## 16

## Energy Efficiency Design Summary

<b>Utawa</b>				Supp	(Part 9 Residential) lementary Standard SB-12	
This form is to be completed and sign project. Information on completing				ity for the ene	ergy efficiency design of the	
	und tomit to com		rincipal Authority			
Application No.			Model/Certification Number:			
<u>-</u>			: 50-1 2009 B (07032)			
Building Number, Street Name	'5 H	1125	MUE DO	Unit Number	1 10 1	
Municipality Ottawa Postal Code		Code	Reg. Plan Number / Other Description		ember / Other Description	
B. Compliance Option						
SB-12 Prescriptive [SB-12	2 - 2.1.1.]	Table: 2.1	.1.2A Package	e: <u>1</u>		
SB-12 Performance* [SB-12 - 2.1,2.] * A		* Attach ener	ch energy performance calculations using an approved software			
<del></del>		* Attach BOF	ch BOP form. House must be labeled on completion by Energy Star			
			must be evaluated by NRCan advisor and meet a rating of 80			
C. Project Design Condition	ns					
	<del>- 1. 1. 11. 11. 11.</del>	<del></del>				
Climatic Zone (SB-1)	Heating Equipm			Space Heating Fuel Source		
Zone 1 (< 5000 degree days)  Zone 2 (≥ 5000 degree days)	≥ 90% AF	OS AFUE	Gas Dil	Propane Solid Fuel Electric Earth Energy		
Windows + Skylights + Glass Doors			Other Building Conditions			
Gross Wall Area = 246.52 m <sup>2</sup>	<u> </u>	15 21	☐ ICF Basement	ent   Walkout Basement   Log / Post		
Gross Window+ Area = 37.49 m²	% Windows+ 15.21 %		☐ ICF Above Grade ☐ Slab on Grade			
	3					
D. Building Specifications	. I	<del></del>				
D. Building Specifications  Building Component	RSI / R v		Building Compo	nent	Efficiency Ratings	
Building Component Thermal Insulation	RSI/R v	V	Vindows & Doors <sup>1</sup>		Efficiency Ratings	
Building Component  Thermal Insulation Celling with Attic Space	8.81	V	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass D		Efficiency Ratings	
Building Component Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space	8.81 5.46	V   V   S	<b>Vindows &amp; Doors<sup>1</sup></b> Vindows/Sliding Glass E Skylights			
Building Component Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor	8.81 5.46 5.46	V V S	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass E Skylights Jechanicals		1.8	
Building Component Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade	8.81 5.46 5.46 3.87	V V S S N S	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass E Skylights Mechanicals Space Heating Equip. <sup>2</sup>		1.8	
Building Component Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade Basement Walls	8.81 5.46 5.46 3.87 3.52	V V S S N S F F	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass E Skylights Vechanicals Space Heating Equip. <sup>2</sup> HRV Efficiency (%)		1.8 92% 60%	
Building Component  Thermal Insulation  Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade Basement Walls Slab (all >600mm below grade) Slab (edge only ≤600mm below	8.81 5.46 5.46 3.87	V V S S N S S F E E N N	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass E Skylights Mechanicals Space Heating Equip. <sup>2</sup> HRV Efficiency (%) DHW Heater (EF) OTES	Doors	92% 60% 0.62	
Building Component  Thermal Insulation  Celling with Attic Space Celling without Attic Space Exposed Floor Walls Above Grade Basement Walls Slab (all >600mm below grade) Slab (edge only ≤600mm below grade) Slab (all ≤600mm below grade, or	8.81 5.46 5.46 3.87 3.52	V V S S N S S F F C N N 1	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass E Skylights Mechanicals Space Heating Equip. <sup>2</sup> HRV Efficiency (%) DHW Heater (EF) OTES 1. Provide U-Value in We	m2.K, or ER	92% 60% 0.62	
Building Component  Thermal Insulation  Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade Basement Walls Slab (all >600mm below grade) Slab (edge only ≤600mm below grade)	8.81 5.46 5.46 3.87 3.52 - 1.76 1.76 rification [cor	V V S S N S S F E E N 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Vindows & Doors <sup>1</sup> Vindows/Sliding Glass Dekylights Rechanicals Space Heating Equip. <sup>2</sup> IRV Efficiency (%) DHW Heater (EF) OTES 1. Provide U-Value in W. 2. Provide AFUE or indice	/m2.K, or ER	1.8  92% 60% 0.62  rating sing type combined system used	
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