



**FRONT ELEVATION**

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR  
 7'6" Header Height 1st Floor  
 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"

PLAN:  
Sarah

SHEET TITLE:  
**ELEVATIONS**

PROJECT ADDRESS:  
186 Mahogany Ct.  
Magnolia Hills Lot 29

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

DATE:  
12/10/24

SCALE:  
1/4" = 1'

SHEET:  
**A-1**

PLAN:  
Sarah

SHEET TITLE:  
**FOUNDATION**

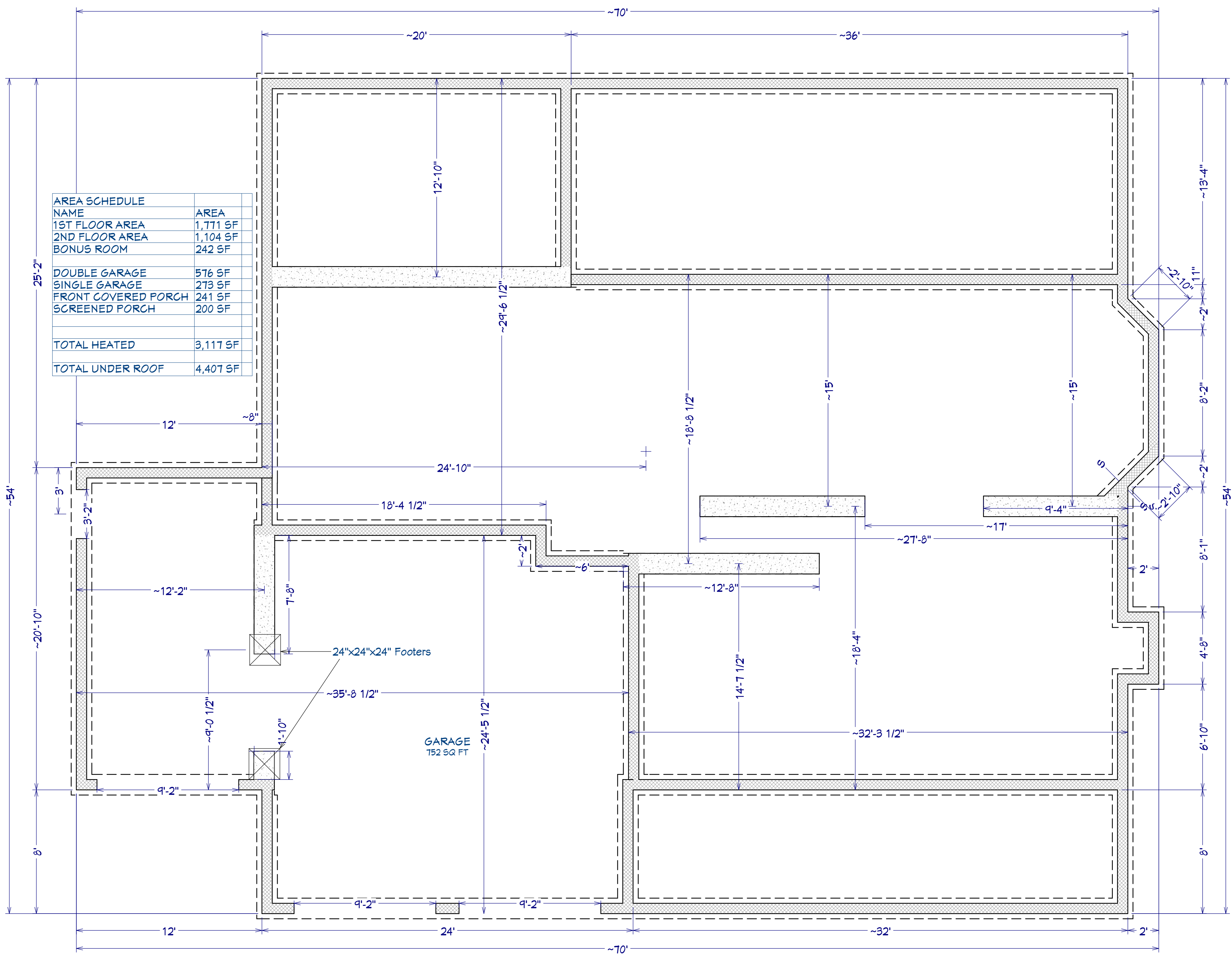
PROJECT ADDRESS:  
186 Mahogany Ct.  
Magnolia Hills Lot 29

