

PLAN:
Menger

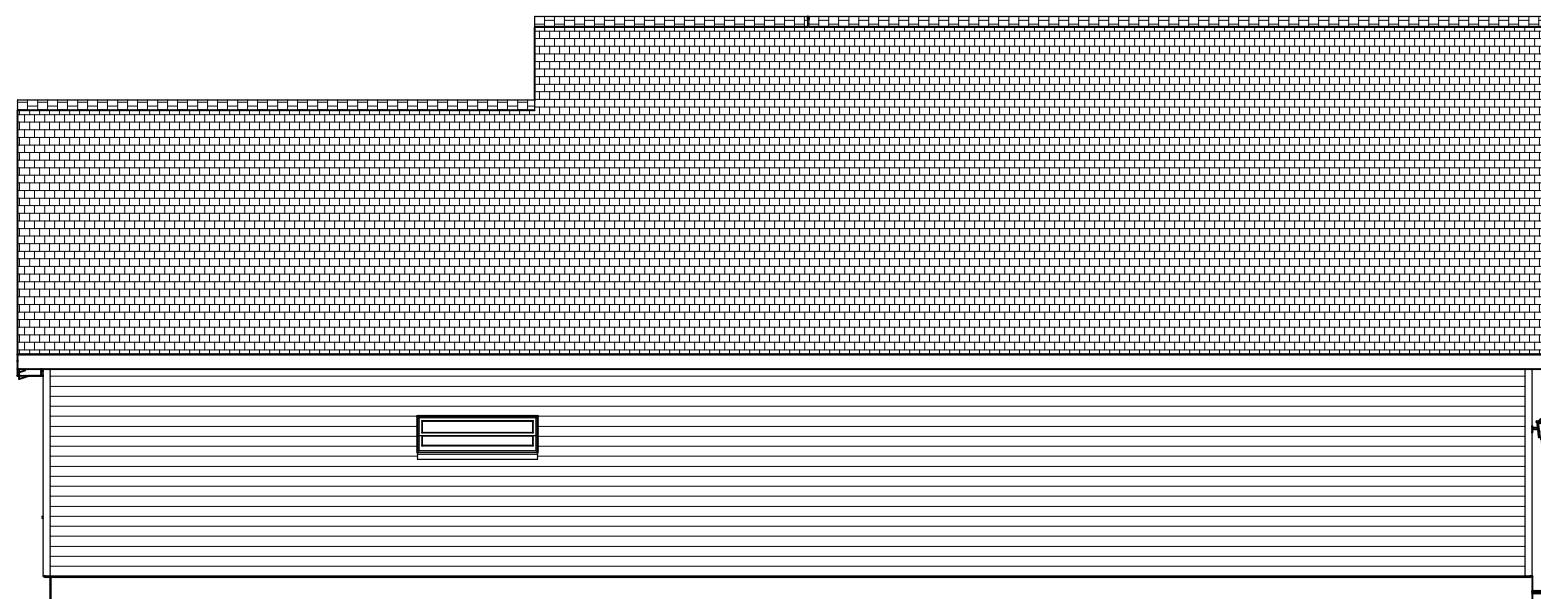
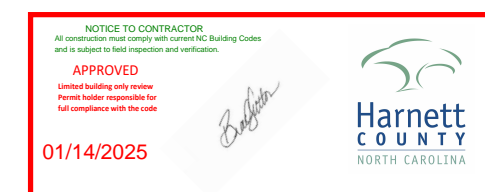


FRONT ELEVATION

Scale: 1/4" = 1'0"

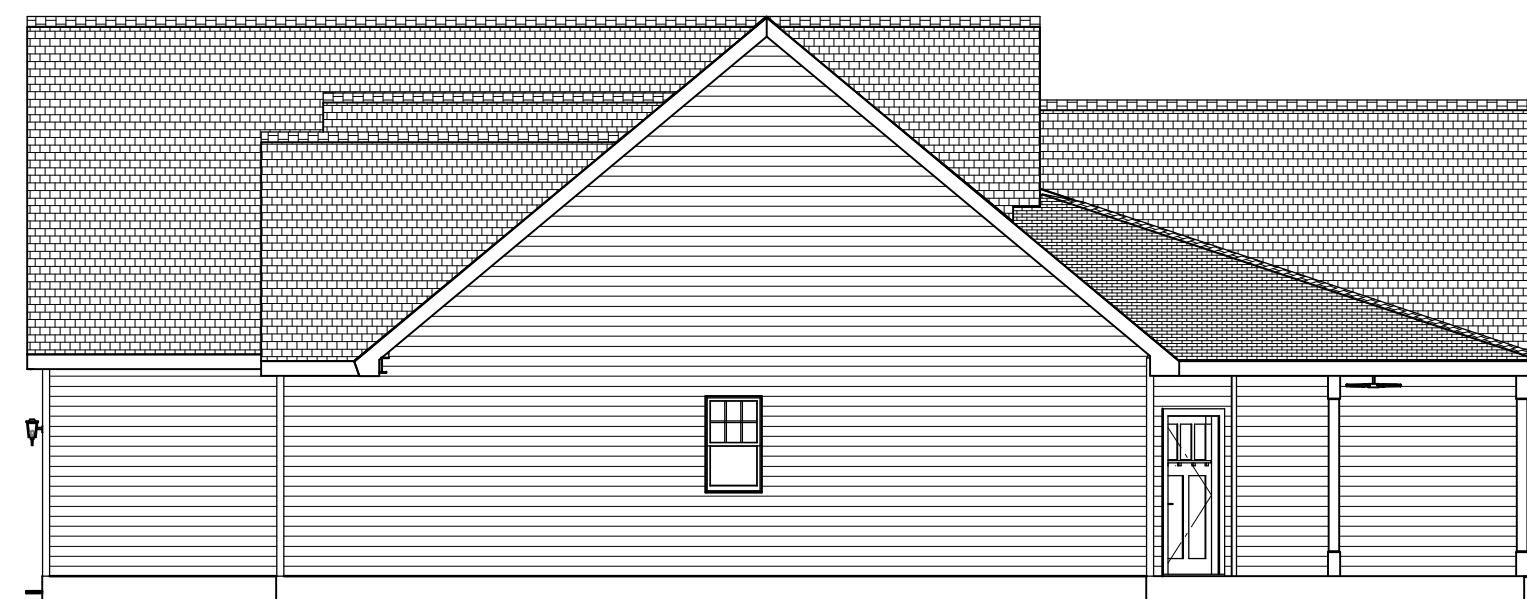
9'0" CEILING HEIGHT FIRST FLOOR
(HEADER HEIGHT 7'6")
8'0" CEILING HEIGHT SECOND FLOOR
(FRAME HEADERS TO TOP PLATES)

FRAME WINDOWS TO HEADER HEIGHT



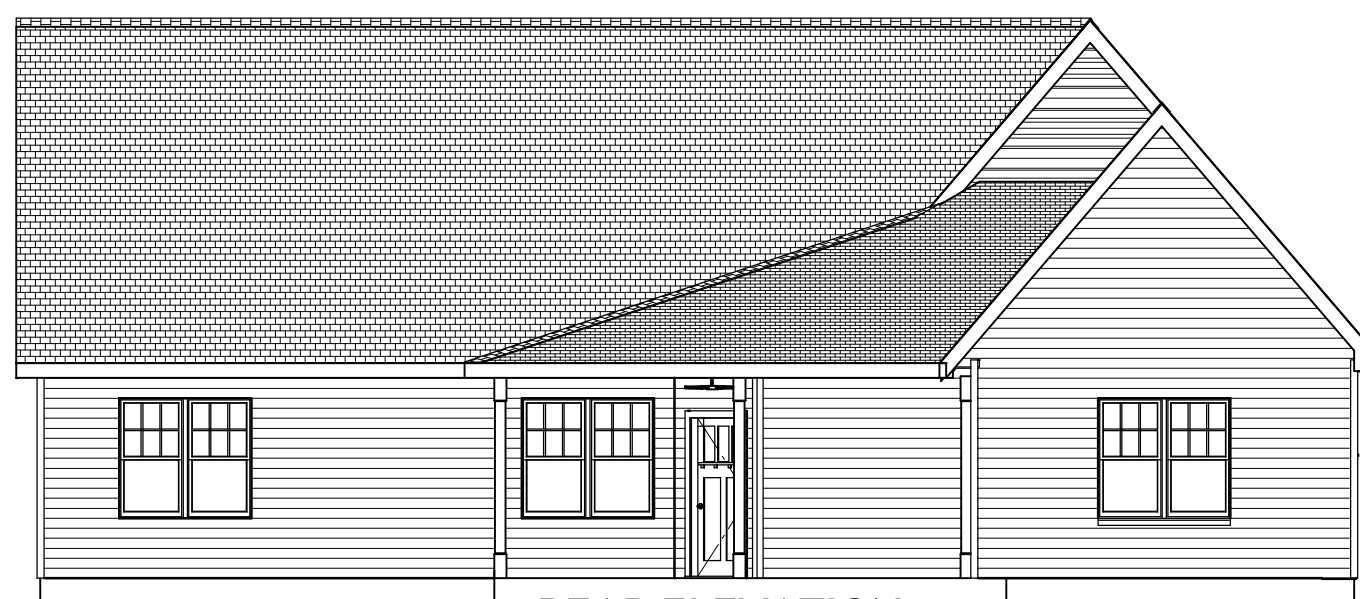
LEFT ELEVATION

Scale: 1/8" = 1'0"



