# R.M. of Pense No. 160

Box 190, Pense, Saskatchewan SOG 3W0 Phone: (306)345-2303; Fax: (306)345-2583 Email: <u>rm160@sasktel.net</u>, Website: <u>www.pense160.com</u>

R.M. of Pense No. 160, Saskatchewan

#### **APPLICATION FOR BUILDING PERMIT**

I hereby make application for	a permit to	construct alter	a building according to			
the information below and to t	he plane and dooumon	reconstruct	otion			
the mornation below and to r	ine plans and document	is attached to this applic	allon.			
Civic address or location of w	ork					
Legal description - Lot	Block		Plan			
Owner	Address					
Telephone	Fax	Email				
Designer	Address	Telex	phone			
Contractor	Address	Teler	phone			
Nature of work						
Intended use of building			,			
Size of building	Length	Width	Heiaht			
Number of storeys		Fire escapes	• • <u></u>			
Number of stairways		Width of stairway	······································			
Number of exits		Width of exits				
Foundation Soil Classification	and Type					
Footings	Material	S	ze			
Foundations	Material	S	ze			
Exterior Walls	Material	S	ze			
Roof	Material	Si	ze			
Studs	Material	S	pacing			
Floor Joists	Material	S	pacing			
Girders	Material	S	Dacing			
Rafters	Material	S	pacing			
Chimneys	Number	Si	ze			
	Material	TI	nickness			
Heating	Lighting	PI	umbing			
Estimated value of constructio	n (evoluding cito) <sup>e</sup>					
Estimated value of construction	n (excluding site) ş					
Eas for building pormit @	SUIGY)	square me	tres			
ee for building bermir \$						
literation of the second	• •• <b>•</b> •• •• • •					

I hereby agree to comply with the Building Bylaw of the local authority and acknowledge that it is my responsibility to ensure compliance with the Building Bylaw of the local authority and with any other applicable bylaws, acts and regulations regardless of any plan review or inspections that may or may not be carried out by the local authority or its authorized representative.

Date

Signature of Owner or Owner's Agent



# VENTILATION SUMMARY OF DESIGN NATIONAL BUILDING CODE OF CANADA 2020

Force Air Equipment	Radiant	No Com (Subsectio	bustion on 9.32.3. NBC 2020)
Carbon Monoxide Alarms (Article 9.32.3.9; see also the <u>Government of Saskatchewan advis</u>	sory)		
Conditions:			
Is spillage susceptible equ	ipment present in house?	Yes	🗌 No
Is solid fuel equipment pre	sent in house?	🗌 Yes	🗌 No
Is soil gas a problem & no	mitigation system present?	🗌 Yes	🗌 No
Are carbon monoxide aları (Article 9.32.3.9; see also the <u>G</u> advisory	ms required? overnment of Saskatchewan	☐ Yes	🗌 No

If you answered "No" to all of the above, you can select any type of ventilation system.

If you answered "Yes" to one of more, you cannot have an exhaust only system.

### Type of Ventilation System Designed: (choose type for use under this permit)

Α	Ventilation coupled with forced air, ventilation supply air and supplemental fans. (Mixed-air calculation as per Table 9.32.3.4.(2) NBC 2020)
В	Ventilation coupled with forced air, heat recovery (HRV) ventilation supply air and supplemental fans.
С	Ventilation not coupled with forced air, with ventilation supply air and supplemental fans. (May require heating of supply air)
D	Ventilation not coupled with forced air, heat recovery (HRV) ventilation supply air and supplemental fans.
Е	Dual capacity ventilation coupled with forced air ventilation supply air and no supplemental fans $-$ no HRV. (Mixed-air calculation as per Table 9.32.3.4.(2) NBC 2020)
F	Ventilation coupled with forced air, heat recovery (HRV) ventilation supply air and no supplemental fans HRV must be capable of 2.5 times the principal fan speed and have a pick- up in kitchen. Grease filter required if within 10 feet of stove, switch to turn on HRV to high speed in kitchen.
G	Exhaust only ventilation no ventilation supply air requires a forced air circulation system either stand alone or blower on forced air system. This system cannot be used if house has solid fuel, spillage susceptible appliances or soil gas problems. (Article 9.32.3.6. NBC 2020)
н	System designed to CSA F-326 and any house with six bedrooms or more. (Clause 9.32.3.1.(1)(a) NBC 2020)



