



COMMUNITY DEVELOPMENT DEPARTMENT

255 S. Lincoln Avenue, 2nd Floor

O'Fallon, IL 62269

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Mandatory on the Electrical Prints:

Please complete the following checklist and submit with electrical plans.

Project Name: _____

- Occupancy group
- Construction type
- Seismic design category
- 2011 National Electrical Code and additional regulations and standards as listed as code to follow
- 2015 IECC Energy Code notation as code to follow
- Com-Check Electrical Energy report
- Site lighting plan. Include the following:
 - Photometrics
 - Circuit numbers
 - Conduit size and type
 - Branch circuit wire size and type
- Power plan (receptacles, motors, disconnects, etc.) for each floor with wiring methods, branch circuit wire size, type, circuit number, conduit type and size. Include the following:
 - GFCI's in restrooms, kitchen general use areas, outdoors, rooftops, etc.
 - Service receptacle within 25 ft of HVAC equipment
 - Disconnect for any signs. Locate disconnect before the controller if one is used.
 - Designate special receptacles on the prints, such as tamper-resistant, hospital grade etc.
- Lighting plan for each floor with switch location, wire size and type and circuit number. Include the following:
 - Manual lighting control for each area
 - Emergency/Exit lighting with battery backup
 - Exterior egress lighting
- Follow 2015 IECC requirements for lighting reduction. Include the following:
 - Manual lighting controls
 - Lighting reduction controls
 - Additional required lighting controls

- Electrical symbol legend for:
 - Power
 - Lighting
 - Emergency Fixture
 - Telephone/Data
- Electrical schedules:
 - Light Fixture
 - Occupancy sensor
 - Equipment data for HVAC, etc.
- Details for:
 - Grounding/bonding with wire sizes and types for all grounding electrodes present
 - Lighting seismic sway wire hookups
 - Device mounting heights
 - Light pole standards if installing parking lot lighting
- Single line riser diagram showing all new and/or affected services, transformers, feeders, wire sizes and insulation types along with conduit sizes and types
- Number of services, switchgear, panelboards and their physical locations
- Panel schedules with circuit and feeder loads, overcurrent protection, load summaries, fault current data, short circuit ratings
- Include provision for protecting penetrations on fire rated assemblies
- Include provision for ADA requirements concerning "Areas of Refuge" and all associated wiring principles and protections

CHECKLIST COMPLETED AND SUBMITTED BY:

Print Name, Signature and Date