



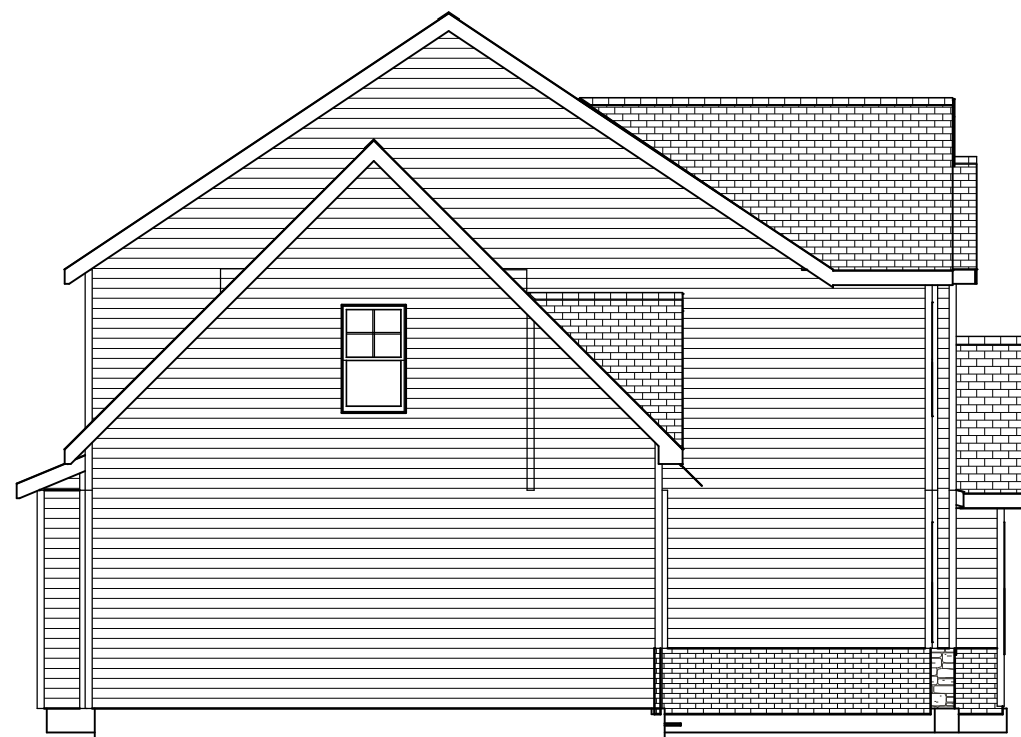
NOTICE TO CONTRACTOR  
 All construction shall conform with approved Building Codes  
 and to comply with all applicable laws and regulations.  
 APPROVED  
 I hereby certify that the above information is true and correct  
 12/03/2020  
 [Signature]  
 Harnett COUNTY  
 NORTH CAROLINA

**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"



**REAR ELEVATION**

Scale: 1/8" = 1'0"



**RIGHT ELEVATION**

Scale: 1/8" = 1'0"

PLAN:  
 RAGNAR  
 1.0  
 W/ Media  
 Room

SHEET TITLE:  
**ELEVATIONS**

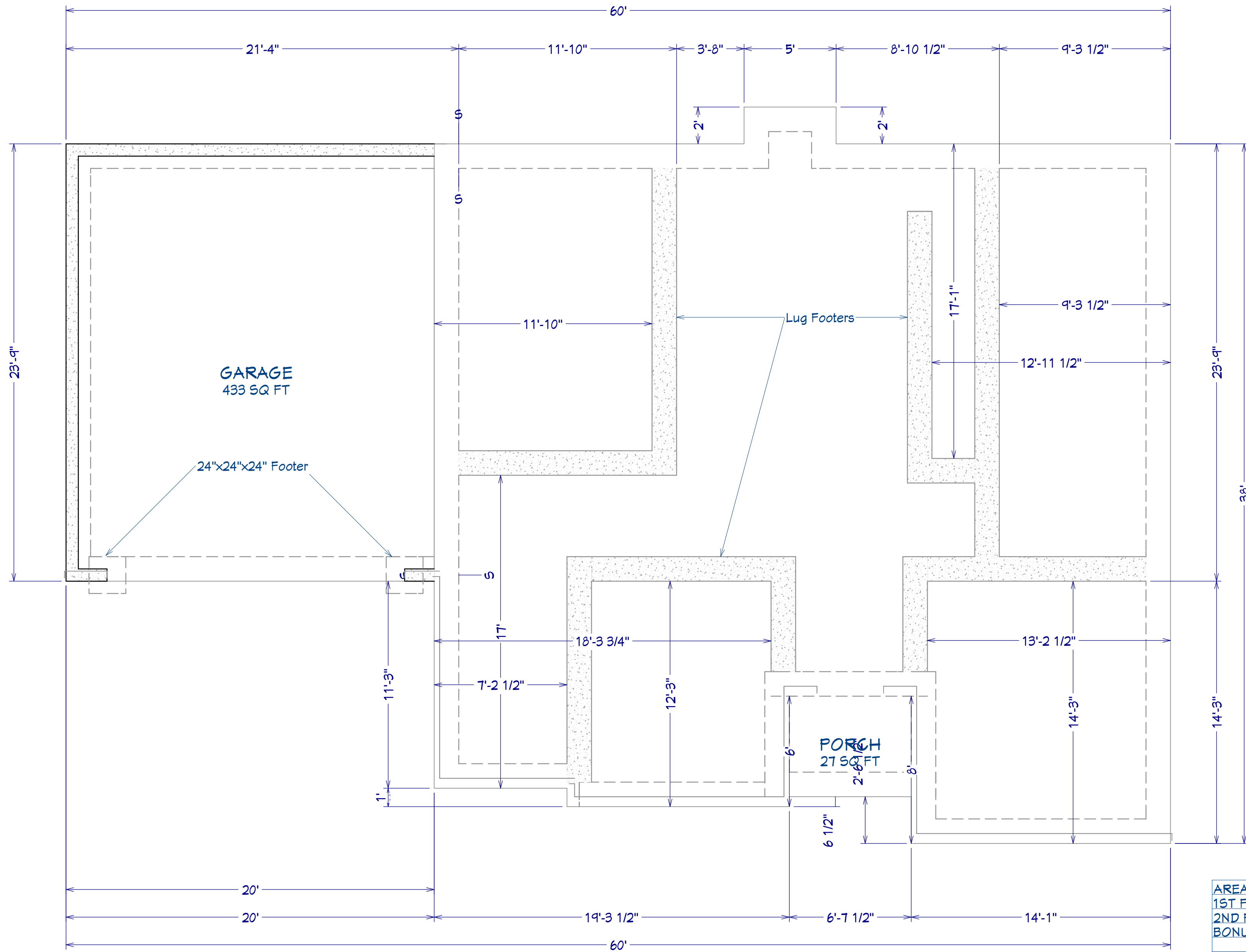
PROJECT ADDRESS:  
 168 NAVAHO TRAIL  
 SUMMERLIN LOT 43

