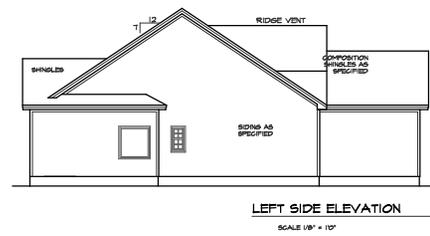
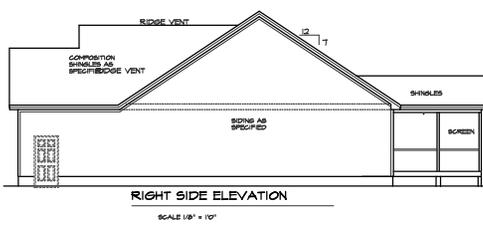


ATTIC VENTILATION
GROSS ATTIC AREA TO BE VENTILATED - 260750. FT.
2607500 x 0.01000 FT. NET FREE AREA
50% OF VENTING MUST BE 5 FEET ABOVE THE EAVE OR SOFFIT VENTS



FOUNDATION STRUCTURAL NOTES:

1) (B) 2 x 10 SFF #2 GIRDER, DROPPED TYPICAL UND.

2) CONCRETE BLOCK PIER SIZE SHALL BE:
SIZE HOLLOW MASONRY SOLID MASONRY
8 x 8 UP TO 32" HIGH UP TO 8'-0" HIGH
12 x 16 UP TO 48" HIGH UP TO 9'-0" HIGH
16 x 16 UP TO 64" HIGH UP TO 12'-0" HIGH
24 x 24 UP TO 96" HIGH UP TO 16'-0" HIGH
WITH 50% ± 50% ± OF CONCRETE FOOTING UND.

3) HALL FOOTING AS FOLLOWS:

DEPTH: 8" - UP TO 2-1/2 STORY
10" - 3 STORY

WIDTH: SIDING (OR ISSUAL)
- 16" - UP TO 2-1/2 STORY

BRICK VENEER
- 16" - 1 STORY
- 20" - 2 STORY
- 24" - 3 STORY

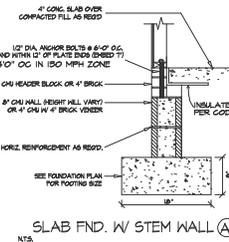
FOR FOUNDATION WALL HEIGHT AND BACKFILL
REQUIREMENTS REFER TO NORTH CAROLINA
RESIDENTIAL CODE TABLE R404.1 (1) THRU (4)

NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF.
CONTRACTOR MUST VERIFY SITE CONDITIONS
AND CONTACT SOILS ENGINEER IF MARGINAL OR
UNSTABLE SOILS ARE ENCOUNTERED.