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

DATE:  
12/10/24

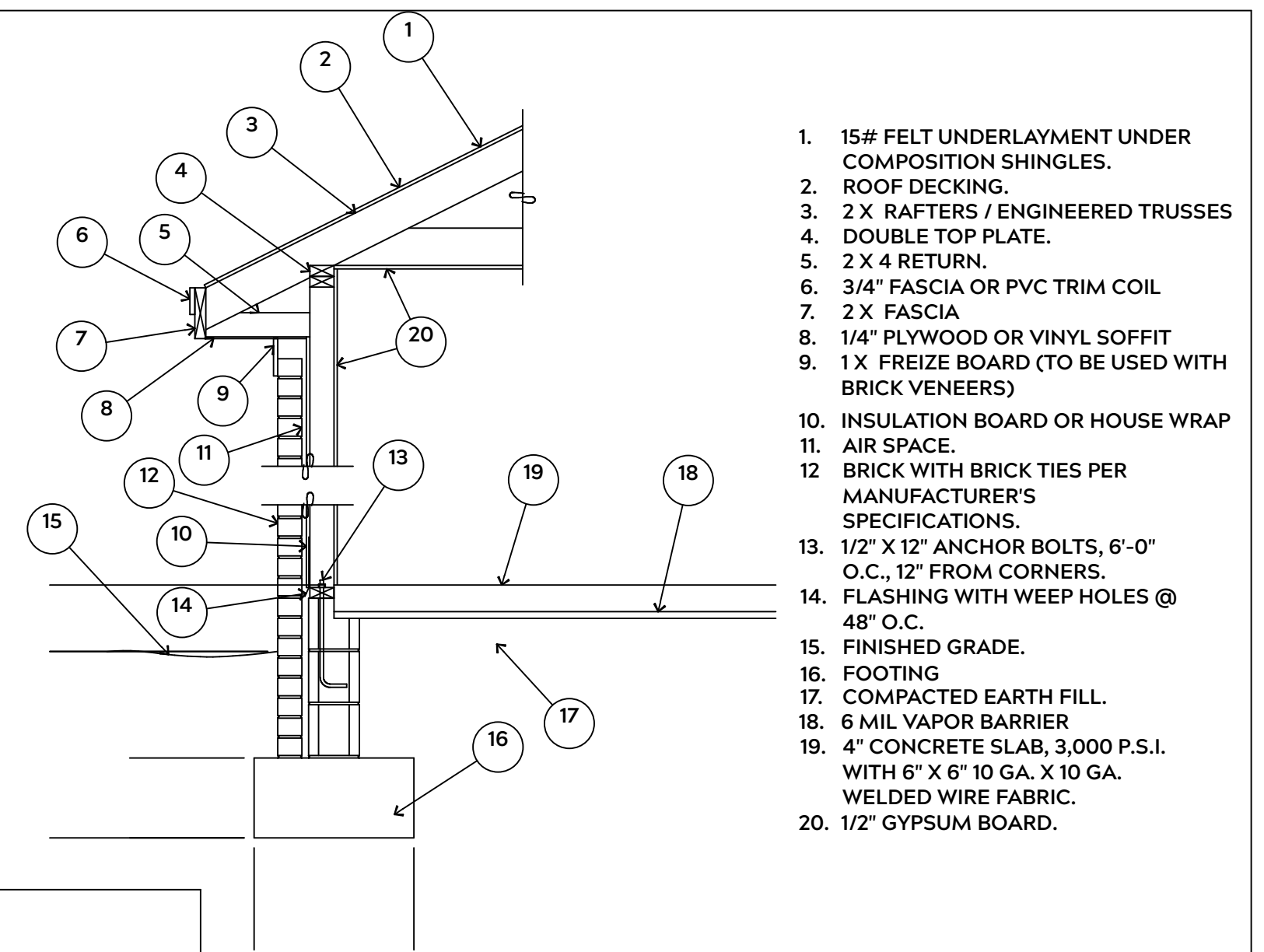
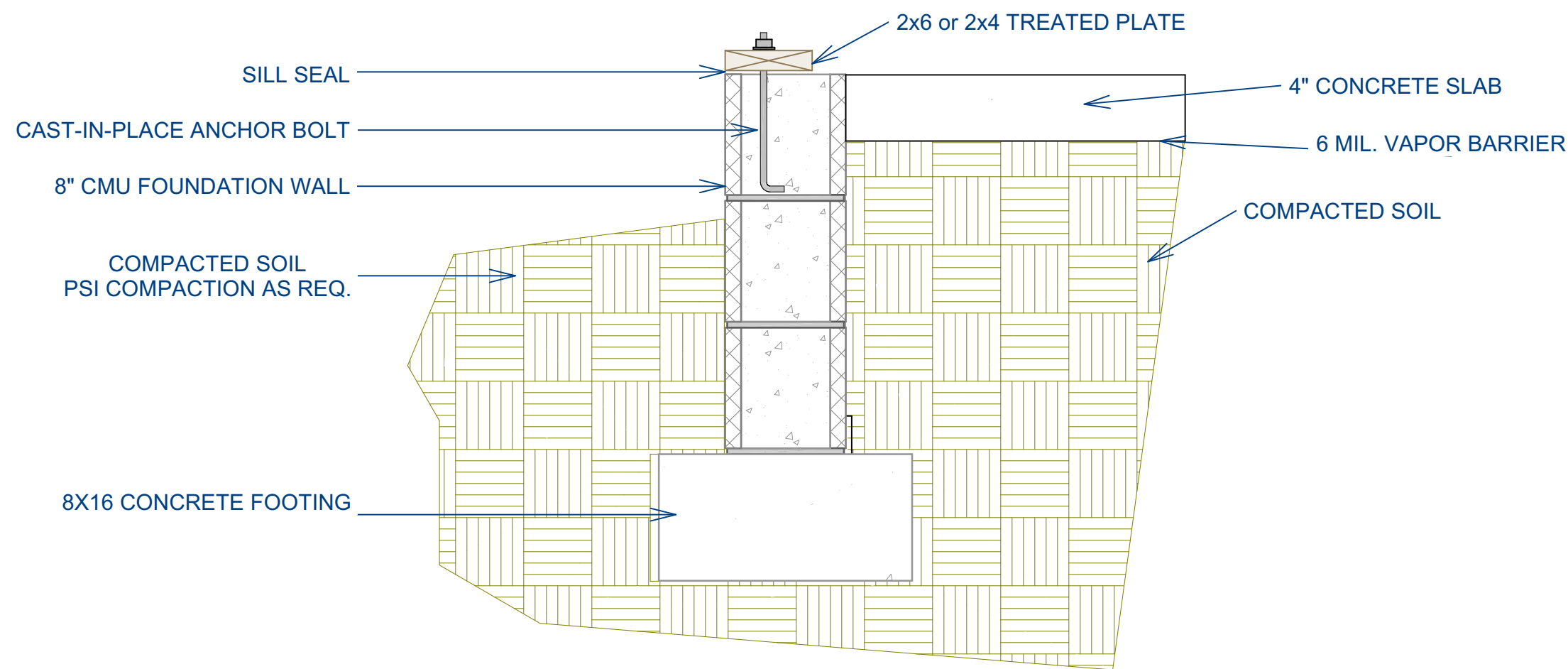
SCALE:  
1/4" = 1'