RIGHT ELEVATION

Scale: 1/8" = 1'0"



REAR ELEVATION

Scale: 1/8" = 1'0"

SHEET TITLE:

ELEVATIONS

PROJECT ADDRESS:
137 Virginia Pine Dr.
Magnolia Hills Lot 71

DESIGNED BY:

Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:

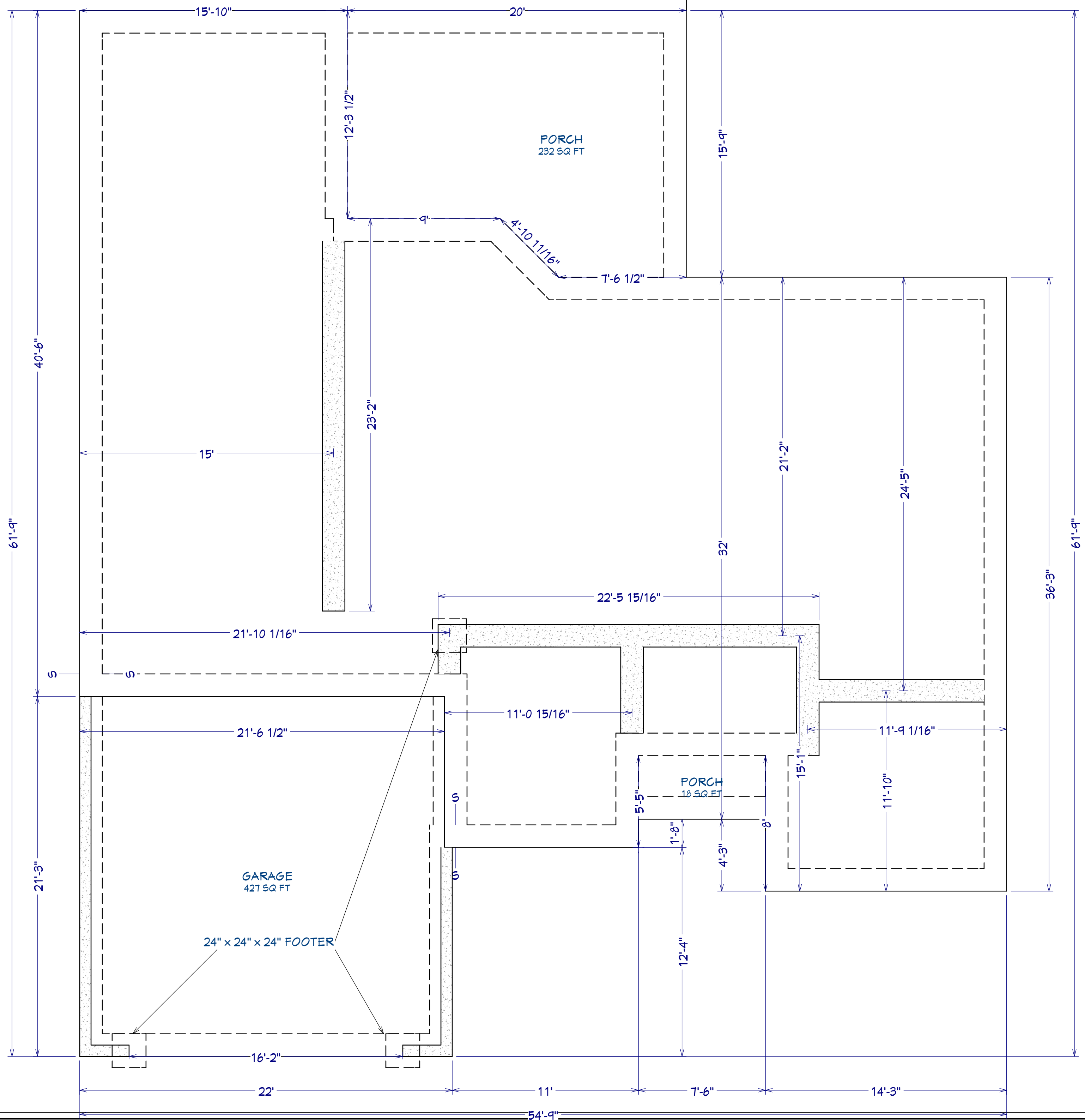
1/13/25

SCALE:

1/4" = 1'

SHEET:

A-1



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,950 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
BACK PORCH	275 SF
TOTAL HEATED	2,374 SF
TOTAL UNDER ROOF	3,144 SF

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

PLAN:
Menger

SHEET TITLE:
FOUNDATION

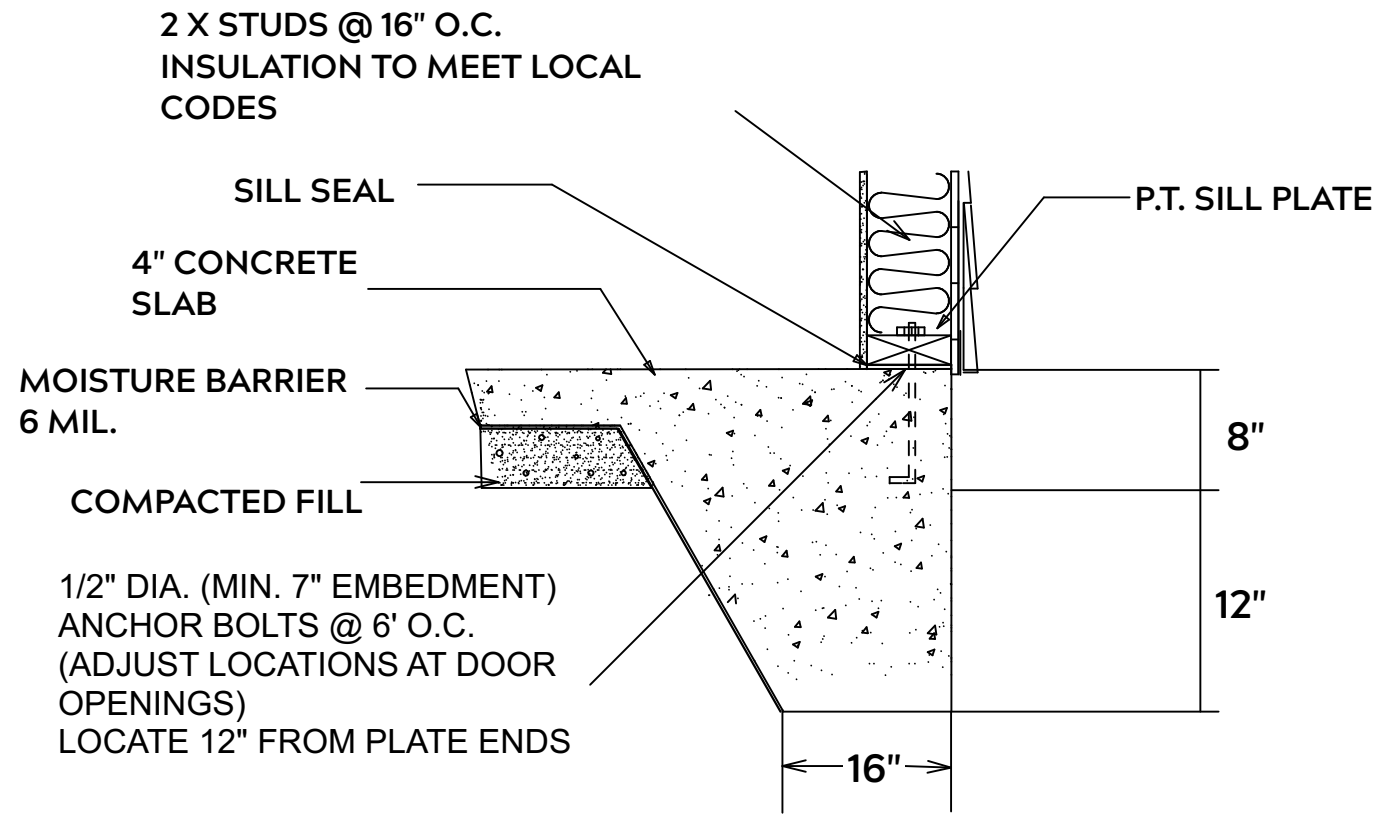
PROJECT ADDRESS:
137 Virginia Pine Dr.
Magnolia Hills Lot 71

