

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.

02/11/2021




PLAN:
 Roark 2.0



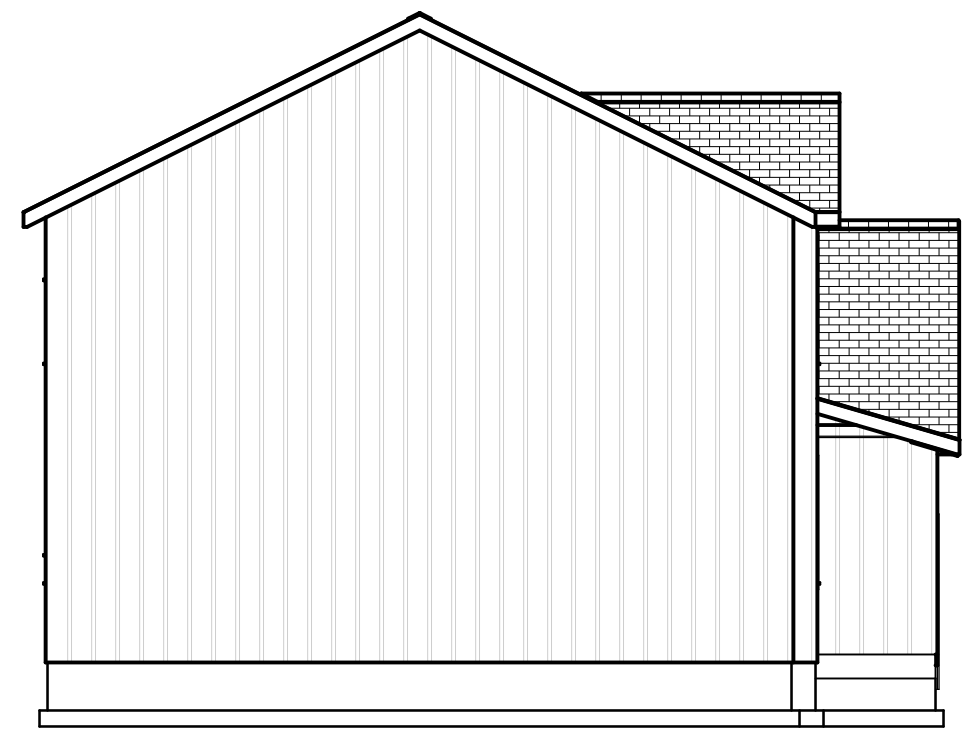
FRONT ELEVATION

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



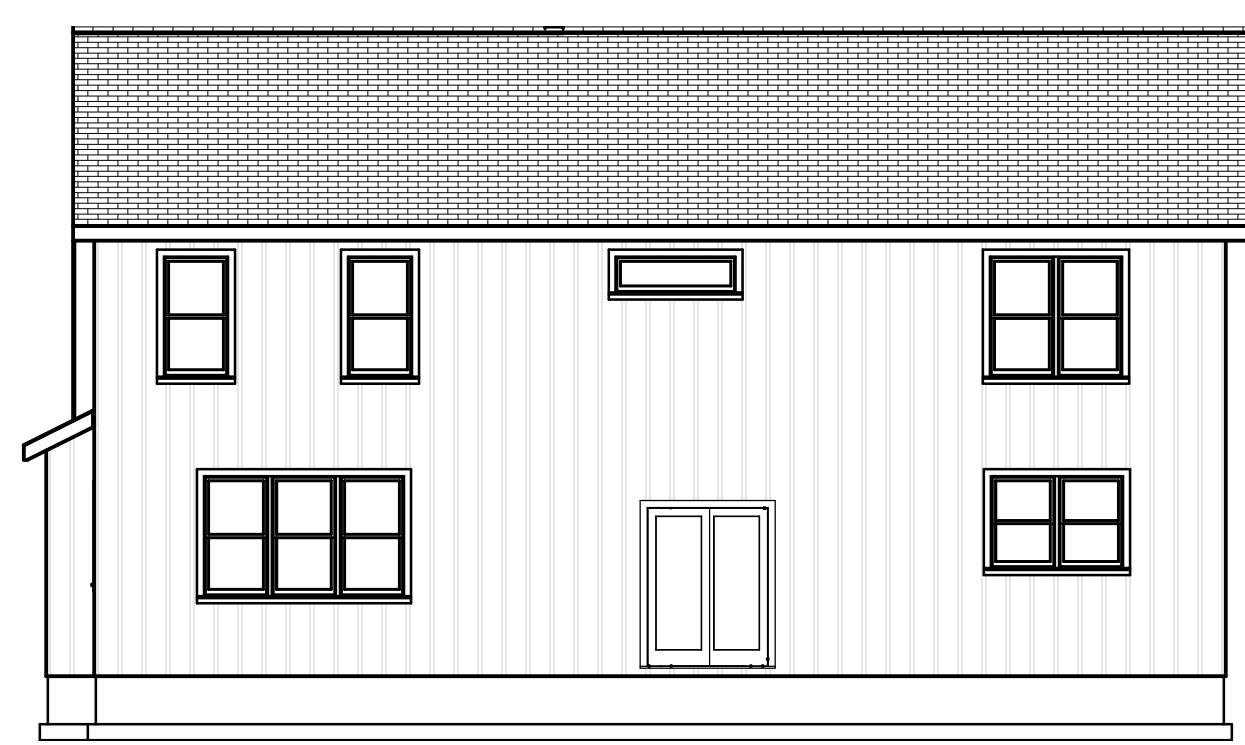
LEFT ELEVATION

Scale: 1/8" = 1'0"



