



One-Family Dwelling Permit <b>EP-</b>
Laneway House Permit <b>EP-</b>

**Electrical Load Calculation for Laneway House and One-Family Dwelling  
Or One-Family Dwelling with Secondary Suite. CE Code Rule 8-200 2).**

Part 1. Note: Document must be completed in Full.

One-Family Dwelling Address :

LWH Address: \_\_\_\_\_ S Suite Address: \_\_\_\_\_

Complete ALL Info Based On Rule 8-200 2)	One-FD _____ m <sup>2</sup>	S-Suite _____ m <sup>2</sup>	LW House _____ m <sup>2</sup>	Area in m <sup>2</sup> (1 square meter = 10.764 square feet)								
	Excluding secondary suite, if SS is individually metered.	(If applicable) Portion of One-FD, only if SS is individually metered.	(Including floor area used for enclosed parking)									
1) a) i) a basic load of 5000 W for the first 90 m <sup>2</sup> of living area, see Rule 8-110; plus				Contractor to provide accurate m <sup>2</sup> as calculated per info from Building or Development permit, for the purpose of Rule 8-110.  Check box below: Same day service reconnection planned? Yes <input type="checkbox"/> No <input type="checkbox"/> *If No, each disconnecting means must be terminated prior to inspection.  <u>Booking an inspection:</u> <u>The fastest and easiest</u> <u>way to book an</u> <u>inspection is online.</u> Unable to book your inspection online? Call 3-1-1 (outside Vancouver 604-873-7000).  The service panelboard and branch circuits from a panelboard of 1FD or SS or 1FD with SS must not be located and connected to outlets or electrical equipment in the detached LWH. Rules 26-600 1), 26-654 a). Zoning and Development By-law.								
1) a) ii) an additional 1000 W for each 90 m <sup>2</sup> or portion thereof in excess of 90 m <sup>2</sup> ; plus												
1) a) iii) any electric space-heating loads (Section 62); plus												
1) a) iii) any AC "Rule 8-106 3)"												
1) a) iv) single electric range: 6000 W + 40%-exceeds 12 kW; plus												
1) a) v) electric tankless water heaters or water heaters for steamers, swimming pools, hot tubs, or spas. 100%; plus												
1) a) vi) except as permitted by Rule 8-106 11), any electric vehicle supply equipment loads. 100%; plus												
1) a) vii) additional loads: electric range provided-25% X (>1500 W), or no electric range provided-100% of (>1500 W) up to 6000 W, + 25% X (>6000 W).												
<b>Total calculated Demand loads (Watts)</b>	<b>W</b>											
<b>Provide each Main Breaker Overcurrent device size (Must match Permit info)</b>	<input type="checkbox"/> 100 A	<input type="checkbox"/> 125 A	<input type="checkbox"/> 150 A	<input type="checkbox"/> 200 A	<input type="checkbox"/> 60 A	<input type="checkbox"/> 100 A	<input type="checkbox"/> 125 A	<input type="checkbox"/> 150 A	<input type="checkbox"/> 60 A	<input type="checkbox"/> 100 A	<input type="checkbox"/> 125 A	<input type="checkbox"/> 150 A
<b>Type &amp; size of consumer's service conductors.</b>	<b>AWG/kcmil Cu/Al</b>				<b>AWG/kcmil Cu/Al</b>				<b>AWG/kcmil Cu/Al</b>			

Demand Application	CE Code Rule 8-200 2)			
100% Heaviest load: <b>W</b>	8-200 2) a) excluding any electric space-heating & air-cond. loads: 8-202 3) a) i)-100% of calculated load of unit with heaviest load; + 3) a) ii)-65% of next two units.	The size of consumer's service conductors between the BC Hydro point of attachment and multi position meter base to be based on the calculated load obtained from Subrule 1) a) or b), and 8-202 3) a) i) to ii); plus 8-202 3) b) & c). The main bus and each subdivision of the multi position meter base must comply with Rule 8-200 2) & 1).		
65% Next two units only <b>W</b> if Individually metered :				
Electric space-heating loads: <b>W</b>				
Air-conditioning loads: <b>W</b>	8-200 2) a) b). 8-202 3) b) c). electric space-heating loads; Section 62, subject to Rule 8-106 3), and 100% air-conditioning loads, subject to Rule 8-106 3).			
<b>Total Calculated Load:</b>	<b>Watts</b>	<b>BC Hydro Confirmed Main / Consumer's Service:</b>	<b>Size &amp; Type of Service Conductors:</b>	<b>Quantity of meters:</b>
		<input type="checkbox"/> 200 A <input type="checkbox"/> 400 A	(AWG/kcmil, Cu/Al)	

I have verified that the information contained within this document is correct.

