

# 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"><li>• All basement receptacles (finished space or not) except for permanently installed fire or burglar alarms</li><li>• Indoor damp and wet locations (mud rooms, pet wash areas)</li><li>• All outdoor outlets except for lighting outlets</li><li>• Any bathroom countertop or similar work surface in bathroom</li><li>• Garages must have their own 20-amp circuit</li></ul>
210.52 (C)	Countertops	<ul style="list-style-type: none"><li>• Surfaces 12" and wider require a receptacle</li><li>• New Island and Peninsular countertop outlet requirements</li><li>• New outlet location requirements Above, In and Below countertops and work surfaces</li></ul>
230.67	Surge Protection	<ul style="list-style-type: none"><li>• 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</li><li>• These requirements apply to service replacements as well and new construction</li></ul>
230.85	Emergency Disconnects	<ul style="list-style-type: none"><li>• Dwelling units must have service disconnect on the exterior of the structure in a readily accessible outdoor location and be marked per this section</li></ul>
314.27 (C)	Outlet Boxes	<ul style="list-style-type: none"><li>• 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</li></ul> <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.