# **Principal Ventilation System Information:**

Number of bedrooms:
Principal fan exhaust speed range: to
One: 32-48 cfm Two: 36-56 cfm Three: 44-64 cfm Four: 52-76 cfm Five: 60-92 cfm Six bedrooms and over is required to comply with System K (Article 9.32.3.3. and Table 9.32.3.3. NBC 2020)
Principal Ventilation System Exhaust Information:
Manufacturer/Model:
Principal fan exhaust speed range: cfm low/cfm high
System F high ventilation rate 2.5 times:
Principal Ventilation Supply Information: (choose type for use under this permit)
Supply side of HRV balanced within 10% (Systems B,D,F)
Fresh air to furnace sized and mixed air circulation (Table 9.32.3.11A & Table 9.32.3.11B NBC 2020)
Exhaust only with circulation system (System G)
Supplemental Fans Information:
Bathroom HRV provided: Yes No
Bathroom fan (50 cfm minimum) manufacturer/model:
Kitchen range hood or exhaust fan (100 cfm minimum) with grease filter when required: Yes
Manufacturer/Model: HVI
HRV provided with grease filter if within 3 m of cooktop (Article 9.32.3.11. NBC 2020)
Makeup Air Information:
Is spillage susceptible equipment being installed/present (Sentences 9.32.3.8.(2)-(8) NBC 2020): Yes No If "Yes", the manufacturer/model is required
Manufacturer/Model:



# **MUNICODE VENTILATION SUMMARY OF DESIGN** NATIONAL BUILDING CODE OF CANADA 2020

### **Other Exhaust Devices Information:**

Dryer cfm:	
Other: Manuf	acturer/Model:
Mixed Air Required (Calculations as per Table 9.32.3.4. NBC 202	20) 🗌 Yes 🗌 No
<ul> <li>The system is designed to Subsection 9.32. NBC 2020:</li> <li>Duct work to be set out in Tables 9.32.3.11A &amp; 9.32.3.11B</li> <li>HRV Balancing is required within 10% and results visually po</li> </ul>	Yes No or HRAI ventilation digests sted on HRV unit
Property Information:	
Owner/Project Name:	
Project Address/Land Location:	
Municipality:	
Mechanical Contractor Information:	
Company Name:	
Address:	
Phone:	
Email:	
Designer: HRAI	Number (if applicable):
Please attach any designs to this summary if applicable	
Date:	
Name:	
Signature:	



# ENERGY EFFICIENCY COMPLIANCE OPTIONS

NECB & SECTION 9.36. of the NBC



New *buildings* and *additions* where permits are applied for on or after January 1, 2024, are required to demonstrate energy compliance to Section 9.36. of the National Building Code of Canada (NBC) 2020 or the National Energy Code of Canada for Buildings (NECB) 2020, as applicable (see flowchart). These must continue to meet energy requirements on a go-forward basis. This means that future work to those *buildings* or additions must continue to demonstrate energy compliance.

New *Building* means a building for which a building and development permit application was submitted on or after January 1, 2024.

Addition means any conditioned space that is added to an existing building and that increases the *building's floor surface area* by more than 10 m<sup>2</sup> (NECB 2020 defined term). Additions to buildings that were constructed prior to January 1, 2019, are not required to demonstrate energy compliance (see subsection 3(4) of The Building Code Regulations and The Energy Code Regulations).

### Notes:

No

OR

NECB

- 1. The Government of Saskatchewan has amended portions of Section 9.36. of the NBC 2020 Section 9.36 within The Building Code Regulations. Portions of NECB 2020 have also been amended within The Energy Code Regulations. This flowchart has been developed to align with those amendments.
- 2. Airtightness testing (blower door) required when Tiered Prescriptive achieves points through Table 9.36.8.8.
- 3. Airtightness testing (blower door) required when



#### **SECTION 9.36. OF THE NBC**

Complete this form when the chosen energy efficiency design compliance path requires a verified post construction airtightness test:

- Tiered Prescriptive Path achieves points through Table 9.36.8.8., or
- Tiered Performance Path has an air-leakage rate of less than 3.2 ACH@50 Pa.

