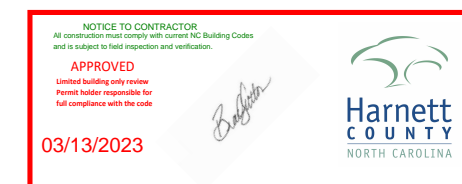


PLAN:  
Menger

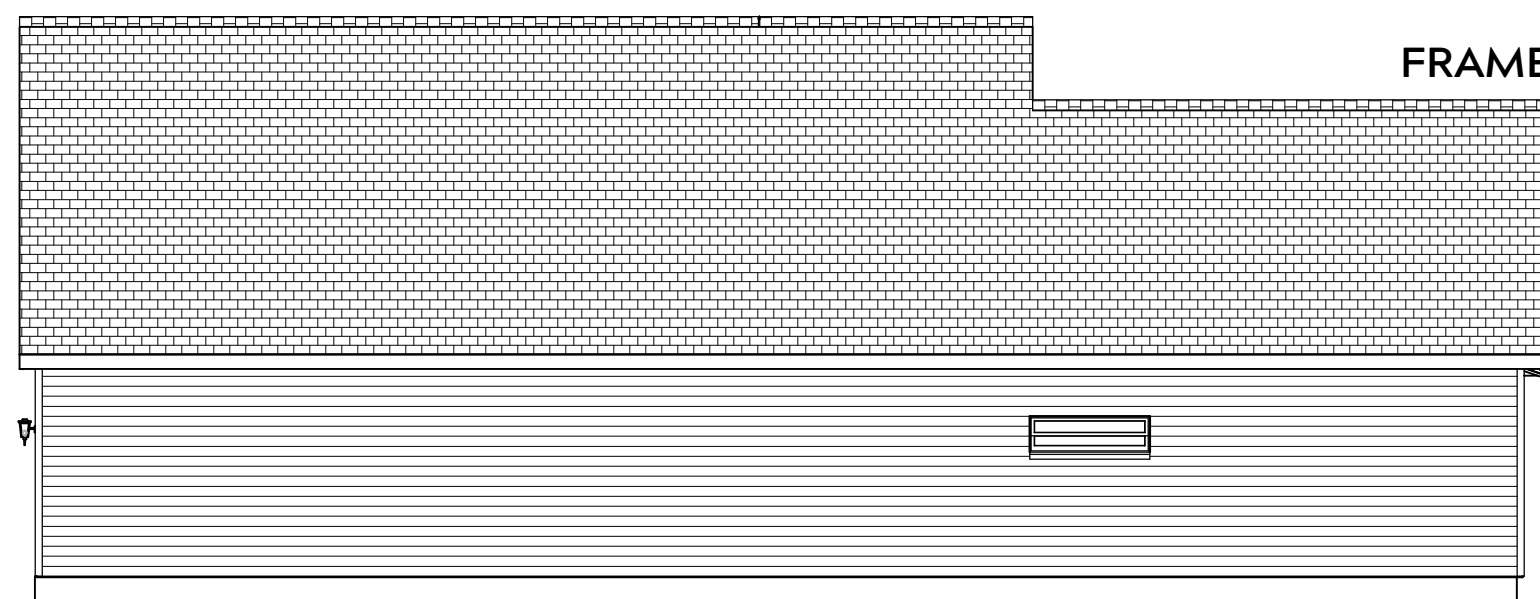


**FRONT ELEVATION**

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR  
(HEADER HEIGHT 7'6")  
8'0" CEILING HEIGHT SECOND FLOOR  
(HEADER HEIGHT 7')

FRAME WINDOWS TO HEADER HEIGHT



**LEFT ELEVATION**

Scale: 1/8" = 1'0"



**RIGHT ELEVATION**

Scale: 1/8" = 1'0"



**REAR ELEVATION**

Scale: 1/8" = 1'0"

SHEET TITLE:

**ELEVATIONS**

PROJECT ADDRESS:  
108 Edes Ct. (Lot 17)

DESIGNED BY:

Precision Custom Homes  
Raeford, NC  
Shaun@PrecisionCustomHomesNC.com

DATE:

