

**STRUCTURAL EVALUATION BY:**  
**HOWERTON SERVICES, PLLC**  
 LICENSE # P-1716  
 3513 CATHEDRAL BELL ROAD, RALEIGH, NC 27614

ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ON THIS DOCUMENT. SEAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS. ANY DEVIATIONS OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. FAILURE TO DO SO WILL VOID ENGINEER'S LIABILITY. DO NOT SCALE THESE DRAWINGS

**FIRST FLOOR PLAN**  
 SCALE: 1/4"=1'-0"

FIRST FLOOR HEATED AREA: 1919 SQ. FT.  
 SECOND FLOOR HEATED AREA: 1072 SQ. FT. (EXCLUDING STAIRCASE)  
 TOTAL HEATED AREA: 2991 SQ. FT. IN SIDING

GARAGE: 679 SQ. FT.  
 FRONT PORCH: 313 SQ. FT.  
 DECK: 280 SQ. FT.  
 SCREENED PORCH: 272 SQ. FT.

9 FT. CEILINGS ON FIRST FLOOR  
 8 FT. CEILINGS ON SECOND FLOOR

(2)2X10 HEADER OVER OPENINGS W/ 2 JACKS EA. END (TYPICAL U.O.N.) (SEE GENERAL NOTES)

NOTES: DOG WASH IN LAUNDRY ROOM W/ SHOWER HEAD AT 42" OF HEIGHT  
 WATER HEATER WILL BE TANKLESS AND ITS LOCATION DETERMINED BY BUILDER AT LATER DATE

\* MUST MEET EMERGENCY EGRESS REQUIREMENTS (SEE SHEET 1).

**WINDOW SCHEDULE**

A	3'-4" X 4'-2" D.H.	D	3'-0" X 4'-2" D.H.	G	2'-6" X 4'-2" D.H.	L	TRANSOM 3'-8" X 1'-5"	P*	2'-4" X 4'-0" CASEMENT
B*	3'-0" X 6'-2" D.H.	E*	2'-8" X 5'-2" D.H.	H	2'-4" X 3'-6" D.H.	M	TRANSOM 4'-2" X 1'-0"	Q	
C	3'-0" X 4'-6" D.H.	F	2'-8" X 3'-2" D.H.	K	2'-0" X 3'-6" D.H.	N	TRANSOM 2'-4" X 1'-5"	R	

**DOOR SCHEDULE**

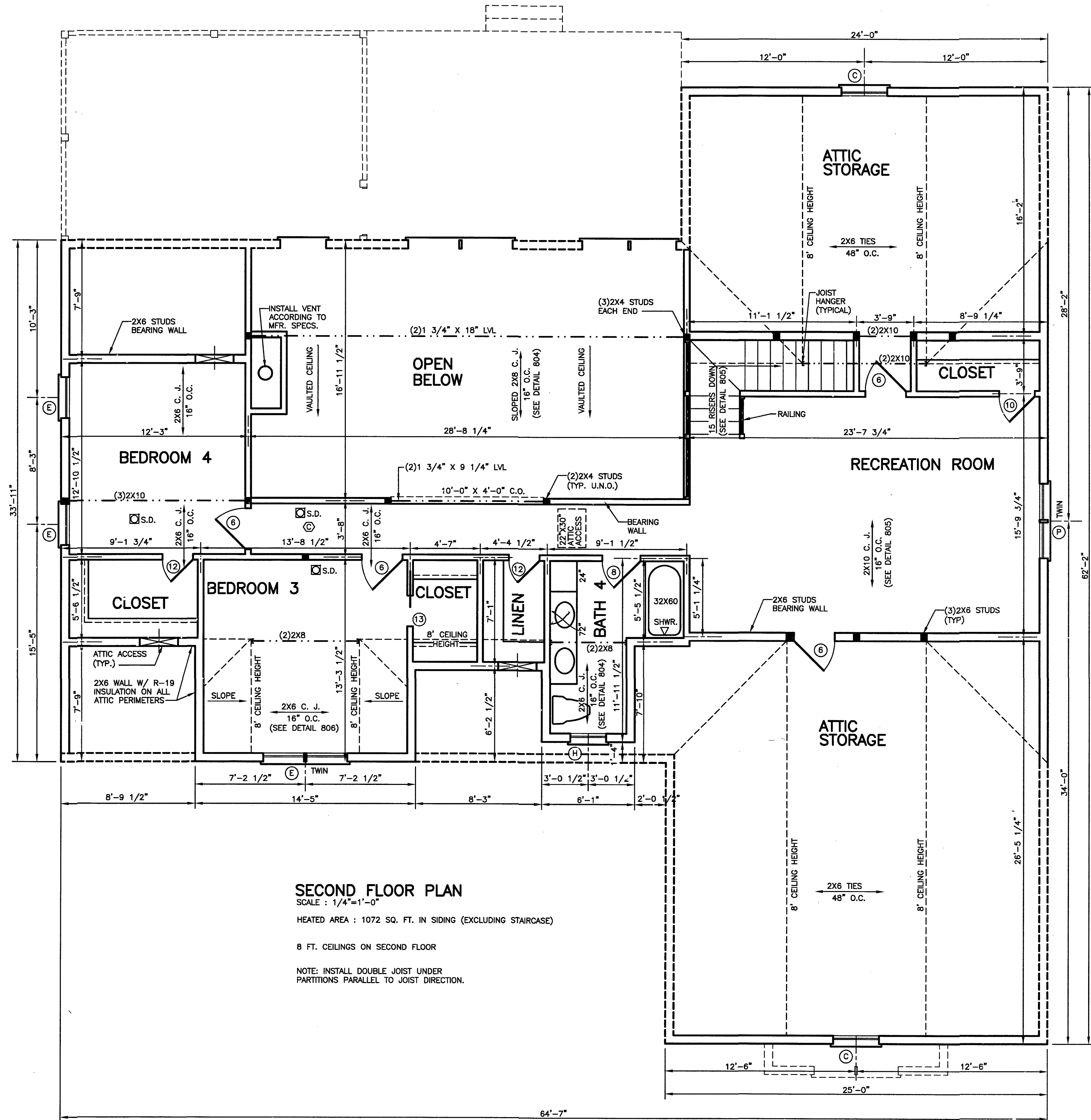
1	PARTIAL LITE 3'-0" X 6'-8" X 1 3/4"	4	3'-0" X 6'-8" X 1 3/4"	7	BARN W/ LITE 2'-8" X 6'-8" X 1 3/8"	10	2'-4" X 6'-8" X 1 3/8"	13	POCKET 2'-0" X 6'-8" X 1 3/8"	16	BI-FOLD 4'-0" X 6'-8" X 1 3/8"
2	PARTIAL LITE 1'-0" X 6'-8" X 1 3/4"	5	3'-0" X 6'-8" X 1 3/8"	8	2'-8" X 6'-8" X 1 3/8"	11	POCKET 2'-4" X 6'-8" X 1 3/8"	14	DOUBLE OPENING 5'-0" X 6'-8" X 1 3/8"	17	GARAGE DOOR 18'-0" X 8'-0"
3	FULL LITE 3'-0" X 6'-8" X 1 3/4"	6	2'-8" X 6'-8" X 1 3/8"	9	POCKET 2'-8" X 6'-8" X 1 3/8"	12	2'-0" X 6'-8" X 1 3/8"	15	DOUBLE OPENING 3'-0" X 6'-8" X 1 3/8"	18	SCREENED DOOR 3'-0" X 6'-8" X 1 1/8"

**Standard Homes Plan Service, Inc.**  
 7200 SUNSET LAKE ROAD FUQUAY-VARINA, N.C. 27526 (919)552-5677

DESIGNED FOR	NO.	MATERIAL	SHOWN
SCOTT & KYLEY CALDWELL	CUSTOM 2552	SIDING	

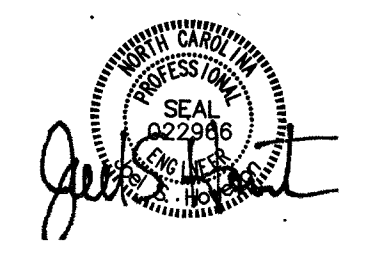
REVISED 02-25-20

SHEET 3 OF 8



**STRUCTURAL EVALUATION BY:**

HOWERTON SERVICES, PLLC  
 LICENSE # P-1716  
 3513 CATHEDRAL BELL ROAD, RALEIGH, NC 27614



- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ON THIS DOCUMENT. SEAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS.
- ANY DEVIATIONS OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. FAILURE TO DO SO WILL VOID ENGINEER'S LIABILITY.
- DO NOT SCALE THESE DRAWINGS

\* MUST MEET EMERGENCY EGRESS REQUIREMENTS (SEE SHEET 1).

