Burleson
TEXAS

141 West Renfro
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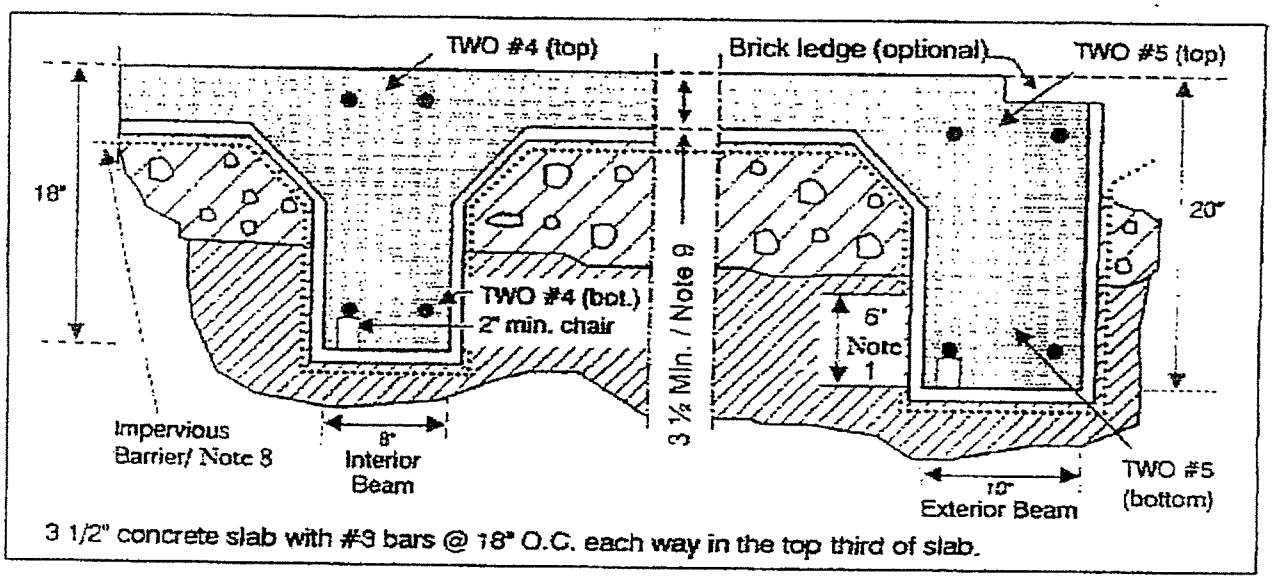
The following are minimum foundation requirements unless otherwise designed and sealed by an engineer:



3 1/2" concrete slab with #3 bars @ 18" O.C. each way in the top third of slab.

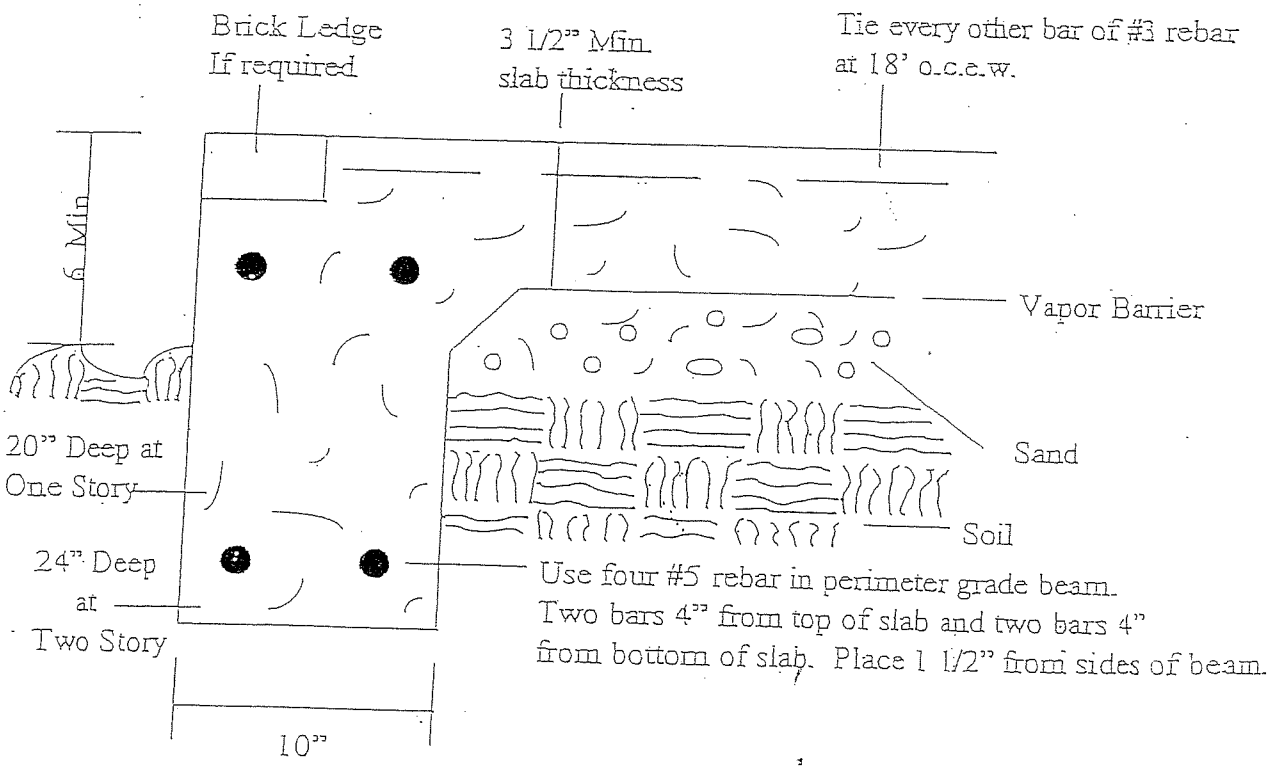
General Notes to the illustrations:

