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

2x4 studs @ 16" o.c.

Pressure treated mud sill

#3 bars @ 24" o.c. 12" 36"

#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

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 1/8" larger than the bolt diameter and a slot length not to exceed 1N", provided a standard cut washer is placed between the plate washer and the nut.

ATTACHMENT BETWEEN EXISTING POST TENSION SLAB & NEW FOOTINGS/SLAB

existing Post Tension Slab

#3 bars @ 24" o.c. 12" 36"

#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

#4 bars top & bottom

6" 6"

IMPORTANT NOTICE
Do not drill into or cut into existing post-tensioned slab without first receiving approval from the City of Thousand Oaks – Building Division

CITY OF THOUSAND OAKS
COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION

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CONVENTIONAL SLAB & FOOTINGS ATTACHED TO EXISTING POST TENSION SLAB

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