McKillop No. 220

Bulyea SK \$0G 0L0 Bulyea SK \$0G 0L0 Email: rm220devofficer@rm220.ca

# PERMIT RMMK-24-\_\_\_ **APPLICATION FOR DEVELOPMENT PERMIT**

1)	Applicant (Mus	st be registered own	er):		
	Registered Own	ner			
	Mailing Addres	s			
	Telephone Nun	nber	Email		
2)		or Legal or Land Loca	ation <b>):</b>		
	Lot	Blk	Plan		
	Part	Section	Township	Range	W2
	Certificate of T	itle No	Date		
3)	Lot Size:				
	Dimensions		Area		
4)	Existing Land U	Jse:			

5) Proposed Land Use/Description of Proposed Development:

#### 6) DOCUMENTS TO INCLUDE FOR ALL DEVELOPMENT APPLICATIONS

- a) Site Plan showing the following:
  - i) Site dimensions & shape, side yard, front yard & rear yard setbacks.
  - ii) Location, size and use of all existing and proposed buildings or structures & easements dimensioned to the site lines.
  - iii) Distance between Principal and Accessory Building.
- b) Site topography and special site conditions (which may require a contour map) including ponds, streams, other drainage runs, culverts, ditches, and any other drainage features.
- c) The location and size of trees and other vegetation, especially natural vegetation, street trees, and mature growth.
- d) Proposed on-site and off-site services.

7) TIMELINE

e) A Geo-Tech Report provided by an Engineer.

	a) Start Date:
	b) Estimated Completion Date:
8)	Other Information
9)	Mobile Homes: C.S.A. Z240 Approval Number
10)	Modular/RTM: C.S.A. Z277 Approval Number

11) Park Model Home: C.S.A. Z241 Approval Number \_\_\_\_\_\_

12) Modular date of Manufacture

Bulyea SK S0G 0L0 Bulyea SK S0G 0L0

**Development Officer** Telephone: 306-725-3258 Email: rm220devofficer@rm220.ca

13) DECLARATION OF A	APPLICANT		
l,	of the	of	
In the Province of	, do Sc	olemnly declare that the above st	atements contained
within the Application a	re true, and I make this	s solemn declaration conscientiou	usly believing it to be
true and knowing that it	is of the same force ar	nd effect as if made under oath, a	and by virtue of "The
Canada Evidence Act".			
I agree to indemnify and	hold harmless the Rui	ral Municipality of McKillop from	and against any claims,
demands, liabilities, co	sts, and damages rela	nted to the development under	taken pursuant to this
application.			
Date	<del></del>	Property Owner	

Office address: 103 Ashley Street P. O. Box 220

Mailing address: Bulyea SK S0G 0L0 Bulyea SK S0G 0L0 **Development Officer** Telephone: 306-725-3258 Email: rm220devofficer@rm220.ca

FOR M	IUNICIPAL OFFICE USE C	ONLY:				
RMMK	<b>-24</b>					
1.	Present Zoning:					
2.	Proposed Use(s):	•				
3.	Proposed Setbacks:	Front	Rear	Side 1	Side 2	
4.	Size of Building	Length	Width	Height		
5.	<b>Application Status:</b>	Meets Bylaw I	Requirement			
		•	t Bylaw Requirem			
Date				Developn	nent Officer	

Bulyea SK S0G 0L0 Bulyea SK S0G 0L0

**Development Officer** Telephone: 306-725-3258 Email: rm220devofficer@rm220.ca

# **FORM A - APPLICATION FOR BUILDING PERMIT**

Construct Alter	remit No.	. RMMK-24-
Reconstruct	Alt No.	
to the plans and downer):	locuments a	ttached to this application.
Email		
		Range W2
		_ Ivaligewv2
ate		
Width	He	eight
Width o	of stairways:	
Wi	idth of exits:	
l:		Size:
l:		
ıl:		Size:
ıl:		Size:
ıl:		Spacing:
l:		Spacing:
ıl:		Spacing:
ıl:		
r:		
ıl:		
;:		Plumbing:
ompliance with th	e Act, Regu	lations, NBC, NECB and the Bui
•		Professional Building Inspection
	-	
, 22223.		
	aarty Owns	
	· 	et any reasonable hour to cond



