

Building Permit Package New Residential Homes or Additions

*** IMPORTANT NOTICE***

Before proceeding with a building permit application, please make an appointment with our planning department for a zoning review.

A zoning review will determine if your proposed building meets all zoning requirements and will identify any land use issues before you proceed.

Compliance with the zoning by-law is a required part of the building permit process. All zoning requirements must be met before a building permit can be issued.

Please contact the planning department at 905-355-2821 ext. 227 or ext. 242 by email at planning@cramahe.ca



BUILDING PERMIT CHECK LIST

Completed building permit applications plus <u>all</u> supporting documentation can be submitted to the building department in two different ways:

- 1. You can submit your printed documents in person, or
- 2. You can submit your documents digitally via email.

If submitting your building permit application by email you will need to:

- ★ Email all documents to <u>building@cramahe.ca</u>
- ★ All documentation must be submitted in Microsoft Word or PDF format

_	Completed Building Permit Application
	Schedule 1 Designer Information form
	Completed owner's authorization form is required if the applicant is not the property owner
	Signed Setback Waiver form
	Completed Applicable Law Checklist
	1 PDF copy of building plans to be emailed to building department
	Residential Mechanical Heating/Ventilation Design (HVAC)
	Energy Efficiency Design Summary (EEDS)
	Applicable Law Checklist
	Application for plumbing and septic permit must be made to the County of Northumberland's Plumbing department. Submit your application at www.northumberland.ca/septicpermits .
	If the property does not already have an approved entrance, you will need to contact Public Works to apply for an Entrance Permit and 911 number. heather@cramahe.ca
	A Site Plan showing the following information:

- All structures on the property shown and identified
- Setbacks to all structures and proposed structures to be shown from lot lines
- Setbacks must show dimension to the front, rear, and side yard setbacks
- Dimensions of all structures
- Location of Septic System (Tank & Bed) & Well
- Distance from proposed structure to septic system and well

Application for a Permit to Construct or Demolish This form is authorized under subsection 8(1.1) of the Building Code Act.

For use by Principal Authority									
Application number:			P	Permit number (if different):					
Date received: Date issued:			R	Roll number:					
Application submitted to:CRAMAHE TOWNSHIP(Name of municipality, upper-tier municipality, board of health or conservation authority)									
A. Project information									
Building number, street nam	e						Unit number		Lot/con.
Municipality		Postal c	ode		Plan number/	other desc	cription		
Project value est. \$					Area of work	(m²)			
B. Purpose of applicati	on			L					
☐ New construction	Addition t existing b			Altera	tion/repair		Demolition		Conditional Permit
Proposed use of building			Current use of building						
Description of proposed work	N.								
• • • • • • • • • • • • • • • • • • • •	Applicant is:				A uthorized				
Last name		First nar	me		Corporation o	r partners	hip		
Street address							Unit number		Lot/con.
Municipality		Postal c	ode		Province		E-mail	•	
Telephone number () Fax ()							Cell number ()		
D. Owner (if different fr	om applicant)	1		ı					
Last name First name Corporation or partnership									
Street address	•					Unit number		Lot/con.	
Municipality Postal code			ode		Province		E-mail		
Telephone number Fax ()				l			Cell number		

E. Builder (optional)							
Last name	First name	Corporation or partnersh	nip (if applicable	e)			
Street address			Unit number	L	ot/con.		
Municipality	Postal code	Province	E-mail	·			
Telephone number ()	Fax ()		Cell number ()				
F. Tarion Warranty Corporation (Ontario	o New Home Warra	nty Program)					
 i. Is proposed construction for a new hom Plan Act? If no, go to section G. 	ne as defined in the <i>On</i>	tario New Home Warranties		Yes		No	
ii. Is registration required under the <i>Ontar</i>	io New Home Warranti	es Plan Act?		Yes		No	
iii. If yes to (ii) provide registration number	r(s):		1				
G. Required Schedules	(-)-						
i) Attach Schedule 1 for each individual who rev	 /iews and takes respon	sibility for design activities.					
ii) Attach Schedule 2 where application is to con	·						
H. Completeness and compliance with	applicable law						
i) This application meets all the requirements of clauses 1.3.1.3 (5) (a) to (d) of Division C of the Building Code (the application is made in the correct form and by the owner or authorized agent, all applicable fields have been completed on the application and required schedules, and all required schedules are submitted).						No	
Payment has been made of all fees that are regulation made under clause 7(1)(c) of the E is made.				Yes	۰	No	
ii) This application is accompanied by the plans resolution or regulation made under clause 7			law,	Yes		No	
iii) This application is accompanied by the information and documents prescribed by the applicable by- law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> which enable the chief building official to determine whether the proposed building, construction or demolition will contravene any applicable law.					No		
iv) The proposed building, construction or demol	ition will not contravend	e any applicable law.		Yes		No	
I. Declaration of applicant							
[] (print name)				_decla	re that:		
 The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership. 							
Date Signature of applicant							

