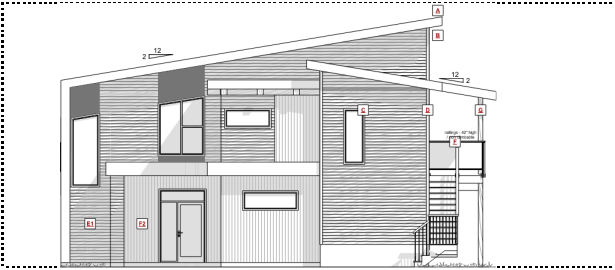


Passive House Verification



Architecture: Java Designs
 Street: _____
 Postcode/City: _____
 Province/Country: _____

Energy consultancy: Bernhardt Contracting Ltd
 Street: 1535 Oak Crest Dr
 Postcode/City: Victoria
 Province/Country: BC Canada

Year of construction: 2020
 No. of dwelling units: 2
 No. of occupants: 5.3

Building: Orah Homes
 Street: 2552 Steve Ellis
 Postcode/City: Nanimo
 Province/Country: BC CA-Canada

Building type: Single Family
 Climate data set: ud-01-CA0065a-Nanaimo
 Climate zone: 3: Cool-temperate Altitude of location: 90 m

Home owner / Client: Mike Leggett Orah Homes
 Street: _____
 Postcode/City: _____
 Province/Country: _____

Mechanical system: NA
 Street: _____
 Postcode/City: _____
 Province/Country: _____

Certification: Robert Ryan
 Street: _____
 Postcode/City: _____
 Province/Country: _____

Interior temperature winter [°C]: 20.0
 Interior temp. summer [°C]: 25.0
 Internal heat gains (IHG) heating case [W/m²]: 2.5
 IHG cooling case [W/m²]: 2.5
 Specific capacity [Wh/K per m² TFA]: 60
 Mechanical cooling: _____

Specific building characteristics with reference to the treated floor area

	Treated floor area m²		Criteria	Alternative criteria	Fulfilled? ²
Space heating	Heating demand kWh/(m²a)	235.2	15	-	yes
	Heating load W/m²	11	-	10	yes
Space cooling	Cooling & dehum. demand kWh/(m²a)	-	-	-	-
	Cooling load W/m²	-	-	-	-
	Frequency of overheating (> 25 °C) %	2	10	-	yes
	Frequency 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/(m²a)	123	-	-	-
Primary Energy Renewable (PER)	PER demand kWh/(m²a)	58	60	60	yes
	Generation of renewable energy kWh/(m²a)	0	-	-	yes

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: _____ Surname: _____
 Issued on: _____ City: _____

Passive House Classic? **yes**
 Signature: _____