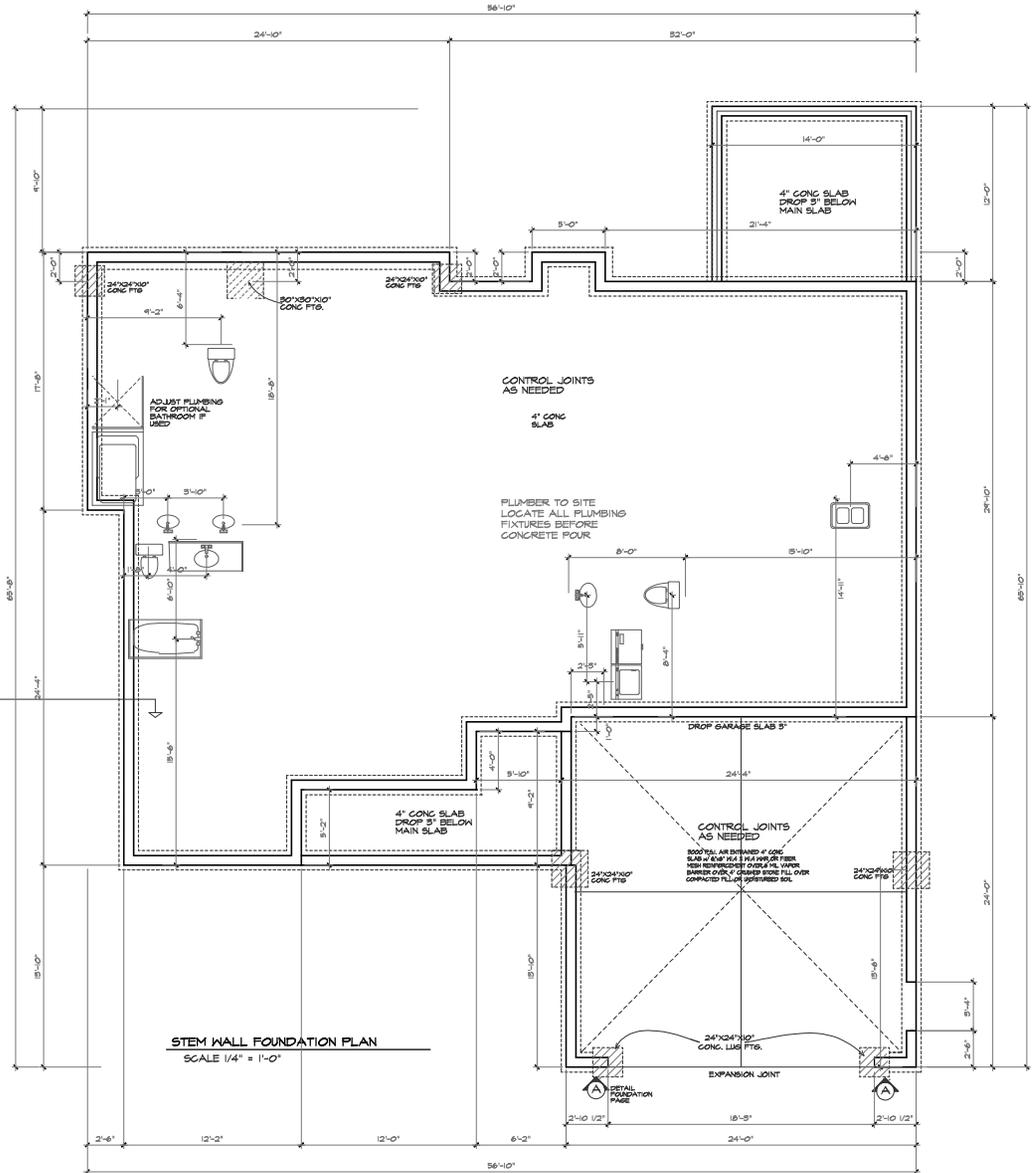
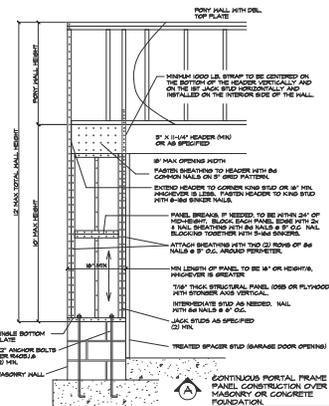
ATTACH SILL PLATE WITH 1/2" DIA. ANCHOR BOLTS
AT 6'-0" CENTERS (7' EMBEDMENT) AND 12" FROM
EACH PLATE END. SECTION R 405.1(A)
4'-0" BOLT SPACING IN 150 MPH WIND ZONE

4) "B" DESIGNATES A SIGNIFICANT POINT
LOAD TO HAVE SOLID BLOCKING TO
PIER, SOLID BLOCK, ALL BEAM BEARING
POINTS NOTED TO HAVE THREE OR
MORE STUDS TO FND, TYPICAL.