Personal information contained in this form and schedules is collected under the authority of subsection 8(1.1) of the *Building Code Act, 1992*, and will be used in the administration and enforcement of the *Building Code Act, 1992*. Questions about the collection of personal information may be addressed to: a) the Chief Building Official of the municipality or upper-tier municipality to which this application is being made, or, b) the inspector having the powers and duties of a chief building official in relation to sewage systems or plumbing for an upper-tier municipality, board of health or conservation authority to whom this application is made, or, c) Director, Building and Development Branch, Ministry of Municipal Affairs and Housing 777 Bay St., 2nd Floor. Toronto, M5G 2E5 (416) 585-6666.

Schedule 1: Designer Information

Use one form for each individual who reviews and takes responsibility for design activities with respect to the project.

A. Project Information							
Building number, street name			Unit no.	Lot/con.			
Municipality	Postal code	Plan number/ other descript	ion				
B. Individual who reviews and takes	responsibili	ty for design activities					
Name		Firm					
Street address			Unit no.	Lot/con.			
Municipality	Postal code	Province	E-mail				
Telephone number	Fax number ()		Cell number				
C. Design activities undertaken by i Division C]	ndividual ide	ntified in Section B. [Bui	Iding Code Table	3.5.2.1. of			
☐ House	☐ HVAC -		☐ Building Stru				
☐ Small Buildings		g Services	☐ Plumbing – I				
□ Large Buildings□ Complex Buildings	■ Detection ■ Fire Properties	on, Lighting and Power	☐ Plumbing – A	All Buildings age Systems			
Description of designer's work		Steetion	G OH-Site Dew	age dystems			
D. Declaration of Designer							
1		dь	clare that (choose o	ne as annronriate).			
(print name		ue	ciare triat (crioose o	пе аз арргорпате).			
(print name)							
☐ I review and take responsibility C, of the Building Code. I am of Individual BCIN:	qualified, and the	e firm is registered, in the app					
Firm BCIN:							
☐ I review and take responsibility for the design and am qualified in the appropriate category as an "other designer" under subsection 3.2.5.of Division C, of the Building Code. Individual BCIN:							
Basis for exemption from	Basis for exemption from registration:						
-	☐ The design work is exempt from the registration and qualification requirements of the Building Code. Basis for exemption from registration and qualification:						
I certify that:	•						
The information contained in this s	chedule is true t	to the best of my knowledge.					
I have submitted this application w	ith the knowledg	ge and consent of the firm.					
Date Signature of Designer							

NOTE:

- 1. For the purposes of this form, "individual" means the "person" referred to in Clause 3.2.4.7(1) d).of Division C, Article 3.2.5.1. of Division C, and all other persons who are exempt from qualification under Subsections 3.2.4. and 3.2.5. of Division C.
- Schedule 1 is not required to be completed by a holder of a license, temporary license, or a certificate of practice, issued by the Ontario Association of
 Architects. Schedule 1 is also not required to be completed by a holder of a license to practise, a limited license to practise, or a certificate of
 authorization, issued by the Association of Professional Engineers of Ontario.



The Corporation of the Township of Cramahe Building Permit Authorization

If the applicant is not the owner of the land that is the subject of this application, the written authorization of the owner that the applicant is authorized to make the application must be included with this form or the authorization set out below must be completed.

