



## **Electrical Permit**

This applies to Commercial projects. Please see [Permit Exemptions 2021 Code](#) for permitting requirements. The materials listed below must be submitted at the time of your application. Please ensure your files conform to City of Tukwila's electronic [Document Standards](#) prior to upload. Files that do not meet these requirements will result in the application being deemed incomplete.

Please see linked documents for a more detailed description.

**NOTE: All files must be PDF**

### **Applicable Regulations:**

- [TMC Title 16 Buildings and Construction](#)

### **Resources:**

- [Construction Portal & Fees](#)
- [Site Plan](#)
- [Cover Sheet](#)
- [Document Standards](#)
- [Contractor and Business License](#)

<b>Required Documents</b>	<b>Attachment File Name</b>
Washington State Department of Labor and Industries valid <a href="#">Contractors License</a>	Contractor License
Current City of Tukwila <a href="#">Business License</a>	Business License
<b>Plans – Ensure current IBC &amp; NEC codes are clearly stated.</b>	<b>Attachment File Name</b>
<a href="#">Site Plan</a> - Please see linked document for a more detailed description	Site Plan
<a href="#">Cover Sheet</a> Please see linked document for a more detailed description. <b>Electrical Plans</b> - Construction documents shall state the full scope of work.	Electrical Plan
<ul style="list-style-type: none"><li>• Ensure and demonstrate the following at a minimum (as applicable):<ul style="list-style-type: none"><li>○ Power, lighting, wiring for each floor, and electrical panel locations.</li><li>○ Electrical panel schedules and loads indicated in volt-amperes (VA) or kilovolt-amperes (KVA).</li><li>○ Riser diagrams with conductor and raceway size, type, and grounding methods.</li><li>○ Complete Load, Lighting budget, and Fault Current calculations.</li></ul></li><li>• Installation of a 1000-amp service or larger in education, institutional, and healthcare facilities shall be prepared by an engineer registered in the State of Washington.</li></ul>	
<b>All drawings shall bear the engineer's original seal and signature.</b>	
<b>Additional Information</b>	
Construction documents must clearly show the electrical installation or alteration in floor plan view for each floor. Where existing electrical systems are to supply additional loads, the plans must demonstrate adequate capacity and ratings of the existing service as provided for in Article 220 of the NEC.	
<b>Electrical Review Required Commercial Projects</b>	
<ol style="list-style-type: none"><li>1. New commercial buildings of any occupancy</li><li>2. Tenant Improvement or remodel of any commercial building with any occupancy that's over 2,500 SqFt</li><li>3. Wireless communications facilities</li><li>4. All electrical in parking lots including outdoor lighting and EV charging</li><li>5. All commercial generator installations.<ul style="list-style-type: none"><li>a. Separate Building and Mechanical permits may be required.</li></ul></li><li>6. All electrical installations in hazardous areas as defined in the NEC Installations.</li></ol>	
*** All others may be subject to over-the-counter permits including commercial conduit only permits and all residential projects. ***	