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

DATE:
1/13/25

SCALE:
1/4" = 1'

SHEET:
A-2



MONOLITHIC SLAB

FOUNDATION NOTES:

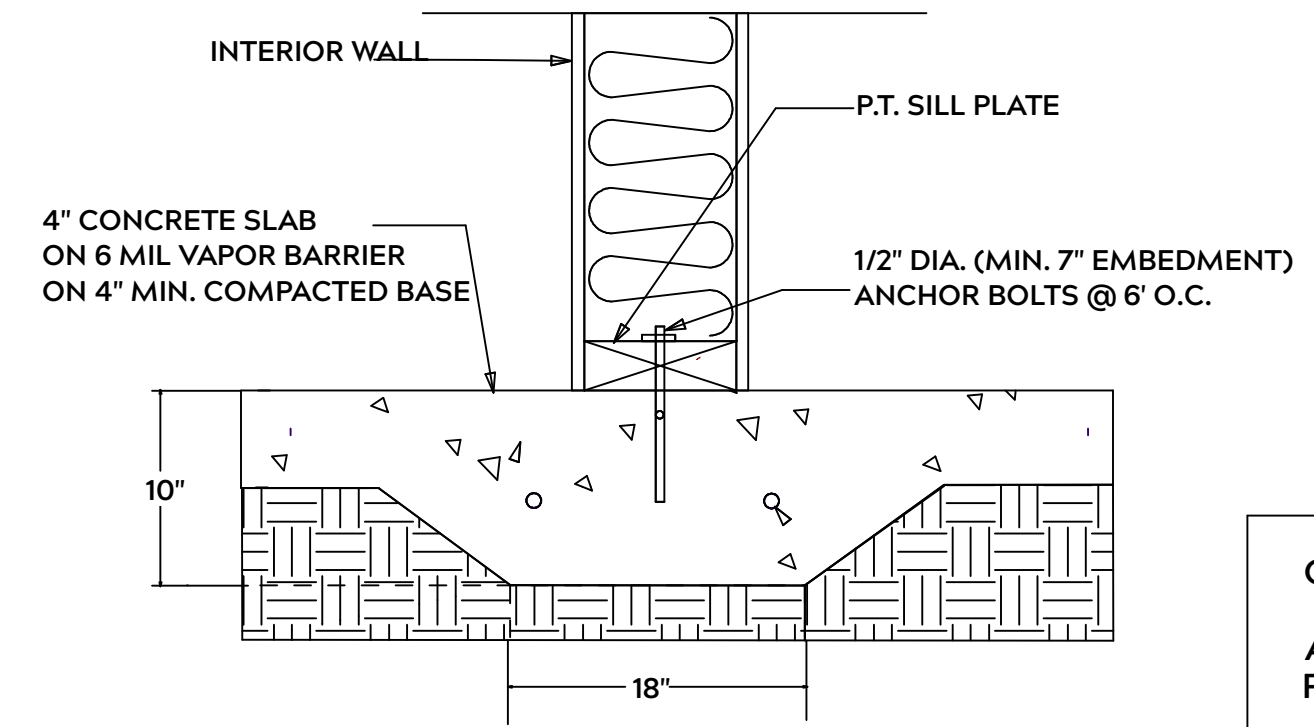
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

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



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.

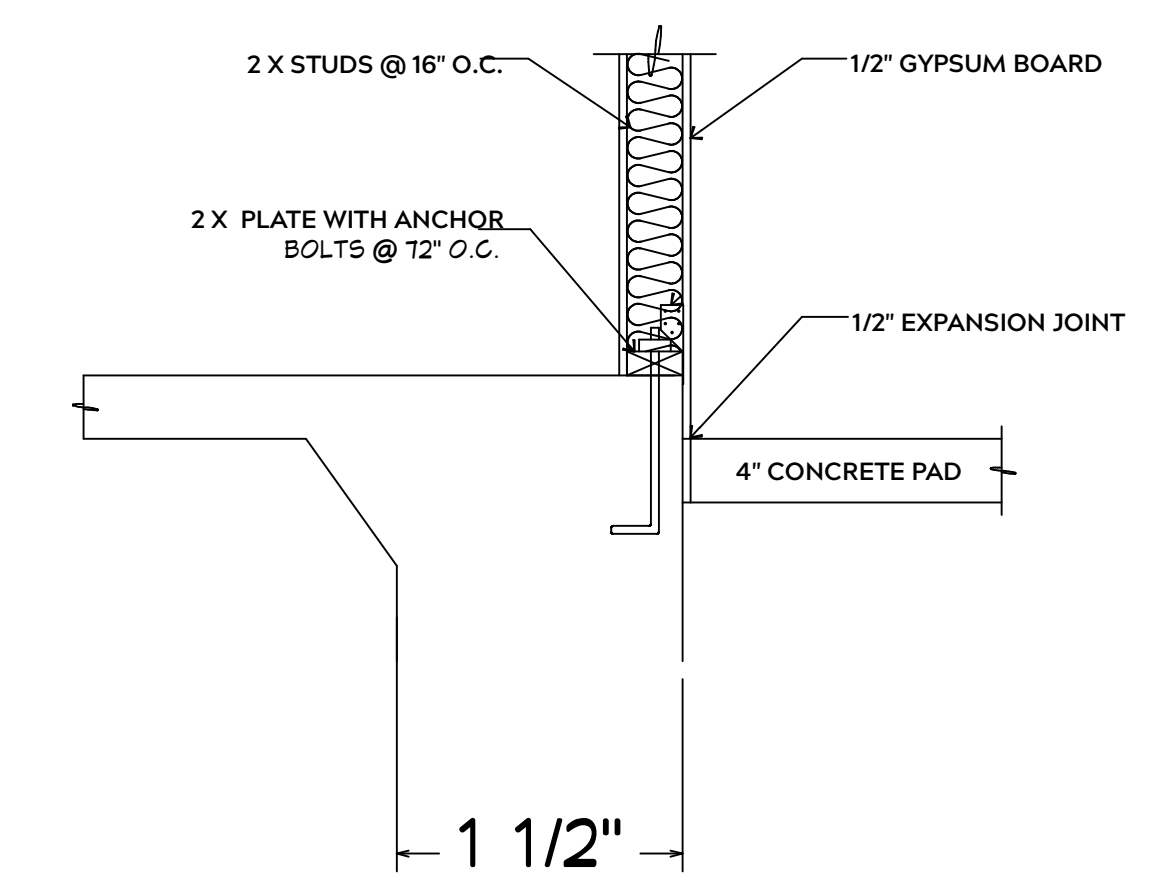
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

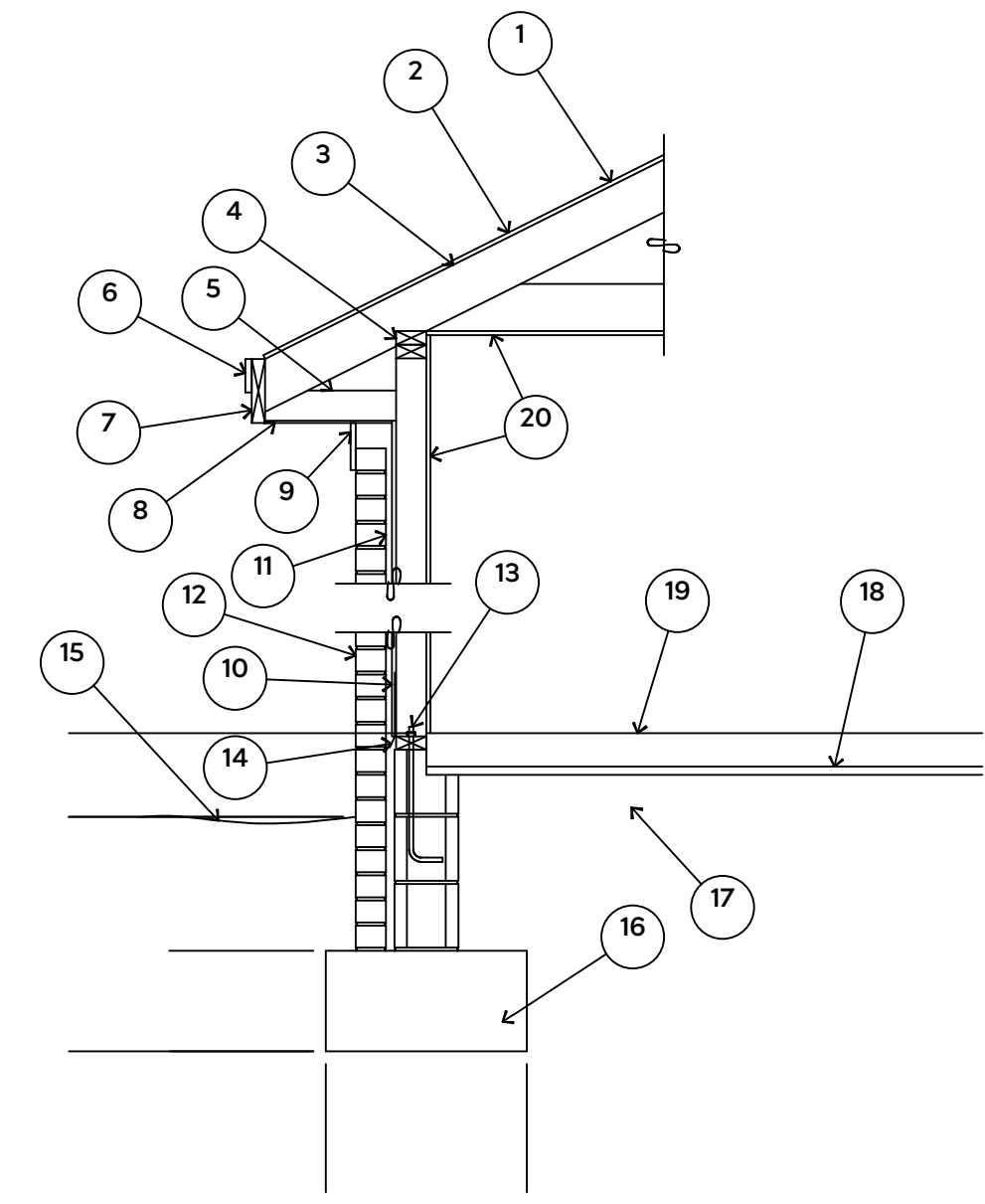
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

