

OFTEN OVERLOOKED RESIDENTIAL CODE SECTIONS
Inspector will be checking on

Footing inspection

- E3908.1 Provide grounding to footer re-bar
R403 Sill plate bolts must be within 12" from ends, not just corners. Minimum 2 bolts required per sill plate.

Foundation/backfill inspection

- R403 Sill plate bolts must be within 12" from ends, not just corners. Minimum 2 bolts required per sill plate.
R405.3 foundation drains must have 6" of gravel above footing with a filter membrane material (no straw)

Rough Inspection

- R311.5 Stairs and landings cannot only be toe-nailed onto framing.
R302.11 Fire blocking and fire caulk required in any holes or openings between wall and floor/ceiling.
R301.1 Metal connectors required for decks: piers to posts and posts to girder.
E4002.8 The interior of raceways installed underground or outside are considered wet locations. No NM (romex) allowed.
E 3705.4.4 Can not have more than 3 romex cables together through foam fire caulk.
E3908.10 grounds must be mechanically connected.
E3701.5 A three wire circuit must be on a double breaker. These must be grouped in panelboard with wire ties unless obvious.
E3609.3 Provide intersystem bonding termination for elec. Service

Final Inspection

- R315 CO alarms required outside of bedroom areas when there is an attached garage or gas, oil, or solid fuel heat.
R319.1 House number required. Must be minimum 4" high and have minimum 1/2" stroke width
R311.7.7.2 Handrails requires returns.
R613.2 Windows that open under 24" from floor must have guards.
P3201.5 No "S" traps allowed.
N1101.8 Insulation certificate must be in elec. Panel
N1102.2 Requires insulated and weather striped access hatches.
N1103.2.1 Ducts that are out of conditioned space must have R8 insulation (attics and basements).
N1103.8 50% of light bulbs must be low energy.
E3404.12 All breakers must be marked.
E3901.2.2 A switched receptacle does not replace a required receptacle for wall space.
E4002.8 Outdoor receptacles must be weather-resistant type.
E4002.14 All 15 & 20 amp Receptacles must be tamper resistant. No exceptions.
E3902.2 All receptacles in garages and unfinished basements must be GFI. No exceptions except for fire or security alarm systems.
E3902.11 All branch circuits must be arc-fault protected except circuits with required GFI's.
E3901.7 Receptacle required on all balconies, decks, or porches larger than 20 sq. ft. This does not exempt required receptacles accessible from grade in front and rear of house.
4101.5 All appliances over 300 watts or 1/8 h.p. must have a disconnect in sight or a locking breaker.