**WINDOW SCHEDULE**

A	3'-4" X 4'-2" D.H.	D	3'-0" X 4'-2" D.H.	G	2'-6" X 4'-2" D.H.	L	TRANSOM 3'-8" X 1'-5"	P*	2'-4" X 4'-0" CASEMENT
B*	3'-0" X 6'-2" D.H.	E*	2'-8" X 5'-2" D.H.	H	2'-4" X 3'-6" D.H.	M	TRANSOM 4'-2" X 1'-0"	Q	
C	3'-0" X 4'-6" D.H.	F	2'-8" X 3'-2" D.H.	K	2'-0" X 3'-6" D.H.	N	TRANSOM 2'-4" X 1'-5"	R	

**DOOR SCHEDULE**

1	PARTIAL LITE 3'-0" X 6'-8" X 1 3/4"	4	3'-0" X 6'-8" X 1 3/4"	7	BARN W/ LITE 2'-8" X 6'-8" X 1 3/8"	10	2'-4" X 6'-8" X 1 3/8"	13	POCKET 2'-0" X 6'-8" X 1 3/8"	16	BI-FOLD 4'-0" X 6'-8" X 1 3/8"
2	PARTIAL LITE 1'-0" X 6'-8" X 1 3/4"	5	3'-0" X 6'-8" X 1 3/8"	8	2'-6" X 6'-8" X 1 3/8"	11	POCKET 2'-4" X 6'-8" X 1 3/8"	14	DOUBLE OPENING 5'-0" X 6'-8" X 1 3/8"	17	GARAGE DOOR 18'-0" X 8'-0"
3	FULL LITE 3'-0" X 6'-8" X 1 3/4"	6	2'-8" X 6'-8" X 1 3/8"	9	POCKET 2'-6" X 6'-8" X 1 3/8"	12	2'-0" X 6'-8" X 1 3/8"	15	DOUBLE OPENING 3'-0" X 6'-8" X 1 3/8"	18	SCREENED DOOR 3'-0" X 6'-8" X 1 1/8"

**Standard Homes Plan Service, Inc.**  
 7200 SUNSET LAKE ROAD FUQUAY-VARINA, N.C. 27526 (919)552-5677  
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARHHOMES.COM

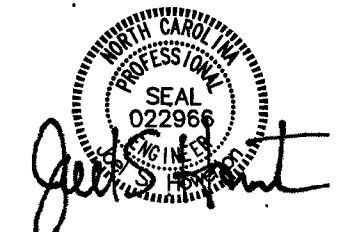
DESIGNED FOR: SCOTT & KYLEY CALDWELL  
 PLAN NO.: CUSTOM 2552  
 MATERIAL: SIDING  
 SHOWN

REVISED 02-25-20

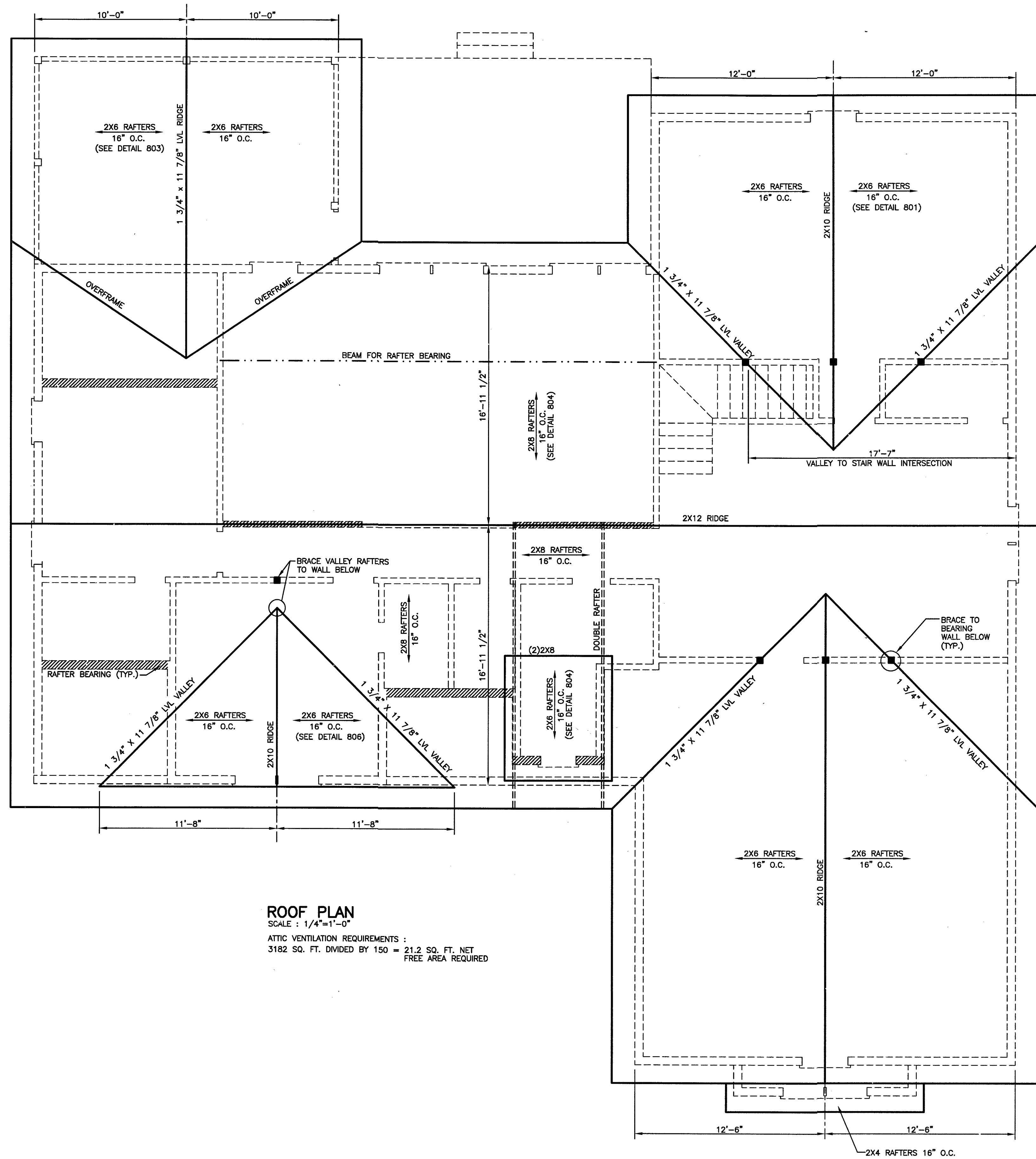
SHEET  
4 OF 8

**STRUCTURAL EVALUATION BY:**

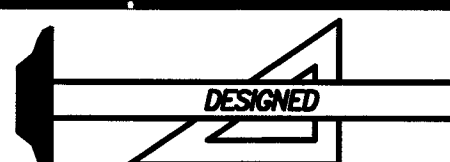
HOWERTON SERVICES, PLLC  
 LICENSE # P-1716  
 3513 CATHEDRAL BELL ROAD, RALEIGH, NC 27614



