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:		F	Permit number (if different):					
Date received: Roll number:								
Application submitted to THE CITY OF BELLEVILLE (Name of municipality, upper-tier municipality, board of health or conservation authority)								
A. Project information								
Building number, street name						Unit number		Lot/con.
Municipality	Postal cod	de		Plan number/oth	er des	description		
Project value est. \$				Area of work (m	²)			
B. Purpose of application								
an	dition to existing Iding		Altera	tion/repair		Demolition		Conditional Permit
Proposed use of building		Current	use of	building				
Description of managed week								
Description of proposed work								
	Owner							
Last name	First name	е		Corporation or p	artners			
Street address						Unit number		Lot/con.
Municipality	Postal cod	de		Province		E-mail		
Telephone number () Fax ()			Cell number ()					
D. Owner (if different from applicant)								
Last name	First name	е		Corporation or p	artners	ship		
Street address			I			Unit number		Lot/con.
Municipality	Postal cod	de		Province		E-mail		
Telephone number ()	Fax ()					Cell number		

E. Builder (optional)							
Last name	First name	Corporation or partners	hip (if a	pplicable)		
Street address			Unit n	umber		₋ot/con.	
Municipality	Postal code	Province	E-mai	il .			
Mariopanty	1 dotal dodd	1 TOVIIIOO		•			
Telephone number	Fax		Cell n	umber			
()	()	()					
F. Tarion Warranty Corporation (Ontario	New Home Warra	nty Program)					
 i. Is proposed construction for a new hon Plan Act? If no, go to section G. 	ne as defined in the O	ntario New Home Warranties	S		Yes		No
ii. Is registration required under the Ontai	rio New Home Warran	ties Plan Act?			Yes		No
			l			· L	
iii. If yes to (ii) provide registration number	r(s):						
G. Required Schedules							
i) Attach Schedule 1 for each individual who revii) Attach Schedule 2 where application is to con							
H. Completeness and compliance with a	applicable law						
i) This application meets all the requirements of					Yes		No
Building Code (the application is made in the applicable fields have been completed on the				_			
schedules are submitted).	; application and requ	neu schedules, and all requi	eu				
Payment has been made of all fees that are required, under the applicable by-law, resolution or							NIa
regulation made under clause 7(1)(c) of the <i>Building Code Act, 1992</i> , to be paid when the application						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</i> , 1992.							No
iii) This application is accompanied by the information and documents prescribed by the applicable by-							No
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.							
iv) The proposed building, construction or demolition will not contravene any applicable law.						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 partners	ship, I have the author	ity to bind the corporation or	partner	ship.			
Poto		of applicant					
Date	Signature	ог аррисант					

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		., , <u> </u>		
Building number, street name			Unit no.	Lot/con.
Municipality	Postal code	Plan number/ other desc	 cription	
D. In dividual color and a mariance and	* - -			
B. Individual who reviews and Name	takes responsibili	Ty for design activities	3	
Street address			Unit no.	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number ()	Fax number	1	Cell number	
C. Design activities undertaker Division C]	n by individual ide	ntified in Section B. [Building Code Ta	ble 3.5.2.1. of
☐ House		– House	☐ Building S	Structural
Small Buildings	Buildin	g Services	Plumbing	
☐ Large Buildings		on, Lighting and Power		– All Buildings
☐ Complex Buildings Description of designer's work	☐ Fire Pr	otection	☐ On-site S	Sewage Systems
(prir	it name)		_ declare that (choos	e one as appropriate
_		e firm is registered, in the		
Firm BCIN:				
☐ I review and take respor under subsection 3.2.5.0 Individual BCIN:	of Division C, of the B	and am qualified in the apuilding Code.	propriate category a	s an "other designer"
Basis for exemption	from registration:			
——————————————————————————————————————	•	on and qualification require		g Code.
certify that:				
 The information contained in 		-	-	
2. I have submitted this applica	tion with the knowled	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.
- 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 Association of Professional Engineers of Ontario.

Schedule 2: Sewage System Installer Information

A. Project Information								
Building number, street name			Unit number	Lot/con.				
Municipality	Postal code	Plan number/ other descr	iption					
B. Sewage system installer								
Is the installer of the sewage system engaged in the business of constructing on-site, installing, repairing, servicing, cleaning or emptying sewage systems, in accordance with Building Code Article 3.3.1.1, Division C? Yes (Continue to Section C) No (Continue to Section E) Installer unknown at time of application (Continue to Section E)								
C Pagistared installer information	n (whore enew	or to P is "Vos")						
C. Registered installer information	n (where answ	er to B is "Yes")	BCIN					
Traine			DOIN					
Street address			Unit number	Lot/con.				
Municipality	Postal code	Province	E-mail					
Telephone number	Fax ()	-	Cell number					
D. Qualified supervisor information	on (where answ	ver to section B is "Yes	·")					
Name of qualified supervisor(s) Building Code Identification Number (BCIN)								
E. Declaration of Applicant:								
1				declare that:				
(print name)								
☐ I am the applicant for the permit submit a new Schedule 2 prior to			er is unknown at time	e of application, I shall				
<u>OR</u>								
☐ I am the holder of the permit to construct the sewage system, and am submitting a new Schedule 2, now that the installer is known.								
I certify that:								
The information contained in this	 The information contained in this schedule 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						



