

**Electrical Permit Application****Columbia County Land Development Services**

230 Strand, St. Helens, OR 97051 P: 503-397-1501

**Inspection Request: 1-888-299-2821****Online: BuildingPermits.Oregon.gov****Permits expire if work is not started within 180 days of issuance or if work is suspended for 180 days.****DEPARTMENT USE ONLY****Permit No. 192-**

Issue Date:

By:

**LOCAL GOVERNMENT APPROVAL**Zoning approval verified. ☐ Yes ☐ No ☐ N/A**CATEGORY OF CONSTRUCTION**

- |   |   |
|---|---|
| <input type="checkbox"/> Residential                  | <input type="checkbox"/> Commercial         |
| <input type="checkbox"/> Detached Accessory Structure | <input type="checkbox"/> Accessory Building |
| <input type="checkbox"/> Manufactured Dwelling        | <input type="checkbox"/> Industrial         |
| <input type="checkbox"/> Single-Family Dwelling       | <input type="checkbox"/> Mixed Use          |
| <input type="checkbox"/> Two-Family Dwelling          | <input type="checkbox"/> Multi-Family       |
| <input type="checkbox"/> Townhouses                   | <input type="checkbox"/> Other:             |
| <input type="checkbox"/> Other                        |   |

**TYPE OF WORK**

- |                                   |                                      |   |
|-----------------------------------|--------------------------------------|---|
| <input type="checkbox"/> Addition | <input type="checkbox"/> Alteration  | <input type="checkbox"/> Tenant Improvement |
| <input type="checkbox"/> Move     | <input type="checkbox"/> New         | <input type="checkbox"/> Other              |
| <input type="checkbox"/> Repair   | <input type="checkbox"/> Replacement | <input type="checkbox"/> Other              |

**JOB SITE INFORMATION AND LOCATION**

Job site address:

City/State/ZIP:

Project name:

Directions to job site:

Parcel/Account #:

**DESCRIPTION OF WORK****PROPERTY OWNER INSTALLATION**

Name:

Address:

City/State/ZIP:

PH:

E-mail:

**This installation is being made on residential or farm property owned by me or a member of my immediate family. This property is not intended for sale, exchange, lease, or rent. ORS 479.560(1) and 479.560(1).**

**Sign Here:****CONTRACTOR INSTALLATION**

Business name:

Address:

City/State/ZIP:

PH

Email:

CCB #:

BCD #:

Name of signing supervisor:

Signature:

Lic. No.:

**This permit is issued under OAR 918-309-0000.****Electrical permits are non-transferable and non-refundable.**

Permits expire if work is not started within 180 days of issuance or if work is suspended for 180 days.

**All permit extensions shall be in writing.****FEE SCHEDULE FY2023**

Number of inspections per item below ( )	Qty	Fee	Total
<b>Residential, per unit, service included (includes attached garage):</b>			
1000 sq. ft. or less # of inspections (4)		328.00	
Each additional 500 sq. ft. or portion thereof		43.00	
Limited Energy # of inspections (2)		133.00	
Each manufactured home or modular dwelling service or feeder # of insp. (2)		173.00	
<b>New Multi-family dwelling (3 or more units):</b>			
Fee for largest unit calculated using above sq ft rates – <b>plus 50% of permit fee for each additional unit</b>		<b>Fee above plus 50% for each add'l. unit</b>	
Multifamily new construction – limited energy system – <b>per floor</b> – MIN \$133.00			
Multifamily, new construction – Protective Signaling – <b>per floor</b> – MIN \$133.00			
<b>Service or feeders: (installation, alteration, relocation)</b>			
200 amps or less # of inspections (2)		249.00	
201 to 400 amps # of inspections (2)		269.00	
401 to 600 amps # of inspections (2)		409.00	
601 to 1000 amps # of inspections (2)		539.00	
Over 1000 amps or volts # of inspections (2)		869.00	
<b>Reconnect ONLY one inspection allowed (1)</b>		173.00	
<b>Temporary services or feeders (installation, alteration, relocation)</b>			
200 amps or less # of inspections (2)		229.00	
201 to 400 amps # of inspections (2)		269.00	
401 to 599 amps # of inspections (2)		403.00	
601 amps or 1000 volts – see above* (2)		*	
<b>Branch circuits: (new, alteration, extension, per panel)</b>			
Fee for branch circuits <b>with</b> purchase of service/feeder – each circuit		11.00	
Fee for branch circuits <b>without</b> purchase of service/feeder – first branch circuit		173.00	
Each additional branch circuit		11.00	
<b>Miscellaneous: (service or feeder not included)</b>			
Well Pump/irrigation circle # of insp. (2)		133.00	
Each sign or outside lighting # of insp. (2)		133.00	
Commercial limited energy panel, alt. or ext.		269.00	
Septic pump and alarm		133.00	
Ground grid		269.00	
<b>Each addt'l. inspection over the allowable:</b>			<b>133.00</b>
<b>All Renewable Energy for Electrical Systems</b>			
5 KVA or Less		249.00	
5.01 to 15 KVA		269.00	
15.01 to 25 KVA		309.00	
25 KVA or Greater 309.00 for first 25 KVA plus \$12.00 per KVA up to 100 KVA maximum		309.00	+12.00
<b>Technology Fee (3% permit fee)</b>			
<b>State Surcharge (12% of permit fee)</b>			
<b>Plan Review (25% of Subtotal), if required</b>			
<b>BALANCE DUE:</b>			
<b>Plan Review signature/date</b>			