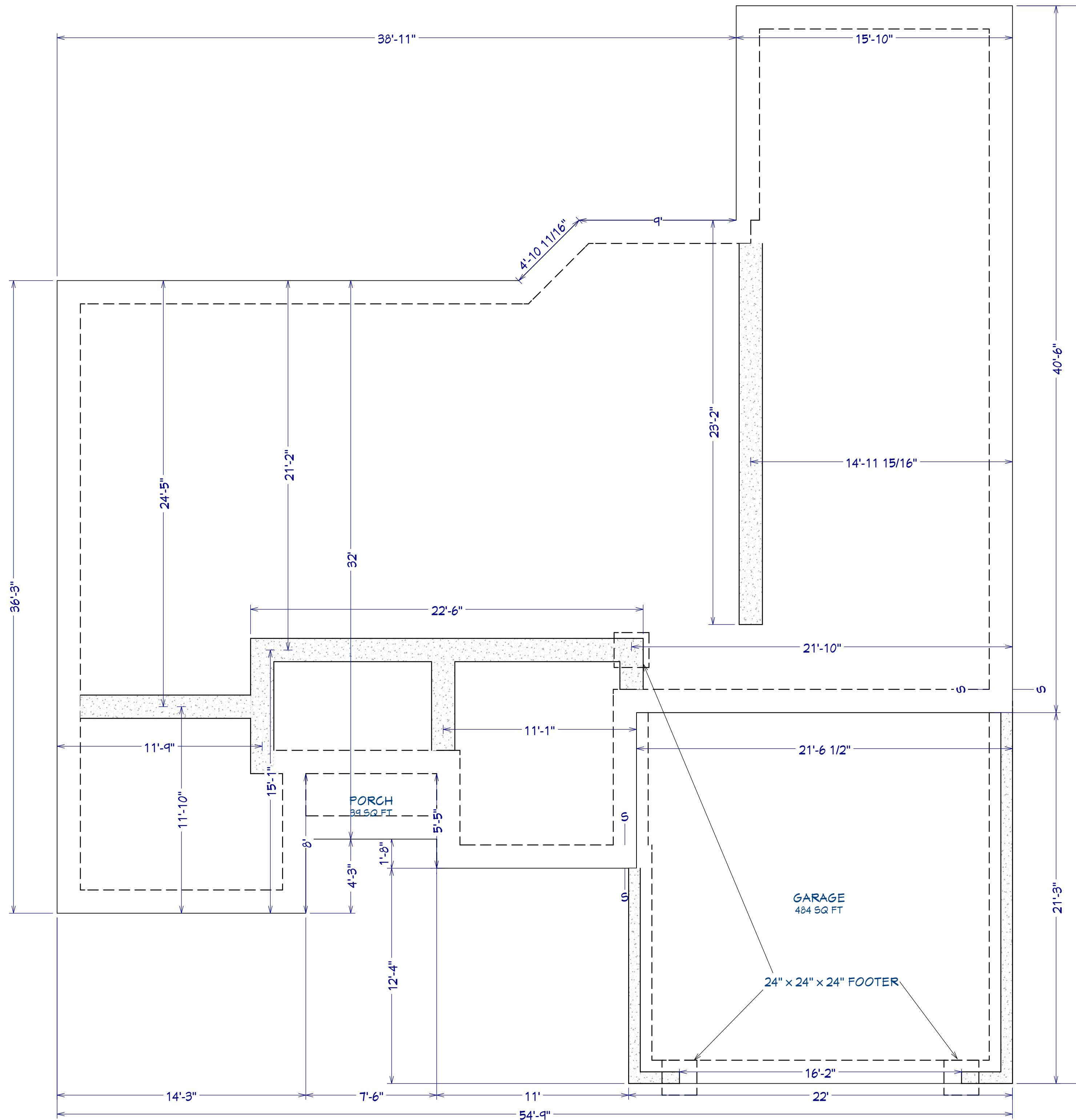
2/28/23

SCALE:

1/4" = 1'

SHEET:

**A-1**



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,950 SF
2nd FLOOR	424 SF
<hr/>	
GARAGE	467 SF
FRONT PORCH	28 SF
<hr/>	
TOTAL HEATED	2,314 SF
<hr/>	
TOTAL UNDER ROOF	2,869 SF

**FOUNDATION PLAN**  
Scale: 1/4" = 1'0"

PLAN:  
Menger

SHEET TITLE:  
**FOUNDATION**

PROJECT ADDRESS:  
108 Edes Ct. (Lot 17)

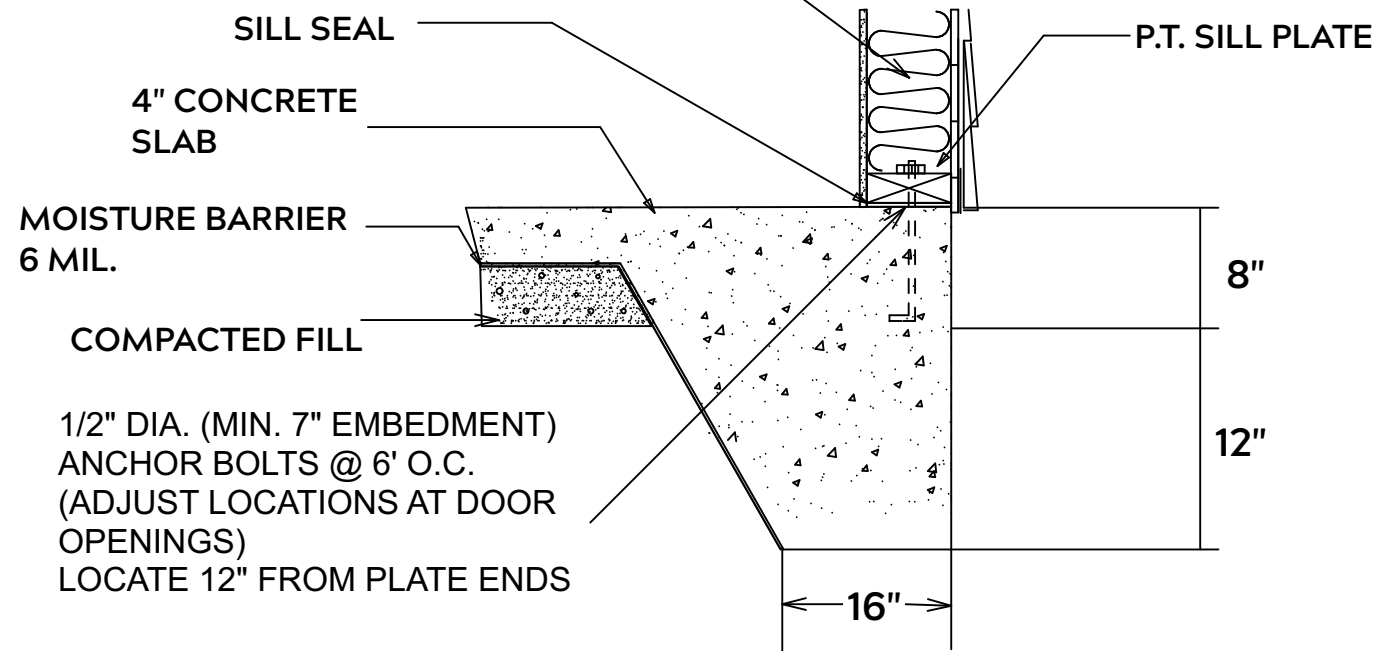
DESIGNED BY:  
Precision Custom Homes  
Rae ford, NC  
Shaun@PrecisionCustomHomesNC.com

DATE:  
2/28/23

SCALE:  
1/4" = 1'