# Residential Permit Information Form (PIF)

Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112 office@pro-inspections.ca

	Musi	cinal Office	Hea Only		
Municipal		cipal Office	: USE UNITY	Б.	
Municipali Development Approve	·			Date:	DMM/ 04
Geotech Require				Number:	RMM <u>K-24-</u>
Municipal Offici			Permit Exp Si	gnature:	
<u>lr</u>	nformation Below	To Be Com	pleted By The A	pplican	<u>t</u>
	Co	ontact & Email			
Building Owner:			Home P	hone:	
Mailing Address:			Cell Ph	one:	
Email Address Owner:					
Contractor:			Busine	ess:	
Contact Person:			Cell Ph	one:	
Email Address Contractor	r:				
Signature:			Date	e:	
Building Code of Canada).					
* Note that owners should alv	ways include themselves				
Note that owners should alv	ways include themselves	on this form.  Jobsite Loca	ation		
•	ways include themselves		ation		
Note that owners should alv	ways include themselves		ation		
Note that owners should alw Civic Address:	Lot(s)		Plane No		
Note that owners should alv		Jobsite Loca			Meridian
Civic Address:  Legal Land Location:	Lot(s)	Jobsite Loca	Plane No		Meridian
Civic Address: Legal Land Location:  or:	Lot(s)	Jobsite Loca	Plane No		Meridian
Civic Address: Legal Land Location:  or:  Description:	Lot(s)	Jobsite Loca	Plane No Range		Meridian
Civic Address:  Legal Land Location:  or:  Description:  Subdivision / Landmark:	Lot(s)  Quarter Section	Jobsite Loca  Block  Township	Plane No Range		Meridian
Civic Address:  Legal Land Location:  or:  Description:  Subdivision / Landmark:	Lot(s)  Quarter Section  plus 1b), or just Section	Jobsite Loca  Block  Township  Project Det	Plane No Range		Meridian
Civic Address:  Legal Land Location:  or:  Description:  Subdivision / Landmark:  * Please fill in Sections 1a)  1a) Single Family Dwellin	Quarter Section    Description	Jobsite Loca  Block  Township  Project Det  On 2)  That Best Desc	Plane No Range ails cribes the Dwelling)	ome	
Civic Address:  Legal Land Location:  or:  Description:  Subdivision / Landmark:	Lot(s)  Quarter Section  plus 1b), or just Section	Jobsite Loca  Block  Township  Project Det	Plane No Range	ome	Meridian  Duplex Unit
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  * Please fill in Sections 1a)  1a) Single Family Dwellin  New Home	Quarter Section    Description	Project Det	Range  ails  ribes the Dwelling)  Modular H		□ Duplex Unit
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  * Please fill in Sections 1a)  1a) Single Family Dwellin  □ New Home  1b) Select Below ALL that  □ Basement	Quarter Section    Plus 1b), or just Section   Plus 1b, or just Section   RTM	Project Det	Range  ails  ribes the Dwelling)  Modular H  I with the plans submi  Attached Garage	tted to PBI □ Atta	□ Duplex Unit  I for Review: ached Garage
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  Please fill in Sections 1a)  1a) Single Family Dwellin  New Home  1b) Select Below ALL that	Quarter Section    Discription   Discription	Project Det	Range  ails  ribes the Dwelling)  Modular H	tted to PBI □ Atta	□ Duplex Unit
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  Please fill in Sections 1a)  1a) Single Family Dwelling  New Home  1b) Select Below ALL that Development  2) Residential Building	Quarter Section    Description	Jobsite Loca  Block  Township  Project Det  On 2)  That Best Desc  Post-Move  ND are included  See Required for Ease	Range  Range  ails  ribes the Dwelling)  Modular H  d with the plans submi  Attached Garage (Insulated)  ach Project type)	tted to PBI □ Atta (No	□ Duplex Unit  I for Review: ached Garage ot Insulated)
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  Please fill in Sections 1a)  1a) Single Family Dwellin  New Home  1b) Select Below ALL that  Basement Development	Quarter Section  Pollus 1b), or just Section  Compage (Select One Permit Types RTM  RTM  Deck	Jobsite Loca  Block  Township  Project Det  On 2)  That Best Desc  Post-Move  ND are included  See Required for Ease	Plane No  Range  ails  ribes the Dwelling)  □ Modular H  I with the plans submi  Attached Garage (Insulated)	tted to PBI □ Atta (No	□ Duplex Unit  I for Review: ached Garage
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  * Please fill in Sections 1a)  1a) Single Family Dwelling  New Home  1b) Select Below ALL that Development  2) Residential Building	Quarter Section    Description	Project Det On 2)  Township  Project Det On 2)  That Best Desc  Post-Move  ND are included  S Required for Ea	Range  Range  ails  ribes the Dwelling)  Modular H  d with the plans submi  Attached Garage (Insulated)  ach Project type)	tted to PBI  Atta (No	□ Duplex Unit  I for Review: ached Garage ot Insulated)  sement Development
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  * Please fill in Sections 1a)  1a) Single Family Dwellin  New Home  1b) Select Below ALL that  Basement Development  2) Residential Building  Addition	Quarter Section    Plus 1b), or just Section   General Section   Permit Type   RTM   RTM   Deck    Project (Separate Permit is   Attached Gara	Project Det On 2)  Township  Project Det On 2)  That Best Desc  Post-Move  ND are included  S Required for Ea	Range  ails  ribes the Dwelling)  Modular H  I with the plans submi  Attached Garage (Insulated)  ach Project type)  Deck	tted to PBI  Atta (No	□ Duplex Unit  I for Review: ached Garage ot Insulated)
Civic Address:  Legal Land Location:  Or:  Description:  Subdivision / Landmark:  Please fill in Sections 1a)  1a) Single Family Dwellin  New Home  1b) Select Below ALL that  Basement Development  2) Residential Building  Addition	Quarter Section    Plus 1b), or just Section   General Section   Permit Type   RTM   RTM   Deck    Project (Separate Permit is   Attached Gara	Project Det On 2)  Township  Project Det On 2)  That Best Desc Post-Move  ND are included  s Required for Ea	Range  ails  ribes the Dwelling)  Modular H  I with the plans submi  Attached Garage (Insulated)  ach Project type)  Deck	□ Atta (No	□ Duplex Unit  I for Review: ached Garage ot Insulated)  sement Development