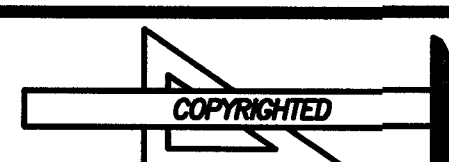
- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ON THIS DOCUMENT.
- SEAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS.
- ANY DEVIATIONS OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. FAILURE TO DO SO WILL VOID ENGINEER'S LIABILITY.
- DO NOT SCALE THESE DRAWINGS



**ROOF PLAN**  
 SCALE : 1/4"=1'-0"  
 ATTIC VENTILATION REQUIREMENTS :  
 3182 SQ. FT. DIVIDED BY 150 = 21.2 SQ. FT. NET  
 FREE AREA REQUIRED



**Standard Homes Plan Service, Inc.**  
 7200 SUNSET LAKE ROAD FUQUAY-VARINA, NC 27526 (919)552-5677  
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARDHOMES.COM



DESIGNED FOR	PLAN	NO.	MAT'L	SHOWN	SHEET
SCOTT & KYLEY CALDWELL	CUSTOM	2552	SIDING		5 OF 8

REVISED 02-25-20



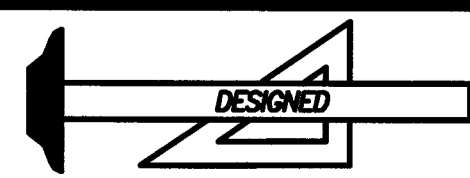


FRONT ELEVATION  
SCALE : 1/4"=1'-0"



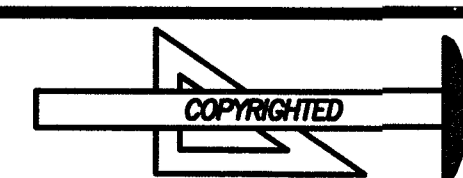
RIGHT ELEVATION  
SCALE : 1/4"=1'-0"

REVISED 02-25-20



**Standard Homes Plan Service, Inc.**

7200 SUNSET LAKE ROAD FUQUAY-VARINA, NC 27526 (919)552-5677  
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARDHOMES.COM

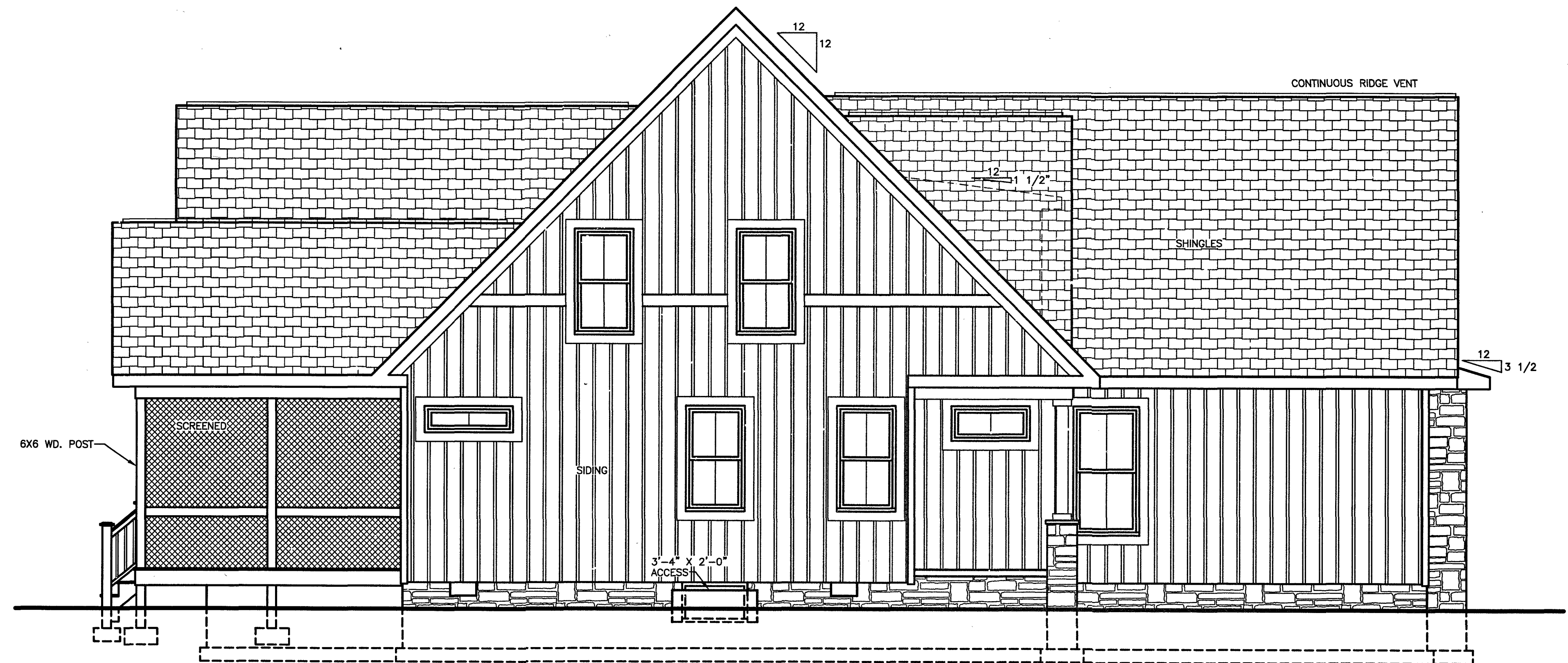


DESIGNED FOR	PLAN	NO.	MAT'L	SHOWN	SHEET
SCOTT & KYLEY CALDWELL	CUSTOM	2552	SIDING		6 OF 8

© 2007 STANDARD HOMES PLAN SERVICE, INC.

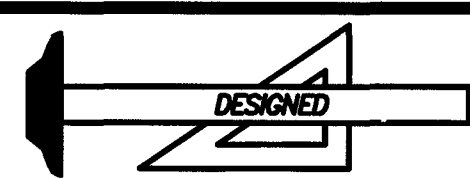


REAR ELEVATION  
SCALE : 1/4"=1'-0"

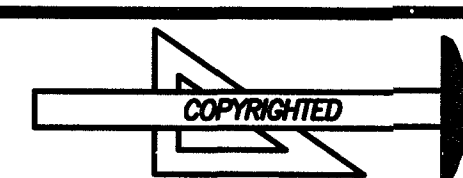


LEFT ELEVATION  
SCALE : 1/4"=1'-0"

