

## DEVELOPMENT, BUILDINGS AND LICENSING Electrical Inspections Branch

Electrical Load Calculation for One-Family Dwelling with or without Secondary Suite in combination with Laneway House

## Address:

2024 CE Code Rule 8-200 2) Rule 8-200 1) a)				(Principal)		В	С	
			One-Family		Sec blue in co	ondary Suite	Laneway Hou	
Identifying the total living areas - Rule 8-110. 8-200 1) a):				m²		m²		m²
<ul> <li>i) a basic load of 5000 W for the first 90 m² or less of livin</li> <li>ii) 1000 W for each 90 m² or portion thereof; plus</li> </ul>	3							
iii) any electric space-heating loads using the demand factors from Section 62. 100% of the first 10 kW, plus 75% for any amount over 10 kW; plus any air-conditioning loads with dema		Baseboard Heat:						
		Heat Pump:						
factor of 100%, subject to interlocks as per Rule 8-106 3		Air-conditioning:						
△ Electric boiler, duct heater, furnace: 100%;		Other:						
iv) any electric range load: 6000 W for a single range plus 40% of any amount by which								
the rating of the range exceeds 12 kW; plus  v) any electric tankless water heaters or electric water heaters for steamers, swimming pools, hot tubs, or spas with a demand factor of 100%; plus								
vi) except as permitted by *Rule 8-106 11), any electric		100% EVSE:						
supply equipment loads with a demand factor of 100%; plus	*Deduction	n of EVSE loads						
vii) A) 25% of the rating of each load with a rating in excelled 1500 W, if an electric range has been provided for, or vii) of the combined load up to 6000 W, plus 25% of the 6								
	nbined	HWT:						
load that exceeds 6000 W, if an electric range has not be provided for;	een	Other:						
If principal dwelling unit & secondary suite are separately metered, lo		bad calculation as		<del>-</del>		total unmetered		
per 8-200 2); if a single utility meter is provided for dwelling unit & suite, load calculation as per 8-200 1) for basic loads plus electrical loads of units as if there is only one dwelling unit.				W	load l	below to column A	NA	
Total Calculated Loads			W	•	W		W	
**Main Circuit Breaker – Amps				Α		Α		Α
Type & size of service/feeder (AWG / kcmil Cu / Al)								
The calculated load for the consumer's service supplying the dwelling units above must be based on Rule 8-200 2):  Excluding any electric vehicle supply equipment loads, any electric space-heating loads and any air-conditioning loads,								
							U 2).	
Excluding any electric vehicl calculate the total load of all the c	le supply equ dwelling units	ipment loads, any electusing the Rule 8-2023	tric space-heating 3) a) i) to v); plus,	loads and any a the requirement	air-condit s of Rule	tioning loads, e 8-202 3) b) to e).		
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