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

12/02/2020

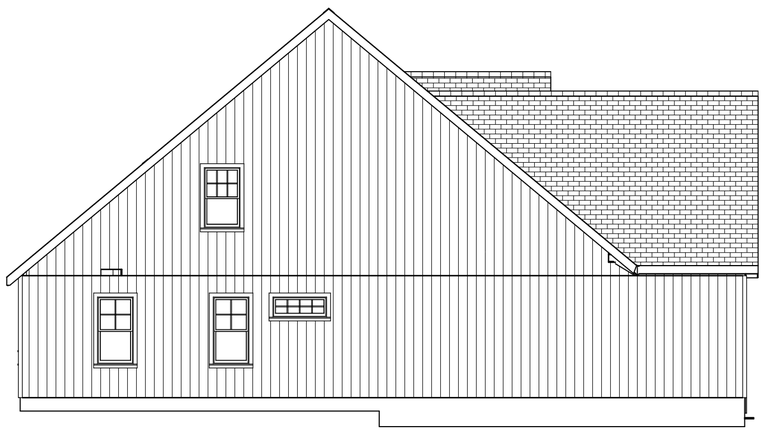
Harnett COUNTY NORTH CAROLINA

FRONT ELEVATION

Scale: 1/4" = 1'0"

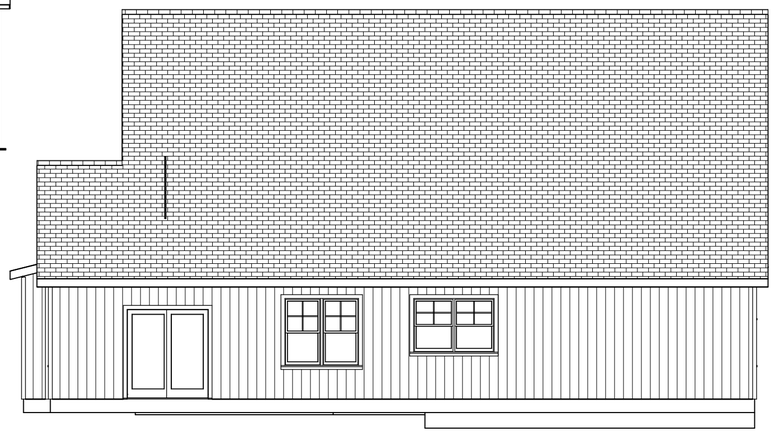
9'0" CEILING HEIGHT FIRST FLOOR
(HEADER HEIGHT 7'6")
8'0" CEILING HEIGHT SECOND FLOOR
(HEADER HEIGHT 7')

