


**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

01/12/2021




**PLAN:**  
**MIDAS 2.0**



**FRONT ELEVATION**

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR  
 7'6" HEADER HEIGHT  
 8'0" CEILING HEIGHT SECOND FLOOR  
 7' HEADED HEIGHT  
 FRAME WINDOWS TO HEADER HEIGHT



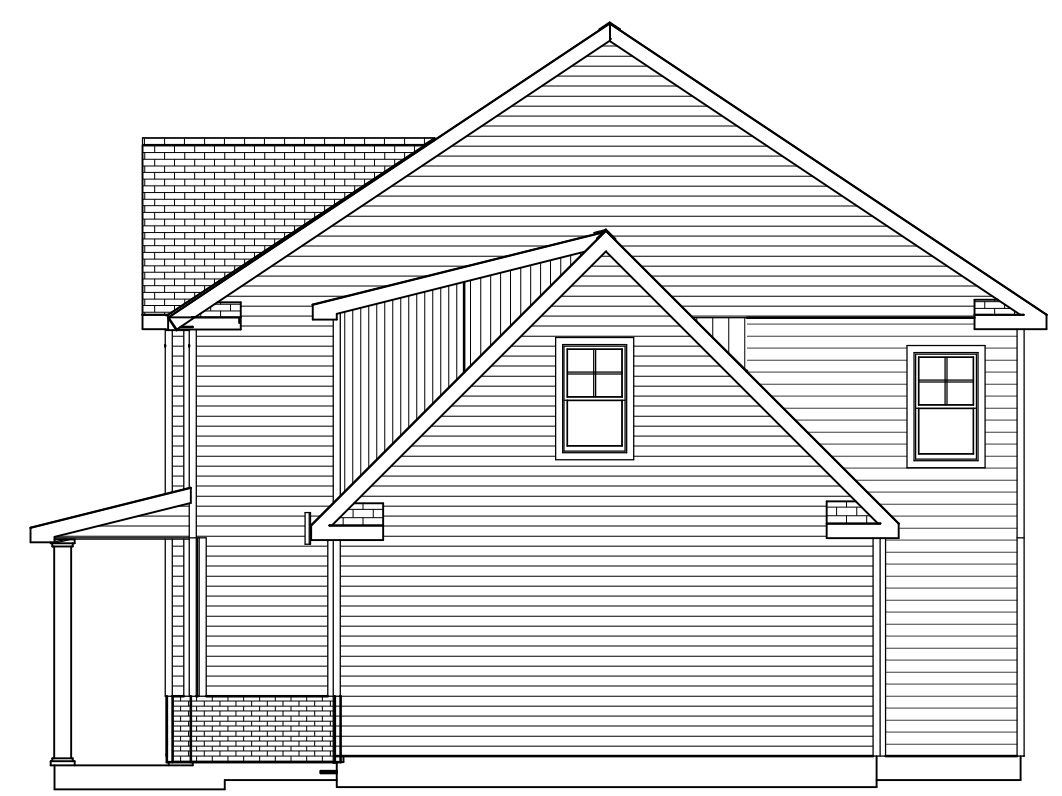
**LEFT ELEVATION**

Scale: 1/8" = 1'0"



**REAR ELEVATION**

Scale: 1/8" = 1'0"



**RIGHT ELEVATION**

Scale: 1/8" = 1'0"

SHEET TITLE:  
**ELEVATIONS**

PROJECT ADDRESS:  
 138 NAVAHO TRAIL  
 SUMMERLIN LOT 41

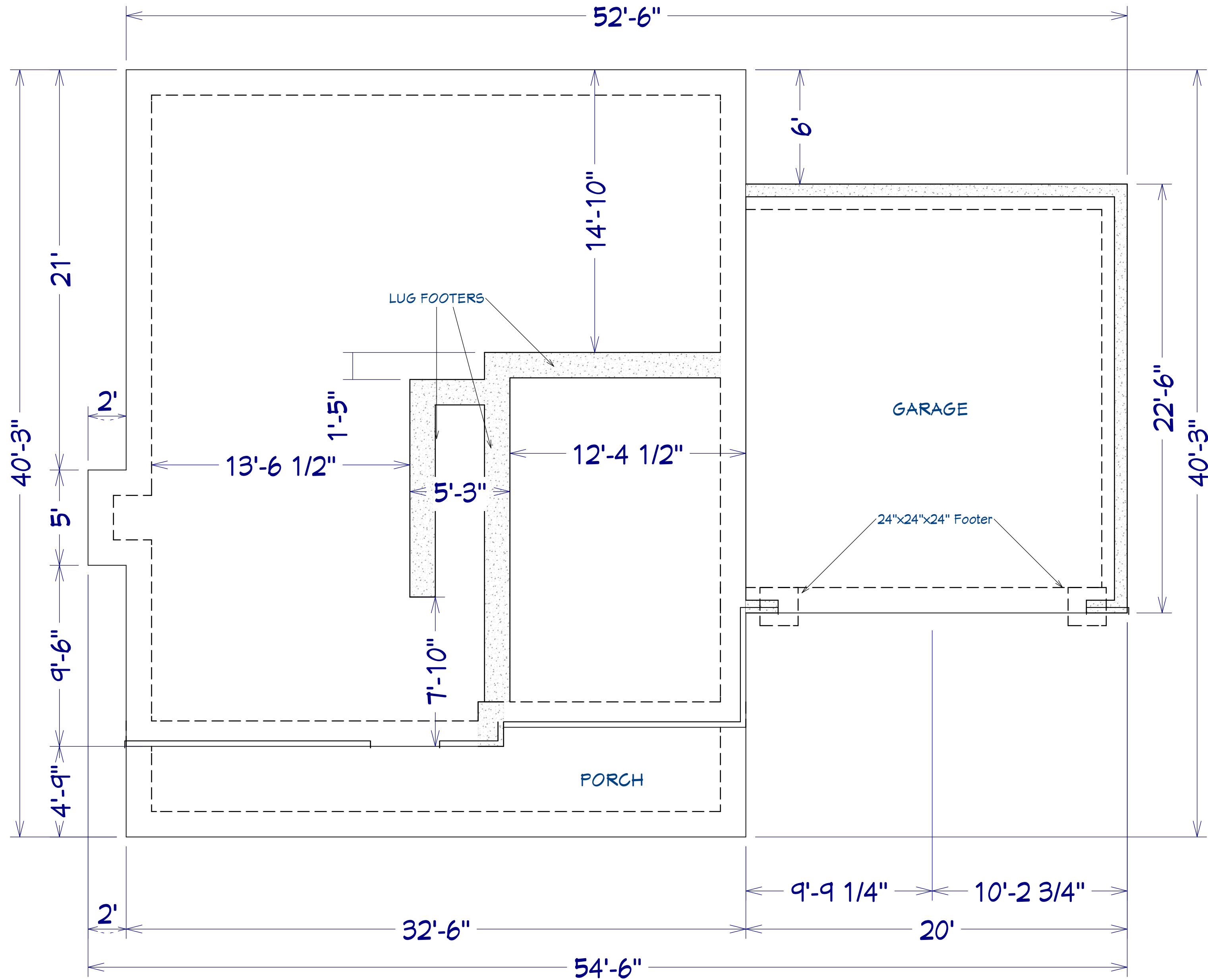
DESIGNED BY:  
 Precision Custom Homes  
 Raeford, NC  
 Shaun@PrecisionCustomHomesNC.com

