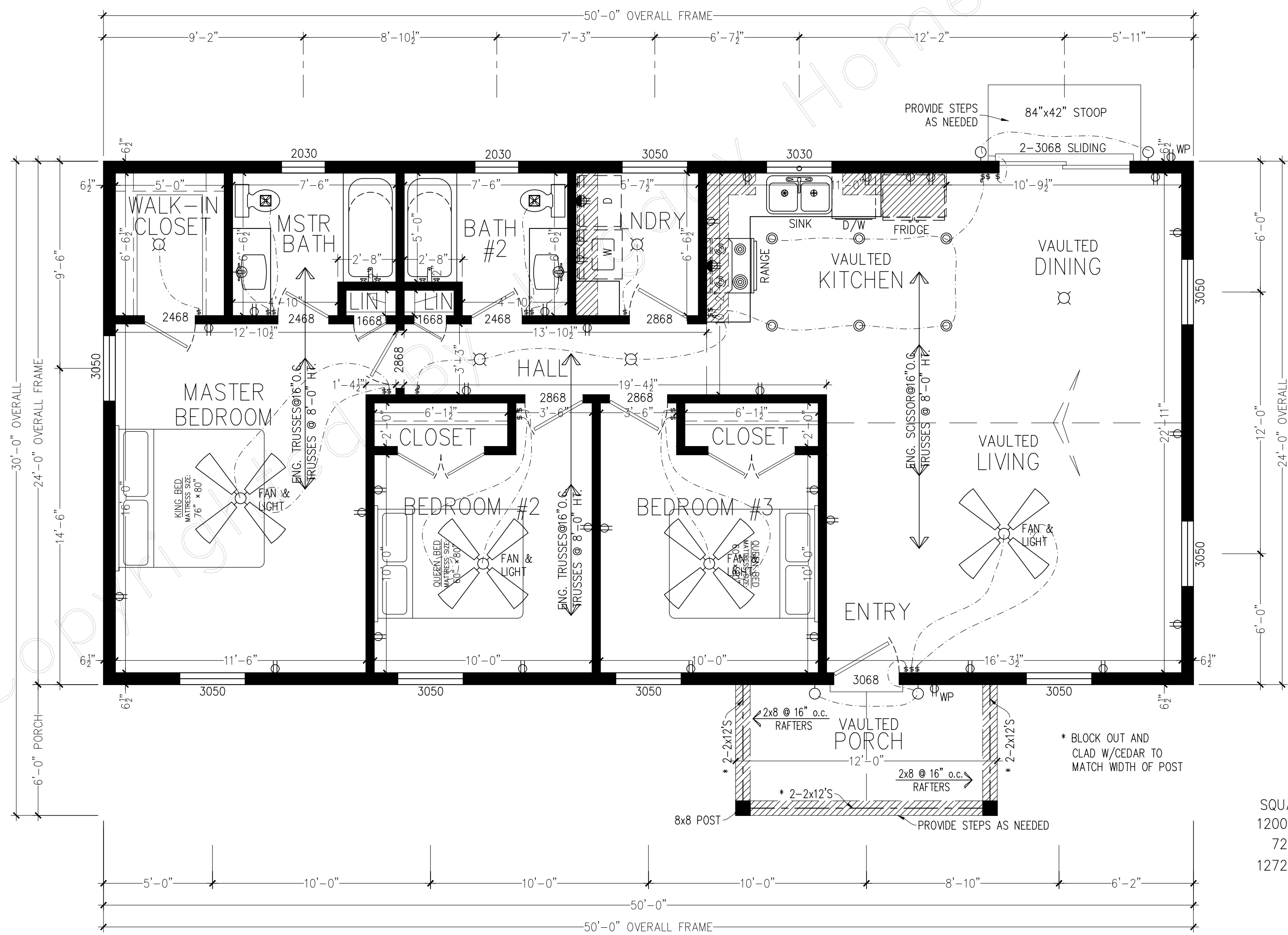


**GENERAL NOTES**

- IT IS NOT THE INTENT OF THESE DOCUMENTS TO FULLY DETAIL ALL CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM ALL WORK WITHIN STANDARD CONSTRUCTION PRACTICES THAT ENSURES PROPER STRUCTURAL DETAILING AND SIZING. WEATHERPROOF DETAILING, AND QUALITY WORKMANSHIP. IT IS THE CONTRACTORS RESPONSIBILITY TO ENGAGE THE SERVICES OF QUALIFIED STRUCTURAL ENGINEERS TO REVIEW ALL NON-TYPICAL FOUNDATION OR FRAMING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORK AND CONSTRUCTION SHALL MEET OR EXCEEDS ALL APPLICABLE CODES.
- THIS PLAN HAS BEEN DESIGNED AS PER THE STANDARD BUILDING CODE. IT MUST BE CONSTRUCTED TO MEET THE MINIMUM SEISMIC REQUIREMENTS AS PER THE CODES DEPARTMENT WITH JURISDICTION. ALL JOIST AND RAFTERS HAVE BEEN SIZED BASED ON THE SOUTHERN PINE SPAN TABLES PROVIDED BY THE SOUTHERN PINE COUNCIL USING THE 2013 S.P.I.B. STANDARD GRADING RULES FOR NO.2 VISUALLY GRADED. SEE SIZING TABLE.
- DIMENSIONS ARE FROM FACE OF SHEETROCK TO FACE OF SHEETROCK (4.5" OR 6.5"). BRICK VENEER SHOWN 5 INCHES FROM SHEATHING. WINDOW HEADER HEIGHT: 6 FEET-8 INCHES UNLESS OTHERWISE NOTED. ALL ANGLE WALLS ARE 45 DEGREE U.O.N. OR DIMENSIONED. ALL STUDS TO BE AT 16 INCHES ON CENTER U.O.N.
- PROVIDE DOUBLE JOIST UNDER ALL PARALLEL WALLS. PROVIDE SOLID BRIDGING ON ALL FLOOR JOIST SPANS OVER 10 FEET AND AT INTERVALS NOT TO EXCEED 9 FEET. PROVIDE 2X4 STRONGBACKS AT 5 FEET ON CENTER WHEN JOIST OR PLYWOOD DECKING DOES NOT SPAN AND TIE RAFTER BEARING PLATES. HALF INCH PLYWOOD SUBFLOOR MAY BE SUBSTITUTED. PROVIDE FULL SOLID STUD BEARING UNDER ALL HEADERS AND BEAMS TO SOLID FOUNDATION BELOW.
- ALL MANUFACTURED PRODUCTS, SYSTEMS OR APPLICATIONS SHALL BE INSTALLED AS PER MANUFACTURERS SPECIFICATION. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL ITEMS AND CONSTRUCTION MEET OR EXCEED ALL APPLICABLE CODES.
- H.V.A.C. SUBCONTRACTOR SHALL COORDINATE COMPLETE SYSTEM REQUIREMENTS WITH SUPPLIER AND PROVIDE EQUIPMENT LAYOUT THAT MEETS LOCAL CLIMATE CONDITIONS AND BUILDING CODES.
- THE ELECTRICAL EQUIPMENT SHOWN REPRESENTS CONCEPT ONLY AND THE SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATING OWNERS INTENT WITH SAFETY REQUIREMENTS AND COMPLYING WITH ALL APPLICABLE CODES.
- ALL WOOD FRAMING IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. USE TREATED LUMBER AT ALL EXTERIOR PORCH DECK LOCATIONS.
- TO MINIMIZE EXCESSIVE MOISTURE AND MOLD CONDITIONS, PROVIDE AN APPROVED VAPOR BARRIER UNDER FOOTINGS, SLABS, AND FLOOR JOISTS AT GROUND LEVEL. USE AN EXTERIOR SHEATHING WITH A SUFFICIENT PERM RATING ON ALL OUTSIDE WALLS. PROPERLY DESIGN AND SIZE HVAC SYSTEM AND INCLUDE A 10% FRESH AIR INTAKE.
- ALL STANDARD, MINIMUM CODE CONNECTION AND FASTENING PRACTICES ARE TO BE ADHERED TO BY QUALIFIED FOUNDATION, FRAMING, DRYWALL, TRIM AND MASONRY CONTRACTORS.



FLOOR PLAN  
SCALE 1/4" = 1'-0"

SQUARE FOOTAGE  
1200 TOTAL HEATED  
72 FRONT PORCH  
1272 TOTAL UNDER ROOF

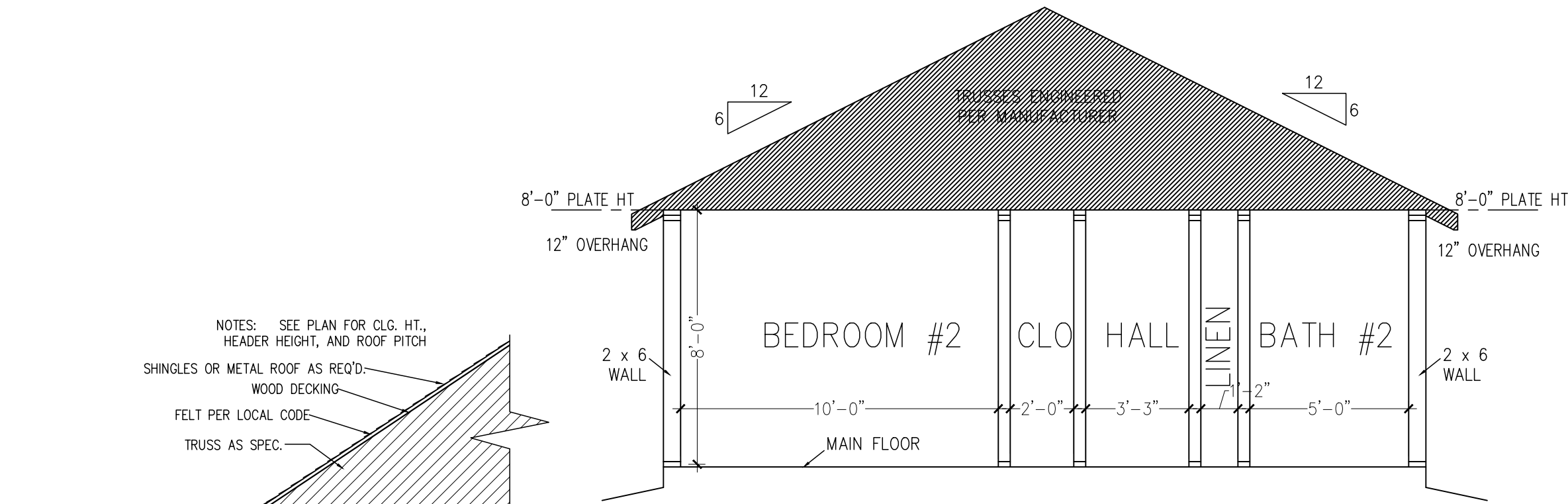
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	DATE		
SCALE	As Shown	DRAWN BY	OMA/SMV
PLAN NAME	Fairhaven 2		
PLAN NO.	1200-72		