# Residential Plan Review Checklist

Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112 office@pro-inspections.ca

#### **Project Information**

Municipality:				Permit No:RMMK-24										
Job Site Address: Project Type:														
Owner's Name:	Cell Phone:													
				Re	esid	lent	ial	Pro <sub>.</sub>	ject	Тур	эе			
REQUIRED for a Plan Review  Provide designs and required documents in PDF format as indicated by the unshaded boxes for the project (shaded box means not required).  A plan review must be completed by PBI before a building permit is issued.	Housing Unit	/ Post-Move	ctured) Home	g Space / Sec. Suite	uctural or egress)	lopment	or enclosed)	<b> e</b> (unheated)	c. Bldg. (unheated)	unheated)	(if collapse affects a structure)	olacement	(PV or Hot Water)	Storage only - no living space & unheated
E-mail plans and documents in PDF format to the <u>municipal office</u> .  Requirements may vary for unique or larger projects. Please consult with PBI.	New Dwelling / Housing Unit	RTM / Modular / Post-Move	Mobile (Manufactured) Home	Addition / Living Space / Sec.	Renovation (structural or egress)	<b>Basement Development</b>	<b>Deck</b> (not covered or enclosed)	Attached Garage	Det Garage / Acc. Bldg.	Pole Building (unheated)	Retaining Wall	Foundation Replacement	Solar Panels (F	Storage only -
Site Plan (e.g. lot size & shape; indicate North; project size on lot, distance to all property lines, indicate what borders each property line, label streets, etc.)								*	*	*				
Building Plans (e.g. floor plans, exterior elevations, cross sections, structural details, window & door types, sizes & locations, stair configurations, material lists, specs, etc.)														
Energy Code Forms (applicable to compliance option, code edition & climate zone)														
Building Designs stamped by an engineer (project specific for intended use*)														
Foundation Designs stamped by a structural engineer (site specific)														
Geotechnical Report (if required by zoning bylaws or engineer recommendation)														
PBI Specifications sheet (plus all information requested in the sheets)														
Information Below is Required BEFORE THE FRA	MIN	G II	NSP	ECT	ION									
Engineer-stamped roof truss designs & layouts (NBC compliant)														
Engineer-stamped floor truss and/or LVL designs & layouts														
Fireplace or Wood Stove Manufacturer Specifications														
Residential Mechanical Ventilation Design Summary														
* Pole Building (Please detail intended use. Note if vehicles will be repaired in the build	ing, i	f build	ding i	s for	perso	onal o	or bus	sines	s use	, etc.	)			

