



Homeowners Guide to Electrical Terms

Common Jobs

- 1. Service Change-** Changing meter or service equipment. Reconnection or adding grounding electrode wire and electrodes needed.

Note Changing of Service- Entrance wires and Panel will require Service Meter to be brought up to code
- 2. Panel Change-** Changing Primary or Secondary panel board. Reconnection or adding grounding electrode wire and electrodes needed
- 3. Adding Branch Circuits-** adding circuits onto primary or secondary panel boards
i.e. Running wires for new outlets or lights
- 4. Regrounding-** Upon waterline replacement, in most homes built before 1975, new grounding electrode wire and electrodes needed.

Notes

1. Service disconnects are either in the electrical service meter or primary panel board as main breaker
2. Primary panel board also known as a breaker box contains breakers
3. Ground rods need to be at least 8' long and 5/8" in diameter, as per code
4. Not all homes have a secondary panel board, also known as a sub-panel
5. Size of feeder, breakers and wires based on size of sub-panel

City of Beaverton

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