<b>Building Address/Land Location</b>	
Municipality	
Owner's Name	

### **Airtightness Declaration:**

Input Parameters:	Reference Value	Proposed Value	Actual
Airtightness			
(air changes per hour @ 50 Pa)			
Airtightness Design Units (check one)		NLA <sub>10</sub>	NLR <sub>50</sub>
Zone Method (check one)	Guarded	Unguarded	
Airtightness Performer information:			
Name:	Company:		
Phone:	Email:		

I certify that I am knowledgeable, experienced, and trained in the airtightness testing equipment and methodology. Testing has been completed in accordance with CAN/CGSB-149.10-M and meets or exceeds the expected results of the proposed model or design.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_



#### This form is intended to clarify the compliance with Section 9.36. Tier 2 Performance Path.

Must be completed by a competent person who is knowledgeable, experienced, and trained in building design under Section 9.36 of the NBC and acceptable to the Authority Having Jurisdiction.

Building Address/Land Location	
Municipality	
Owner's Name	
Conditioned Space Volume (m <sup>3</sup> )	

#### Performance Compliance Path 9.36.5. & 9.36.7.

Available only to houses with or without secondary suites, buildings that contain only dwelling units and common spaces whose total floor area does not exceed 20% of the total floor area of the building.

Input parameters (not required for EnerGuide compliance)		Re	ferer	nce l	Mode		Pro	opos	ed N	lodel
Airtightness Level (air exchanges per hour @ 50 Pa)										
Heat Loss/Heat Gain										
HRV efficiency										
Thermal mass (MJ/m <sup>2</sup> •°C)										
Ventilation rate (I/s)										
Fenestration and door to wa	II ratio (FDWR) – reference (%)									
Direction of front elevation (clearly circle one)		N S	NE SW	E W	SE NW		N S	NE SW	E W	SE 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 (m <sup>2</sup> )										
Total area of opaque doors (m <sup>2</sup> )										
Energy use (GJ)										
Software Information										
Software Title		Ve	rsior	1						
Is software Hot2000 or ANSI/ASHRAE 140 compliant?						Ye	s			
Modelling summary reports generated for both the reference a houses are required to be attached.		nd p	ropos	sed		No				

# Compliance via Tiered Performance Results (9.36.7.)

Energy Performance Metrics (not required for Energuide Compliance)	Reference Model	Proposed Model	Target Energy Performance
Total volume of conditioned space within the bui not determined	lding or house >	300m <sup>3</sup> and whe	ere volume is
Percent heat loss reduction (Required: ≥ 5%) (calculated by subtracting the annual gross space heat loss of the proposed house from the annual gross space heat loss of the reference house and dividing the result by annual gross space heat loss of the reference house)			Achieved:



Percent impre (calculated by consumption of house energy diving the resu reference hou Percent hous (calculated by consumption of energy target	ovement (Required: ≥ 10%) subtracting the annual energy of the proposed house form the target of the reference house and ult by the house energy target of the se), or ee energy target (Required: ≤ 90%) dividing the annual energy of the proposed house by the house of the reference house)			Achieved: or Achieved:
Peak cooling	load (≤ reference house)			Yes No
Total volume determined	of conditioned space within the build	ling or house :	≤ 300m <sup>3</sup> and who	ere volume is not
Percent hous (calculated by consumption c energy target	te energy target (Required: ≤ 100%) dividing the annual energy of the proposed house by the house of the reference house)			Achieved:
Declaration				
Name		Company		
Email		Phone		
I hereby certify accordance w Subse Alterna EnerG achiev (a com	y that the design parameters and/or calc ith the operation procedures of the softw ction 9.36.5 of the 2020 NBC. ative Solution (attach supporting docume uide Rating System, v15. I am a qualifie es the minimum 10% annual energy imp pliance summary will be submitted prior	eulations submit vare and: ents) d Energy Advis provement targe to full occupan	ted were prepare or and the submi et of 2020 NBC, 7 cy)	ed in full itted design Fier 2.
Signature:	D	0ate:		

Where the air-leakage rate is a value less than 3.2 ACH@50 Pa, an airtightness test is required to be conducted. Provide the Airtightness Certificate to *Muni*Code Services Ltd. (<u>service@municode.ca</u>) once complete but required prior to occupancy.



