Building DivisionResidential Interior Alteration/Renovation Permit Application Guide



Description

A building permit for an interior alteration or renovation to a small residential building, single detached dwelling, semi-detached dwelling or a townhouse.

General Information

A building permit is required to add or remove any structural component(s) of a building. A permit is also required to install new or repair existing plumbing in a building or part thereof, change the fuel source of a fireplace from gas-fired to solid burning (wood) or to change the use and/or classification of a building or dwelling.

Additional Requirements prior to building permit application

The Building Code Act prohibits the issuance of a Building permit if the proposed construction or demolition contravenes any Applicable Law as defined in the Ontario Building Code. Furthermore, applications that do not have the required Applicable Law documentation with their building permit submission will not be processed.

Please verify all approvals that may be necessary prior to submitting your application to construct. The following are examples:

- Site Plan Development Approval/Agreement (King Townships Planning Department)
- Zoning Certificate (King Townships Planning Department)
- Oak Ridges Moraine Conformity (King Townships Planning Department)
- Lake Simcoe Region Conservation Authority or Toronto Region Conservation Authority

Required Drawings

Survey or Site Plan – *Required for new openings

Survey or Site Plan, referenced to a current survey, showing the size and location of the existing structure, as well as distances to property lines and adjacent structures.

Floor Plans & Elevations - Architectural & Structural

Fully dimensioned plans, for each floor level showing existing and proposed uses of all spaces. Provide existing and proposed construction including footing, foundation and exterior wall construction, interior partitions and all structural framing components. Drawings are to show location of smoke alarms, carbon monoxide detectors and all plumbing fixtures including existing and proposed. Provide all four exterior elevations with floor to ceiling heights and overall building height.

Sections & Details

Cross section(s) to show existing/proposed building construction and specifications of all floor, wall and roof assemblies. Provide footing and foundation wall details including height of exterior grade above basement floor. Show floor to ceiling height and overall building height calculated to the midpoint of the roof or as per the zoning by-law standard. Detail stairs, landings, headroom, guards and handrails heights as well as any structural connections and specifications where required.

HVAC Mechanical Drawings and calculations

Where required, floor plans illustrating the layout of mechanical systems for each floor showing ducts, return and supply air location, stacks size and type of HVAC equipment. Calculations for heat loss, heat gain, duct design and mechanical ventilation.

Plumbing Data Sheet

Where an alteration or renovation includes plumbing and is serviced by municipal sewers a plumbing data sheet is required.

Sewage System Evaluations or Upgrade

Where a dwelling is serviced by a private on-site sewage system the "Sewage System Evaluation and Declaration" is required in order to ensure the continuity of the systems performance. In accordance with Ontario Building Code Div B 11.4.2.5 (3), the performance level is reduced where proposed construction will either:

- a) increase the number of bedrooms in the dwelling unit,
- b) exceeds 15% of the finished floor area of the dwelling unit, OR
- c) adds new plumbing fixtures to the dwelling unit,

And therefore resulting in a total daily design sanitary sewage flow exceeding the capacity of any component of a sewage system serving the dwelling unit.

Refer to Ontario Building Code Div B 11.4.2.5 (1)(2) & (4) for effects on performance level.

Required Forms

- Application for a Permit to Construct or Demolish
- Schedule 1 Designer Information * (if required)
- Sewage System Evaluation and Declaration (for properties with private on-site sewage systems)
- Energy Efficiency Design Summary * (when HVAC alterations apply)
- Plumbing Data Sheet (required for dwellings serviced by municipal sewers)
- Owner's Authorization Form

Exemptions - Schedule 1

If drawings are prepared, stamped and signed by a Professional Engineer or Architect licensed to practice in Ontario, they are exempt from submitting a Schedule 1. Property owners may prepare and submit drawings for residential interior alterations or renovations, however the scope of work undertaken by a homeowner must stay within the design limits of Part 9 of the Ontario Building Code. Homeowners may fill in the Schedule 1 form to take responsibility for the design activities being carried out.

Required Fees - Residential

Building permit application fees can be found on the Townships website here: Fees and Charges By-Law

Permit Fee	As Per Fees and Charges By-Law
Municipal Security Deposit - all Municipal roadways *if applicable	\$1,000 - \$5,000

Apply Online

All applications for building permits are to be submitted online. To submit an application for building permit applicants will be asked to provide the above forms, fees and digital copies of the specified drawings. For further information regarding online submission application requirements please visit our Website page Electronic Building Permit Application.

