

Passive House Verification

Photo or Drawing		Building: Little Mountain Co-housing	
		Street: 5007 Quebec street	
		Postcode/City: V5W 2N3 Vancouver	
		Province/Country: BC CA-Canada	
		Building type: Residential	
		Climate data set: CA0003d-Vancouver	
		Climate zone: 3: Cool-temperate Altitude of location: 77 m	
Architecture: Cornerstone Architecture		Home owner / Client:	
Street: 408- 611 Alexander Street		Street:	
Postcode/City: V6A 1E1 Vancouver		Postcode/City:	
Province/Country: BC CA-Canada		Province/Country:	
Energy consultancy:		Mechanical engineer:	
Street:		Street:	
Postcode/City:		Postcode/City:	
Province/Country:		Province/Country:	
		Certification:	
		Street:	
		Postcode/City:	
		Province/Country:	
Year of construction: 2017	Interior temperature winter [°C]: 20.0	Interior temp. summer [°C]: 25.0	
No. of dwelling units: 30	Internal heat gains (IHG) heating case [W/m ²]: 2.8	IHG cooling case [W/m ²]: 2.9	
No. of occupants: 55.3	Specific capacity [Wh/K per m ² TFA]: 60	Mechanical cooling:	

Specific building characteristics with reference to the treated floor area				Criteria		Alternative criteria		Fulfilled? ²
Space heating	Treated floor area m ²	2110.6		15	-			yes
	Heating demand kWh/(m ² a)	11	≤	-	10			
	Heating load W/m ²	10	≤					
Space cooling	Cooling & dehum. demand kWh/(m ² a)	-	≤	-	-			-
	Cooling load W/m ²	-	≤	-	-			
	Frequency of overheating (> 25 °C) %	1	≤	10				yes
	Frequency of excessively high humidity (> 12 g/kg) %	0	≤	20				yes
Airtightness	Pressurization test result n ₅₀ 1/h	0.6	≤	0.6				yes
Non-renewable Primary Energy (PE)	PE demand kWh/(m ² a)	98	≤	120				yes
Primary Energy Renewable (PER)	PER demand kWh/(m ² a)	51	≤	-	-			-
	Generation of renewable energy (in relation to pro-jected building footprint area) kWh/(m ² a)	0	≥	-	-			

² Empty field: Data missing; '-': No requirement

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

Task: _____ First name: **Nourhan** Surname: **Al Kurdi** Passive House Classic? **yes**

Issued on: _____ City: _____ Signature: _____

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