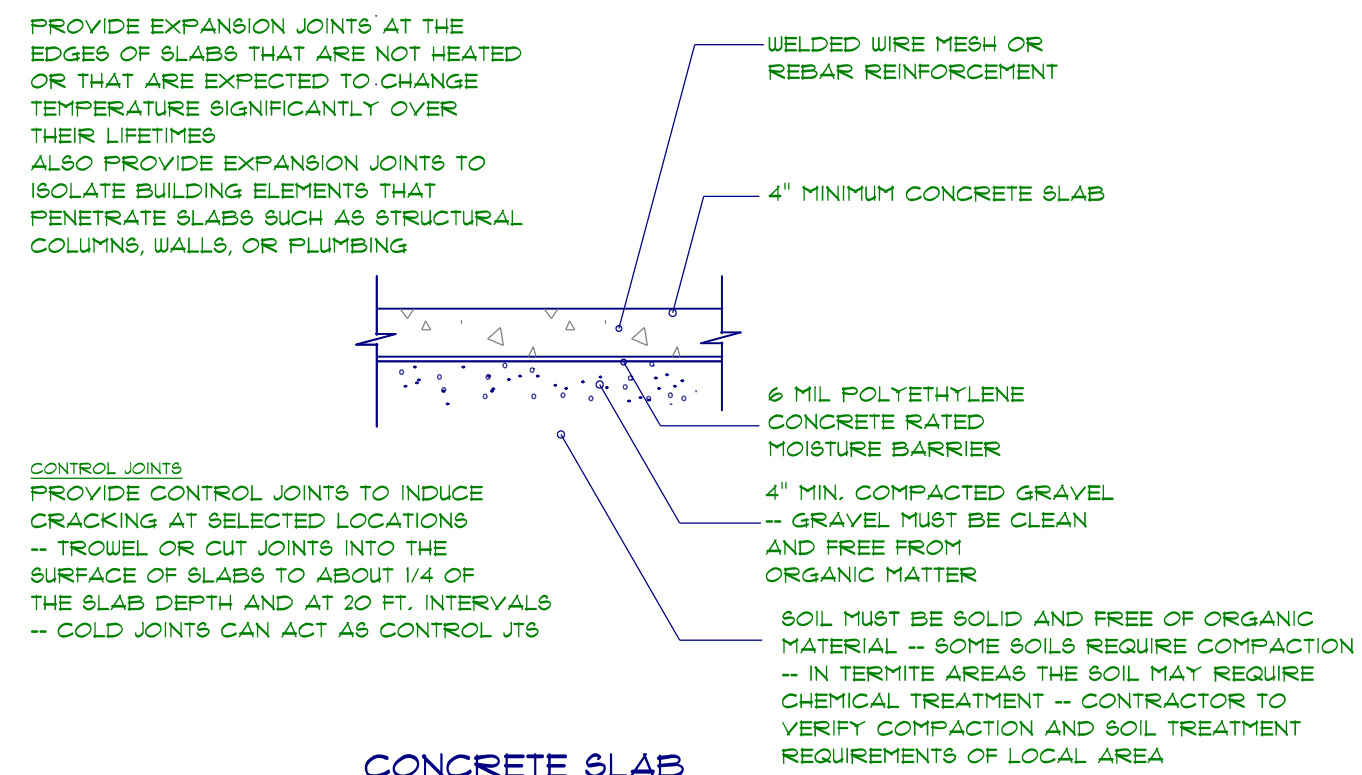
8'-0"
TOP OF BEAM
TOP OF FOUNDATION
TOP OF FOOTING



STEM WALL FOUNDATION Detail not to scale



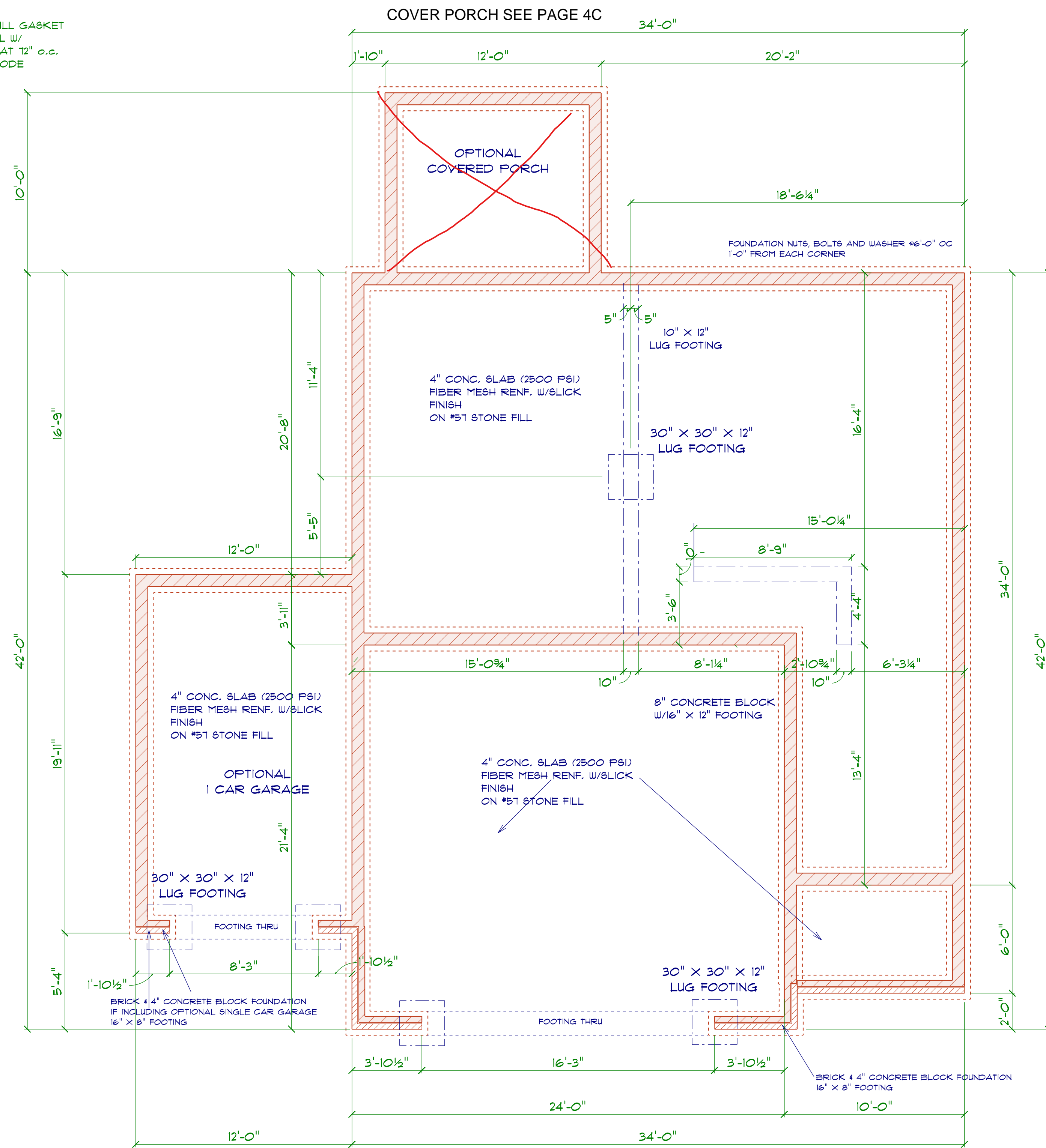
TYPICAL THICKENED SLAB



CONCRETE SLAB DETAILS / NOTES

FOUNDATION NOTES:
 ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL.
 THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI.
 PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.
 FOUNDATION CONCRETE MIX TO HAVE 1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.
 FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSI.
 PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND SURFACE IN CRAWL SPACE.
 ALL ANCHOR BOLTS TO BE 12" LONG, 1/2" DIA. A36 UNO ANCHOR BOLTS SHALL BE SPACE AT A MAX OF 6' OC AND NO MORE THAN 1' FROM EA CORNER.

Termite Soil Treatment: Treat entire slab area soil or crawl space surface before vapor barrier is installed and slab is poured with a state approved termiticide. Termiticide should be applied by a licensed and certified pest control professional by the state of North Carolina.