REVISED 02-25-20



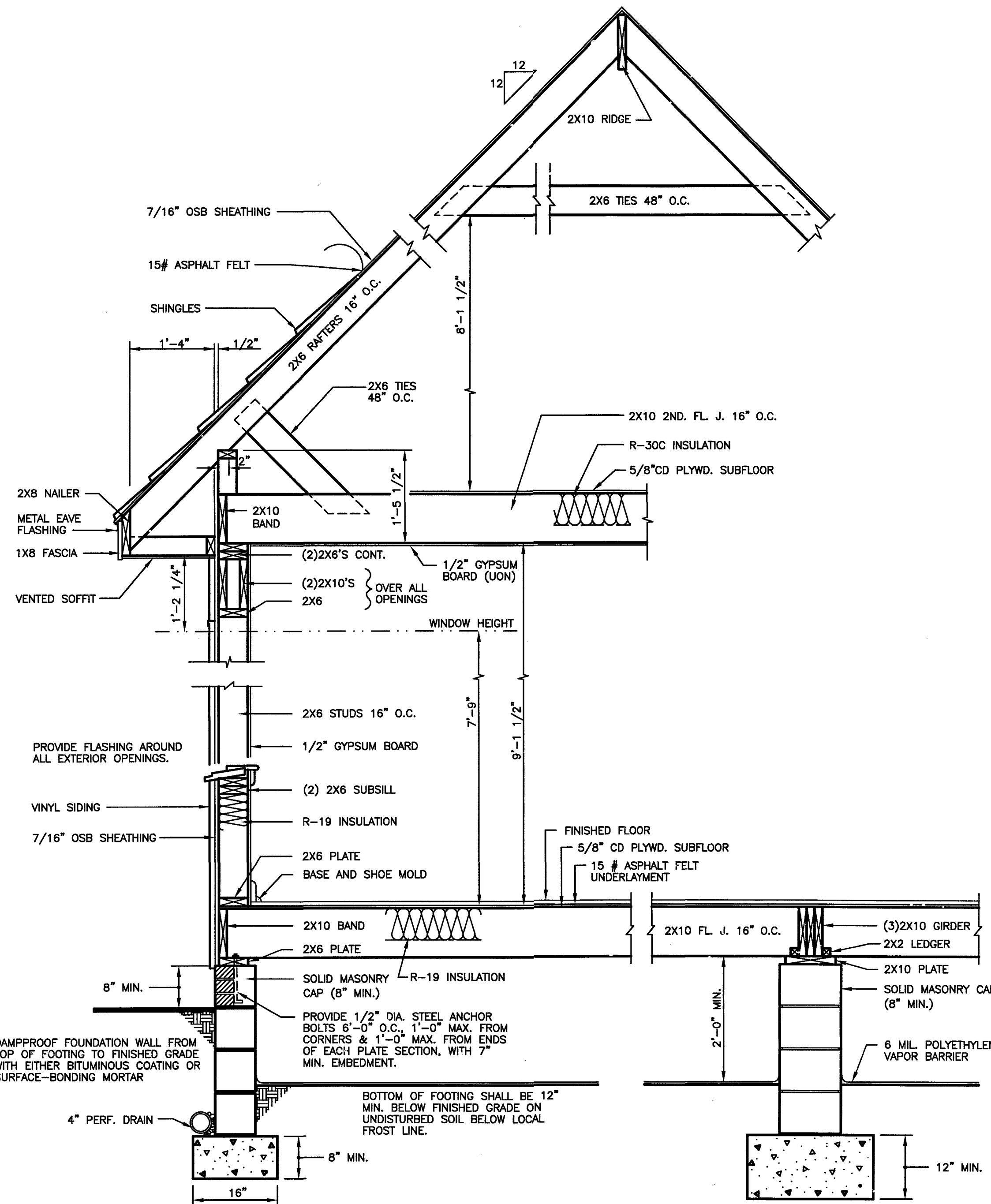
**Standard Homes Plan Service, Inc.**  
7200 SUNSET LAKE ROAD FLUQUAY-VARINA, NC 27526 (919)552-5677  
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARHHOMES.COM



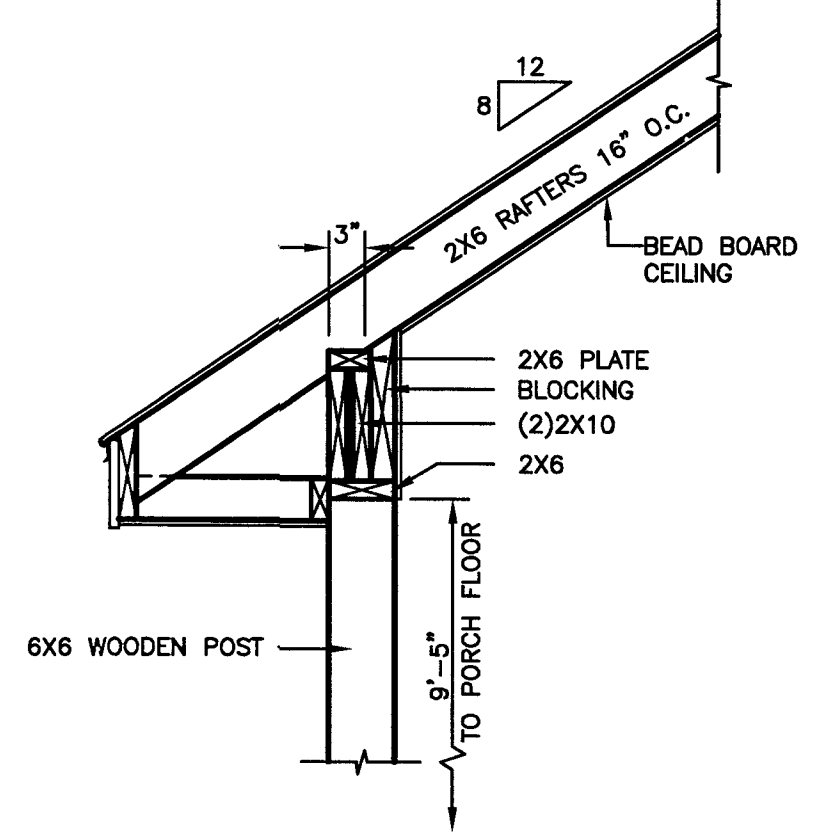
DESIGNED FOR	PLAN	NO.	MAT'L	SHOWN	SHEET
SCOTT & KYLEY CALDWELL	CUSTOM	2552	SIDING		7 OF 8

© 2007 STANDARD HOMES PLAN SERVICE, INC.

