

## ICC PLAN REVIEW SERVICES

# ELECTRICAL PLAN REVIEW REQUIREMENTS

Electrical Plan Reviews are based on the specified edition of the *National Electrical Code*® as referenced by the *International Building Code*® unless otherwise directed. In order to perform a thorough Electrical Plan Review, the following specifications, drawings and details should be submitted:

- 1.** Complete signed and sealed (as required by applicable laws) plans and specifications of all electrical work.
- 2.** Labeling criteria of all electrical equipment.
- 3.** Lighting floor plan including fixture locations, electrical circuits, circuit numbers, and panel locations.
- 4.** 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.
- 5.** Exit sign/means of egress lighting location and power supply.
- 6.** Single line diagram and panelboard schedule including AIC rating and available fault current and the calculated service load with a load distribution schedule.
- 7.** Lighting fixture schedule.
- 8.** Symbol schedule and diagrams.
- 9.** Details showing the grounding electrodes, bonding of the grounding electrode system and the size of all bonding and grounding electrode conductors for the service.
- 10.** Specifications to include requirements for:
  - a.** Wire, cable, raceway and conduit with fittings.
  - b.** Electrical boxes, connections, fittings and installation.
  - c.** Electrical wiring devices.
  - d.** Circuit and motor disconnects, and motor control centers.
  - g.** Hangers and supporting devices.
  - f.** Electrical identification.
  - g.** Service entrance and details.
  - h.** Overcurrent protection and grounding.
  - i.** Switchboard and panelboards.
  - j.** Transformers.
  - k.** Lighting fixtures.