1. Bottom of all beams shall extend a minimum of 6 inches into undisturbed soil.
2. All concrete shall have a 28-day compressive strength of 3,000 psi.
3. Maximum center-to-center dimension for beams is 16 feet. No dead end beams are permitted.
4. All reinforcing steel shall have a minimum concrete cover of not less than 1 ½ inches.
5. Beam reinforcing steel shall be tied and supported every four feet.
6. All splices in reinforcing steel shall be lapped a minimum of 40 bar diameters.
7. All reinforcing steel in the slab and beams shall be adequately supported by chairs or other approved means.
8. Vapor barrier (.006 poly) is optional.
9. Slab must be a minimum of 3 ½ inches thick. Steel reinforcing matt shall consist of #3 bars @ 18 inches on-center each-way. The matt shall extend to within 2 inches of the exterior form board.

FOUNDATION PLAN: Type "B" Slab

1. All stumps and roots shall be removed from the soil to a depth of at least 12 inches below the surface of the ground in the area occupied by the structure.

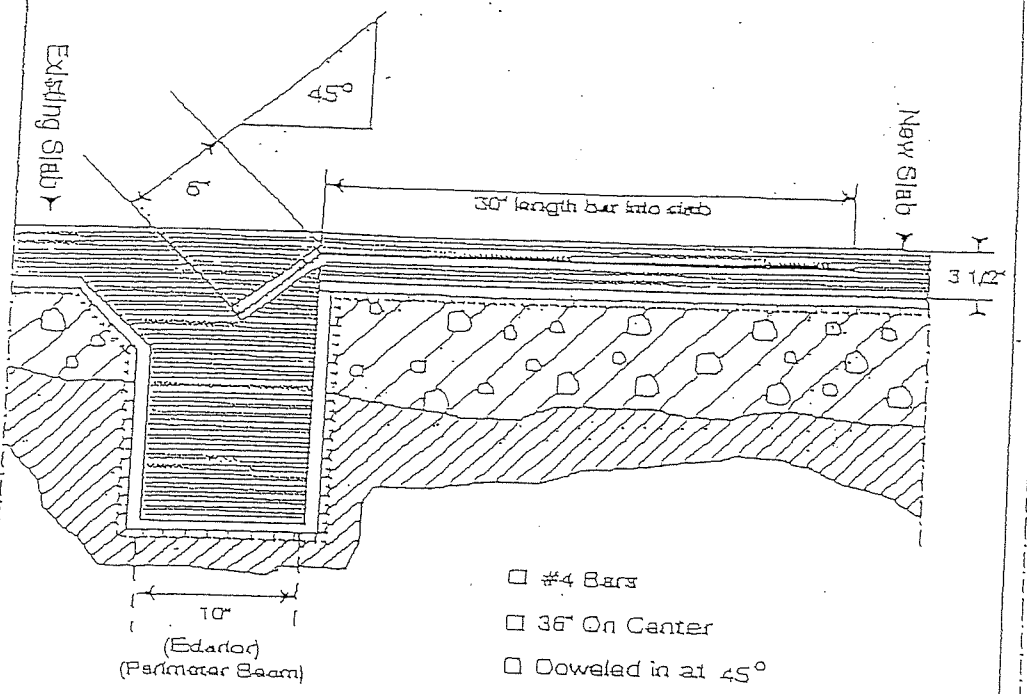
2. Bottom of beam (foundation perimeter footing) shall be a minimum depth of 6 inches below grade.



