

Significant Residential Electrical Changes in the 2020 NEC

Summarized by SAFEbuilt

Article #	Description	Code Change
210.8	GFCI Protection	<ul style="list-style-type: none">• All basement receptacles (finished space or not) except for permanently installed fire or burglar alarms• Indoor damp and wet locations (mud rooms, pet wash areas)• All outdoor outlets except for lighting outlets• Any bathroom countertop or similar work surface in bathroom• Garages must have their own 20-amp circuit
210.52 (C)	Countertops	<ul style="list-style-type: none">• Surfaces 12" and wider require a receptacle• New Island and Peninsular countertop outlet requirements• New outlet location requirements Above, In and Below countertops and work surfaces
230.67	Surge Protection	<ul style="list-style-type: none">• All services supplying dwelling units must have a Type 1 or 2 SPD-Surge Protection Device that is an integral part of the service equipment• These requirements apply to service replacements as well and new construction
230.85	Emergency Disconnects	<ul style="list-style-type: none">• Dwelling units must have service disconnect on the exterior of the structure in a readily accessible outdoor location and be marked per this section
314.27 (C)	Outlet Boxes	<ul style="list-style-type: none">• Outlet boxes in ceilings of habitable rooms that a ceiling fan can be installed must a) be listed for the sole support of ceiling-suspended (paddle) fans <p>OR</p>

- b) outlet box meeting requirements of 314.27 and provides access to structural framing that is capable of supporting ceiling-suspended fan bracket or equivalent
- 406.9 (C) Receptacles in Damp or Wet Locations
- Receptacles cannot be installed within a zone 3' horizontally and 8' vertically from the bathtub rim or shower stall threshold
- 410.10 (D) Bathtub and Shower Area Luminaires
- New requirements for where and what type of fixture can be installed in areas containing bathtubs/ showers
- 410 Part V Grounding
- New grounding requirements for luminaires and luminaires with exposed conductive parts.