### TIERED PRESCRIPTIVE COMPLIANCE SECTION 9.36. OF THE NATIONAL BUILDING CODE OF CANADA

This form is intended to clarify the compliance with Section 9.36. Tier 2 Prescriptive Path. Available only to houses with or without secondary suites, buildings that contain only dwelling units and common spaces whose total floor area does not exceed 20% of the total floor area of the building.

Must be completed by a competent person who is knowledgeable, experienced, and trained in building design under Section 9.36 of the NBC and acceptable to the Authority Having Jurisdiction.

<b>Building Address/Land Location</b>	
Municipality	
Owner's Name	
Conditioned Space Volume (m <sup>3</sup> )	

### Prescriptive Compliance Calculations and Information (9.36.2. - 9.36.4.)

All calculations and specifications must be attached to this form to be considered complete and be accepted for review.

			<u></u>	
HRV / ERV:	] Yes	No	R = 5.678 x RSI	U = 1 / RSI

Effective Thermal Resista	nce of Above Ground Op	paque Building Asser	nblies (RSI)
Assembly	w/ HRV	w/o HRV	Proposed
Ceilings below attics	8.67	10.43	
Cathedral / Flat roofs	5.02	5.02	
Walls & Rim joists	2.97	3.08	
Floors over unheated spaces	5.02	2	
Floors within garage	4.86	6	
Thermal Charact	eristics of Fenestration,	Doors and Skylights	(U)
Assembly	Efficie	ncy	Proposed
Windows & Doors	Maximum U-Va	alue 1.61 or	
	Minimum Energ	y Rating <u>&gt;</u> 25	
One door exception	Maximum U-	Value 2.60	
Attic hatch	Minimum RS	SI <sub>nom</sub> 2.60	
Skylights	Maximum U-	Value 2.75	
Effective Thermal Resistance	of Below-Grade or In-Co	ntact-With-Ground O	paque Buildings
	Assemblies (RSI)	1	1
Assembly	w/ HRV	w/o HRV	Proposed
Foundation Walls	2.98	3.46	
Slab On Grade With Integral	2 84	372	
Footing	2.01	0.12	
Unheated Floor Below Frost Line	uninsulated	uninsulated	
Unheated Floor Above Frost Line	1.96	1.96	
Heated Floors	2.84	2.84	

Trade Off (9.36.2.11.):

Yes

No

Should trade off be proposed, all calculations must be attached to this form to be considered complete and be accepted for review. The location and extent of assemblies used in the calculations shall be clearly identified on the drawings by hatch or note.



