



# Electrical Permit Application



**Redmond**  
WASHINGTON

[redmond.gov/BuildingPermits](http://redmond.gov/BuildingPermits)

Is work related to an existing building permit?

BLDG- \_\_\_\_\_

- Residential     Multi-family     Right of Way
- Mixed Use     Commercial

### ENTER QUANTITIES:

- |                            |                                     |
|----------------------------|-------------------------------------|
| ____ Feeder                | ____ Service - New                  |
| ____ Fire Alarm            | <input type="checkbox"/> 60 AMP     |
| ____ Generator             | <input type="checkbox"/> 200 AMP    |
| ____ Ground Ufer—per visit | <input type="checkbox"/> ≥ 400 AMP* |
| ____ Low Voltage           | ____ Subpanel                       |
| ____ Circuits              | ____ Temporary Service              |
| ____ Service - Added       | ____ Illuminated Signs              |
| ____ Service - Altered     | ____ Other                          |

\*Plan review required

### SITE LOCATION

- \*Value of Electrical work \$: \_\_\_\_\_
- Site address: \_\_\_\_\_
- Suite/FLR/RM: \_\_\_\_\_
- Tax parcel number: \_\_\_\_\_
- Project name/Tenant: \_\_\_\_\_
- Plat name/Lot number: \_\_\_\_\_
- Property owner: \_\_\_\_\_
- Mailing address: \_\_\_\_\_
- City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_
- Phone: \_\_\_\_\_

\*Value of Construction: The value of construction shall include the prevailing fair market value of all labor, materials and equipment, whether actually paid or not, needed to complete the work.

### DETAILED DESCRIPTION OF WORK

\_\_\_\_\_

### ELECTRICAL CONTRACTOR INFORMATION

- Company name: \_\_\_\_\_ State contractor's license #: \_\_\_\_\_
- Mailing address: \_\_\_\_\_ Expiration date: \_\_\_\_\_
- City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ UBI #: \_\_\_\_\_
- Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

### APPLICANT INFORMATION

- Contact person: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_
- Company name: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
- Mailing address: \_\_\_\_\_ E-mail: \_\_\_\_\_

### BUILDING OWNER OR AUTHORIZED AGENT

I hereby certify that I have read and examined this application and know the same to be true and correct, and I am authorized to apply for this permit.

- Print Name: \_\_\_\_\_ Date: \_\_\_\_\_
- Signature: \_\_\_\_\_

**Expiration of Plan Review:** Applications for which no permit is issued within 365 days following the date of application, shall expire and all fees paid shall be forfeited. Upon written request of the applicant and prior to expiration, the Building Official may grant a single 365-day extension to the plan review time as specified in RMC Chapter 15.12. No application shall be extended for a period of more than 365 days. See the Fee Schedule for extension fee information. **Expiration of Permit:** Permits for which no inspection has been performed will expire 365 days from the date of issuance. If an inspection is passed before the expiration date of the permit, the expiration date will be extended to 365 days from the date of the latest successful inspection (except for Final Inspections). The customer can choose to pay a fee in order to extend the expiration date of the permit an additional 365 days. Once the permit is expired the customer has six months to pay a fee to reinstate the permit. Any permits expired for more than a period of six months will not be able to be reinstated and a new permit will need to be applied and paid for.

**ELECTRICAL PLAN REVIEW IS REQUIRED FOR ALL BUILDINGS EXCEPT 1 AND 2 FAMILY DWELLINGS AND IRC TOWNHOUSES.**

- All exterior appliance installations including Photovoltaic Systems and generators on all types of occupancies.
- Increase in load of 400 amps or more **IF**
  - New non-residential, multifamily or mixed-use buildings. (Excludes low voltage and voice data)
  - Existing or new commercial service alterations, generators, subpanels, transformers, feeders, or hazardous locations as defined by NEC.
- Installation/altering a service or feeder rated 400 amps or more.
- Any installation or alteration in a space with health care, educational, and institutional occupancy categories as listed in WCEC 85.15.G(1). (Hospital, nursing home unit or long-term care unit, boarding home or assisted living facility, private alcoholism hospital, private psychiatric hospital, maternity home, ambulatory surgery facility, renal hemodialysis clinic, residential treatment facility for psychiatrically impaired children and youth, adult residential rehabilitation center<sup>1</sup>, education<sup>2,3</sup>, and institutional<sup>2,3</sup>.)
- Work on electrical systems operating at over 600 volts.

<sup>1</sup>Wiring methods in accordance with the NEC unless otherwise noted.

<sup>2</sup>Metallic or nonmetallic raceways, MI, MC or AC cable, except that in places of assembly located within educational or institutional facilities, wiring methods must conform to NEC 518.4(a). Places of assembly located within educational or institutional facilities may not be wired according to NEC 518.4(b) or (c)

<sup>3</sup>Limited energy system may use wiring methods in accordance with the NEC

**PLAN REVIEW NOT REQUIRED FOR**

- Temporary power
- Low voltage and voice data

**ELECTRONIC SUBMITTAL REQUIREMENTS - PLEASE BRING ALL MATERIALS IN ON A USB FLASHDRIVE.**

- Electrical Plans**  
Show power and lighting for each floor and location of all electrical panel boards.
- Electrical Panel Schedules**  
With loads indicated in volt-amperes (VA) or kilovolt-amperes (KVA) and the listed interrupting rating (A.I.C.) of all overcurrent protective devices.
- Riser Diagram**  
Showing the point-to-point available fault current and the raceway size and type, the conductor's size and type, and grounding methods. Include a detail of the grounding electrode system.
- Load Calculation**  
Include an electric load summary showing all applicable demand factors.
- Fault Current Calculations**  
Through the panel board level
- Lighting Budget Calculations**  
per Washington State Energy Code. [See Redmond.gov for Energy Code form.](http://www.redmond.gov/energy-code-form)

**Electronic Plan Standards**

- ⇒All plans must be drawn **to scale**, and have scale noted on each sheet.
- ⇒All documents must be uploaded as a **PDF**.
- ⇒All plans must be uploaded in **landscape** orientation (horizontal position).
- ⇒All plans must be named accordingly per the submittal requirements in **BOLD**.
- ⇒All plans must be **flattened, unlocked and reduced**.

*Any files that are improperly named and/or formatted incorrectly may be rejected at intake.*

Paper plans, incomplete applications and applications delivered by courier will not be accepted and will result in the application being deemed incomplete.