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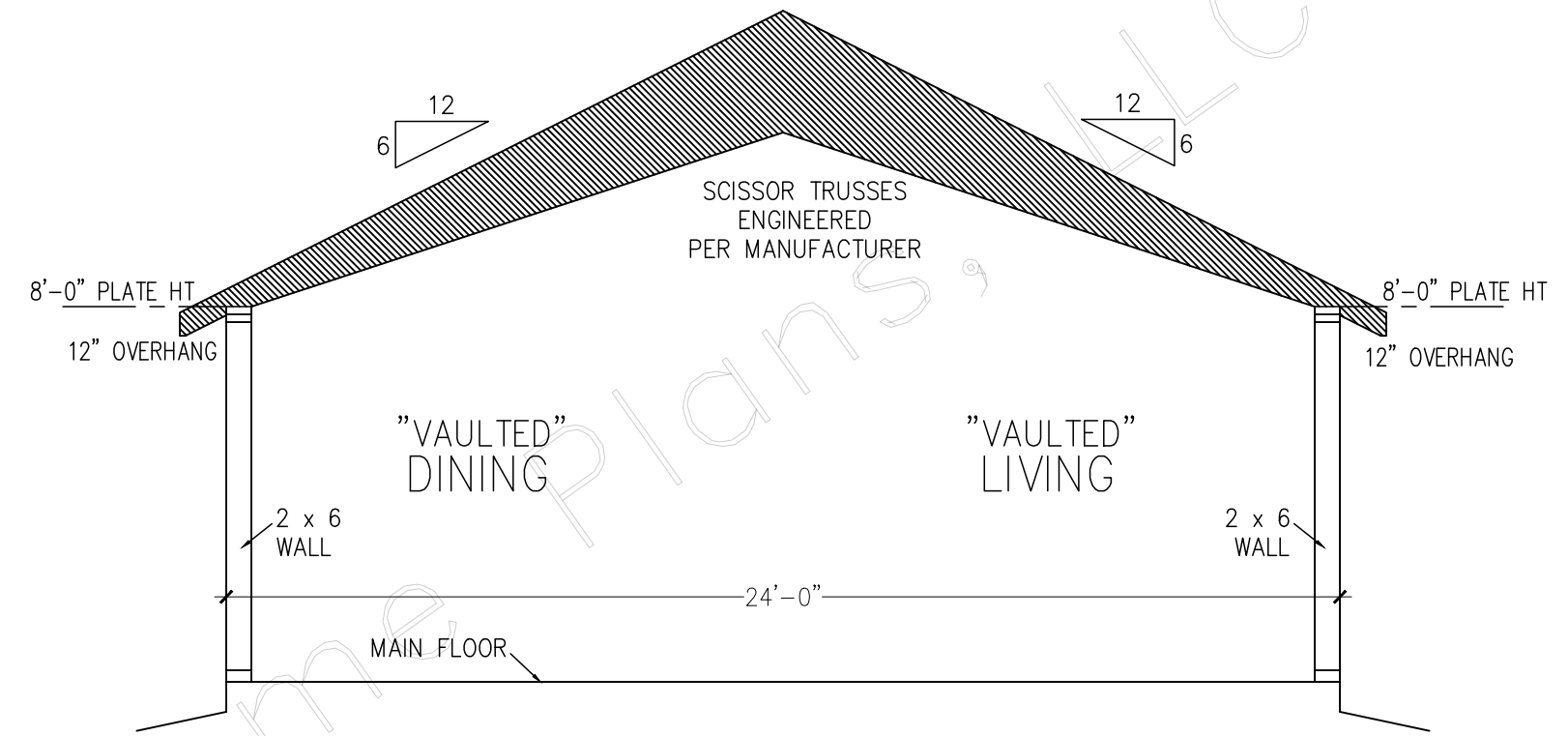
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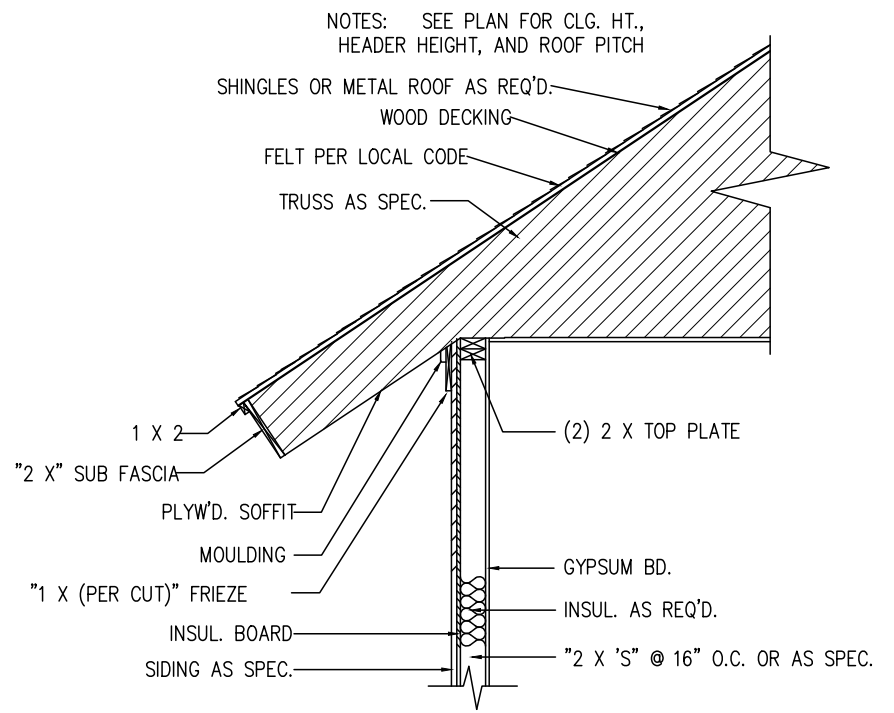
**\*Disclaimer:**  
 The trusses called for in this design are for initial design and estimating purposes only. The calculations and drawings presented do not constitute a fully engineered truss design. The truss manufacturer will calculate final loads, metal plate sizing, member sizing, webs and chord deflections based on local climatic and/or seismic conditions. Wood truss construction drawings shall be prepared by a registered and licensed engineer.



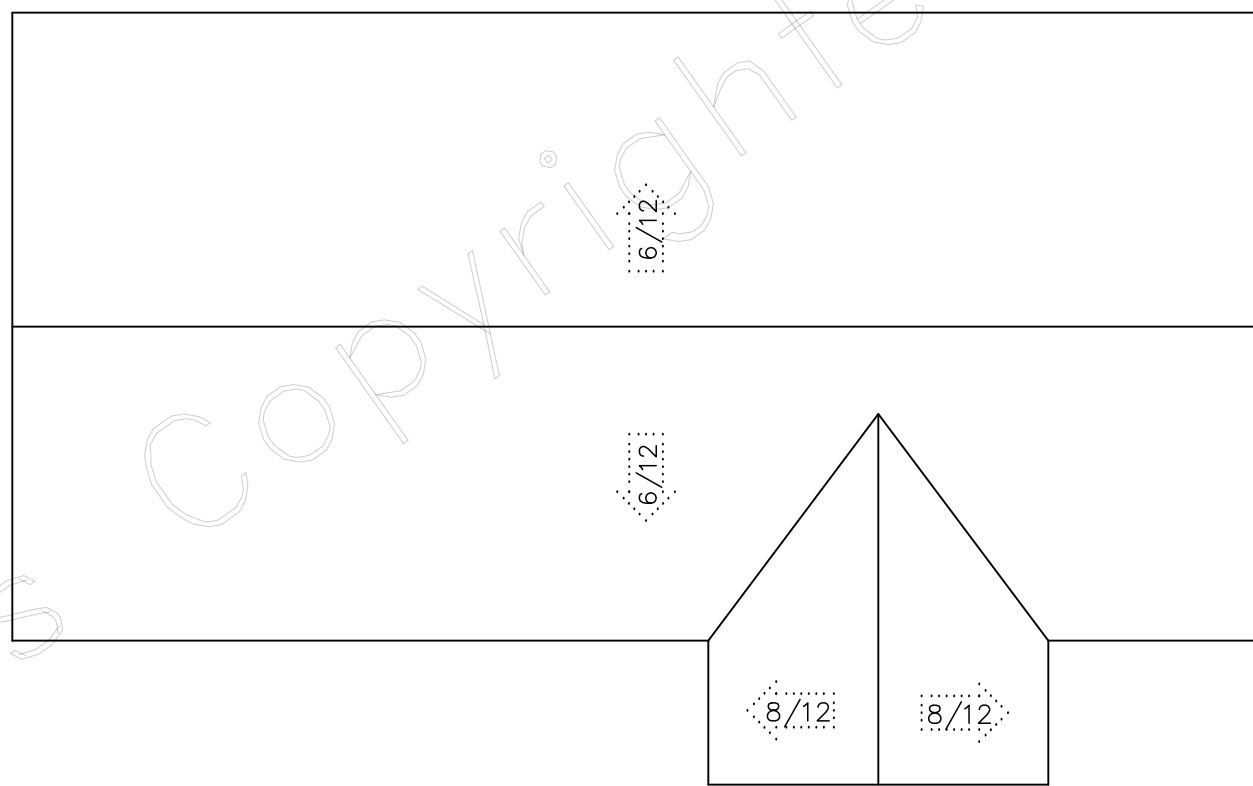
MAIN BODY SECTION THROUGH BEDROOMS  
 SCALE 1/4" = 1'-0"