Signature:		Date:	
* I declare that I am the aumor of the	is property, and I will notify DDI of any amail about	ago if applicable	

PBI-Rev. Dec 31, 2022

<sup>\*</sup> I declare that I am the owner of this property, and I will notify PBI of any email changes if applicable.

<sup>\*</sup> Please note that failure to receive an emailed report or related documents does not release the property owner (s) from their responsibility to comply in all regards with the building standards (Saskatchewan Construction Code Act, Municipal Building Bylaws, and National Building Code of Canada).

## **MOBILE (MANUFACTURED) HOME - PBI SPECIFICATIONS**



(Steel Chassis - Deformation Resistant

Own on Nieuw	(Steel Chassis – L	Manaiaia alitan
Owner Name:		Municipality:
Owner: (Cell)	(H)	Jobsite Address:
☐ Draw property	a separate sheet, draw and note the following):  shape and note dimensions (indicate ft or m).	Ground Anchors  *** Anchoring is to conform to manufacturer's specifications and
<ul><li>□ Note distance</li><li>□ Show location</li><li>□ Note distance</li><li>□ Indicate locati</li><li>□ Label street no</li></ul>	nanufactured home and note dimensions. of home to the property lines (in four directions). of <u>all</u> doors and windows and note their sizes. of home to other buildings on the same property. on of ground anchors with "X's" (see example below) ame(s), roads, lanes, etc. that border property.	CSA Z240.10.1, "Site Preparation, Foundation, and Anchorage of Manufactured Homes" (NBC 9.23.6.3.)  Ground Anchor Type: (Check One)
☐ For new deck,	and size of landings and/or deck, including stairs. complete and submit <u>PBI Deck Specifications</u> .	☐ Concrete "deadman" anchors ☐ Ground auger type
Example:	MOBILE HOME (16, x 26,)  (12 tt)  (12 tt)  (12 tt)  (12 tt)  (12 tt)  (13 Main Street  (14 tt)  (15 tt)  (15 tt)  (17 tt)  (17 tt)  (17 tt)  (18 tt)  (19 tt)  (19 tt)  (10 tt)  (10 tt)  (11 tt)  (12 tt)  (12 tt)  (12 tt)  (13 Main Street	□ Duckbill type anchor □ Concrete Pile □ Reinforced Concrete Slab
(1210) <u>  ×</u>   	(17 ft) (17 ft) (Neighbour)	Site Preparation & Crawl Space  Site Preparation  Min. 2% grade to beyond home  Gravel sub-base  6 Mil Poly Ground Sheet
	nust conform to the manufacturer's blocking chart.  by of the manufacturer's blocking chart to PBI.  ck One)	• Interconnected smoke alarms in each bedroom and in main living area (electrically hardwired). (CAN/CGSB 51.34 M86) • Sand / Dirt / Gravel topping  Crawl Space • Skirting Type: (Check One)
H W	Desire de la constant	CO alarm.     Kitchen and bathroom exhaust fans.     Egress bedroom windows.     □ Vinyl     □ Metal     Ventilation required     (1 ft² / 500 ft² floor area)     Access hatch required (20"x28")
☐ Wood Cribs Size of Pier (Note: Piers r ☐ Concrete BI (Recommend	: (H) x (W) nust be at least as wide as they are high)	Information Required:  • Is the home CSA A277 certified? □ Yes □ No (See helew)
Footing Type: (	Check One)	• Is the home CSA-Z240 certified?   Yes No (Above applies)
☐ Concrete P	ad PT Lumber (2" x 6" - 3 layers)	• Is a detailed Site Plan included?   Yes No (Must be provided)
at least 100 i the pier by a	I concrete footings beneath piers must be mm (4") thick and must not project beyond distance greater than their thickness (CSA Z240 6.2.3.)	<ul> <li>Is page 3 of PBI Deck Specifications included?  Yes No deck</li> <li>Is manufacturer's blocking chart included?  Yes No (Required)</li> <li>Provide information below (found on the <u>CSA</u> or <u>Intertek</u> label located at the electrical panel or inside of the kitchen cupboard):</li> </ul>
☐ Piles (Diam	eter: & Depth:)	Manufacturer:  Year Built: Weight: (lbs or kg)  Size: (Width) X (Length) (ft or m)