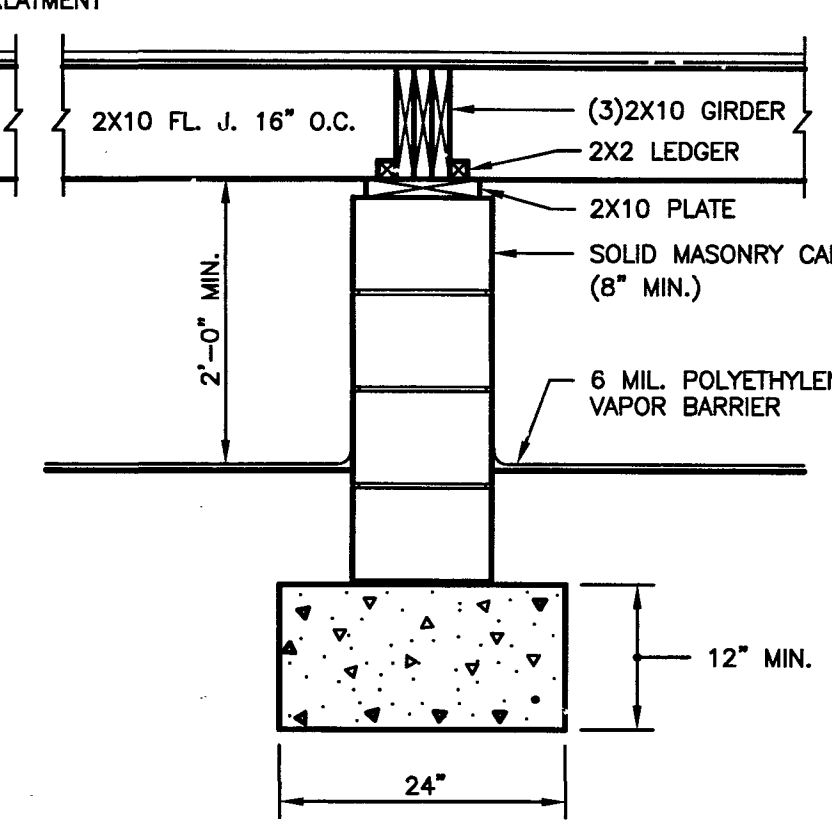




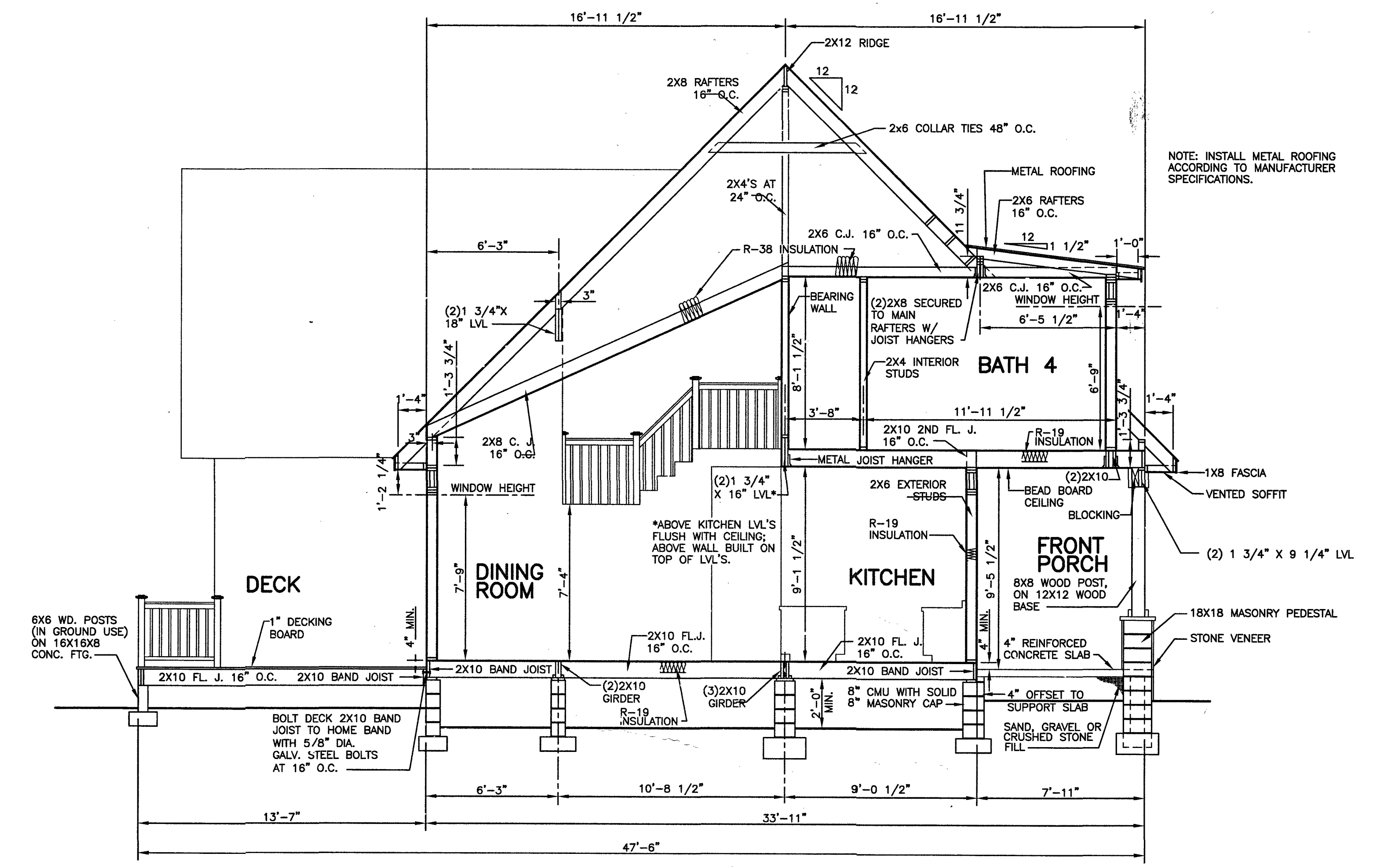
**801 BEDROOM 1 WALL SECTION**  
SCALE: 3/4" = 1'-0"



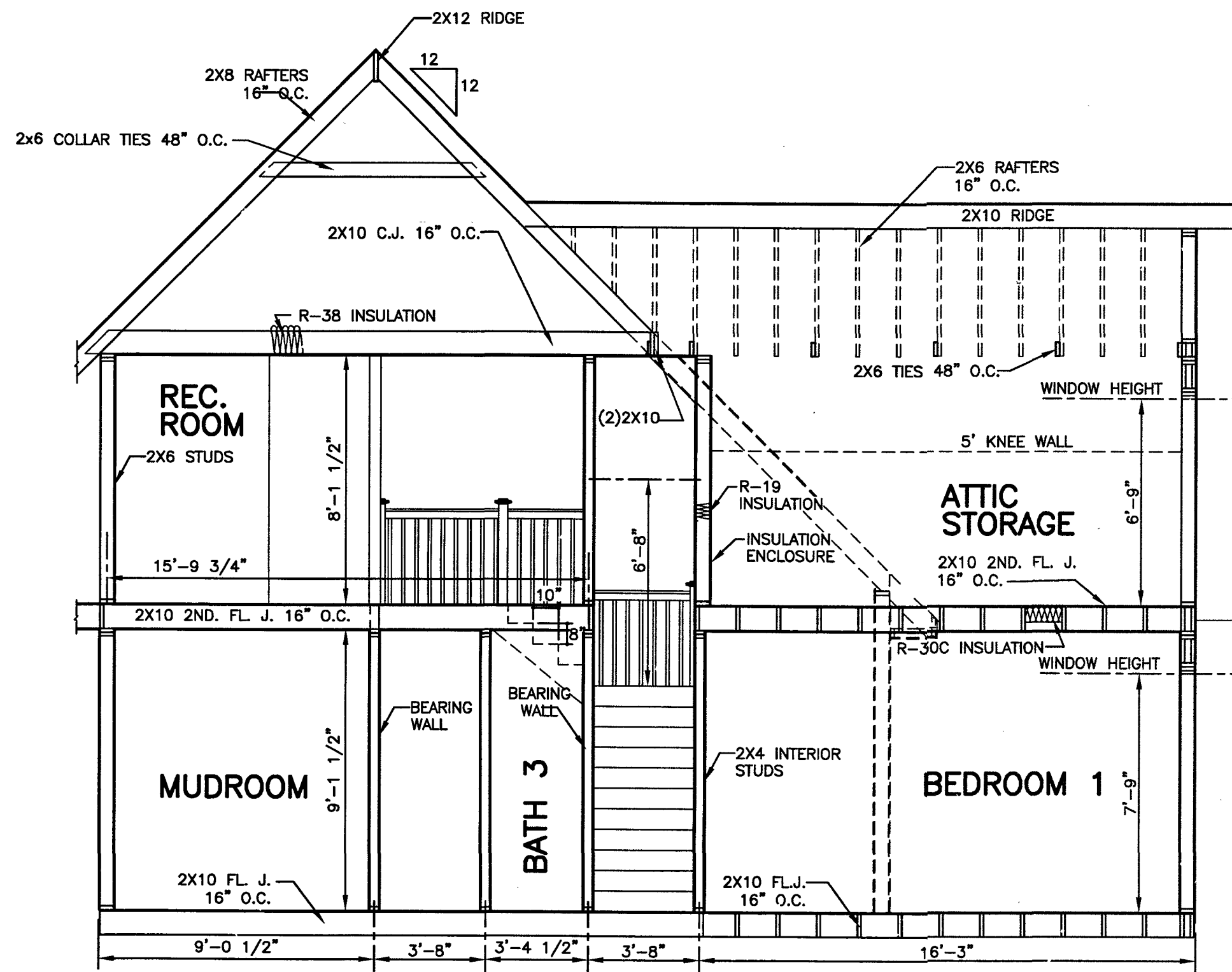
**803 SCREENED PORCH SECTION**  
SCALE: 3/4" = 1'-0"