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:
MISES 1.0

SHEET TITLE:
ELEVATIONS

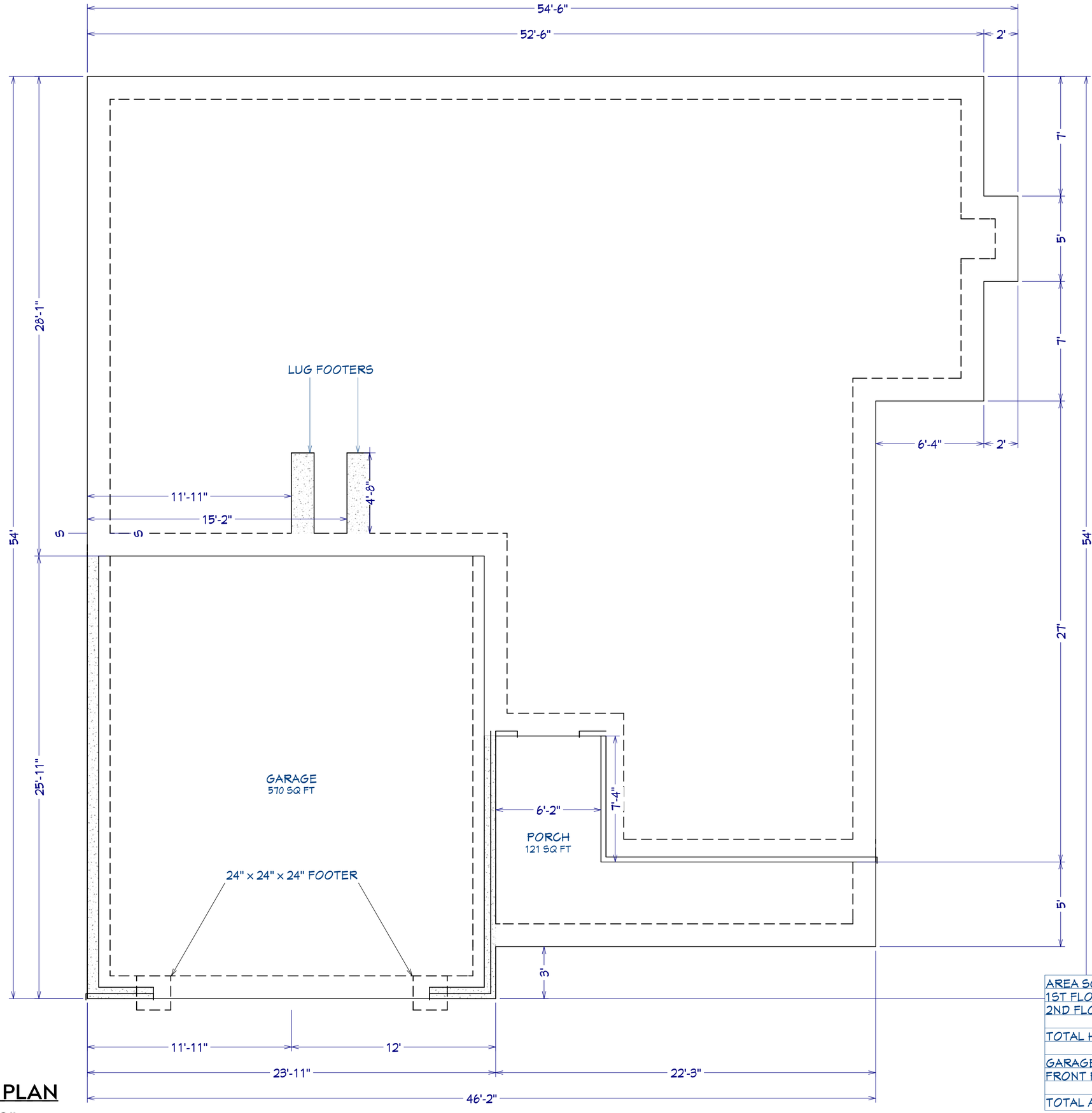
PROJECT ADDRESS:
122 NAVAHO TRAIL
SUMMERLIN LOT 40

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

DATE:
11/14/20

SCALE:
1/4" = 1'

SHEET:
A-1



FOUNDATION PLAN

Scale: 1/4" = 1'0"

AREA SCHEDULE	
