

City of Elmhurst

Electrical Plan Review Requirements

In order to perform a thorough Electrical Plan Review the following specifications, drawings and details should be submitted:

1. Complete plans and specifications of all electrical work.
2. Labeling criteria of all electrical equipment.
3. Lighting floor plan including electrical circuits indicating conduit and wiring sizes.
4. Power floor plans including electrical circuits indicating conduit and wiring sizes, equipment and disconnect switches.
5. Exit sign/means of egress lighting location and power supply.
6. Panelboard schedule.
7. Lighting fixture schedule.
8. Symbol schedule and diagrams.
9. Specifications to include requirements for:
 - a. Raceway and conduit fittings.
 - b. Wire and cable.
 - c. Electrical boxes, fittings and installation.
 - d. Electrical connections.
 - e. Electrical wiring devices.
 - f. Circuit and motor disconnects.
 - g. Hangers and supporting devices.
 - h. Electrical identification.
 - i. Service entrance and details,
 - j. Overcurrent protection.
 - k. Switchboards.
 - l. Grounding.
 - m. Transformers.
 - n. Panelboards.
 - o. Motor control centers.
 - p. Lighting fixtures.
 - q. Fire protective signaling systems.
 - r. Automatic fire detection systems.
 - s. Emergency/standby systems.