FOUNDATION PLAN

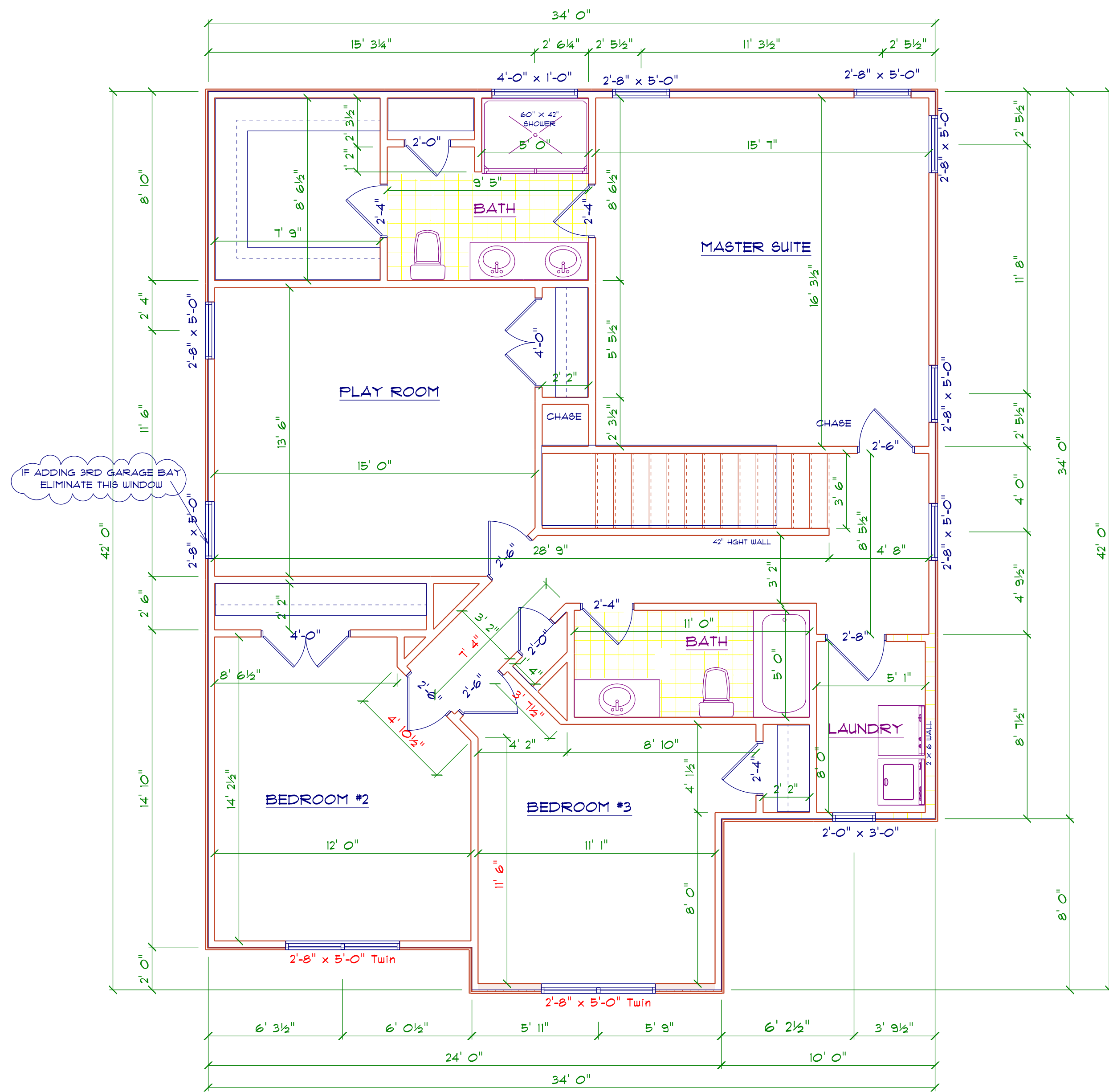
SCALE: 1" = 1/4"

CRH HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE BUILDER OTHER THAN CRH HOMES

GENERAL FRAMING NOTES:
 ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 FRAMING LUMBER SHALL BE SYP #2 GRADE AND/OR SPRUCE PINE FIR #1 AND/OR #2, KILN DRIED.
 WHERE PRE-ENGINEERED JOISTS ARE USED, JOIST MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N.C. ENGINEER.
 STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN THE MEMBER TO ITS ORIGINAL CAPACITY.
 NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" OC AN USE 3-16d NAILS 2" IN AT EACH END. DOUBLE ALL STUDS UNDER ROOF POST DOWNS UNO.
 NAIL FLOOR JOISTS TO BILL PLATE WITH 8d TOE NAILS.
 ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESSURE TREATED.
 PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.
 ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE BASED ON 2 X 4 STUDS UNO, DOUBLE STUDS UNDER ALL HEADERS.
 LVL'S AND TJI'S TO BE SIZED BY OTHERS
 EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

OPENING SCHEDULE				
SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
2'-8" x 5'-0"	6	Window\Single Hung	32"	60-1/2"
2'-0" x 3'-0"	1	Window\Single Hung	24"	36"
2'-8" x 5'-0" Twin	3	Window\Single Hung	64-1/2"	60-1/2"
4'-0" x 1'-0"	1	Window\Transom	48"	12"

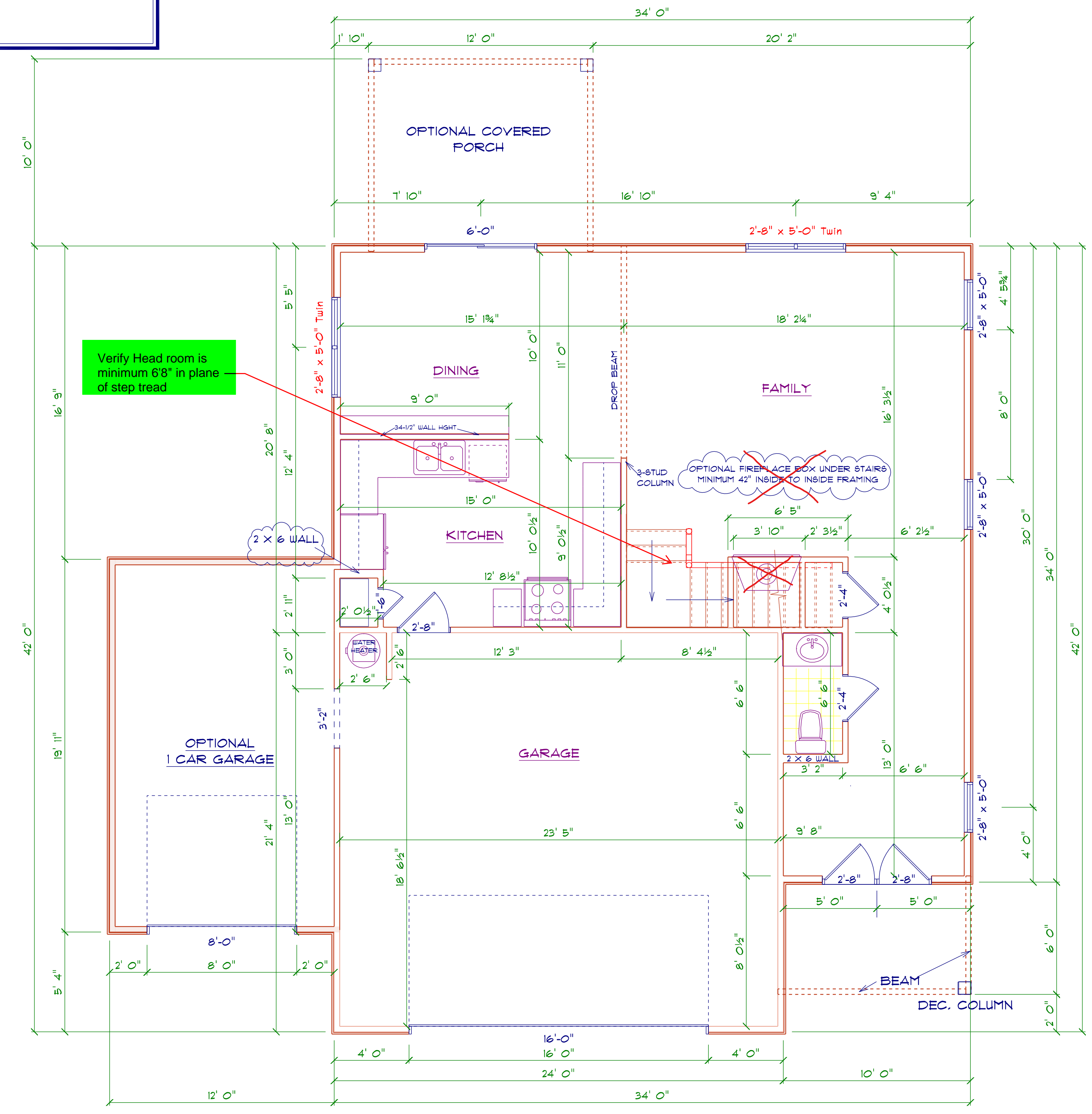
OPENING SCHEDULE				
R.O. HEIGHT	R.O. WIDTH	LIBRARY NAME	COUNT	SIZE
80-1/2"	72"	Exterior Door\Patio	1	6'-0"
60-1/2"	32"	Window\Single Hung	3	2'-8" x 5'-0"
60-1/2"	64-1/2"	Window\Single Hung	2	2'-8" x 5'-0" Twin



2ND FLOOR PLAN

SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	1302.4 sq ft.

