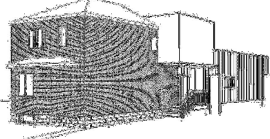


## EnerPHit Verification

Photo or Drawing



**Building:** **Sammon Passive House**

Street: **51 Sammon Ave**

Postcode/City: **M4J 1Y7 Toronto**

Province/Country: **Ontario Canada**

Building type: **Detach House**

Climate data set: **CA0001b-Toronto**

Climate zone: **3: Cool-temperate** Altitude of location: **118 m**

**Home owner / Client:** **Tracy Johnson and Kevin McCanny**

Street: \_\_\_\_\_

Postcode/City: \_\_\_\_\_

Province/Country: \_\_\_\_\_

**Mechanical engineer:**

Street: \_\_\_\_\_

Postcode/City: \_\_\_\_\_

Province/Country: \_\_\_\_\_

**Certification:**

Street: \_\_\_\_\_

Postcode/City: \_\_\_\_\_

Province/Country: \_\_\_\_\_

**Architecture:** **Coolearth Architecture Inc**

Street: **385 Pacific Ave**

Postcode/City: **M6P 2R1 Toronto**

Province/Country: **Ontario Canada**

**Energy consultancy:** **Coolearth Architecture Inc.**

Street: \_\_\_\_\_

Postcode/City: \_\_\_\_\_

Province/Country: \_\_\_\_\_

Year of construction: **2018**

No. of dwelling units: **1**

No. of occupants: **3.0**

Interior temperature winter [°C]: **20.0**

Interior temperature summer [°C]: **25.0**

Internal heat gains (IHG) heating case [W/m²]: **2.4**

IHG cooling case [W/m²]: **3.1**

Specific capacity [Wh/K per m² TFA]: **60**

Mechanical cooling: **x**

The PHPP has not been filled completely, it is not valid as verification

Specific building characteristics with reference to the treated floor area		Alternative criteria		Fulfilled?²
<b>Space heating</b>	Treated floor area m²	176.6		
	Heating demand kWh/(m²a)	21	≤ 25	yes
	Heating load W/m²	15	≤ -	yes
<b>Space cooling</b>	Cooling & dehum. demand kWh/(m²a)	9	≤ 15	yes
	Cooling load W/m²	8	≤ -	yes
	Frequency of overheating (> 25 °C) %	-	≤ 10	-
	Frequency of excessively high humidity (> 12 g/kg) %	0	≤ -	yes
<b>Airtightness</b>	Pressurization test result n <sub>50</sub> 1/h	1.0	≤ 1.0	yes
<b>Non-renewable Primary Energy (PE)</b>	PE demand kWh/(m²a)	140	≤ -	-
	PER demand kWh/(m²a)	66	≤ 68	-
<b>Primary Energy Renewable (PER)</b>	Generation of renewable energy (in relation to pro-jected kWh/(m²a) building footprint area)	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.

**EnerPHit Classic?** yes

Task: \_\_\_\_\_ First name: \_\_\_\_\_ Surname: \_\_\_\_\_

Issued on: \_\_\_\_\_ City: \_\_\_\_\_

Building energy standard: **2-EnerPHit**

Class: **1-Classical**

Verification of primary energy: **2-PER (renewable)**

EnerPHit verification method: **2-Energy demand method**

New building / Retrofit: **2-Retrofit**

Error(s):

Cooling systems are not sufficient

Calculation electricity / Internal heat gains

Building type: **1-Residential building**

**Internal heat gains**

Utilisation pattern: **10-Dwelling**

Values: **2-Standard**

**Occupancy**

**1-Standard (only for residential buildings)**

Selected climate: **CA0001b-Toronto**

**1-PE factors (non-renewable) PHI Certification**

(Selected primary energy factors for calculation of PE demand)