5) ABBREVIATIONS:
"S.J." = SINGLE JOIST
"D.J." = DOUBLE JOIST
"T.J." = TRIPLE JOIST



SLAB FND. W/ STEM WALL (A)
NTS



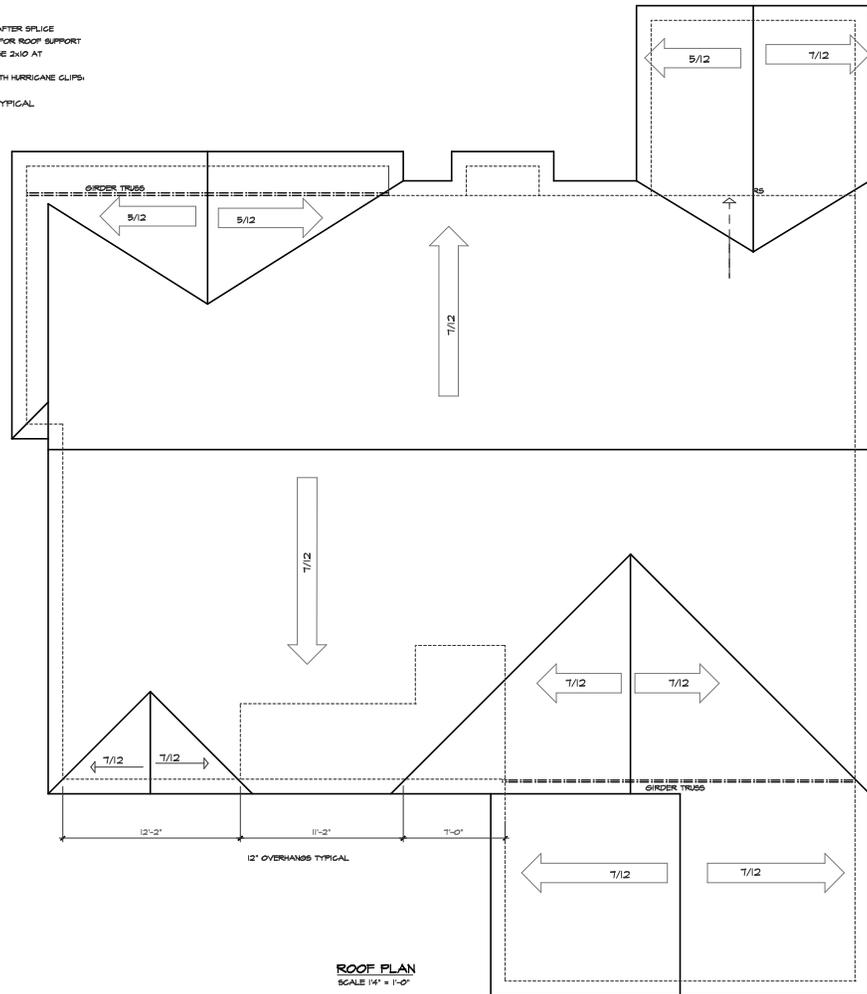
STEM WALL FOUNDATION PLAN
SCALE 1/4" = 1'-0"

ROOF FRAMING NOTES:

- (1) (15-20) MPH WIND ZONE
 ① ALL RAFTERS TO BE 2x6 @ 16" O.C. WITH
 2 X 12 RIDGE LMG.
 ② (2)2x10 OR (1) 175" X 11 7/8" LVL HP. (2)2x10 HPS MAY BE
 SPLICED WITH A MINIMUM 6'-0" OVERLAP AT CENTER.
 ③ (2)2x10 OR (1) 175" X 11 7/8" LVL VALLEY. DO NOT SPLICE VALLEYS
 ④ 14-75X11 7/8" LVL VALLEY
 ⑤ FALSE FRAME VALLEY ON 2x10 FLAT PLATE
 ⑥ 2"x6" RAFTERS @ 16" O.C. HV 2x6 RIDGE
 ⑦ 2"x6" RAFTERS @ 16" O.C. HV 2x12 RIDGE
 - "SR" = SINGLE RAFTER
 - "DR" = DOUBLE RAFTER
 - "TR" = TRIPLE RAFTER
 - "RS" = ROOF SUPPORT FOR RAFTER SPLICE
 - "SP" = 2" STUD OR 4x4 POST FOR ROOF SUPPORT
 - FIR DOWN 2x6 RAFTERS OR USE 2x10 AT
 CATHEDRAL CEILINGS
 - ATTACH VAULTED RAFTERS WITH HURRICANE CLIPS;
 SIMPSON "HS" OR ESEVALVEY
 2"x6" COLLAR TIES @ 52" TYPICAL

