



City of SeaTac

Commercial/Multifamily Electrical Permit Requirements

All permit submittals must include:

- Complete application.
- City of SeaTac Business License.(See Finance Department)
- Energy Code lighting budget calculations if adding lighting load or replacing more than 60% of the light fixtures.
- Most projects adding less than 50 amps, except as identified below, are not required to have a plan review. However a layout plan showing all equipment, devices and fixtures must be submitted to identify the exact scope of the work. This can be a simple drawing and does not need to be a schematic.

For larger/special projects, identified below, a plan review is required. Please see the separate submittal requirements for each type of work below and number of plan/layout copies needed for submittal:

- Service installation/alteration - 2 copies.
- Adding more than 50 amps- 2 copies.
- Parking lot & outdoor lighting - 4 copies.
- Wireless communication facilities - 4 copies.
- Vehicle Access control - 4 copies.
- Fire alarm systems - 3 copies.

Type of work that must be reviewed and their submittal requirements

Adding more than 50 amps

or

Add or alter the electrical service

or

As required by WAC 296-46B-010 (schools, hospitals, nursing homes, boarding homes etc.)

- Plans to scale that show equipment, devices and lighting layout
- One line diagram including grounding
- Feeder load calculations - include 30 day meter reading when applicable
- Maximum fault current calculation if service equipment is being installed
- Panel schedules including the following:
 - Panel size
 - Feeder size and overcurrent protection
 - Branch circuit overcurrent protection
 - Actual circuit load
 - Conductor size
 - Circuit voltage

Parking lot and outdoor lighting

- Site plan to scale showing all devices and equipment
- Photometric plan (*see lighting handout*)
- Manufacturer's cut sheet for all luminaires and poles
- Structural details of pole bases
- If adding more than 50 amps (*see checklist above*)

Wireless communication facilities

- Site plan (including proposed landscaping)
- Provide layout plan to scale showing all devices and equipment.
- Tower elevation
- Antenna mounting details (*unless reviewed under building permit*)

Vehicle Access control

- Provide site plan to scale showing all devices and equipment.

Signs - see separate checklist

Fire alarm installations

- Provide wiring schematic to scale that includes:
 - Panel location and type.
 - Device locations.
- Panel battery calculations.
- Device cut sheets.

NOTE: All systems shall be monitored by an approved supervising station in accordance with NFPA 72.