

Energy Modeling Report

WO# **1058**

For: TEKloch Homes	ERS # 7948 - 81943	by: Stuart Kidson 250.886.3142 Stuart@enerlytics.ca
Att'n:	913 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 Suite: Air Source Heat Pump - minisplit ductless - outdoor unit: Samsung, AR09CSFCMWKX - indoor unit: AR09CSFCMWKN				
EXPOSED FLOORS 2x10 @ 16" OC, R28			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