SHEET:  
**A-2**

2 X STUDS @ 16" O.C.  
INSULATION TO MEET LOCAL  
CODES



**MONOLITHIC SLAB**

**FOUNDATION NOTES:**

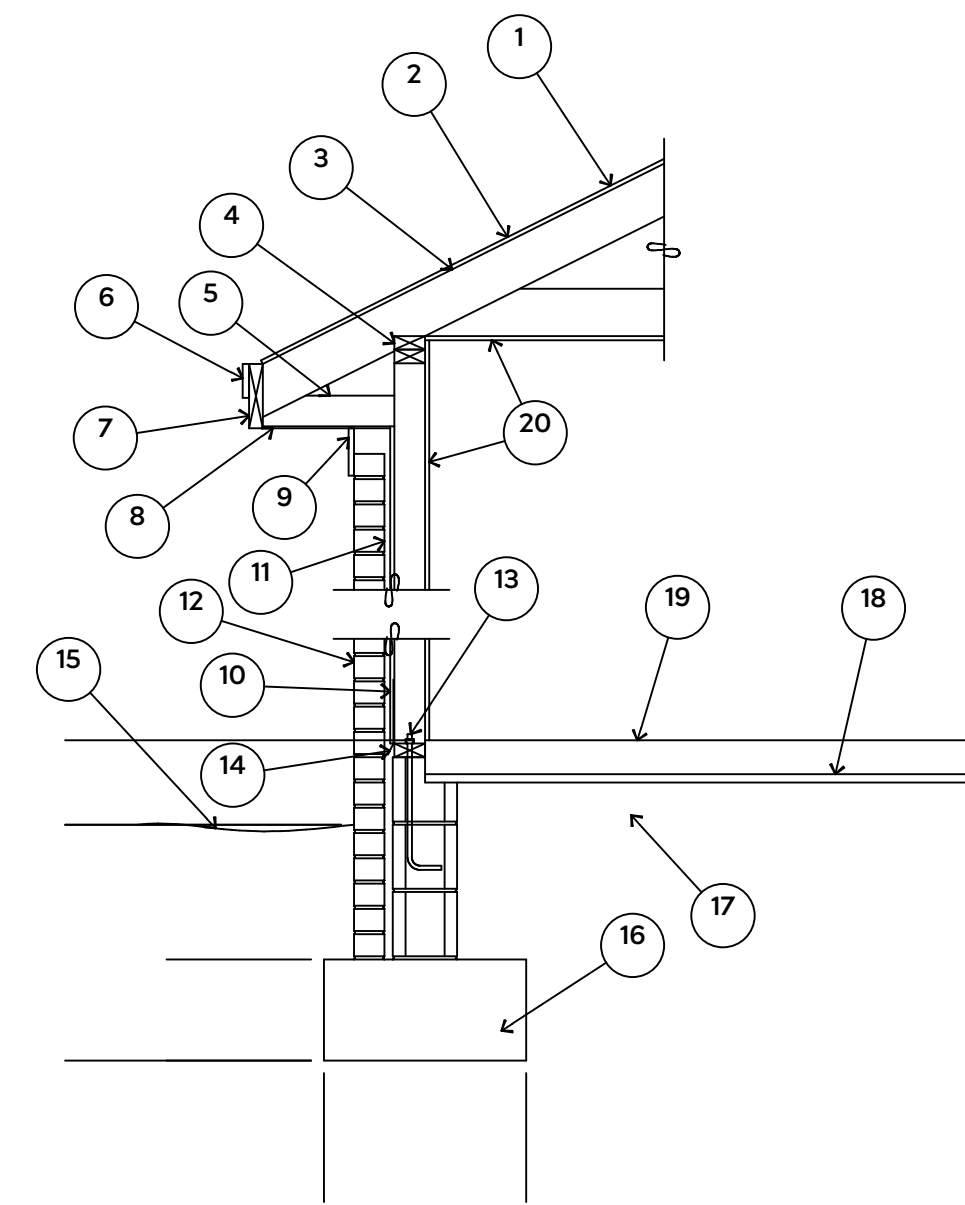
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL  
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMTER DRAINS AS REQUIRED

FOOTING WIDTHS ARE BASED ON A LOAD BEARING SOIL CAPACITY OF 2000 PSI

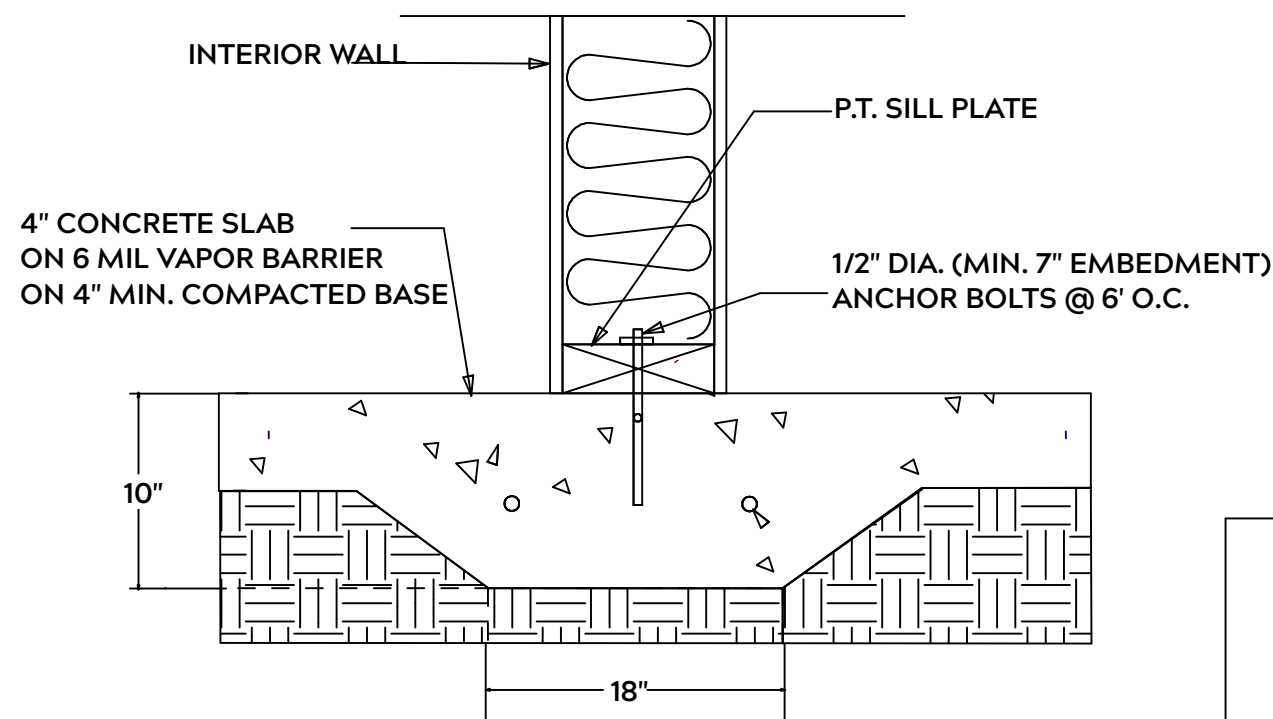
PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND IN CRAWL SPACE AND GROUND UNDER POURED CONCRETE