Authorization of Owner to make the application:

I, ________, am the owner of the land that is the subject of this application and I authorize ________ to make this application on my behalf. Date Signature of Owner Date Signature of Applicant



Township of Cramahe – Building Department Set Back Waiver

	Permit Number
To the Township of Cramahe:	
Permit and/or general site review confirmation that all zoning setbacture but is not limited to separation of	edges that the issuance of a Building by the Building Department Staff is not cks have been adhered to. This includes structures to the high water mark, lot ructures. It is understood that it is the gent to meet the zone setback
Date	Owner/Agent (Please Print)
	Signature

Energy Efficiency Design Summary: Prescriptive Method (Building Code Part 9, Residential)

This form is used by a designer to demonstrate that the energy efficiency design of a house complies with the building code using the prescriptive method described in Subsection 3.1.1. of SB-12. This form is applicable where the ratio of gross area of windows/sidelights/glazing in doors and sliding glass doors to the gross area of peripheral walls is not more than 22%.

			For use by Pi					
Application No:	, , ,							
A. Project Information								
Building number, street name						Unit number	Lot/	(Con
Municipality		Postal	code	Reg. Pl	an number / other descrip	tion	L	
B. Prescriptive Com	pliance [ind	dicate the	building code co	mpliance	package being emplo	oyed in this house o	design]	
SB-12 Prescriptive (input design package): Package: Table:								
C. Project Design Con	ditions							
Climatic Zone (SB-1):	He		quipment Effic	ciency	Space Heating F			
□ Zone 1 (< 5000 degree days)		≥ 92% AF				□ Propane		olid Fuel
□ Zone 2 (≥ 5000 degree days)			92% AFUE			□ Electric	□ Ea	arth Energy
Ratio of Windows, Skylights	& Glass (W,	S & G) to	o Wall Area		Other Building		•	105.0
Aron of wolls	4 2				□ Log/Post&Bear			□ ICF Basement
Area of walls =m ² or	ıτ	W, S & G	6 % =		☐ Slab-on-ground ☐ Air Conditionin			
	+:1:-	ze window	averaging: □Y	⁄es ⊓No	☐ Air Sourced He	•		
Area of W, S & G =m ² or _	ft²	∠G WIIIUUW	averaging.	CO LINU	☐ Ground Source			
D. Building Specificati	<u> </u>	values an	d ratings of the	enerav eff			-	
Energy Efficiency Substi			395 3. 1.10			ı - FJ		
□ ICF (3.1.1.2.(5) & (6) / 3.1.1.	.3.(5) & (6))							
□ Combined space heating an		ater hea	ting systems (3.1127	7) / 3.1 1 3 (7))			
	a domicotic W	ator rica	9 0,0001113 (J. 1. 1.Z.(.,,, 0.1.1.0.(1))			
□ Airtightness substitution(s)	□ Table 3.1.1	4 B - Do-	auirad:		Dormit	ted Substitution:		
Airtightness test required						_		
(Refer to Design Guide Attached)	□ Table 3.1.1	.4.C Re	quired:		Permit	ted Substitution:		
			quired:			ted Substitution:		
Building Component			SI / R values m U-Value ⁽¹⁾		Building Comp	onent	Effici	iency Ratings
Thermal Insulation		ominal	Effective	Windo	ws & Doors Prov	vide U-Value ⁽¹⁾ or ER	R rating	
Ceiling with Attic Space					ws/Sliding Glass		J	
Ceiling without Attic Space				Skylights/Glazed Roofs				
Exposed Floor				Mechanicals				
Walls Above Grade					g Equip.(AFUE)			
Basement Walls					fficiency (SRE% at	· 0° C)		
Slab (all >600mm below grade)					Heater (EF)			
3 44 4					` '			# Showers
, , , , , , , , , , , , , , , , , , , ,				Combined Heating System				
(1) U value to be provided in either		Stu/(h_ft²-F) but not both		<u> </u>		1	
E. Designer(s) [name(s) 8				iding infor	mation herein to subs	stantiate that design	n meets the	e building code]
Qualified Designer Declaration								01
Name				BCIN	, 300.g.1 W	Signature		
						- 19.12.12		

Guide to the Prescriptive Energy Efficiency Design Summary Form

This form must accurately reflect the information contained on the drawings and specifications being submitted. Refer to Supplementary Standard SB-12 for details about building code compliance requirements. Further information about energy efficiency requirements for new buildings is available from the provincial building code website or the municipal building department.

The building code permits a house designer to use one of four energy efficiency compliance options:

- 1. Comply with the SB-12 Prescriptive design tables (this form is for this option (Option 1)),
- 2. Use the SB-12 Performance compliance method, and model the design against the prescriptive standards,
- 3. Design to Energy Star, or
- 4. Design to R2000 standards.

