



R.M. of Edenwold No. 158

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Building Permit Application

Civic Address:	Subdivision:	Permit Number:
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Legal Land Description: Lot _____ Block _____ Plan _____
Quarter _____ Section _____ Township _____ Range _____ W2M

Owner:	Address: _____ City/Town _____ Postal Code _____	Telephone: Cell:
Building Contractor:	Address: _____ City/Town _____ Postal Code _____	Telephone: Cell:

Floor Area:

Ground Floor: _____ ft ² or m ² <small>(circle one)</small>	Second Floor: _____ ft ² or m ² <small>(circle one)</small>	Basement: _____ ft ² or m ² <small>(circle one)</small>	Accessory/Other: _____ ft ² or m ² <small>(circle one)</small>
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Building:

Estimated Value of Construction:	Length: _____ ft or m <small>(circle one)</small>	Width: _____ ft or m <small>(circle one)</small>	Height: _____ ft or m <small>(circle one)</small>
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Read Through and Initial After Each Statement:

I have submitted a site plan indicating the location of all property lines, all existing and proposed buildings, the distances between all property lines and the closest wall of the nearest building, the location of all existing and proposed roads and a north arrow to establish the orientation of the site plan. _____

I hereby agree to comply with the Building Bylaw of the municipality and acknowledge that it is my responsibility to ensure compliance with the municipal building bylaw, provincial legislation, and the National Building Code of Canada, regardless of any review of drawings or inspections that may or may not be carried out by the inspector. _____

It is expressly understood that the municipality requires building inspections to be called for at various stages of construction, as outlined in the building bylaw, and that it is my responsibility to contact the municipal building inspector at the required intervals of construction will result in deductions from the occupancy deposit, in part or in whole, additional inspection fees, the issuance of stop work order, and/or other action outlined in the municipal building bylaw. _____

I understand that this permit expires six months from the date of issue if work is not commenced within that period, or two years from the date on which the permit was issued; and any deviation, omission or revision to the approved application requires approval of Council, or its authorized representatives. _____

I understand that additional inspection fees may be charged for extra inspections, non-scheduled inspections and re-inspections. _____

_____	_____	_____
Date of Application	Owner of Authorized Agent (print)	Owner/Agent (sign)

Please plan on applying for a building permit 4 to 6 weeks before construction is set to begin to allow time for our Building Official to review the application.



R.M. of Edenwold No. 158

Building Permit # _____

Permission is hereby granted to _____ to _____ a building to be used as a _____ on civic address or location _____

Lot _____, Block _____, Plan _____ in accordance with the application dated _____. This permit expires six months from the date of issue if work is not commenced within that period, unless otherwise authorized by the local authority or its representative.

This Building Permit is approved subject to the following conditions:

- Must meet all building standards, inspections and regulation.
 - All new required approached must be approved by the RM prior to any construction.
 - Must meet safe building elevation 0.5 metres above 1:500 flood freeboard elevations.
-
-
-
-

Culvert/Drainage Deposit	\$ _____
Landscape Deposit	\$ _____
Occupancy Deposit	\$ _____
Development Fee	\$ _____
Building Permit Fee	\$ _____
Water Meter/Backflow Valve	\$ _____
Other	\$ _____
Other	\$ _____
Total	\$ _____

General Receipt# _____

Approval Date

Signature of Authorized Municipal Official



Development Permit Application Date: _____, 20__

Land Description: Quarter _____ Section _____ Twp. _____ Rge. _____ W2M

Lot _____ Block _____ Plan _____

Applicant: _____

Address: _____

Proposed Development: _____

(Attach Site Sketch
and Supporting Documents) _____

Applicant's Signature: _____

Development Permit Approval

Decision Date: _____

Subject to the following conditions: _____

Note: Approval of this application and issuance of a Development Permit does not absolve the applicant of obtaining other permits and approvals as may be required according to other municipal, Provincial and Federal government legislation.

Development Officer: _____

Refusal of Development Permit Application

Refused (Date: _____)

The reasons for refusal are as follows:

Note: Please be advised that you may be entitled to appeal a refusal issued by the Development Officer, to the Development Appeals Board, as per the Planning and Development Act and the Zoning Bylaw.