RIGHT ELEVATION

Scale: 1/8" = 1'0"



REAR ELEVATION

Scale: 1/8" = 1'0"

SHEET TITLE:
ELEVATIONS

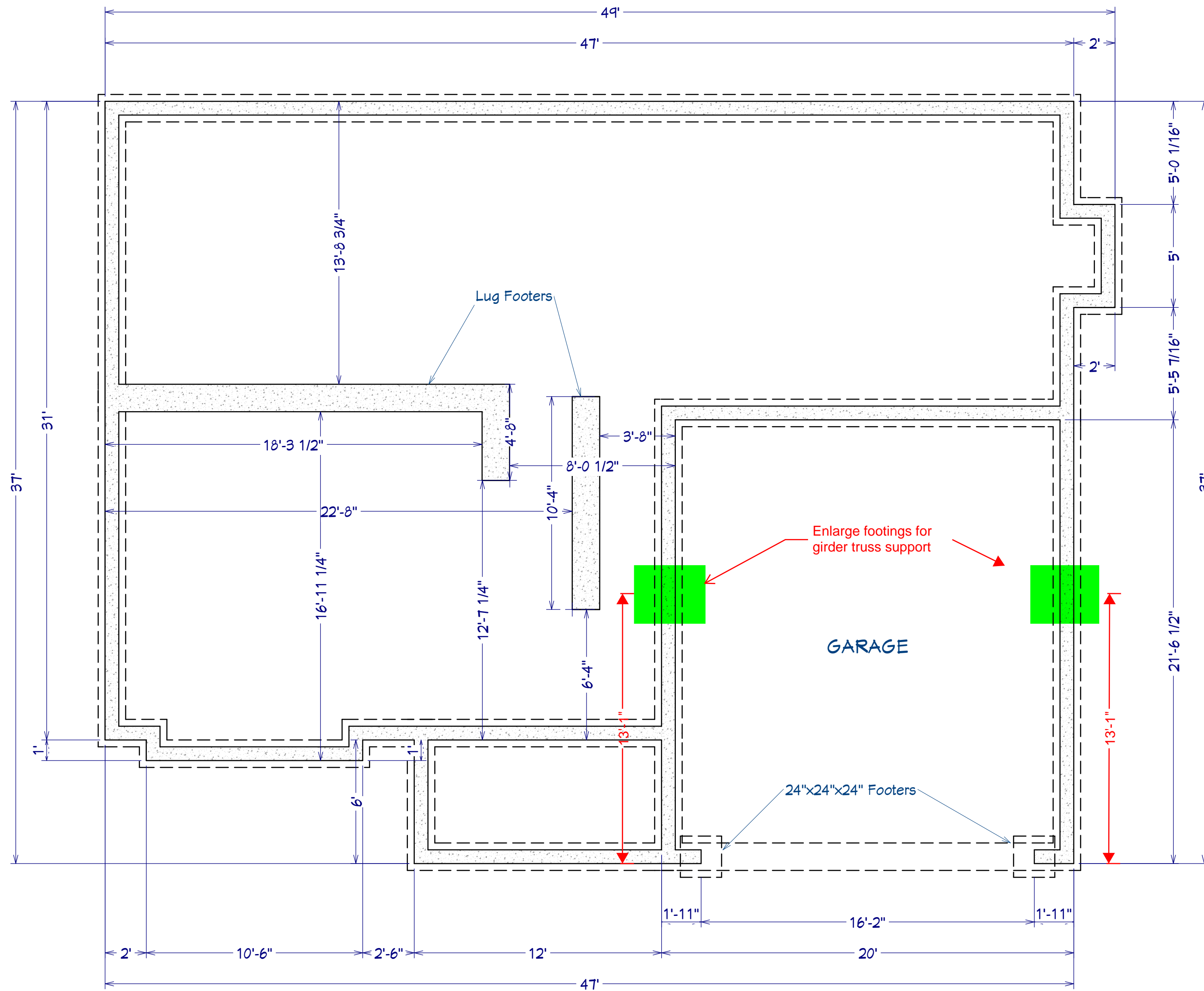
PROJECT ADDRESS:
 111 SUMMERLIN DR.
 SUMMERLIN 58

