

Energuid Rating System Pro Retrofit Assessment

N-FILE

File ID: 7974N23022 Advisor name: Ray Panke Date: APR 11, 2024 Time: 2:00 PM
 Prev ID: 7974P23022 Roll # TBD Paid: 2007 CC / Other Fee: _____

Client name: LANGDON WALK CONSTRUCTION LTD.
 House address: 1216 ASHMOLE TERRACE
 City and Prov.: LANGFORD BC
 Postal code: V9C-0S6
 Telephone: 250-913-0663
 Email address: adam@langdonwalk.com
 Mailing address: _____
 City and Prov.: _____
 Postal code: _____

Homeowner concerns:

Exterior siding: wood / stucco hardie / vinyl / other: _____
 Year 2024 Size 2612.28 sq ft Heat ASHY
 Storeys 2 Type: detached / row-end / row-mid

Vermiculite? No Maybe Yes, location: _____

Interior Dimensions	
	Foundation Main
Perim.	
Area	
Height	
Basement height abv grade	
Pony wall height	
Crawl space height abv grade	
Foundation attachment length	
Highest ceiling (incl skylight)	
Area	
Flat ceiling:	
Sloped ceiling:	
Exposed floor:	
Area above grade	<u>2612.28</u>
	<u>0</u> below grade

Ceiling	Type	Area	Framing	Insulation	*assumed default roof cavities
<p>VALUES AND CALCULATIONS AVAILABLE IN ACCOMPANYING BUILDING PLANS, PHOTOS, EXCEL DOC, AND SKETCHUP MODEL</p>					

Main Walls	Perimeter	Height	Corners	Framing	Insulation	*assumed @16°C	Interior	Exterior	Buffer
					//			//	

Exposed floor	Area	Insulation	buffer
	//	//	<input type="checkbox"/>
			<input type="checkbox"/>

Foundation Basement Slab-on-grade Crawl space... vented / closed / open... heated / unheated

Section	Perimeter	Height	Area	Type	Insulation
					//

SECONDARY DHW:
BRADFORD WHITE
RE250SB-1NCP1
39.14 IMP GALLON

7974N2302Z
3071021

Heating/cooling systems

Heating System: furnace / boiler / bsbrd / other

Fuel type: oil electricity gas other: _____

Eff. (AFUE / SS): 100% DC motor: yes / no

Flue: Chimney / Through the wall Flue dia: _____ in / cm

Make: _____ Model: _____

Electronic thermostats: yes / no

Cooling System: yes/no

DHW system

Fuel: elec / gas / oil

Type: tank / tankless

Pilot: no

Tank Size: _____

Location: MMN

EF: 0.95 UEF

Make: NAVIEN

M/N: NPE240A2

Insulated: yes/no

Co-vented? yes/no

SDHW inst. yes / no

Make: _____

Model: _____

Ventilation system

Type: _____

Supply: _____ Ls/cfm

Exhaust: _____ Ls/cfm

HVI Sec. 3 certified: yes / no

Make: _____

Model: _____

Eff. @ 0 deg: _____

Eff. @ -25 deg: _____

Supplementary fans

location	number
bath	///
kitch	///
dryer	1
other	

Heat Pump

Installed? yes / no Type: central ductless

Out m/n: 4MXS36WVVJ09 In m/n: FDMA18WVVJ09 (x2)

Capacity (btu/h): 34400 HSPF: 9.2 SEER: 15.57

12 OUTLETS TOTAL

Supplementary heat 1

wood / n. gas / propane / other open fp / fp w doors / fp insert / stove / other

Eff % 62.8 Model: NAPOLEON Photos:

Supplementary heat 2

wood / n. gas / propane / other open fp / fp w doors / fp insert / stove / other

Eff % _____ Model: _____

Water conservation

of toilets present: /// # of low-flush: ///

Drain water heat recovery

Number present if installed: _____ Efficiency: _____

Photos:

Blower Door Test photo

Make/Model of fan: Minnpls 3 Test Method: As Operated Damper closed? yes / no

House (Pa)	Fan (Pa)	Zone (Pa)	Ring
-0.8	initial	-	N/A
1 -14.5	23.9	-	O A (B)
2 -18.9	35.1	-	O A (B)
3 -25.7	54.2	-	O A (B)
4 -30.6	69.5	-	O A (B)
5 -34.9	82.8	-	O A (B)
6 -39.9	101.9	-	O A (B)
7 -43.6	112.8	-	O A (B)
8 -48.4	126.5	-	O A (B)
-1.1	final		N/A

Zone (Pa)	Fan (Pa)	House	Ring
-	initial	-	N/A
-		-	O A B
-		-	O A B
-		-	O A B
-		-	O A B
-		-	O A B
-		-	O A B
-		-	O A B
-		-	O A B
-	final		N/A

Exhaust devices depressurization

Performed? yes / no

If no, why not? my SEALED DEVICES

Initial: _____ Pa

Final: _____ Pa

Depressurization: _____ Pa

Location of blower door: FRONT DOOR

House volume: 22750.04 ft³

Int. temp: 68 °F

Ext. temp: 49 °F

Prioritized Air Leakage Checklist

H M L

H	M	L	Description
			Windows
			Electrical boxes on interior walls
			At least one light fixture in the upper level ceiling
			Electrical boxes on exterior walls
			Sill and header along foundation perimeter
			Fireplace
			All upper level ceiling penetrations, if vermiculite
			All openings and penetrations in ext. walls, if vermiculite

H	M	L	Description
			Attached garage door
			Attic hatch
			Bathroom fans
			Exterior doors