ALL ANCHOR BOLTS TO BE 1/2" X 12" LONG. ANCHOR BOLTS SHALL BE SPACED AT A MAXIMUM OF 6' ON CENTER AND NO MORE THEN 1' FROM EACH CORNER



1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS / ENGINEERED TRUSSES
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA OR PVC TRIM COIL
7. 2 X FASCIA
8. 1/4" PLYWOOD OR VINYL SOFFIT
9. 1 X FRIEZE BOARD (TO BE USED WITH BRICK VENEERS)
10. INSULATION BOARD OR HOUSE WRAP
11. AIR SPACE.
12. BRICK WITH BRICK TIES PER MANUFACTURER'S SPECIFICATIONS.
13. 1/2" X 12" ANCHOR BOLTS, 6'-0" O.C., 12" FROM CORNERS.
14. FLASHING WITH WEEP HOLES @ 48" O.C.
15. FINISHED GRADE.
16. FOOTING
17. COMPACTED EARTH FILL.
18. 6 MIL. VAPOR BARRIER
19. 4" CONCRETE SLAB, 3,000 P.S.I. WITH 6" X 6" 10 GA. X 10 GA. WELDED WIRE FABRIC.
20. 1/2" GYPSUM BOARD.

**EXTERIOR WALL SECTION**



**LUG FOOTING**

**GENERAL FRAMING NOTES:**

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALLE BE PRESSURE TREATED

FRAMING LUMBER SHALL BE SYP #2 GRADE AND / OR SPRUCE PINE FIR #1 AND / OR KILN DRIED

WHERE PRE-ENGINEERED JOISTS AND TRUSSES ARE USED, MANUFACTURER SHALL PROVIDE DRAWINGS / SCHEMATICS, WHICH SHALL BEAR 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 MEMBER TO ITS ORIGINAL CAPACITY

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" O.C. AND USE 3 X 16d NAILS 2" IN AT EACH END.

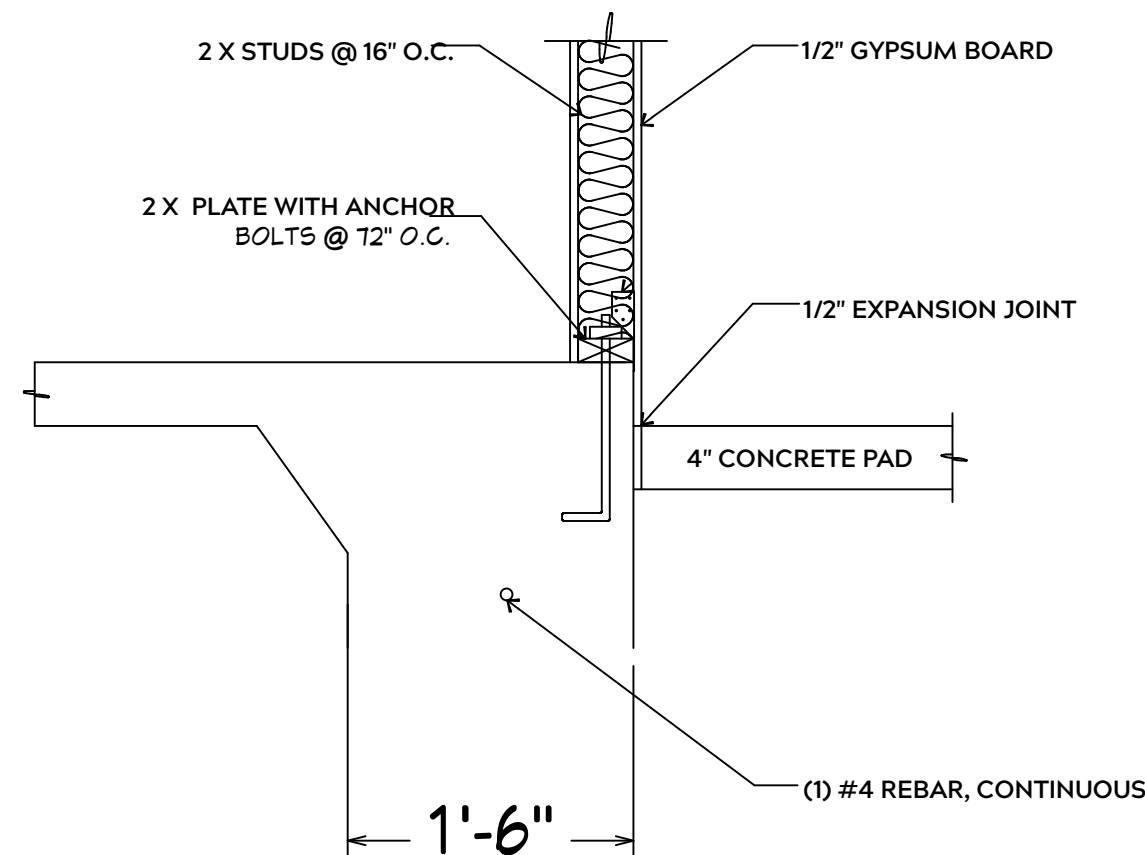
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