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

DATE:  
 11/15/20

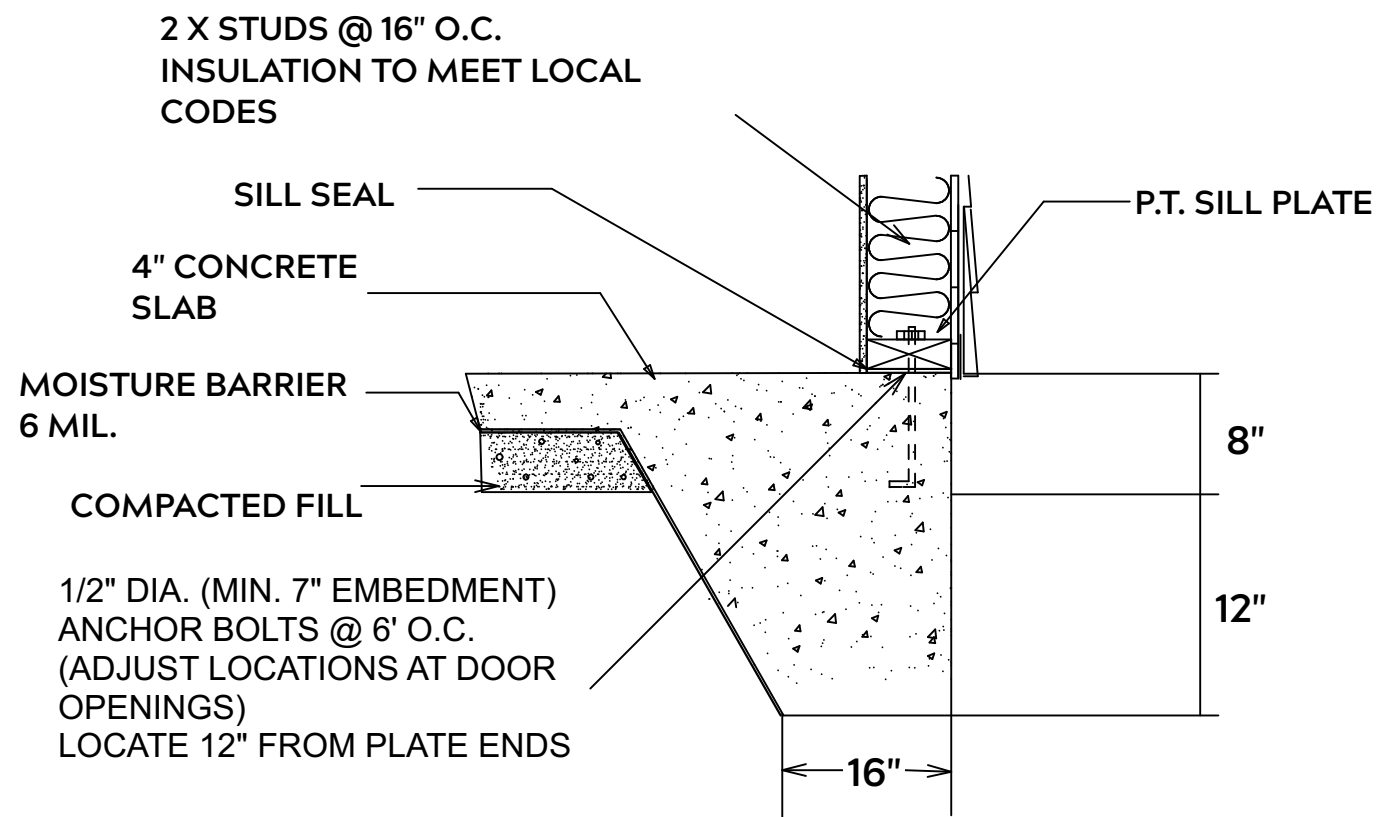
SCALE:  
 1/4" = 1'