SHEET:  
**A-2**



AREA SCHEDULE	
NAME	AREA
1ST FLOOR AREA	1,771 SF
2ND FLOOR AREA	1,104 SF
BONUS ROOM	242 SF
DOUBLE GARAGE	576 SF
SINGLE GARAGE	273 SF
FRONT COVERED PORCH	241 SF
SCREENED PORCH	200 SF
TOTAL HEATED	3,117 SF
TOTAL UNDER ROOF	4,407 SF

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



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

### 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

### 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.

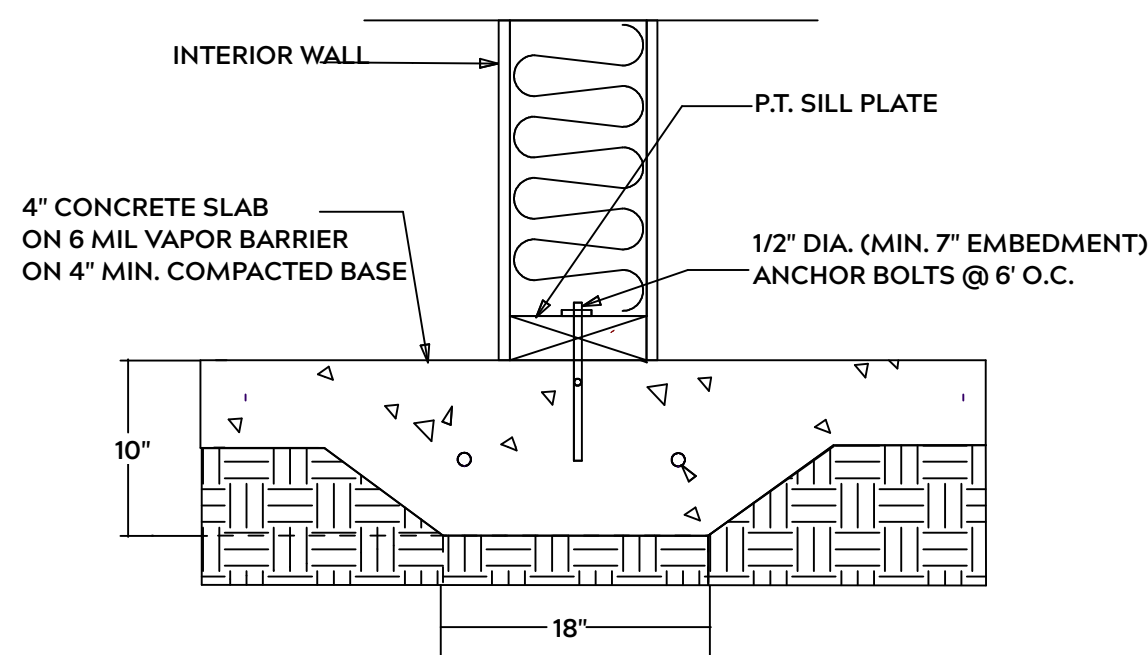
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