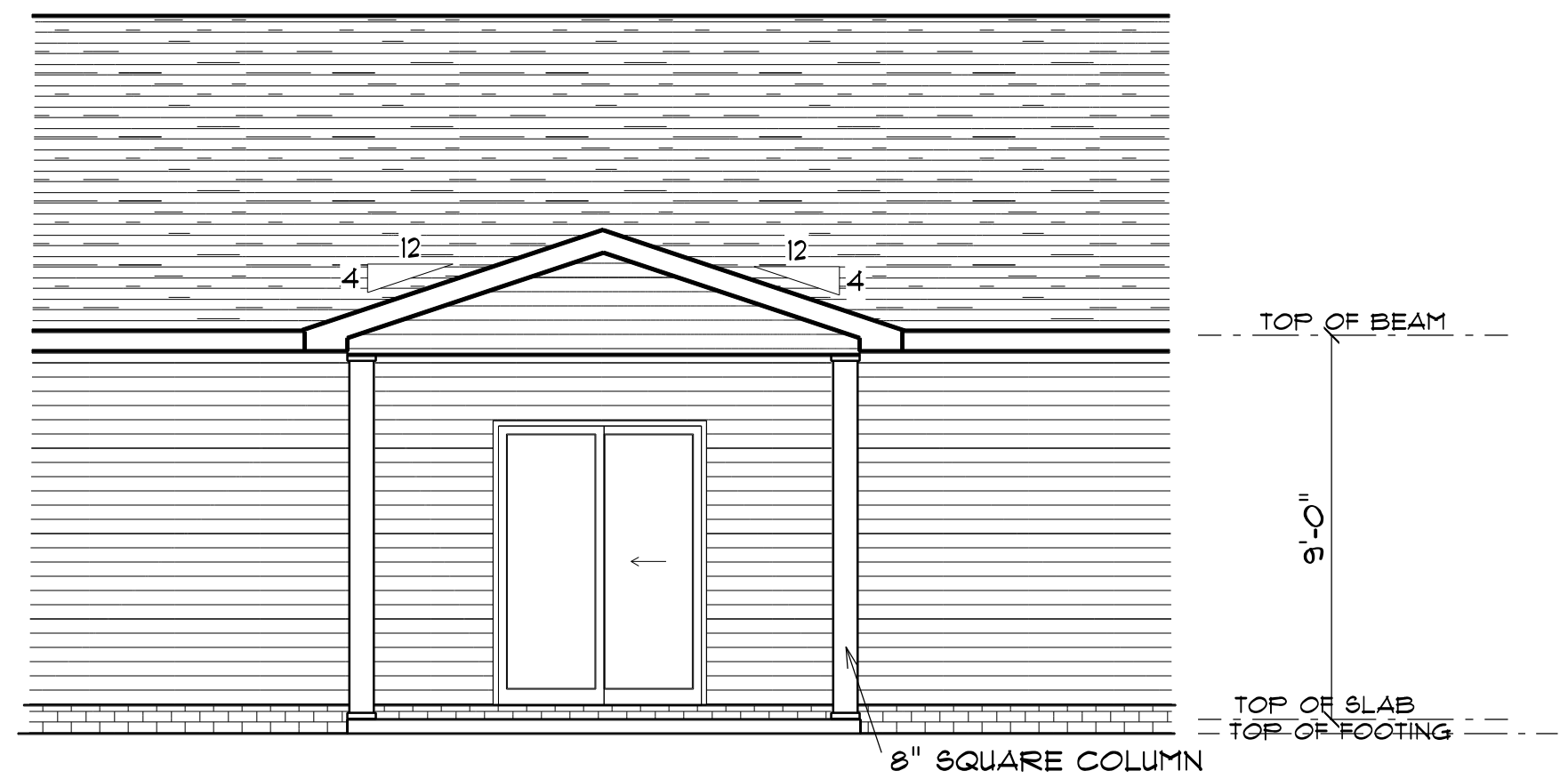


1ST FLOOR PLAN

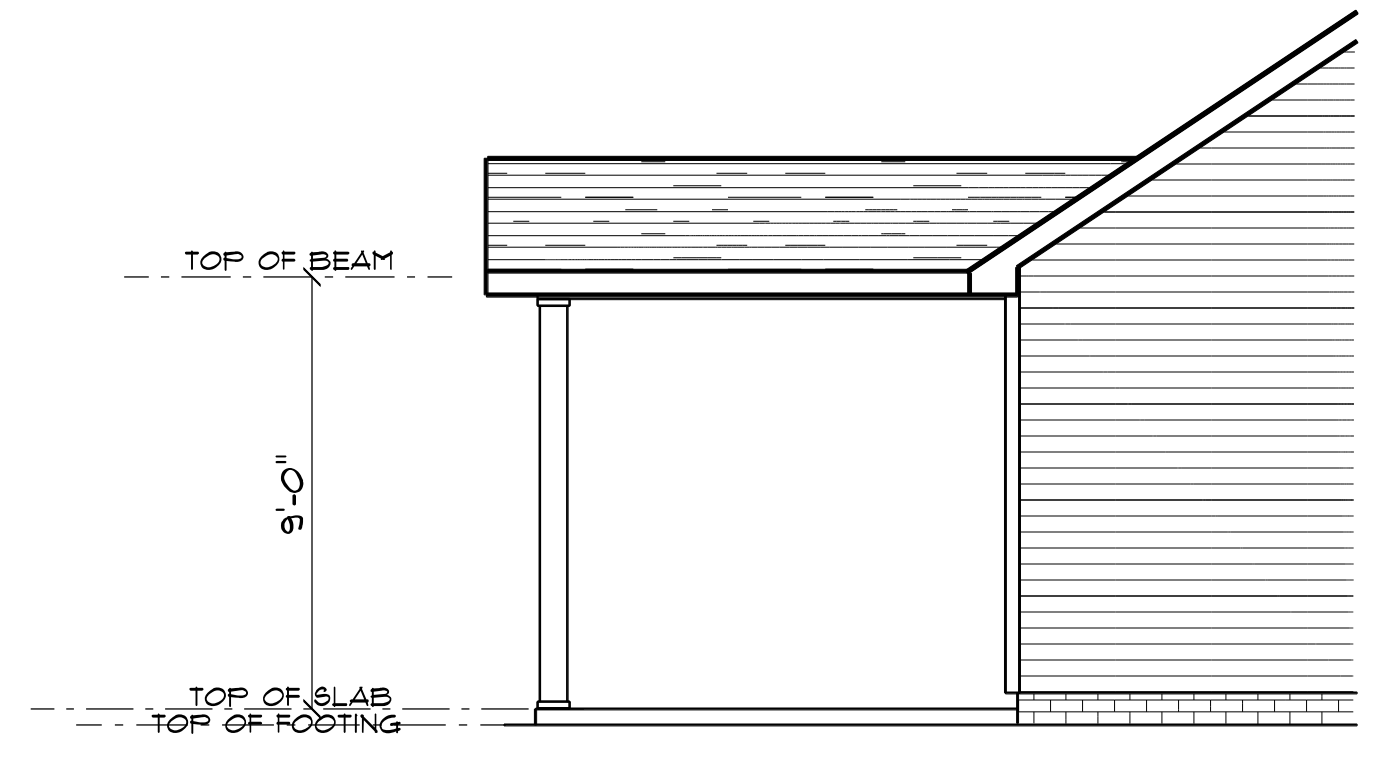
SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	841.2 sq ft.
Garage	505.8 sq ft.
Optional 1 Car Garage	244.5 sq ft.
Covered Porch	58.3 sq ft.
Opt Covered Porch	120 sq ft.

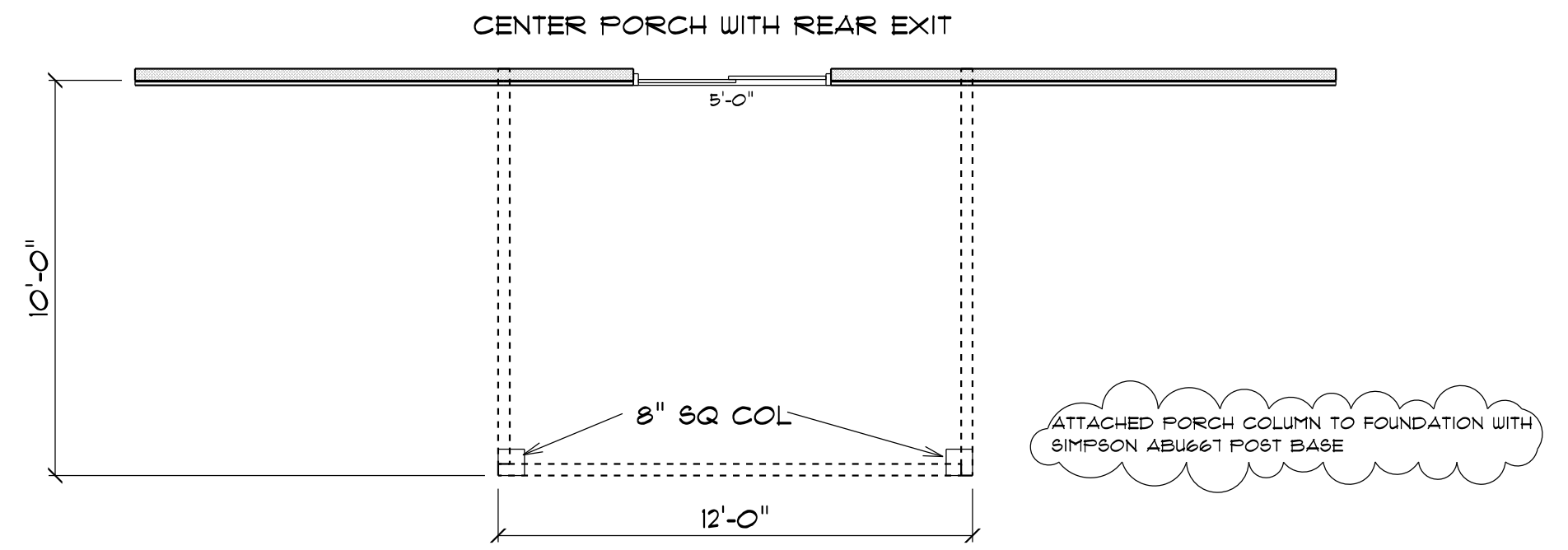
CRH HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE BUILDER OTHER THAN CRH HOMES



REAR ELEVATION
 SCALE: 1" = 1/4"