SHEET:  
**A-1**

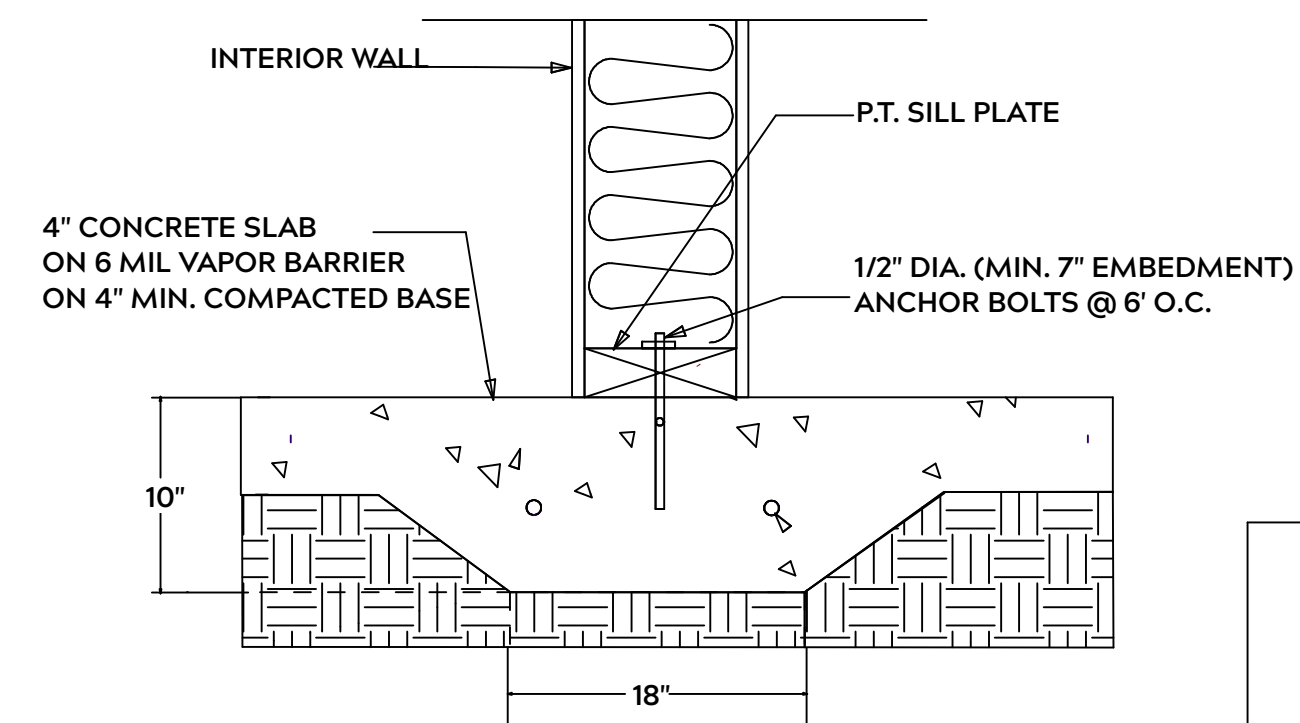


AREA SCHEDULE	
1ST FLOOR AREA	1,389 SF
2ND FLOOR AREA	954 SF
BONUS ROOM AREA	268 SF
TOTAL HEATED AREA	2,611
GARAGE	493 SF
COVERED PORCH	30 SF

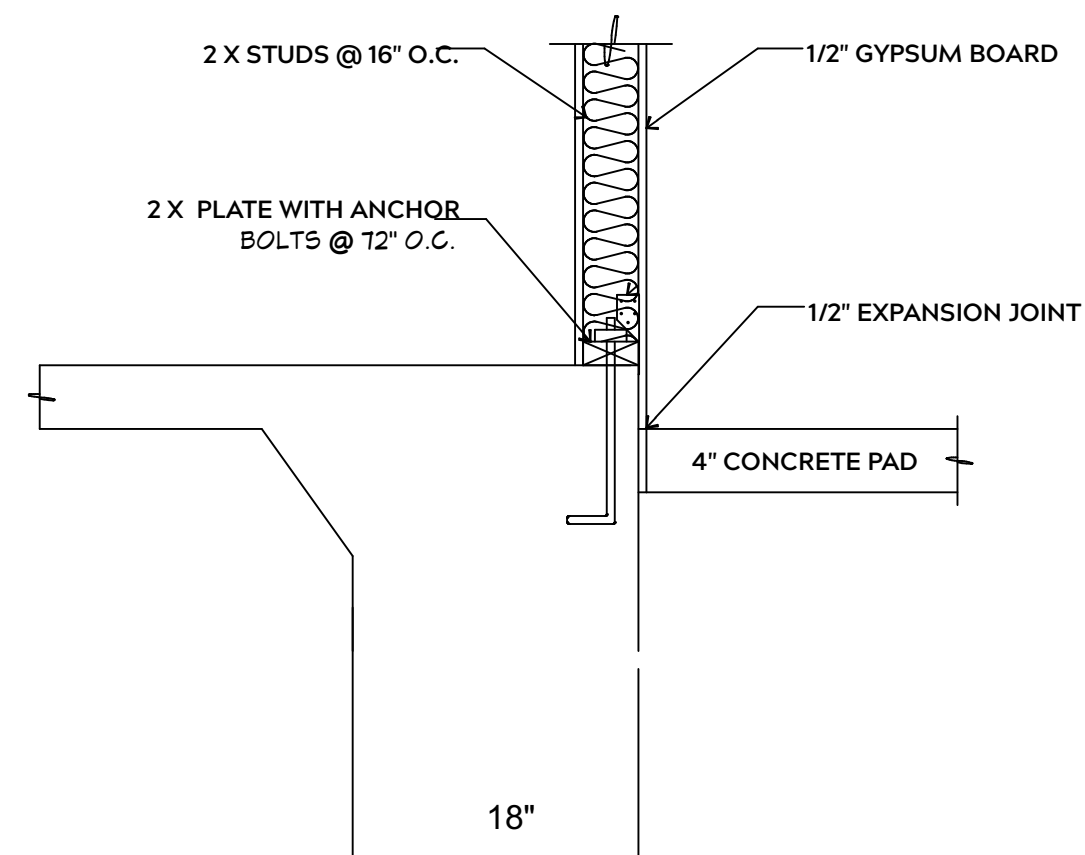
**FOUNDATION PLAN**  
Scale: 1/4" = 1'0"