AUTHORIZATION FROM PROPERTY OWNER for AGENT TO APPLY FOR BUILDING PERMIT ON THEIR BEHALF

I/we (Property	Owner(s)					,
(1 Toperty	Owner/s)					
Hereby authorize	(Agent)					,
To apply, on my/o		lding Permit on	my/our property loc	ated in the City	of Bellevill	e at:
Property Descrip	tion (legal, civic add	ress)				
Signature of Owr	ner	Date	Signature of Owner		Date	
DECLAR	CATION OF	VACANCY				
Where the applic	ation is for demoliti	on of a building	I/we hereby confirm	that the buildin	ng at	
Property Descrip	tion (legal, civic add	ress)				is vacant.
Signature of Owr	ner/Agent		Signature of	Owner /Agent		Date
PLANNI	NG SECTIO	N APPRO	OVAL (Require	d <u>PRIOR TO</u> a	pplication s	ubmission)
Planning Appro	oval: Signature of Plani	ner	Date:			
FEES Offi	ce use Only					
Building Permit	Plumbing Permit	Sewer Permit	Occupancy Permit	Surcharge	Totals	
\$	\$	\$	_ \$	\$	\$	
Development C	harges					
City Wide \$	Stanley	Park \$	South Loyalist \$	D	\$	
				Deposit	\$	

GRAND TOTAL \$_____

Applicable Law Compliance

The following questions must be answered in order to complete your application for building permit and to determine if approvals are required from any other agency before your building permit can be issued.

Completing this form accurately and providing any other required approvals at application time will help

expedite the processing of your building permit.

Question	Yes	No	Comments
Is the building used as a daycare?			
Is the permit for the demolition of a school?			
Is the building used as a funeral home?			
Is the building used for processing milk?			
Is the building used to house farm animals?			
Is there a farm, feedlot or manure storage within 500m?			
Is the building used for manure storage?			
Is the building located on public land?			
Are Development Charges applicable?			
Is conservation authority approval required?			
Is there a lake, river, creek, stream, pond or wetland on or within 500m of the property?			
Is there a provincial highway within 800m?			
Is there a railway within 500m of the property?			
Is Health Unit approval required (food)?			
Is the building used as a charitable institution?			
Is the building used as a seniors home?			
Is the building used as a seniors centre?			
Is the building used as a nursing home?			
Is the property use changing to residential?			
Is Ministry of Environment approval required?			
Was the property used as a disposal site?			
Is there a septic system on the property?			
Is the building a designated heritage building?			
Is the permit to demolish a heritage building?			
Is site plan approval required?			
Is the permit for a mobile, park model or modular home?			
Is zoning by-law relief required? (Confirm with Planning Section)			

Statement Regarding Required Inspections

To: City of Belleville Building Inspection Department (civic address) _____(owner / authorized agent) understand that it is my responsibility to call the City of Belleville Building Inspection department for the required inspections listed below. I also understand the person in charge of the construction of the building shall have the permit or a copy of the permit posted at all times during the construction or demolition in a conspicuous place on the property and shall keep and maintain on the site of the construction at least one copy of the drawings and specifications stamped as site copy by the City of Belleville Building department. I further acknowledge and understand that my failure to do so may result in work orders being levied against the property and further that I will be required to uncover any and all work that is covered or enclosed prior to the work being inspected by the City. Further I also understand that all expenses related to the uncovering or exposing of work for the purposes of inspection will be at my expense. It is further acknowledged that I will not expect or knowingly allow City Building Officials to enter or remain in any place or situation deemed unsafe according to the Occupational Health & Safety Act that I am responsible for and that this does not relieve me from having the required inspections conducted and completed by the City Building Division. **Required Inspections:** ** Minimum 48 Hours notice required for each inspection ** Ensure that plans are on site for all inspections 1. Services (prior to covering) 2. Excavation (prior to pouring footings) 3. Foundation (prior to backfilling) 4. Underground Plumbing (prior to covering) 5. Framing, Plumbing and Mechanical Rough-in (prior to insulation) *framing inspection will not be conducted separately. 6. Septic system 1) Prior to covering; 2) Final 7. Wood Burning Appliance 8. Insulation & vapour barrier (prior to drywall) 9. Fire Separations & Fire stopping 10. Prior to filling a swimming pool with water 11. Prior to Occupancy Union Energy and Electrical Safety Authority Inspection required before Occupancy will be permitted. 12. Other Date Signature