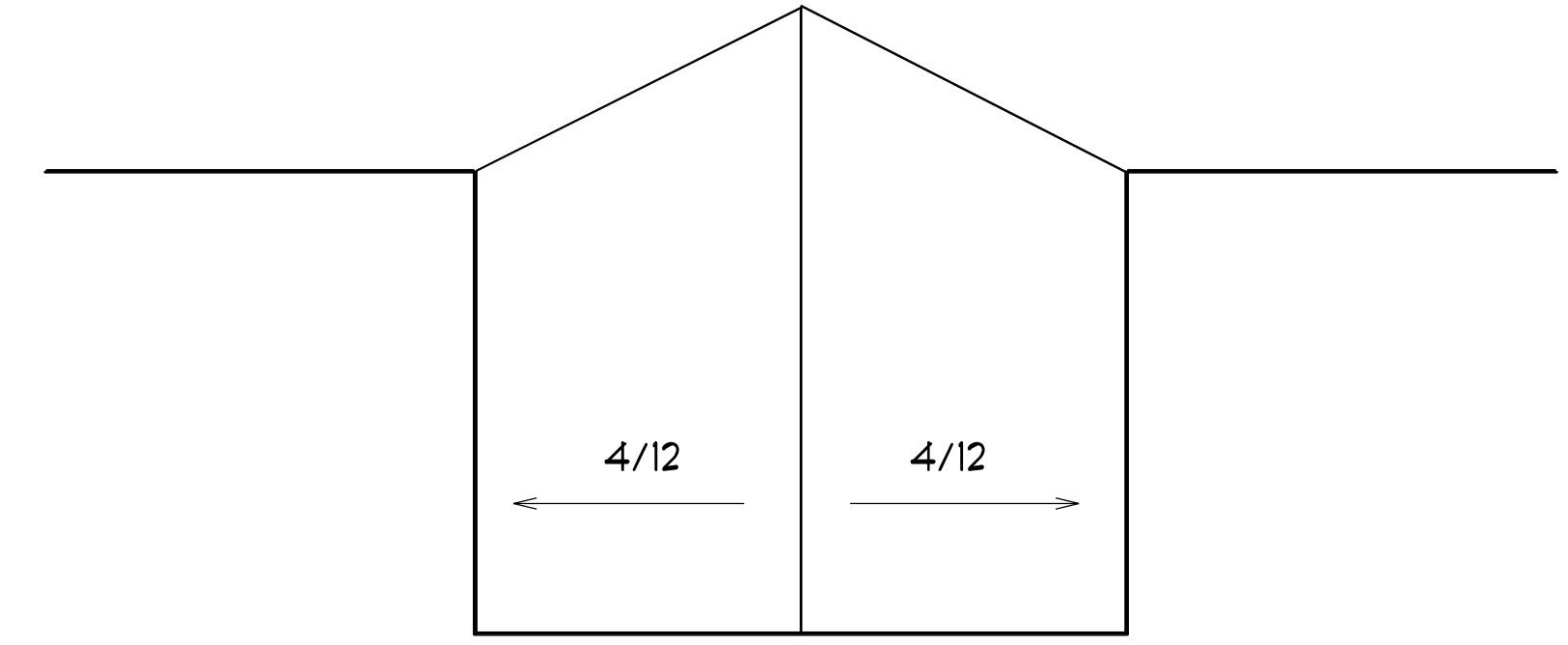


SIDE ELEVATION
 SCALE: 1" = 1/4"

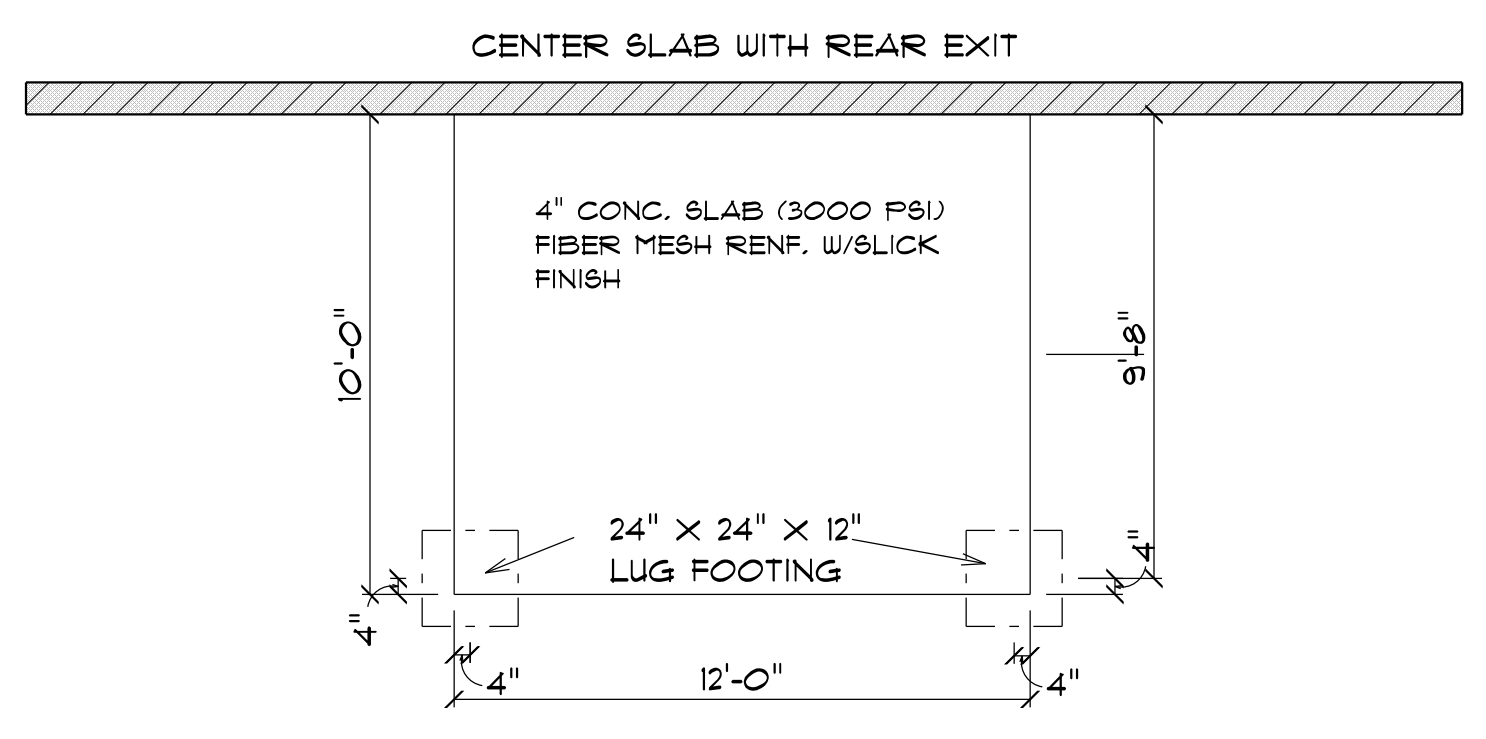


PORCH FLOOR PLAN
 SCALE: 1" = 1/4"

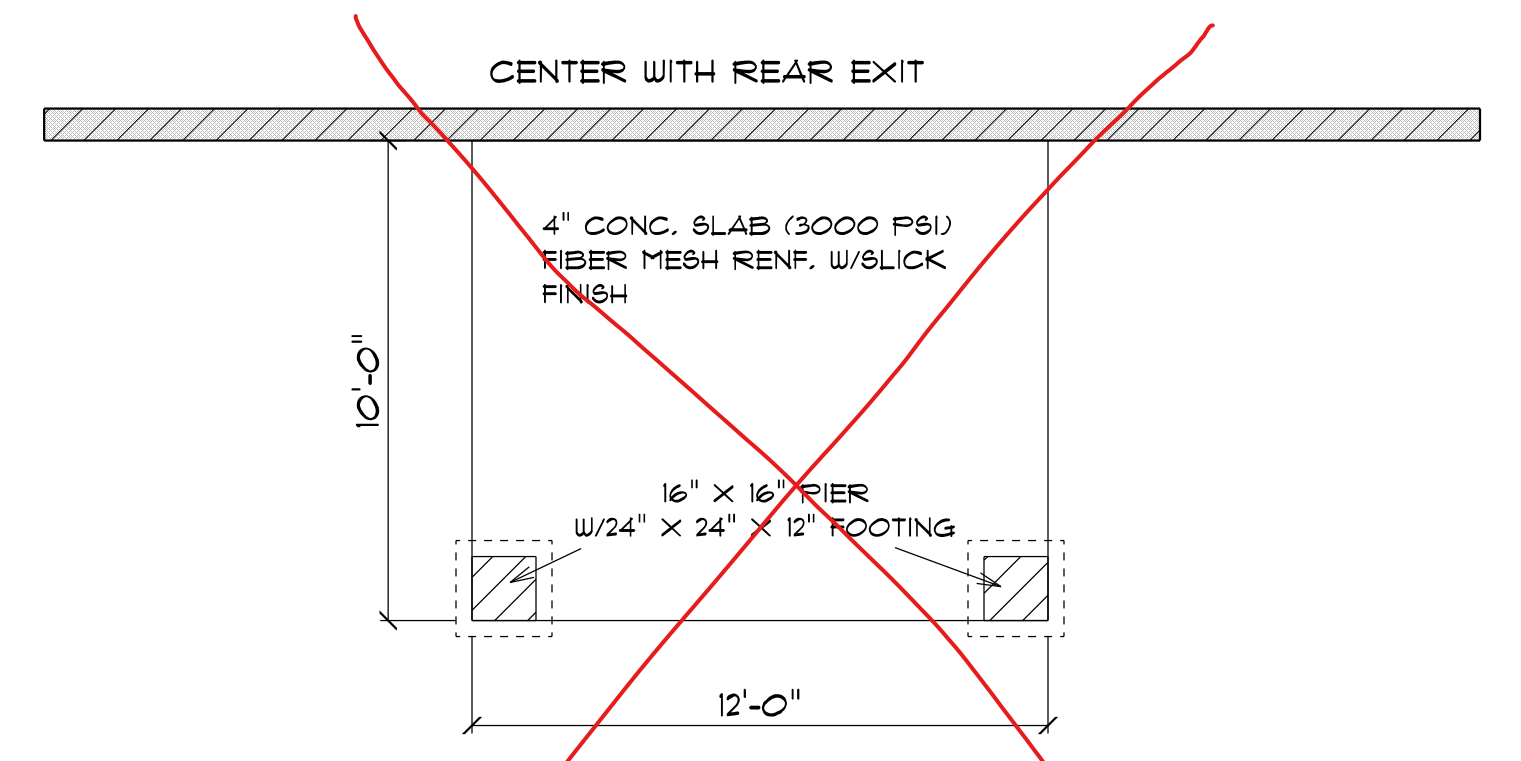
AREA SCHEDULE	
NAME	AREA
Covered Porch	120 sq. ft.



