Energy Modeling Report

WO# **1058**

For: **TEKloch Homes**

ERS # **7948 - 81684**
921 Rosefinch Pl
Langford **B.C.**

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HOUSE SPECIFICATIONS	Orientation:	South	Floor Area:	AG	1,749	ft^2	Fenestration/ Wall
	Volume:	15,655 ft^3		BG	0	ft^2	Area: 8.5%

ROOFS/CEILINGS

Attic/Scssr: 2x4 @ 24" OC, R40 Batt/Blown

WALLS ABOVE GRADE

2x6 @ 16" OC, R20 Batt, Rainscreen

2x6 @ 16" OC, R20 Batt, Gypsum

RIM JOISTS/LINTELS

Rim Joist: R20, Rainscreen

Lintels: Double with R12

EXPOSED FLOORS

2x10 @ 16" OC, R28

WALLS BELOW GRADE

8" Concrete, 2x4 @ 16" OC, R12 Batt

SLABS

4" Concrete, 2.5" XPS 3.3' Perimeter

WINDOWS/GLAZED DOORS

Double Pane, Vinyl Frame - Pic: USI=1.48, SHGC=0.33

Double Pane, Vinyl Frame - Sld: USI=1.59, SHGC=0.30

Double Pane, Vinyl Frame - Patio: USI=1.53, SHGC=0.31

DOORS

Fiberglass with Medium Density Spray Foam Core

SPACE HEATING

Main House: Air Source Heat Pump - minisplit ductless

- outdoor unit: Samsung, AJ024BXJ3CH

- indoor unit: AR18CSFCMWKN, AR09CSFCMWKN

Suite: Air Source Heat Pump - minisplit ductless

- outdoor unit: Samsung, AR09CSFCMWKX

- indoor unit: AR09CSFCMWKN

Electric Baseboard

NG Fireplace - WSL, B36NTRE

DOMESTIC HOT WATER

NG instantaneous, condensing - Navien, NPE-240S2(NG)

located in garage

VENTILATION

Supply fan/with ASHP, dedicated exhaust fan

BCBC min. air-flow rate: 74 cfm

NOTES

Assemblies are as described on Data Collection Form above, not as indicated on markups.

House with secondary suite located on the lower floor. The suite is not accessible from the main house. 2-zone BDT performed.

Number of low flush toilets observed = 4