Development Officer: _____

Residential - Plan Review Checklist

Municipality: _____ **Permit #:** _____
Jobsite Address: _____ **Project Type:** _____
Owner's Name: _____ **Cell Ph:** _____

Residential Project Type

REQUIRED for a Plan Review (A shaded box means <u>not</u> required.) Provide designs and required documents in PDF format as indicated by the unshaded boxes for the project. A plan review must be completed by PBI <u>before</u> a building permit is issued. E-mail plans and documents in PDF format to the municipal office. <i>Requirements may vary for some projects. Please consult with PBI.</i>	New Dwelling / Housing Unit	RTM / Modular / Post-Move	Mobile (Manufactured) Home	Addition / Living Space / Sec. Suite	Renovation (structural or egress)	Basement Development	Deck (not covered or enclosed)	* Attached Garage (unheated)	* Det Garage / Acc. Bldg. (unheated)	* Pole Building (unheated)	Retaining Wall (if collapse affects a structure)	Foundation Replacement	Solar Panels (PV or Hot Water)
Site Plan (eg. 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 (eg. 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)													
Manufacturer's Blocking Chart and anchorage details													
PBI Specifications sheet (plus all information requested in the sheet(s))													
Information Below is Required BEFORE THE FRAMING INSPECTION													
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													

* Storage only - no living space & unheated

*** Pole Building** (Please detail intended use. Note if vehicles will be repaired in the building, if building is for personal or business use, if heated, etc.)

E-MAIL CONSENT FORM

Consent to the e-mail delivery of PBI reports and related documents pertaining to this building permit is given to the following individuals involved in the construction project (note that owners should always include themselves on this form):

Title (Eg. Owner, Contractor)	Individual's Name	E-mail Address
Owner		

- Please note that failure to receive an e-mailed report or related document does not release the property owner(s) from their responsibility to comply in all regards with the building standards (Saskatchewan Uniform Building and Accessibility Standards Act, municipal building bylaws, and National Building Code of Canada).
- I declare that I am the **owner of this property** and I will notify PBI of any e-mail changes, if applicable.

Name: _____ **Signature:** _____ **Date:** _____

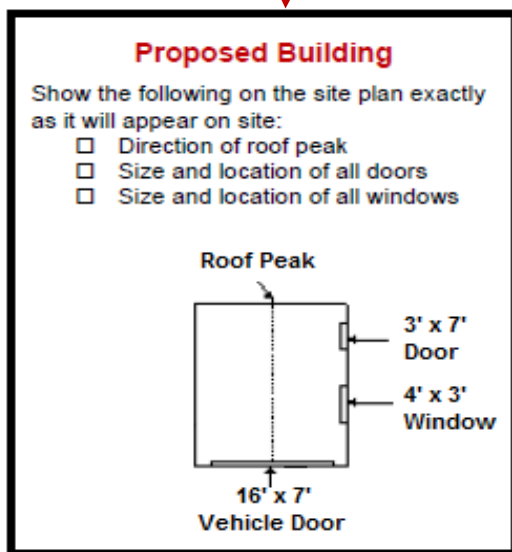
Detached Garage / Accessory Building / Boat House - PBI Specifications

* **NOTE:** Pole Building requires engineer-stamped designs for the building and its structural members (NBC A-9.23.1.1.)

(1) Provide a SITE PLAN sketch on a separate sheet and note the following:

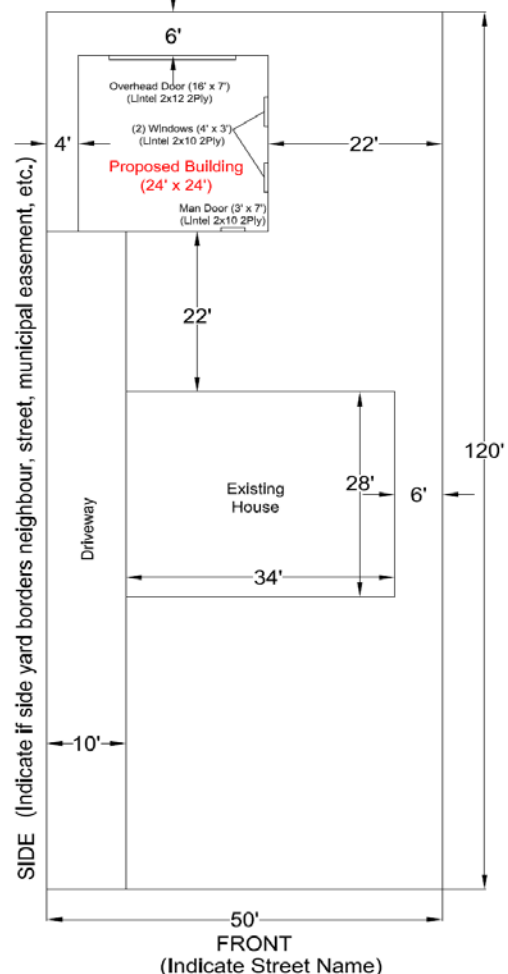
- Draw the **property (lot) shape** (rectangular, pie-shape, etc.)
- Indicate **North** direction.
- Note the **lot dimensions** (indicate ft or m): Front/Rear (width) / Side Yard (length)
- Indicate the **type of building** (e.g. detached garage, accessory building, boat house, etc.)
- Label the **street or road name** in the front yard (primary access).
- Note **what borders the property** on each side (lane, neighbour, street, park, lake, etc.)
- Draw the **existing house** on the lot (to scale.)
- Draw the **proposed building** on the lot (to scale). Show **stair detail**, if applicable.
- Note the building **dimensions** (indicate ft or m) - **Width** (rear facing) / **Length** (side facing)
- Note the **distance to the property lines** on all sides of the proposed building (indicate ft or m).
- Draw any **other buildings** on the same property (e.g. shed, etc.) and note their dimensions.
- Note the closest **distance** of the proposed building to the **house and other buildings** on the same property.
- Show the **location** of easements (state the width), retaining walls, lanes, driveways, etc.
- Show **direction of the roof peak** (using dotted line) for the proposed building ON THE SITE PLAN.
- Show **location and sizes of all doors and windows** for the proposed building ON THE SITE PLAN.

Site Plan Example



Dimensions (width x height)

REAR
(Indicate if back yard borders lane, park, neighbour, etc.)



*** Important:

- A plan review cannot be completed without a proper **Site Plan** submitted.
- If you have **Garage Package plans** from a supplier, please include a copy with your application.
- Note the header/lintel size and no. of plies** for each door and window in the proposed building. This information can be recorded on the site plan.
- Contact PBI at **(306) 536-1799** if you have any questions.

Owner Name: _____

Municipality: _____

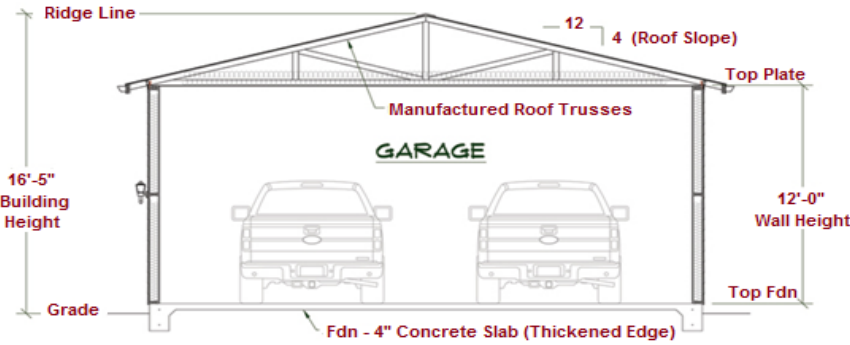
Owner: (Cell) _____ (H) _____

Jobsite Address: _____

(2) Complete ALL information below regarding the proposed building:

Building Dimensions (indicate feet or metres)

- Width** (front/rear facing): _____
- Length** (side lot facing): _____
- Height** (grade to ridge/roof peak): _____
- Size** (in ft²): _____



Roof Truss or Rafter Spacing:

- 16" o.c.
- 24" o.c.
- _____

Roof Slope (Pitch): (e.g. 4/12) _____

Roof Sheathing Type & Thickness:

- OSB Plywood _____
- 3/8" 7/16" _____

Roofing Material / Shingles:

- Asphalt Metal _____

Roof Overhang Width:

- 12" 24" _____

Wall Height: (Tall wall Eng design if exceeds NBC Table 9.23.10.1)

Foundation to Top Plate (note ft or m): _____

Engineered Roof Trusses by: (name of truss company)

- _____
- Rafters (supply design if not using roof trusses)

Foundation:

- Piles & Grade Beam (Engineer-stamped foundation designs are required)
- Concrete Slab Floor (Dimensions): _____ (W x L)
- Concrete Slab Thickness (Edge): _____ (inches)
- Concrete Slab Thickness (Interior): _____ (inches)

(NOTE: Thickened edge concrete slab is required if floor area is $\geq 55 \text{ m}^2$ (592 ft²). Engineer-stamped foundation designs are required for bldgs > 1,200 ft² or 1 storey.)