☐ Reinforced Concrete

☐ Helical Screw Piles

Cert/Issue No:



Section 9.36. of the National Building Code of Canada (NBC)

Submit the design option section(s) for a new building, addition or major alteration to comply to NBC 9.36.

All calculations must be completed by a <u>competent person</u>\* and be attached to this form to be considered complete and accepted for review.

\* <u>Competent Person</u> means a person, firm or corporation who is knowledgeable and experienced in the application of NBC Section 9.36. for the design of buildings and/or building systems.

Section 9.36. for the design	of bui <b>l</b> dings and/or	building system	ıs.			
Owner Name:						per (Office Use):
Project Address:					RMMK-22-	
Occupancy Type:		Floo	r Area (m	2)	Climate Zon	e 7A
Design Option:	scriptive		Tra	de-Off	P	Performance
	te Section 'A'	С		Sections 'A & B'		plete Section 'C'
Section A (Part 1): I		□ Wi	ndow & do	or schedule		ness drawings
HRV: Yes	No	L RS	assembly	/ calculations	LI CSA FZ	30 calculations
Effective Thermal Res	sistance of Ab	ove Ground	Opaque	Buildina Assem	nblies (RSI)	
Assembly		w/ HRV		w/o HRV	1	oosed
Ceilings below attics		8.67		10.43		
Cathedral / Flat roofs		5.02		5.02		
Wall joists		2.97		3.08		
Rim joists		2.97		3.08		
Floors over unheated s	paces	5.02				
Floors within garage		4.86				
Thermal Characteristi	cs of Fenestra	ation, Doors	and Skyl	ights (U)		
Assembly	1		Efficien	су	Prop	oosed
Windows & Doors (provide window & door schedul	e)	Maximum U- Minimum En		1.60 <i>or</i> ng ≥ 25		
One door exception		Maximum U-	Value	2.60		
Attic hatch		Minimum RS	l <sub>eff</sub>	2.60		
Skylights		Maximum U-	Value	2.70		
Effective Thermal Res					d Opaque	
Building Assemblies (				7A is 2.4 m (8 ft.) ]	D	
Assembly Foundation Walls	,			w/o HRV	Prop	oosed
	ogral Easting	2.98 2.84		3.46 3.72		
Slab-On-Grade with Integral Footing Unheated Floor Below Frost Line			od	uninsulated		
Unheated Floor Above		uninsulated 1.96		1.96		
Heated Floors	I TOST LITTE	2.84		2.84		
i leated i 10015		Z.U <del>4</del>		۷.04	<u> </u>	
Contact information for	or person who	completed	Section A	(Part 1 of 2):		
Firm Name:			Ph:		Date:	
Person Name:			Email:			