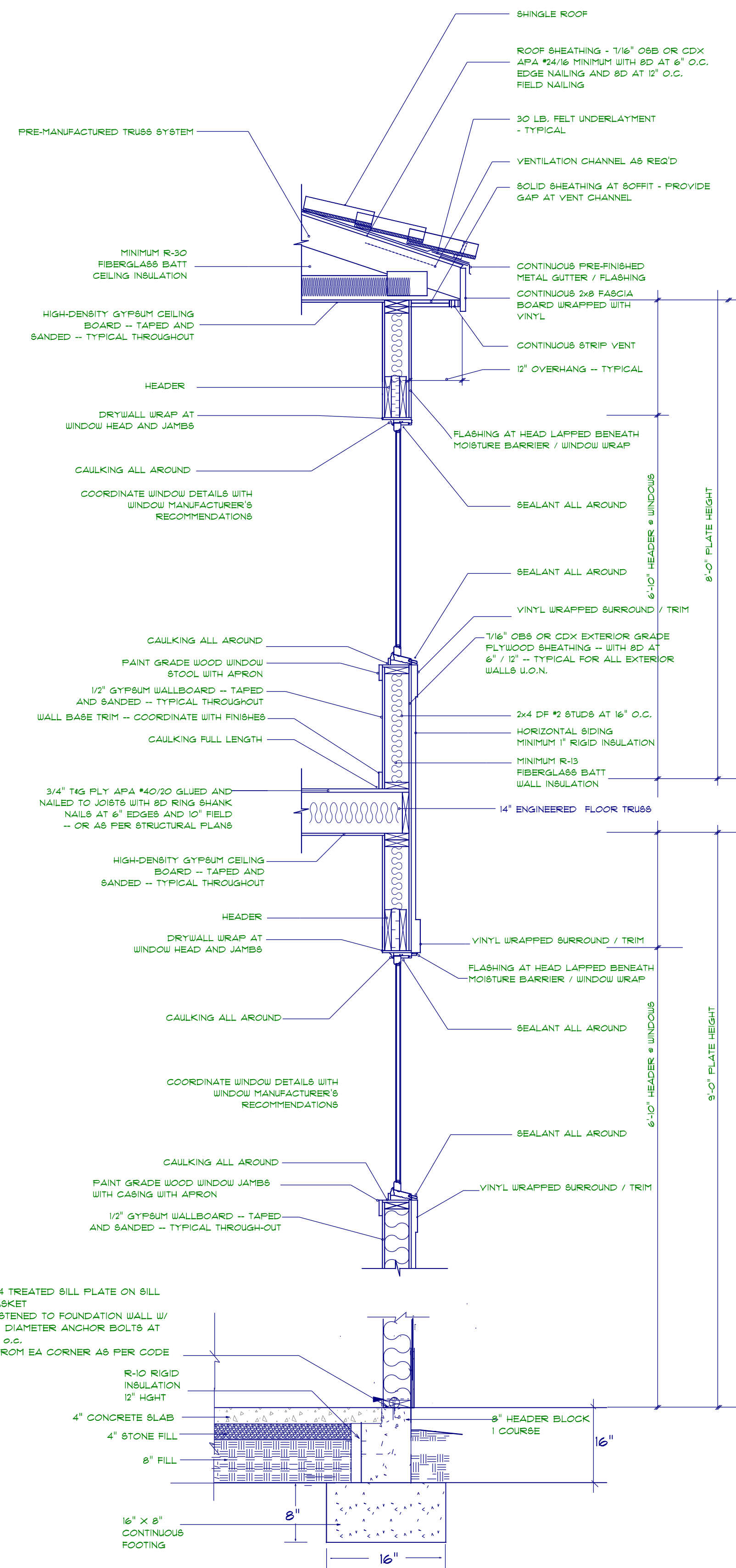
ROOF LAYOUT 12" OVER HANG
 SCALE: 1" = 1/4"



SLAB PORCH FOUNDATION PLAN
 SCALE: 1" = 1/4"

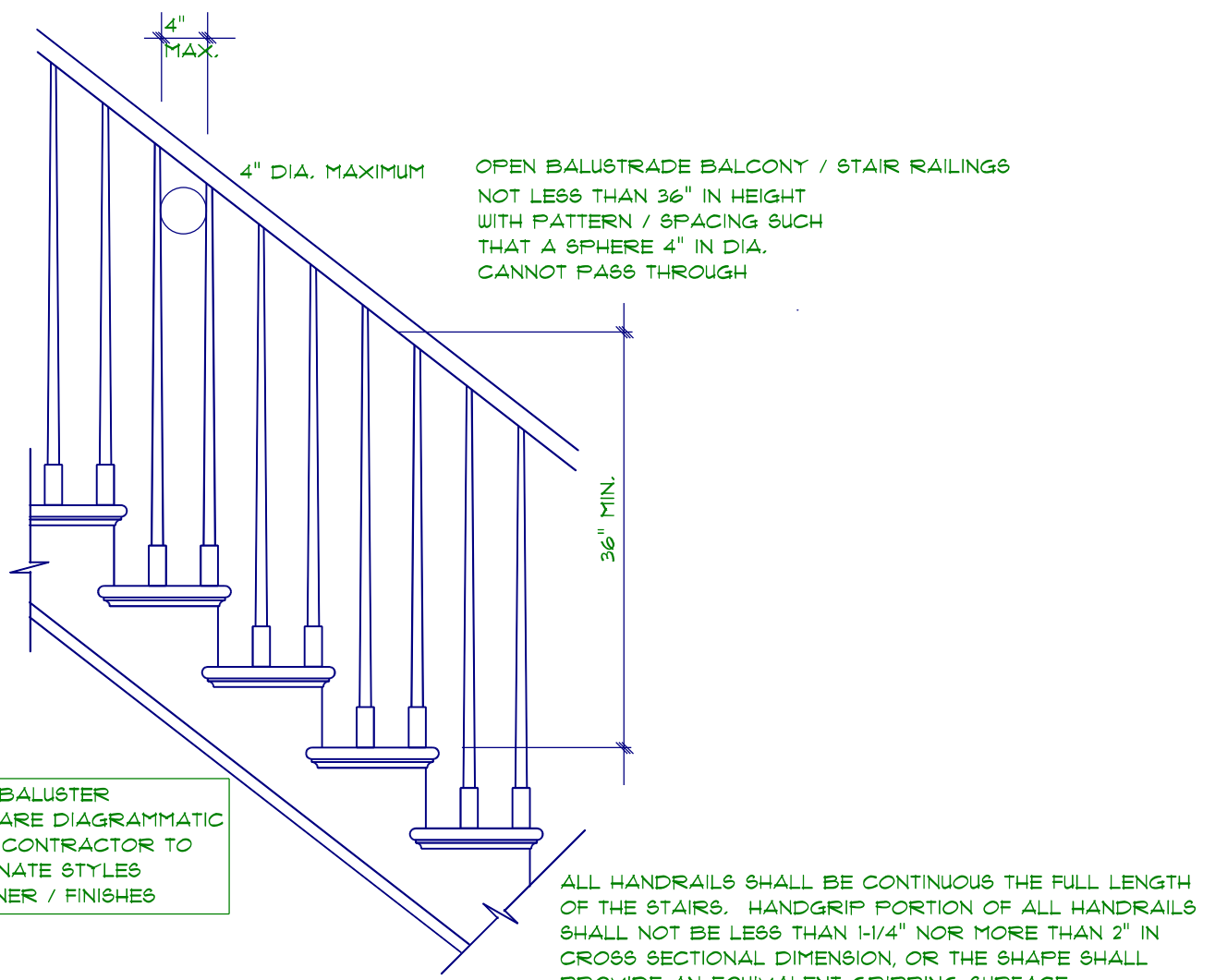


CRAWL SPACE PORCH FOUNDATION PLAN
 SCALE: 1" = 1/4"