COMPLETING THE FORM

B. Compliance Options

Indicate the compliance option being used.

• <u>SB-12 Prescriptive</u> requires that the building conforms to a package of thermal insulation, window and mechanical system efficiency requirements set out in Subsection 3.1.1. of SB-12. Energy efficiency design modeling and testing of the building is not required under this option. Certain substitutions are permitted. In which case, the applicable airtightness targets in Table 3.1.1.4.A must be met.

C. Project Design Conditions

Climatic Zone: The number of degree days for Ontario cities is contained in Supplementary Standard SB-1 Windows, Skylights and Glass Doors: If the ratio of the total gross area of windows, sidelights, skylights, glazing in doors and sliding glass doors to the total gross area of walls is more than 17%, higher efficiency glazing is required. If the ratio is more than 22%, the SB-12 Prescriptive option may not be used. The total area is the sum of all the structural rough openings. Some exceptions apply. Refer to 3.1.1.1. of SB-12 for further details. Fuel Source and Heating Equipment Efficiency: The fuel source and efficiency of the proposed heating equipment must be specified in order to determine which SB-12 Prescriptive compliance package table applies. Other Building Conditions: These construction conditions affect SB-12 Prescriptive compliance requirements.

D. Building Specifications

Thermal Insulation: Indicate the RSI or R-value being proposed where they apply to the house design. Under the <u>SB-12 Prescriptive</u> option, alternative ICF wall insulation is permitted in certain conditions where other design elements meet higher standards. Refer to SB-12 for further details. Where effective insulation values are being used, the Authority Having Jurisdiction may require supporting documentation.

BUILDING CODE REQUIREMENTS FOR AIRTIGHTNESS IN NEW HOUSES

All houses must comply with increased air barrier requirements in the building code. Notice of air barrier completion must be provided and an inspection conducted prior to it being covered.

The air leakage rates in Table 3.1.1.4.A are not requirements. This provision is a voluntary provision for when credits for airtightness are claimed. Credit for air tightness allows the designer to substitute the requirements of compliance packages as set out in Table 3.1.1.4.B or 3.1.1.4.C. Neither the air leakage test nor compliance with airtightness targets given in Table 3.1.1.4.A are required, unless credit for airtightness is claimed. Table 3.1.1.4.A provides airtightness targets in three different metrics; ACH, NLA, NLR. Any one of them can be used. OBC Reference Default Air Leakage Rates (Table 3.1.1.4.A)

Decilation Temps	Airtightness Targets						
Building Type	ACH @ 50 Pa	NLA @	2 10 Pa	NLR @ 50 Pa			
Detached dwelling	2.5	1.26 cm ² /m ²	1.81 in ² /100ft ²	0.93 L/s/m ²	0.18 cfm50/ft ²		
Attached dwelling	3.0	2.12 cm ² /m ²	3.06 in ² /100ft ²	1.32 L/s/m ²	0.26 cfm50/ft ²		

The building code requires that a blower door test be conducted to verify the air tightness of the house during construction if the <u>SB-12 Prescriptive</u> option with airtightness credit being applied. Results of the airtightness test may need to be submitted to the Authority Having Jurisdiction. Airtightness of less than 2.5 ACH @ 50 Pa (or NLA or NLR equivalent) in the case of detached houses, or 3.0 ACH @ 50 Pa (or NLA or NLR equivalent) in the case of attached houses is necessary to meet the required energy efficiency standard.

E. House Designer

The building code requires designers providing information about whether a building complies with the building code to have a BCIN. Exemptions apply to architects, engineers and owners designing their own house.



Applicable Law Checklist This form is used to confirm approvals from other agencies that are required before a building permit can be issued