	HVAC Equipme	ent Performance R	equirements	
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed
Electric Heat Pump (split & single package)	<u>&gt;</u> 19	See Tables 5.2.12.7	IA to -P of Division B of the NECB	
Coo Eirod Europoo	≤ 66 using single-phase electric current	CAN/CSA-P.2	AFUE ≥ 95% and must be equipped with a high- efficiency constant torque or constant airflow fan motor	
w or w/o A/C	≤ 66, through the wall furnace		Et ≥ 78.5% AFUE ≥ 90%	
	< 66 using three-phase electric current	ANSI Z21.47/CSA	AFUE $\geq$ 78% or E <sub>t</sub> $\geq$ 80%	
	> 66 and <u>&lt;</u> 117.23	2.3	Et ≥ 80%	
Electric Boiler	< 88		(1)	
	< 88	CAN/SCA-P.2	AFUE <u>&gt;</u> 90%	
Gas Fired Boiler	<u>≥</u> 88 & < 733	ANSI/AHRI 1500 or DOE 10 CFR, Part 431, Subpart E, Appendix A	Et≥ 83%	
Other				
Heat Loss/Heat Gain Calculation	□ Calculations were	e prepared in conform	ance with CSA F280-12	BTU
Nomenclature	AFUE= annual fuel utilizati	on efficiency, Et= ther	mal efficiency	
	Water Heaters	s Performance Re	quirements	
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed
	<u>&lt;</u> 12 kW (>50 L to		$SL \le 35 + 0.20V$ (top inlet)	
	<u>&lt;</u> 270 L capacity)	CAN/CSA-C191	SL <u>&lt;</u> 40 + 0.20V (bollom inlet)	
Tank Storage	<u>&lt;</u> 12 kW (>270 L to		SL ≤ (0.472V) - 38.5 (top inlet)	
Electric	<pre>&lt; 454 L capacity)</pre>		SL <u>&lt;</u> (0.472V) - 33.5 (bottom inlet)	
	>12 kW	ANSI Z21.10.3/CSA 4.3 or DOE 10 CFR, Part 431, Subpart G App B	SL <u>&lt;</u> 0.30 + (102.2 V₅)	
	22 kW and first-hour rating < 68 L		UEF <u>&gt;</u> 0.3456 − (0.00053 V <sub>s</sub> )	
	$\leq$ 22 kW and first-hour rating $\geq$ 68 L but < 193 L		UEF $\geq$ 0.5982 – (0.00050 V <sub>s</sub> )	
Tank Storage	<u>&lt; 22 kW and first-hour</u> rating <u>&gt; 193 L but &lt; 284 L</u>	CAN/CSA-P.3	UEF $\geq$ 0.6483 – (0.00045 V <sub>s</sub> )	
Gas Fired	≤ 22 kW and first-hour rating ≥ 284 L		UEF $\geq$ 0.6920 – (0.00034 V <sub>s</sub> )	
	> 22 kW but <u>&lt;</u> 30.5kW and V <sub>r</sub> <u>&lt;</u> 454 L		UEF $\geq$ 0.8107 – (0.00021 V <sub>s</sub> )	
	> 22 kW	DOE 10 CFR, Part 431, Subpart G, Appendix A	$E_t \ge 90\%$ and SL $\le 0.84$ [(1.25 Q) + (16.57 $\sqrt{V_r})$ ]	



# TIERED PRESCRIPTIVE COMPLIANCE SECTION 9.36. OF THE NATIONAL BUILDING CODE OF CANADA

	< 58.56 kW, V <sub>r</sub> $< 7.6$ L and		UEF <u>&gt;</u> 0.86	
Tankless	$< 58.56$ kW, V <sub>r</sub> $\leq$ 7.6 L and max. flow rate > 6.4 L/min	CAN/CSA-P.3	UEF <u>&gt;</u> 0.87	
Gas Fired	$\geq$ 58.56 kW, V <sub>r</sub> $\leq$ 37.85 L and input rate to V <sub>r</sub> ratio $\geq$ 309 W/L	DOE 10 CFR, Part 431, Subpart G, Appendix C	Et ≥ 94%	
Tankless, Electric	No standard addresses the	performance efficienc 100	by; however, their efficiency typ	ically approaches
Other				
Nomenclature	<b>EF</b> = energy factor difference Q = nameplate input rate, in $V_r$ = rated nominal storage v	Et = therm kW SL = stan olume, in L Vs = meas	nal efficiency with a 38.9°C (70°I Idby loss, in W sured storage volume, in L	F) water temp

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

# <u>Tiered Prescriptive Results (9.36.8.)</u>

Energy Performance Measures	Minimum Energy Conservation Points (Zone 7A)
Above-Ground Walls	
Fenestration and Doors	
Below-Grade or In Contact with Ground	
Airtightness	
Ventilation Systems	
Service Water Heating Equipment	
Building Volume	
Total Energy Conservation Points Achieved:	
(Tier 2 requires at least 10 points)	

Where points are achieved through Table 9.36.8.8., an airtightness test is required to be conducted. Provide the Airtightness Certificate to *Muni*Code Services Ltd. (<u>service@municode.ca</u>) once complete but required prior to occupancy.