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)

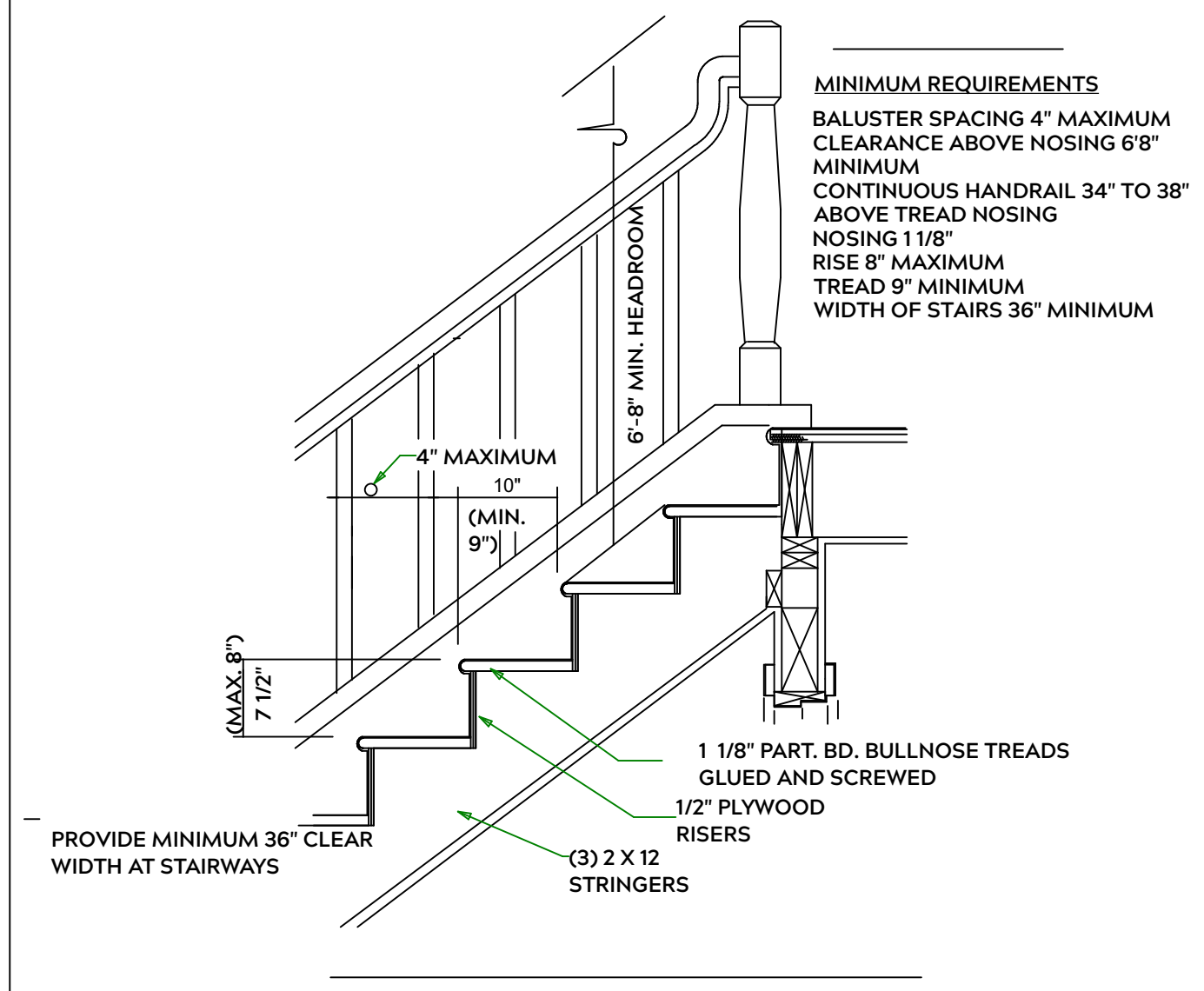


INTERIOR WALL @ GARAGE STEP DOWN

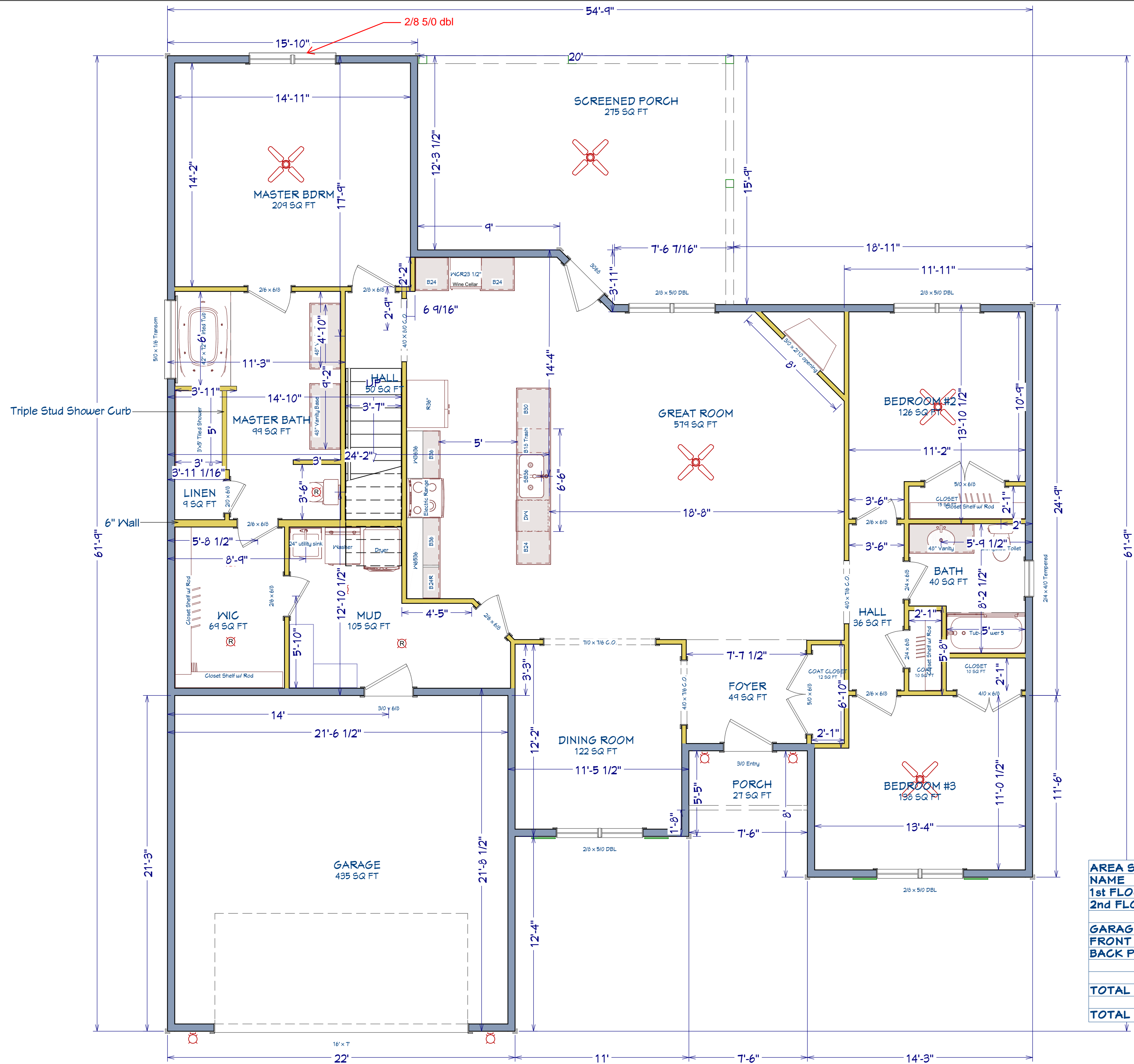


1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS / ENGINEERED TRUSSES
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA OR PVC TRIM COIL
7. 2 X FASCIA
8. 1/4" PLYWOOD OR VINYL SOFFIT
9. 1 X FREIZE BOARD (TO BE USED WITH BRICK VENEERS)
10. INSULATION BOARD OR HOUSE 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.