**MONOLITHIC SLAB**



**LUG FOOTING**



**INTERIOR WALL @ GARAGE STEP DOWN**

**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.

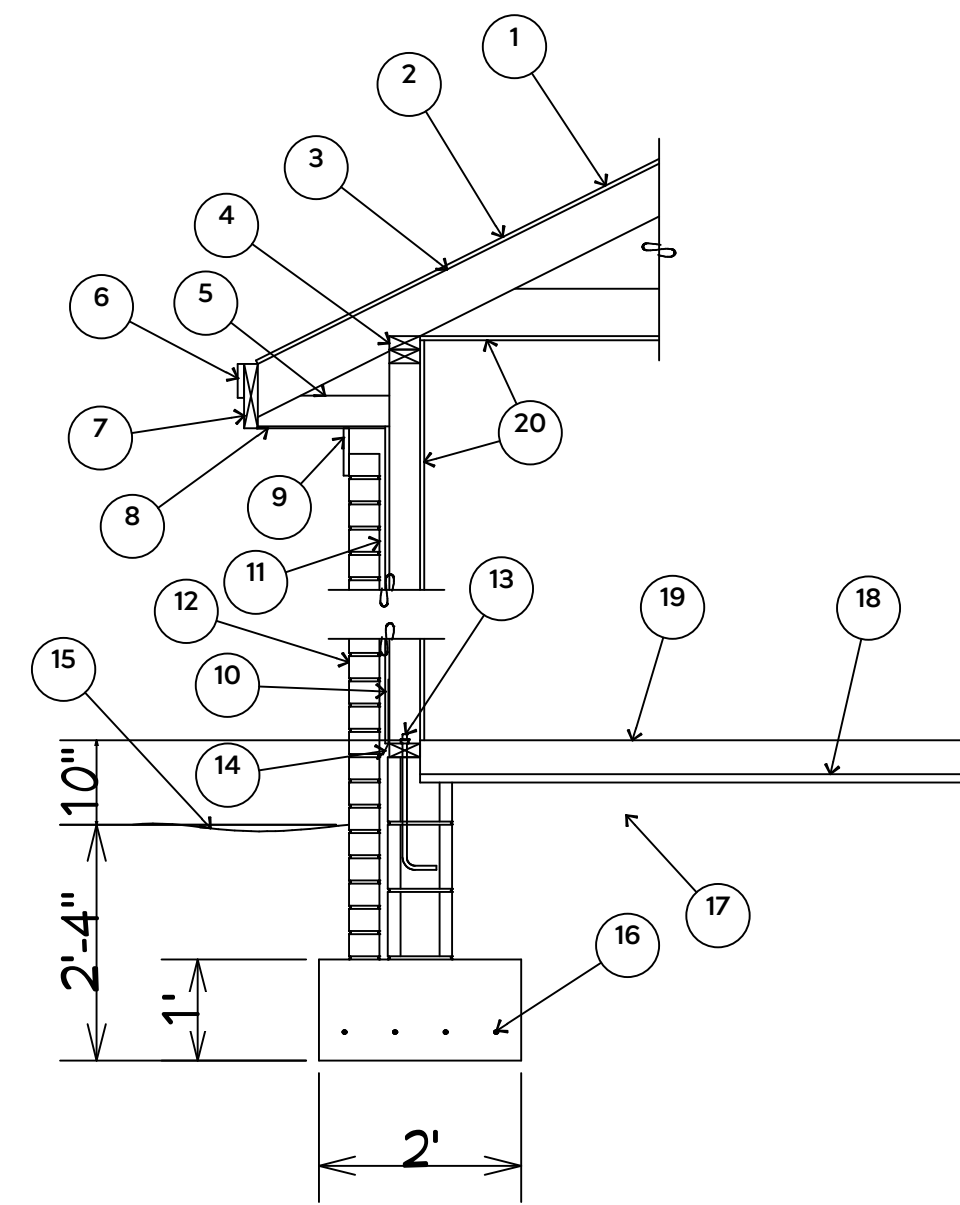
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