Electrical Contractor Name & Licence # \_\_\_\_\_ Email Address \_\_\_\_\_ Phone Number \_\_\_\_\_  
 FSR Name & Registration # \_\_\_\_\_ Signature \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
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**Electrical Load Calculation for Laneway House and One-Family Dwelling  
or One-Family Dwelling with Secondary Suite. CE Code Rule 8-200 2)**

**Part 2.**

**Please enter all information where applicable.**

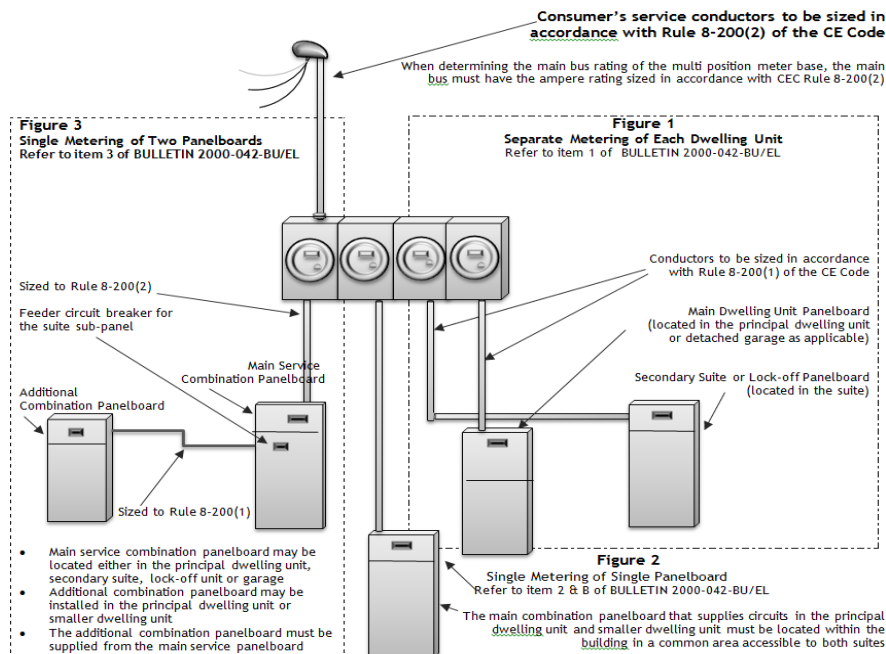
<b>Areas of the One-Family Dwelling. (1 sq. m. = 10.764 sq. ft.)</b>	
<b>Ground Floor:</b>	<b>m<sup>2</sup></b>
<b>Upper Floor:</b>	<b>m<sup>2</sup></b>
<b>Basement:</b>	<b>m<sup>2</sup></b>

<b>Areas of the Laneway House.</b>	
<b>Laneway House:</b>	<b>m<sup>2</sup></b>
The determination of areas for a detached one-family dwelling of Laneway House must include the sum of 100% of the area used for enclosed parking for the purpose of Rule 8-110 and Rule 8-200 2).	

<b>Secondary Suite Area:</b>	<b>m<sup>2</sup></b>
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<b>Electrical Equipment Used in Load Calculation.</b>	
<b>Type &amp; Wattage of Electric Space-Heating:</b>	<b>W</b>
<b>Air-Conditioning Load:</b>	<b>W</b>
<b>Heat Pump:</b>	<b>W</b>
<b>Electric Booster for Geothermal Heating:</b>	<b>W</b>
<b>Electric Range:</b>	<b>W</b>
<b>Second Electric Range:</b>	<b>W</b>
<b>Separate Built-in Cooking Units:</b>	<b>W</b>
<b>Electric Clothes Dryer:</b>	<b>W</b>
<b>Electric Tankless Water Heater:</b>	<b>W</b>
<b>Electric Hot Water Tank:</b>	<b>W</b>
<b>Electric Steamer:</b>	<b>W</b>
<b>Electric Water Heater (swimming pool, hot tub, spa):</b>	<b>W</b>
<b>Electric Sauna:</b>	<b>W</b>
<b>Electric Furnace / Motor:</b>	<b>W</b>
<b>Electric Vehicle Supply Equipment Loads (EVSE):</b>	<b>W</b>
<b>Electric Vehicle Energy Management System (EVEMS) is utilized. Name of manufacturer and model:</b>	
<b>Type &amp; Watts of Addition Loads With Rating In Excess of 1500 W:</b>	
<b>Type &amp; Watts of Addition Loads With Rating In Excess of 1500 W:</b>	

**EXAMPLES OF PANELBOARDS INSTALLATIONS IN DWELLING UNITS WITH  
SECONDARY SUITES OR LOCK-OFF UNITS**



**Examples of Service and Distribution Arrangements for a Laneway House**