DATE:  
 11/14/20

SCALE:  
 1/4" = 1'

SHEET:

**A-1**



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,112 SF
2nd FLOOR	1,131 SF
BONUS ROOM	279 SF
GARAGE	452 SF
FRONT PORCH	189 SF
TOTAL HEATED	2,522 SF
TOTAL UNDER ROOF	3,163 SF

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

SHEET TITLE:  
**FOUNDATION**

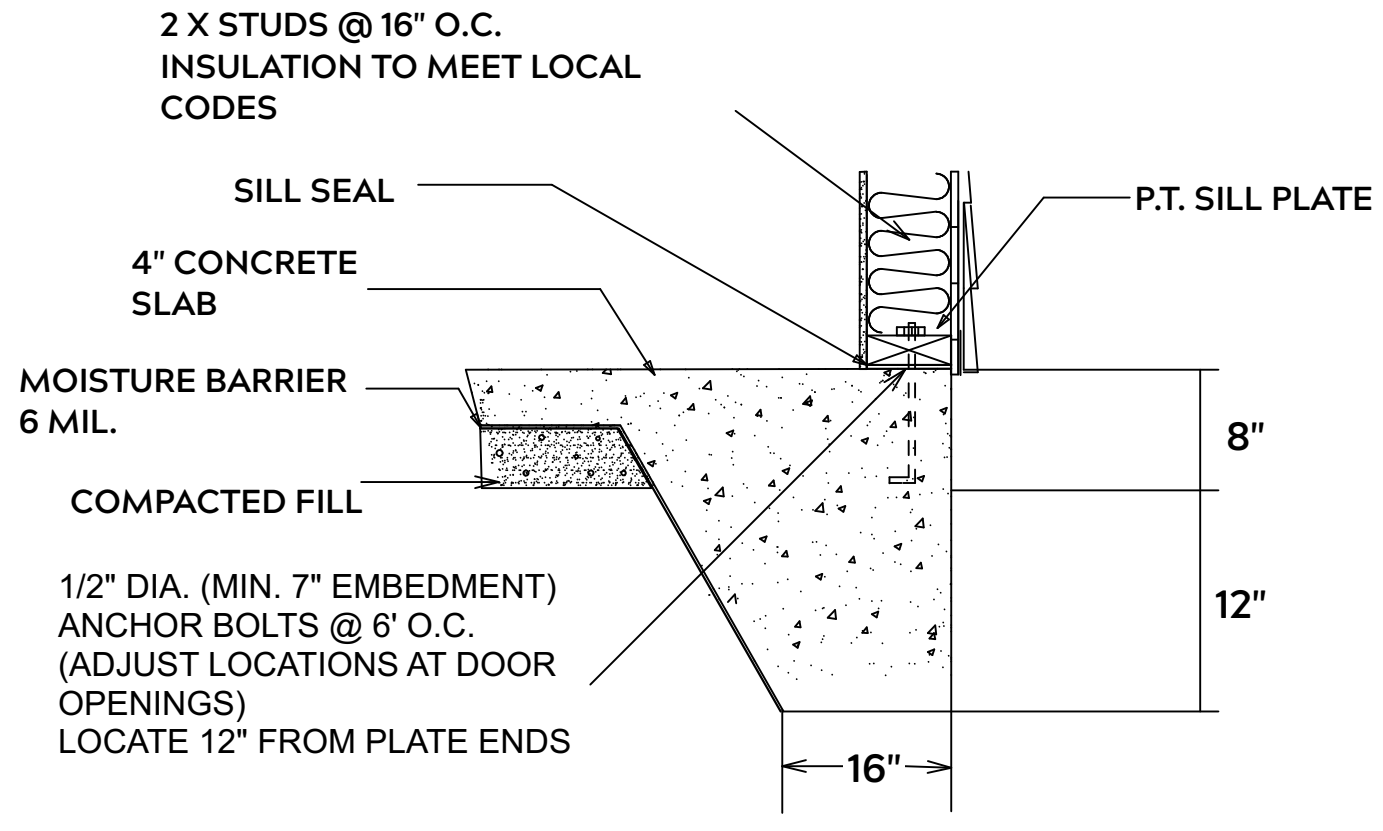
PROJECT ADDRESS:  
138 NAVAHO TRAIL  
SUMMERLIN LOT 41