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

DATE:
 1/14/21

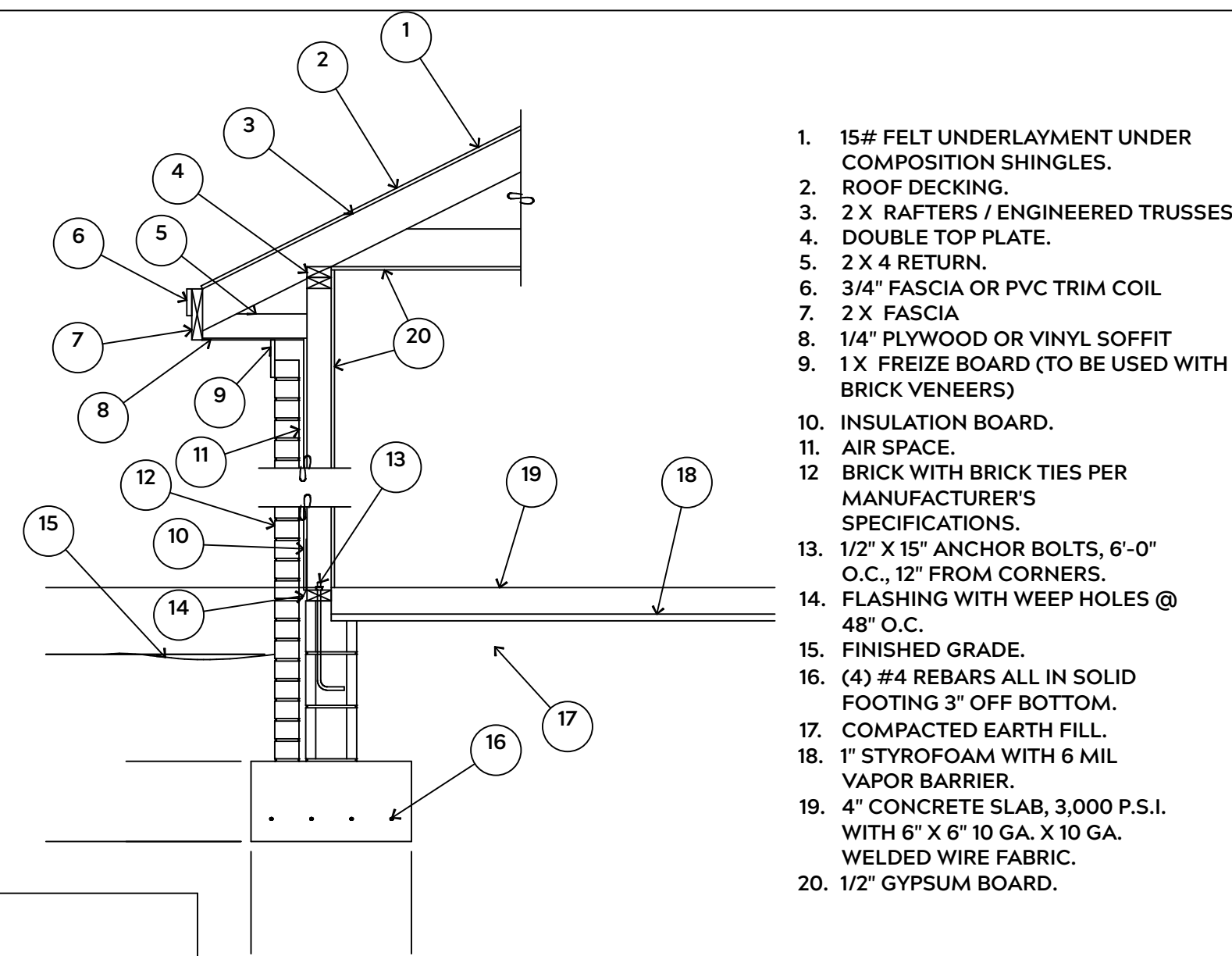
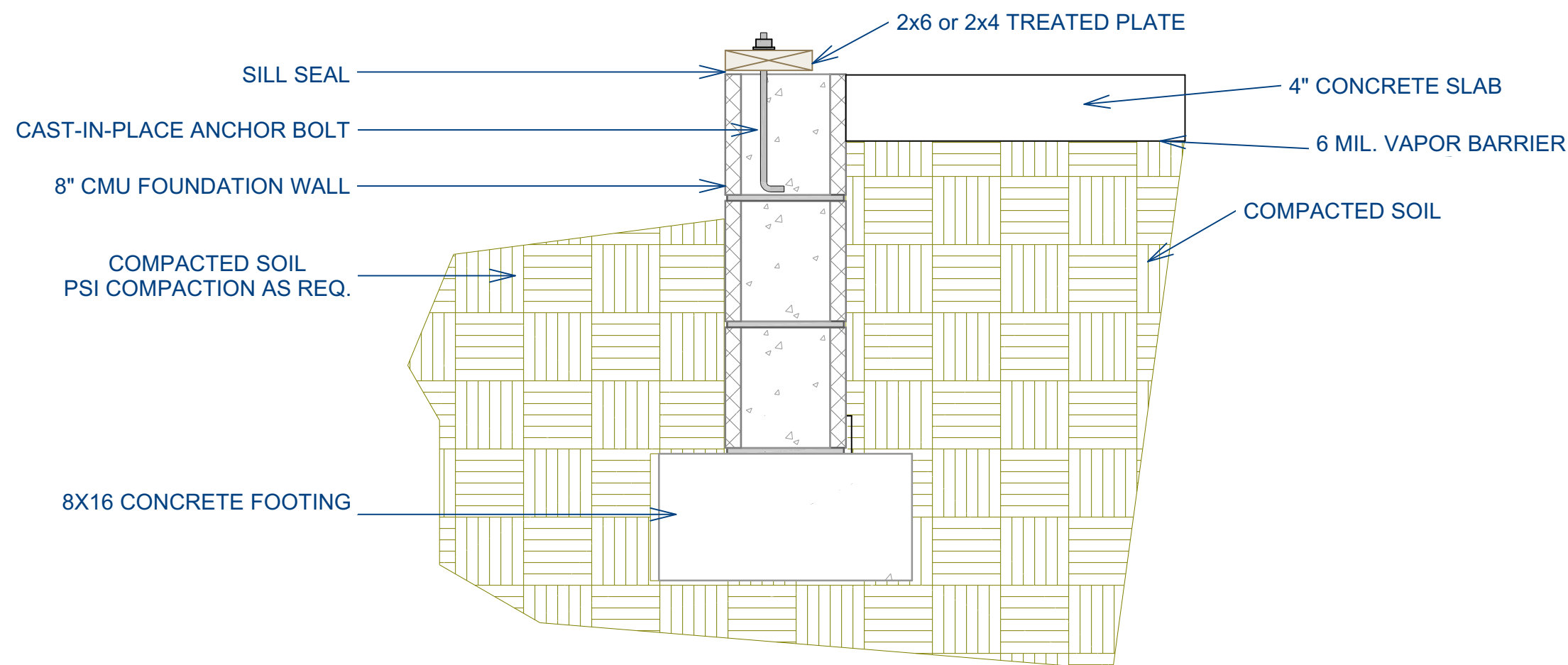
SCALE:
 1/4" = 1'