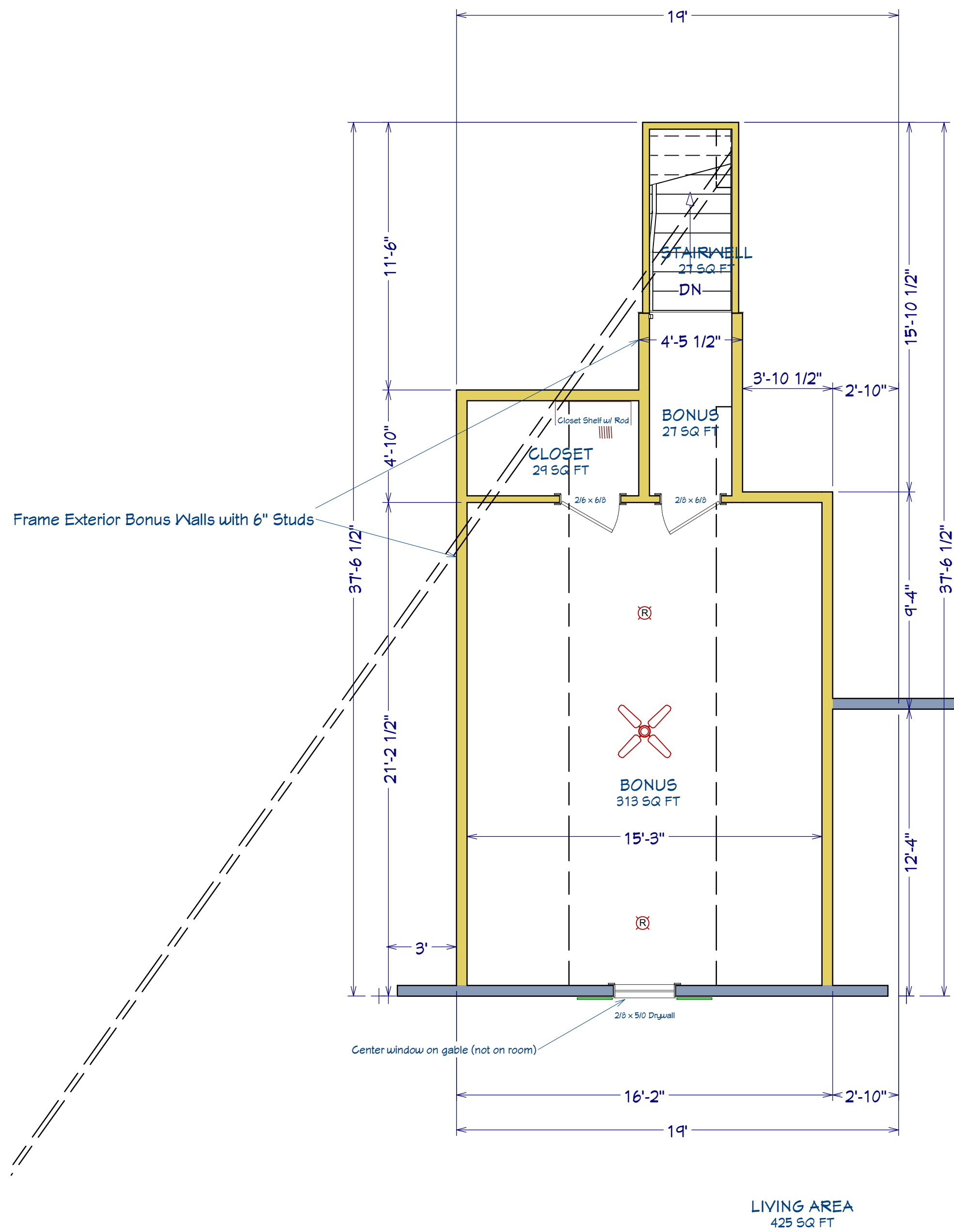
EXTERIOR WALL SECTION



STAIR DETAIL



AREA SCHEDULE NAME	AREA
1st FLOOR	1,950 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
BACK PORCH	275 SF
TOTAL HEATED	2,374 SF
TOTAL UNDER ROOF	3,144 SF



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SHEET TITLE:

2nd FLOOR

PROJECT ADDRESS:
137 Virginia Pine Dr.
Magnolia Hills Lot 71

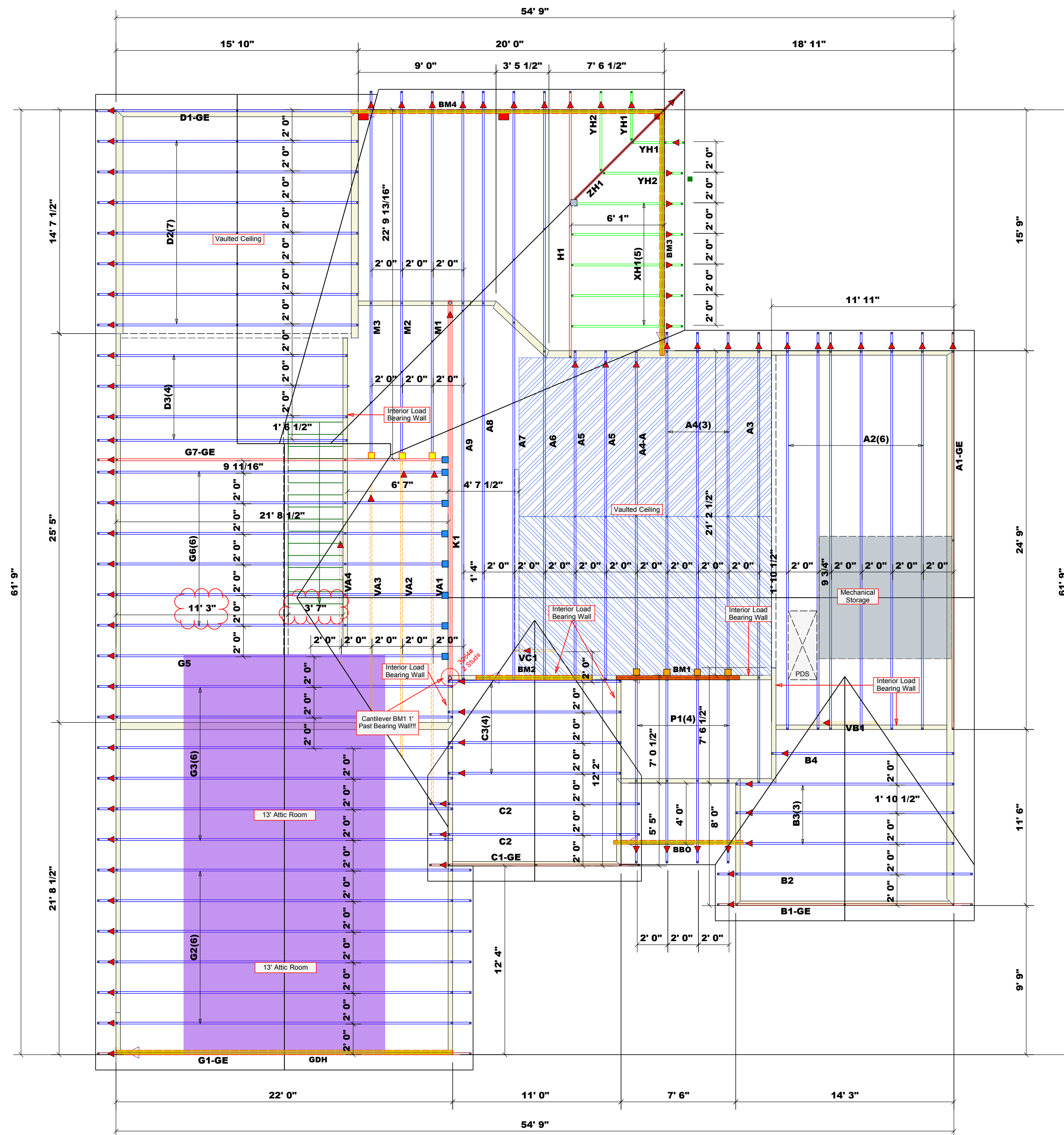
DESIGNED BY:
Precision Custom Homes
Raeferd, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
1/13/25