1ST FLOOR AREA	1,785 SF
2ND FLOOR AREA	646 SF
TOTAL HEATED AREA	2,431 SF
GARAGE	606 SF
FRONT PORCH	156 SF
TOTAL AREA UNDER ROOF	3,193 SF

PLAN:
MISES 1.0

SHEET TITLE:
FOUNDATION

PROJECT ADDRESS:
122 NAVAHO TRAIL
SUMMERLIN LOT 40

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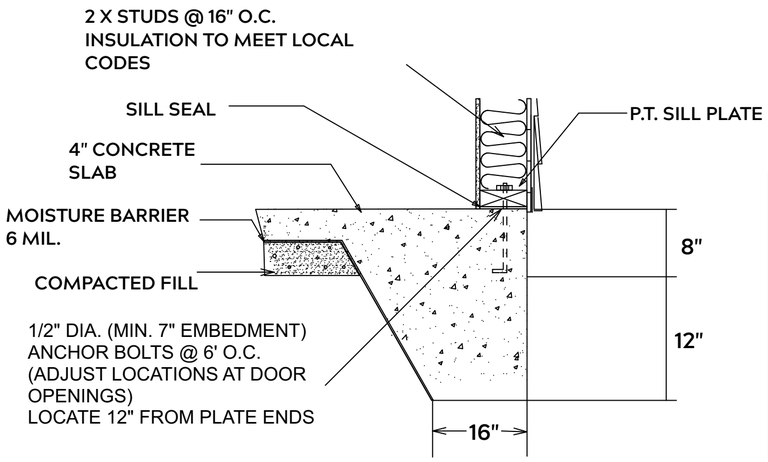
DATE:
11/14/20

