



CHECKLIST: BUILDING PERMIT APPLICATION (MAJOR PROJECT)

Building permit applications must include the **below items in bold** to be accepted by Building Services. Applications may be refused if items are missing, not readable, or are incomplete.

- 1) **Two (2) page Building Permit Application to Construct or Demolish form**
- 2) **Schedule 1: Designer Information form**
- 3) **Owner's Responsibilities form**
- 4) **Agent Authorization form (not needed if homeowner is applicant/builder)**
- 5) **Energy Efficiency Design Summary (EEDS) – performance OR prescriptive**
- 6) **Heat loss/gain calculations with ventilation design OR letter of intent from the contractor/designer**
- 7) **Two (2) full-size sets and a PDF copy of construction drawings including all structural framing, floor plans, elevations, cross-sections, footings/foundation wall details, truss layout, etc. Only one (1) set of drawings is needed if it is legible at 11" x 17" or smaller.**
- 8) **Plot Plan – must show the following:**
 - **the total dimensions/area of the property and an arrow indicating North,**
 - **the location, dimensions and area of the dwelling in relation to the property,**
 - **the street or lane name, address and driveway location,**
 - **distance from any of the following items to the dwelling: property lines, existing and/or proposed structures, the high water mark, watercourse, any other waterbody, sewage system components (septic tank, leaching bed), overhead power lines.**

PDF copies of items 7 and 8 must be submitted electronically at the time of application.

A copy of any of the following items related to the property may also be requested as part of your permit application package: the deed or recent tax bill (proof of property ownership), the most recent land survey, the well record, and if applicable, a copy of the Development Agreement.

Conservation Authority's (CA) regulated area per O. Reg. 41/24 – for any project on your property that is close to or within the appropriate CA's regulated area, you must provide either:

- a copy of the approved permit from the CA for this project, or
- written confirmation (email) from the CA that a permit is **not** required from their office for this project.

Your project will be reviewed by South Frontenac's Planning Services for compliance with our Zoning By-law; if approved, you will be issued a Planning Compliance Certificate.

If you have already received a Planning Compliance Certificate from Planning Services for this project within the last 12 months, please include a copy with your permit application package.

A separate permit application for a sewage system must be submitted to Building Services when applying to build a new dwelling on a vacant lot. If decks are proposed as part of a new dwelling build, each deck requires a separate permit application to be submitted.

If civic addressing is also being requested for a driveway on a public road, you must submit an approved Entrance Permit. Apply for your Entrance Permit through Public Services, located at 2490 Keeley Road.



For use by Principal Authority

Application number:	Permit number (if different):
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Date received:	Roll number:
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Application submitted to: **Township of South Frontenac**
 (Name of municipality, upper-tier municipality, board of health or conservation authority)

A. Project information

Building number, street name	Unit number	Lot/con.
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Municipality	Postal code	Plan number/other description
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Project value est. \$	Area of work (m ²)
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B. Purpose of application

New construction	Addition to an existing building	Alteration/repair	Demolition	Conditional Permit
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Proposed use of building	Current use of building
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Description of proposed work

C. Applicant

Applicant is:		Owner or	Authorized agent of owner
Last name	First name	Corporation or partnership	

Street address	Unit number	Lot/con.
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Municipality	Postal code	Province	E-mail
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Telephone number	ext.	Fax	Cell number
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D. Owner (if different from applicant)