NOTE: INSPECTIONS WILL NOT BE CONDUCTED WHERE PERMIT HAS NOT BEEN PICKED UP

MUNICIPALITY OF THE CITY OF BELLEVILLE - OFFICE OF THE CHIEF BUILDING OFFICIAL TELEPHONE 1-613-967-3204 FAX: 1-613-967-3262

PLUMBING INFORMATION Plumbing Contractor must have a current City of Belleville Plumbing Licence-By-law 2006-140 Schedule F

\$ CA	FEES: * TOTAL FIXTURES: (Plus Residential \$15.00/unit OR Instit., Comm., Indust., G Plus INGROUND PLUMBING: (ONLY Instit., Comm., In TOTAL FEES: ER UNIT CHARGE ATCHBASINS \$40.00 ANHOLES \$40.00 OTAL FEES: \$) X \$7.00 = Gov't. \$75.00 \$50.00 ndust., Gov't., Mtp	\$ \$ \$ pl. Dwellings) \$ MUM FEE: \$50.00
FEE * PE \$ CA \$ MA	TOTAL FIXTURES: (Plus Residential \$15.00/unit OR Instit., Comm., Indust., G Plus INGROUND PLUMBING: (ONLY Instit., Comm., In TOTAL FEES: ER UNIT CHARGE ATCHBASINS \$40.00 ANHOLES \$40.00	\$50.00 \$50.00 ndust., Gov't., Mtr	\$ sol. Dwellings) \$ MUM FEE: \$50.00
\$ CA	ATCHBASINS \$40.00 ANHOLES \$40.00	NO. OF	\$
\$ CA	ATCHBASINS \$40.00 ANHOLES \$40.00		\$
•			\$
\$ T	NTAL FFFS: \$		
•		*	MIN. FEE: \$25.00
F PIPE DIAMETER FOR E S ARE REQUIRED FOR A BLE FROM PUBLIC WOR	ALL WORK WITHIN CIT	Y ROAD ALLO	OWANCES
N – CLASS 2 TO <u>5</u>			
rinals Washbasins Showers or Bathtubs		l well 🏻 Drilled W	/ell □ Municipal
other attachments.			
Directions to lot (Highway No.,	Secondary Roads, Signs to Follow,	etc.)	
_		rc. Time	
	n - CLASS 2 TO 5 Tinals Washbasins Showers or Bathtubs other attachments. Directions to lot (Highway No.,	M - CLASS 2 TO 5 Tinals Washbasins Showers or Bathtubs Proposed Dug or bored or Dug or bored or Other Tother attachments. Directions to lot (Highway No., Secondary Roads, Signs to Follow, Secondary Roads, Se	Washbasins Showers or Bathtubs





Effective January 1, 2014

Ontario Building Code Proposed Requirements Residential Sewage Disposal System

Name:		Address:		Tel: ()
1.	Sewage Flow a) Number of bedrooms:		=	Litres (1)	
	b) Living Space: Each 10 m² over 200m² up to 400 Each 10 m² over 400m² up to 600		=	Litres	Litres (2)
		OR ADD (whicheve	r is the larger fl	ow)	
	c) Total Fixture Units: Each Fixture Unit Over 20:	x 50	=	Litres (3)	
2.	Septic Tank Size Residential Occupancy: Sewage		=	(Add 1 + 2 or 3) Litres (Minimum mend	n – 3600 Litres)
3.	Leaching Bed Size Length of Pipe = Sewage Flow x Period 200	ercolation Time	Recom	menu	_ Liuc Tank
	$L = \frac{QT}{200} = \underline{\qquad \qquad }$	= Rounded to:	m. of t		_ ft. of trench _ ft. of trench
4.	Loading Rate for Fill-Based Abso	orption Trenches and Filte	er Beds		
	Loading Rates Percolation Time 1-20 20-35 35-50 > 50 Sewage Flow ÷ Loading Rate	$ \begin{array}{c c} 10 \\ 8 \\ 6 \\ 4 \end{array} $ $= m^2 \text{ of co}$		Depth (metres)	CONDITION Soil Type
5.	÷ ————————————————————————————————————	=	$5 = m^2$	i -	
	Sewage Flow > 3000 Litres/Day:	Sewage Flow ÷ 7. = m² of fil		Show Water Table	
6.	Filter Bed Contact Area of Filter Area = Sewage Flow x Percolation 850		ontact area	Show Water Factor	
	$A = \frac{QT}{850} = \frac{x}{850}$	= m ² of co	ontact area		
	Expanded contact area is to be no	less than the filter bed si	ize.		
	Owner/Contractor/Designer's Na	me:			
Signatu	ıre:			Date:	