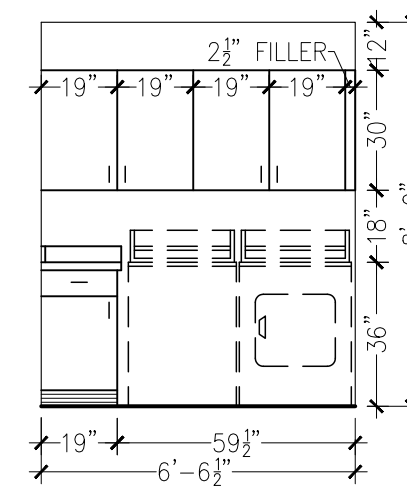
MAIN BODY SECTION THROUGH VAULTED AREA  
 SCALE 1/4" = 1'-0"



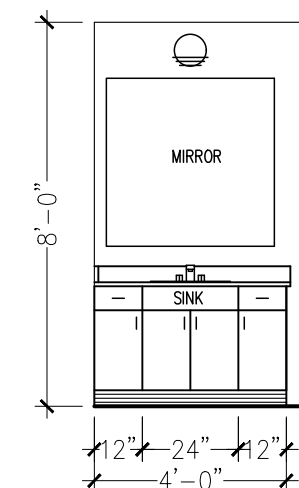
TRUSS ROOF  
 TYP. CORNICE DETAIL W/ SIDING  
 NO SCALE



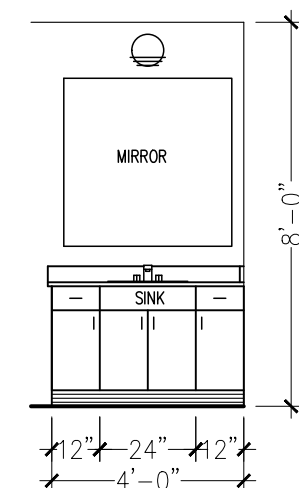
ROOF PLAN  
 SCALE: 1/8" = 1'-0"



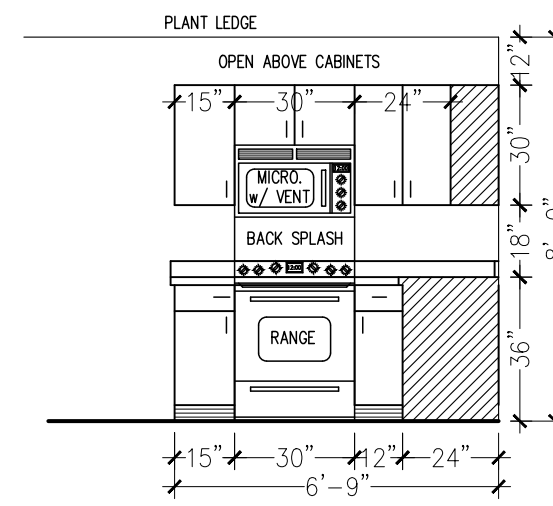
LAUNDRY  
 SCALE: 1/4" = 1'-0"



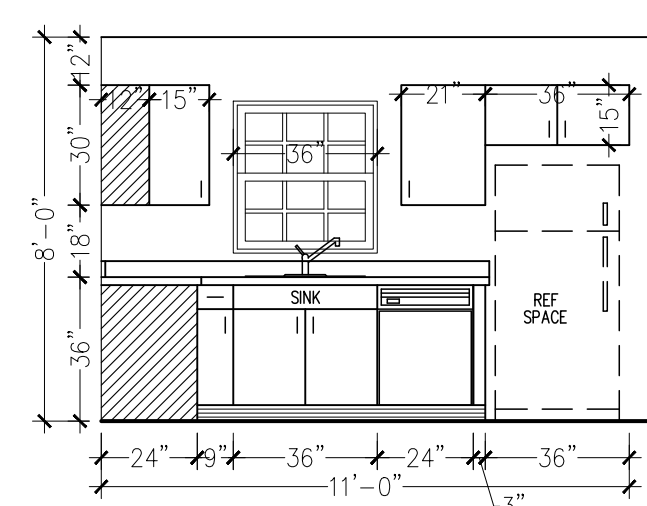
MASTER BATH  
 SCALE: 1/4" = 1'-0"



BATH #2  
 SCALE: 1/4" = 1'-0"



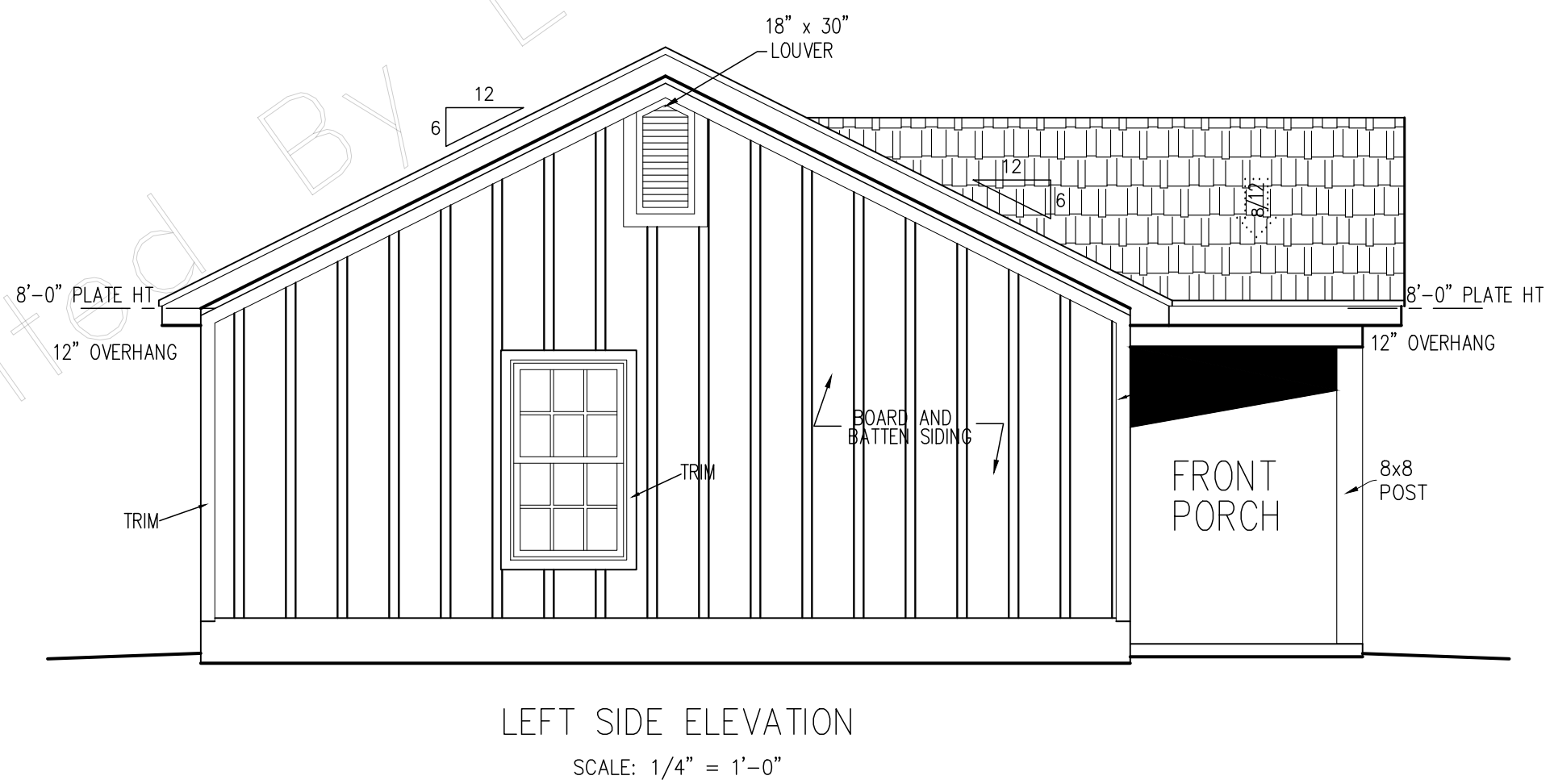
KITCHEN  
 SCALE: 1/4" = 1'-0"



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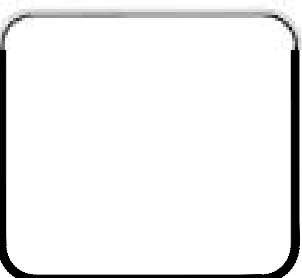