Should you have any questions or require clarification please contact the Building Division, King Township, 2075 King Road, King City, L7B 1A1 (905) 833-5321

Application for a Permit to Construct or Demolish This form is authorized under subsection 8(1.1) of the Building Code Act, 1992

For use by Principal Author	ority							
Application number:			Permit number (if different):					
Date received:	reived:			Roll number:				
Application submitted to:								
	Name of municipalit	ty, upper-tie	er munic	cipality, bo	ard of health or con	servation	authority)	
A. Project information							I loit accords a s	L at/ana
Building number, street name							Unit number	Lot/con.
Municipality		Postal co	ode		Plan number/oth	her desc	cription	
Project value est. \$					Area of work (m	1 ²)		
B. Purpose of application								
New construction	Addition t existing bui			Alteratior		Г	Demolition	Conditional Permit
Proposed use of building			Curre	ent use of building				
Description of proposed work								
C. Applicant	Applicant is:	Owne		Au	thorized agent of		L:-	
Last name		First nan	ne		Corporation or p	partners	nıp	
Street address							Unit number	Lot/con.
Municipality		Postal code			Province		E-mail	
Telephone number		Fax				Cell number		
D. Owner (if different from	n applicant)	<u> </u>						
Last name		First nan	ne		Corporation or p	oartners	hip	
Street address		<u> </u>					Unit number	Lot/con.
Municipality		Postal co	ode		Province		E-mail	
Telephone number		Fax					Cell number	

E. Builder (optional)						
Last name	First name	Corporation or partnersh	nip (if applicable)			
Street address			Unit number	Lot/con.		
Municipality	Postal code	Province	E-mail			
Walliopality	l dotal oddo	1 TOVIIIOO	L man			
Telephone number	Fax		Cell number	ell number		
F. Tarion Warranty Corporation (Ontario						
 i. Is proposed construction for a new hor Plan Act? If no, go to section G. 	e as defined in the C	Intario New Home Warranties	Yes	s No		
ii. Is registration required under the Ontar	io New Home Warrar	nties Plan Act?	Yes	s No		
iii. If yes to (ii) provide registration number	(s):					
G. Required Schedules		9 99 8 1 1 2 21 52				
i) Attach Schedule 1 for each individual who rev	•					
ii) Attach Schedule 2 where application is to con	struct on-site, install o	or repair a sewage system.				
H. Completeness and compliance with a	pplicable law					
i) This application meets all the requirements o			Yes	s No		
Building Code (the application is made in the applicable fields have been completed on the						
schedules are submitted).		•				
Payment has been made of all fees that are r regulation made under clause 7(1)(c) of the E			Yes	s No		
application is made.						
ii) This application is accompanied by the plans resolution or regulation made under clause 7	-law, Ye	s No				
iii) This application is accompanied by the inform				s 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 demol	ition will not contrave	ne any applicable law.	Yes	s No		
I. Declaration of applicant			_			
(print name)			de	clare that:		
(1						
1. The information contained in this applic		dules, attached plans and spe	cifications, and oth	er attached		
documentation is true to the best of my 2. If the owner is a corporation or partners		rity to hind the corporation or a	nartnershin			
2. If the owner is a corporation of partiters	mp, i nave me aumoi	nty to billy the corporation of p	ραιτιστοπρ.			
Date	Signotur	e of applicant		_		
Date	Signature	ε οι αμμιτατιί				

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 description B. Individual who reviews and takes responsibility for design activities Name Street address Unit no. Lot/con. Municipality Postal code Province E-mail Telephone number Fax number Cell number C. Design activities undertaken by individual identified in Section B. [Building Code Table 3.5.2.1. of **Division C1** HVAC - House **Building Structural** House Small Buildings **Building Services** Plumbing - House Large Buildings Detection, Lighting and Power Plumbing - All Buildings Complex Buildings On-site Sewage Systems Fire Protection Description of designer's work **Declaration of Designer** declare that (choose one as appropriate): (print name) 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. Individual BCIN: 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 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: 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.

NOTE:

Date

- 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 Association of Professional Engineers of Ontario.

