



Building Inspection  
 Inspection des bâtiments  
 655 Main Street  
 Moncton, NB E1C 1E8

# ENERGY EFFICIENCY DESIGN SUBMITTAL PERFORMANCE PATH BUILDING WITH HEAT RECOVERY VENTILATION SYSTEM

Form: 31E

### 1. Project Details

Address	
Building Type	

### 2. Design Details

Software Name and version	
Climatic Data Referenced	
Name of Energy Advisor	
Certification Number	

**PERFORMANCE PATH – Compliant with Section 9.36 of the 2010 National Building Code of Canada**

Building Component	Proposed Building	Reference Building	Required
<b>3. Building Assemblies</b>	<b>Effective Thermal Resistance</b>	<b>Effective Thermal Resistance</b>	<b>Min. RSI or R Value</b>
Ceilings Below Attic Spaces			8.67 RSI (R50)
Ceilings Without Attic Spaces			4.67 RSI (R27)
Walls Above Grade			2.97 RSI (R17)
Joist Cavity at Rim Joist			2.97 RSI (R17)
Joist Cavity at End Joist			2.97 RSI (R17)
Foundation Walls			2.98 RSI (R17)
Basement Slab if Above Frost Line			1.96 RSI (R11)
Basement Slab if Heated			2.32 RSI (R13)
Exposed Floors			4.67 RSI (R27)
<b>List other assemblies below</b>			

4. Windows, Doors and Skylights	Max. U	Min. ER
Thermal Performance of Windows	1.60	25
Thermal Performance of Doors	1.60	25
Thermal Performance of Skylights	2.70	–

5. Ventilation System	Efficiency
Efficiency at 0°C	60%
Efficiency at -25°C	55%

6. Heating and Cooling System	Efficiency
System Type	–
Power Supply Type	–
Efficiency	Refer to NBC

7. Water Heating System	Efficiency
System Type	–
Power Supply Type	–
Efficiency	Refer to NBC

- 8. Required Supplementary Documents**
- |   |  |
|---|--|
| <input type="checkbox"/> Proposed Building Report   | <input type="checkbox"/> Size and thermal performance information on windows, doors and skylights      |
| <input type="checkbox"/> Reference Building Report  | <input type="checkbox"/> Specification sheet showing equipment performances for ventilation system     |
| <input type="checkbox"/> Calculations of assemblies | <input type="checkbox"/> Specification sheet showing equipment performances for heating/cooling system |
|   | <input type="checkbox"/> Specification sheet showing equipment performances for water heating system   |

The calculations for the performance and reference buildings were completed in accordance with Subsection 9.36.5 of the 2010 National Building Code of Canada.

Energy Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Provide any additional details on separate pages and attach to this form.