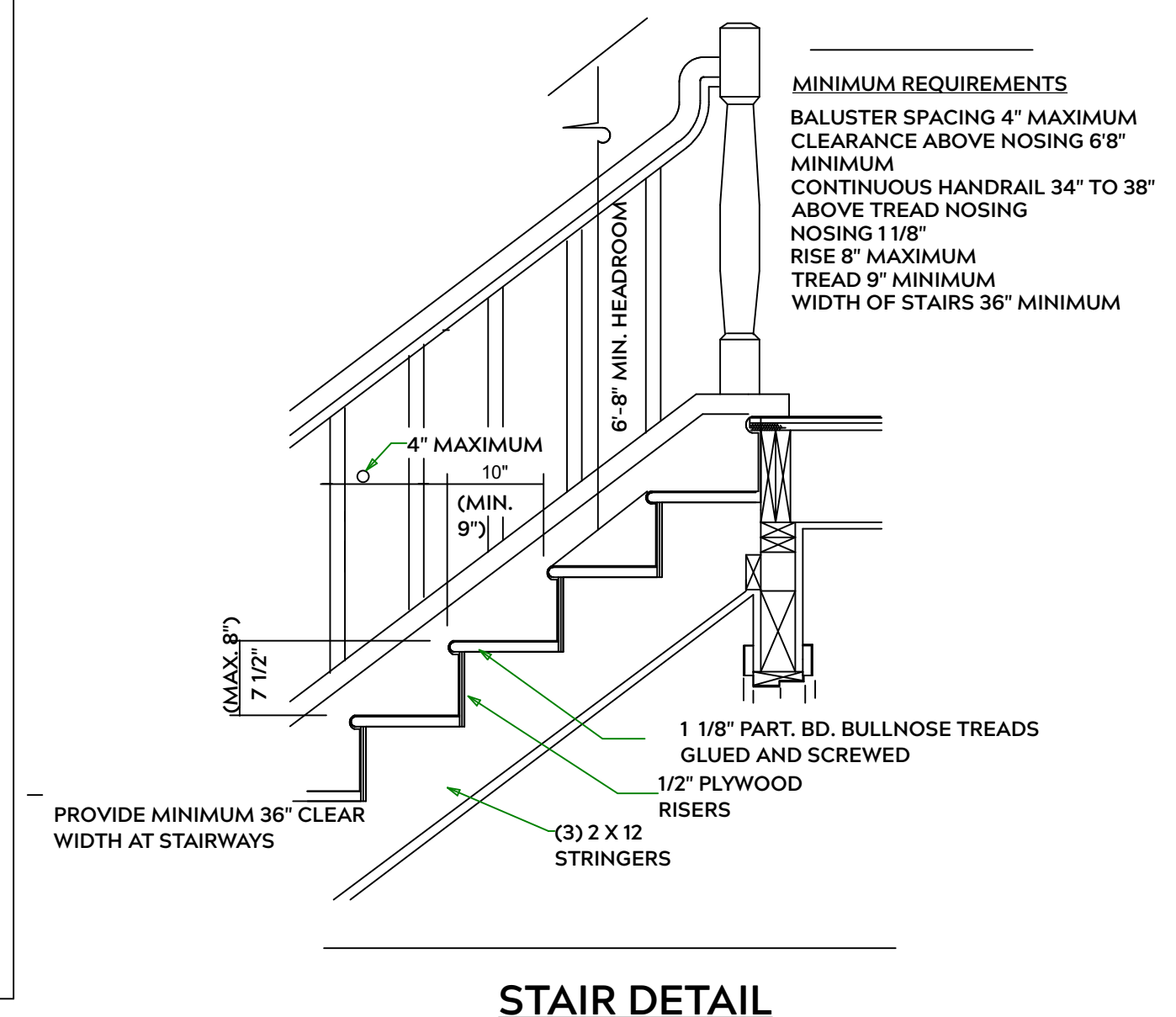
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

LVL'S TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)



**INTERIOR WALL @ GARAGE STEP DOWN**



**STAIR DETAIL**

PLAN:  
Menger

SHEET TITLE:  
**DETAIL SHEETS**

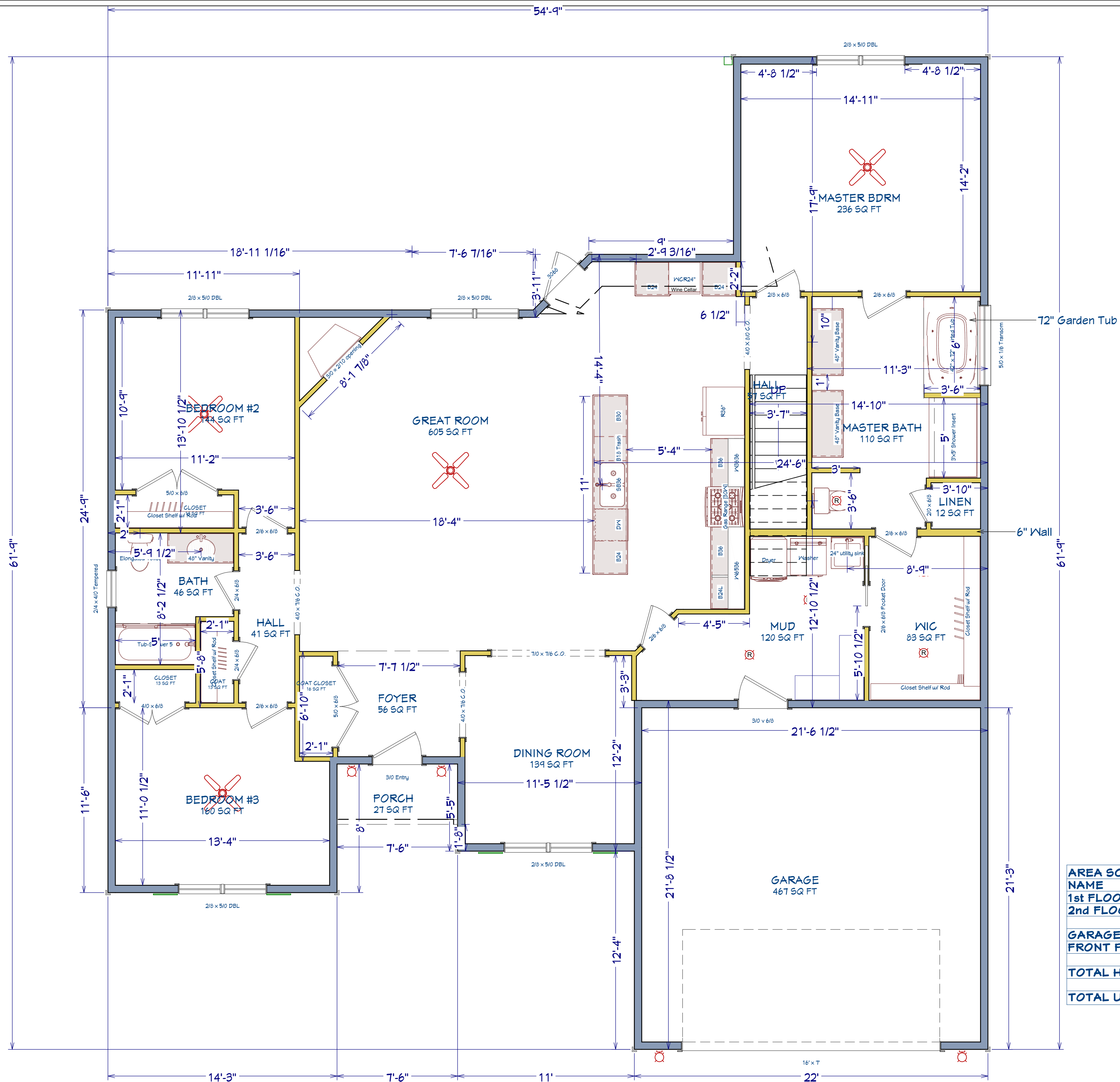
PROJECT ADDRESS:  
108 Edes Ct. (Lot 17)