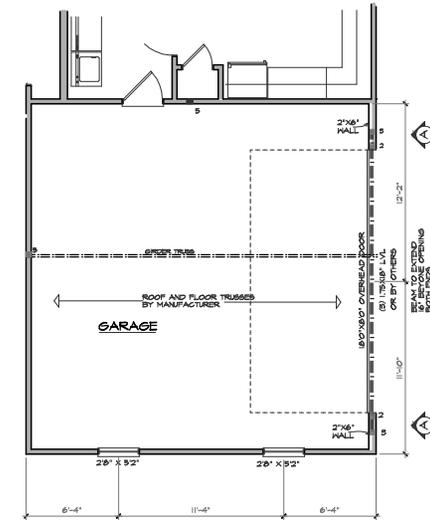
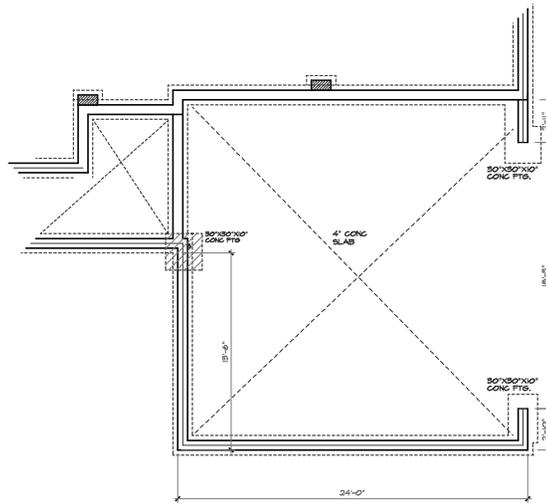
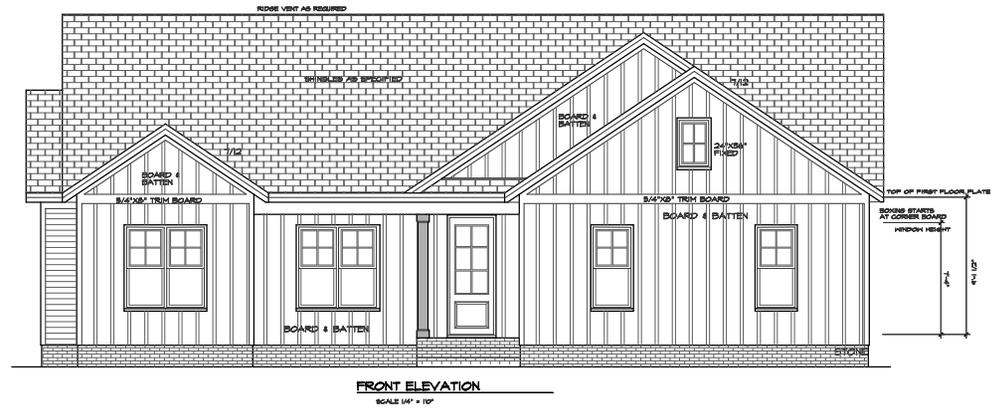
TRUSS SYSTEM REQUIREMENTS

- 15 (200 NAD); 15x6 (20 MPH)
 1. TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE
 DESIGNED IN ACCORDANCE WITH APPLICABLE STRUCTURAL
 CODES. ALL TRUSS SYSTEMS SHALL BE
 COORDINATED WITH ENGINEER OF RECORD.
 2. TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND
 SEALED BY TRUSS MANUFACTURER.
 3. ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON 9/16"
 OR 1/2" PLATES OR LAGBOLTS (AS).
 4. ALL REQUIRED ANCHORS FOR TRUSSES DUE TO SPLIT OR
 BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON
 THE TRUSS SCHEMATICAL.
 5. INSTALL A TRUSS BELOW PARALLEL NON-LOAD BEARING
 WALLS OR BLOCK BETWEEN TRUSSES BY TRUSS SUPPLIER
 UNDER WALLS.



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





FOUNDATION SIDE LOAD OPTION
SCALE 1/4" = 1'-0"

SIDE LOAD OPTION
SCALE 1/4" = 1'-0"