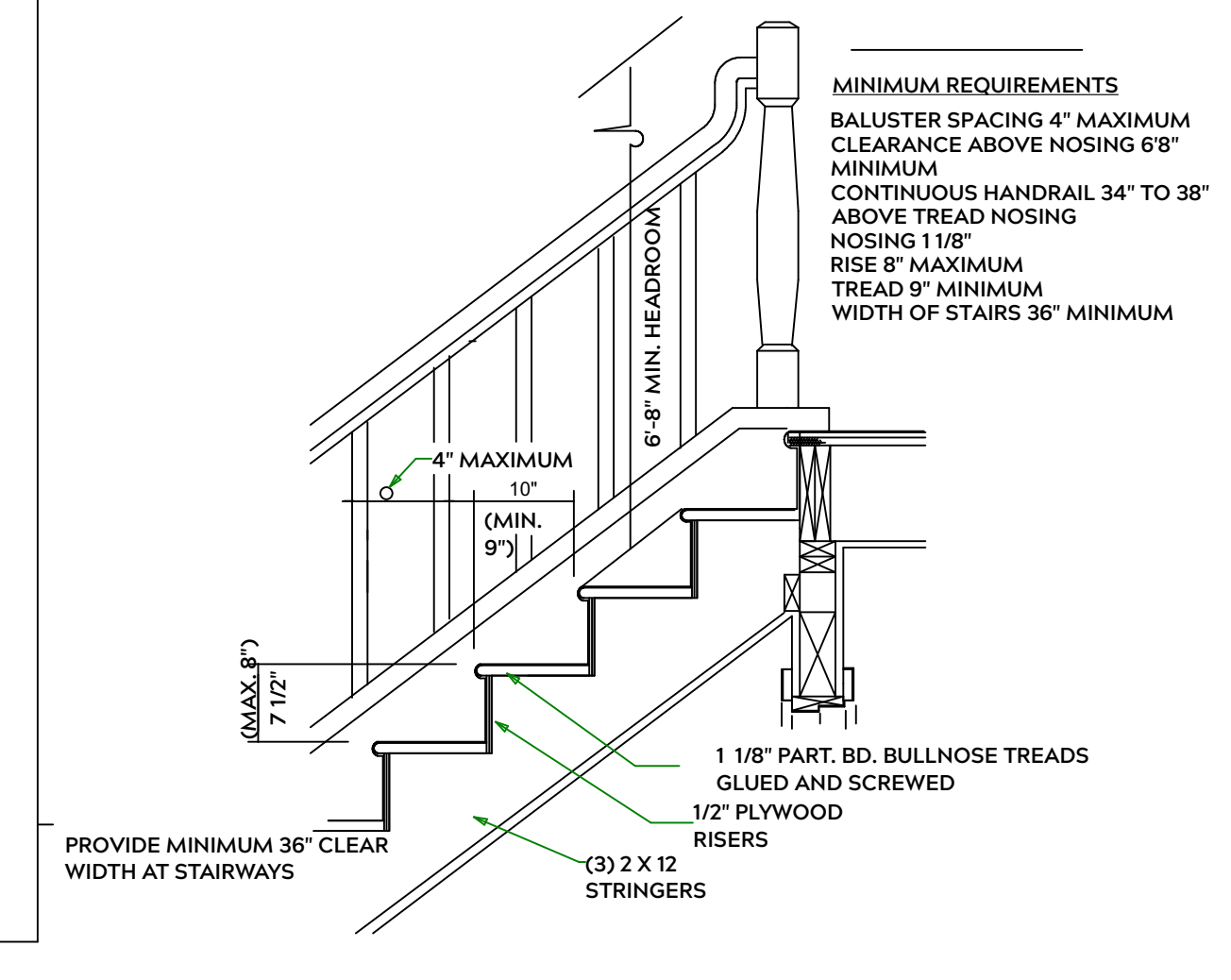
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

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

LVLS TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)



