



Basement Finish Electrical General Notes

2014 NEC, 2015 IECC** and as
amended by The Town of
Parker

- ** A minimum of 75% of the lamps installed in permanently installed light fixtures need to be high efficacy lamps. (i.e.; compact florescent lamps, T-8 or smaller diameter florescent lamps)
1. Outlets must be installed at any wall space 24 inches or greater, within 6 feet of all wall breaks, and 12 feet thereafter.
 2. All basement outlet openings must be protected by a listed combination type Arc-Fault Circuit Interrupter (breaker), except bathrooms and unfinished areas. This includes lights and smoke detectors.
 3. Listed tamper resistant receptacles are required for all 125-volt, 15 and 20 amp receptacles in all areas; except where located 5 ½ 'above floor.
 4. The bathroom will need to include at least one 20 amp circuit to feed bathroom only.
 5. The furnace room must have a GFCI protected outlet within 25 feet and a light at the equipment.
 6. All 125-volt outlets in unfinished storage areas must be GFCI protected. A minimum of 1 is required to be installed.
 7. All low voltage wiring must be installed prior to rough inspection. All low volt installed in walls must be listed for in wall use. (Speaker wires, HDMI cables, phone, cable, security, etc.)
 8. All 125-volt, single phase, 15 and 20-ampere receptacles installed for dishwashers, within laundry areas, and within 6' of utility and bar sinks must be GFCI protected
 9. Nonmetallic-Sheathed Cable (Romex) must be supported every 4 foot 6 inches, within 12 inches of boxes with cable clamps, and within 8 inches of boxes without cable clamps.
 10. The number of outlets on a branch circuit shall not exceed 10 outlets on a 15 amp circuit and 13 outlets on a 20 amp circuit.
 11. All multi-wire branch circuits (i.e. 14-3, 12-3) need to simultaneously disconnect at the panelboard breaker(s).
 12. All conductors or cables installed in raceways on the exterior of the house are required to be rated for wet locations. (i.e.; THWN, XHHW)
 13. Lighting control boxes controlled at a single location shall contain the grounded (neutral) conductor.
 14. Sufficient access and working space shall be provided and maintained at all panels to permit ready access, operation, and maintenance of such equipment. The minimum clearances are 30"W x 36" x 6'6"H directly in front of panel.