Energy Efficiency Design Summary

(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 For use by Principal Authority Application No: Model/Certification Number A. Project Information Building number, street name Municipality Reg. Plan number / other description B. Compliance Option [indicate the building code compliance option being employed in this house design] □ SB-12 Prescriptive (circle one): A B C D E F G H I J K L M or ☐ Table 2.1.1.10. (Additions) □ prescriptive trade-offs used (Specify 2.1.1.2. or 2.1.1.3. sentences being employed): * Attach energy performance calculations using an approved software ☐ **SB-12** Performance* [SB-12 - 2.1.2.] * Attach Builder Option Package [BOP] form ☐ *Energy Star*®* [SB-12 - 2.1.3.] * House must be evaluated by NRCan advisor and meet a rating of 80 ☐ EnerGuide 80® * C. Project Design Conditions Climatic Zone (SB-1): Heating Equipment Efficiency **Space Heating Fuel Source** □ Zone 1 (< 5000 degree days) □ ≥ 90% AFUE</p> □ Propane □ Solid Fuel □ Gas □ Oil □ Electric □ Earth Energy Ratio of Windows, Skylights & Glass (W, S & G) to Wall Area Other Building Conditions Area of walls = □ ICF Basement □ Walkout Basement □ Log/Post&Beam m² $W, S \& G \% = ___$ Area of W, S & G = □ ICF Above Grade □ Slab-on-ground D. Building Specifications [provide values and ratings of the energy efficiency components proposed, or attach Energy Star BOP form] **Building Component** RSI / R values **Building Component Efficiency Ratings Thermal Insulation** Windows & Doors Provide U-Value in W/m².K, or ER rating Ceiling with Attic Space Windows/Sliding Glass Doors Skylights/Glazed Roofs Ceiling without Attic Space **Exposed Floor** Mechanicals Walls Above Grade Heating Equip.(AFUE or condensing type) **Basement Walls** HRV Efficiency (SRE% at 0°C) Slab (all >600mm below grade) DHW Heater (EF) DWHR (CSA B55.1 Efficiency) Slab (edge only ≤600mm below grade) Slab (all ≤600mm below grade, or heated) E. Performance Design Verification [complete applicable sections if SB-12 Performance, Energy Star or Energy St SB-12 Performance: The annual energy consumption using Subsection 2.1.1. SB-12 Package_ is_____Gj (1 Gj =1000Mj) The annual energy consumption of this house as designed is The software used to simulate the annual energy use of the building is: The building is being designed using an air leakage of _____ air changes per hour @50Pa. Energy Star: Submit the BOP form with Energy Advisor's certification on completion. Energy Star and EnerGuide80: Evaluator/Advisor/Rater Name: Evaluator/Advisor/Rater Licence #: F. House Designer [name & BCIN, if applicable, of person providing information herein to substantiate that design meets the building code] Name BCIN Signature

Form authorized by OHBA, OBOA, LMCBO. Revised November 27, 2013

Guide to the 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,
- 2. Use the SB-12 Performance compliance method, and model the design against the prescriptive standards,
- 3. Design to Energy Star standards, or
- 4. Evaluate the design according to *EnerGuide* technical procedures and achieve a rating of 80 or more.

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 2.1.1. of SB-12. Energy efficiency design modeling and testing of the building is not required under this option. Certain trade-off options are permitted.
- <u>SB-12 Performance</u> refers to the method of compliance in Subsection 2.1.2. of SB-12. Using this approach the designer must use recognized energy simulation software (such as HOT2000 V9.34c1.2 or newer), and submit documents which show that the annual energy use of the building is equal to a prescriptive package.
- <u>Energy Star</u> houses must be designed to <u>Energy Star</u> requirements and verified on completion by a licensed energy evaluator and/or service organization. The <u>Energy Star BOP</u> form must be submitted with the permit documents.
- <u>EnerGuide80</u> houses are validated by NRCan authorized energy advisors and must achieve a rating of 80 or more when evaluated in accordance with EnerGuide administrative and technical procedures.

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 2.1.1.1. 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, RSI 3.52 wall insulation is permitted in certain conditions where other design elements meet higher standards. Refer to SB-12 for further details.

E. Performance Design Summary

This section is not required to be completed if the SB-12 Prescriptive option is being used.

F. 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.

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 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 Performance</u> option is used and an air tightness of less than 2.5 ACH @ 50 Pa in the case of detached houses, or 3.0 ACH @ 50 Pa in the case of attached houses is necessary to meet the required energy efficiency standard. A blower door test must also be conducted if the *EnerGuide 80* option is used.

ENERGY EFFICIENCY LABELING FOR NEW HOUSES

Energy Star and EnerGuide may issue labels for new homes constructed under their energy efficiency programs. The building code does not currently regulate or require new home labelling.