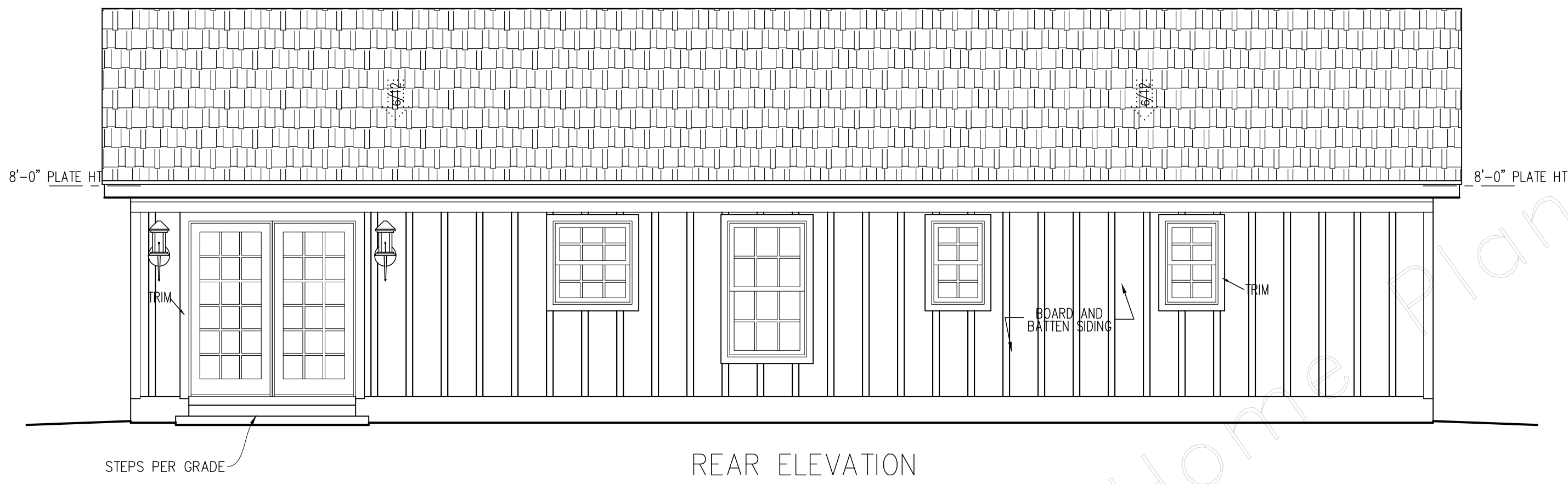
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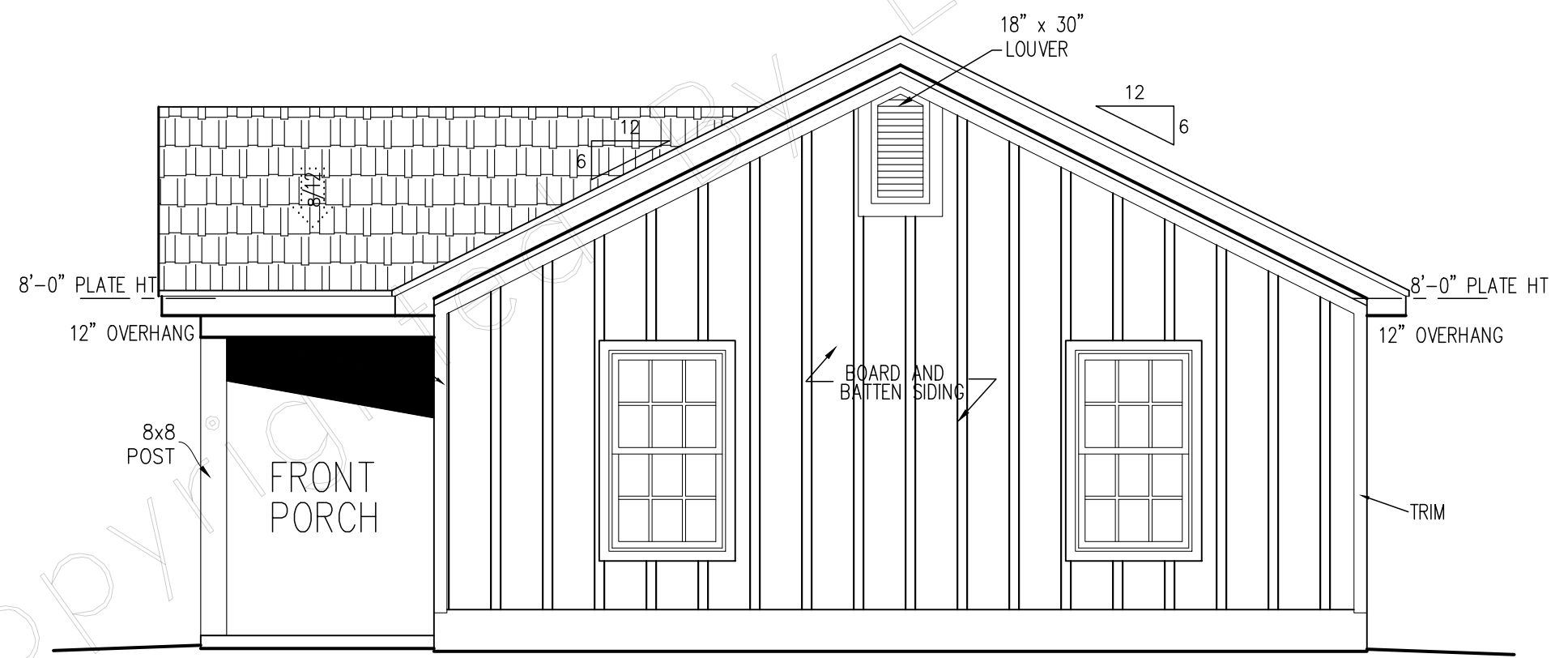
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REAR ELEVATION  
SCALE: 1/4" = 1'-0"



RIGHT SIDE ELEVATION  
SCALE: 1/4" = 1'-0"

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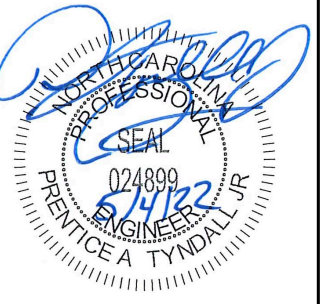
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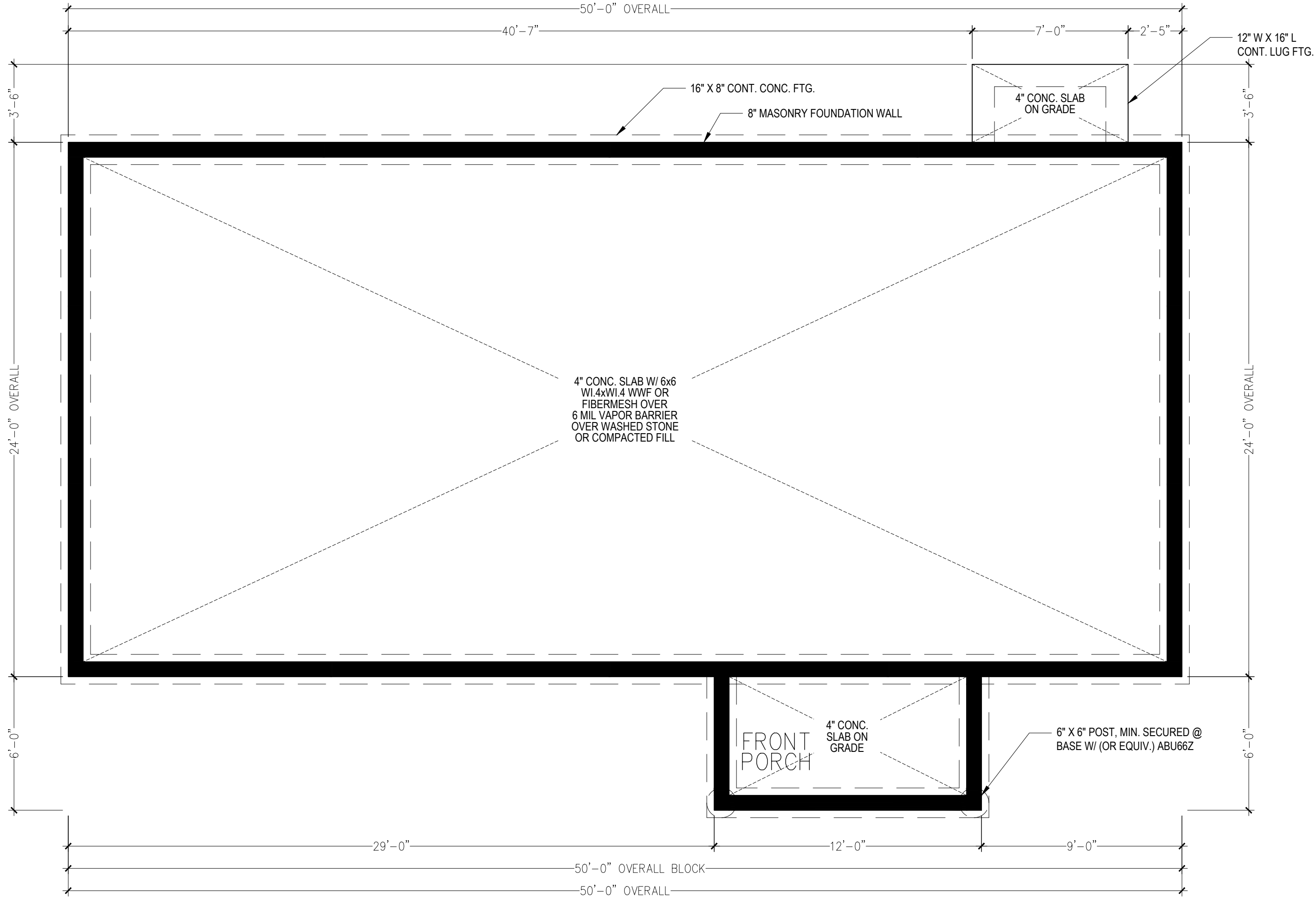
Client:	KEN DAWSON
Date:	THE FAIRHAVEN 2

# FDN. PLAN

Project #:	2201-010165
Date:	05/03/22
Engineered By:	PTII
DWG. Checked By:	PTII
Scale:	SEE PLAN

REVISIONS		
No.	Date:	Remarks

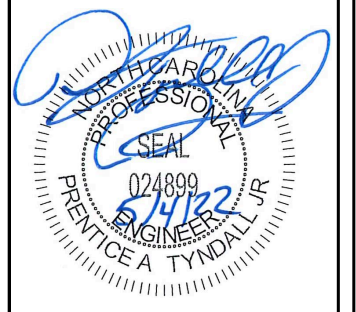
Sheet Number  
S1  
 1 of 5



**STEMWALL FOUNDATION PLAN**  
 SCALE 1/4" = 1'-0"

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Client: **KEN DAWSON**  
 Title: **THE FAIRHAVEN 2**

**1ST FLR. HEADER ROOF FRMG.**

Project #:	2201-010165
Date:	05/03/22
Engineered By:	PTII
DWG. Checked By:	PTII
Scale:	SEE PLAN