SCALE:
1/4" = 1'

SHEET:
A-5

2nd Floor



Hatch Legend	
	Padded HVAC
	Vaulted Ceiling
	Flush Beam
	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 = 3933.66 sq.ft.
 Ridge Line = 141.05 ft.
 Hip Line = 33.43 ft.
 Horiz. OH = 228.43 ft.
 Raked OH = 185.86 ft.
 Decking = 135 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 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
BM3	16' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM4	22' 0"	2x12 SP No.2	2	2	FF

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HJC26	USP	1	Varies	16d/3-1/2"	10d/3"
	HUS26	USP	8	Varies	16d/3-1/2"	16d/3-1/2"
	JUS24	USP	3	Varies	10d/3"	10d/3"
	LSSH210	USP	4	Varies	Per Manufacturer	Per Manufacturer

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/CHORES		
TRUSS REACTION (UP TO) (LBS)	SPACING (IN)	NO. OF STUDS
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

BUILDER	Precision Custom Homes	COUNTY	Harnett
JOB NAME	Lot 71 Magnolia Hills	ADDRESS	137 Virginia Pine Dr., Cameron, NC
PLAN	Menger w/2x6 Walls	MODEL	Roof
SEAL DATE	1/6/2025	DATE REV.	1/10/2025
QUOTE #	N/A	DRAWN BY	Neil Baggett
JOB #	J0125-0179	SALESMAN	Neil Baggett

BUILDER	Precision Custom Homes	COUNTY	Harnett
JOB NAME	Lot 71 Magnolia Hills	ADDRESS	137 Virginia Pine Dr., Cameron, NC
PLAN	Menger w/2x6 Walls	MODEL	Roof
SEAL DATE	1/6/2025	DATE REV.	1/10/2025
QUOTE #	N/A	DRAWN BY	Neil Baggett
JOB #	J0125-0179	SALESMAN	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

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0125-0179
ORDER DATE	01/09/25	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Neil Baggett

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 71 Magnolia Hills MODEL: Roof TAG: Menger w/2x6 Walls DELIVERY INSTRUCTIONS: 60 MILES ROUND TRIP	LOT # 71 SUBDIV: Magnolia Hills JOB CATEGORY: _
	Precision Custom Homes and 137 Virginia Pine Dr. Cameron, NC	SPECIAL INSTRUCTIONS: Like 22 Liberty Meadows	PLAN SEAL DATE: 1/6/25 BY DATE

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	2x3	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	NB 01/10/25
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE 1	JOBSITE 1	CUTTING NB 01/09/25

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL 20.0,10.0,0.0,10.0	STRESS INCR. 1.15	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
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PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT	Joint 2	Joint 17	Joint 18	Joint 19	Joint 20
	1	8.25	0.00	GABLE A1-GE	24-09-00 24-09-00	2 X 6	2 X 6	01-02-08		Joint 2 283.0 lbs. -157.9 lbs.	Joint 17 87.9 lbs. -37.4 lbs.	Joint 18 205.6 lbs. -110.3 lbs.	Joint 19 179.9 lbs. -105.4 lbs.	Joint 20 166.5 lbs. -40.4 lbs.
	6	8.25	0.00	COMMON A2	24-09-00 24-09-00	2 X 6	2 X 6	01-02-08		Joint 2 1119.2 lbs. -55.3 lbs.	Joint 11 1265.6 lbs. -65.8 lbs.			
	1	8.25	4.50	ROOF A3	28-03-00 28-03-00	2 X 6	2 X 6	01-02-08		Joint 2 717.0 lbs. -29.1 lbs.	Joint 10 102.1 lbs. -488.6 lbs.	Joint 11 1985.1 lbs. -183.1 lbs.		
	3	8.25	4.50	SCISSORS A4	21-02-08 21-02-08	2 X 6	2 X 6	01-02-08		Joint 2 904.2 lbs. -24.7 lbs.	Joint 8 825.5 lbs. -113.5 lbs.			
	1	8.25	4.50	SCISSORS A4-A	21-02-08 21-02-08	2 X 6	2 X 6			Joint 1 827.7 lbs. -7.1 lbs.	Joint 7 827.7 lbs. -114.0 lbs.			
	2	8.25	4.50	SCISSORS A5	21-06-00 21-06-00	2 X 6	2 X 6			Joint 1 839.4 lbs. -10.3 lbs.	Joint 7 839.4 lbs. -109.8 lbs.			
	1	3.50	4.50	ROOF A6	37-03-00 37-03-00	2 X 6	2 X 6	01-02-08		Joint 2 649.1 lbs. -285.1 lbs.	Joint 10 780.4 lbs. -81.6 lbs.	Joint 12 1576.7 lbs. -138.7 lbs.		
	1	3.50	0.00	ROOF A7	37-03-00 37-03-00	2 X 6	2 X 6	01-02-08		Joint 2 443.4 lbs. -251.3 lbs.	Joint 9 1033.6 lbs. -79.6 lbs.	Joint 12 1744.3 lbs. -157.0 lbs.		
	1	3.50	0.00	ROOF A8	37-03-00 37-03-00	2 X 6	2 X 6	01-02-09		Joint 2 357.1 lbs. -79.9 lbs.	Joint 3 277.0 lbs. -30.6 lbs.	Joint 4 54.1 lbs. 16.2 lbs.	Joint 10 1069.4 lbs. -76.4 lbs.	Joint 14 1805.7 lbs. -182.7 lbs.
	1	3.50	0.00	ROOF A9	37-03-00 37-03-00	2 X 6	2 X 6	01-02-09		Joint 2 335.3 lbs. -208.1 lbs.	Joint 10 1061.7 lbs. -74.0 lbs.	Joint 14 1816.1 lbs. -190.0 lbs.	Joint 24 1234.1 lbs. -310.4 lbs.	Joint 28 160.1 lbs. -467.6 lbs.
	1	12.00	0.00	GABLE B1-GE	14-03-00 14-03-00	2 X 6	2 X 6	01-02-08	01-02-08	Joint 12 251.9 lbs. -142.2 lbs.	Joint 13 245.5 lbs. -239.6 lbs.	Joint 14 172.7 lbs. -167.3 lbs.	Joint 15 276.0 lbs. 36.3 lbs.	Joint 16 279.8 lbs. 23.8 lbs.

Reaction Summary of Order



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ORDER DATE	01/09/25	QUOTE #	
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DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Neil Baggett

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	Precision Custom Homes and 137 Virginia Pine Dr. Cameron, NC	SPECIAL INSTRUCTIONS: Like 22 Liberty Meadows	PLAN SEAL DATE: 1/6/25 BY DATE

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	2x3	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	NB 01/10/25
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE 1	JOBSITE 1	CUTTING NB 01/09/25

ROOF TRUSSES **LOADING INFORMATION** **ROOF TRUSS SPACING:** 24.0 IN. O.C. (TYP.)

TCLL-TCDL-BCLL-BCDL	STRESS INCR.
20.0,10.0,0.0,10.0	1.15

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT					
	1	12.00	0.00	COMMON B2	14-03-00 14-03-00	2 X 6	2 X 6	01-02-08	01-02-08	Joint 7 635.6 lbs. -28.1 lbs.	Joint 9 635.6 lbs. -28.1 lbs.			
	3	12.00	0.00	COMMON B3	14-03-00 14-03-00	2 X 6	2 X 6			Joint 5 554.7 lbs. -20.2 lbs.	Joint 7 554.7 lbs. -20.2 lbs.			
	1	12.00	0.00	COMMON B4	11-11-00 11-11-00	2 X 6	2 X 6			Joint 5 458.0 lbs. -3.7 lbs.	Joint 7 458.8 lbs. -45.0 lbs.			
	1	12.00	0.00	GABLE C1-GE	11-03-08 11-02-08	2 X 6	2 X 6	01-03-00	01-03-00	Joint 10 698.4 lbs. -612.8 lbs.	Joint 11 797.7 lbs. -718.2 lbs.	Joint 12 384.7 lbs. 70.8 lbs.	Joint 13 384.6 lbs. 71.7 lbs.	Joint 14 801.3 lbs. -721.5 lbs.
	2	12.00	0.00	COMMON C2	11-03-08 11-02-08	2 X 6	2 X 6	01-03-00	01-03-00	Joint 6 526.2 lbs. -38.8 lbs.	Joint 8 526.2 lbs. -38.8 lbs.			
	4	12.00	0.00	COMMON C3	11-03-08 11-02-08	2 X 6	2 X 6			Joint 4 433.3 lbs. -45.0 lbs.	Joint 6 433.3 lbs. -45.0 lbs.			
	1	12.50	7.00	GABLE D1-GE	15-10-00 15-10-00	2 X 6	2 X 6	01-02-08		Joint 11 192.0 lbs. -71.8 lbs.	Joint 12 241.5 lbs. -291.3 lbs.	Joint 13 197.3 lbs. -161.5 lbs.	Joint 14 199.6 lbs. -126.6 lbs.	Joint 15 459.7 lbs. -104.2 lbs.
	7	12.50	7.00	SCISSORS D2	15-10-00 15-10-00	2 X 6	2 X 6	01-02-08		Joint 5 606.6 lbs. -29.9 lbs.	Joint 7 692.6 lbs. -29.8 lbs.			
	4	12.50	0.00	COMMON D3	15-01-08 15-01-08	2 X 6	2 X 6	01-02-08		Joint 2 662.0 lbs. -26.3 lbs.	Joint 7 598.4 lbs. -33.1 lbs.			
	1	12.50	0.00	ATTIC G1-GE	22-00-00 22-00-00	2 X 8	2 X 10	01-02-08	01-02-08	Joint 2 1555.9 lbs. 52.8 lbs.	Joint 8 1376.0 lbs. -76.0 lbs.	Joint 10 1555.9 lbs. 52.8 lbs.	Joint 14 1363.0 lbs. -55.0 lbs.	
	6	12.50	0.00	ATTIC G2	22-00-00 22-00-00	2 X 8	2 X 10	01-02-08	01-02-08	Joint 2 1562.0 lbs. 174.8 lbs.	Joint 10 1562.0 lbs. 174.8 lbs.			