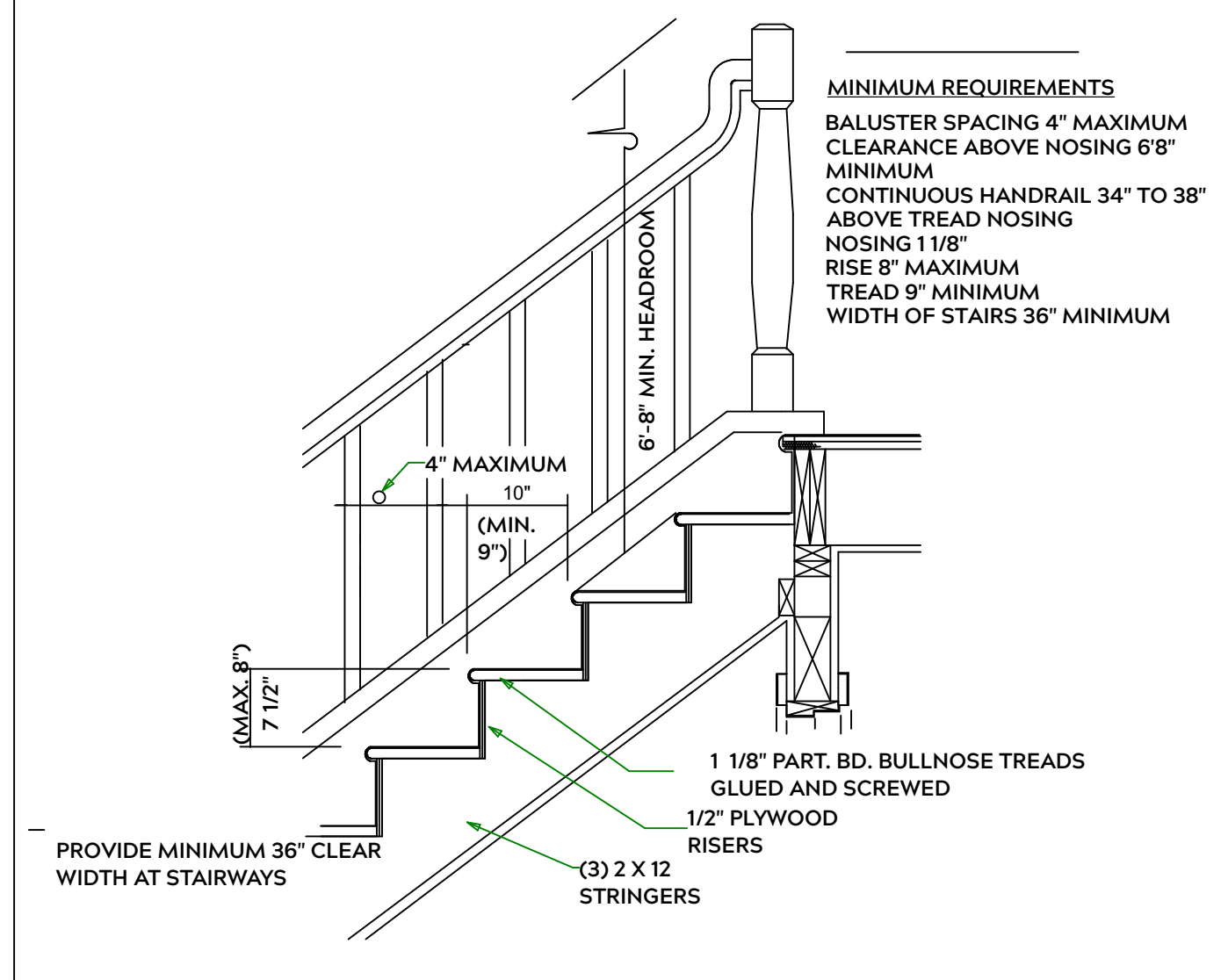
ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