SCALE:
1/4" = 1'

SHEET:
A-2



MONOLITHIC SLAB

FOUNDATION NOTES:

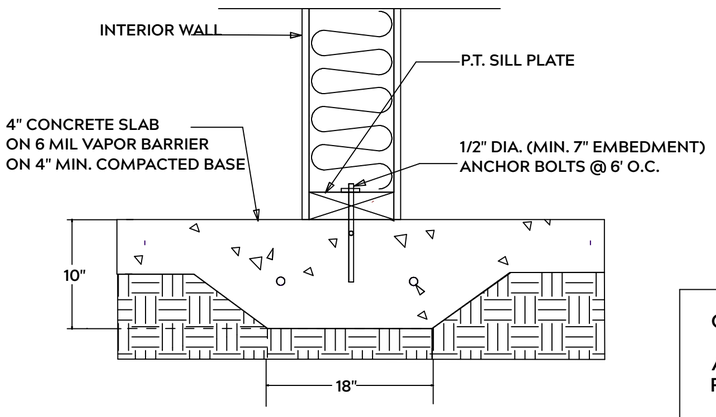
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMTER DRAINS AS REQUIRED

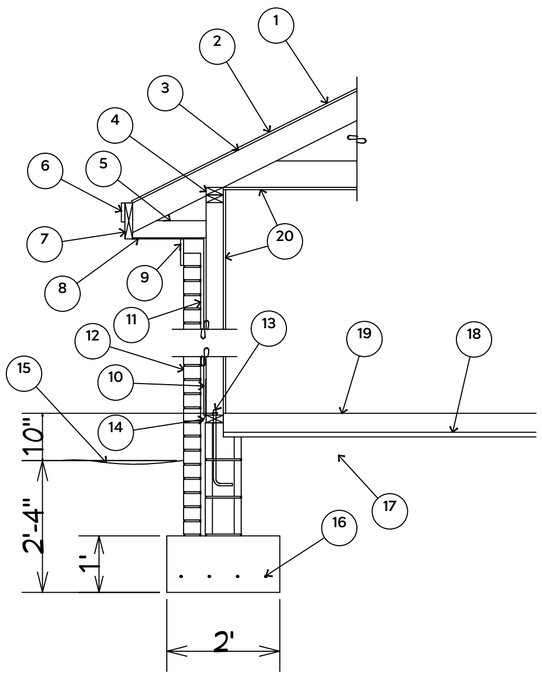
FOOTING WIDTHS ARE BASED ON A LOAD BEARING SOIL CAPACITY OF 2000 PSI

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



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

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.

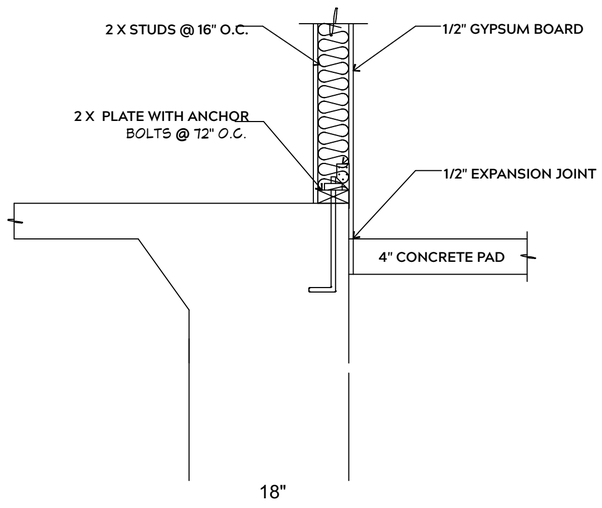
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

