



PIER KEY

CMU PIER SIZED BELOW ON 32x32x10 CONC. FTG.

FLUSH PIER UNDER POINT LOAD: 16x16 SOLID PIER ON 32"x32"x10" FTG. JOIST BLOCK THRU JOIST DEPTH (TYP.)

CONCRETE PIER SIZES:

SIZE HOLLOW MASONRY: SOLID MASONRY
 12x16 UP TO 48" HIGH UP TO 9'-0" HIGH
 16x16 UP TO 64" HIGH UP TO 12'-0" HIGH
 *TOP 8" SOLID

HEADER SCHEDULE

- (A) (2) 2x10 FLUSH
- (B) (2) 2x8 DROPPED
- (C) (2) 2x8 FLUSH
- (D) (2) 2x8 DROPPED
- (E) (2) 9 1/4" LVL FLUSH
- (F) (2) 9 1/4" LVL DROPPED
- (G) (3) 2x10 DROPPED
- (H) 11 7/8" LVL FLUSH
- (J) (2) 11 7/8" LVL FLUSH
- (K) (2) 18" LVL FLUSH
- (L) (4) 11 7/8" LVL FLUSH
- (M) (2) 16" LVL FLUSH
- (N) (3) 16" LVL FLUSH
- (P) (3) 9 1/4" LVL DROPPED
- (Q) 3 1/2"x4" 1/2" PSL DROPPED

footings 297 LF

32x32x10 15 EA

54x32x10 1 EA

36x24x10 1 EA

24x24x10 2 EA

pilaster pads 5 EA

step pad 17 SF

18x18x10 4 EA

GENERAL CONSTRUCTION NOTES

1. FROM PORCHES, DECKS, STAIRS, ETC. IS TO BE

2. FOUNDATION VENTS PER N.C. BUILDING CODES VENT

Notes:
 Builder must adjust ventilation calculations if using vents with a net area that is different than 0.47 sqft per vent.

STRUCTURAL NOTES REV: 07/10/09

A. GENERAL NOTES

1. Contractor agrees to be responsible for locating and depth of utilities. Homeowner Acknowledges and agrees that he/she understands that the contractor is not responsible for locating and depth of utilities. The contractor shall be responsible for locating and depth of utilities.
2. Only solid footing will be used for all foundations.
3. All foundations shall be finished to a minimum of 18" below ground level.
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B. FOOTING AND FOUNDATION REV: 07/10/09

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C. FOUNDATION VENTS REV: 07/10/09

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**CRAWL FOUNDATION/
FIRST FLOOR FRAMING**

22x34 PRINTS SCALE: 1/4"=1'-0"
 11x17 PRINTS SCALE: 1/8"=1'-0"

STRUCTURAL DESIGN BY
 MARC WILLIAMS, RA

DATE SEALED: _____

INVALID IF UNSEALED
 NORTH CAROLINA LICENSE # 1876
 VALID ONLY IF SIGNED IN BLUE