#### **COMMITMENT & FIELD REVIEW**

File Num	ber			Date (YY MM DD)
То:	Municipality Name			
Re:	Name of Project			
	Description of Project			
	Civic Address or Land Locat	ion of Project Site		
Section he under ocumenta (initial it	A: Letter of Commitr signed hereby undertake ation, that any registered ems listed below that ap	nent s to be responsible for design and field professionals delegated design and fie pply to this registered professional)	reviews Id reviev	of the following components by confirming, through s are competent to perform their responsibilities.
lational B Are	uilding Code of Canada & chitecture	A National Plumbing Code of Canada		Mechanical Engineering
Ele	ectrical Engineering	Geotechnical Engineering		Alternative solution
ational E Pa	Energy Code of Canada irt 3	for Buildings Part 4		Part 5
Pa	ırt 6	Part 7		Part 8
<u>)ther</u> (spe	ecify)			
eview is to certify the Professiona	at I am an architect or eng al's Name & Discipline (Print)	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i>	Codes A	ng as soon as possible if the undersigned's contract for fi ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Profession: Company N	erminated at any time dur at I am an architect or eng al's Name & Discipline (Print) Name (If the registered profession Mail, City/Town, Province, Posta	o notify the authority having jurisdiction ring construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm)	Codes A	ng as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Profession: Company N Address (M Phone	al's Name & Discipline (Print) Name (If the registered profession Name (If the registered profession Name (If the registered profession)	o notify the authority having jurisdiction ring construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm)	Codes A	ng as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Profession: Company N Address (M Phone Signature of	al's Name & Discipline (Print) al's Name & Discipline (Print) Name (If the registered professional Nail, City/Town, Province, Posta	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm)	Codes A	ng as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Professiona Company N Address (M Phone Signature o	al's Name & Discipline (Print) Name (If the registered professional fail, City/Town, Province, Posta Sf Registered Professional B: Field Review	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) Email Date	Codes A	ng as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) 
Professional Company N Address (M Phone Signature of Signature of I hereby g a) I h ii b) Th th c) I of	of Registered Professional B: Field Review i. Subsection 6 of <i>The Energy</i> have components initialed in e building permit; and as mo certify that I am an architect	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) 	ans and s	Ing as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Profession: Company N Address (M Phone Signature of Signature of I hereby g a) 1 h ii b) Th th c) 1 of Profession:	of Registered Professional B: Field Review i. Subsection 15(1) of <i>The Energy</i> hose components initialed in e building permit; and as mo certify that I am an architect	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) 	ans and s	Ing as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) upporting documents submitted in support of the application for orders; and .ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)
Professiona Company N Address (N Phone Signature c Signature c I hereby g a) I h ii b) Th th c) I c	al's Name & Discipline (Print) Name (If the registered professional Name (If the registered professional Section A province, Postal Name Section 15(1) of <i>The</i> Name Section 15(1) of <i>The</i> Section 6 of <i>The Energy</i> nose components initialed in the building permit; and as mode certify that I am an architect al's Name & Discipline (Print)	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) Email Date for field review as initialed in Section A: <i>Building Code Regulations</i> , and/or <i>Code Regulations</i> , Section A substantially comply with the pl polified by subsequent site instruction and/o or engineer, as defined in <i>The Construction</i>	ans and s	Ing as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) upporting documents submitted in support of the application for orders; and ict, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) (Affix Professional Seal Below)
Profession Company N Address (M Phone Signature of Signature of I hereby g a) I h ii b) Th th c) I of Professiona Company N	al's Name & Discipline (Print) Name (If the registered professional Ali, City/Town, Province, Posta ali, City/Town, Province, Posta Ali, City/Town, Province, Posta Strield Review ive assurance that: have fulfilled my obligations i i. Subsection 15(1) of <i>The</i> i. Subsection 15(1) of <i>The</i> i. Subsection 15(1) of <i>The</i> i. Subsection 15(1) of <i>The</i> i. Subsection 15(1) of <i>The</i> alis Name & Discipline (Print) Name (If the registered professional Name (If the registered professional)	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) 	ans and s	Ing as soon as possible if the undersigned's contract for fit ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) upporting documents submitted in support of the application for orders; and ict, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below) (Affix Professional Seal Below)
Profession Company N Address (N Phone Signature c Signature c Professiona Company N Company N Signature c	of Registered Professional <b>B: Field Review</b> ive assurance that: a Subsection 15(1) of <i>The</i> i. Subsection 15(1) of <i>The</i>	o notify the authority having jurisdiction ing construction. gineer, as defined in <i>The Construction</i> onal is a member of a firm) I Code) Email Date for field review as initialed in Section A: Building Code Regulations, and/or Code Regulations, Section A substantially comply with the pl odified by subsequent site instruction and/o or engineer, as defined in <i>The Construction</i> onal is a member of a firm) Date	ans and s	Ig as soon as possible if the undersigned's contract for the ct, and am licensed to practice in Saskatchewan. (Affix Professional Seal Below)

a) a person who is registered or licensed to practice as a professional engineer under *The Engineering and Geoscience Professions Act*, or
 b) a person who is registered or licensed to practice as an architect under *The Architects Act*.