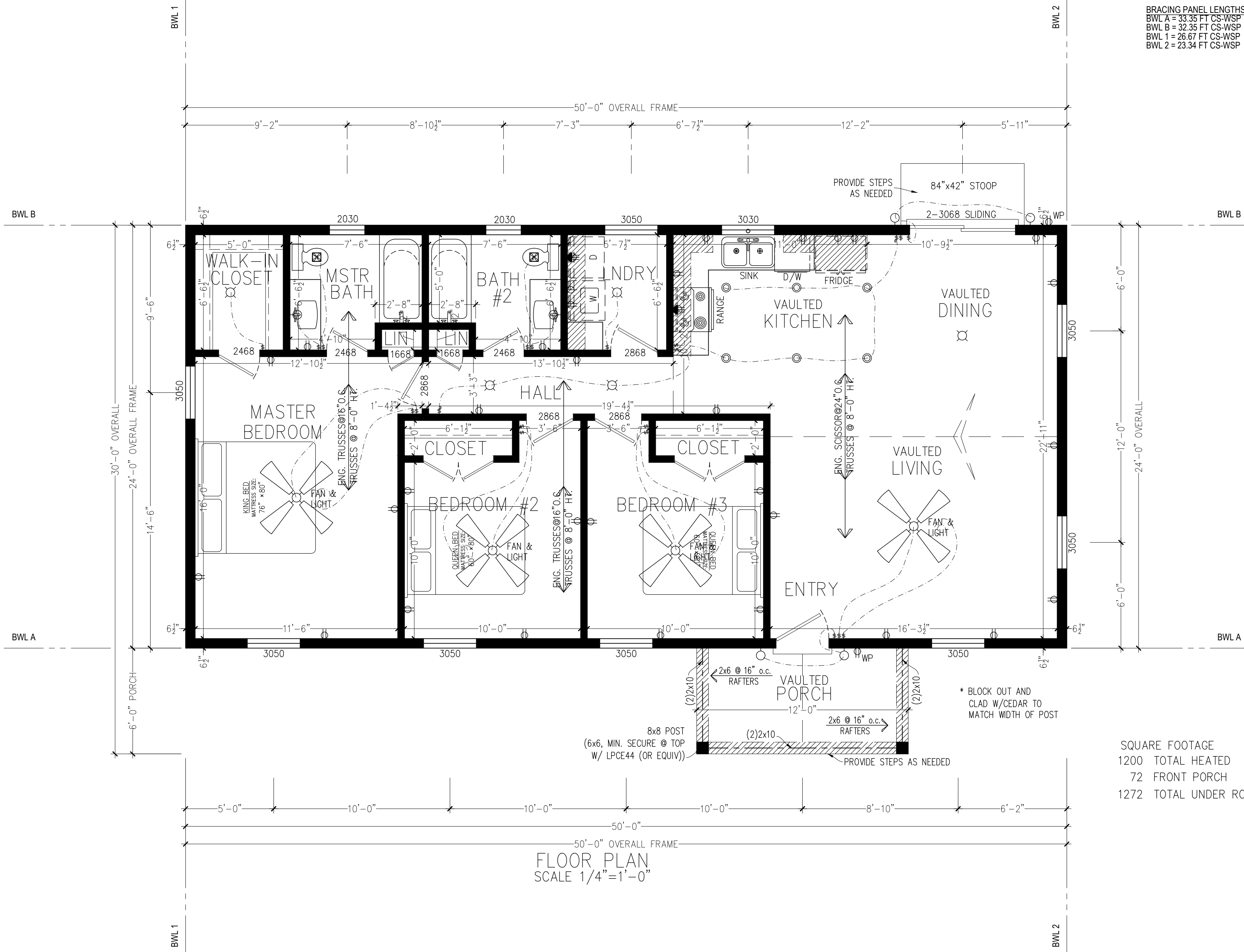
REVISIONS		
No.	Date	Remarks

Sheet Number  
**S2**  
2 of 5

BRACING PANEL LENGTHS REQUIRED:  
 BWL A = 32.0 FT  
 BWL B = 32.0 FT  
 BWL 1 = 8.0 FT  
 BWL 2 = 8.0 FT

BRACING PANEL LENGTHS PROVIDED:  
 BWL A = 33.35 FT CS-WSP  
 BWL B = 32.35 FT CS-WSP  
 BWL 1 = 26.67 FT CS-WSP  
 BWL 2 = 23.34 FT CS-WSP

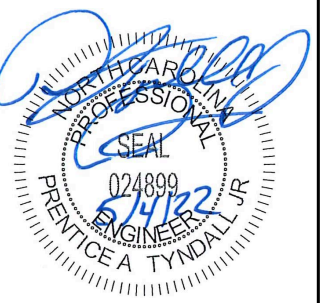
SQUARE FOOTAGE  
 1200 TOTAL HEATED  
 72 FRONT PORCH  
 1272 TOTAL UNDER ROOF



FLOOR PLAN  
 SCALE 1/4"=1'-0"

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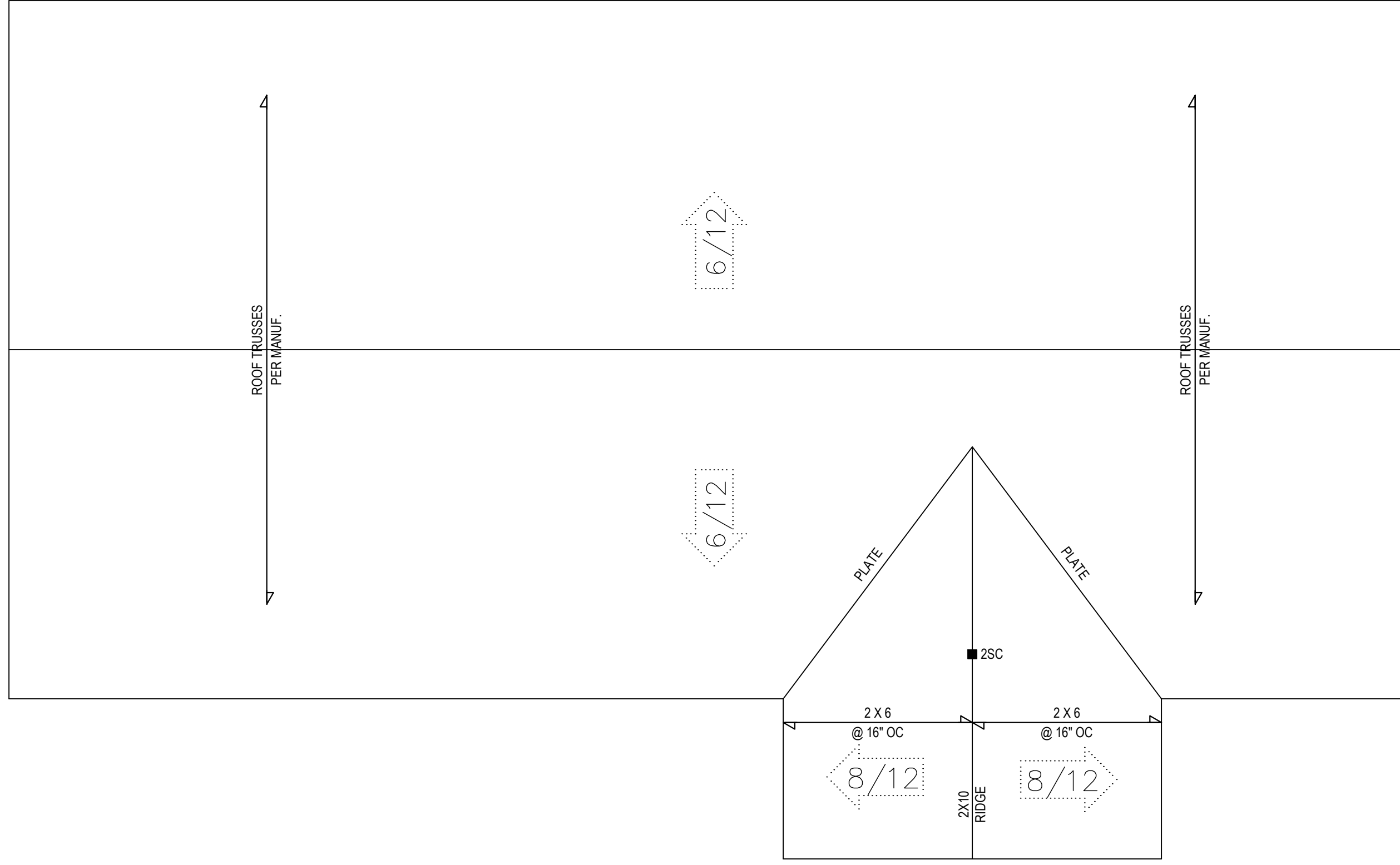
Client: **KEN DAWSON**  
 Date: **THE FAIRHAVEN 2**

# ROOF PLAN

Project #: 2201-010165  
 Date: 05/03/22  
 Engineered By: PTII  
 DWG. Checked By: PTII  
 Scale: SEE PLAN

REVISIONS		
No.	Date	Remarks

Sheet Number  
**S3**  
 3 of 5



ROOF PLAN  
 SCALE: 1/4" = 1'-0"

**STRUCTURAL NOTES**

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE" IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
- DESIGN LOADS:
 