DESIGNED BY:  
Precision Custom Homes  
Rae ford, NC  
Shaun@PrecisionCustomHomesNC.com

DATE:  
2/28/23

SCALE:  
1/4" = 1'

SHEET:  
**A-3**



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,950 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
<b>TOTAL HEATED</b>	<b>2,374 SF</b>
<b>TOTAL UNDER ROOF</b>	<b>2,869 SF</b>

PLAN:  
Menger

SHEET TITLE:  
**1st FLOOR**

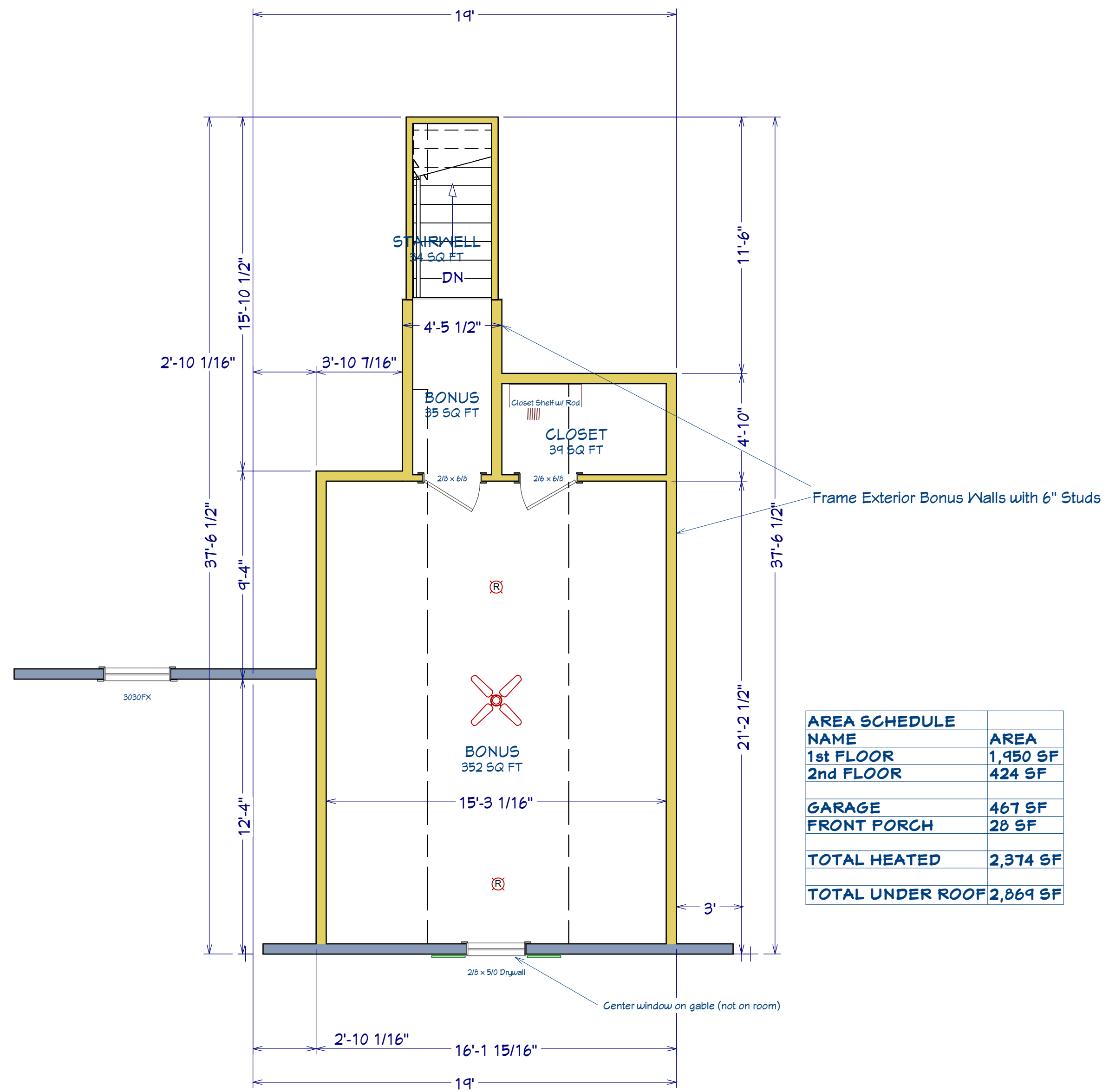
PROJECT ADDRESS:  
108 Edes Ct. (Lot 17)

DESIGNED BY:  
Precision Custom Homes  
Raeferd, NC  
Shaun@PrecisionCustomHomesNC.com