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DATE:  
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SCALE:  
1/4" = 1'

SHEET:  
**A-2**



**MONOLITHIC SLAB**

**FOUNDATION NOTES:**

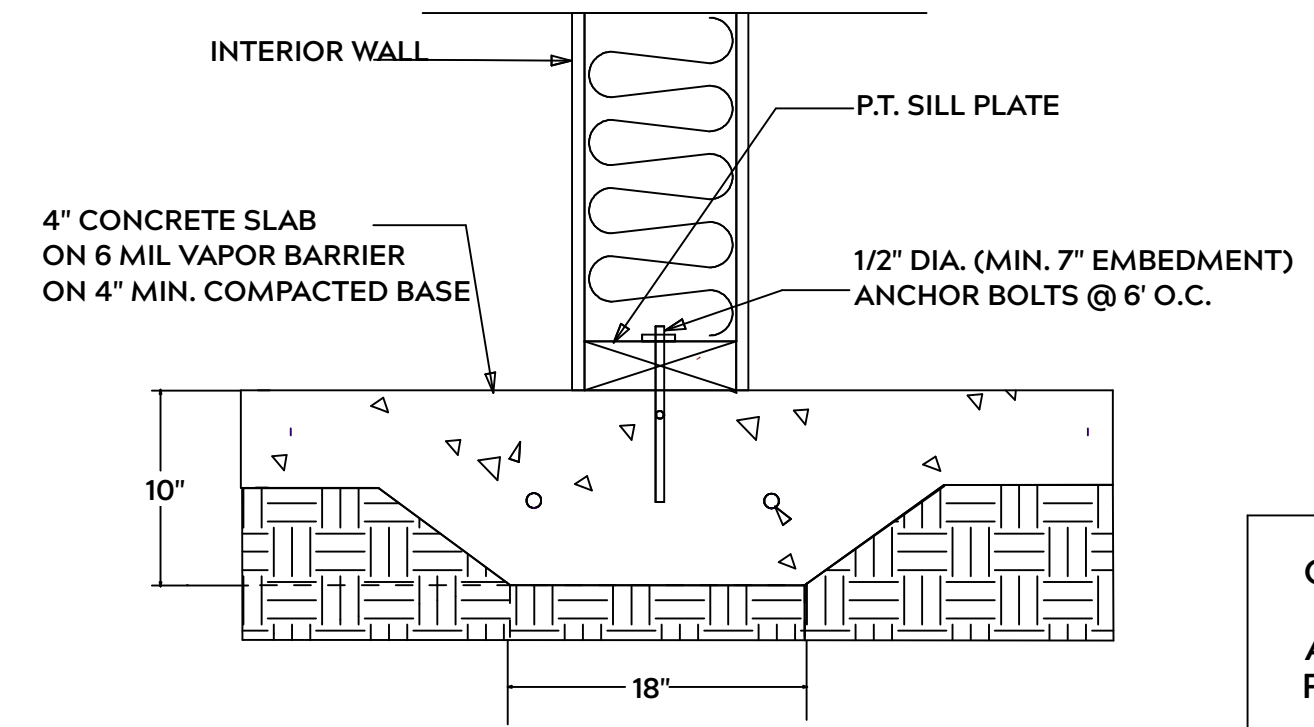
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL  
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

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.

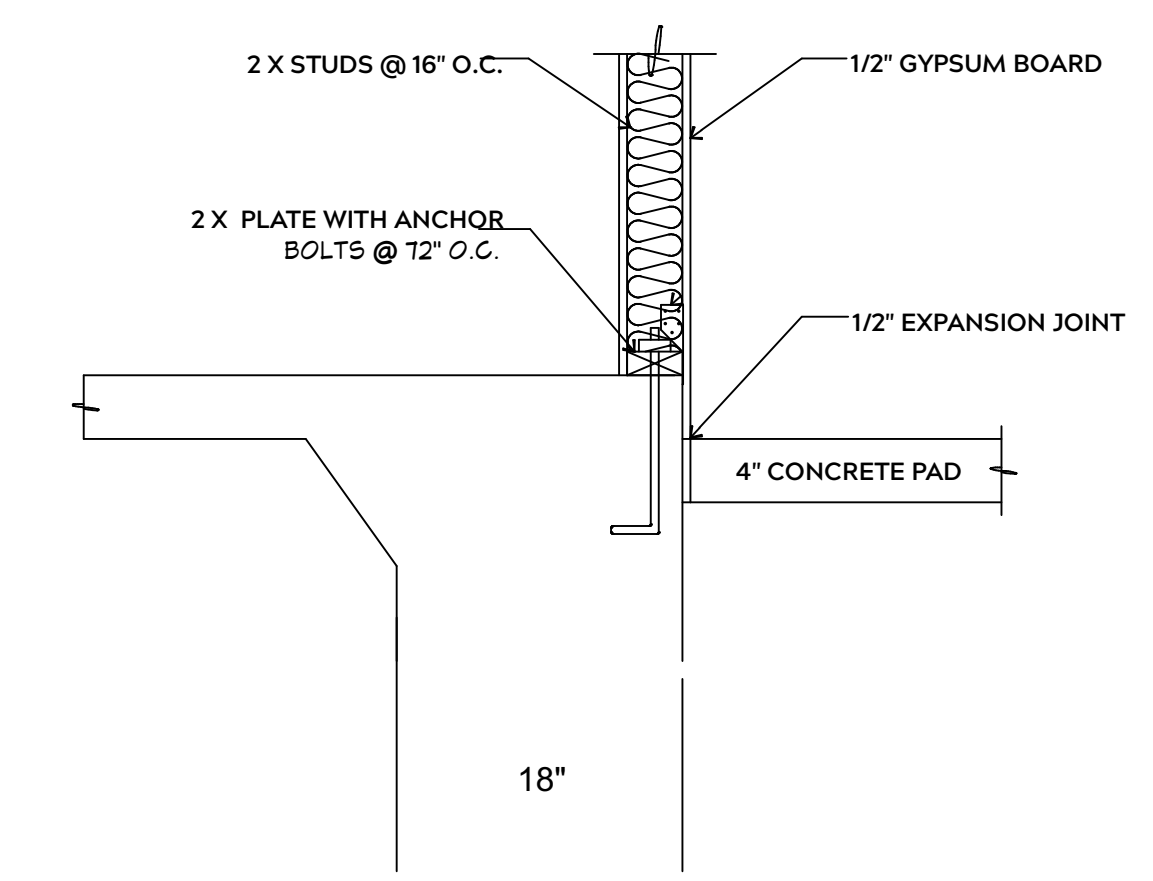
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