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



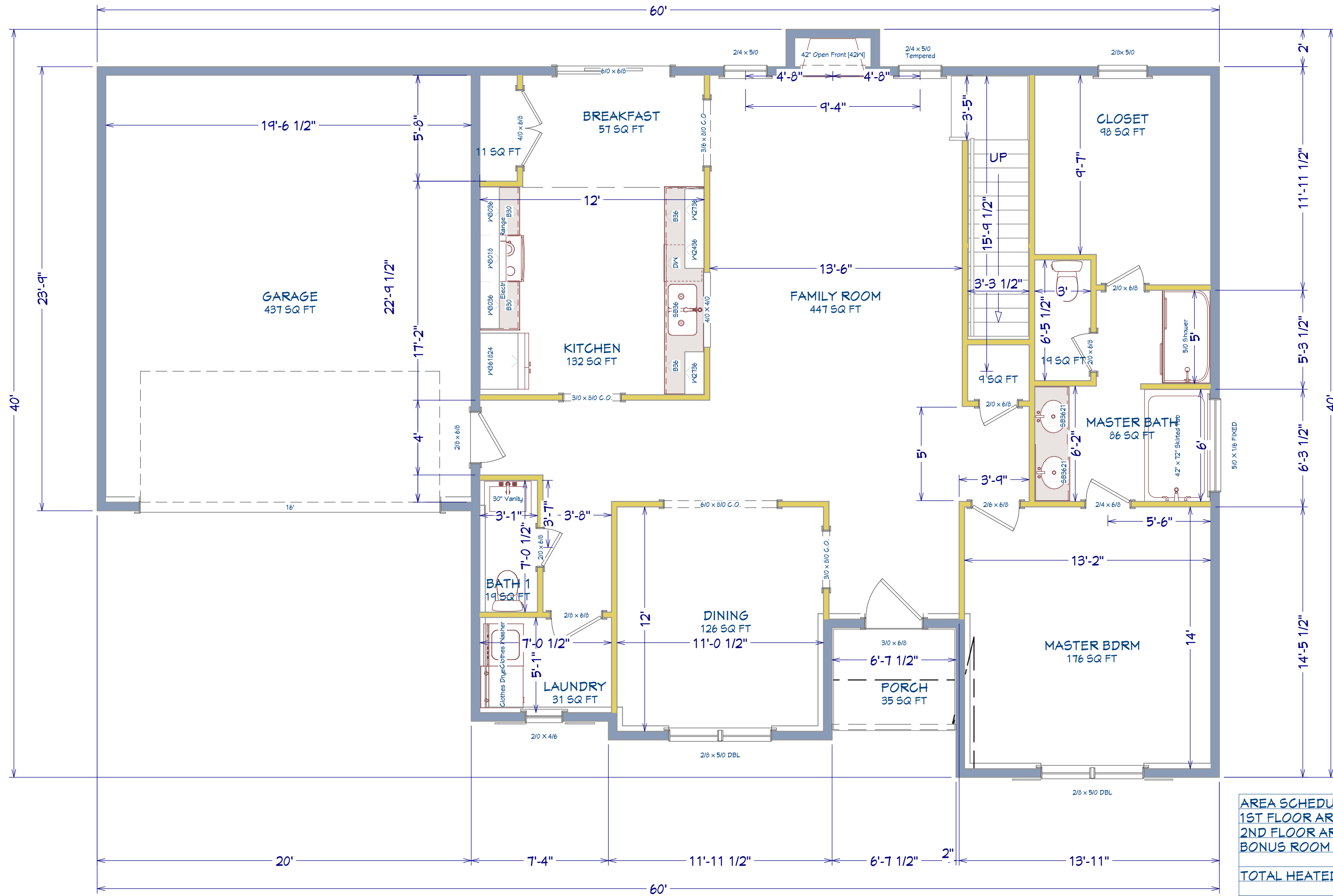
**EXTERIOR WALL SECTION**

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.
11. AIR SPACE.
12. BRICK WITH BRICK TIES PER MANUFACTURER'S SPECIFICATIONS.
13. 1/2" X 15" ANCHOR BOLTS, 6'-0" O.C., 12" FROM CORNERS.
14. FLASHING WITH WEEP HOLES @ 48" O.C.
15. FINISHED GRADE.
16. (4) #4 REBARS ALL IN SOLID FOOTING 3" OFF BOTTOM.
17. COMPACTED EARTH FILL.
18. 1" STYROFOAM WITH 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.



**STAIR DETAIL**

- MINIMUM REQUIREMENTS**
- BALUSTER SPACING 4" MAXIMUM
  - CLEARANCE ABOVE NOSING 6'8"
  - MINIMUM CONTINUOUS HANDRAIL 34" TO 38" ABOVE TREAD NOSING
  - NOSING 1 1/8"
  - RISE 8" MAXIMUM
  - TREAD 9" MINIMUM
  - WIDTH OF STAIRS 36" MINIMUM



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GARAGE	493 SF
COVERED PORCH	30 SF
TOTAL UNDER ROOF AREA	3,134 SF

SHEET TITLE:  
**1st FLOOR**

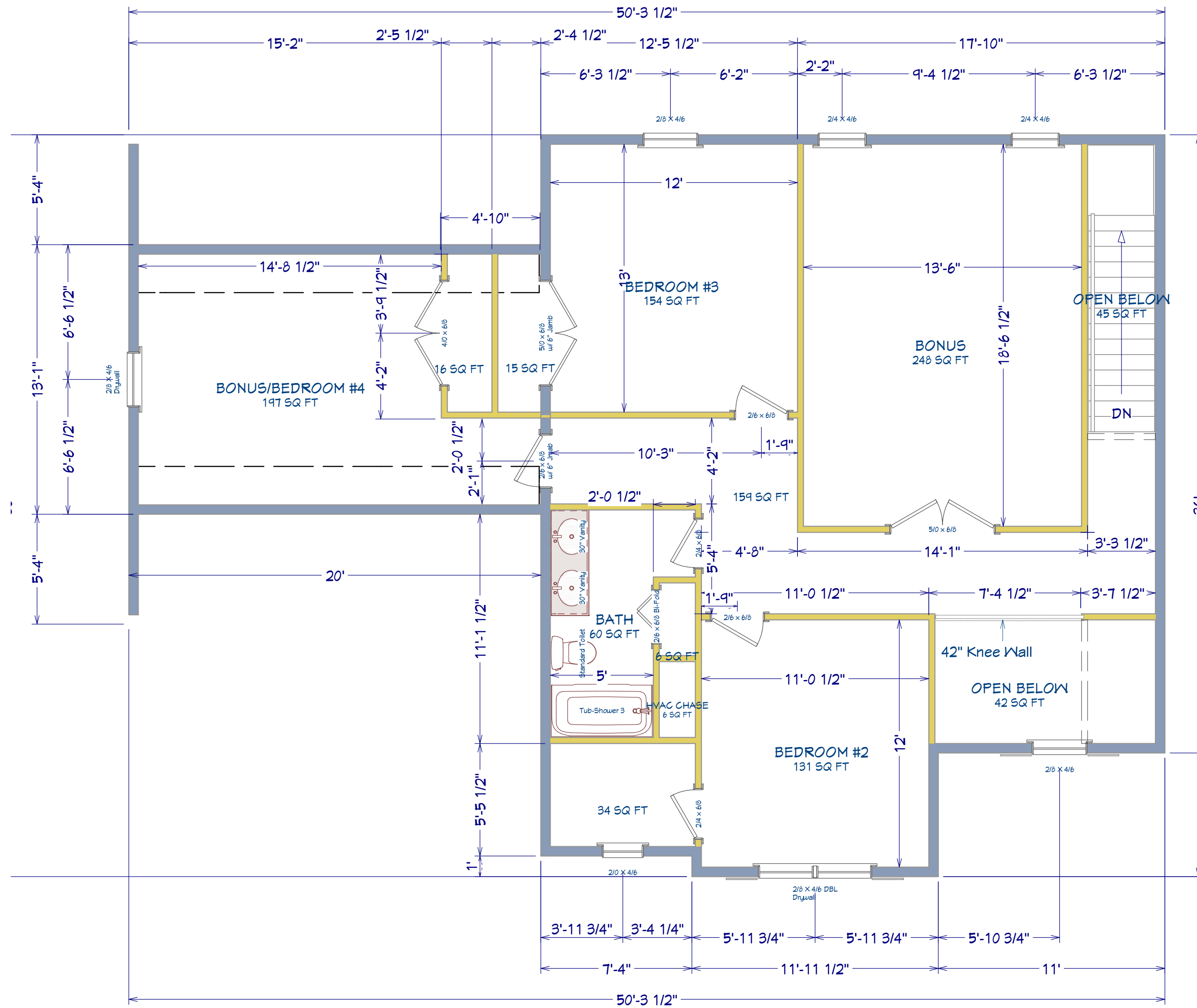
PROJECT ADDRESS:  
168 NAVAHO TRAIL  
SUMMERLIN LOT 43

