CONVENTIONAL FOOTINGS & SLAB SYSTEM
TYPICAL SECTION FOR EXPANSIVE SOIL E.I.=91–130

5/8" x 10" anchor bolts
typ. @ 72" o.c.; 12" from
corners, intersections,
openings & splices

Pressure treated mud sill
#3 bars @ 24" o.c. (minimum 36"
#3 bars @ 24" o.c. ea. way in center of slab

2" min. slab
2" min. sand over 6 mil.
vapor barrier
4" gravel or clean sand

27" below natural
grade. (top of slab
to bottom of footing
shall total a minimum of 37")

NOTE:
1. Soil 33" beneath bottom of footings
and slab sub-base to be saturated,
prior to City inspection.
2. Sand over the vapor barrier should
be moist just prior to placing concrete.
3. Reinforcing steel should be supported
2" above the sand on concrete blocks
spaced @ 48" o.c.
4. Use 3" x 3" x 0.229" plate washers with
anchor bolts. The hole in the plate washer
is permitted to be diagonally slotted with
a width of up to 3/16" larger than the bolt
diameter and a slot length not to exceed
1/4", provided a standard cut washer is
placed between the plate washer and the
nut.

ATTACHMENT BETWEEN EXISTING & NEW FOOTINGS/SLAB

#3 bars @ 24" o.c. ea. way in center of slab

4" min. slab
2" min. sand over 6 mil.
vapor barrier
4" gravel or clean sand

#3 bars @ 24" o.c.
Dry Pack with
expansive concrete

Thicken slab along existing

CITY OF THOUSAND OAKS
COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION

CONVENTIONAL SLAB & FOOTINGS
ATTACHED TO EXISTING
CONVENTIONAL SLAB

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