Reaction Summary of Order



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DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
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	SHIPP TO	Precision Custom Homes and 137 Virginia Pine Dr. Cameron, NC	SPECIAL INSTRUCTIONS: Like 22 Liberty Meadows

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	2x3	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	NB 01/10/25
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE 1	JOBSITE 1	CUTTING NB 01/09/25

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TCLL-TCDL-BCLL-BCDL	STRESS INCR.
20.0,10.0,0.0,10.0	1.15

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS
		TOP	BOT			TOP	BOT	LEFT	RIGHT	
	6	12.50	0.00	ATTIC G3	22-00-00 22-00-00	2 X 8	2 X 10	01-02-08		Joint 2 Joint 10 1563.7 lbs. 1517.8 lbs. 174.3 lbs. 177.0 lbs.
	1	12.50	0.00	ATTIC G5	22-00-00 21-08-08	2 X 8	2 X 10	01-02-08		Joint 2 Joint 11 1565.0 lbs. 1517.7 lbs. 174.4 lbs. 176.9 lbs.
	6	12.50	0.00	ROOF G6	21-08-08 21-08-08	2 X 6	2 X 6	01-02-08		Joint 2 Joint 12 Joint 13 662.6 lbs. 234.1 lbs. 1034.1 lbs. -92.6 lbs. -144.2 lbs. 3.0 lbs.
	1	12.50	0.00	ROOF G7-GE	21-08-08 21-08-08	2 X 6	2 X 6	01-02-08		Joint 2 Joint 12 Joint 13 700.7 lbs. 684.6 lbs. 1307.9 lbs. -179.7 lbs. -274.3 lbs. -143.8 lbs.
	1	3.50	0.00	HALF HIP H1	16-02-08 16-00-08	2 X 6	2 X 6	01-02-08		Joint 2 Joint 6 1175.0 lbs. 1219.3 lbs. -490.3 lbs. -512.2 lbs.
	1 2 Ply	0.00	0.00	FLAT GIRDER K1	24-09-01 24-09-01	2 X 6	2 X 6			Joint 9 Joint 13 3076.7 lbs. 1799.1 lbs. -410.7 lbs. -575.8 lbs.
	1	3.50	0.00	ROOF M1	22-09-13 22-09-13	2 X 6	2 X 6	01-02-08		Joint 2 Joint 10 Joint 12 455.0 lbs. 268.1 lbs. 1156.4 lbs. -171.7 lbs. -46.8 lbs. -346.9 lbs.
	1	3.50	0.00	HALF HIP M2	22-09-13 22-09-13	2 X 6	2 X 6	01-02-08		Joint 2 Joint 9 Joint 10 471.8 lbs. 309.4 lbs. 1118.2 lbs. -175.0 lbs. -14.0 lbs. -332.0 lbs.
	1	3.50	0.00	HALF HIP M3	22-09-13 22-09-13	2 X 6	2 X 6	01-02-08		Joint 2 Joint 9 Joint 10 482.6 lbs. 331.6 lbs. 1093.4 lbs. -175.5 lbs. -17.4 lbs. -320.7 lbs.
	4	8.25	0.00	MONOPITCH P1	12-08-00 11-00-08	2 X 6	2 X 6	01-02-08		Joint 2 Joint 7 Joint 9 326.9 lbs. 335.3 lbs. 336.5 lbs. -42.4 lbs. 52.5 lbs. -166.7 lbs.
	1	8.25	0.00	VALLEY VA1	22-03-14 22-03-14	2 X 4	2 X 6			Joint 7 Joint 8 Joint 10 Joint 11 Joint 12 197.4 lbs. 480.5 lbs. 525.4 lbs. 500.0 lbs. 555.1 lbs. -48.7 lbs. -123.5 lbs. -97.8 lbs. 30.2 lbs. -108.6 lbs.

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0125-0179
ORDER DATE	01/09/25	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Neil Baggett

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 71 Magnolia Hills MODEL: Roof TAG: Menger w/2x6 Walls DELIVERY INSTRUCTIONS: 60 MILES ROUND TRIP	LOT # 71 SUBDIV: Magnolia Hills JOB CATEGORY: _
	SHIPP TO	Precision Custom Homes and 137 Virginia Pine Dr. Cameron, NC	SPECIAL INSTRUCTIONS: Like 22 Liberty Meadows

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	2x3	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	NB 01/10/25
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE 1	JOBSITE 1	CUTTING NB 01/09/25

ROOF TRUSSES **LOADING INFORMATION** TOLL-TCDL-BCLL-BCDL STRESS INCR. **ROOF TRUSS SPACING:** 24.0 IN. O.C. (TYP.)
 20.0,10.0,0.0,10.0 1.15

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS
		TOP	BOT			TOP	BOT	LEFT	RIGHT	
	1	8.25	0.00	VALLEY VA2	19-03-08 19-03-08	2 X 4	2 X 4			Joint 7 Joint 8 Joint 9 Joint 11 Joint 12 90.1 lbs. 271.6 lbs. 463.3 lbs. 2252.3 lbs. 461.5 lbs. -39.2 lbs. -78.7 lbs. -109.3 lbs. -787.2 lbs. -107.7 lbs.
	1	8.25	0.00	VALLEY VA3	14-07-15 14-07-15	2 X 4	2 X 4			Joint 1 Joint 5 Joint 6 Joint 7 Joint 8 116.5 lbs. 103.4 lbs. 350.2 lbs. 254.3 lbs. 350.4 lbs. -11.2 lbs. 9.0 lbs. -103.7 lbs. 53.0 lbs. -103.9 lbs.
	1	8.25	0.00	VALLEY VA4	08-07-04 08-07-04	2 X 4	2 X 4			Joint 1 Joint 3 Joint 4 169.5 lbs. 169.6 lbs. 279.6 lbs. -26.7 lbs. -32.9 lbs. 21.1 lbs.
	1	12.00	0.00	VALLEY VB1	04-01-04 04-01-04	2 X 4	2 X 4			Joint 1 Joint 3 Joint 4 84.3 lbs. 84.3 lbs. 108.3 lbs. -15.0 lbs. -15.0 lbs. 14.3 lbs.
	1	12.00	0.00	VALLEY VC1	02-08-01 02-08-01	2 X 4	2 X 4			Joint 1 Joint 3 81.2 lbs. 81.2 lbs. -2.6 lbs. -2.6 lbs.
	5	3.50	0.00	JACK-OPEN XH1	06-01-00 06-01-00	2 X 4	2 X 6	01-02-08		Joint 2 Joint 3 Joint 4 324.9 lbs. 167.8 lbs. 117.9 lbs. -135.1 lbs. -68.3 lbs. -30.3 lbs.
	2	3.50	0.00	JACK-OPEN YH1	01-11-15 01-11-15	2 X 4	2 X 4	01-02-08		Joint 2 Joint 3 Joint 4 175.6 lbs. 35.4 lbs. 39.1 lbs. -83.9 lbs. -19.8 lbs. -10.1 lbs.
	2	3.50	0.00	JACK-OPEN YH2	03-11-15 03-11-15	2 X 4	2 X 4	01-02-08		Joint 2 Joint 3 Joint 4 246.3 lbs. 100.2 lbs. 76.1 lbs. -107.6 lbs. -43.8 lbs. -19.6 lbs.
	1	2.48	0.00	DIAGONAL HIP ZH1	08-05-12 08-05-12	2 X 4	2 X 6	01-08-08		Joint 2 Joint 7 458.3 lbs. 369.6 lbs. -203.3 lbs. -150.3 lbs.