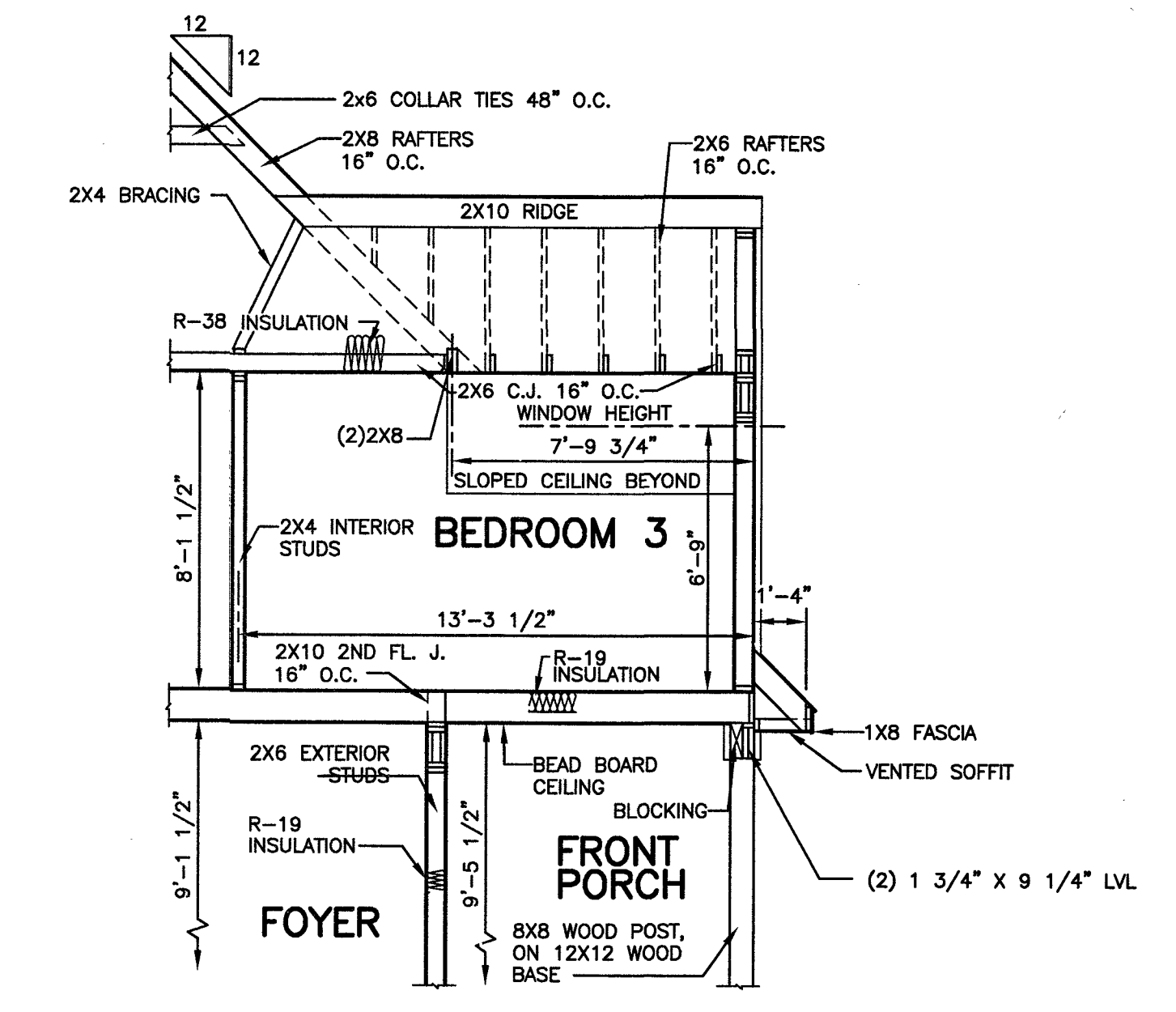
**802 SECTION THRU GIRDER**  
SCALE: 3/4" = 1'-0"



**804 SECTION THRU DINING ROOM**  
SCALE: 1/4" = 1'-0"



**805 SECTION THRU RECREATION ROOM**  
SCALE: 1/4" = 1'-0"



**806 SECTION THRU BEDROOM 3 DORMER**  
SCALE: 1/4" = 1'-0"

NOTE: INSTALL METAL ROOFING ACCORDING TO MANUFACTURER SPECIFICATIONS.

- ABBREVIATIONS**
- ACC. = ACCESS
  - BWL = BRACED WALL LINE
  - BWP. = BRACED WALL PANEL
  - C.O. = CASED OPENING
  - C.J. = CEILING JOIST
  - CLOS. = CLOSET
  - COL. = COLUMN
  - COMP. = COMPOSITION
  - CONC. = CONCRETE
  - CONT. = CONTINUOUS
  - C.M.A. = CARBON MONOXIDE ALARM
  - C.M.U. = CONCRETE MASONRY UNIT
  - D.H. = DOUBLE HUNG
  - DIA. = DIAMETER
  - D.J. = DOUBLE JOIST
  - DN. = DOWN
  - EXH. = EXHAUST
  - EXT. = EXTERIOR
  - FL.J. = FLOOR JOIST
  - FTG. = FOOTING
  - G.F.I. = GROUND FAULT INTERRUPTER
  - H.B. = HOSE BIB
  - LVL. = LAMINATED VENEER LUMBER
  - M.O. = MASONRY OPENING
  - MAS. = MASONRY
  - MAX. = MAXIMUM
  - M.C. = MEDICINE CABINET
  - MTL. = METAL
  - MIN. = MINIMUM
  - O.C. = ON CENTER
  - OSB = ORIENTED STRAND BOARD
  - PERF. = PERFORATED
  - REC. = RECESSED
  - REINF. = REINFORCED
  - SCR. = SCREENED
  - S.D. = SMOKE DETECTOR
  - SEC. = SECOND
  - SHWR. = SHOWER
  - S.Y.P. = SOUTHERN YELLOW PINE
  - S.P.F. = SPRUCE/PINE/FIR
  - SUSP. = SUSPENDED
  - TYP. = TYPICAL
  - U.O.N. = UNLESS OTHERWISE NOTED
  - WASH. = WASHER
  - W.H. = WATER HEATER
  - W.P. = WEATHER PROOF
  - W.W.M. = WELDED WIRE MESH
  - WDW. HT. = WINDOW HEIGHT
  - WD. = WOOD

- SYMBOLS**
- O- = HOSE BIB
  - s = SWITCH
  - s<sub>3</sub> = 3-WAY SWITCH
  - ◇ = LIGHT FIXTURE
  - ⊠ = EXHAUST FAN & LIGHT
  - ⊠ = SMOKE DETECTOR
  - △ = SHOWER HEAD
  - ◀ = TELEPHONE JACK
  - ⊕ = CONVENIENCE OUTLET
  - ⊕ = 220 VOLT OUTLET
  - ⊕ = GROUND FAULT INTERRUPTER
  - ⊗ = CEILING FAN
  - ⊗ = CARBON MONOXIDE ALARM

## GENERAL NOTES AND SPECIFICATIONS

### COPYRIGHT

THIS PLAN IS PROTECTED UNDER THE FEDERAL COPYRIGHT ACT. REPRODUCTION IN WHOLE OR IN PART, INCLUDING DIRECT COPYING AND/OR PREPARATION OF DERIVATIVE WORKS, FOR ANY REASON WITHOUT THE PRIOR WRITTEN CONSENT FROM STANDARD HOMES PLAN SERVICE, INC. IS STRICTLY PROHIBITED.

### ORIGINAL PURCHASE AGREEMENT

SEE ATTACHED CONSTRUCTION LICENSE FOR INVOICE NUMBER 12414.

