

FOUNDATION STRUCTURAL NOTES:

- ① (3) 2 x 10 SPF #2 GIRDER DROPPED, TYPICAL UNO.
- ② CONCRETE BLOCK PIER SIZE SHALL BE:

SIZE	HOLLOW MASONRY	SOLID MASONRY
8 x 16	UP TO 32" HIGH	UP TO 5'-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	

 WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.

③ WALL FOOTING AS FOLLOWS:

- DEPTH: 8" - UP TO 2-1/2 STORY
10" - 3 STORY
- WIDTH: SIDING (OR EQUAL)
- 16" - UP TO 2-1/2 STORY
- 18" - 3 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 (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.

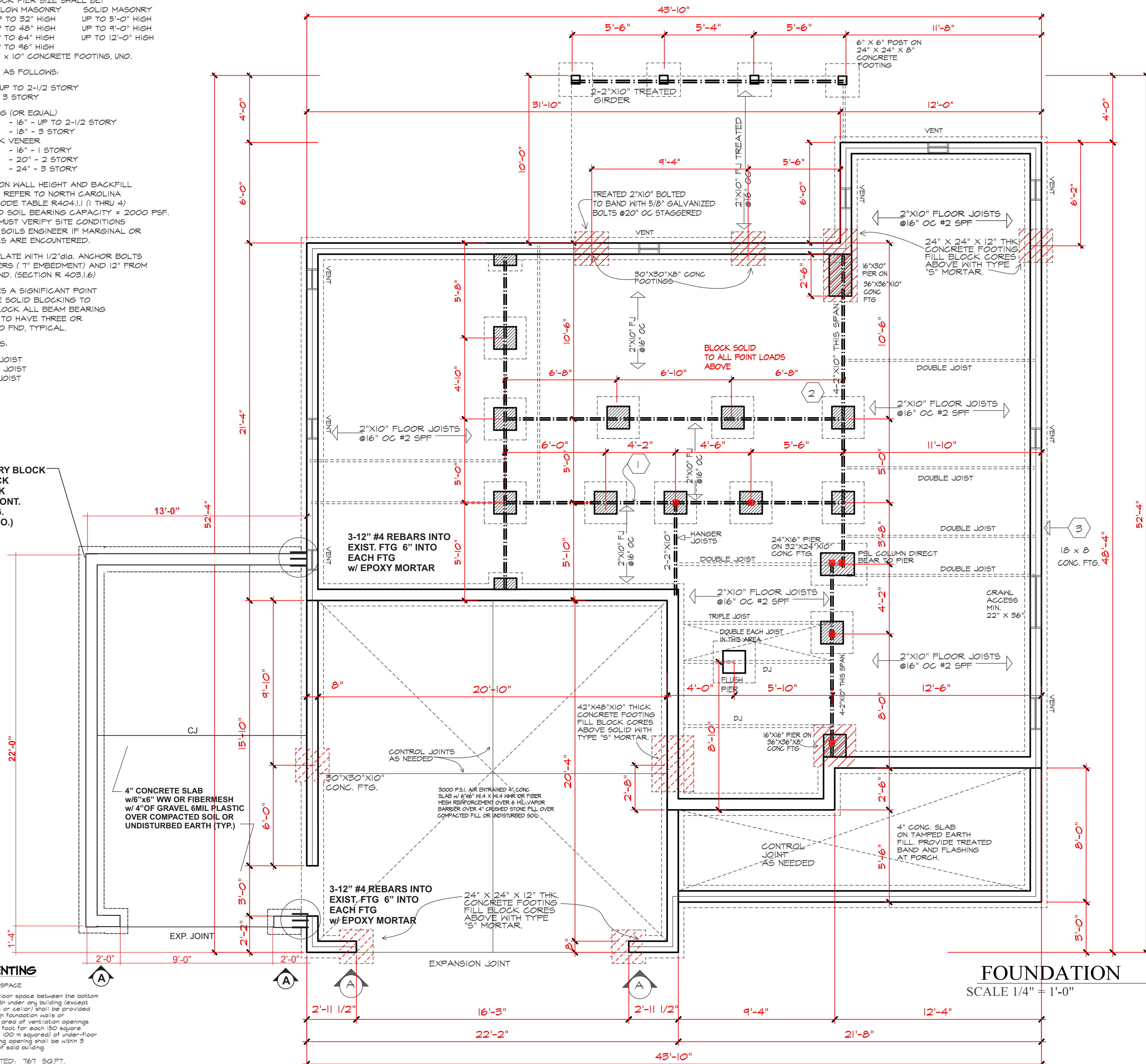
ATTACH SILL PLATE WITH 1/2" dia. ANCHOR BOLTS AT 6'-0" CENTERS (7" EMBEDMENT) AND 12" FROM EACH PLATE END. (SECTION R 403.1.6)

- 4 "■" 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

8" MASONRY BLOCK OR 4" BRICK & 4" BLOCK w/18"x8" CONT. CONC. FTG. (TYP.) (U.N.O.)



FOUNDATION VENTING

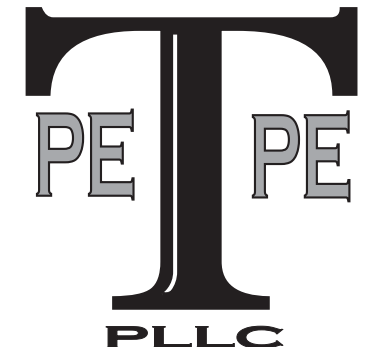
SECTION R408 UNDER FLOOR SPACE
 R408.1 Ventilation. The under-floor space between the bottom of the floor joists and the earth under any building (except space occupied by a basement or cellar) shall be provided with ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings shall not be less than 1 square foot for each 150 square feet (0.67 m squared) for each 100 m squared) of under-floor space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of said building.

CRAWL AREA TO BE VENTED: 767 SQ.FT.
 767/1500 = 511 NET FREE VENTING AREA REQUIRED

R408.2 Ground Vapor Retarder
 A minimum 6 mil. polyethylene vapor retarder shall be installed to cover all earth in the crawl space with joints lapped not less than 12"

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

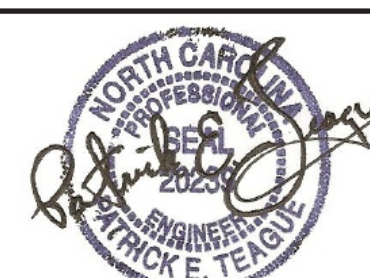
VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION!



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SHEET NUMBER

S1
 PROJECT #PO23535AB