

Community and Economic Development

SUBMITTAL DOCUMENTS

- For **residential roof-mounted solar panels**, use the Electrical Permit Checklist for Residential Solar Photovoltaic Systems instead of this checklist.
- Electrical plans (not required for one and two-family dwellings)** Provide plans showing the following items (as applicable):
 - Floor plan** or site layout to show the area where the electrical work is to occur
 - North arrow** indicating the direction north
 - The **proposed use or occupancy** of the various portions of the building in which the electrical work is to occur
 - A complete **riser diagram**
 - The calculated **load schedule and demand factor** selected for each branch circuit, feeder, sub-feeder, main feeder, service panel, and circuit schedules shown
 - Fault current calculations** and the **listed interrupting rating** for each service and/or feeder
 - Legend** or key to any symbols used
 - Letters and numbers** designating mains, feeders, branch circuits, and distribution panels
 - Wattage (vA), number of sockets and types of **luminaire(s)**
 - Wattage (vA) and purpose of **all other outlets**
 - Voltage** at which any equipment will operate
 - Identification** of size of wires, type of insulation, and all conduit sizes
- Lighting Budget Calculations (not required for one and two-family dwellings)** Compliance forms and related information may be found at the **Northwest Energy Efficiency Council (NEEC)**.
- Any other information** pertinent to the project, or as required by the plans examiner
- Engineer's stamp and signature** on the electrical plans in the following cases:
 - Educational facilities, hospitals and nursing homes
 - Services or feeders rated 1600 amperes or larger
 - Installations identified in the NEC as requiring engineering supervision
 - When required by the Building Official for installations which by their nature are complex, hazardous or -pose unique design problems
- Owner/Renter/Lessee Affidavit** to be provided when the property owner, renter or lessee chooses to purchase a permit to do an electrical installation on his/her own or qualified leased property under the conditions as described in **RCW 19.28.261**.

ADDITIONAL/SUPPLEMENTAL DOCUMENTS *The items listed below will require electrical plan review*

- Proposed work includes (check all that apply): Multi-Family Commercial/Industrial
- Installations or alterations of service or feeders rated over 400 amps
 - Commercial generator installations or alterations (*unless loads are cord and plug connected*)
 - Educational, institutional, health or personal care occupancies as defined in WAC296-46B-900(1)
 - Changing 50% or more of the interior luminaires, increasing the lighting load or creating enclosed spaces
 - Exterior lighting (See Commercial & Multi-Family Exterior Lighting Requirements checklist)
 - Installation of switches or circuit breakers rated 400 amps or more
 - Addition of over 400 amps of new load to an existing service or feeder
 - Hazardous (classified) locations as defined by the NEC
 - Commercial charging stations Number of stations: _____
 - Temporary power: Over 200 amps or Over 150 volts to ground