### BUILDING CODE INFORMATION

THIS PLAN HAS BEEN DRAWN TO CONFORM TO THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION (2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, CURRENT EDITION) WITH AMENDMENTS UNLESS OTHERWISE NOTED. (SEE ATTACHMENTS)

### PRIOR TO CONSTRUCTION

THE CONTRACTOR SHALL REVIEW THE PLAN(S) FOR THIS PARTICULAR BUILDING PROJECT TO ENSURE COMPLIANCE WITH ALL NATIONAL, STATE AND LOCAL CODES, CLIMATIC GEOGRAPHIC DESIGN CRITERIA, AND ANY OTHER PROVISIONS THAT MAY BE REQUIRED BY VA/FHA/RD.

THE CONTRACTOR SHALL VERIFY PLAN DIMENSIONS, STRUCTURAL COMPONENTS, AND GENERAL SPECIFICATIONS CONTAINED IN THIS SET OF PLANS AND REPORT ANY DISCREPANCIES TO STANDARD HOMES PLAN SERVICE, INC. FOR JUSTIFICATION OR CORRECTION BEFORE PROCEEDING WITH WORK ON HOUSE.

THE CONTRACTOR SHALL DETERMINE ROUGH OPENING SIZES FOR ALL BUILT-IN EQUIPMENT AND/OR FACILITIES AND ADJUST PLAN DIMENSIONS AS REQUIRED.

DO NOT SCALE FROM BLUEPRINTS. REFER TO THE LABELED DIMENSIONS FOR ACTUAL MEASUREMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO PROVIDE FOR THE SERVICES OF A PROFESSIONAL ENGINEER IF REQUIRED BY THE BUILDING CODE OFFICIAL.

### SHIPPING DATE : \_\_\_\_\_

STAMP MUST APPEAR IN RED. PLANS FOR WHICH A BUILDING PERMIT HAS NOT BEEN OBTAINED ONE YEAR FROM THE ABOVE DATE IS SUBJECT TO REVIEW BY STANDARD HOMES PLAN SERVICE, INC. A FEE MAY BE CHARGED FOR THIS SERVICE.

### EXCAVATION

EXCAVATE TO UNDISTURBED SOIL. BOTTOM OF FOOTING SHALL EXTEND BELOW LOCAL FROST LINE AND TO A MINIMUM DEPTH OF 12" BELOW ADJACENT GRADE. (PRESUMED 2000 PSF SOIL BEARING CAPACITY).

EXPANSIVE, COMPRESSIVE OR SHIFTING SOILS SHALL BE REMOVED TO A DEPTH AND WIDTH SUFFICIENT TO ASSUME A STABLE MOISTURE CONTENT IN EACH ACTIVE ZONE.

### FOUNDATION

PROVIDE 1/2" DIA. STEEL ANCHOR BOLTS 6'-0" O.C., 1'-0" MAX. FROM CORNERS AND 1'-0" MAX. FROM ENDS OF EACH PLATE SECTION, WITH 7" MIN. EMBEDMENT.

PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.

SLOPE GRADE AWAY FROM FOUNDATION WALLS 6" MINIMUM WITHIN THE FIRST 10 FEET.

PROVIDE PRESSURE TREATED LUMBER FOR SILLS, PLATES, BANDS AND ANY LUMBER IN CONTACT WITH MASONRY.

PROVIDE APPROVED AND BONDED CHEMICAL SOIL TREATMENT AGAINST FUNGUS, TERMITES AND OTHER HARMFUL INSECTS.

### CRAWL SPACE

ALL GIRDER JOINTS AND ENDS OF GIRDERS SHALL REST ON SOLID BEARINGS. FILL CORES OF HOLLOW MASONRY TO FOOTING WITH CONCRETE. FILL TOP COURSE CORES OF EXTERIOR FOUNDATION WALL WITH CONCRETE.

FOOTINGS SHALL EXTEND 6" AND SHALL BE 12" THICK UNDER GIRDER PIERS.

CHIMNEY FOOTING SHALL EXTEND 12" MINIMUM BEYOND EACH SIDE AND SHALL BE AT LEAST 12" THICK.

### BASEMENT

ALL GIRDER JOINTS SHALL BREAK ON COLUMN CENTER LINES (STAGGERED) AND ENDS OF GIRDERS SHALL REST ON SOLID MASONRY.

DOUBLE SILL AND USE LEDGER OVER ALL BASEMENT OPENINGS.

ALL BASE. SASH SHALL BE 18/20 2-LT. 3'-3 7/8" X 1'-11 15/16" 3420 HB.

### FRAMING

ALL FLOOR JOISTS, CEILING JOISTS, RAFTERS, GIRDERS, HEADERS, SILLS AND BEAMS SHALL BE NO. 2 SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

ALL LOAD BEARING WALLS SHALL BE STUD GRADE SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

DESIGN SPECIFICATIONS FOR LAMINATED VENEER LUMBER (LVL)

BEAMS AND HEADERS : GRADE : 2950Fb-2.0E  
BENDING Fb : 2950  
MOE : 2.0 X 10<sup>6</sup>  
SHEAR Fv : 290

### SUPPORT FOR HEADERS:

HEADERS SHALL BE SUPPORTED ON EACH END WITH ONE OR MORE JACK STUDS OR WITH APPROVED FRAMING ANCHORS IN ACCORDANCE WITH BUILDING CODE (SEE PLAN). THE FULL-HEIGHT STUD ADJACENT TO EACH END OF THE HEADER SHALL BE END NAILED TO EACH END OF THE HEADER WITH FOUR-16D NAILS. SEE TABLE BELOW.

MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS:

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCHES)	
	16	24
3 FEET OR LESS	1	1
4 FT.	2	1
8 FT.	3	2
12 FT.	5	3
16 FT.	6	4

### CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA

ROOF LIVE LOAD (POUNDS PER SQUARE FOOT) : 20 PSF

ULTIMATE DESIGN WIND SPEED (MILES PER HOUR) : 120 MPH

NOMINAL DESIGN WIND SPEED : 93 MPH

EXPOSURE CATEGORY "B" UNLESS OTHERWISE NOTED

WINDOW DESIGN PRESSURE RATING : DP 25

COMPONENT AND CLADDING LOADS FOR A BUILDING WITH

A MEAN ROOF HEIGHT OF 30 FEET OR LESS:

PRESSURE ZONE	ULTIMATE DESIGN WIND SPEED (MPH)			
	115	120	130	140
ZONE 1	13.1, -14.0	14.2, -15.0	16.7, -18.0	19.4, -21.0
ZONE 2	13.1, -16.0	14.2, -18.0	16.7, -21.0	19.4, -24.0
ZONE 3	13.1, -16.0	14.2, -18.0	16.7, -21.0	19.4, -24.0
ZONE 4	14.3, -15.0	15.5, -16.0	18.2, -19.0	21.2, -22.0
ZONE 5	14.3, -19.0	15.5, -20.0	18.2, -24.0	21.2, -28.0

ASSUMED MEAN ROOF HEIGHT: 21'-2"

SEISMIC CONDITION BY ZONE : ZONES A AND B

SUBJECT TO DAMAGE FROM WEATHERING : MODERATE

CLIMATE ZONES (UNLESS OTHERWISE NOTED): ZONES 3 AND 4

MINIMUM VALUES FOR ENERGY COMPLIANCE:

CEILING P-38; EXTERIOR WALLS R-15; FLOORS R-19

WINDOW U-FACTOR ≤ 0.35; RECOMMENDED SHGC ≤ 0.30

### MISCELLANEOUS

LOCATE ALL CONVENIENCE OUTLETS ABOVE KITCHEN BASE CABINETS 42" ABOVE FINISHED FLOOR.

