

Planning & Design

	-				Division B Section 9.36 Compliance r guidance in completing this form.						
Project Name:											
Project Address:											
Applicant:				Building Permit Number (completed internally)							
Applicant Address:											
Building Information											
Information provided below sets the buildings geometry to establish compliance with the NBC 2019-AE Division B Section 9.36											
(Climate Zone (HDD): Building Area (m²):										
Please check the appropriate box to indicate your chosen compliance path (select only one)											
PRESCRIPT	IVE	TRAD	DE-OFF		PERFORMANCE						
SUBMIT TH	E FOLLOWING INFO	RMATION WITH YOU	R APPLICA	ATION	BASED ON THE COMPLIANCE PATH CHOSEN						
All Compliance Paths											
· Identify on the plans any/all assemblies containing heating pipes, cables, or membranes. · Indicate if a Heat Recovery Ventilator is proposed and, if it is proposed, note the type and efficiency. · Indicate effective Rsi values for all assemblies of the building envelope, both above and below ground (e.g. walls, floors, roofs, windows and doors). · Provide the calculations used to determine the effective Rsi values (hand calculations or from a software program). · Indicate the air barrier system being proposed. · Indicate the type and equipment efficiency of the HVAC system components. Include dampers on intakes and outlets where required. · Note the type and equipment efficiency of the Service Hot Water system components. · Note if Hot Water recirculation is proposed, and the thickness and extent of pipe insulation in the Service Hot Water system. Provide the following architectural details indicating continuity of insulation and air barrier: Attic hatch, eaves/top of wall, upper floor rim joist, top of basement wall/main floor junction, slab/footing junction, cantilever, bonus room floor over attached garage including ducts, typical outlet box detail, typical window/door jamb. And, if applicable: Party wall meeting outside wall, electric meter/vent pipe/duct in insulated wall, skylight shaft walls, slab edges in walkouts & heated slabs, masonry chimneys and fireplaces.											
Trade Off Compliance Path											
carried out for above g	round assemblies.		·		ordance with 9.36.2.11, must be submitted for any trade-off						
The areas of assemblies used in the calculation shall be clearly identified on the drawings.											



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Performance Compliance Path (residential occupancies)												
Information provided below sets the input parameters for the energy simulation used to demonstrate compliance with NBC 2019-AE Division B Section 9.36 via the performance compliance path.												
Reference Model				Proposed Model								
Which direction does the front of the house face as modelled (N, NE, E, SE, S, SW, W, NW):												
Airtightness (ACH @ 50Pa)		2.5	А	irtightness (ACH @ 50)	Pa) 3	.2	2.5	other:				
Solar Heat Gain Co-efficient Glazing (SHGC)		0.26		Solar Heat Gain	Co-effi	icient	Glazing (SHGC):				
Thermal Mass (MJ/m²°C)		0.06		Thermal Mass (MJ/m²°C):								
Solar Absorbance		0.4		Solar Absorbance:								
FDWR (%) 17												
Area of Fenestration N	North Elevation (m²):			Area of Fen								
Area of Fenestration S			Area of Fene									
Area of Fenestration			Area of Fe									
Area of Fenestration			Area of Fen									
HVAC Sy				ncy (%):								
HVAC Sy				ency (%):								
Space Cooling Equip			Space Coo	ncy (%):								
Service Water H			Service									
Service Water H	eater Efficiency (%):			Service	ency (%):							
\	Ventilation Rate (l/s):					Ve	ntilation F	Rate (I/s):				
NOTE : If the ACH rate entered above for the proposed house is less than 2.5ACH a blower door test will be required prior to occupancy. A note to this effect shall be placed on the drawings.												
		F	Perfor	mance Data Summar	/							
Targ		Calculated Energy Use (proposed)										
Software												
Software Title:		Version:										
Software Adaptations Made:												
Please attach the full modelling report generated by an ANSI/ASHRAE 140 compliant software package to this form. Failure to submit the complete report will result in your application being placed on hold.												
Declaration												
Please indicate th	ne person responsible	for preparing t	the cal	culations used to show	compli	iance	with NBC	2019-AE	Division B Section 9.36			
Name:	Name:											
Representing Firm:												
Contact Information:	email:		tel:									
Address:												
I hereby certify that accordance with ope		Signature										
Nothing in this form, or the attached calculations, shall preclude the Safety Codes Officer reviewing this file and requesting an appropriate professional to stamp and sign the submission.												