Last name	First name	Corporation or partnership
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Street address	Unit number	Lot/con.
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Municipality	Postal code	Province	E-mail
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Telephone number	ext.	Fax	Cell number
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E. Builder (if known)				
Last name		First name	Corporation or partnership (if applicable)	
Street address			Unit number	Lot/con.
Municipality		Postal code	Province	E-mail
Telephone number ext.		Fax		Cell number
F. New home construction licensing requirement				
i. Is the proposed construction for a new home as defined in the <i>New Home Construction Licensing Act, 2017</i> ? If no, go to section G.			Yes	No
ii. Is a licence required under the <i>New Home Construction Licensing Act, 2017</i> ?			Yes	No
iii. If yes to (ii) provide licence number(s): _____				
G. Required Schedules				
i) Attach Schedule 1 for each individual who reviews and takes responsibility for design activities.				
ii) Attach Schedule 2 where application is to construct on-site, install or repair a sewage system.				
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). Payment has been made of all fees that are required, under the applicable by-law, resolution or regulation made under clause 7(1)(c) of the <i>Building Code Act, 1992</i> , to be paid when the application is made.			Yes	No
ii) This application is accompanied by the plans and specifications prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> .			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.			Yes	No
iv) The proposed building, construction or demolition will not contravene any applicable law.			Yes	No
I. Declaration of applicant				
I _____ declare that: (print name)				
1. The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge.				
2. 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., 12th Floor. Toronto, ON M7A 2J3 (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 description	
B. Individual who reviews and takes responsibility for design activities			
Name	Firm		
Street address	Unit no.	Lot/con.	
Municipality	Postal code	Province	E-mail
Telephone number ext.	Fax number		Cell number
C. Design activities undertaken by individual identified in Section B. [Building Code Table 3.5.2.1. of Division C]			
House	HVAC – House	Building Structural	
Small Buildings	Building Services	Plumbing – House	
Large Buildings	Detection, Lighting and Power	Plumbing – All Buildings	
Complex Buildings	Fire Protection	On-site Sewage Systems	
Description of designer's work			
D. Declaration of Designer			
<p>I _____ declare that (choose one as appropriate):</p> <p style="text-align: center;">(print name)</p> <p>I review and take responsibility for the design work on behalf of a firm registered under subsection 3.2.4. of Division C, of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories.</p> <p>Individual BCIN: _____</p> <p>Firm BCIN: _____</p> <p>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.</p> <p>Individual BCIN: _____</p> <p>Basis for exemption from registration: _____</p> <p>The design work is exempt from the registration and qualification requirements of the Building Code.</p> <p>Basis for exemption from registration and qualification: _____</p> <p>I certify that:</p> <ol style="list-style-type: none"> 1. The information contained in this schedule is true to the best of my knowledge. 2. I have submitted this application with the knowledge and consent of the firm. <p style="margin-top: 20px;">_____</p> <p style="display: flex; justify-content: space-between; width: 80%; margin-left: auto; margin-right: auto;"> Date Signature of Designer </p>			

NOTE:

1. For the purposes of this form, “individual” means the “person” referred to in Clause 3.2.4.7(1) (c). 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.
2. 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 Professional Engineers Ontario.



OWNER RESPONSIBILITIES

Property owner(s): _____

Project address: _____

Phone number: _____ Email: _____

Roll number: _____

Lot/concession: _____ Registered Plan number: _____ Part(s): _____

To the Township of South Frontenac,

I declare that: I am the property owner listed above, or

I am the authorized agent of the property owner listed above.

As the property owner/authorized agent, I hereby acknowledge the following:

- The issuance of a Building Permit and/or a general site review by Building Services staff is not confirmation that all zoning setbacks have been adhered to. This includes but is not limited to separation of structures to the high water mark, lot lines, sewage systems, and other structures. It is understood that it is the sole responsibility of the property owner/authorized agent to meet the setback requirements set out in the South Frontenac Zoning By-law 2003-75, and
- Permit drawings and documents submitted with errors or omissions contained therein do not relieve the property owner and/or authorized agent from the responsibility of completing all work to meet or exceed the requirements of the Ontario Building Code, and
- The property owner(s) are obligated to arrange for the inspections indicated on the permit card issued for the project, and that no work will proceed until the Building Inspector has inspected the various stages of construction indicated on the permit card, and
- An Occupancy Permit **must be issued by a Township Building Official prior to any occupancy** of a seasonal or permanent residence, and
- If the property owner is a corporation or partnership, I have the authority to bind the corporation or partnership.

Building Permit Applicant Signature

Date

Note: the Ontario Building Code Act requires that any request for inspection is made at least two (2) regular business days in advance of the regular business day upon which the inspection is needed.



Agent/Owner Authorization Form

Permit #: PR

A. Project location:

Street address:

B. Authorized agent of owner:

Last name:

First name:

Corporation/partnership:

Street address:

Postal code:

Province:

Phone number:

Cell number:

E-mail:

C. Parties authorized to receive inspection reports:

Company/Contractor	Contact email	Trade specific reports	All reports
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

D. Declaration of Owner:

I, _____, being the registered owner of the above noted property hereby authorize the party stated in Section B of this form to make application for permit on my behalf to Building Services of the Township of South Frontenac in accordance with the applicable requirements of the Ontario Building Code for the purpose of the identified project.

All parties identified in Section C are hereby authorized to receive inspection reports as outlined above.

