



Department of Community Development
33325 8th Avenue South
Federal Way, WA 98003
253-835-2607; Fax 253-835-2609
www.cityoffederalway.com

REQUIRED ELECTRICAL PLAN REVIEW

Electrical plan review **IS REQUIRED**:

- **For new or altered service and/or feeder of 1000 amps or greater**
- **For the following health care facilities:**
 1. Hospital
 2. Nursing home unit or long-term care unit
 3. Boarding home or assisted living facility
 4. Renal hemodialysis treatment facility
 5. Adult residential rehabilitation center
 6. Residential treatment facility for psychiatrically impaired children and youth
 7. Maternity home
 8. Ambulatory surgery facility
 9. Private alcoholism hospital
 10. Alcoholism treatment facility
 11. Private psychiatric hospital
- **For the following educational and institutional facilities:**
 1. School
 2. College
 3. Academies
 4. University
 5. Residential-restrained care center
 6. Reformatory
 7. Detention center
 8. Correctional center
 9. Penal institution
 10. Jail
 11. Prison
- **If the Building Official determines that plan review is warranted**
Based on the complexity, hazard, NEC compliance, or other unique aspects of the proposed design

Plans must be prepared and stamped by an electrical engineer licensed in the State of Washington.

Electrical plan review **IS NOT REQUIRED** for:

- Fire alarm, nurse call, intrusion or security alarm, public address, music, energy management, programmed clock, or telecommunication systems per WAC 296-46B-900(3).



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ELECTRICAL PLAN REVIEW CHECKLIST

Incomplete submittals *will not* be accepted for review.

A complete submittal must include:

- Completed permit application form.
- Appropriate plan check fee.
- **Two sets** of drawings (11" x 17" minimum/30" x 42" maximum). All sheets must be the same size and include the items shown on the checklist below.
 - Plans to be reviewed must be legible, identify the name and classification of the facility, and clearly indicate the scope and nature of the installation, and the person or firm responsible for the electrical plans.
 - The plans must clearly show the electrical installation or alteration in floor plan view.
 - Where existing electrical systems are to supply additional loads, the plans must include documentation that proves adequate capacity and ratings of the existing service.

Req'd	Sub	
<input type="checkbox"/>	<input type="checkbox"/>	Site plan depicting building(s) and all area(s) of work
<input type="checkbox"/>	<input type="checkbox"/>	Electrical plans depicting power, lighting, and all associated wiring for each floor
<input type="checkbox"/>	<input type="checkbox"/>	Panel schedules of all switchgear and panel boards
<input type="checkbox"/>	<input type="checkbox"/>	Load calculations
<input type="checkbox"/>	<input type="checkbox"/>	One line riser diagrams shall include the following: <ul style="list-style-type: none"> • KVA and voltage at the utility transformer • Available fault current at service • Conduit sizes • Conductor size, material, and insulation types
<input type="checkbox"/>	<input type="checkbox"/>	Electrical specifications