Section 9.36. of the National Building Code of Canada (NBC)

## Section A (Part 2): Prescriptive

HVAC Equipment	Performance Rec	juirements					
Equipment	Capacity KW Standard		Min. Efficiency	Proposed			
Gas Fired Furnace	<u>&lt;</u> 65.9	CSA P.2	AFUE <u>&gt;</u> 92%				
(w or w/o A/C)	> 65.9 & <u>&lt;</u> 117	.23 CAN/CSA-P.	8 E <sub>t</sub> ≥78.5%				
Electric Boiler	<u>&lt;</u> 88		(1)				
Gas Fired Boiler	<u>≤</u> 88	CSA P.2	AFUE <u>&gt;</u> 90%				
Gas Fired Boller	> 88 & <u>&lt;</u> 117.	23 AHRI BTS	E <sub>t</sub> ≥ 83%				
Other							
Heat <b>Loss</b> Calculations (BTU)	Calculations w	ere prepared in conforman	ce with CSA F280 standards				
Heat <b>Gain</b> Calculations (BTU)	Calculations w	ere prepared in conforman	ce with CSA F280 standards				
Nomenclature	AFUE= annual fuel	utilization efficiency, $\mathbf{E}_{t}$ = th	ermal efficiency				
Water Heater Perf	ormance Require	ments					
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed			
	≤ 12 kW		SL ≤ 35 + 0.20V (top inlet)				
	(50 L to 270 L capacity)		SL ≤ 40 + 0.20V (bottom inlet)				
Tank Storage	≤ 12 kW	CAN/CSA-C191	SL ≤ (O.472V) - 38.5 (top inlet)				
(Electric)	(>270 L and ≤ 454 L capacity)		SL≤ (0.472V) - 33.5 (bottom inlet)				
	>12 kW (>75 L capacity)	ANSI Z21.10.3/CSA 4.3 & DOE 10 CFR, Part 431, Subpart G	S = 0.30 + 27 / V <sub>m</sub>				
Tank Storage	< 22 kW	CAN/CSA-P.3	EF ≥ 0.67 — 0.0005V				
(Gas Fired)	≥ 22 kW	ANSI Z21.10.3/CSA 4.3	E <sub>t</sub> ≥ 80% and standby loss≤rated Input/(800 + 16.57)(√V)				
	<u>≤</u> 73.2 kW	CAN/CSA-P.7	EF ≥ 0.8				
Tankless (Gas Fired)	> 73.2 kW	ANSI Z21.10.3/CSA 4.3 and DOE 10CFR, Part 43I, Subpart G	E ≥ 80%				
Tankless (Electric)		No standard addresses the performance efficiency; however, their efficiency typically approaches 100%					
Other							
Nomenclature	EF = energy factor ir S = standby loss in V = volume	%h, <b>SL</b> = standby loss in					

(1) Must be equipped with automatic water temperature control. No standard addresses the performance efficiency; however, their efficiency typically approaches 100%.

Contact information for person who completed Section A (Part 2 of 2):							
Firm Name:	Ph:		Date:				
Person Name:	Ema	ail:					



Section 9.36. of the National Building Code of Canada (NBC)

#### **Section B: Trade Off**

All calculations must be completed by a <u>competent person</u> and attached to this form in order to be considered complete and accepted for review. The location and extent of assemblies used in the calculation shall be clearly identified on the drawings by hatch or note.

Additional information that must be submitted for ☐ Section A (Parts 1 & 2) completed in their entirety. ☐ RSI assembly calculations indicating trade-off calculations							
Opaque to Opaque – One or more above-gropermitted to be less than required, provided or assemblies are increased to more than require  • Walls and joist type roofs must maintain mine  • All other assemblies must maintain mine  • The sum of the areas of all traded assemble equal to what it would have been if all and the sum of the areas of all traded assemble.	ne or more ed. in minimun nimum 60% emblies div	above n 55% % of the vided b	e-grour of the e requi	nd opaque b required RS ired RSI <sub>eff</sub> RSI <sub>eff</sub> must	uilding envelope		
Transparent to Transparent – One or more of provided one or more windows are increased.  The traded windows must have the same of the sum of the areas of all traded windows what it would have been if all windows.  Opaque to Transparent – This option is mea	to be more me orienta dows divide ws had me	than tion. ed by total	require heir RS 9.36.2	d. Sl <sub>eff</sub> must be	less than or equal		
buildings with a low floor to ceiling height and a fenestration and door area to gross wall area ratio of 15% or less.							
Contact information for person who completed Firm Name:	Section B	<u>}:</u>		Date:			
Person Name:	Email:			Date.			