Address	Application No.	Date Received	
		YES	NO
Zoning Bylaws ◆ Township of Cramahe Planning Department			
Is/was relief required to permit a minor zoning variance in your proposal?			
Is/was rezoning required to permit the proposed building or land use?		_	Ē
Is the project/development subject to a section 39 amendment?			_
Is this property subject to a Minister's Zoning Order or Provincial Zoning Regu	ation?		
Is a land division or subdivision required and not yet fully completed?			
Are municipal services required but not yet completed or available?			
Planning Approval ◆ Township of Cramahe Planning Department			
Does this development require site plan approval from the Planning Departme			
Heritage ◆ Township of Cramahe Planning Department			
Are you demolishing a building that is listed on the Township's heritage invent	ory?		
Is the building designated or in the process of being designated?			
Is the property located in a heritage district or study area?			
Construction and Fill Permits ◆ Lower Trent Conservation			
Does the property abut Lake Ontario, watercourse, wetland or shoreline or is	t located in a regulated area?		
Building & Land Use Permits ◆ Ontario Ministry of Transportation	on and Northumberland County		
Is the property on a County Road?			
Is the property within 400 m the 401 Highway?			
Is a septic permit required?			
Has a septic permit been issued by the County of Northumberland?			
Environmental Approvals ◆ Ontario Ministry of Environment, Co			
Is an Record of Site Condition required to be filed because of a change to mo	e sensitive land use?		
Is the property a former or adjacent to a waste disposal site?			
Is this project a major industrial, commercial or government project?			
Is this a renewable energy project?			
Clean Water Act ◆ Trent Conservation Coalition Source Protection			
Is a Section 59 Clearance required to be issued by the Risk Management Off			
Does the project involve construction of a new building or addition within a We	III Head Protection Area?		
Agriculture and Farms ◆ Ontario Ministry of Agriculture, Food an	d Rural Affairs	<u>_</u>	
Is this a farm building that will house animals or manure?			
Is this property within 750 metres of a barn and/or manure storage?			
Education / Child Care Centres ◆ Ontario Ministry of Education			
Is a daycare proposed in any part of the building?		님	
Is this permit for the demolition of a school operated by the public or separate			
Seniors Centres ◆ Ontario Ministry of Community and Social Serv	ces		
Is this a seniors project where Ontario Government Funding is being sought?			Ш
Electrical Conductor Clearances ◆ Electrical Safety Authority Are any overhead electrical conductor wires within 3.7 m of the proposed build	ing?		
DECLARATION	iiig:		
I have considered the list of applicable laws in the Ontario Building Code and as describe	d ahove, and do hereby declare that:		
None of these applicable law approvals apply to this project.	a above, and do notoby dodale that.		
Applicable laws checked with a 'yes' apply to this project, and approval docu	ments are submitted with this application		
3. Applicable laws checked with a 'yes' apply to this project, however all approval.	• •		
The information provided on this form is true to the best of my knowledge. I have authorical application (if applicable).	-	or partnership with r	respect to this
Name of Applicant: Signature:	Date:		

Applicable Laws & Building Permits

The *Building Code Act* prohibits the issuance of a building permit if the proposed construction or demolition will contravene an applicable law as defined by the building code. Approvals from other agencies are required in many instances before a building permit can be processed and issued. These approvals are **not** administered by the Building Standards Department. The fastest way to obtain a building permit is to ensure all these other approvals are completed (or do not apply) before applying for a building permit. The Building Department is required by law to prioritize applications that are fully complete in terms of applicable law approvals and document submissions. Building permit documents must be consistent with applicable law approvals.

Zoning, Planning & Heritage

Contact: Township of Cramahe Planning and Development Department at 905-355-2821 planning@cramahe.ca

Planning Act, s.34, 34(4), 45 and Part VI

Zoning by-laws restrict such things as land use, lot size, building size and setbacks. If your project doesn't comply with any part of the zoning by-law, a minor variance or rezoning must be obtained before any building permit can be issued. Zoning by-laws also restrict the issuance of permits until any associated land division, subdivision or municipal servicing is complete.

Planning Act. s.41

Site Plan Approval is required for most new buildings and additions other than houses and accessory structures. The site plan agreement must be registered before site plans or building permits will be approved.

Ontario Heritage Act, s. 27, 30, 33, 34 40.1 & 42

The Township of Cramahe has designated certain heritage buildings and maintains a listing of buildings of heritage interest. Planning and/or Council approval for demolition, alteration and construction is required if your property is affected.

Conservation Authority Permits

Contact: Lower Trent Region Conservation Authority at 613-394-4829 information@ltc.on.ca

Conservation Authorities Act s. 28, Ontario Regulation 41/24

Development within certain conservation regulated areas requires a construction and fill permit from the conservation authority before any building permit can be issued. LTC will confirm if your property falls within their jurisdiction.

Highway Corridor Building & Land Use Permits

Contact: Ministry of Transportation www.mto.gov.on.ca Public Transportation and Highway Improvement Act, s.34, 38

Ministry authorization is required for construction of all buildings within certain distances of a highway or intersection. The requirement for Ministry authorization extends to 800m from a highway where development will generate major traffic, such as a shopping centre.