- Other Fdn Type: _____

Wall Stud Size & Spacing:

- 2" x 4" @ 16" o.c.
- 2" x 6" @ 24" o.c.
- _____ _____

Wall Sheathing Thickness & Cladding Type:

- 3/8" 7/16" _____
- Vinyl Siding Stucco _____

Wall Anchor Size & Spacing:

- 1/2" bolts @ 8' o.c. (maximum allowed)
- _____ _____ (if differs from above)

Overhead Doors: (Note size for each) (W" x H")

- 1 _____ 2 _____ 3 _____

Header Size: No. of Plies: (for Overhead Door(s))

- 2" x 10" 2 ply LVL (eng-stamped)
- 2" x 12" 3 ply _____

Windows: (Note size for each) (W" x H")

- 1 _____ 2 _____ 3 _____
- Note window header size and # of plies: _____

Will the building be insulated? (If yes, note type)

- No Yes _____
- Batt Foam Board Spray Foam

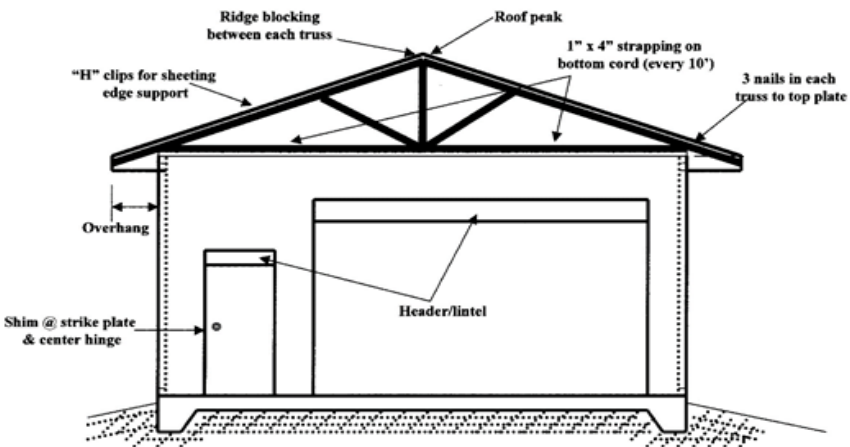
Heating Source? (If yes, note type) None

- Gas Furnace In-Floor Heat _____

Will there be sleeping rooms in the building?

- No Yes (note number of occupants) _____

Note: venting & attic hatch required if insulating



Number of Storeys:

- One Loft Two
- Access to 2nd level: Ladder Staircase

Will there be a bathroom in the building?

- No Yes (2 piece) Yes (3 piece)

This form clarifies the design option chosen for a new building, addition or major alteration to comply with NBC Section 9.36.

All calculations must be completed by a competent person* (or design professional if NECB 2017 is used) and be attached to this form to be considered complete and accepted for review.

* **Competent Person** 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.

Project Address		Application Number (Office Use):	
Occupancy Class			
Floor Area (m²)		Climate Zone	7A

Design Option:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prescriptive		Trade-Off	Performance
Complete Section 'A'		Complete Sections 'A & B'	Complete Section 'C'

Section A: Prescriptive

HRV / ERV: Yes No

Conversions:	
R = 5.678 x RSI	U = 1 / RSI

Effective Thermal Resistance of Above Ground Opaque Building Assemblies (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		
Floors within garage	4.86		

Thermal Characteristics of Fenestration, Doors and Skylights (U)			
Assembly	Efficiency		Proposed
Windows & Doors	Maximum U-Value	1.60 or	
	Minimum Energy Rating	≥ 25	
One door exception	Maximum U-Value	2.60	
Attic hatch	Minimum RSI _{eff}	2.60	
Skylights	Maximum U-Value	2.70	

Effective Thermal Resistance of Below-Grade or In-Contact-With-Ground Opaque Building Assemblies (RSI)			
Assembly	w/ HRV	w/o HRV	Proposed
Foundation Walls	2.98	3.46	
Slab On Grade With Integral Footing	2.84	3.72	
Unheated Floor Below Frost Line	uninsulated	uninsulated	
Unheated Floor Above Frost Line	1.96	1.96	
Heated Floors	2.84	2.84	

Section A: Prescriptive (Continued)