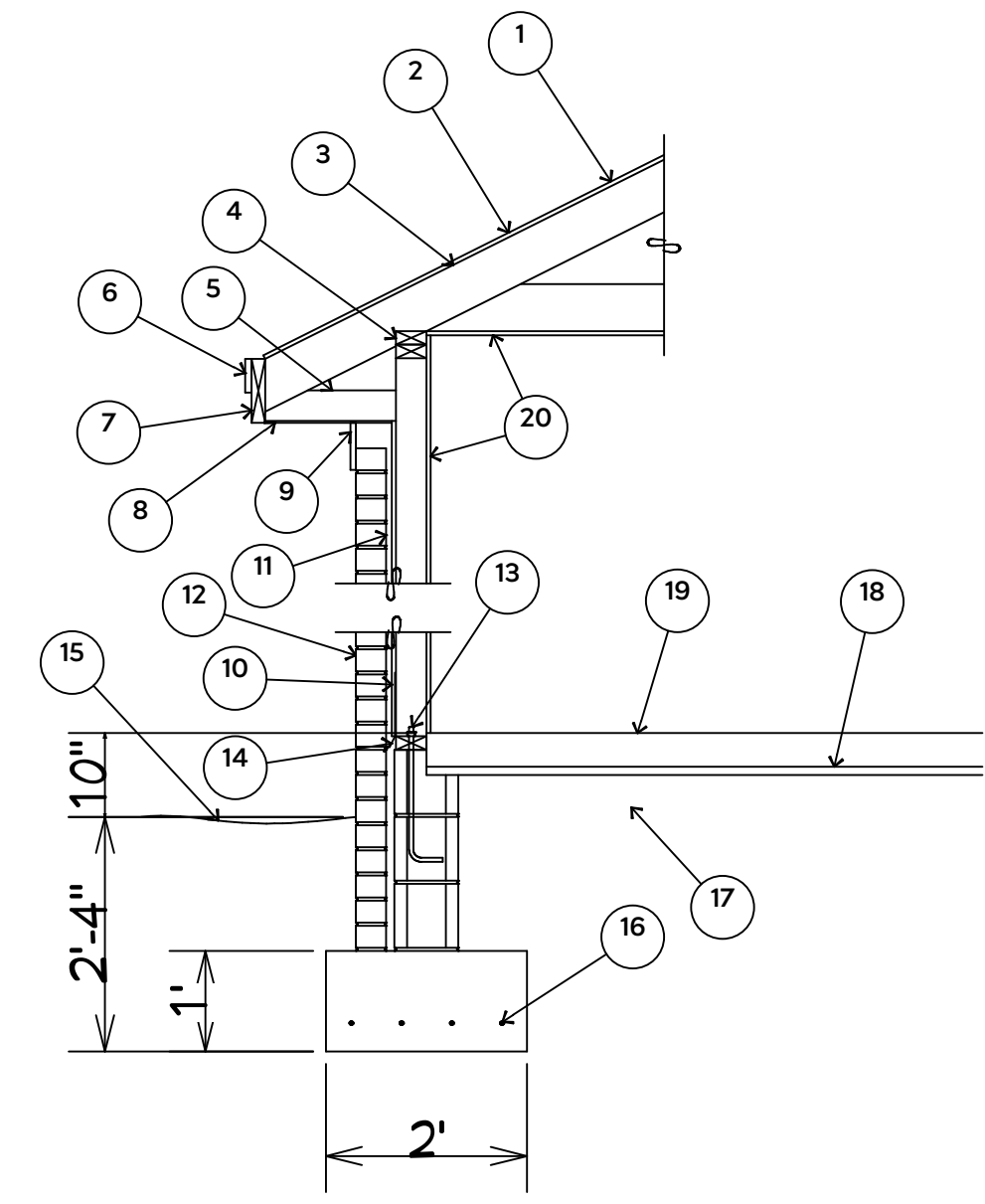
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

