



City of Pontiac

Division of Building Safety

47450 Woodward Ave. - 1st Floor

Pontiac, Michigan 48342

Phone: 248-758-2800

http://www.pontiac.mi.us/departments/community_development/building_and_safety.php

Electrical Plan Review Checklist

Electrical Plan Reviews are based on the Michigan Electrical Code. In order to perform a thorough Electrical Plan Review, the following specifications, drawings and details should be submitted:

- Complete signed and sealed (as required by applicable laws) plans specifications of all electrical work.
- Labeling criteria of all electrical equipment.
- Lighting floor plan including fixture locations, electrical circuits, circuit numbers, and panel locations.
- Power floor plans including electrical circuits, wiring sizes, panel locations, working clearances and electrical room egress, disconnect switches, receptacle locations including GFCI locations and required arc fault protected circuits.
- Exit sign/means of egress lighting location and power supply.
- Single line diagram and panelboard schedule including AIC rating and available fault current and the calculated service load with a load distribution schedule.
- Lighting fixture schedule.
- Symbol schedule and diagrams.
- Details showing the grounding electrodes, bonding of the grounding electrode system, and the size of all bonding and grounding electrode conductors for the service.
- Specifications to include requirements for:
 - o Wire, cable, raceway, and conduit with fittings.
 - o Electrical boxes, connections, fittings, and installation.
 - o Electrical wiring devices.
 - o Circuit and motor disconnects and motor control centers.
 - o Hangers and supporting devices.
 - o Electrical identification.
 - o Service entrance and details.
 - o Overcurrent protection and grounding.
 - o Switchboard and panel boards.
 - o Transformers.
 - o Lighting fixtures.