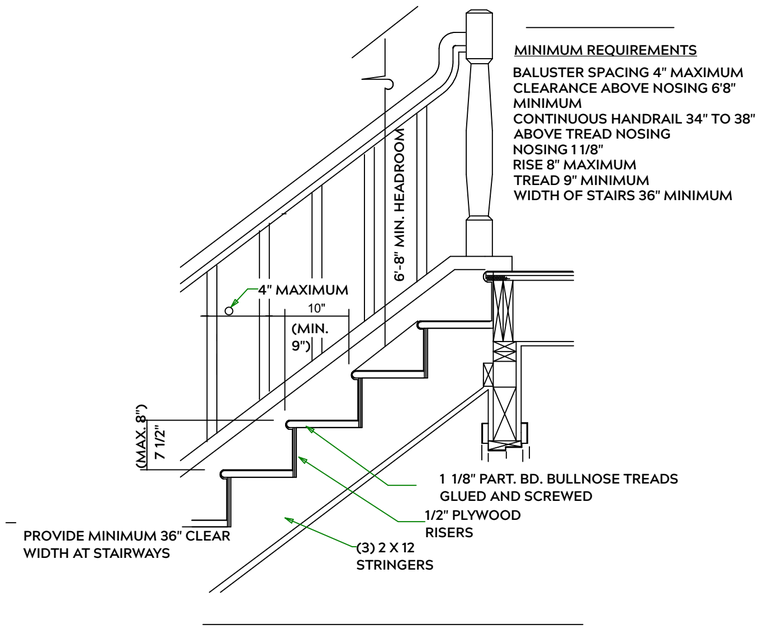
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

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



STAIR DETAIL

PLAN:
MISES 1.0

SHEET TITLE:
DETAIL SHEETS

PROJECT ADDRESS:
122 NAVAHO TRAIL
SUMMERLIN LOT 40

DESIGNED BY:
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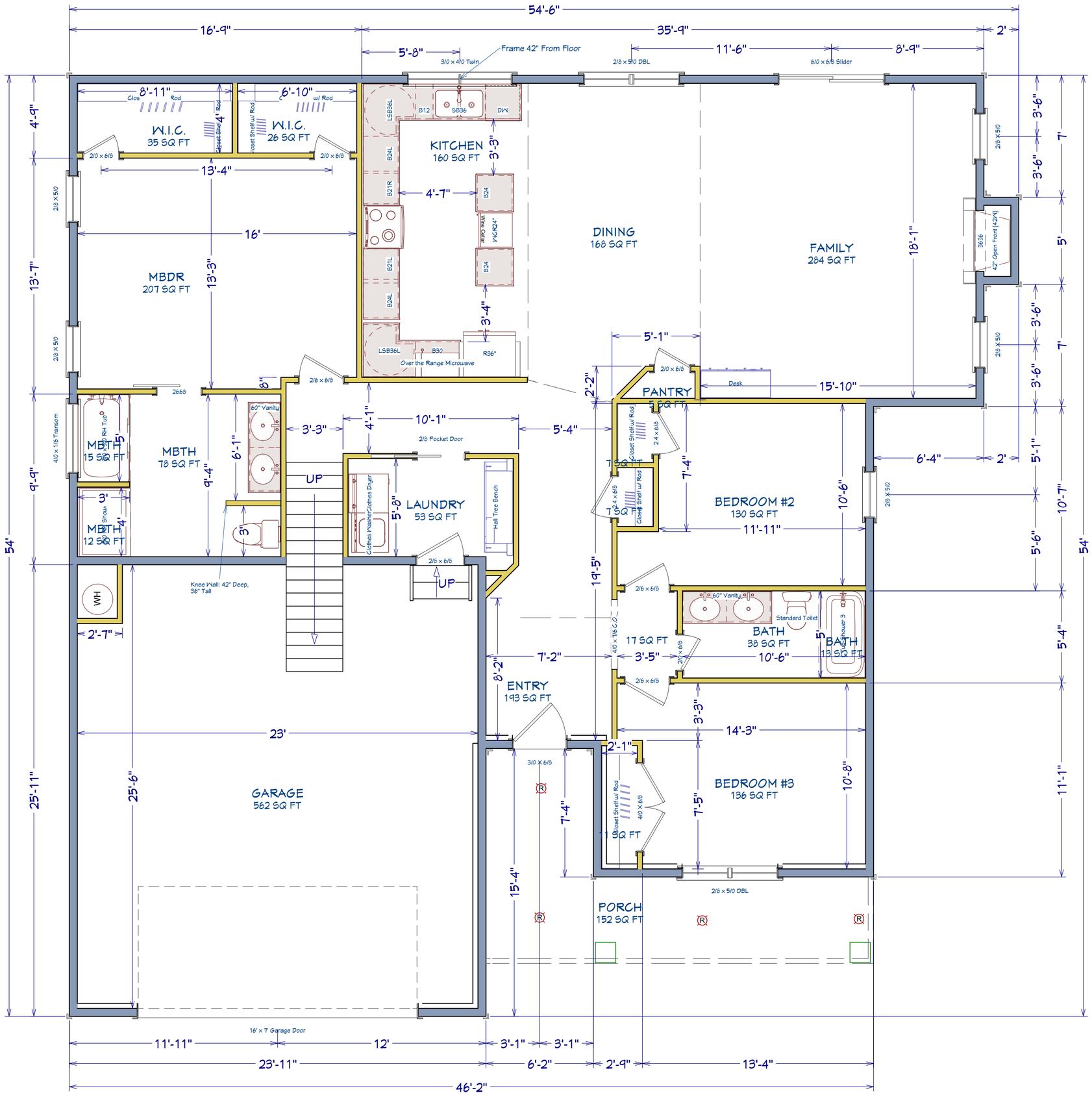
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
11/14/20

