



CITY OF TOLEDO

Department of Inspection

Division of Building Inspection

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WIRING STANDARDS GUIDELINES

ELECTRICAL SERVICE

1. 12' from ground to weather head must be maintained
2. Service cable must be neatly strapped
3. Service cable connector must be tightened properly
4. Lugs and meter socket must be tightened properly (use contact paste with aluminum wire)
5. Plastic bushing must be in place in meter socket
6. All connecting service conduit must be properly tightened
7. An 8' ground rod must be driven and an approved clamp installed - #6 copper wire shall be installed to the rod
8. Bonding screw in service panel must be installed (to neutral bar)
9. Ground bushing must be installed and bonded to neutral bar in the main panel
10. Proper size breakers to be used proportional to wire size in panel
11. Proper size ground wire shall be run to the street side of the water service with a jumper wire around the water meter
12. Panel circuit directory to be filled out

HOUSE WIRING

1. Living Rooms shall have at least two remote wall type duplex convenience outlets and one light fixture controlled by a wall switch or three remote wall type convenience outlets.
2. Bathrooms shall have 1 ceiling or wall type light fixture controlled by a wall switch and one wall type duplex convenience outlet with ground fault protection.
3. Kitchens shall have one ceiling or wall type light fixture controlled by a wall switch and three wall type duplex convenience outlets supplied by two appliance circuits.
4. Furnace rooms shall have one ceiling or wall type light fixture and one wall type duplex convenience outlet.
5. Laundry rooms shall have one ceiling or wall type light fixture and 1 grounded wall type convenience outlet supplied by a separate circuit.
6. All other habitable rooms shall have two remote wall type convenience outlets.
7. Existing standard fuses must be replaced with "S" type fuses and adapters.
8. All switch and outlet plates must be installed.
9. All power and lighting in house must be properly operating and checked by the permit holder.
10. Arc-fault protection is required for all new bedroom circuits.

BASEMENT WIRING

1. No. K, O's shall be left open.
2. All blank covers and pull chains shall be secured to boxes.
3. Existing BX cables, conduit, and greenfield shall be properly installed and secured.
4. Doorbell transformer shall be of grounded type.
5. All drop cords must be eliminated.
6. All knob and tube wiring shall be eliminated.
7. All rusted and deteriorated BX cables, conduits and boxes shall be eliminated.
8. All pendant-type lights shall be replaced.
9. GFI protection is required for all non-dedicated receptacles in unfinished basements.
10. 3/8 BX/MC/AC cables and 3/8" greenfield is not permitted.

GARAGES

1. All 120 volt receptacles to be gfci protected – this does not apply to door openers or dedicated outlet in space for freezer or refrigerator.
2. One light and one GFI outlet per car space.