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
1	Hangers, USP	HJC26			SIMPSON (THJU26)

Reaction Summary of Order



ROOF & FLOOR TRUSSES & BEAMS
 Reilly Road Industrial Park P.O. Box 40408
 Fayetteville, N.C. 28309 (910) 864-TRUS

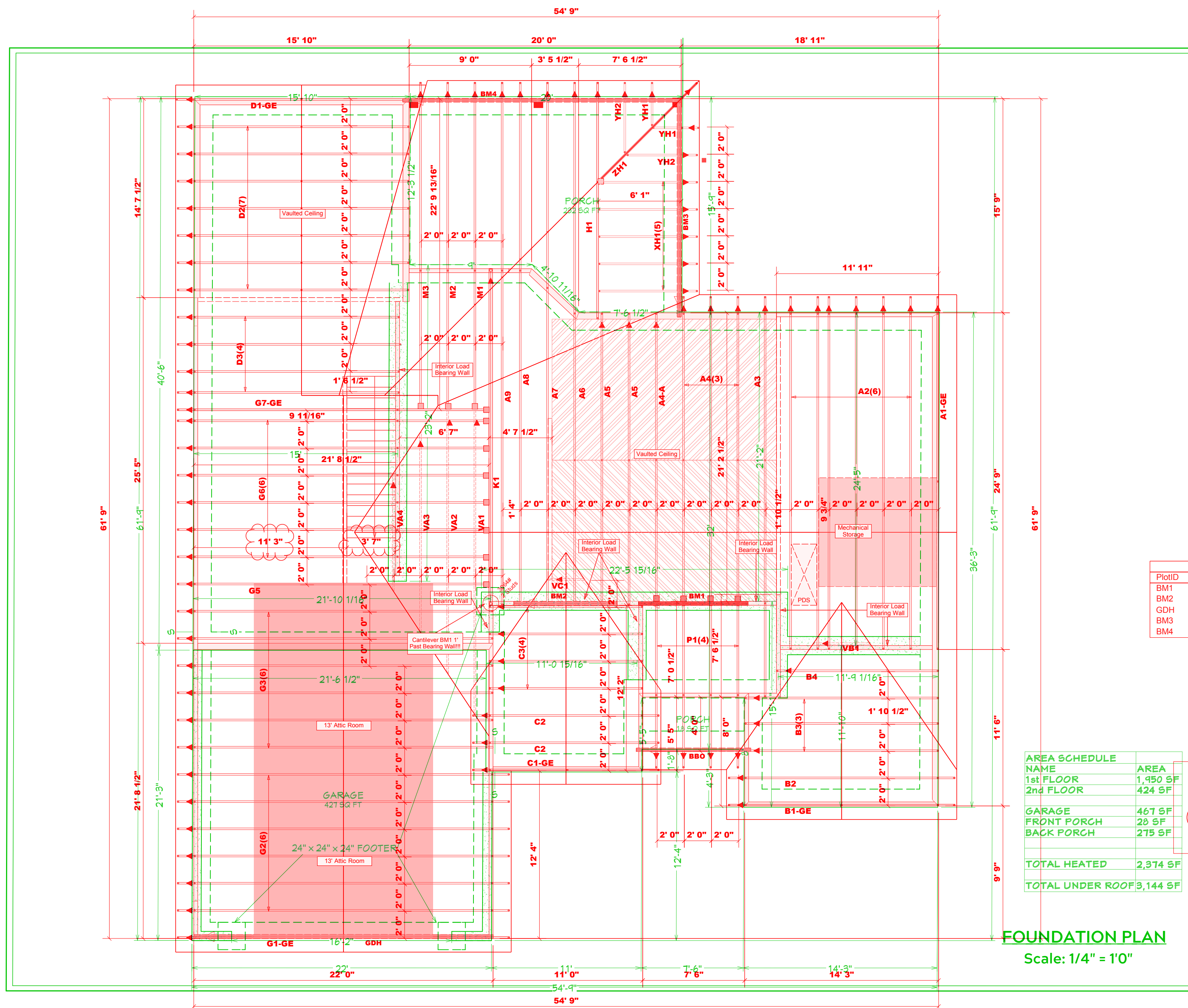
REQ. QUOTE DATE	/ /	ORDER #	J0125-0179
ORDER DATE	01/09/25	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
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SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 71 Magnolia Hills MODEL: Roof TAG: Menger w/2x6 Walls DELIVERY INSTRUCTIONS: 60 MILES ROUND TRIP	LOT # 71 SUBDIV: Magnolia Hills JOB CATEGORY: _
	SHIPP TO	Precision Custom Homes and 137 Virginia Pine Dr. Cameron, NC	SPECIAL INSTRUCTIONS: Like 22 Liberty Meadows

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	2x3	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /								
Roof Order	<table border="1"> <tr> <td>END CUT</td> <td>RETURN</td> </tr> <tr> <td>PLUMB</td> <td></td> </tr> </table>	END CUT	RETURN	PLUMB		GABLE STUDS	24 IN. OC	<table border="1"> <tr> <td>JOBSITE</td> <td>1</td> </tr> </table>	JOBSITE	1	<table border="1"> <tr> <td>JOBSITE</td> <td>1</td> </tr> </table>	JOBSITE	1	LAYOUT	NB 01/10/25
END CUT	RETURN														
PLUMB															
JOBSITE	1														
JOBSITE	1														
		CUTTING	NB 01/09/25												

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
8	Hangers, USP	HUS 26			SIMPSON (HUS26)
3	Hangers, USP	JUS24			SIMPSON (LUS24)
4	Hangers	LSSH210	00-00-00		
2	LVL Beams (Sized)	LVL, 1-3/4" x 9-1/4" (S)	09-00-00		BM1
2	LVL Beams (Sized)	LVL, 1-3/4" x 9-1/4" (S)	08-00-00		BM2
2	LVL Beams (Sized)	LVL, 1-3/4" x 11-7/8" (S)	22-00-00		GDH
2	LVL Beams (Sized)	LVL, 1-3/4" x 11-7/8" (S)	16-00-00		BM3



PLAN:
Menger

Hatch Legend

[Hatched Box]	Padded HVAC
[Diagonal Lines Box]	Vaulted Ceiling
[Red Box]	Flush Beam
[Grey Box]	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

FOUNDATION

Roof Area	= 3933.66 sq.ft.
Edge Line	= 141.05 ft.
Top Line	= 33.43 ft.
Flork. OH	= 228.43 ft.
Florked OH	= 185.86 ft.
Decking	= 135 sheets

All Walls Shown Are Considered Load Bearing

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

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

PlotID	Length	Products	Piles	Net Qty	Fab Type
BM1	9' 0"	4x4-9-1/4" LVL Kerto-S	2	2	FF
BM2	8' 0"	4x4-9-1/4" LVL Kerto-S	2	2	FF
GDH	22' 0"	4x4-11-7/8" LVL Kerto-S	2	2	FF
BM3	18' 0"	4x4-11-7/8" LVL Kerto-S	2	2	FF
BM4	22' 0"	2x12 SP No.2	2	2	FF

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
HJC26	USP	1	Varies	16d/3-1/2"	10d/3"	
HUS26	USP	8	Varies	16d/3-1/2"	16d/3-1/2"	
JUS26	USP	3	Varies	10d/3"	10d/3"	
SSH26	USP	4	Varies	Per Manufacturer	Per Manufacturer	

AREA SCHEDULE

NAME	AREA
1st FLOOR	1,450 SF
2nd FLOOR	424 SF
GARAGE	467 SF
FRONT PORCH	28 SF
BACK PORCH	275 SF
TOTAL HEATED	2,374 SF
TOTAL UNDER ROOF	3,144 SF

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

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

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

DATE: 1/13/25
SCALE: 1/4" = 1'
SHEET: A-2

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R002.011 & R03)

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEAD-TO-HEAD

REQ. REACTION (UP TO) (TOTAL BEAM)	REQ. REACTION (UP TO) (TOTAL BEAM)	REQ. REACTION (UP TO) (TOTAL BEAM)
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

BUILDER	Precision Custom Homes
JOB NAME	Lot 71 Magnolia Hills
PLAN	Menger w/2x6 Walls
SEAL DATE	1/6/2025
QUOTE #	N/A
JOB #	J0125-0179

COUNTY	Harnett
ADDRESS	137 Virginia Pine Dr., Cameron, NC
MODEL	Roof
DATE REV.	1/10/2025
DRAWN BY	Neil Baggett
SALESMAN	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 BC31-81 and BC31-83 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

comTECH

ROOF & FLOOR TRUSSES & BEAMS

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