Slabs-on-Ground with Turned-Down Footings

- Nut and 1/4" x 3" x 3" Washer
- DO NOT COUNTERSINK NUT & WASHER
- Pressure treated plate or decay resistant heartwood of redwood, black locust or cedars. See notes below.
- 3 1/2" concrete slab
- 1/2" x 10" anchor bolt at 60" o.c.
- 2 bolts minimum per plate section located not more than 12" or less than 7 bolt diameters from the ends.
- Extend 7" into concrete.
- Slabs-on-ground with turned down footings shall have a minimum of one (1) #4 at the top and bottom of the footing.
- EXCEPTION: For slabs-on-ground cast monolithically with a footing, one (1) #5 bar or two (2) #4 bars shall be located in the middle 1/3 of the footing depth. (R403.1.3.2)

Protection Against Decay (IRC R319.1)

Approved pressure treated material or decay-resistant heartwood of redwood, black locust, or cedars are required where:

1. Wood framing members rest on concrete or masonry at exterior foundation walls and are less than 8" from the exposed ground.
2. Sills and sleepers are located on a concrete or masonry slab that is in direct contact with the ground unless separated from such slab by an impervious moisture barrier.

R-10 slab insulation shall be installed to create a thermal break between heated and unheated spaces. The insulation shall extend downward from the top of the slab to the bottom of the footing.