SCALE:
1/4" = 1'

SHEET:
A-3



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TOTAL HEATED AREA	2,431 SF
GARAGE	606 SF
FRONT PORCH	156 SF
TOTAL AREA UNDER ROOF	3,193 SF

PLAN:
MISES 1.0

SHEET TITLE:
1st FLOOR

PROJECT ADDRESS:
122 NAVAHO TRAIL
SUMMERLIN LOT 40

DESIGNED BY:
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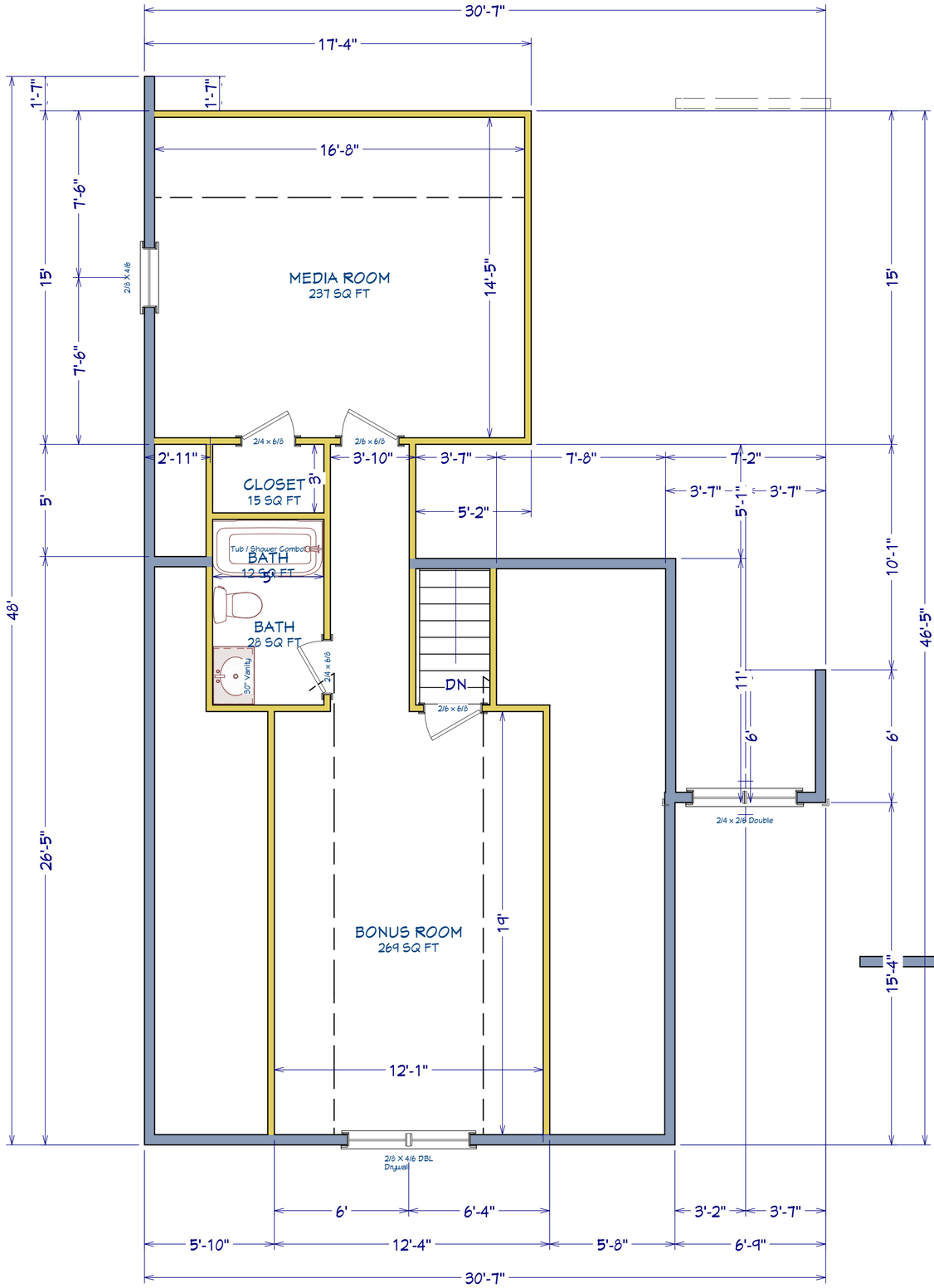
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
11/14/20

SCALE:
1/4" = 1'

SHEET:
A-4



AREA SCHEDULE	
1ST FLOOR AREA	1,785 SF
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TOTAL HEATED AREA	2,431 SF
GARAGE	606 SF
FRONT PORCH	156 SF
TOTAL AREA UNDER ROOF	3,193 SF