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)

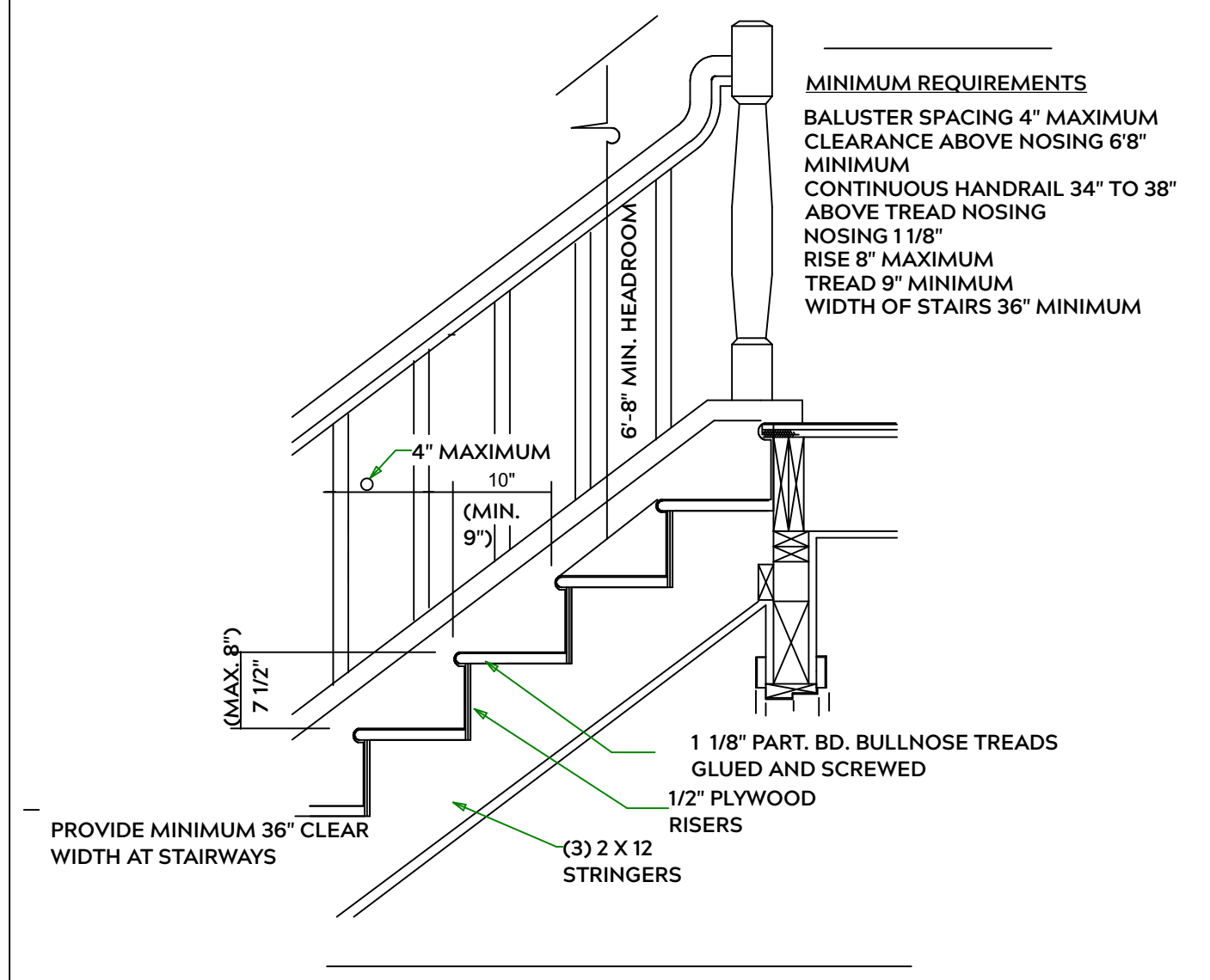


**INTERIOR WALL @ GARAGE STEP DOWN**

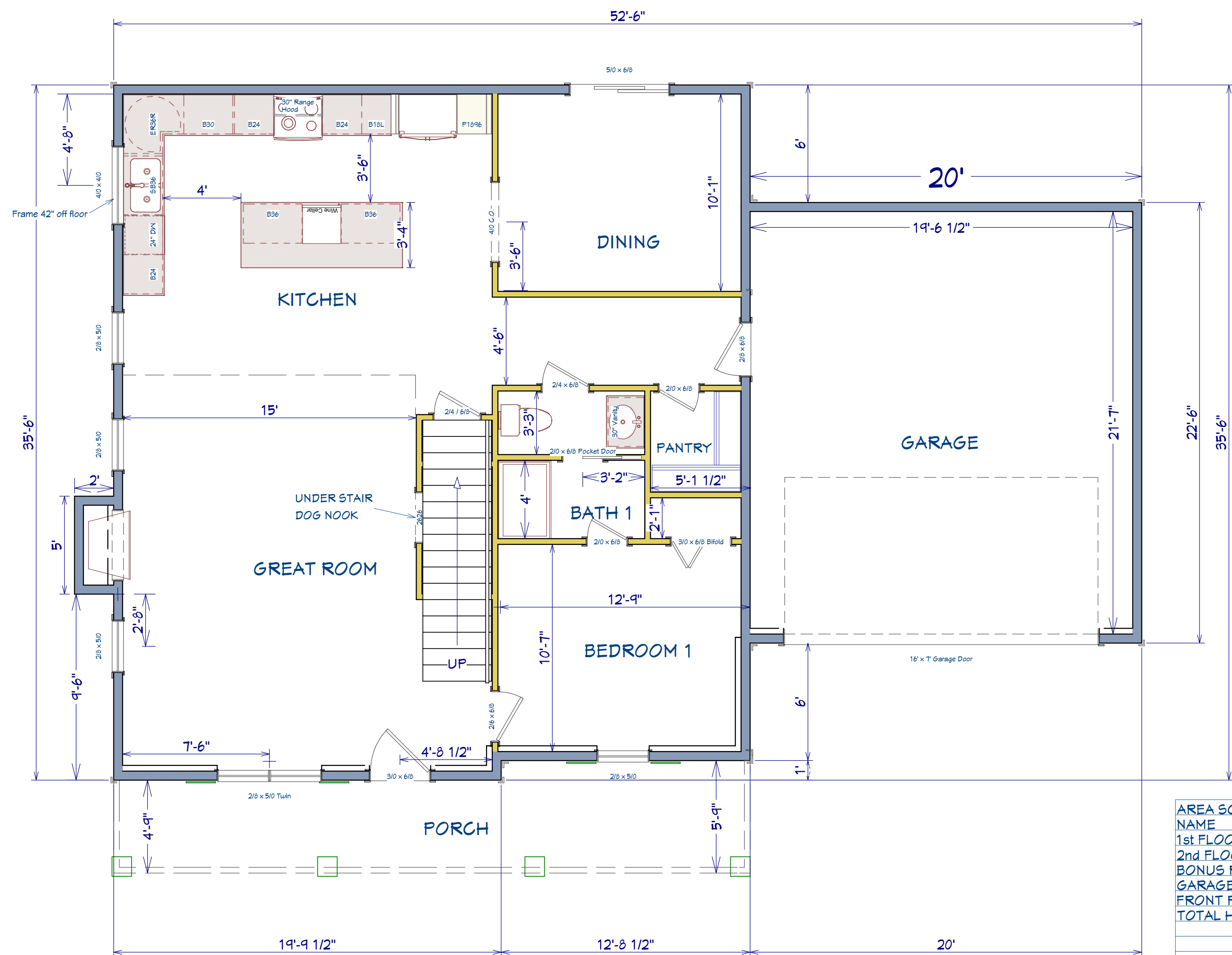


1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS / ENGINEERED TRUSSES
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA OR PVC TRIM COIL
7. 2 X FASCIA
8. 1/4" PLYWOOD OR VINYL SOFFIT
9. 1 X FREIZE BOARD (TO BE USED WITH BRICK VENEERS)
10. INSULATION BOARD.