### EMERGENCY EGRESS REQUIREMENTS

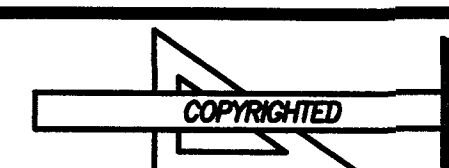
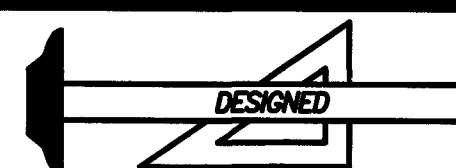
IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO VERIFY CONFORMITY WITH EGRESS REQUIREMENTS BASED ON SPECIFICATIONS PROVIDED BY WINDOW MANUFACTURER.

2018 NORTH CAROLINA RESIDENTIAL CODE

THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. THE NET CLEAR OPENING SHALL NOT BE LESS THAN 4.0 SQUARE FEET WHERE THE NET CLEAR OPENING HEIGHT SHALL BE AT LEAST 22 INCHES AND THE NET CLEAR OPENING WIDTH SHALL BE AT LEAST 20 INCHES. IN ADDITION THE MINIMUM TOTAL GLASS AREA SHALL NOT BE LESS THAN 5.0 SQUARE FEET IN THE CASE OF A GROUND STORY WINDOW AND NOT LESS THAN 5.7 SQUARE FEET IN THE CASE OF A SECOND STORY WINDOW.

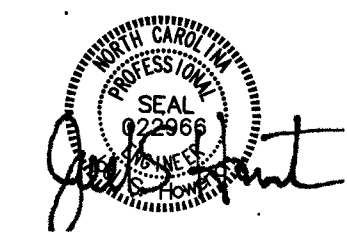
2015 INTERNATIONAL RESIDENTIAL CODE

THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET EXCEPT GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET OPENING OF 5 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES

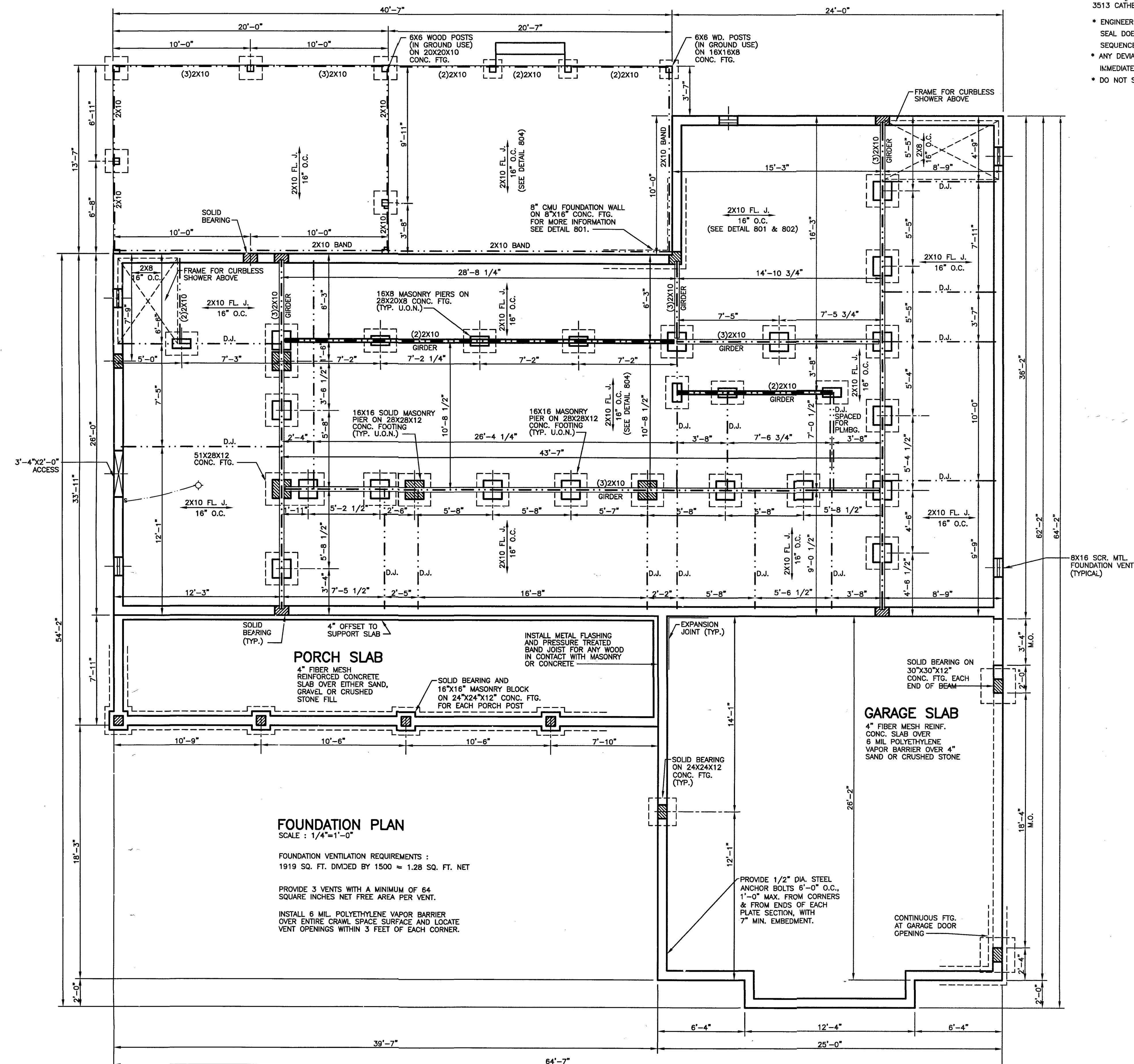


**STRUCTURAL EVALUATION BY:**

HOWERTON SERVICES, PLLC  
 LICENSE # P-1716  
 3513 CATHEDRAL BELL ROAD, RALEIGH, NC 27614



- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ON THIS DOCUMENT. SEAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS.
- ANY DEVIATIONS OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. FAILURE TO DO SO WILL VOID ENGINEER'S LIABILITY.
- DO NOT SCALE THESE DRAWINGS



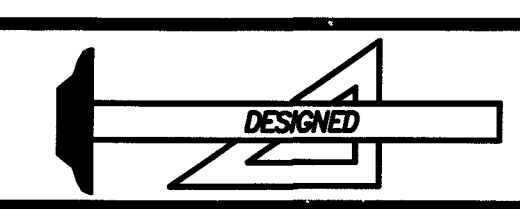
**FOUNDATION PLAN**

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

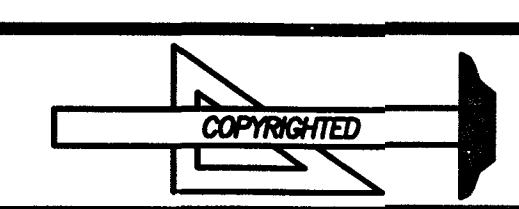
FOUNDATION VENTILATION REQUIREMENTS:  
 1919 SQ. FT. DIVIDED BY 1500 = 1.28 SQ. FT. NET

PROVIDE 3 VENTS WITH A MINIMUM OF 64 SQUARE INCHES NET FREE AREA PER VENT.

INSTALL 6 MIL. POLYETHYLENE VAPOR BARRIER OVER ENTIRE CRAWL SPACE SURFACE AND LOCATE VENT OPENINGS WITHIN 3 FEET OF EACH CORNER.



**Standard Homes Plan Service, Inc.**  
 7200 SUNSET LAKE ROAD FUQUAY-VARINA, NC 27526 (919)552-5677  
SEE HOME DESIGN PRESENTS ONLINE AT WWW.STANDARHHOMES.COM



DESIGNED FOR	PLAN	NO.	MAT'L.	SHOWN	SHEET
SCOTT & KYLEY CALDWELL	CUSTOM	2552	SIDING		2 OF 8