

Final Electric

- **Verify GFCI & AFCI protection where needed -**
 - **GFCI protection:**
 - Service receptacle within 25' of HVAC equipment (interior & exterior) 210.8(E), 210.63
 - GFCI for crawl space lighting outlets 210.8(C)
 - GFCI for cables in electrically heated floors in bathroom, kitchens, and in hydromassage bathtub locations 424.44(E)
 - GFCI for fountains: Submersible lights, pumps, and other submersible equipment (unless not required for low-voltage); sign within fountain; receptacles within 20' of fountain edge 680.51
 - **GFCI protection for all 125-volt through 250-volt receptacles in the following locations 210.8(A):**
 - Bathrooms
 - Garages and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use
 - Outdoors
 - Crawl spaces — at or below grade level
 - Basements
 - Kitchens — where the receptacles are installed to serve the countertop surfaces
 - Sinks — where receptacles are installed within 6 ft from the top inside edge of the bowl of the sink
 - Boathouses
 - Bathtubs or shower stalls — where receptacles are installed within 6 ft of the outside edge of the bathtub or shower stall
 - Laundry areas
 - Indoor damp and wet locations
 - **GFCI protection for the following appliances 210.8(A):**
 - Sump pumps
 - Dishwashers

*GFCI receptacles must be “Readily Accessible”

- **AFCI 210.12:**
 - All 120V 15- and 20-amp circuits require AFCI protection except kitchen, laundry area, bathroom, garage, attic, unfinished basement, and exterior (fire alarm system is excluded)
*This includes existing circuits that are modified (outlets or devices added) or extended more than 6' 210.12(D)
- Verify clear working space for panels and HVAC disconnects 110.26, 440.14
- All breakers must be clearly labeled 408.4(A)

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- Seal around exterior luminaires 410.10
 - Intersystem bonding terminal needed 250.94
 - Lock-out device (padlock attachment) needed on breaker(s) for permanently connected appliances (if breaker is not within sight from appliance) 422.31
 - Label outside cover of exterior "Emergency Disconnect, Service Disconnect" (cannot be handwritten) 230.85(E)
 - Ensure Service Disconnect is labeled 230.70(B)
 - Interconnected smoke and CO alarms must be installed per code NFPA 72, IRC R310