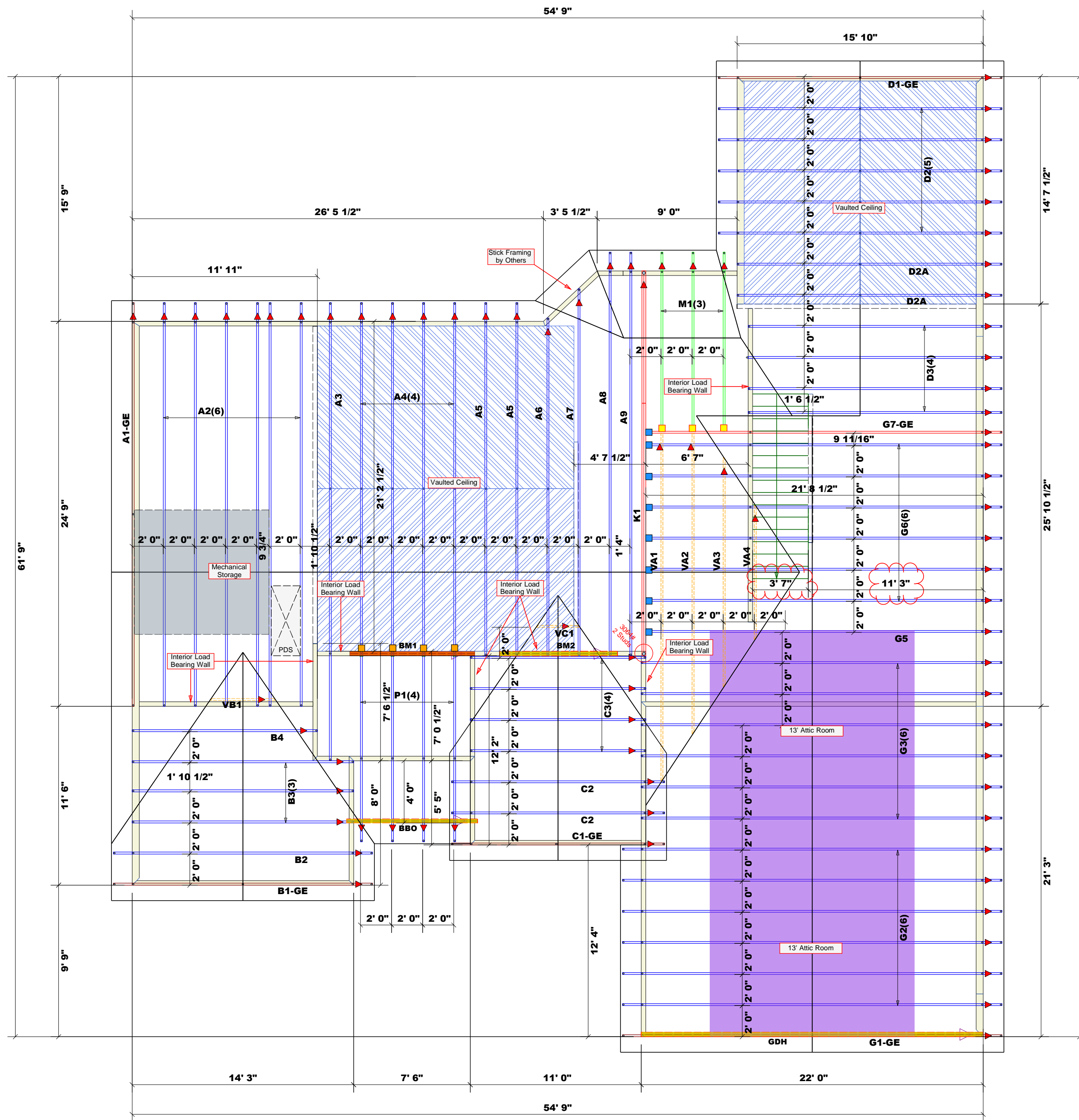
DATE:  
2/28/23

SCALE:  
1/4" = 1'

SHEET:  
**A-4**



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,950 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
TOTAL HEATED	2,374 SF
TOTAL UNDER ROOF	2,869 SF



**Hatch Legend**

[Hatched Box]	Padded HVAC
[Diagonal Lines Box]	Vaulted Ceiling
[Orange Box]	Flush Beam
[Yellow Box]	Drop Beam

- Dimension Notes**
1. All exterior wall to wall dimensions are to face of stud unless noted otherwise
  2. All interior wall dimensions are to face of stud unless noted otherwise
  3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

Roof Area = 3674.64 sq.ft.  
 Ridge Line = 141.05 ft.  
 Hip Line = 6.29 ft.  
 Horiz. OH = 206.16 ft.  
 Raked OH = 184.91 ft.  
 Decking = 126 sheets

All Walls Shown Are Considered Load Bearing

▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing) Do Not Erect Trusses Backwards

1 Truss Placement Plan Scale: 3/16"=1'

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	9' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM2	8' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
[Blue Box]	HUS26	USP	8	Varies	16d/3-1/2" / 16d/3-1/2"
[Yellow Box]	JUS24	USP	3	Varies	10d/3" / 10d/3"
[Orange Box]	LSSH210	USP	4	Varies	10d/1-1/2" / 10d/1-1/2"

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

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

**LOAD CHART FOR JACK STUDS**  
 (BASED ON TABLES R502.5(1) & (2))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS

IRG REACTION (UP TO) (DOWN TO) (TOTAL) HEADER	IRG REACTION (UP TO) (DOWN TO) (TOTAL) HEADER	IRG REACTION (UP TO) (DOWN TO) (TOTAL) HEADER
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

<b>BUILDER</b>	Precision Custom Homes
<b>JOB NAME</b>	17 Liberty Meadows
<b>PLAN</b>	Menger w/o CP
<b>SEAL DATE</b>	2/21/2023
<b>QUOTE #</b>	N/A
<b>JOB #</b>	J0223-0859

<b>COUNTY</b>	Harnett
<b>ADDRESS</b>	108 Edes Ct., Cameron, NC
<b>MODEL</b>	Roof
<b>DATE REV.</b>	2/24/2023
<b>DRAWN BY</b>	Neil Baggett
<b>SALESMAN</b>	Neil Baggett