☐ Window & door schedule.

#### **ENERGY EFFICIENCY COMPLIANCE FORM**

Section 9.36. of the National Building Code of Canada (NBC)

#### Section C: Performance (Page 1 of 2)

Additional information that must be submitted for review:

☐ Full modelling summary reports for Reference Model and Proposed Model.

This option is available only to houses with or without secondary suites, and buildings that contain only dwelling units with common spaces that are less than 20% of the building's total floor area.

Full modelling summary reports for the reference and proposed house, completed by a competent person and generated from Hot 2000 v15 or an ANSI/ASHRAE 140 compliant software, is required to be submitted with this form to be considered complete and accepted for review.

☐ Building assembly details (i.e. thoroughly complete "**Proposed House - Building Assembly Details**" section below). ☐ If less than 3.2 air exchanges are used in the proposed model, provide vapour barrier installation details.

Input Parameters		Reference Model	Proposed Model
•		Reference Model	Froposed Model
Airtightness (air exchanges	per hour @ 50 Pa)		
Heat Loss / Heat Gain			
HRV efficiency			
Thermal mass (MJ/m <sup>20</sup> C)			
Ventilation rate (I/s)			
Fenestration and door to wa	II ratio (FDWR) – reference (%)		
Direction of front elevation (h	nighlight or shade one in each column)	N NE E SE S SW W NW	N NE E SE S SW W NW
Area of windows and doors	Front elevation (m <sup>2</sup> )		
	Rear elevation (m <sup>2</sup> )		
	Left elevation (m <sup>2</sup> )		
	Right elevation (m <sup>2</sup> )		
	Total area of windows (m²)		
	Total area of opaque doors (m²)		
Energy use (GJ)			
		•	•

Proposed House - Building Assembly Details:							
		Framii	ng	Insulation		Furnace Size:	00,000 BTU
Ceiling:	"	o.c. Gab	le/Cathedral	R	- Batt or spray foam	Furnace Rating:	? %
Exterior Wall:	2" x	@	" o.c.	R	-	Water Heater:	? %
Tall Wall:	2" x	@	" o.c.	R	-	HRV:	□Yes □No
Foundation Wall:	2" x	@	" o.c.	R	-	Air Conditioner:	? SEER
Floor Headers:				R	-	Air Barrier (NBC):	9.25 &/or 9.36
Cantilever/Bonus Rm:	2" x	@	" o.c.	R	-	Attic Hatch:	2.60 U-Value
Slab:	□ None	e 🗆 Int 🗆	] Ext / (1.2m)	4 "	thick - Rigid or Spray Foam	Doors (U-Values):	
Cladding Type:						Windows:	
Comments:						(List all U-Values)	



Section 9.36. of the National Building Code of Canada (NBC)

# Section C: Performance (Page 2 of 2)

Software Info	rmat	ion					
Software Title	e:		Version:				
Is software H	ot 20	00 v15 or ANSI/ASHRAE 140 co	☐ Yes ☐ No				
Contact infor	Contact information for person who completed Section C:						
Firm Name:			Name:				
Address:			Phone:				
Address:			Email:				
I hereby certify that the calculations submitted were prepared in full accordance with the operation procedures of the software and:							
Subsection 9.36.5. of NBC 2015,							
☐ EnerGuide Rating System v15 w/ variance greater than or equal to 5% above the Reference Model (attach supporting documents)							
Alternative Solution – Specify:							
Date			Signatur	re			