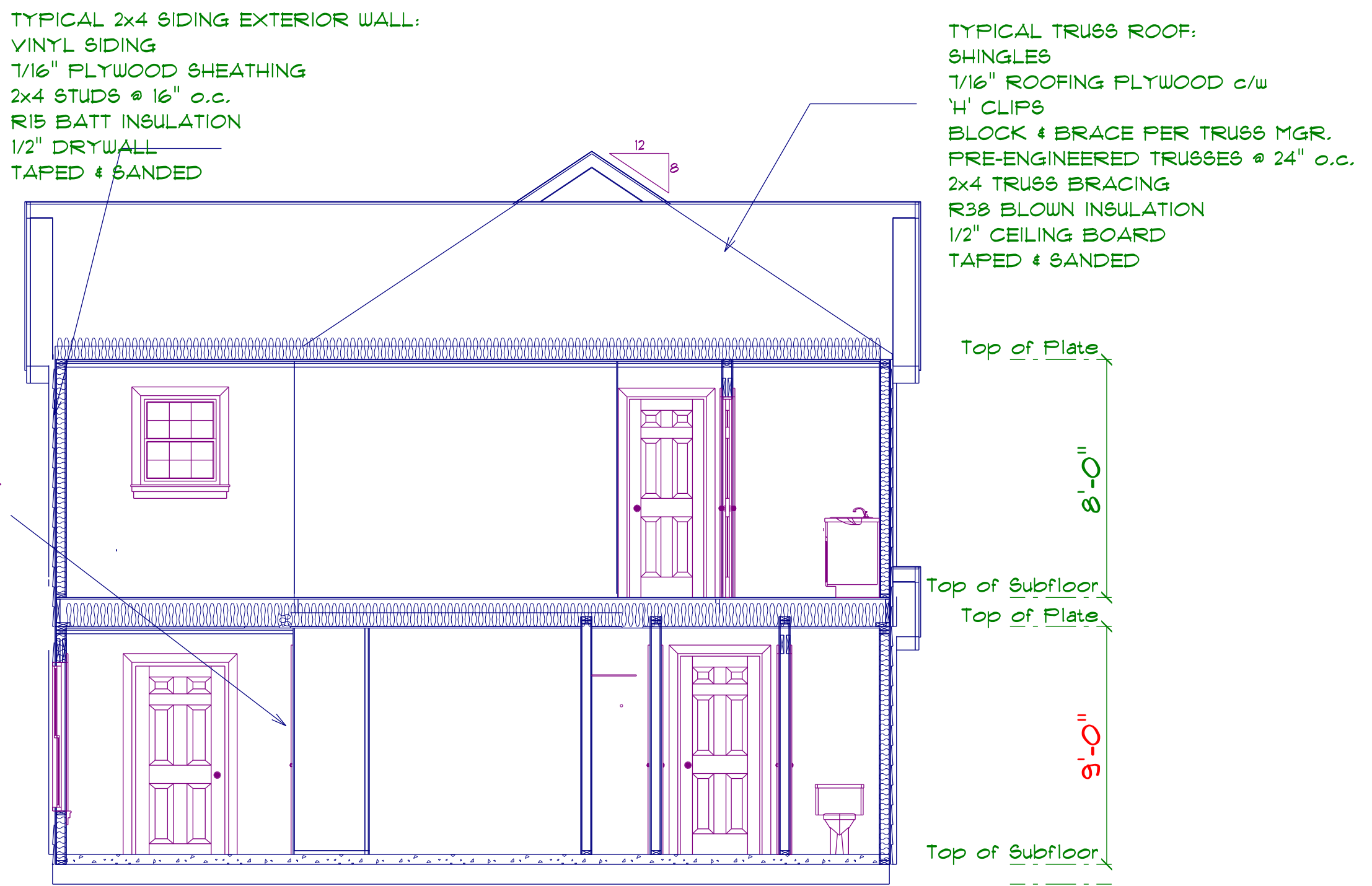
2x4 WITH 8" BLOCK STEM WALL FOUNDATION
not to scale

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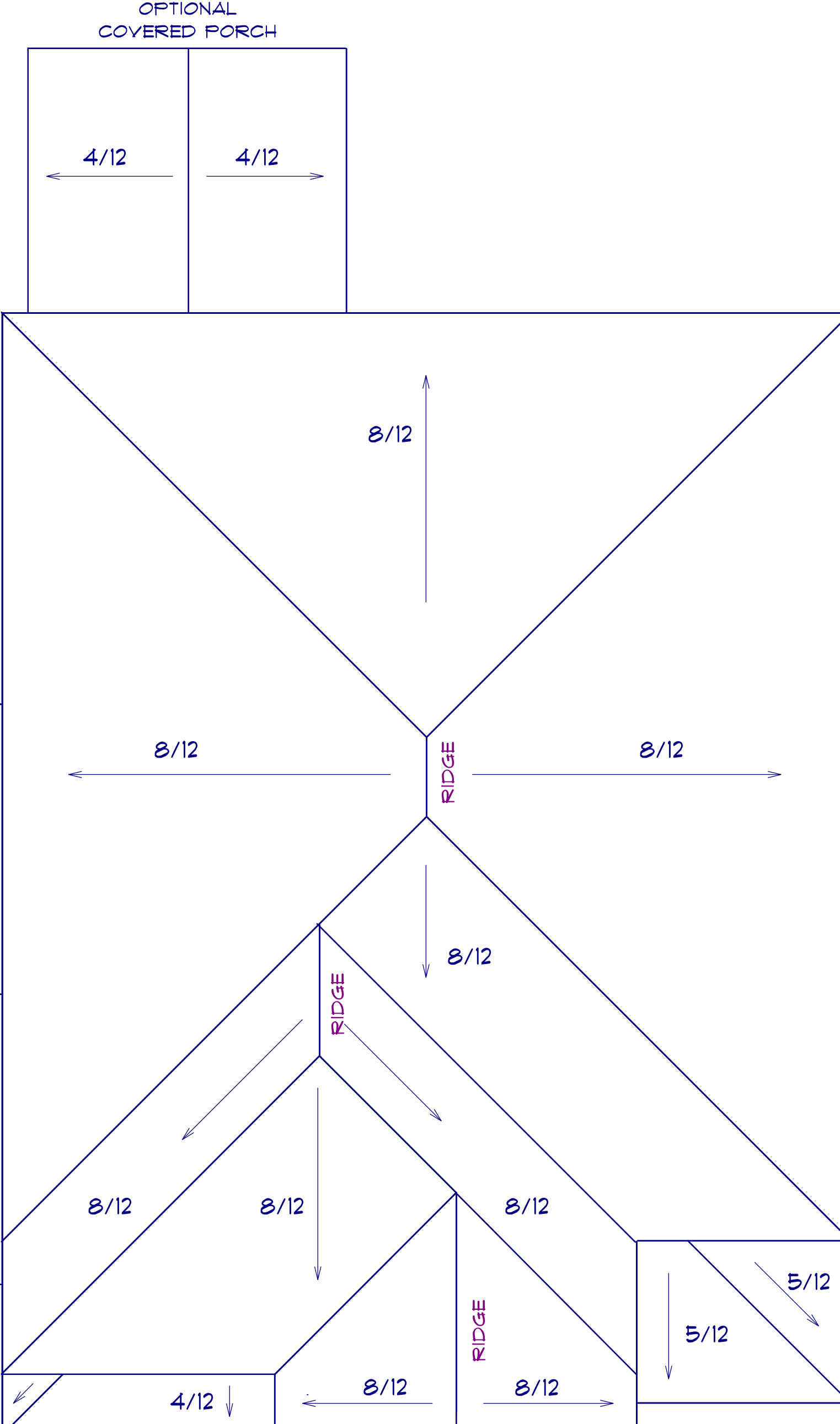


STAIR RAILING
not to scale

ROOF NOTES:
TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.
IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.
DO NOT CUT OR REMOVE CHORDS OR OTHER TRUSS MEMBERS. DO NOT NOTCH OR DRILL TRUSS MEMBERS.
WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.

