

## **Energy Efficiency Design Summary: Prescriptive Method**

(Building Code Part 9, Residential)

This form is used by a designer to demonstrate that the energy efficiency design of a house complies with the building code using the prescriptive method described in Subsection 3.1.1. of SB-12. This form is applicable where the ratio of gross area of windows/sidelights/skylights/glazing in doors and sliding glass doors to the gross area of peripheral walls is not more than 22%.

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Application No:				Model/	Certification Number				
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A. Project Informatio	The second second second					Unit numbe	er .	LovCon	V-
1931 Cessna Private			te					2-08	
Municipality		Postal	code	Reg. Pl	an number / other descri	ption			
West Carleton									
B. Prescriptive Co	mplianc	e [indicate the	building code co	ompliance	package being emp	loyed in this	house de	sign]	
SB-12 Prescriptive (inp			Package:	A1	Tab	le: <u>3.1.</u> 2	L.2.A	_ (IP)	MAGMILLANDANIS OF
C. Project Design Co	nditions				I 6	F 10			
Climatic Zone (SB-1):	(0)		quipment Effi	ciency	Space Heating			n Solid Eur	al established
⊠ Zone 1 (< 5000 degree day □ Zone 2 (≥ 5000 degree day	■ ≥ 92% AFUE □ ≥ 84% < 92% AFUE		Y	⊠ Gas □ Propane □ Cil □ □ Electric			□ Solid Fuel □ Earth Energy		
Ratio (4475.25+101.70=45	- 0 0			5.89%	Other Building				9)
4475.25+101.70=45	576.95 sq	. ft.	17	30/0	□ Log/Post&Bea			rade □ ICF	Rasement
Area of walls =n	4475.25 ft²	Meso	3 % = 16.40	Park the state of the last	□ Slab-on-grour			of Ottawa	
1 1	72512	W,Oac	3 70 -	2.0	□ Air ¢onditionii	177	100	g Services Bran	
	734.24	Utilize window	v averaging:	Yeş □No	☐ Air Sourced H	7 10	DEL/JEWE	6	
Area of W, S & G =m² o	rft²				☐ Ground Source	ed Heat F	REVIEWE By Francisca Bu	U tterworth at 9:00 am, Aug :	30, 2021
D. Building Specifica	tions (pro	ovide values a	nd ratings of the	energy ef	ficiency components	proposed]			
		/		3,			Buildin	g Code Reviewe	ed l
REVISED WALL ARE	EA - SEI	PT 10/21					Dandin	g code i conorre	
								4/1/2	Cartestan
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RAISED USF 6" FOR EXPOSURE.	RINCRE	ASED W	ALL stems	(3.1.1.2.(	(7) / 3.1.1.3.(7))		FX	Stopping 11 TED WAT	_
EXPOSURE.	RINCRE	ASED W	ALL stems	(3.1.1.2.(	(7) / 3.1.1.3.(7))		F.B	Mayande WITERWORT	H —
EXPOSURE. (SEE GRADE PLAN)		ASED W	stems	(3.1.1.2.(		itted Substi		standarde UTERWORT	H —
EXPOSURE. (SEE GRADE PLAN) Airtightness test required	L Table 3	4.D Ke	quirea.	(3.1.1.2.(	Permi		tution:	Storyande UTTERWORT	<u>-</u> ]
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EXPOSURE. (SEE GRADE PLAN)  Airtightness test required tefer to Design Guide Attached)  Building Component	□ Table 3	.1.1.4.B Reconstruction Reconstructi	quired:quired:	Windo	Permi Permi Permi Building Comp	itted Substi	tution: tution: tution: (1) or ER ra	Efficiency F	Ratings
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EXPOSURE. (SEE GRADE PLAN)  Airtightness test required Refer to Design Guide Attached)  Building Componer  Thermal Insulation  Ceiling with Attic Space  Ceiling without Attic Space	□ Table 3 □ Table 3	.1.1.4.B Reconstruction Reconstructi	quired: quired: SI / R values m U-Value <sup>(1)</sup>	Windo Windov Skyligh	Permi Permi Permi Building Comp ws & Doors Pro ws/Sliding Glass ats/Glazed Roofs	itted Substi itted Substi ponent ovide U-Value Doors	tution: tution: tution: (1) or ER ra	Efficiency Flating 4.25 By	Ratings
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