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
			LL	TL
ALL FLOORS	40	10	L/360	L/240
ATTIC (w/ walk up stairs)	30	10	L/360	L/240
ATTIC (flat down access)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/360	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)			
SEISMIC	SEISMIC ZONES A, B & C			
- MINIMUM ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI AND A MAXIMUM SLUMP OF FIVE INCHES UNLESS NOTED OTHERWISE. (U.N.O.)
- MAXIMUM DEPTH OF UNBALANCED FILL AGAINST FOUNDATION WALLS TO BE LESS THAN 4'-0" WITHOUT USING SUFFICIENT WALL BRACING. REFER TO SECTION R602.3 FOR BACKFILL LIMITATIONS BASED ON WALL HEIGHT, WALL THICKNESS, SOIL TYPE, AND UNBALANCED BACKFILL HEIGHT.
- ALL FRAMING LUMBER SHALL BE SYP #2 (F<sub>b</sub> = 800 PSI, BASED ON 2x10) UNLESS NOTED OTHERWISE. ALL FRAMING LUMBER EXPOSED TO THE ELEMENTS SHALL BE TREATED MATERIAL. ALL LVL LUMBER TO BE 1 7/8" WIDE NOMINAL EACH SINGLE MEMBER AND F<sub>b</sub> = 2600 PSI, E = 1.9M PSI (U.N.O.) ALL LVL LUMBER TO BE 3" WIDE NOMINAL EACH SINGLE MEMBER AND F<sub>b</sub> = 2325 PSI, E = 1.8M PSI (U.N.O.) ALL PSL LUMBER TO BE 3 1/2" WIDE NOMINAL EACH SINGLE MEMBER AND F<sub>b</sub> = 2400 PSI, E = 1.8M PSI (U.N.O.)
- ALL LOAD BEARING EXTERIOR HEADERS SHALL BE AT (2) 2x10 (U.N.O.) REFER TO TABLE R602.7(1) & (2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS UNLESS SPECIFICALLY NOTED ON PLANS.
- ALL STRUCTURAL STEEL W-SHAPES (I-BEAMS) SHALL BE ASTM A992 GRADE 50. ALL STEEL ANGLES, PLATES, AND C-CHANNELS SHALL BE ASTM A36.
- ALL STEEL PIPE SHALL BE ASTM A53 GRADE B.
- STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3'-1/2" AND FULL PLATE WITH PROPER SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO (2) LAG SCREWS (1/2" x 4" LONG). LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDED THE JOISTS ARE TOE NAILED TO THE SOLE PLATES, AND THE SOLE PLATES ARE NAILED OR BOLTED TO THE BEAM JOISTS AT 48" O.C.
- PROVIDE ANCHOR BOLT PLACEMENT PER SECTION 603.1.6. 1/2" x 19" ANCHOR BOLTS SPACED AT 6'-0" O.C. AND 12" FROM THE END OF EACH PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 24" O.C. FOR BASEMENTS. ANCHOR BOLTS SHALL EXTEND 7" INTO CONCRETE OR MASONRY. THE BOLTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE WIDTH OF THE PLATE. THERE SHALL BE A MINIMUM TWO ANCHOR BOLTS PER PLATE SECTION.
- FOUNDATION DRAINAGE DAMP PROOFING OR WATERPROOFING PER SECTION 405 AND 406 OF NC BUILDING CODE.
- WALL AND ROOF CLADDING VALUES: WALL CLADDING SHALL BE DESIGNED FOR 20 POUNDS PER SQUARE FOOT (LBS/SQ FT) OR GREATER POSITIVE AND NEGATIVE PRESSURE. ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS: 30.0 LBS/SQ FT FOR ROOF PITCHES 0/12 TO 1.5/12; 36.0 LBS/SQ FT FOR ROOF PITCHES 1.5/12 TO 6/12; 48.0 LBS/SQ FT FOR ROOF PITCHES 6/12 TO 12/12; \*MEAN ROOF HEIGHT 3'-0" OR LESS.
- FOR ROOF SLOPES FROM 2/12 THROUGH 4/12, BUILDER TO INSTALL 2 LAYERS OF 15# FELT PAPER.
- REFER TO SECTION R602.3 FOR FRAMING OF ALL WALLS OVER 10'-0" IN HEIGHT.
- PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.3 OF THE 2018 NCBC.
- UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
- REFER TO TABLE N1102.1 FOR PREScriptive BUILDING ENVELOPE THERMAL COMPONENT CRITERIA.
- PSL COLUMNS DESIGNED WITH MAXIMUM HEIGHT OF 9'-0" (U.N.O.)
- PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
- MAXIMUM MASONRY PER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, P.A. IS NOT RESPONSIBLE FOR DIMENSION OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.

**DEFINITIONS FOR COMMON ABBREVIATIONS**

ALT	= ALTERNATE	MAX	= MAXIMUM
CANT	= CANTILEVER	MIN	= MINIMUM
CAJ	= CEILING JOIST	NOM	= NOMINAL
COL	= COLUMN	O.C.	= ON CENTER
CONC	= CONCRETE	PL	= POINT LOAD
CONT	= CONTINUOUS	PT	= PRESSURE TREATED
CT	= COLLAR TIE	REF	= REINFORCED
DBL	= DOUBLE	REQD	= REQUIRED
DIA	= DIAMETER	RJ	= ROOF JOIST
DI	= DOUBLE JOIST	RS	= ROOF SUPPORT
DR	= DOUBLE RAFTER	SC	= STUD COLUMN
EA	= EACH	SCH	= SCHEDULE
EE	= EACH END	THK	= THICK
FJ	= FLOOR JOIST	TJ	= TRIPLE JOIST
FND	= FOUNDATION	TRD	= TREATED
FTG	= FOOTING	TRD	= TYPICAL
GALV	= GALVANIZED	UNO	= UNLESS NOTED OTHERWISE
HORIZ	= HORIZONTAL	W	= WIDE FLANGE BEAM
HT	= HEIGHT	WWF	= WELDED WIRE FABRIC
MANUF	= MANUFACTURER	XJ	= EXTRA JOIST

**1) MAXIMUM HEIGHT OF DECK SUPPORT POSTS AS FOLLOWS:**

POST SIZE	MAX. POST HEIGHT**
4 x 4	8'-0"
6 x 6	20'-0"
**	OVER 20'-0"

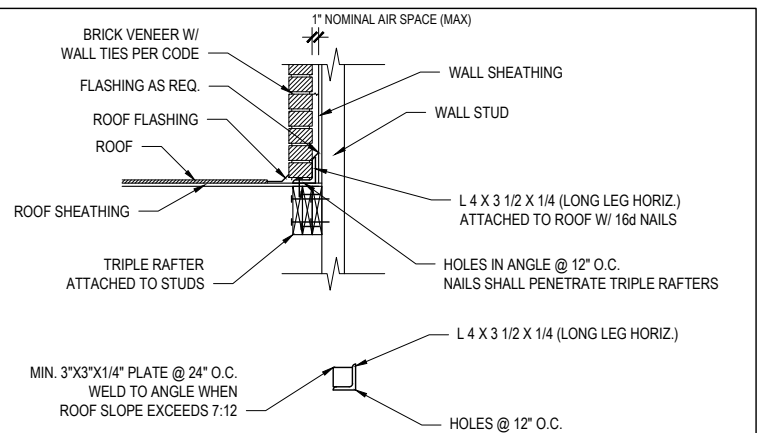
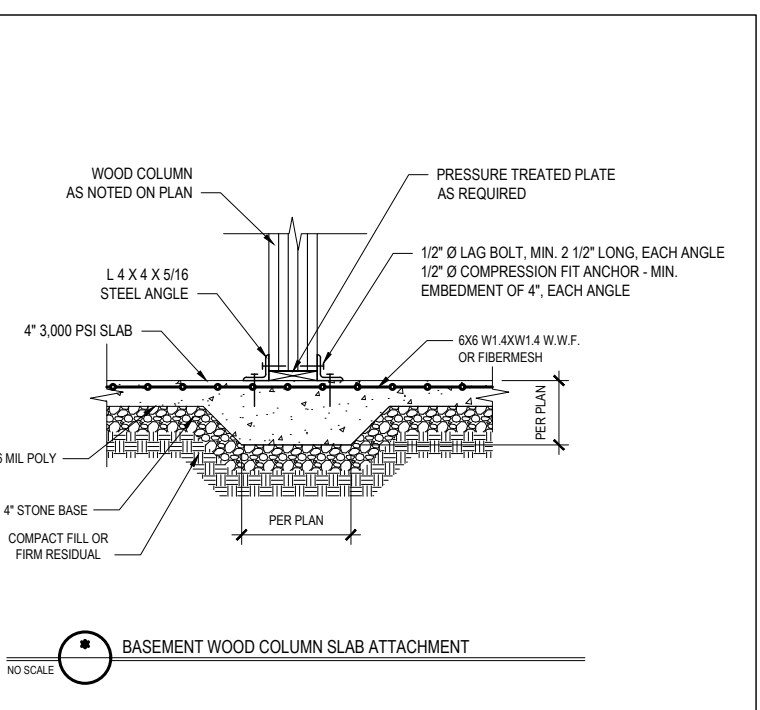
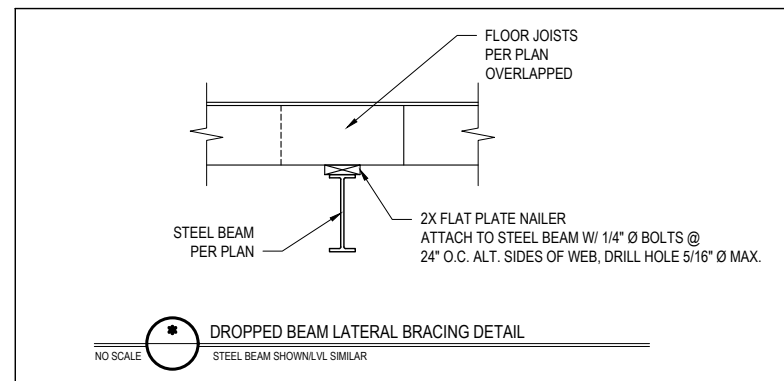
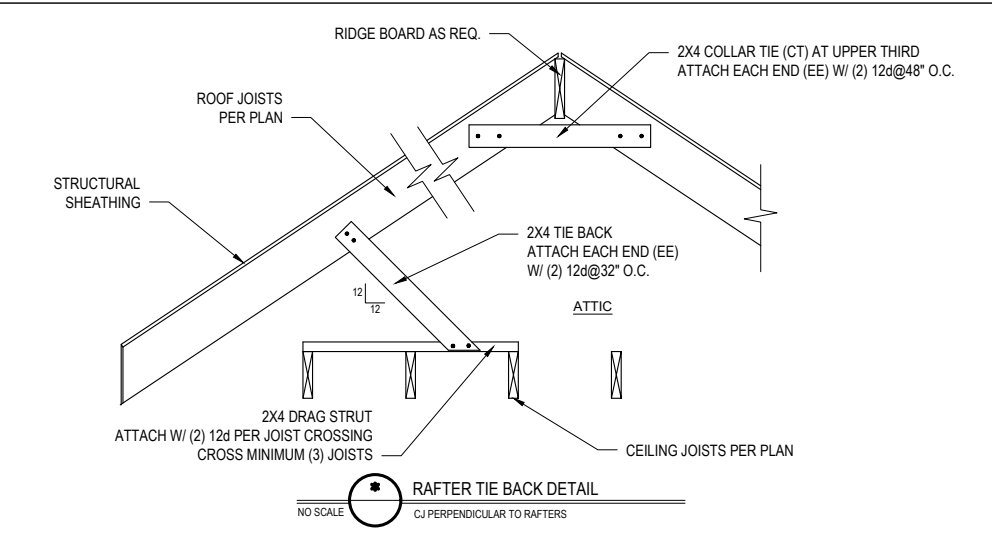
\* THIS TABLE IS BASED ON NO. 2 TREATED SOUTHERN PINE POSTS. MAXIMUM TRIBUTARY AREA IS BASED ON 128 TOTAL SQUARE FEET WHICH MAY BE LOCATED AT DIFFERENT LEVELS. \*\* FROM TOP OF FOOTING TO BOTTOM OF ORDER. \*\*\* DECKS WITH POST HEIGHTS OVER 20'-0" SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.