11. AIR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

**EXTERIOR WALL SECTION**



**STAIR DETAIL**



AREA SCHEDULE NAME	AREA
1st FLOOR	1,112 SF
2nd FLOOR	1,131 SF
BONUS ROOM	279 SF
GARAGE	452 SF
FRONT PORCH	189 SF
TOTAL HEATED	2,522 SF
TOTAL UNDER ROOF	3,163 SF

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

SHEET TITLE:  
**1st FLOOR**

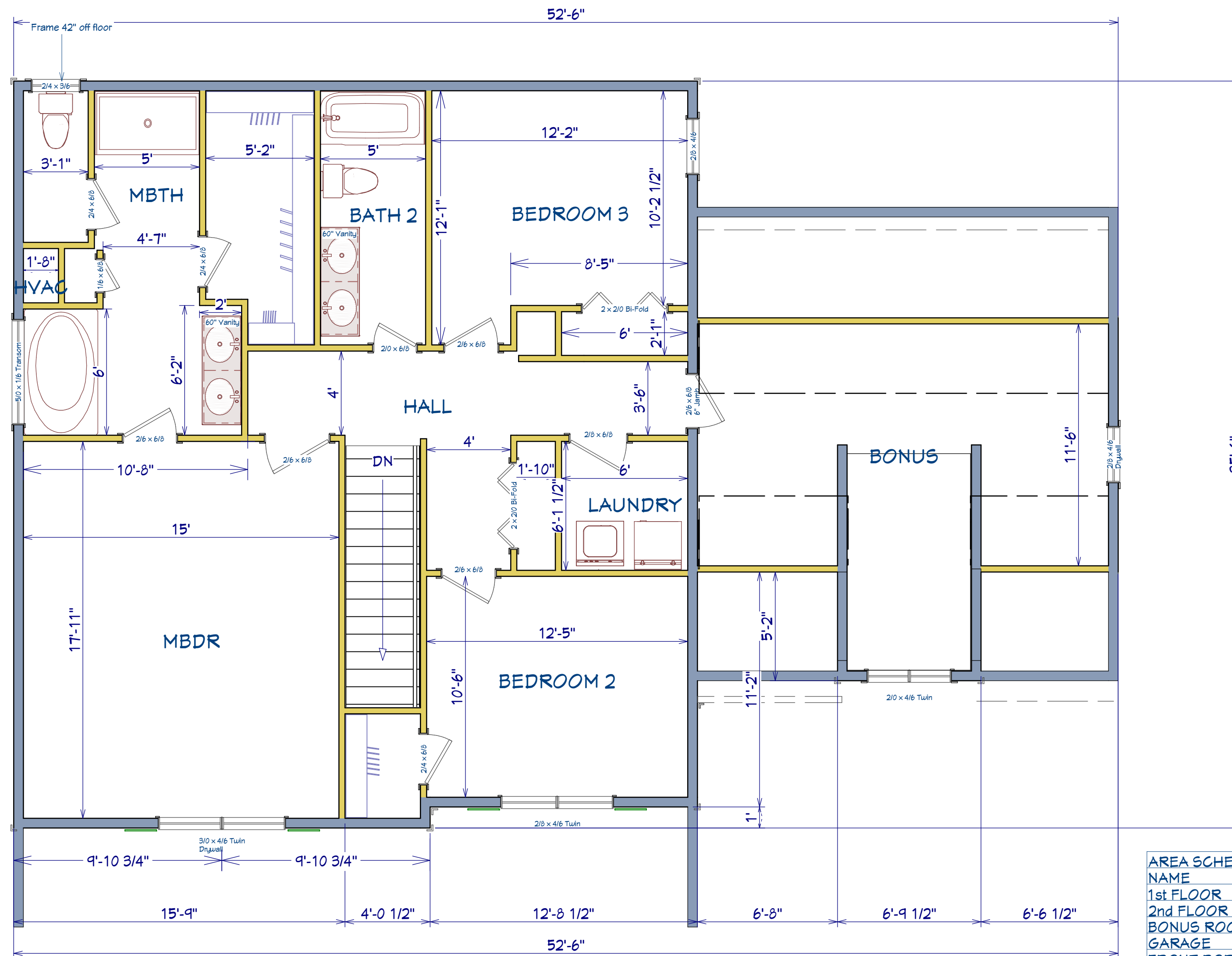
PROJECT ADDRESS:  
138 NAVAHO TRAIL  
SUMMERLIN LOT 41