HVAC Equipment Performance Requirements				
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed
Gas Fired Furnace (w or w/o A/C)	≤ 65.9	CSA P.2	AFUE ≥ 92%	
	> 65.9 & ≤ 117.23	CAN/CSA-P.8	E _t ≥ 78.5%	
Electric Boiler	≤ 88	(1)		
Gas Fired Boiler	≤ 88	CSA P.2	AFUE ≥ 90%	
	> 88 & ≤ 117.23	AHRI BTS	E _t ≥ 83%	
Other				
Heat Loss / Gain Calculations	<input type="checkbox"/> Calculations were prepared in conformance with CSA F280			_____ BTU
Nomenclature	AFUE= annual fuel utilization efficiency, E _t = thermal efficiency			
Water Heater Performance Requirements				
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed
Tank Storage (Electric)	≤ 12 kW (50 L to 270 L capacity)	CAN/CSA-C191	SL ≤ 35 + 0.20V (top inlet)	
			SL ≤ 40 + 0.20V (bottom inlet)	
	≤ 12 kW (>270 L and ≤ 454 L capacity)		SL ≤ (0.472V) - 38.5 (top inlet)	
			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 _m		
Tank Storage (Gas Fired)	< 22 kW	CAN/CSA-P.3	EF ≥ 0.67 — 0.0005V	
	≥ 22 kW	ANSI Z21.10.3/CSA 4.3	E _t ≥ 80% and standby loss ≤ rated Input/(800 + 16.57)(√V)	
Tankless (Gas Fired)	≤ 73.2 kW	CAN/CSA-P.7	EF ≥ 0.8	
	> 73.2 kW	ANSI Z21.10.3/CSA 4.3 and DOE 10CFR, Part 431, Subpart G	E ≥ 80%	
Tankless (Electric)	No standard addresses the performance efficiency; however, their efficiency typically approaches 100%			
Other				
Nomenclature	EF = energy factor in %/h, E _t = thermal efficiency S = standby loss in %h, SL = standby loss in W, V = volume V _m = measured storage volume in US gallons			

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

Section B: Trade Off

All calculations must be completed by a competent person 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.

- Opaque to Opaque** – One or more above-ground opaque building envelope assemblies are permitted to be less than required, provided one or more above-ground opaque building envelope assemblies are increased to more than required.
 - Walls and joist type roofs must maintain minimum 55% of the required RSI_{eff}
 - All other assemblies must maintain minimum 60% of the required RSI_{eff}
 - The sum of the areas of all traded assemblies divided by their RSI_{eff} must be less than or equal to what it would have been if all assemblies had met NBC 9.36.2.6.

- Transparent to Transparent** – One or more windows are permitted to be less than required, provided one or more windows are increased to be more than required.
 - The traded windows must have the same orientation.
 - The sum of the areas of all traded windows divided by their RSI_{eff} must be less than or equal to what it would have been if all windows had met NBC 9.36.2.7.

- Opaque to Transparent** – This option is meant to allow reduced insulation for factory-constructed buildings with a low floor to ceiling height and a fenestration and door area to gross wall area ratio of 15% or less.

Section C: Performance

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 in order to be considered complete and accepted for review.

Input Parameters		Reference Model	Proposed Model
Airtightness (air exchanges per hour @ 50 Pa)			
Heat Loss / Heat Gain			
HRV efficiency			
Thermal mass (MJ/m ²⁰ C)			
Ventilation rate (l/s)			
Fenestration and door to wall ratio (FDWR) – reference (%)			
Direction of front elevation (clearly circle one)		N NE E SE S SW W NW	N NE E SE S SW W NW
Area of windows and doors	Front elevation (m ²)		
	Rear elevation (m ²)		
	Left elevation (m ²)		
	Right elevation (m ²)		
	Total area of windows (m ²)		
Total area of opaque doors (m ²)			
Energy use (GJ)			
Software Information			
Software Title		Version	
Is software Hot 2000 v15 or ANSI/ASHRAE 140 compliant?		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Declaration			
Firm Name		Name	
Address		Phone	
Address		Email	
<p><i>I hereby certify that the calculations submitted were prepared in full accordance with the operation procedures of the software and:</i></p> <p><input type="checkbox"/> Subsection 9.36.5. of NBC 2015,</p> <p><input type="checkbox"/> EnerGuide Rating System v15 w/ variance greater than or equal to 5% above the Reference Model (attach supporting documents)</p> <p><input type="checkbox"/> Alternative Solution – Specify: _____ (attach supporting documents)</p>			
Date		Signature	