**2) DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY BY ONE OF THESE METHODS:**

- THE DECK FLOOR HEIGHT IS LESS THAN 4'-0" AND THE DECK IS ATTACHED TO THE STRUCTURE IN ACCORDANCE WITH SECTION 4) ABOVE. LATERAL BRACING IS NOT REQUIRED.
- 4 x 4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH DIRECTIONS. THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LESS THAN 1/3 OF THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SHALL BE ANGLED BETWEEN 45° AND 60° FROM THE HORIZONTAL. KNEE BRACES SHALL BE BOLTED TO THE POST AND ORDER WITH ONE 5/8" HOT DIPPED GALVANIZED BOLT AT EACH END OF THE BRACE.
- FOR FREESTANDING DECKS WITHOUT KNEE BRACES OR DIAGONAL BRACING, LATERAL STABILITY MAY BE PROVIDED BY EMBEDDING THE POSTS IN ACCORDANCE WITH THE FOLLOWING:

POST SIZE	MAX. TRIBUTARY AREA	MAX. POST HEIGHT	EMBEDMENT DEPTH	CONCRETE DIAMETER
4 x 4	48 SQ. FT.	4'-0"	2'-6"	1'-0"
6 x 6	120 SQ. FT.	6'-0"	3'-6"	1'-8"

- 2 x 6 DIAGONAL VERTICAL CROSS BRACING MAY BE PROVIDED IN TWO (2) PERPENDICULAR DIRECTIONS FOR FREESTANDING DECKS OR PARALLEL TO THE STRUCTURE AT THE EXTERIOR COLUMN LINE FOR ATTACHED DECKS. THE 2 x 6s SHALL BE ATTACHED TO THE POSTS WITH ONE 5/8" HOT DIPPED GALVANIZED BOLT AT EACH END OF EACH BRACING MEMBER.
- FOR FREESTANDING DECKS IN COASTAL REGIONS, SEE CHAPTER 66.

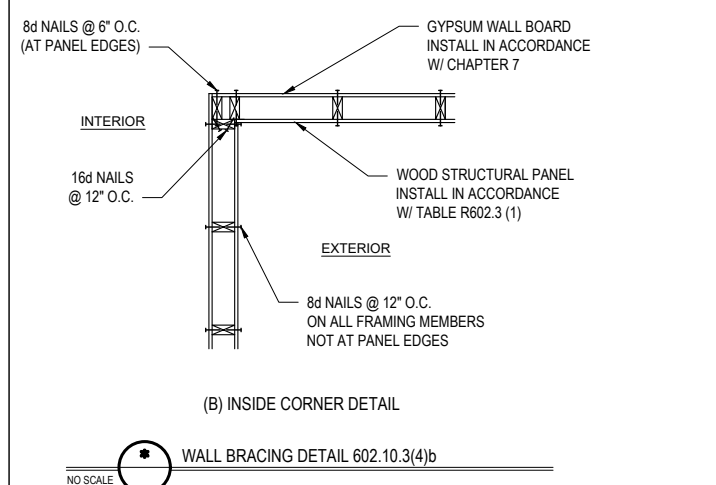
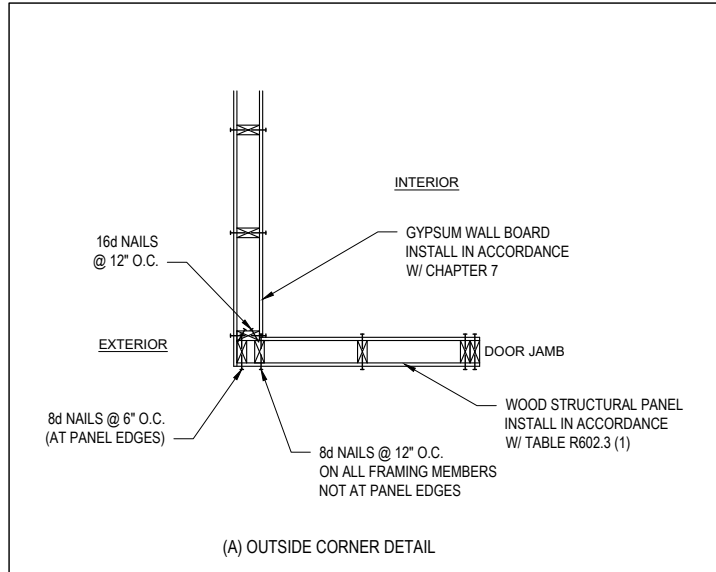
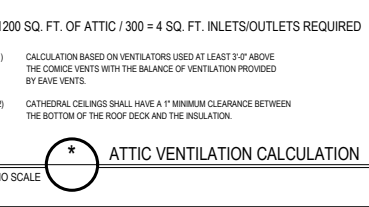


**ALLOWABLE SPANS FOR LINTELS SUPPORTING MASONRY VENEER**

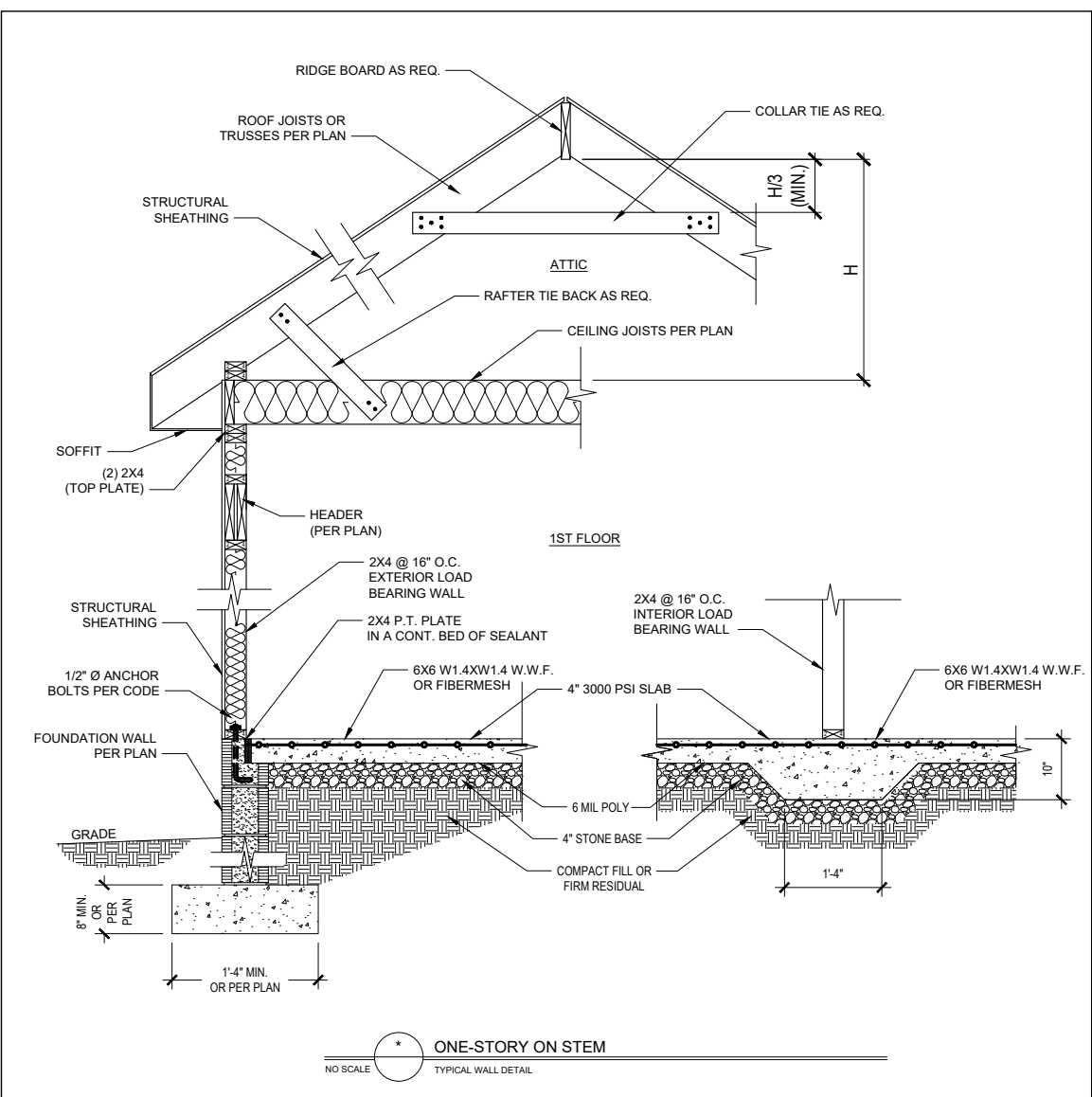
SIZE OF ANGLE (1,3)	NO STORY ABOVE (5)	1 STORY ABOVE (5)	2 STORIES ABOVE (5)	# OF 1/2" (OR EQUIV.) REINFORCING BARS IN REINFORCED LINTEL (2,4,5)
L 3 x 3 x 1/2	6'-0"	4'-6"	3'-0"	1
L 4 x 3 x 1/2	8'-0"	6'-0"	4'-6"	1
L 5 x 3 1/2 x 3/4	10'-0"	8'-0"	6'-0"	2
L 6 x 3 1/2 x 3/4	14'-0"	9'-6"	7'-0"	2
2L 5 x 3 1/2 x 3/8	20'-0"	12'-0"	9'-6"	4

- LONG LEG OF THE ANGLE SHALL BE PLACED IN A VERTICAL POSITION.
- DEPTH OF REINFORCED LINTELS SHALL NOT BE LESS THAN 4" AND ALL CELLS OF HOLLOW MASONRY LINTELS SHALL BE GROUTED. REINFORCING BARS SHALL EXTEND NOT LESS THAN 8" INTO THE SUPPORT.
- STEEL MEMBERS INDICATED ARE ADEQUATE TYPICAL EXAMPLES; OTHER STEEL MEMBERS MEETING STRUCTURAL DESIGN REQUIREMENTS SHALL BE PERMITTED TO BE USED.
- EITHER STEEL ANGLE OR REINFORCED LINTEL SHALL SPAN OPENING.
- SPANS OVER 4'-0" SHALL BE SHORED UP UNTIL CURED.

