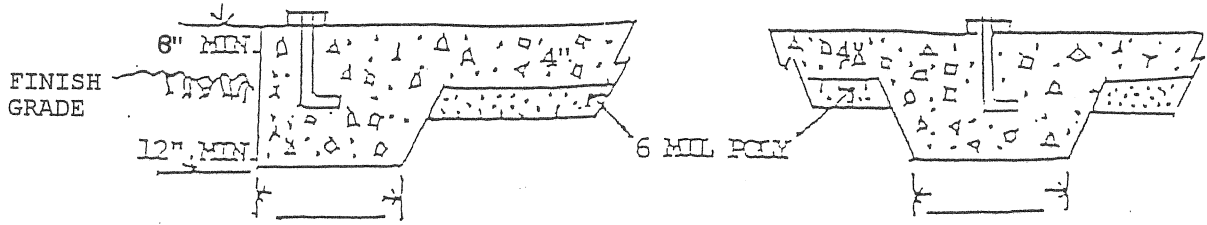


Section B. MONOLITHIC SLAB

1/2" ANCHOR BOLTS 7" IN CONCRETE AND MASONRY AT 6' O.C. AND WITHIN 12" OF PLATE END



Ref. Fig. R403.1 (1), NC Residential Code - Monolithic Slabs

Section C. PIER AND FOOTING SIZES FOR SUPPORT OF GIRDERS FOR THE FOLLOWING:

|                          |                          |               |            |    |
|--------------------------|--------------------------|---------------|------------|----|
| YES                      | NO                       | FLOOR JOIST   | SPAN _____ | FT |
| <input type="checkbox"/> | <input type="checkbox"/> | FLOOR TRUSSES | SPAN _____ | FT |

Tributary area is the load carried by each pier or post.

Fill in these blanks using your plans

1/2 width of main house area \_\_\_\_\_

multiply by

distance between piers or posts \_\_\_\_\_

equals

Sq. Ft. of Tributary Area \_\_\_\_\_

TABLE NO. R403.1A  
PIER AND FOOTING SIZES FOR SUPPORT OF GIRDERS  
 Underline the pier and footings you propose to use

| 1 (One) Story     |                     |                 | 2 (Two) Story       |                   | 2-1/2 (Two & One Half) Story |                    |
|-------------------|---------------------|-----------------|---------------------|-------------------|------------------------------|--------------------|
| Area <sup>5</sup> | Pier <sup>3,4</sup> | Footing         | Pier <sup>3,4</sup> | Footing           | Pier <sup>3,4</sup>          | Footing            |
| 50                | 8"x16"              | 1'-4"x2'-0" x8" | 8"x16"              | 1'-4"x2'-6"x8"    | 8"x16"                       | 1'-4"x2'x6"x8"     |
| 100               | 8"x16"              | 1'-4"x2'-0"x8"  | 8"x16"              | 2'-0"x2'-0"x10"   | 16"x16"                      | 2'x6"x2'-6"x10"    |
| 150               | 8"x16"              | 2'-0"x2'-0"x8"  | 16"x16"             | 2'-8"x2'-8"x10"   | 16"x16"                      | 3'x0"x3'x0"x10"    |
| 200               | 8"x16"              | 2'-4"x2'-4"x10" | 16"x16"             | 3'-0"x3'-0"x10"   | 16"x16"                      | 3'-11"x3"-8"x1'-0" |
| 250               | --                  | --              | 16"x16"             | 3'-4"x3'-4"x1'-0" | 16"x24"                      | 4'-0"x4'-0"x1'-0"  |
| 300               | --                  | --              | 16"x16"             | 3'-8"x3'-8"x1'-0" | 16"x24"                      | 4'-6"x4'-6"x1'-0"  |

Subject to footnotes in residential code (1-5).

Applicant Signature \_\_\_\_\_ Date \_\_\_\_\_