Signature of Designer

Building DivisionLetter of Authorization



Information	
Property Address:	
Legal Description:	
Roll Number:	
Personal Information	
Name:	
Phone No.:	
Address:	
Email:	
Authorizing Letter	
To Whom it May Concern:	
I/We, the above, do give our agent in applying to the Township of King for a building permit for t	permission to act as the following projects:
(check all that apply)	
 □ Demolition of Accessory Structure □ Demolition of Residential Building □ Demolition of Commercial/Industrial Building □ Construction of Dwelling □ Addition to Dwelling □ Construction of Accessory Structure □ Construction of a Deck □ Construction of Commercial/Industrial Building □ Renovation to Existing Building □ Other: (please specify) 	
Property Owner Signature: Da	ate:
Property Owner Signature: Da	ate:
Authorized Agent Signature: D	ate:

Building Division Sewage System Evaluation Declaration



A. Project Information							
Building number, street name	Unit number		Lot/Con				
Municipality	Postal Code Plan number		per				
B. Individual who reviews and takes responsibility for design	gn activities (One form	per individual)					
Name	Firm						
Building number, street name	Unit number	Lot/Con					
Municipality	Postal Code	Plan numb	per				
Phone Number	Email						
C. Declaration of Designer	<u> </u>						
 I							
Individual BCIN:	BCIN: 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 Ontario Building Code. Individual BCIN:							
I certify that: 1. The information contained in this schedule is true to	the best of my kno	wledge					
I have submitted this application with the knowledg	•	_					
Date:	Signature:						

For the purpose 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 of the Ontario Building Code.

The Township of King assumes no responsibility regarding the proposed sewage system verification and maintenance/operation of the sewage system mentioned in this document. It is the sole responsibility of the owner to maintain their sewage system in accordance with Division B 8.9.3 of the Ontario Building Code.



Energy Efficiency Design Summary (Part 9 Residential)

This form is used to summari	ze the ene	ergy efficie	ency design of	the project. Information	on completing this i	orm is on the reverse		
		For use by P	incipal Authority					
Application No:				Model/Certification Number				
A. Project Information								
Building number, street name					Unit number	Lot/Con		
Municipality		Postal	code	Reg. Plan number / other des	scription			
B. Compliance Option								
☐ SB-12 Prescriptive [SB-1	2 - 2.1.1.]		Table:	Package: A B	CDEFGH	I J K L M (circle one)		
☐ SB-12 Performance* [SE	3-12 - 2.1.2	.]	* Attach en	ergy performance calc	ulations using an	approved software		
☐ Energy Star®* [SB-12 - 2.1	.3.]		* Attach Bu	ilder Option Package t	form			
☐ EnerGuide 80®*			* House mu	ıst be evaluated by NF	RCan advisor and	meet a rating of 80		
C. Project Design Condi	itions		ı					
Climatic Zone (SB-1):			ent Efficiency	Space Heating Fuel	Source			
□ Zone 1 (< 5000 degree days)	□ ≥ 90%	_		□ Gas	□ Propane	□ Solid Fuel		
☐ Zone 2 (≥ 5000 degree days)		s < 90% A	FUE	□ Oil	□ Electric	□ Earth Energy		
Windows+Skylights &Glass Do	ors			Other Building Con		, , , , , , , , , , , , , , , , , , ,		
Gross Wall Area = m ² % Windo Gross Window+ Area = m ²			·	□ ICF Basement□ ICF Above Grade	□ Walkout Basement □ Log/Post&Beam e □ Slab-on-ground			
D. Building Specification	ns [provid	e values ar	nd ratings of the	•		n Energy Star BOP form]		
D. Building Specifications [provide values and ratings of the energy efficiency components proposed, or attach <i>Energy Star</i> BOP for Building Component RSI / R values Building Component Efficiency Rate						• • • • • • • • • • • • • • • • • • • •		
Building Component		RSI / I	R values	Building Cor		Efficiency Ratings		
Building Component Thermal Insulation		RSI/I	R values	Building Cor Windows & Doors ¹		Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space		RSI/I	R values		mponent	Efficiency Ratings		
Thermal Insulation		RSI/I	R values	Windows & Doors¹ Windows/Sliding Glass Skylights	mponent	Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space		RSI/I	R values	Windows & Doors ¹ Windows/Sliding Glas	mponent	Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space		RSI/I	R values	Windows & Doors¹ Windows/Sliding Glass Skylights	mponent ss Doors	Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor		RSI/I	R values	Windows & Doors¹ Windows/Sliding Glas Skylights Mechanicals	ss Doors	Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade		RSI/I	R values	Windows & Doors¹ Windows/Sliding Glass Skylights Mechanicals Space Heating Equip	ss Doors	Efficiency Ratings		
Thermal Insulation Ceiling with Attic Space Ceiling without Attic Space Exposed Floor Walls Above Grade Basement Walls	de)	RSI/I	R values	Windows & Doors¹ Windows/Sliding Glass Skylights Mechanicals Space Heating Equip HRV Efficiency (SRE% DHW Heater (EF) NOTES	ss Doors 2 6 at 0°C)	Efficiency Ratings		
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Guide to the Energy Efficiency Design Summary Form

The Energy Efficiency Design Summary form summarizes the compliance path used by a house designer to comply with energy efficiency requirements of the Ontario Building Code. This form must accompany the building permit application. The information on this form MUST reflect the drawings and specifications being submitted, or the building permit may be refused. 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 at www.mah.gov.on.ca, or the municipal building department.