PLAN:
MISES 1.0

SHEET TITLE:
2nd FLOOR

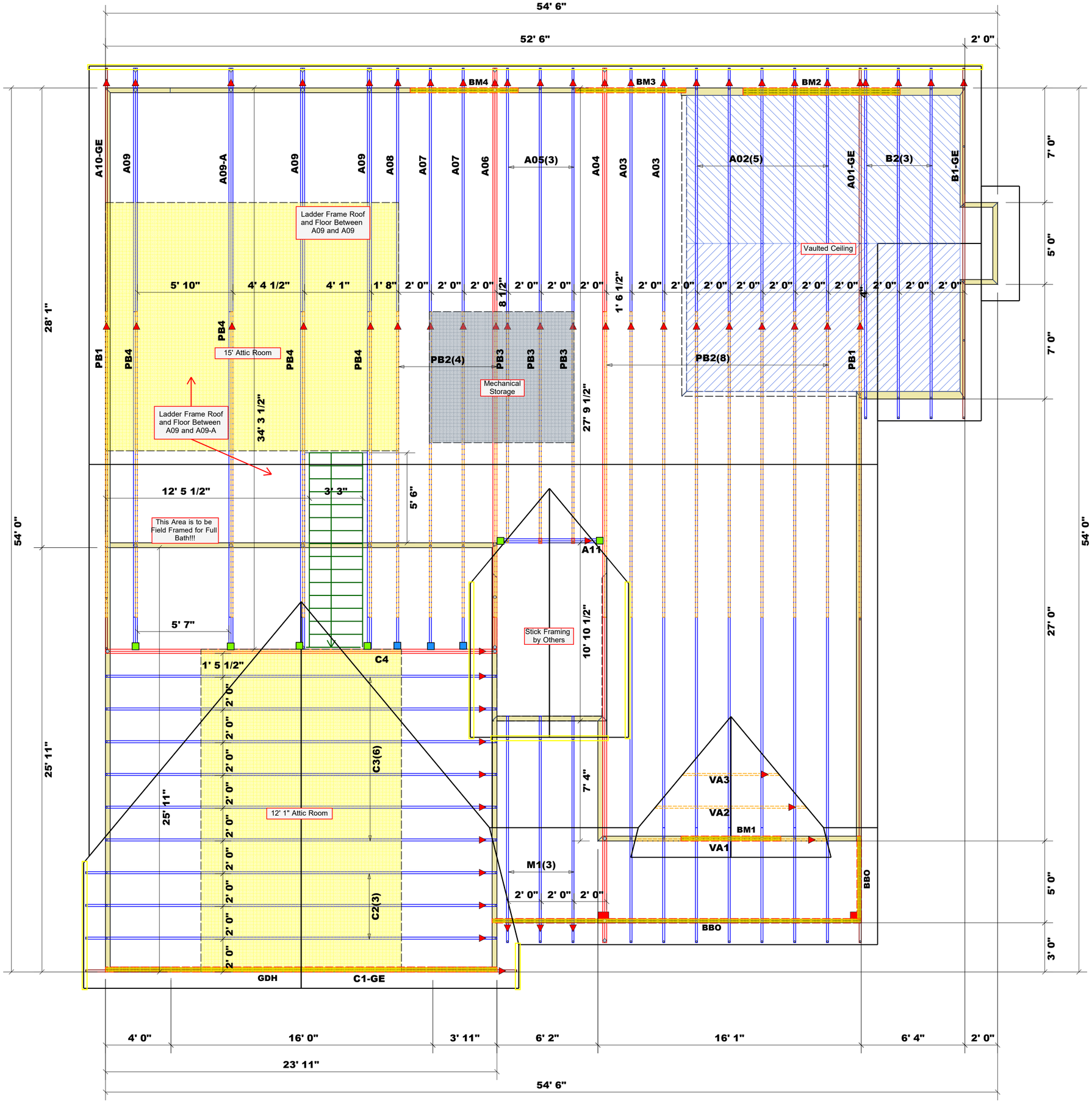
PROJECT ADDRESS:
122 NAVAHO TRAIL
SUMMERLIN LOT 40

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

DATE:
11/14/20

SCALE:
1/4" = 1'

SHEET:
A-5



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

Hatch Legend
Vaulted Ceiling
Padded HVAC
Drop Beam

Roof Area	= 3718.21 sq.ft.
Ridge Line	= 93.32 ft.
Hip Line	= 0 ft.
Horiz. OH	= 234.09 ft.
Raked OH	= 275.34 ft.
Decking	= 128 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'

Products				
PlotID	Length	Product	Plies	Net Qty
BM2	10' 0"	1-3/4"x 9-1/4" LVL Kerto-S	3	3
BM1	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM4	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS26	USP	3	Varies	16d/3-1/2"	16d/3-1/2"
	THD26-2	USP	6	Varies	16d/3-1/2"	10d/3"

COMTECH
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 (3) 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				

BUILDER	Harnett
JOB NAME	Lot 40 Summerlin
PLAN	Roof
SEAL DATE	11/16/2020
QUOTE #	Neil Baggett
JOB #	Neil Baggett
COUNTY	
ADDRESS	
MODEL	
DATE REV.	
DRAWN BY	
SALESMAN	
Precision Custom Homes & Renovations	
Lot 40 Summerlin	
Mises 1.0	
11/14/2020	
Quote #	
JO920-4494	