## 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%.

			For use by F	rincipal A	uthority				
Application No:	***			Model/	Certification Number	Maria e come	e vegte kalendat		
A. Project Informatio	n		e de la composition della comp		a arang yan di Ata-dia mara di San	de en de de la companya de la compa			
658 Miikana Road					Unit number			279	
Municipality 030 IVIIIKalla Road						an number / other description			
Gloucester	4M-1								
B. Prescriptive Co	mplianc	e [indicate the	building code c	ompliance					
SB-12 Prescriptive (inp	Package: A1 Table: 3.1.1.2.A(IP)								
C. Project Design Co	nditions				T				
	Climatic Zone (SB-1):		Heating Equipment Efficiency			Space Heating Fuel Source			
■ Zone 1 (< 5000 degree days)		■ ≥ 92% AFUE			■ Gas	□ Propane	□ Solid Fuel		
	□ Zone 2 (≥ 5000 degree days)		□ ≥ 84% < 92% AFUE			□ Oil □ Electric □ Earth Energy			
Ratio of Windows, Skylights & Glass (W, S & G) to Wall Area  Other Building Characteria									
Area of walls = $m^2 \text{ or } 3858 \text{ ft}^2$		W, S & G % = 13.8			□ Log/Post&Beam □ ICF Above Grade □ ICF Basement □ Slab-on-ground □ Walkout Basement □ Air Conditioning □ Combo Unit □ Air Sourced Heat Burgs (ASHB)				
Area of W, S & G =m^2 o	Utilize window averaging: □Yes ■No					City of Ottaw Building Services Bran			
D. Building Specifica	tions [pr	ovide values ar	nd ratings of the	energy ef	ficiency components	proposed]		REVIEWED  By D.Bordage at 10:21 am, Sep 23	
Energy Efficiency Substitutions  Bujlding Code Revi									
□ ICF (3.1.1.2.(5) & (6) / 3.1.	1.3.(5) & (	(6))						Mars 3	
☐ Combined space heating a			tina systems	(3.1.1.2.(	7) / 3.1.1.3.(7))			Signature	
			<u> </u>		, , , , , , , , , , , , , , , , , , ,			D. BORDAGET	
☐ Airtightness substitution(s)		3.1.1.4.B Required: Permitted Substitution:							
Airtightness test required									
(Refer to Design Guide Attached) □ Table		3.1.1.4.C Required:			Permitted Substitution:				
		Red	quired:		Permitted Substitution:				
Building Component		Minimum RSI / R values or Maximum U-Value <sup>(1)</sup>		Building Component		Efficiency Ratings			
Thermal Insulation		Nominal	Effective	Windo	/indows & Doors Provide U-Value <sup>(1)</sup> or E		ER rating		
Ceiling with Attic Space		R60		Windows/Sliding Glass Doors		25			
Ceiling without Attic Space		R31		Skylights/Glazed Roofs		0.49			
Exposed Floor		R31		Mechanicals					
Walls Above Grade		R22		Heating Equip.(AFUE)		96%			
Basement Walls			R21.12	HRV Efficiency (SRE% at 0°C)		75%			
Slab (all >600mm below grade)				DHW Heater (EF)		0.8			
Slab (edge only ≤600mm below grade)		R10		DWHR (CSA B55.1 (min. 42% efficiency))		12% efficiency))		# Showers	
Slab (all ≤600mm below grade, or heated)		R10		Combined Heating System		NO			
(1) U value to be provided in eith  E. Designer(s) [name(s)				viding info	rmation herein to sub	estantiate that design	an meets th	e building codel	
Qualified Designer Declarati									
	ici to nave lev	BCIN		ioi trio dobigii we	Signature	1	1		
Name						1/1/1	XIII	1)	
Catherine Buck			46674	1	MIN	Al			