SHEET:
A-1



FOUNDATION PLAN

Scale: 1/4" = 1'0"



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

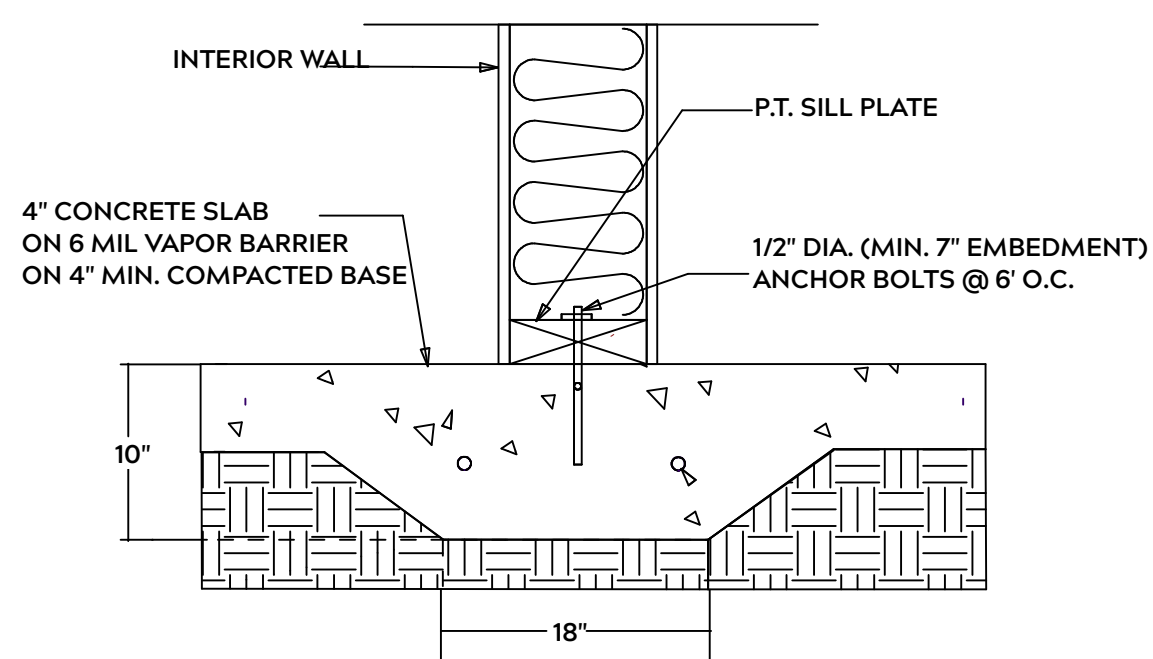
ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