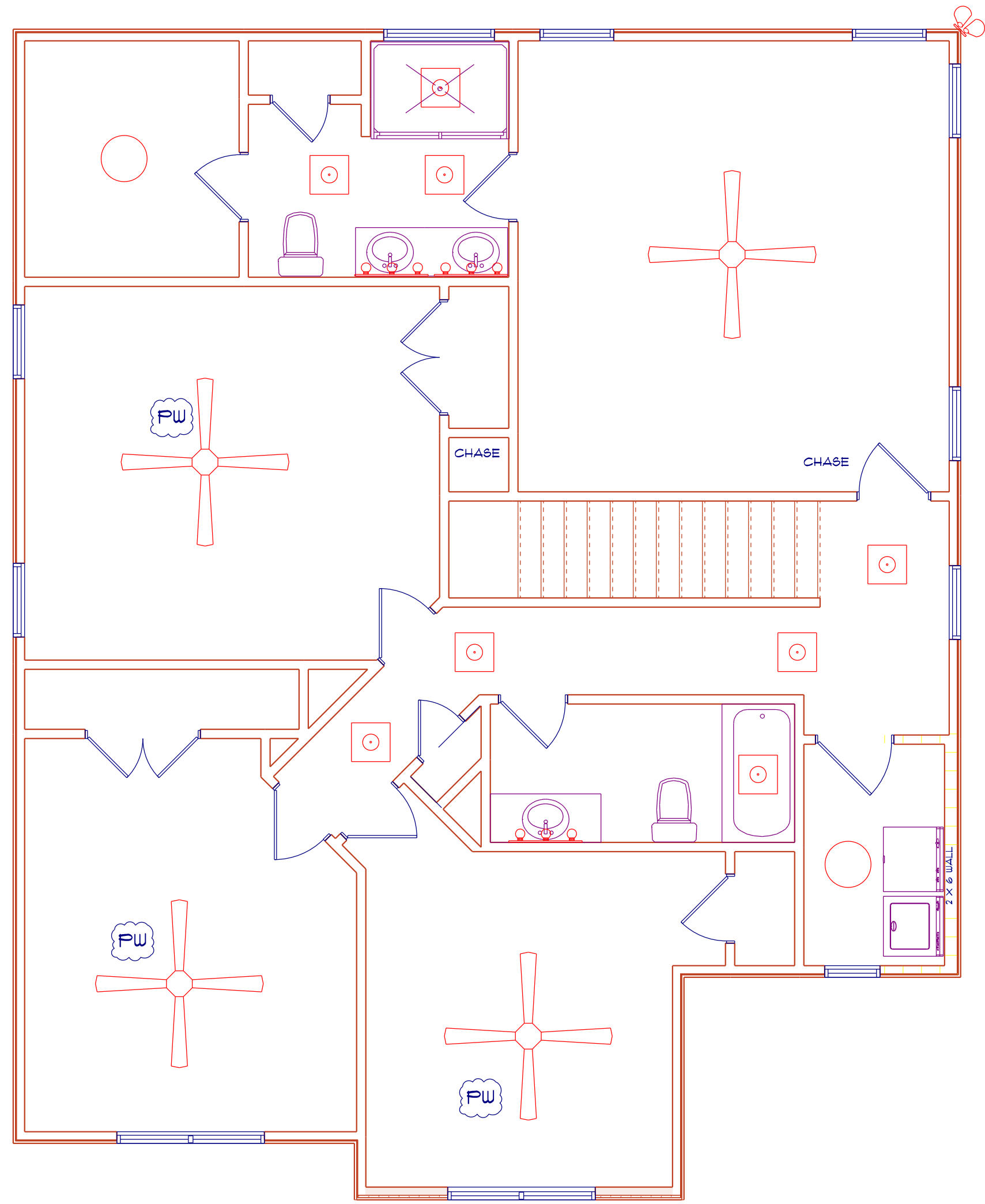


SECTION
SCALE: 1" = 1/4"



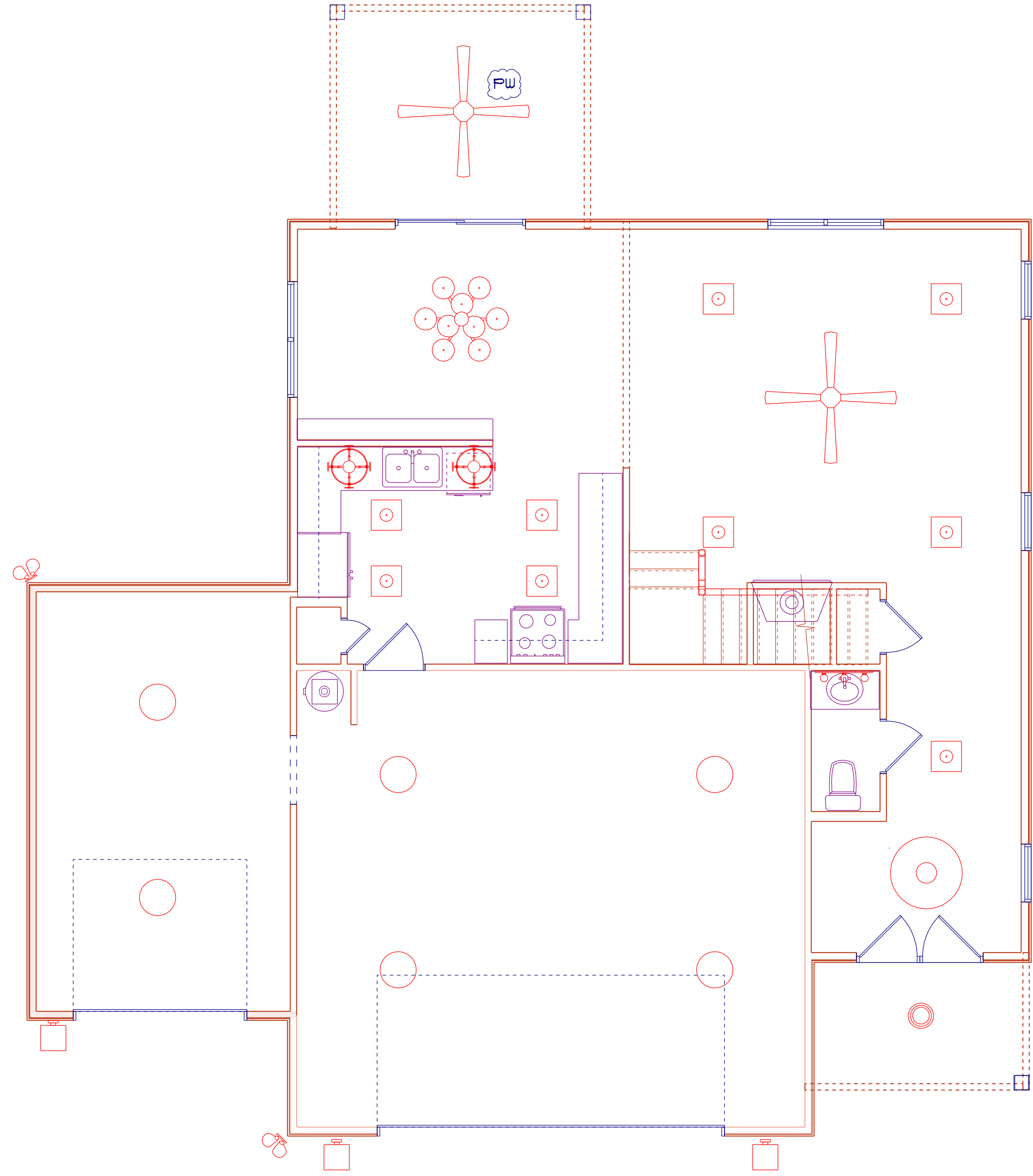
ROOF PLAN
SCALE: 1" = 1/4"

12" OVER HANG ALL



ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	2	
10" led	8	
7" led	17	
foyer light	1	
dinning room light	1	
coach light	3	
exterior over head	1	
flood light	3	
vanity bar light	4	
wall sconce		
pendant light	2	

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 Diane Rives Designs 6205 Hicklingford Lane Sanford, N.C. 27332 919-710-0383 g@homedesigner.net	SCALE: 1/4"	CRH HOMES THE LINCOLN LEFT GARAGE
	DRAWN BY: DATE: 4/28/2024	
ELECTRICAL LAYOUT		

General Notes: ** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION. ** ALL POINT LOADS FROM ABOVE MUST BE TRANSFERRED TO BEARING FROM UNDER SIDE OF SHEATHING. **

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual 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 systems 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 the bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53179.