I, as the registered owner of the above noted property, wish to be copied on all communication throughout the application and review process.

I, as the registered owner of the above noted property, wish to receive a copy of all inspection reports.

Date:

Signature:

Note: It is the responsibility of the owner/authorized agent to provide the contact information in Section C and to update this information if there are any changes. If this information is not provided, any assigned inspection reports will only be sent to the applicant for the above noted project.

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/skylights/glazing in doors and sliding glass doors to the gross area of peripheral walls is not more than 22%.

For use by Principal Authority	
Application No:	Model/Certification Number

A. Project Information

Building number, street name	Unit number	Lot/Con
Municipality	Postal code	Reg. Plan number / other description

B. Prescriptive Compliance [indicate the building code compliance package being employed in this house design]

SB-12 Prescriptive (input design package): Package: _____ Table: _____

C. Project Design Conditions

Climatic Zone (SB-1):	Heating Equipment Efficiency	Space Heating Fuel Source
<input type="checkbox"/> Zone 1 (< 5000 degree days)	<input type="checkbox"/> ≥ 92% AFUE	<input type="checkbox"/> Gas <input type="checkbox"/> Propane <input type="checkbox"/> Solid Fuel
<input type="checkbox"/> Zone 2 (≥ 5000 degree days)	<input type="checkbox"/> ≥ 84% < 92% AFUE	<input type="checkbox"/> Oil <input type="checkbox"/> Electric <input type="checkbox"/> Earth Energy
Ratio of Windows, Skylights & Glass (W, S & G) to Wall Area		Other Building Characteristics
Area of walls = _____ m ² or _____ ft ²	W, S & G % = _____	<input type="checkbox"/> Log/Post&Beam <input type="checkbox"/> ICF Above Grade <input type="checkbox"/> ICF Basement <input type="checkbox"/> Slab-on-ground <input type="checkbox"/> Walkout Basement <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Combo Unit <input type="checkbox"/> Air Sourced Heat Pump (ASHP) <input type="checkbox"/> Ground Sourced Heat Pump (GSHP)
Area of W, S & G = _____ m ² or _____ ft ²	Utilize window averaging: <input type="checkbox"/> Yes <input type="checkbox"/> No	

D. Building Specifications [provide values and ratings of the energy efficiency components proposed]

Energy Efficiency Substitutions				
<input type="checkbox"/> ICF (3.1.1.2.(5) & (6) / 3.1.1.3.(5) & (6))				
<input type="checkbox"/> Combined space heating and domestic water heating systems (3.1.1.2.(7) / 3.1.1.3.(7))				
<input type="checkbox"/> Airtightness substitution(s) Airtightness test required (Refer to Design Guide Attached)	<input type="checkbox"/> Table 3.1.1.4.B Required: _____ Permitted Substitution: _____			
	<input type="checkbox"/> Table 3.1.1.4.C Required: _____ Permitted Substitution: _____			
	Required: _____ Permitted Substitution: _____			
Building Component	Minimum RSI / R values or Maximum U-Value ⁽¹⁾		Building Component	Efficiency Ratings
Thermal Insulation	Nominal	Effective	Windows & Doors Provide U-Value ⁽¹⁾ or ER rating	
Ceiling with Attic Space			Windows/Sliding Glass Doors	
Ceiling without Attic Space			Skylights/Glazed Roofs	
Exposed Floor			Mechanicals	
Walls Above Grade			Heating Equip.(AFUE)	
Basement Walls			HRV Efficiency (SRE% at 0° C)	
Slab (all >600mm below grade)			DHW Heater (EF)	
Slab (edge only ≤600mm below grade)			DWHR (CSA B55.1 (min. 42% efficiency))	# Showers _____
Slab (all ≤600mm below grade, or heated)			Combined Heating System	

(1) U value to be provided in either W/(m²•K) or Btu/(h•ft²•F) but not both.

E. Designer(s) [name(s) & BCIN(s), if applicable, of person(s) providing information herein to substantiate that design meets the building code]

Qualified Designer Declaration of designer to have reviewed and take responsibility for the design work.		
Name	BCIN	Signature

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.

- SB-12 Prescriptive 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 SB-12 Prescriptive 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.