LUG FOOTING



STAIR DETAIL

PLAN:  
Sarah

SHEET TITLE:  
DETAIL SHEETS

PROJECT ADDRESS:  
186 Mahogany Ct.  
Magnolia Hills Lot 29

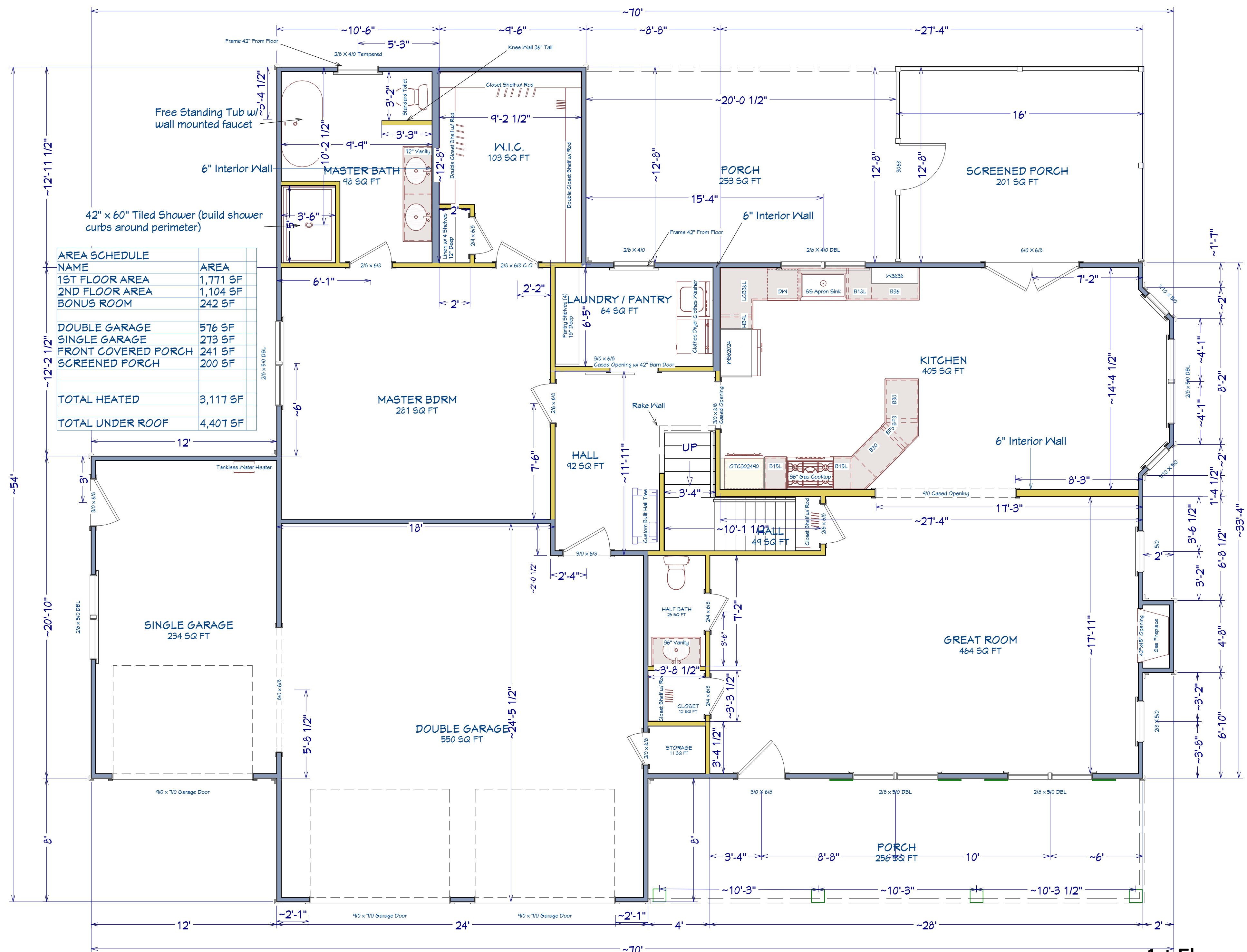
DESIGNED BY:  
Precision Custom Homes  
Raeferd, NC  
Shaun@PrecisionCustomHomesNC.com

DATE:  
12/10/24

SCALE:  
1/4" = 1'