409 Central St. West Box 1570 WARMAN, SK S0K 4S0				NUN SERVICES	ICOD	E		Website	Ph: 306-955-6355 Fax: 306-955-6355 Email: service@municode.ca : www.municodeservices.com
Municipality	ZONE	HDD 18	HDD 15	FDWR 18	FDWR 15	FDD	Frost Depth (m)	Frost Depth (in)	Meet Fire Response Time?
City of Estevan	TA	5380	4450	30.8	37.0	1448	2.35	93	Yes
City of Humboldt	7B	6000	5080	26.7	32.8	1841	2.85	112	Yes
City of Melfort	TB	6050	5130	26.3	32.5	1866	2.85	112	Yes
City of Melville	TA	5880	4970	27.5	33.5	1713	2.60	102	Yes
City of Moose Jaw	TA	5270	4390	31.5	37.4	1333	2.25	89	Yes
City of Warnan	ΤA	5700	4800	28.7	34.7	1525	2.35	93	No
District of Lakeland	TB	6100	5180	26.0	32.1	1898	2.90	114	No
R.M. of Cana No. 214	7A	5840	4929	27.7	33.8	1714	2.60	102	No
R.M. of Corman Park No. 344	TA	5700	4800	28.7	34.7	1525	2.35	93	No - Some Areas Yes
R.M. of Coteau No. 255	TA	5311	4432	31.3	37.1	1379	2.30	91	No - Some Areas Yes
R.M. of Enniskillen No. 3	TA	5431	4542	30.5	36.4	1503	2.35	93	Yes
R.M. of Estevan No. 5	TA	5380	4450	30.8	37.0	1448	2.35	93	No
R.M. of Grassy Creek No. 78	9	4846	3967	34.4	40.2	1065	2.35	93	No
R.M. of Humboldt No. 370	TB	6000	5080	26.7	32.8	1841	2.85	112	No
R.M. of LeRoy No. 339	TA	5941	5025	27.1	33.2	1811	2.75	108	No
R.M. of Loreburn No. 254	TA	5311	4432	31.3	37.1	1379	2.30	91	No - Some Areas Yes
R.M. of Moose Jaw No. 161	TA	5270	4390	31.5	37.4	1333	2.25	89	No
R.M. of Moosomin No. 121	TA	5690	4490	28.7	36.7	1593	2.40	94	Yes
R.M. of Pense No. 160	7A	5440	4550	30.4	36.3	1453	2.35	93	No
R.M. of Prairie Rose No. 309	TA	5851	4941	27.7	33.7	1743	2.70	106	No
R.M. of Redburn No. 130	TA	5270	4390	31.5	37.4	1333	2.25	89	Yes
R.M. of Rosthern No. 403	TA	5857	4943	27.6	33.7	1714	2.60	102	No
R.M. of St. Andrews No. 287	TA	5620	4720	29.2	35.2	1607	2.40	94	No
R.M. of Swift Current No. 137	TA	5150	4270	32.3	38.2	1205	2.10	83	No
R.M. of Vanscoy No. 345	TA	5710	4630	28.6	35.8	1519	2.35	93	No
R.M. of Webb No. 138	9	4970	3990	33.5	40.1	1026	1.88	74	No
Town of Aberdeen	TA	5700	4800	28.7	34.7	1525	2.35	93	Yes
Town of Arborfield	TB	6166	5250	25.6	31.7	1993	3.05	120	Yes
Town of Biggar	AT .	5720	4280	28.5	38.1	1597	2.40	94	Yes
Town of Bruno	TA	5914	4997	27.2	33.4	1797	2.75	108	Yes
Town of Carlyle	TA	5570	4676	29.5	35.5	1561	2.40	94	Yes
Town of Central Butte	ΤA	5335	4455	31.1	37.0	1390	2.30	91	Yes

updated 11/15/19