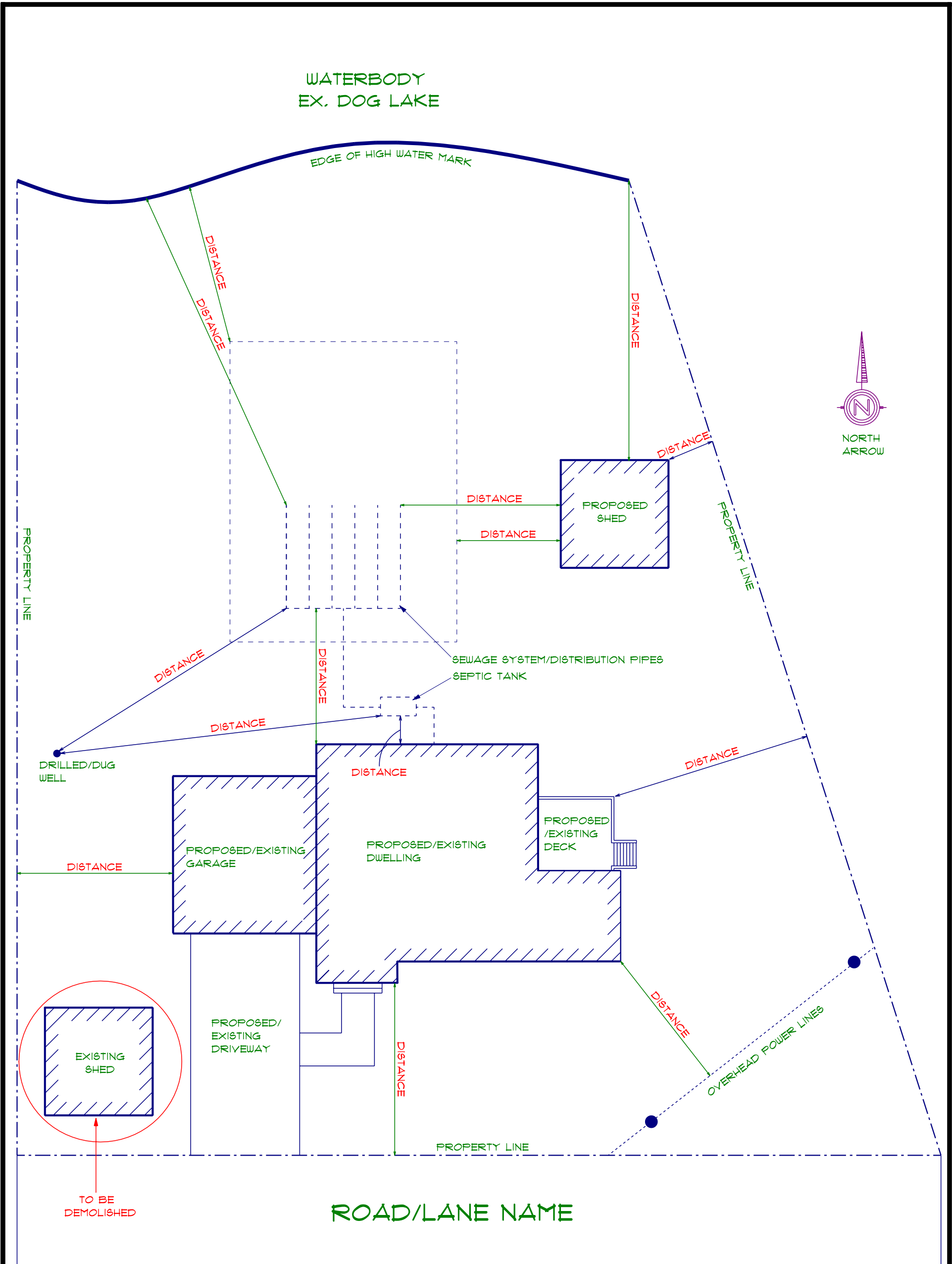
The air leakage rates in Table 3.1.1.4.A are not requirements. This provision is a voluntary provision for when credits for airtightness are claimed. Credit for air tightness allows the designer to substitute the requirements of compliance packages as set out in Table 3.1.1.4.B or 3.1.1.4.C. Neither 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)

Building Type	Airtightness Targets				
	ACH @ 50 Pa	NLA @ 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 SB-12 Prescriptive 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.



SAMPLE PLOT PLAN

PROPOSED NEW DWELLING/SHED

SCALE - 1/8"=1'-0"

1234 SOUTH FRONTENAC ROAD