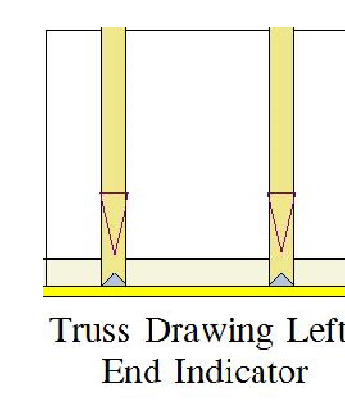
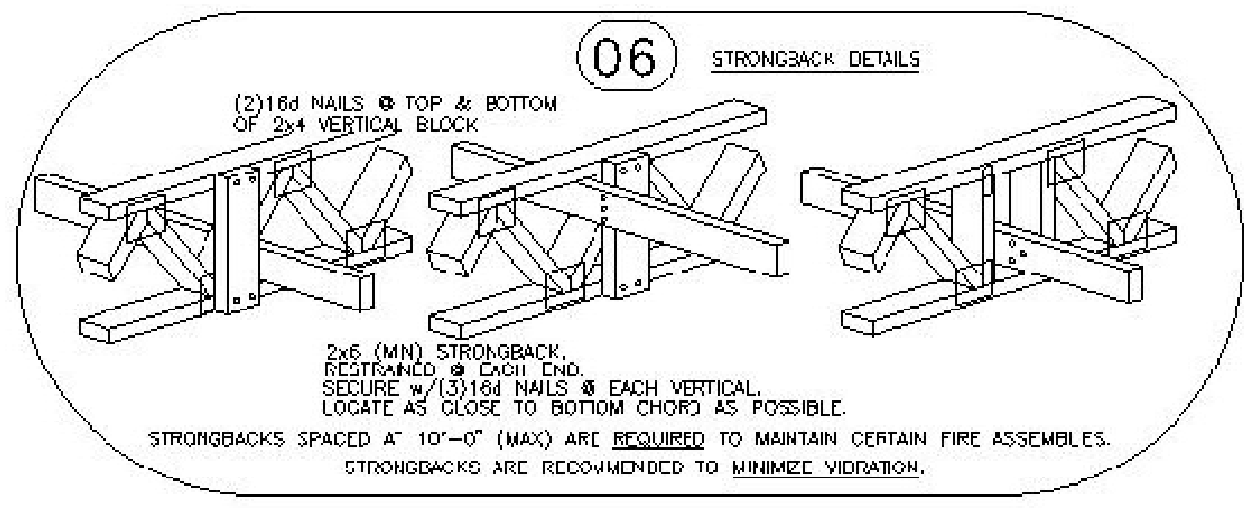
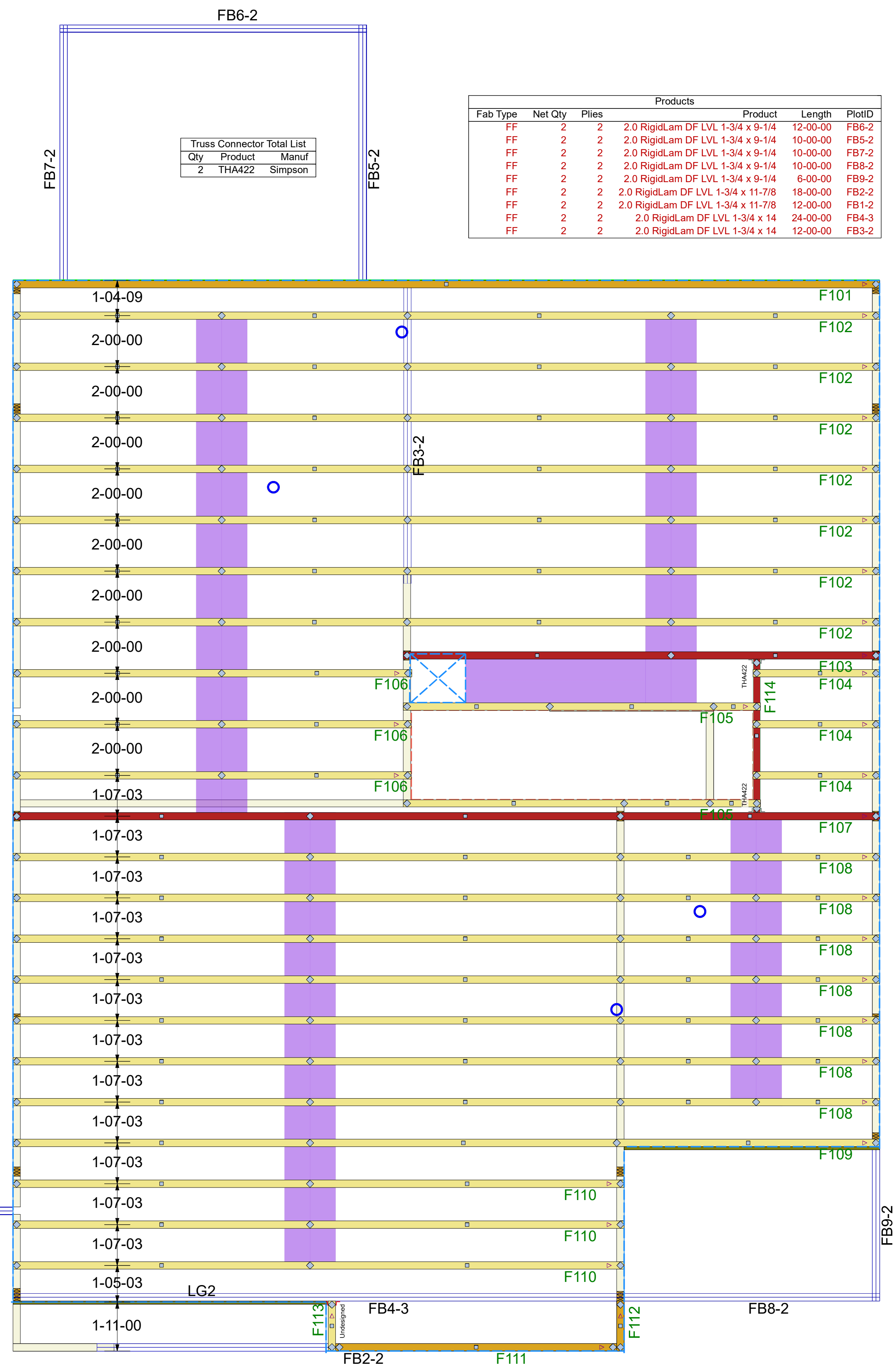


CRH Homes LLC
Lincoln A - GL - Floor
FLOOR PLACEMENT PLAN

Scale: NTS
Date: 5/29/2024
Designer: Unassigned
Project Number: 24050001-A
Sheet Number: 1/1

Products						
Fab Type	Net Qty	Pieces	Product	Length	PlotID	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	12-00-00	FB6-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	10-00-00	FB5-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	10-00-00	FB7-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	10-00-00	FB8-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	6-00-00	FB9-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	18-00-00	FB2-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	12-00-00	FB1-2	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 14	24-00-00	FB4-3	
FF	2	2	2.0 RigidLam DF LVL 1-3/4 x 14	12-00-00	FB3-2	

Truss Connector Total List		
Qty	Product	Manuf
2	THA422	Simpson



** FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS ** DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT. ** ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS. **

** TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE. ** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH. ** GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS. **

** TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS. ** PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES. ** REFER TO FINAL TRUSS ENGINEERING SHEETS FOR PLY TO PLY CONNECTIONS. **

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Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

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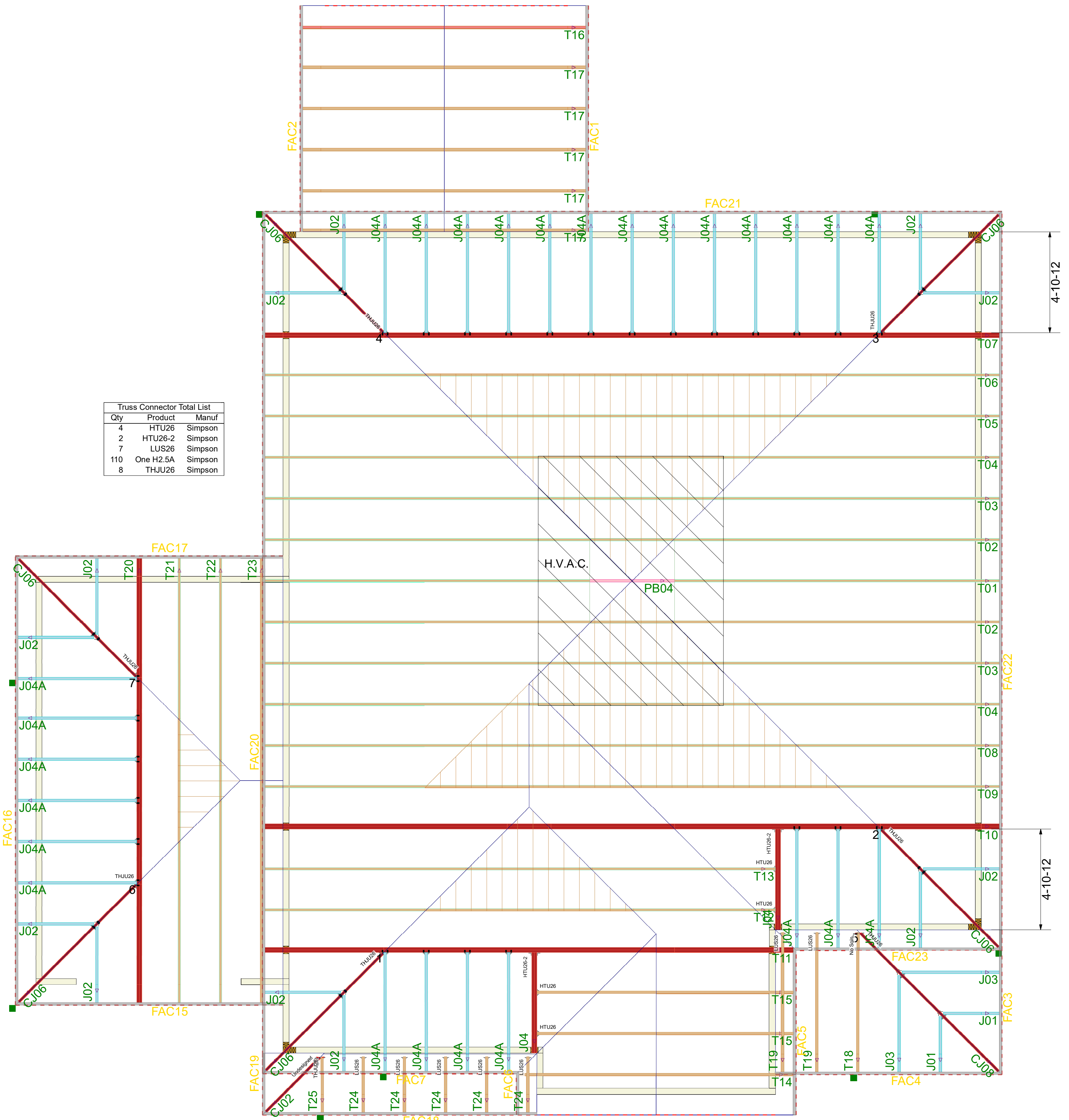


CRH Homes LLC
 Lincoln A - GLH - Roof
ROOF PLACEMENT PLAN

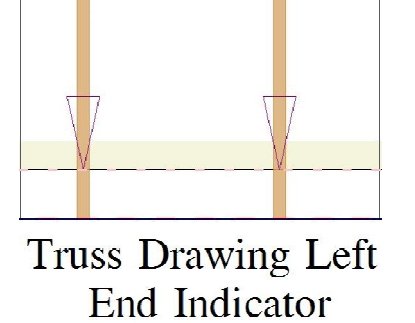
Scale: NTS
 Date: 5/29/2024
 Designer: Unassigned
 Project Number: 24050001-A
 Sheet Number:

1/1

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Truss Connector Total List		
Qty	Product	Manuf
4	HTU26	Simpson
2	HTU26-2	Simpson
7	LUS26	Simpson
110	One H2.5A	Simpson
8	THJU26	Simpson



** GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS. ** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH. ** ALL UPLIFT CONNECTORS SHOWN WITHIN THESE DOCUMENTS ARE RECOMMENDATIONS ONLY. PER ANS/ITPI 1, ALL UPLIFT CONNECTORS ARE THE RESPONSIBILITY OF THE BLDG. DESIGNER AND/OR CONTRACTOR.

** TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS.

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