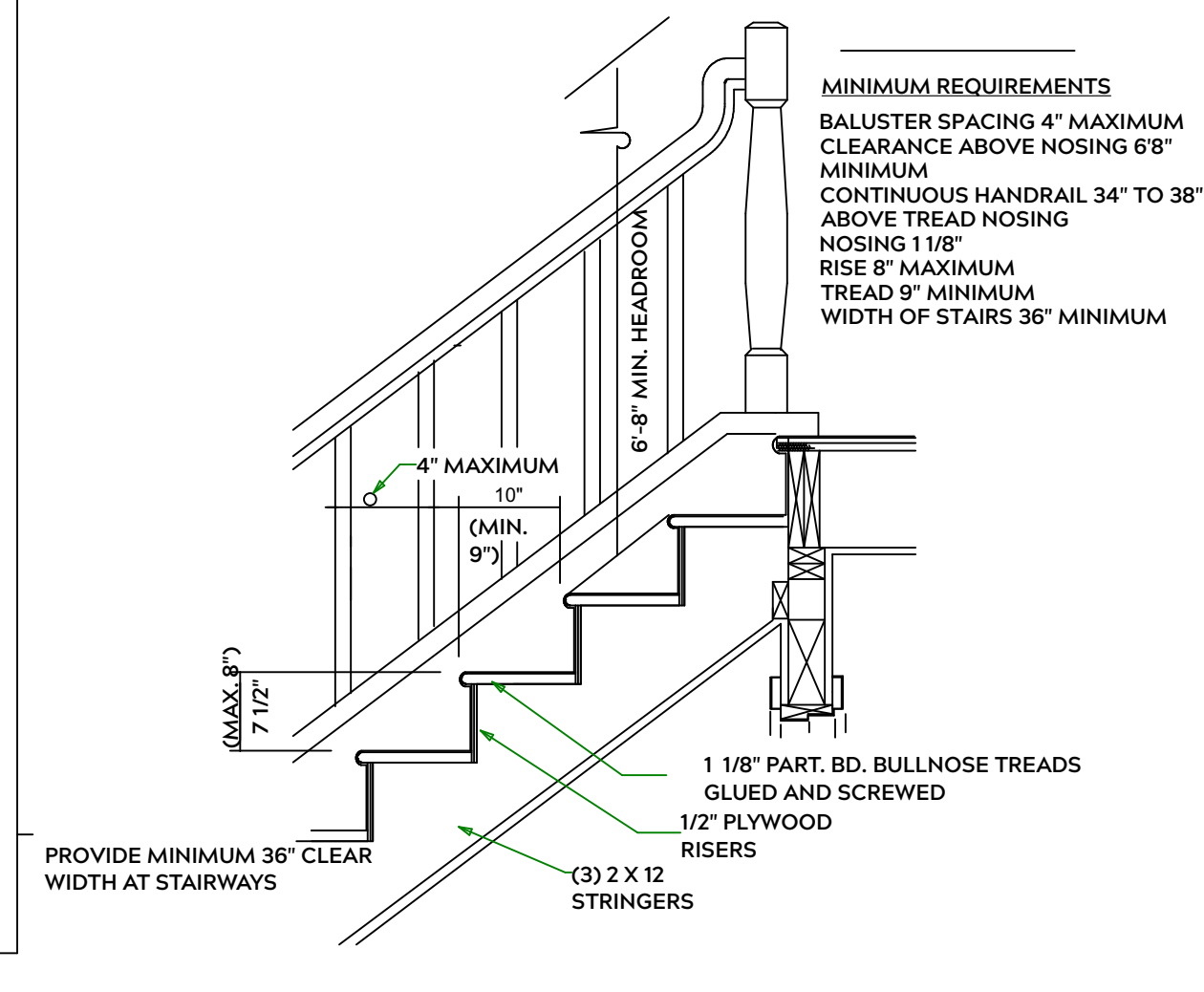
ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

LVLS TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)

EXTERIOR WALL SECTION



LUG FOOTING



STAIR DETAIL

PLAN:
Roark 2.0

SHEET TITLE:
DETAIL SHEETS

PROJECT ADDRESS:
111 SUMMERLIN DR.
SUMMERLIN 58

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

DATE:

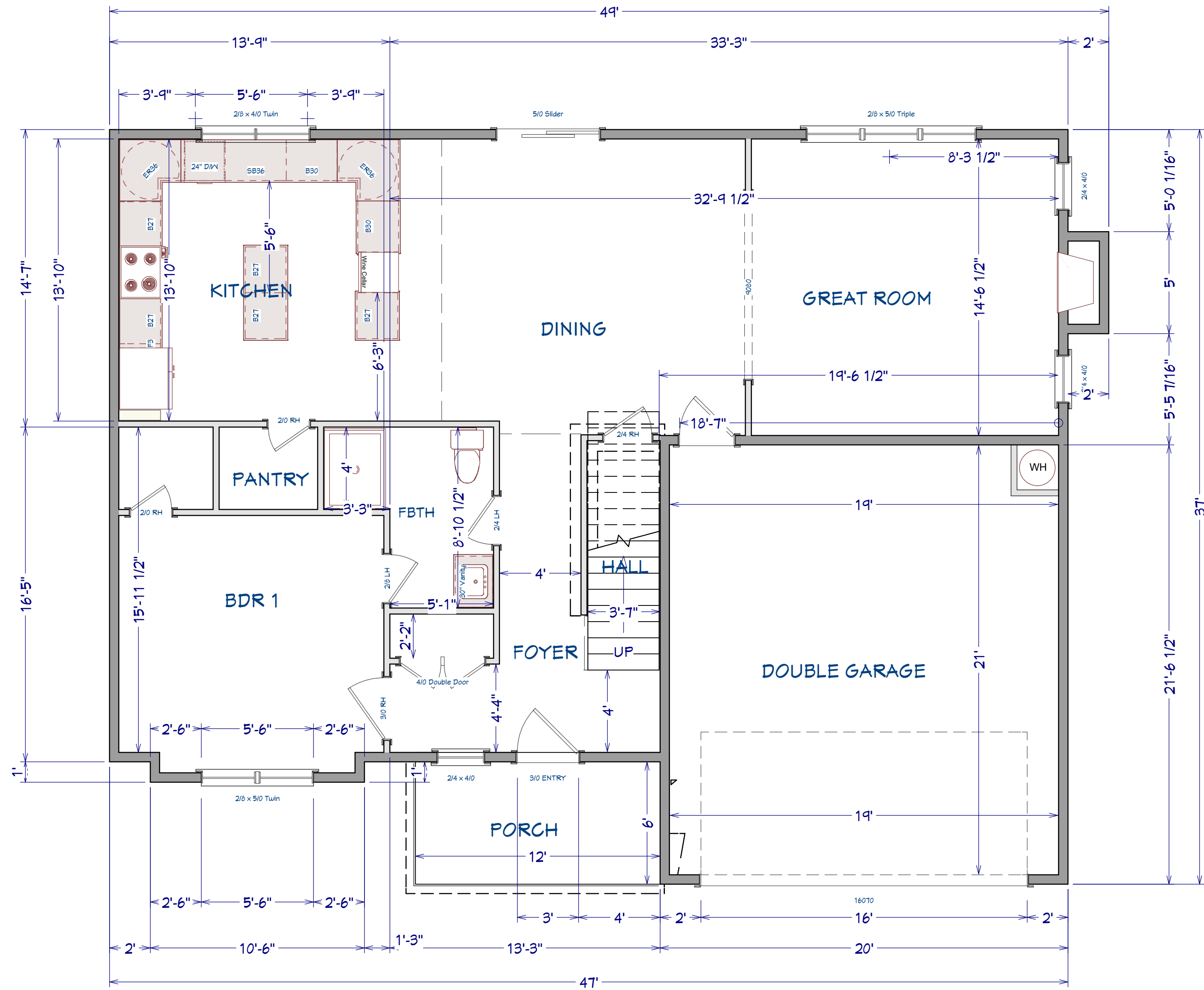
1/14/21

SCALE:

1/4" = 1'

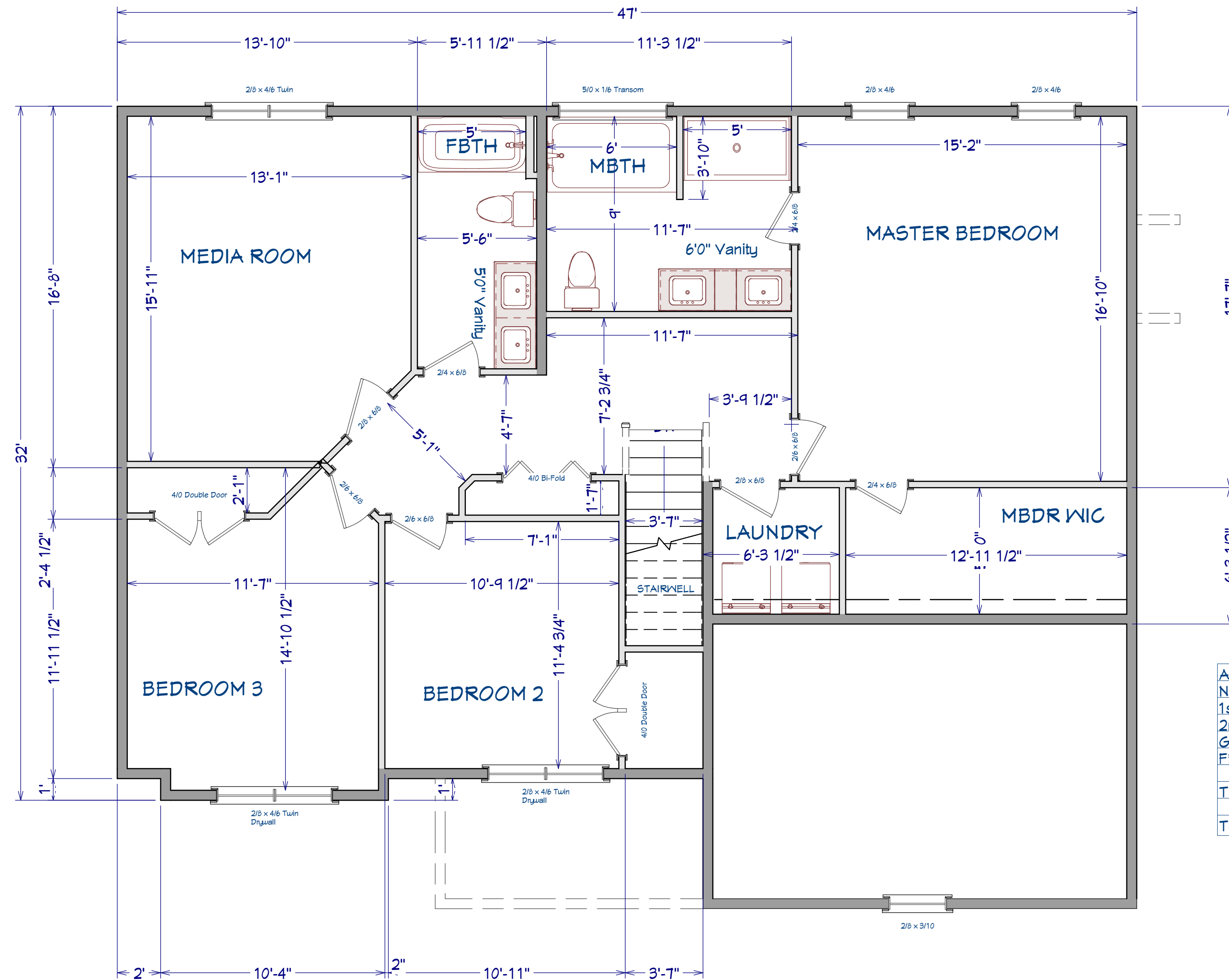
SHEET:

A-3



AREA SCHEDULE	
NAME	AREA
1st FLOOR AREA	1,185 SF
2nd FLOOR AREA	1305 SF
GARAGE	418 SF
FRONT PORCH	75 SF
TOTAL HEATED	2490 SF
TOTAL UNDER ROOF	2483 SF

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



AREA SCHEDULE	
NAME	AREA
1st FLOOR AREA	1,185 SF
2nd FLOOR AREA	1,305 SF
GARAGE	418 SF
FRONT PORCH	75 SF
TOTAL HEATED	2490 SF
TOTAL UNDER ROOF	2983 SF

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

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 HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4)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				

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 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 = 2341.32 sq.ft.
Ridge Line = 72.84 ft.
Hip Line = 0 ft.
Horiz. OH = 96.84 ft.
Raked OH = 138.97 ft.
Decking = 80 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

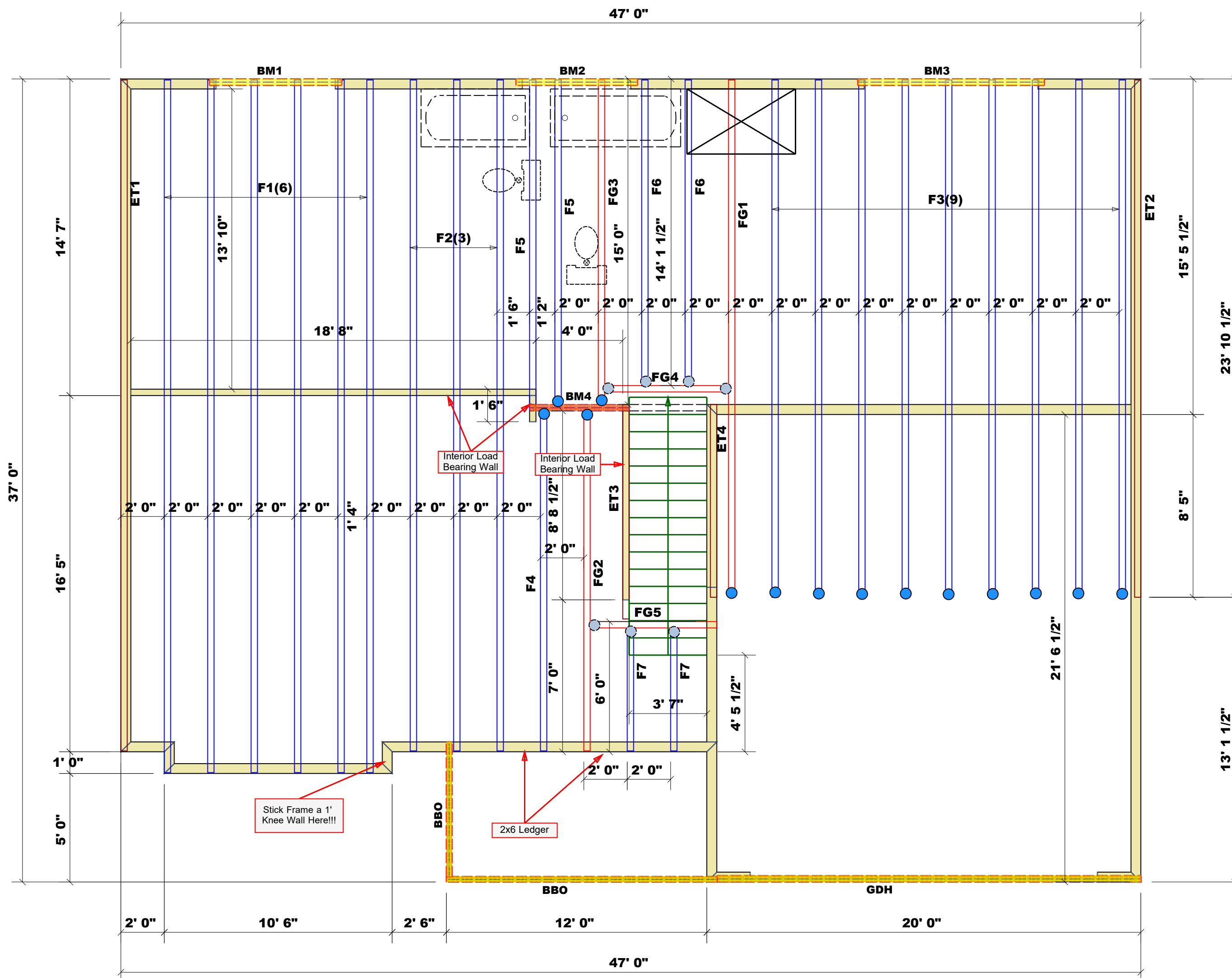
[Blue Hatch]	Box Storage
[Grey Hatch]	Padded HVAC
[Red Hatch]	2nd Floor Walls @ 8' 1 1/2" UNO
[Orange Hatch]	Flush Beam
[Yellow Hatch]	Drop Beam

