



City of Vacaville  
Community Development  
Building Division

## Residential Foundation Checklist

**This is to be used as a general checklist; it is not inclusive of all code requirements and inspection criteria.**  
**Per 2016 California Residential Code (CRC)  
and American Concrete Institute (ACI) 318**

- Approved plans and inspection record to be on job site/ any and all modifications shall be approved by the city prior to inspection. CRC 106.3.1
- Protection devices in place (barricades, fences, guardrails, pedestrian protection, etc.). Proper sanitary facilities on site per CalOSHA
- Excavation to be per approved plan, greater than 5 feet deep requires CalOSHA approval / permit.
- Temporary power pole approved.
- Check for altered rough grade around perimeter of structure.
- Verify property line setbacks prior to inspection (surveyor's hubs or written verification). Check all setbacks for compliance with approved plans.
- Soils inspector's (site) approval and Structural engineer reports (when required).
- Check anchor bolts size, length and embedment per approved plans, seismic hardware per plan and manufacturer.
- Depth and width of footing and pads per approved plan.
- Verify proper lap splices and clearances for steel reinforcement.
- Reinforcement clean of mud, oil or other substances harmful to reinforcement bond. Reinforcement accurately placed and secured against displacement.
- Deputy inspector's report for reinforcement (if required by engineer). Excavations clean of all loose debris and lunch trash.
- Pipe penetrations properly sleeved, spacing of conduits and pipes, engineer's approval if any reinforcement displaced from plan position by conduits/pipes.
- Required under floor access is provided, minimum 18"x24". CRC 408.4
- Verify moisture barrier under slab. Check approved plans for type and size. Verify thickness of sand cover over vapor barrier per approved plans and specs.
- Verify slab thickness (Note: post-tension slabs typically greater than 4" nominal) Drilled caissons and piles:
  1. Caissons into proper strata and match depths shown on approved plans.
  2. Soil engineer report verifying depth of excavations.
  3. Reinforce steel size and grade as per plan.
- Required erosion controls in place (NPDES).
- Formwork complete, mortar tight and fully braced (kicked off).