

Energy Modeling Report

WO# **1058**

For: TEKloch Homes	ERS # 7948 - 80564	by: Stuart Kidson
	917 Rosefinch Pl Langford B.C.	

HOUSE SPECIFICATIONS	Orientation:	South	Floor Area:	AG	2,018	ft ²	Fenestration/ Wall
	Volume:	18,090	ft ³	BG	0	ft ²	Area:
ROOFS/CEILINGS Attic/Scssr: 2x4 @ 24" OC, R40 Batt/Blown	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						
WALLS ABOVE GRADE 2x6 @ 16" OC, R20 Batt, Rainscreen 2x6 @ 16" OC, R20 Batt, Gypsum	DOORS Fiberglass with Medium Density Spray Foam Core						
RIM JOISTS/LINTELS Rim Joist: R20, Rainscreen Lintels: Double with R12	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						
EXPOSED FLOORS 2x10 @ 16" OC, R28 Batt	Electric Baseboard NG Fireplace - WSL, B36NTRE						
WALLS BELOW GRADE 8" Concrete, 2x4 @ 16" OC, R12 Batt	DOMESTIC HOT WATER NG instantaneous, condensing - Navien, NPE-240S2(NG) located in garage						
SLABS 4" Concrete, 2.5" XPS 3.3' Perimeter	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