**MASONRY VENEER SUPPORT FIG 703.8.3.1**  
NO SCALE



**WALL BRACING DETAIL 602.10.3(4)b**  
NO SCALE

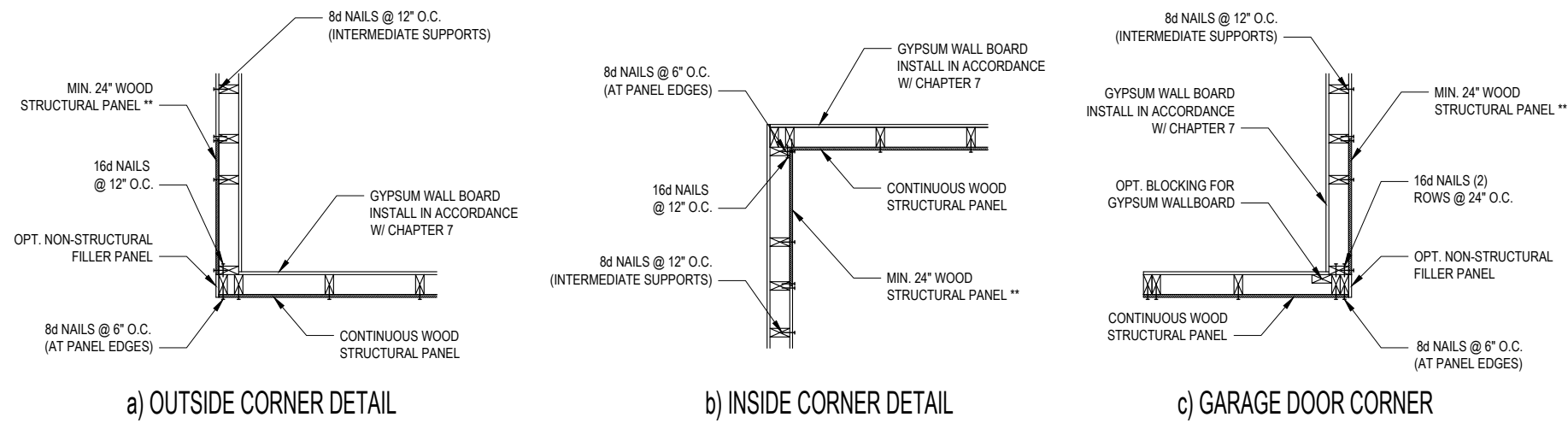


**TABLE N1102.1 CLIMATE ZONES 3-5**

CLIMATE ZONES	FENESTRATION U-FACTOR (1)	SKYLIGHT U-FACTOR (2)	GLAZED FENESTRATION SHGC (3)	CEILING R-VALUE (4)	WOOD FRAMED WALL R-VALUE (5)	MASS WALL R-VALUE (6)	FLOOR R-VALUE (7)	BASEMENT WALL R-VALUE (8)	SLAB R-VALUE AND DEPTH (9)	CRAWL SPACE WALL R-VALUE (10)
3	0.35	0.55	0.30	35 or 30 (opp)	13 or 13 + 2.5	5/13 or 5/10 (opp)	19	9/13	0	5/13
4	0.35	0.55	0.30	38 or 30 (opp)	13 + 2.5	5/13 or 5/10 (opp)	19	10/15	10	10/15
5	0.35	0.55	NR	38 or 30 (opp)	19, or 13 + 5, or 15 + 3	13/17 or 13/12.5 (opp)	30	10/15	10	10/15

- TABLE N1102.1 CLIMATE ZONES 3-5**
- R-VALUES ARE MINIMUM U-FACTOR AND SHGC ARE MAXIMUM. WHEN INSULATION IS INSTALLED IN A CAVITY WHICH IS LESS THAN THE LABEL OR DESIGN THICKNESS OF THE INSULATION, THE INSULATION SHALL NOT BE LESS THAN THE LABEL OR DESIGN THICKNESS.
  - FENESTRATION U-FACTOR COLUMN EXCLUDES SKYLIGHTS. THE SOLAR HEAT GAIN COEFFICIENT (SHGC) APPLIES TO ALL GLAZED FENESTRATION.
  - 2" OR MORE R-19 CONTINUOUS INSULATION BRACING ON THE INTERIOR OR EXTERIOR OF THE HOME PER I-CAPIT INSULATION AT THE INTERIOR OF THE BASEMENT WALL OR CRAWL SPACE WALL.
  - FOR PERFORMING SLAB INSULATION, INSULATION SHALL BE APPLIED FROM THE BOTTOM UP TO THE BOTTOM OF THE FOOTING OR A MINIMUM OF 2" ABOVE GRADE. BRICKERES SHALL BE USED FOR LAPPING INSULATION. ALL INSULATION SHALL BE SUPPLEMENTED WITH INSULATION TO THE BOTTOM OF AT LEAST 2" OF INSULATION IN CAVITY.
  - INSULATION:
    - BASEMENT WALL INSULATION IS NOT REQUIRED IN WARM-HUMID LOCATIONS AS DEFINED BY SECTION 602.1 AND TABLE N1102.1.
    - OR INSULATION IS REQUIRED TO FILL THE FRAMING CAVITY. (U.N.O.)
    - IF THE FIRST VALUE IS 0-10 IN INSULATION, THE SECOND VALUE IS CONTINUOUS INSULATION. 10"-10" MEANS 8" CAVITY INSULATION PLUS 2" INSULATED SHEATHING. 10"-10" MEANS 8" CAVITY INSULATION PLUS 2" INSULATED SHEATHING. 2" INSULATED SHEATHING SHALL BE APPLIED TO THE INTERIOR OF THE BASEMENT WALL OR CRAWL SPACE WALL.
    - INSULATION SHALL BE SUPPLEMENTED WITH INSULATION TO THE BOTTOM OF AT LEAST 2" OF INSULATION IN CAVITY.
  - INSULATION:
    - FOR FOUNDATION WALLS, THE SECOND VALUE APPLIES WHEN MORE THAN HALF THE INSULATION IS ON THE INTERIOR WALL.
    - IN ADDITION TO THE EXEMPTION IN SECTION 602.1, A MINIMUM OF TWO (2) INCHES OF INSULATION SHALL BE APPLIED TO THE INTERIOR OF THE FOUNDATION WALL OR CRAWL SPACE WALL.
    - INSULATION SHALL BE SUPPLEMENTED WITH INSULATION TO THE BOTTOM OF AT LEAST 2" OF INSULATION IN CAVITY.
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    - INSULATION SHALL BE SUPPLEMENTED WITH INSULATION TO THE BOTTOM OF AT LEAST 2" OF INSULATION IN CAVITY.
    - INSULATION SHALL BE SUPPLEMENTED WITH INSULATION





\*\*IN LIEU OF THE 24\"/>

**B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING**  
NO SCALE

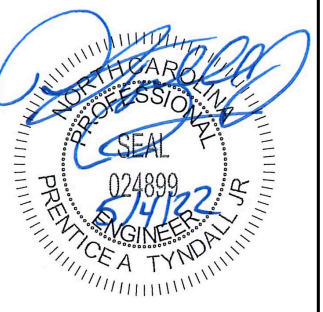
**STRUCTURAL SHEATHING NOTES**

- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR LESS.
- WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10.3 OF THE 2018 NRC.
- BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3. REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.  
 REFERENCE FIGURE R602.10.4.3 OF THE 2018 NRC.
- INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (LINO)  
 12\"/>
- EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS-WSP METHOD AS PRESCRIBED IN SECTION R602.10.3 (LINO)
- ALL SHEATHABLE SURFACES OF EXTERIOR WALLS INCLUDING AREAS ABOVE AND BELOW OPENINGS AND GABLE END WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANEL (WSP) SHEATHING WITH A MINIMUM THICKNESS OF 3/8\"/>
- MINIMUM BRACED WALL PANEL LENGTHS WITH CS-WSP METHOD SHALL BE AS FOLLOWS:  
 - 24\"/>
- FOR CS-WSP METHOD, A MINIMUM 24\"/>

REQUIRED BRACED WALL PANEL CONNECTIONS				
METHOD	MATERIAL	MIN. THICKNESS	REQUIRED CONNECTION	
			@ PANEL EDGES	@ INTERMEDIATE SUPPORTS
CS-WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6\"/>	6d COMMON NAILS @ 12\"/>
GB	GYPSUM BOARD	1/2"	5d COOLER NAIL** @ 7\"/>	5d COOLER NAIL** @ 7\"/>
WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6\"/>	6d COMMON NAILS @ 12\"/>

\*\*OR EQUIVALENT PER TABLE R702.3.5  
**B3: BRACE WALL PANEL CONNECTIONS**  
NO SCALE

\* Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precaution.  
 \* Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A.  
 Failure to do so will void Tyndall Engineering & Design, P.A. liability.  
 \* Please review these documents carefully.  
 Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



**TYNDALL**  
ENGINEERING & DESIGN, P.A.



1919 775-3800 • F 919-775-9488  
280 Shipwash Drive • Garner • North Carolina • 27839  
www.tyndallengineering.com

Client: **KEN DAWSON**  
 Date: **THE FAIRHAVEN 2**

**SHEATHING  
DETAILS**

Project #: **2201-010165**  
 Date: **05/03/22**  
 Engineered By: **PTH**  
 B.W.C. Checked By: **PTH**  
 Scale: **NOT TO SCALE**

REVISIONS		
No.	Date	Remarks

Sheet Number

**D2**