# Typical Inspections for Residential Construction

The following is a list of the typical inspections for residential construction including new construction, additions and remodel projects. The typical inspections assume conventional construction techniques. Not every inspection is required for every type of project. The table below will determine which inspections are needed based on the type of project. Other inspections may be required as determined by the Building Official or as specific and/or unique construction techniques.

1. **Temporary Pole Inspection:** after the pole is installed, before the electricity is released.
2. **Plumbing Rough In:** after the plumbing under the slab or under the floor is installed in the ground & before the plumbing is covered/backfilled.
3. **Plumbing Outside Relay Water/Sewer/Gas:** after the plumbing yard lines(water, sewer and/or gas) are installed in the ground & before the installation is covered/backfilled.
4. **Pre-Pour Foundation/Grade Beam:** after all steel/cable reinforcement is in place, all forms in place but before any concreted is placed.
5. **Masonry Fire Box:** after the fire box is constructed and damper is in place.
6. **Fire Rated Construction:** See Tech Bulletin entitled "*Townhouse Firewalls - Plan Review and Inspections*"
7. **Residential Building Seconds:** (Framing, rough electric, plumbing top-out, gas lines, a/c rough-in, energy items {glazing SHGC and *U*-factor, insulation, flex duct sealing & insulation, envelope sealing, etc)
8. **Insulation:** generally after insulation is installed in wall cavities and under floors for pier & beam foundations, may also include some ceilings where batt insulation is installed (roof/ceilings)
9. **Pre-Pour Drive Approach:** after forms are set, reinforcement & expansion material is in place but before any concreted is placed
10. **Pre-Pour Sidewalk:** after forms are set, reinforcement & expansion material is in place but before any concreted is placed
11. **Building Final:** after all plumbing and electrical fixtures are set, HVAC equipment is set, yard is final graded, attic is insulated and project is generally "ready for occupancy."

| Inspection | New construction 1&2 family | New construction Townhouse | Addition | Remodel |
|---|---|---|---|---|
| Temporary Pole Inspection | O | O | O | O |
| Plumbing Rough-In | R | R | O | O |
| Plumbing Outside Relay Water/Sewer/Gas | R | R | O | O |
| Pre-Pour Foundation/Grade Beam | R | R | R | O |
| Masonry Fire Box | O | O | O | O |
| Fire Rated Construction | N | R | O | O |
| Residential Building Seconds | R | R | O | O |
| Insulation | R | R | R | O |
| Pre-Pour Drive Approach | R | R | O | N |
| Pre-Pour Sidewalk | R | R | O | N |
| Building Final | R | R | R | R |

R = Required Inspection
O = Only if project scope requires
N = Not required

March 10, 2009