



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

ENERGY EFFICIENCY DESIGN SUBMITTAL PRESCRIPTIVE PATH

BUILDING WITH HEAT RECOVERY VENTILATION SYSTEM

Form: 30E	Climate Zone: Zone 6
Building Type:	

Address:

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

1. Effective Thermal Resistance of Building Assemblies

Type of Assembly*	Reference Number from Pre-calculated Building Assemblies (optional)**	As Per Plans(✓)***	Proposed RSI-Value	Min. Required RSI-Value
Ceiling Below Attic Space				8.67 (R50)
Ceiling Without Attic Space				4.67 (R27)
Walls Above Grade				2.97 (R17)
Joist Cavity at Rim Joist				2.97 (R17)
Joist Cavity at End Joist				2.97 (R17)
Foundation Walls				2.98 (R17)
Basement Slab if Above Frost Line				1.96 (R11)
Basement Slab if Heated				2.32 (R13)
List other assemblies below****				

*Each building assembly shall be detailed on the submitted plans through cross sections.

** Refer to http://www.moncton.ca/Government/Departments/Building_Inspection/Pre-Calculated_Building_Assemblies.htm for the City of Moncton's pre-calculated assemblies or list and attach assemblies from other organizations.

***If assemblies are not chosen from a pre-calculated list, assembly calculations shall be shown on the plans.

****Building envelope assemblies that have different materials than the main assemblies shall be listed.
 (example: wall and joist cavity between house and garage)

2. Windows, Doors and Skylights

Shop drawings or detailed information shall be submitted for all windows, doors and skylights. The document shall include the overall thermal transmittance (U-Value) or the Energy Rating (ER).

Windows and Doors : maximum thermal transmittance (U-Value) of 1.60 or minimum Energy Rating of 25

Skylights : maximum thermal transmittance (U-Value) of 2.70

3. Ventilation System

Unit Details	Manufacturer:	Model:
Provide specification sheet showing equipment performance		

4. Heating and Cooling System

Primary System Type	<input type="checkbox"/> Furnace	<input type="checkbox"/> Boiler	<input type="checkbox"/> Oil	<input type="checkbox"/> Gas	<input type="checkbox"/> Pellet	<input type="checkbox"/> Electric
	<input type="checkbox"/> Air Source Heat Pump	<input type="checkbox"/> Ground Source Heat Pump	<input type="checkbox"/> Electric Baseboard			
	<input type="checkbox"/> Other, specify:					

Unit Details	Manufacturer:	Model:
Provide specification sheet showing equipment performance		

Supplementary System	Type:	Manufacturer:	Model:
Provide specification sheet showing equipment performance			

5. Water Heating System

System Type	<input type="checkbox"/> Conserver	<input type="checkbox"/> Condensing	<input type="checkbox"/> Instantaneous
	<input type="checkbox"/> Solar	<input type="checkbox"/> Indirect Fired	<input type="checkbox"/> Desuperheater

Unit Details	Manufacturer:	Model:
Provide specification sheet showing equipment performance		

6. Additional Information

Tradeoffs	<input type="checkbox"/> No	<input type="checkbox"/> Yes; provide documentation showing conformance to 9.36.2.11.
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Note: If any materials or equipment detailed on this page is changed, the building inspector is to be notified prior to their installation.

Permit Applicant, Printed Name: _____ Signature: _____