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

DATE:  
11/15/20

SCALE:  
1/4" = 1'

SHEET:  
**A-4**



AREA SCHEDULE	
1ST FLOOR AREA	1,389 SF
2ND FLOOR AREA	954 SF
BONUS ROOM AREA	268 SF
<b>TOTAL HEATED AREA</b>	<b>2,611</b>
GARAGE	493 SF
COVERED PORCH	30 SF
<b>TOTAL UNDER ROOF AREA</b>	<b>3,134 SF</b>

SHEET TITLE:  
**2nd FLOOR**

PROJECT ADDRESS:  
168 NAVAHO TRAIL  
SUMMERLIN LOT 43

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

DATE:  
11/15/20

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

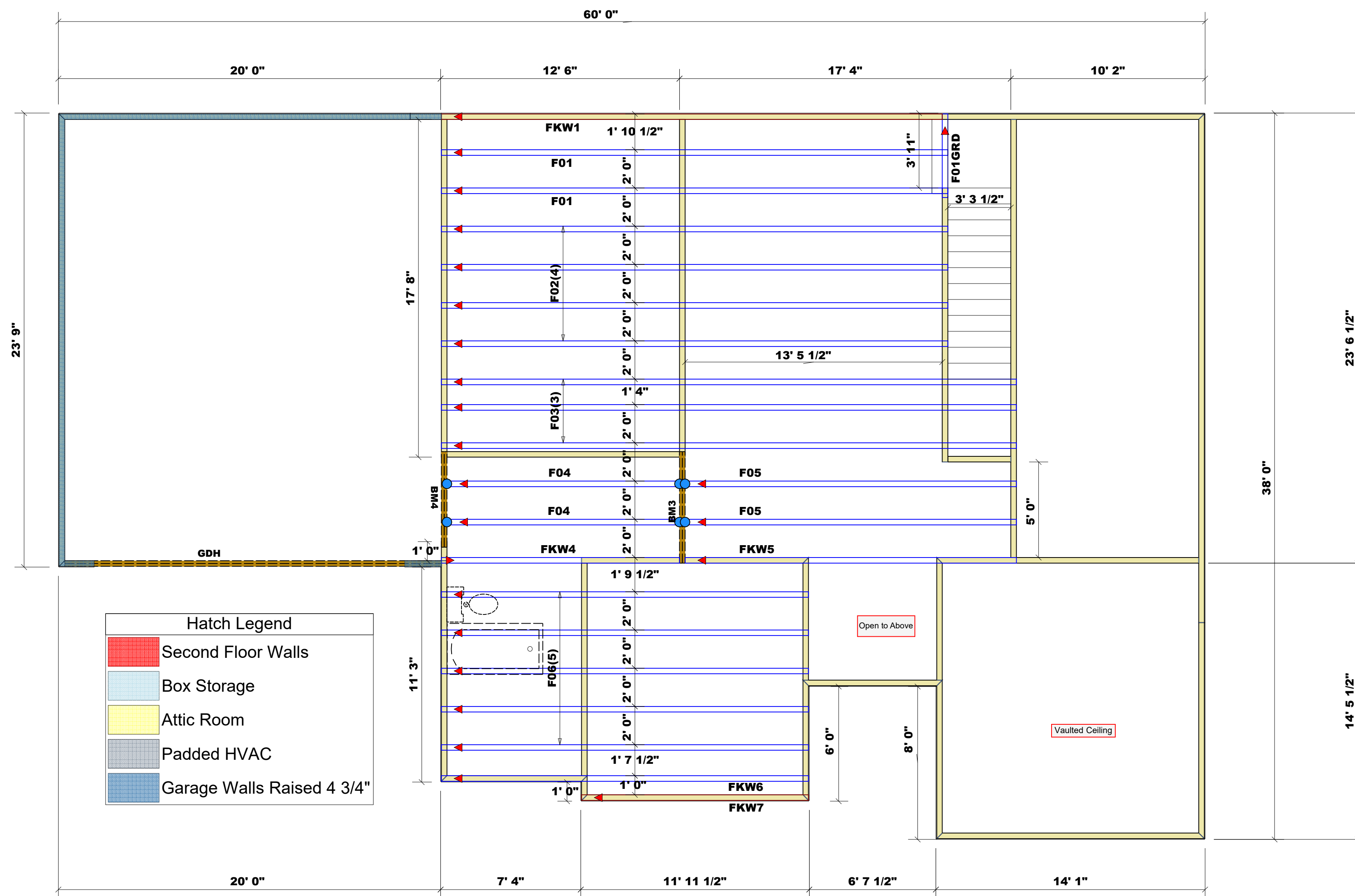
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions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