Products

PlotID	Length	Product	Plies	Net Qty
BM3	9' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM1	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	20' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
BM4	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	14	Varies	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	7	Varies	10d/3"	10d/3"
●	HUS26	USP	5	Varies	16d/3-1/2"	16d/3-1/2"



BUILDER	PRECISION CUSTOM HOMES	COUNTY	HARNETT
JOB NAME	Precision Custom Homes	ADDRESS	Lot 58 Summerlin
PLAN	Roark 2.0	MODEL	Floor
SEAL DATE	12/18/2020	DATE REV.	1/13/2021
QUOTE #	Quote #	DRAWN BY	Neil Baggett
JOB #	J1220-5658	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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcinindustry.com



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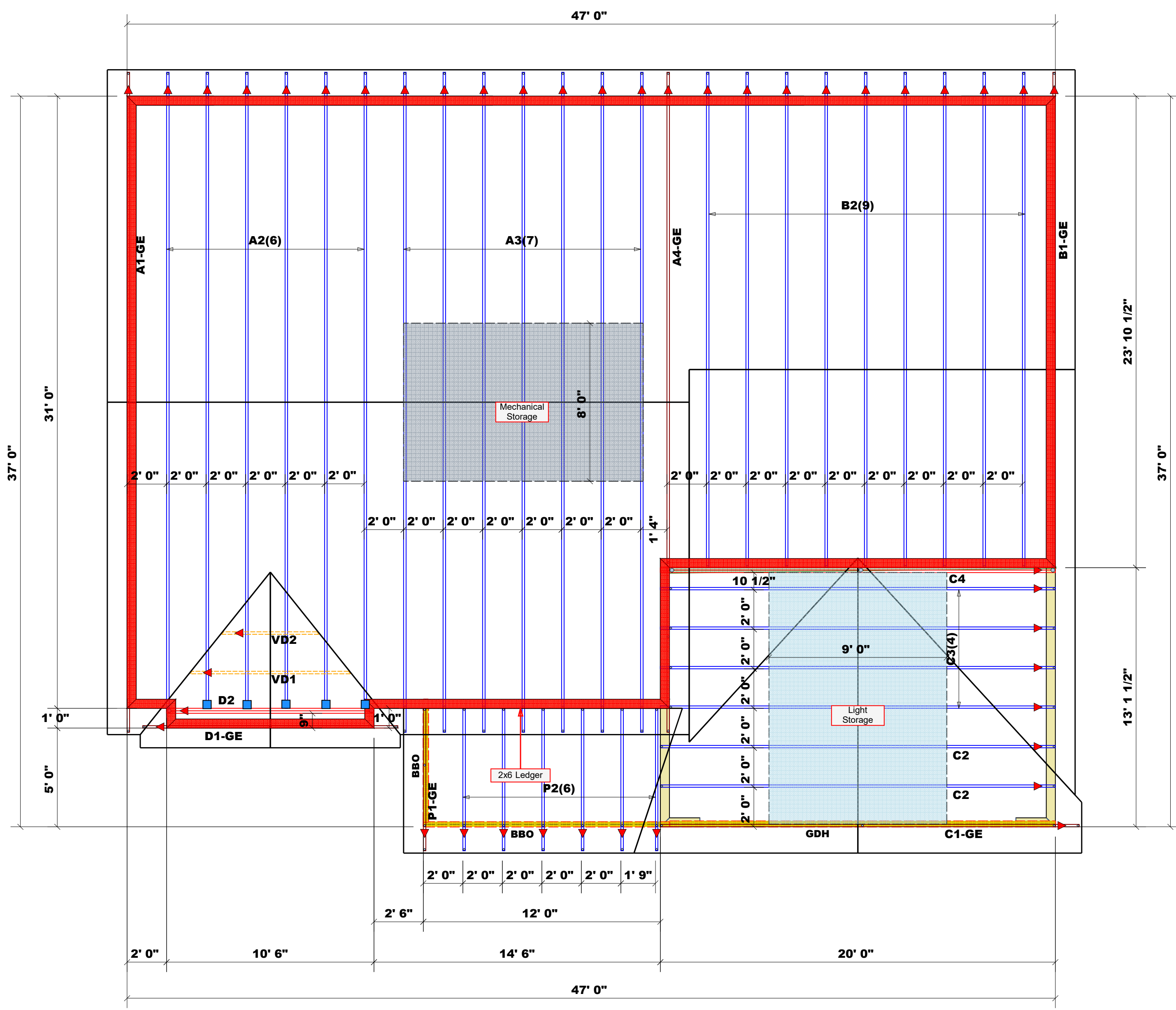
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Precision Custom Homes	Lot 58 Summerlin	Roark 2.0	12/18/2020	Quote #	J1220-5657	Harnett	Lot 58 Summerlin	Roof	1/13/2021	Neil Baggett	Neil Baggett

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