DRAW FOUNDATION PLAN HERE:

Tie-In to Existing Foundation Details - Type "B" Slab

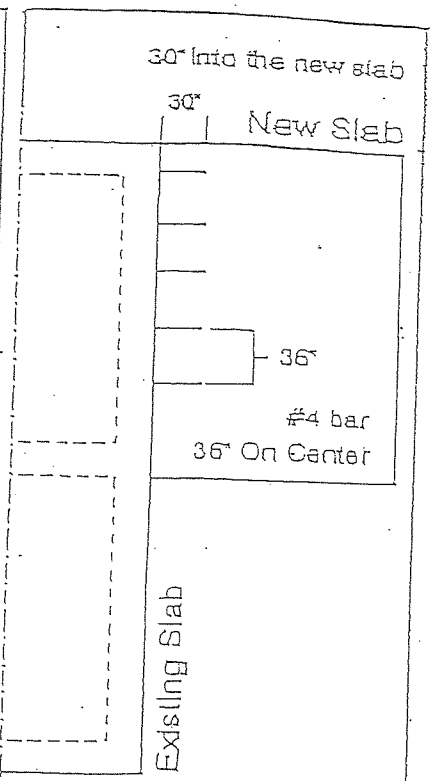
This procedure IS NOT for use with post tension slabs



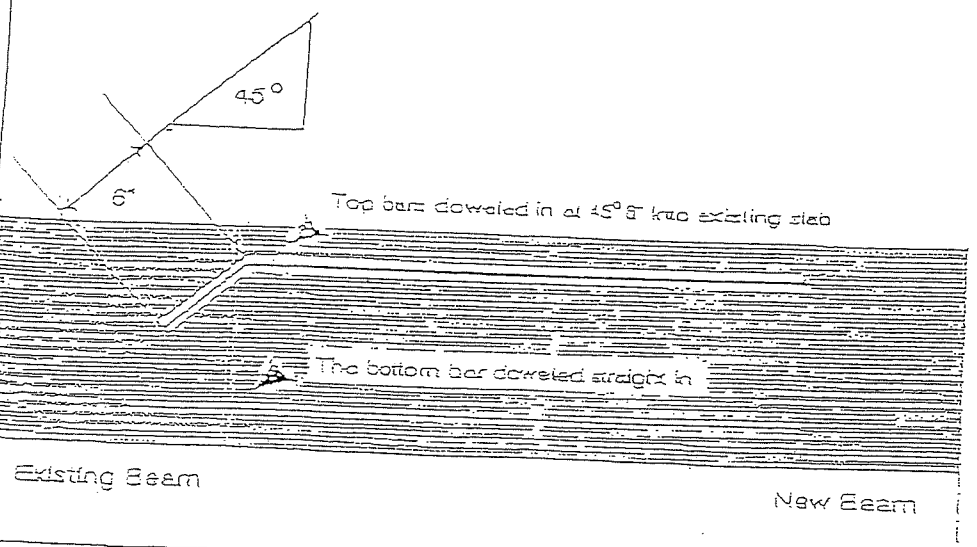
- ☐ #4 Bars
- ☐ 36" On Center
- ☐ Doweled in at 45°
- ☐ 36" long bar set 6" deep into existing slab @ 45° angle

OR

- ☐ #3 floor steel doweled 6" into existing slab 18" On Center across the entire slab



Exterior and interior beam steel must also be doweled into existing slab 6".



Important Notice

You must call for an inspection BEFORE Pouring your Concrete.

Call

City of Burleson
141 W. Renfro St.
Burleson, Texas 76028
(817) 295-1113