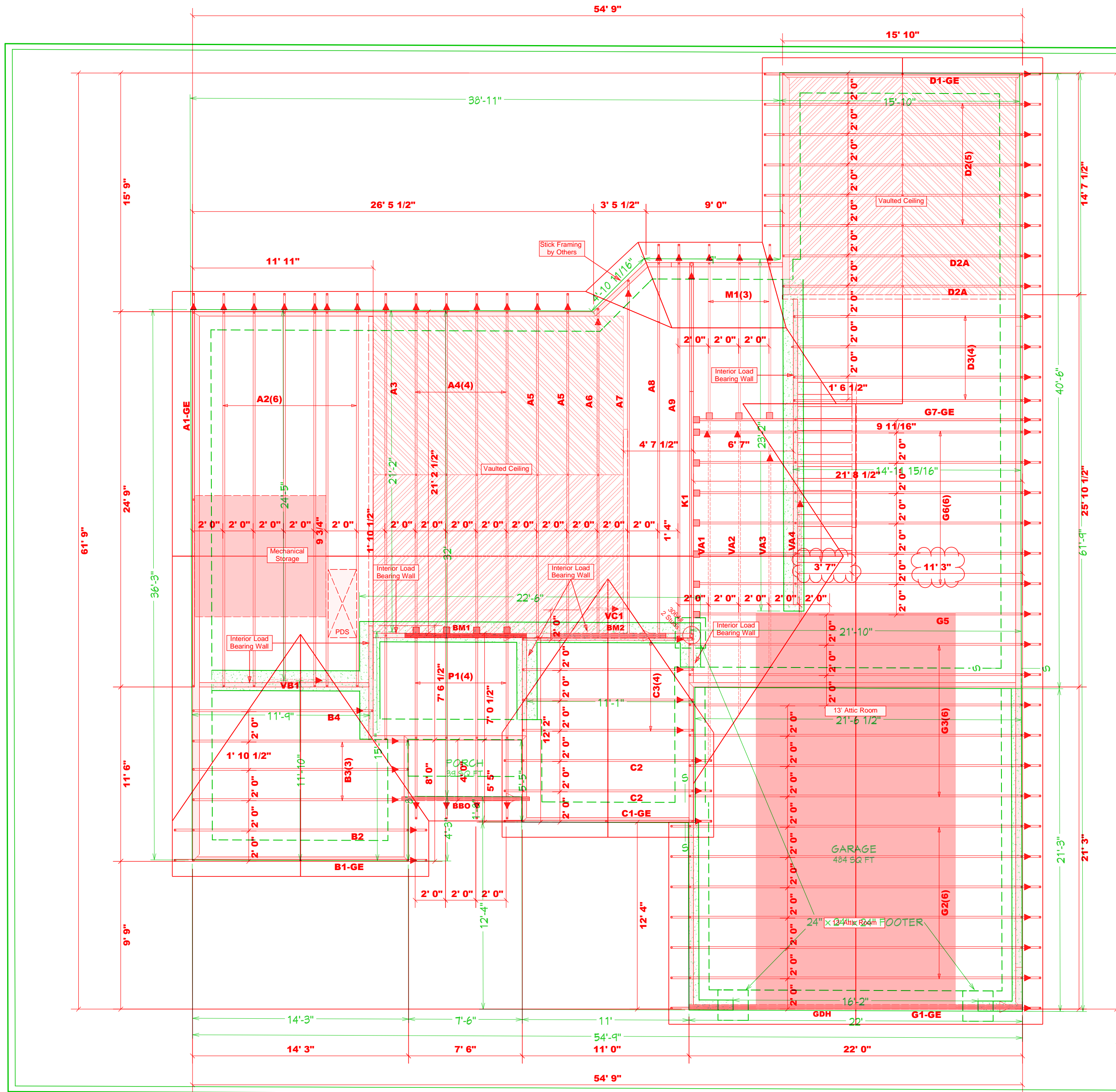
**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.**  
 These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer 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 BCS-81 and BCS-83 provided with the truss delivery package or online @ sbcondustry.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: \_\_\_\_\_  
**Neil Baggett**

**ROOF & FLOOR TRUSSES & BEAMS**

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



**PLAN:**

	Padded HVAC
	Vaulted Ceiling
	Flush Beam
	Drop Beam

**Dimension Notes**

- All exterior wall to wall dimensions are to face of stud unless noted otherwise
- All interior wall dimensions are to face of stud unless noted otherwise
- All exterior wall to truss dimensions are to face of stud unless noted otherwise

Roof Area = 3674.64 sq.ft.  
 Ridge Line = 141.05 ft.  
 Hip Line = 6.29 ft.  
 Horiz. OF = 206.16 ft.  
 Raked OF = 184.91 ft.  
 Decking = 126 sheets

All Walls Shown Are Considered Load Bearing

▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing) Do Not Erect Trusses Backwards

1 Truss Placement Plan Scale: 3/16" = 1'

PlotID	Length	Product	Products	Piles	Net Qty	Fab Type
BM1	9' 0"	1-3/4" x 5/4"	VL Kerto-S	2	2	FF
BM2	8' 0"	1-3/4" x 5/4"	VL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4" x 7/8"	VL Kerto-S	2	2	FF

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Support Member	Header / Truss
	HUS26	USP	8	Varies	16d/3-1/2" 16d/3-1/2"
	JUS24	USP	3	Varies	10d/3" 10d/3"
	LSSH210	USP	64	Varies	10d/1-1/2" 10d/1-1/2"

**AREA SCHEDULE**

NAME	AREA
1st FLOOR	1,450 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
<b>TOTAL HEATED</b>	<b>2,374 SF</b>
<b>TOTAL UNDER ROOF</b>	<b>2,869 SF</b>

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

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

DATE: 2/28/23  
 SCALE: 1/4" = 1'  
 SHEET: A-2

**FOUNDATION PLAN**  
 Scale: 1/4" = 1'0"

**LOAD CHART FOR JACK STUDS**  
 (BASED ON TABLES R022.0(1) & (2))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEAD-TO-HEAD

REACTION (UP TO)	HEAD-TO-HEAD	REACTION (UP TO)	HEAD-TO-HEAD	REACTION (UP TO)	HEAD-TO-HEAD
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

<b>BUILDER</b>	Precision Custom Homes
<b>JOB NAME</b>	17 Liberty Meadows
<b>PLAN</b>	Menger w/o CP
<b>SEAL DATE</b>	2/21/2023
<b>QUOTE #</b>	N/A
<b>JOB #</b>	J0223-0859

<b>COUNTY</b>	Harnett
<b>ADDRESS</b>	108 Edes Ct., Cameron, NC
<b>MODEL</b>	Roof
<b>DATE REV.</b>	2/24/2023
<b>DRAWN BY</b>	Neil Baggett
<b>SALES MAN</b>	Neil Baggett

**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 BC-S-81 and BC-S-83 provided with the truss delivery package or online @ sbindustry.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: \_\_\_\_\_  
 Neil Baggett

**comTECH**

**ROOF & FLOOR TRUSSES & BEAMS**

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