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

DATE:  
11/14/20

SCALE:  
1/4" = 1'

SHEET:  
**A-4**



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,112 SF
2nd FLOOR	1,131 SF
BONUS ROOM	279 SF
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**2nd Floor**  
Scale: 1/4" = 1'0"

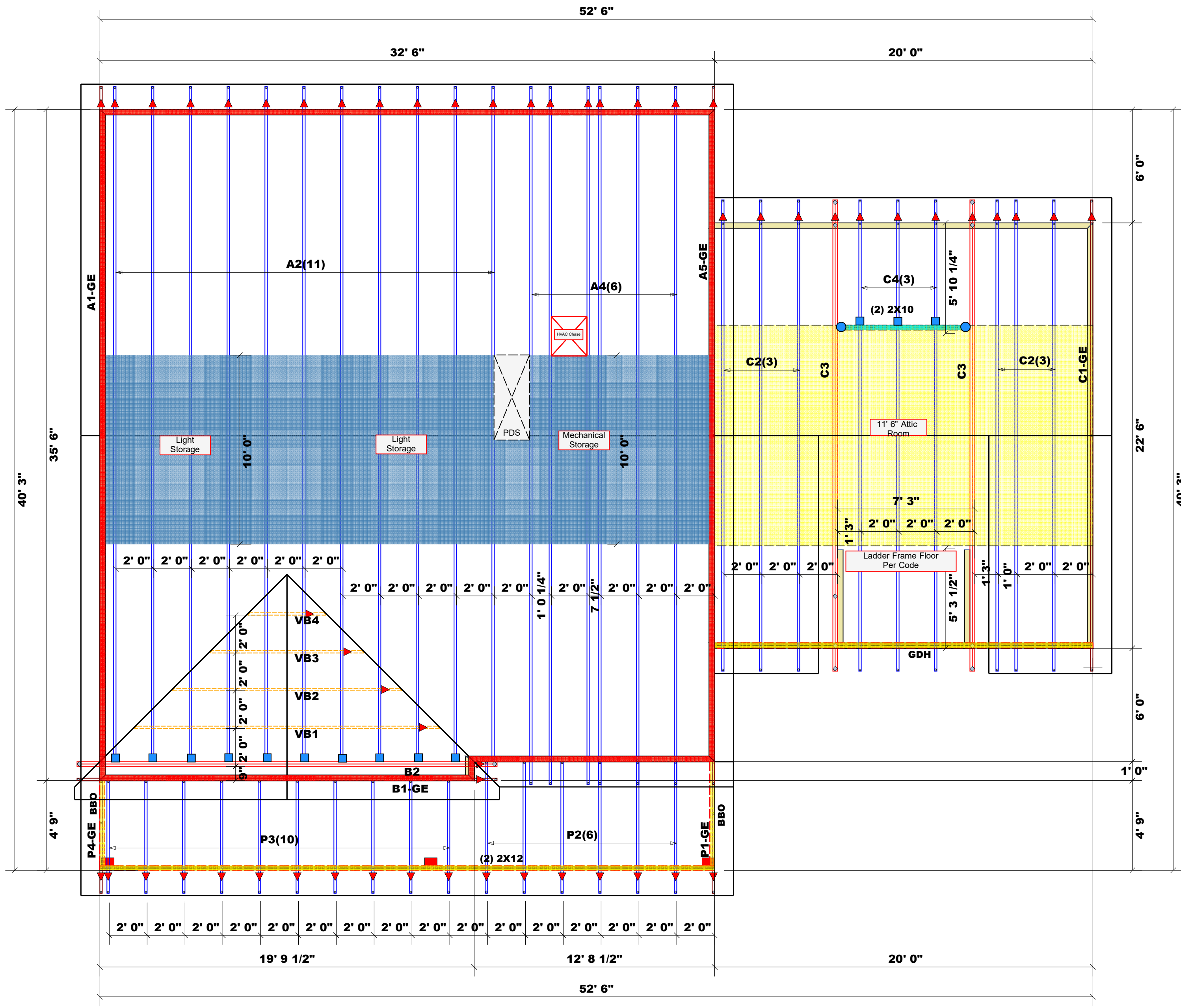


# ROOF & FLOOR TRUSSES & BEAMS

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 \_\_\_\_\_  
**Neil Baggett**