Beginning January 1, 2012, a house designer must use one of four energy efficiency compliance options in the building code:

- 1. Comply with the SB-12 Prescriptive design tables,
- 2. Use the <u>SB-12 Performance</u> 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.
- <u>SB-12 Performance</u> refers to the alternative method of compliance set out 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 *Energy Star* requirements and be labelled on completion by Enerquality or other agency. The *Energy Star* BOP 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 and 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 <u>SB-12 Prescriptive</u> 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 <u>SB-12 Prescriptive</u> compliance package table applies. Other Building Conditions: These construction conditions affect <u>SB-12 Prescriptive</u> 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.

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</u> <u>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 <u>EnerGuide 80</u> option is used.

ENERGY EFFICIENCY LABELING FOR NEW HOUSES

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

Building Division Plumbing Data Form



Project Information							
PROJECT DESCRIPTION:							
PROPERTY ADDRESS:							
	Street No. ar	nd Name	City				Postal Code
OWNER NAME:							
	First						Last
TELEPHONE NUMBER:			EMAIL:				
Fixture Information							
Fixture or Device	Fixture Flow	Bsmt	1st Floor	2nd Floor	3rd Floor	Subtotal	Total
Bathrooms	11011		1	l			
¹ Bathroom group with 2 fixtures (sink & toilet)	2.9						
¹ Bathroom group with 3 fixtures (1 sink, 1 toilet & 1 bathtub with or withour shower, <u>or</u> 1 shower head)	3.6						
¹ Bathroom group with 4 fixtures (2 sinks, 1 toilet & 1 bathtub with or withour shower head, <u>or</u> 1 shower head)	3.7						
¹ Bathroom group with 4 fixtures (1 sink, 1 toilet, 1 bathtub, & 1 shower)	5.0						
¹ Bathroom group with 5 fixtures (2 sinks, 1 toilet, 1 bathtub, & 1 shower head)	5.7						
¹ Bathroom group with 6 fixtures (2 sinks, 1 toilet, 1 bidet, 1 bathtub, & 1 shower head)	7.7						
Additional Shower	1.4						
² Each additional Shower head or body spray, 9.5 L/min or less per head	1.4						
Bidet	2.0						
Urinal, with flush tank	3.0						
Urinal, with self-closing metering valve	2.0						
Laundry	,		•				
Clothes washer, 3.5kg	1.4						
Sink, laundry (1 or 2 compartments)	1.4						
Kitchen							
Sink, kitchen, domestic, 8.3 L/min or less	1.4						
Sink, bar	1.0						
Dishwasher, domestic	1.4						
Other							
³ Hose bibb (½ inch supply)	2.5						
Additional Hose bibb (½ inch supply)	2.5						
Hose bibb (¾ inch supply)	3.0						
Hose bibb, combination hot and cold	2.5						
Total Fixture Units =							
1 Bathroom groups are based on a shower/tub with 1/2" supply. Additional	I fixture flow wi	ill apply for 3/4'	' supply spouts.	(O.B.C. Table 7	7.6.3.2.A (3))		
² Base fixture groups assume a sinlge shower head. Additional body spray	s or showerhe	ads must be a	dded to the calc	ulation.			
³ Assumption is that all dwellings will have two 1/2" hose bibs (one at rear	and one in gar	age) which are	automatically in	ncluded in the a	bove calculatior	าร	
Note: Maximum number of fixture units on a ¾" Water Service Pipe = 26 (_		•				
ps 20(, .						
I hereby certify that the information supplied abo	ove is acc	curate to t	he best of	my knowl	edge.		

Personal information collected on this form is under the authority of the Municipal Act, s. 11. The purpose of this collection is to administer the Service Connection Permit Application Process. Personal information provided on this form is protected in accordance with Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) Part II. Should you have any questions or concerns regarding the collection of personal information, please contact the Building Division, King Township, 2585 King Road,

Signature

Name (please print)