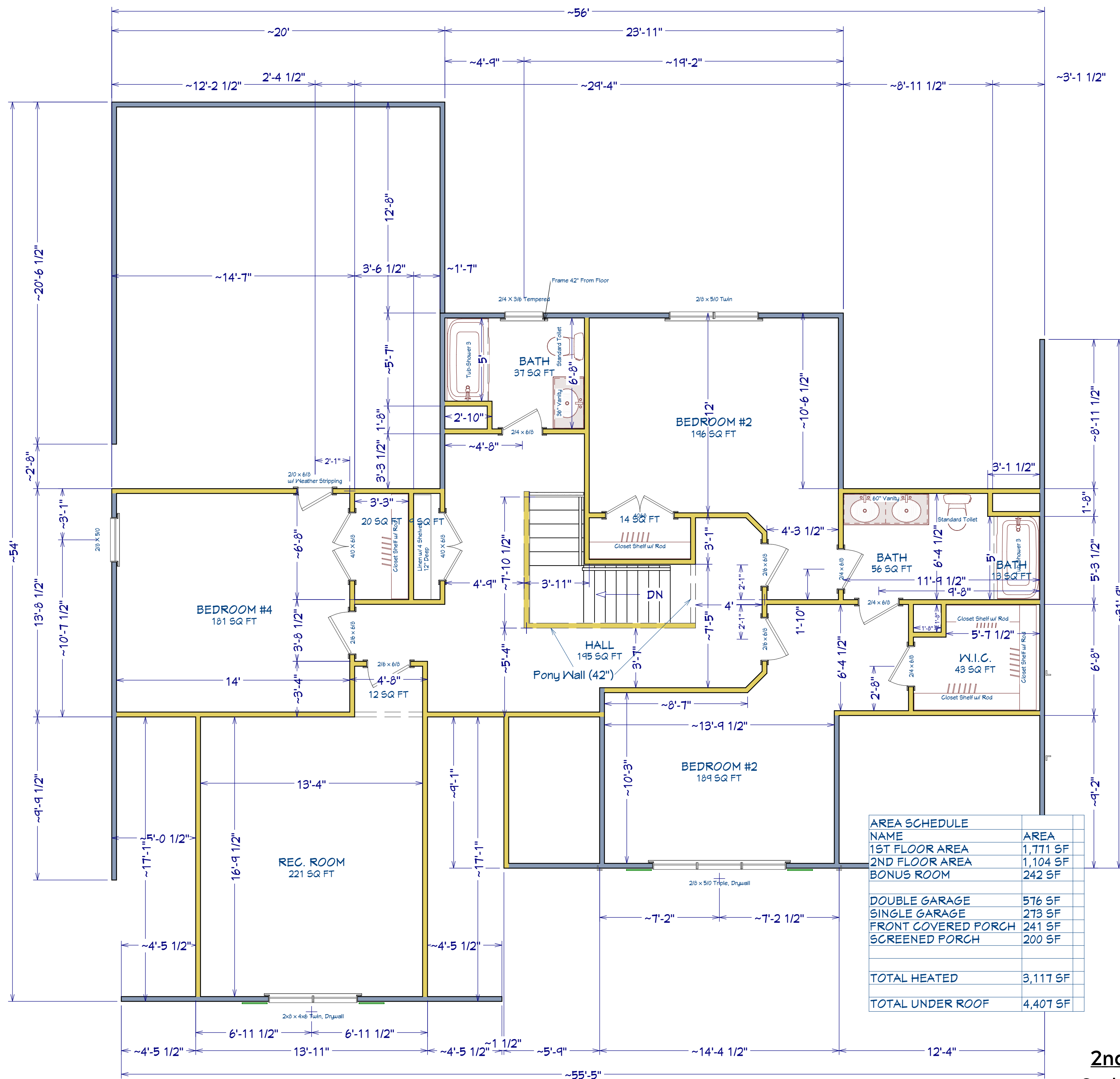
SHEET:  
A-3





AREA SCHEDULE NAME	AREA
1ST FLOOR AREA	1,771 SF
2ND FLOOR AREA	1,104 SF
BONUS ROOM	242 SF
DOUBLE GARAGE	576 SF
SINGLE GARAGE	273 SF
FRONT COVERED PORCH	241 SF
SCREENED PORCH	200 SF
TOTAL HEATED	3,117 SF
TOTAL UNDER ROOF	4,407 SF

**1st Floor**  
Scale: 1/4" = 1'0"



AREA SCHEDULE	
NAME	AREA
1ST FLOOR AREA	1,771 SF
2ND FLOOR AREA	1,104 SF
BONUS ROOM	242 SF
DOUBLE GARAGE	576 SF
SINGLE GARAGE	273 SF
FRONT COVERED PORCH	241 SF
SCREENED PORCH	200 SF
TOTAL HEATED	3,117 SF
TOTAL UNDER ROOF	4,407 SF

**2nd Floor**  
Scale: 1/4" = 1'0"

PLAN:  
Sarah

SHEET TITLE:  
**2nd FLOOR**

PROJECT ADDRESS:  
186 Mahogany Ct.  
Magnolia Hills Lot 29

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

DATE:  
12/10/24

SCALE:  
1/4" = 1'