**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 = 2493.1 sq.ft.  
Ridge Line = 67.4 ft.  
Hip Line = 0 ft.  
Horiz. OH = 126.71 ft.  
Raked OH = 229.99 ft.  
Decking = 86 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: 1/4"=1'

**Hatch Legend**

Drop Beam
Flush Beam
2nd Floor Walls @ 8' 1 1/2"
Mechanical & Light Storage

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
●	HUS410	USP	10	Varies	16d/3-1/2" / 16d/3-1/2"
●	MSH422	USP	3	Varies	10d/3" / 10d/3"
■	HUS26	USP	13	Varies	16d/3-1/2" / 16d/3-1/2"

**Products**

PlotID	Length	Product	Plies	Net Qty
BM2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM1	16' 0"	1-3/4"x 14" LVL Kerto-S	2	2
GDH	20' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2

**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 (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY BEAM	END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY BEAM
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				

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes & Renovations	Lot 41 Summerlin	Midas 2.0	11/14/2020	Quote #	J0920-4496

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 41 Summerlin	Roof	11/16/2020	Neil Baggett	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 @ sbciindustry.com



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**Hatch Legend**

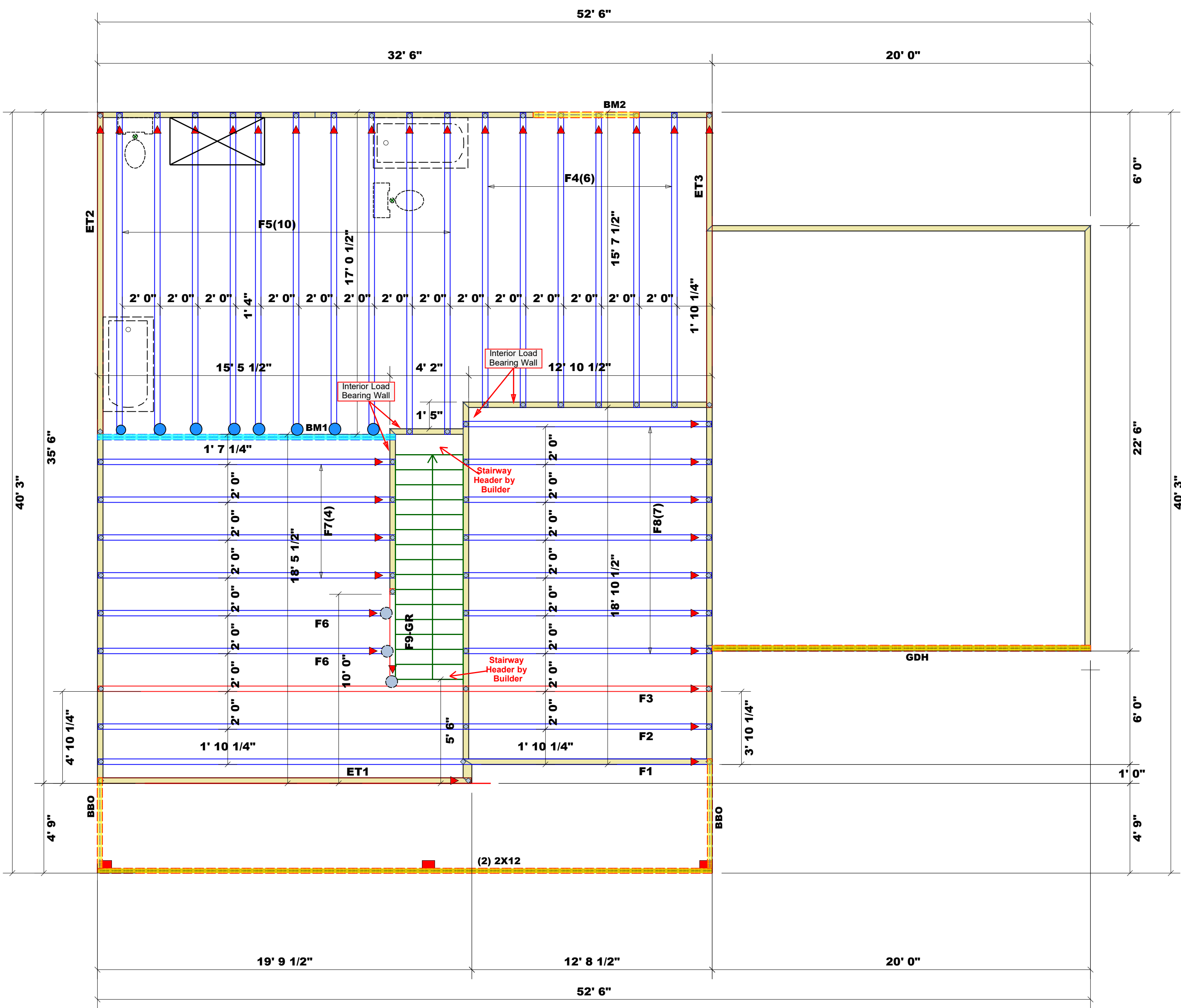
[Yellow Hatch]	Drop Beam
[Cyan Hatch]	Flush Beam
[Red Hatch]	2nd Floor Walls @ 8' 1 1/2"
[Blue Hatch]	Mechanical & Light Storage

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BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes & Renovations	Lot 41 Summerlin	Midas 2.0	11/14/2020	Quote #	J0920-4497

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 41 Summerlin	Floor	11/16/2020	Neil Baggett	Neil Baggett

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