Transit Corridor Building & Land Use Permits

Contact: Ministry of Transportation www.mto.gov.on.ca

Building Transit Faster Act, 2020, s.o. 2020, c. 12

Ministry authorization is required for construction or alteration of a building or other structure within certain distances of a transit corridor. The requirement for Ministry authorization within transit corridor land or lands within 30 meters of a transit corridor.

Environmental Approvals

Contact: Ministry of the Environment, Conservation and Parks at 1-800-461-6290 Environmental Protection Act s. 46, 47.3,168 and the Environmental Assessment Act s 5.

Ministry of Environment approvals are required where a property of industrial or commercial use is change to more sensitive residential or parkland use, for major government, industrial and commercial projects where defined by regulation, properties formerly used for landfill or waste disposal, or renewable energy projects.

Electrical Conductor Clearances

Contact: Electrical Safety Authority at 1-877-372-7233

Certain minimum distances must be maintained from overhead electrical conductors, depending on their voltage.

Source Water Protection

Contacts: Risk Management Official (RMO) at 613-394-3915 x246 trentsourceprotection.on.ca

Lower Trent Conservation at 613-394-4829 information@ltc.on.ca

Clean Water Act s. 59

Special land use restrictions may apply if a water source protection plan is in effect in the area where the building is located. Uses affected by these restrictions require the approval of the designated risk management official. Properties located within a Highly Vulnerable Aquifer (HVA) are to contact the RMO. Properties located within the Well Head Protection Area (WHPA) are to contact the LTC (https://ltc.on.ca/watershed/drinking-water-source-protection/).

Agriculture and Farms

Contact: Ministry of Agriculture Food and Rural Affairs at 1-877-424-1300

Nutrient Management Act 2002 s. 11 reg 267/03, Milk Act s. 14

Buildings or structures that house animals or store manure may trigger a requirement for a nutrient management strategy approved by the Ministry. The Ministry must determine that a milk processing plant is necessary and authorize it before a building permit can be issued.

Child Care Centres

Contact: Ministry of Education at 1-877-510-5333

Day Nurseries Act s. 5 of reg 262

Ministry plan approval is required if a new building is proposed to be used as a day nursery, an existing building is proposed to be used, altered or renovated for a day nursery, or if an existing day nursery is altered or renovated.

Seniors Centres

Contact: Ontario Ministry of Community and Social Services at 1-888-789-4199

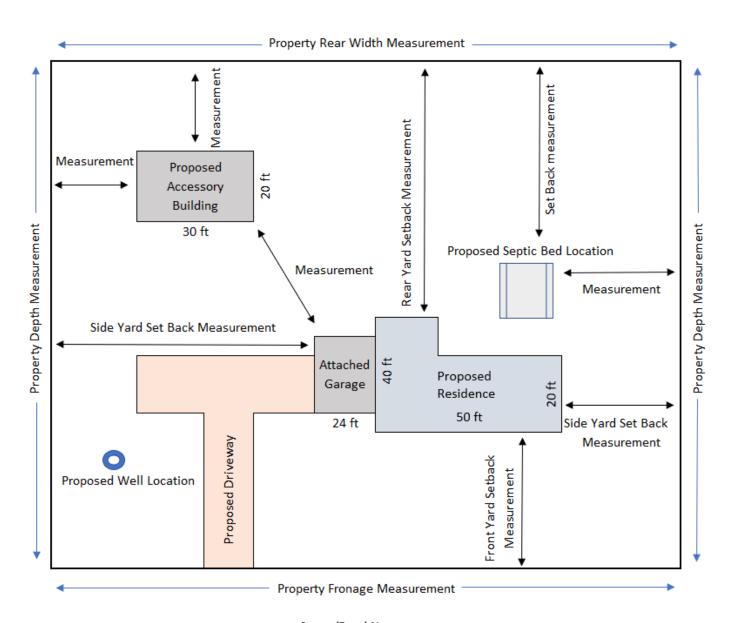
Elderly Persons Centres Act s. 6 of reg 314

Reports must be submitted to the Minister and approval obtained for all seniors centres to which government funding applies.

Applicable Law Checklist - April 2024



Site Plan Example - New Construction



Street/Road Name