**Under-ground Conduit, Under-slab Conduit, Grounding, Rough-in inspections are required prior to cover**

**ELECTRICAL PLAN REVIEW RULES/STANDARDS**

**OAR 918-311-0010 through OAR 918-311-0060**

**COLUMBIA COUNTY FOLLOWS MINIMUM STATE PLAN REVIEW REQUIREMENTS**

**ELECTRICAL PLAN REVIEW FOR COMPLEX STRUCTURE, OAR 918-311-0040**

**(1) A jurisdiction providing electrical code plan review services may only require electrical plan review for a complex structure. For the purpose of this rule, "complex structures" have an electrical system designed, constructed or reconstructed with any of the following:**

- (a) A service or feeder beginning at 400 Amps where the available fault current exceeds 10,000 Amps at 150 Volts or less to ground or exceeds 14,000 Amps for all other installations; or
- (b) Installation of a 150 KVA or larger separately derived system as defined in Article 100 of the National Electrical Code (NEC); or
- (c) Addition of a new motor load of 100 HP or more; or
- (d) Fire pump installations as defined in Article 695 of the NEC; or
- (e) Emergency systems installations as defined in Article 700 of the NEC; or
- (f) A service or feeder rated at 600 Amps or over; or
- (g) Voltage. More than 600 supply volts nominal; or
- (h) Renewable Energy. Renewable electrical energy systems rated over 25 KVA; or
- (i) Height. More than three stories; or
- (j) Occupancy.

**(A) Six or more residential units in one structure; or**

**(B) An "A" (Assembly) occupancy, "E" (Educational) occupancy, or "I-2" or "I-3" (Institutional) occupancy as defined in the adopted Oregon Structural Specialty Code; or**

**(C) Any of the following special occupancies as described in Chapter 5 of the NEC adopted by the board in OAR 918-305-0100:**

- (i) Hazardous (Classified) locations as defined in Articles 500 to 516; or
- (ii) Installations in patient care areas of health care facilities as defined in Article 517; or
- (iii) Agricultural buildings used for commercial purposes, as defined in Article 547; or
- (iv) Floating buildings as defined in Article 553; or
- (v) Marinas and boat yards as defined in Article 555; or
- (k) Recreational Vehicle Park. A new recreational vehicle park, or any addition or alteration to an existing park.

**(2) Plan review is not required for work permitted through minor installation labels under OAR 918-309-0210 to 918-309-0260.**

**(3) A jurisdiction requiring electrical plan review may not require plan review on more than one building or structure under construction or reconstruction at the same job site, as long as:**

- (a) The electrical systems of the buildings or structures are materially alike, and;
- (b) A person obtains electrical permits for the buildings or structures within a reasonable time.

**(4) Standardized Format for Plan Review. When electrical plan review is required the electrical plan shall meet the following requirements:**

- (a) Copies. Submit two sets of electrical plans;
- (b) Readability. The plans shall be drawn to scale, contain definitions for legends used, be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the applicable electrical code requirements, laws, ordinances, rules and regulations;
- (c) Contents. The plans shall contain the following minimum requirements:
  - (A) Feeder riser diagram showing panel location and circuit schedules;
  - (B) One line riser diagram showing bonding and grounding and conductor sizes;
  - (C) Available fault current on the line side of service disconnect;
  - (D) Complete load calculations, or provide applicable load records, for all new installations and for additions to existing installations;
  - (E) Fixture schedule, showing type, location and layout of the fixtures;
  - (F) Address of the installation and name of owner and address;
  - (G) Identification of the employer, identification and signature of person who prepared the plan, license number if the person is an electrical supervisor and professional registration number if the person is an architect or registered professional electrical engineer; and
  - (H) Location of emergency systems, identifying the power source and the system on plan.
- (5) Nothing in these rules shall prohibit a jurisdiction from requiring a lighting energy budget.
- (6) Nothing in these rules shall prohibit the owner or the owner's agent from requesting and receiving plan review for non-complex structures.