SHEET:  
**A-5**



### ROOF & FLOOR TRUSSES & BEAMS

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

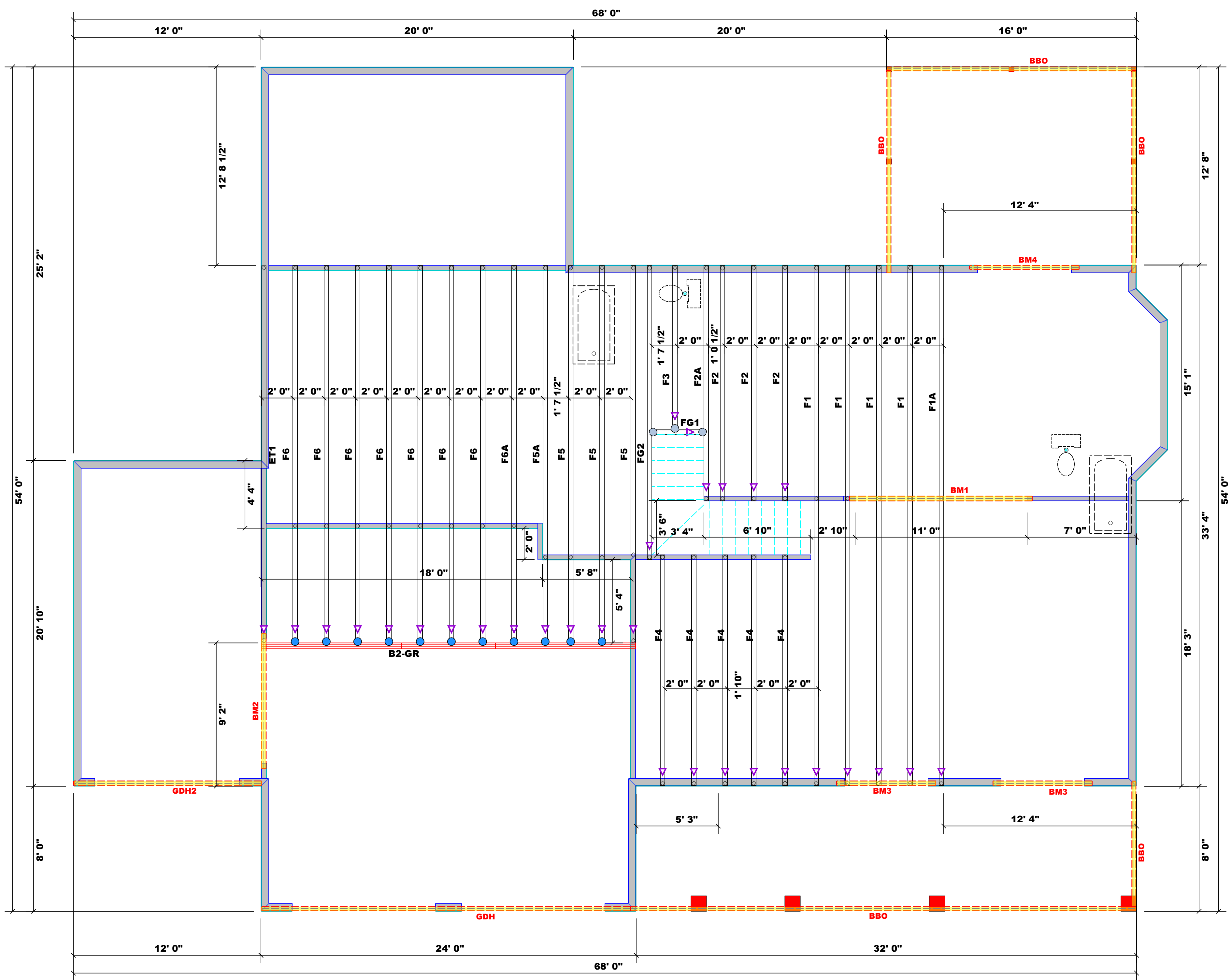
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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 \_\_\_\_\_  
**David Landry**

#### LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER
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				



**1 Truss Placement Plan**  
Scale: 1/4"=1'

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	12' 0"	1-3/4" x 14" LVL Kerto-S	2	2	FF
BM2	9' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	4	FF
BM4	8' 0"	2x10 SPF No.2	2	2	FF
GDH	24' 0"	2x12 SPF No.2	2	2	FF
GDH2	12' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF

**Plumbing Drop Notes**

1. Plumbing drop locations shown are NOT exact.
2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
3. Adjust spacing as needed not to exceed 24"oc.

**Dimension Notes**

1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise.
2. All interior wall dimensions are to face of frame wall unless noted otherwise.
3. All exterior wall to truss dimensions are to face of frame wall unless noted otherwise.

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	11	Varies	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	3	Varies	10d/3"	10d/3"

**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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciniindustry.com

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 29 Magnolia Hills	Sarah	N/A		J1024-5868
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Cameron / Harnet	Lot 29 Magnolia Hills	Floor	12/03/24	David Landry	Neil Baggett