### 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'D STUDS FOR (1)PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1)PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1)PLY 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	
	Second Floor Walls
	Box Storage
	Attic Room
	Padded HVAC
	Garage Walls Raised 4 3/4"

Products				
PlotID	Length	Product	Plies	Net Qty
BM3	6' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM4	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2
GDH	20' 0"	1-3/4"x 18" LVL Kerto-S	2	2

**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

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

**All Walls Shown Are Considered Load Bearing**

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS410	USP	6	Varies	16d/3-1/2"	16d/3-1/2"

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 43 Summerlin	Ragnar 1.0 w/ Media Room	11/15/20	Quote #	J1020-4988
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	168 Navaho Trail, Sanford NC	Floor	11/18/20	Hampton Horrocks	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



# ROOF & FLOOR TRUSSES & BEAMS

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

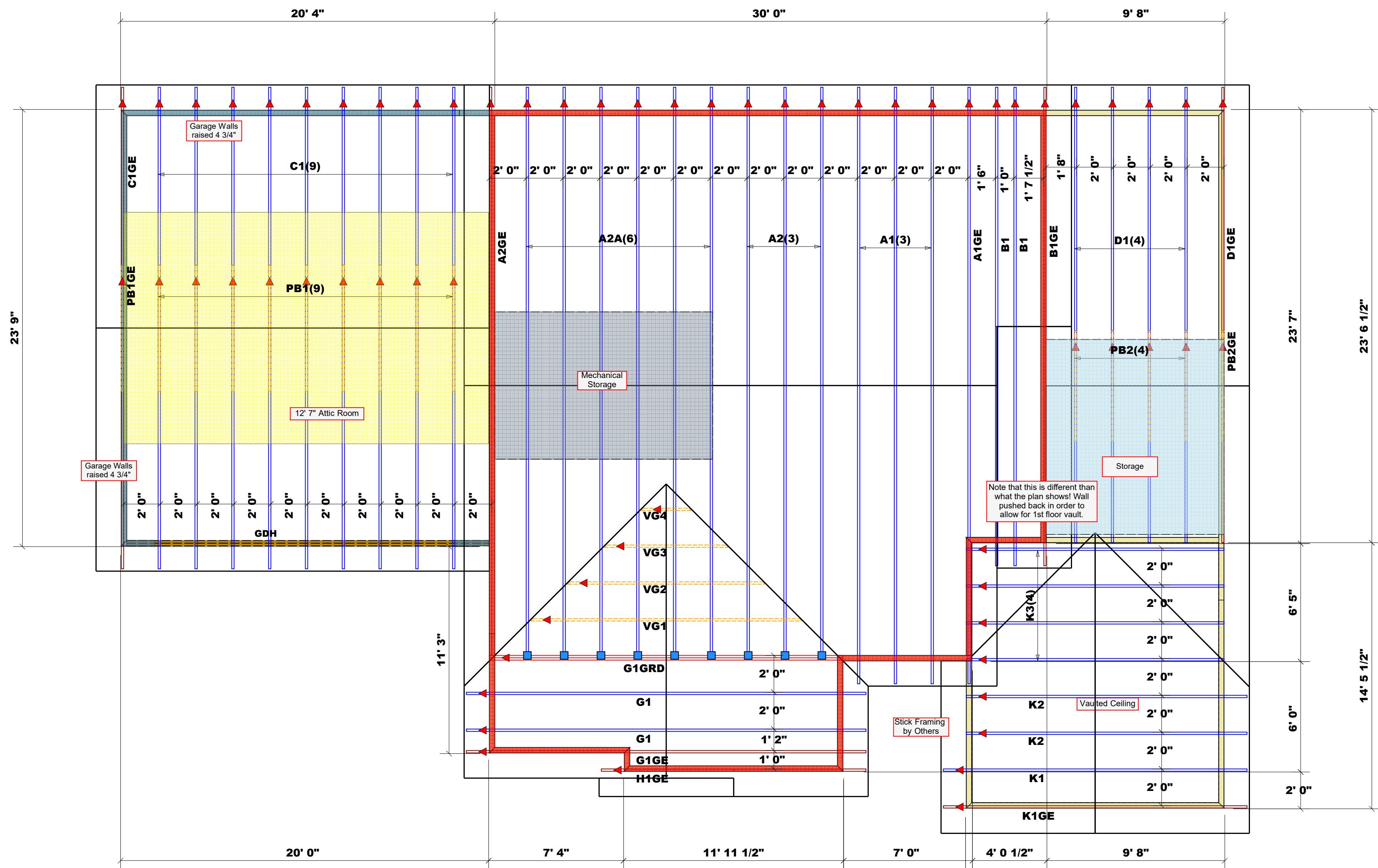
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Signature  
**Anthony Williams**

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1700	1	2550	1	3400	1
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8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



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Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	9	Varies	16d/3-1/2"	16d/3-1/2"
■	JUS26	USP	0	Varies	10d/3"	10d/3"

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

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

BUILDER	Precision Custom Homes	COUNTY	Harnett
JOB NAME	Lot 43 Summerlin	ADDRESS	168 Navaho Trail, Sanford NC
PLAN	Ragnar 1.0 w/ Media Room	MODEL	Roof
SEAL DATE	N/A	DATE REV.	11/18/20
QUOTE #	Quote #	DRAWN BY	Hampton Horrocks
JOB #	J1020-4987	SALESMAN	Neil Baggett

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