### ROOF & FLOOR TRUSSES & BEAMS

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

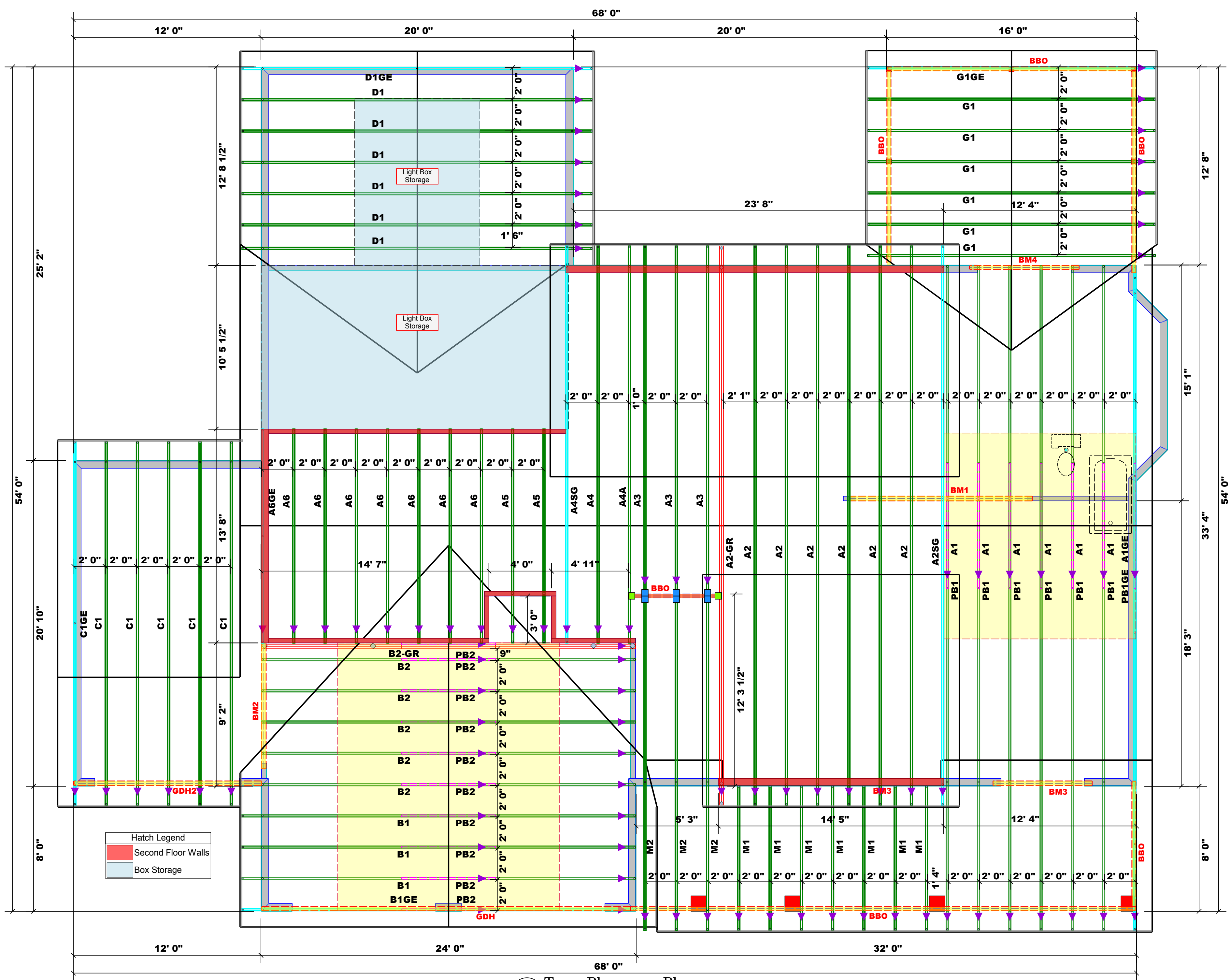
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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  
**David Landry**

#### LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (2))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER
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				



Hatch Legend

[Red Hatch]	Second Floor Walls
[Blue Hatch]	Box Storage

Products

PlotID	Length	Product	Pieces	Net Qty	Fab Type
BM1	12' 0"	1-3/4" x 14" LVL Kerto-S	2	2	FF
BM2	9' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	4	FF
BM4	8' 0"	2x10 SPF No.2	2	2	FF
GDH	24' 0"	2x12 SPF No.2	2	2	FF
GDH2	12' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF

- Plumbing Drop Notes
1. Plumbing drop locations shown are NOT exact.
  2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
  3. Adjust spacing as needed not to exceed 24" oc.

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

Roof Area = 4234.58 sq.ft.  
Ridge Line = 134.13 ft.  
Hip Line = 0 ft.  
Horiz. OH = 224.39 ft.  
Raked OH = 313.52 ft.  
Decking = 146 sheets

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue]	HUS26	USP	6	Varies	16d/3-1/2"	16d/3-1/2"
[Green]	THD26-2	USP	2	Varies	16d/3-1/2"	10d/3"

**1** Truss Placement Plan  
Scale: 1/4"=1'

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 29 Magnolia Hills	Sarah	N/A		J1024-5867
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Cameron / Harnet	Lot 29 Magnolia Hills	Roof	12/03/24	David Landry	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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com