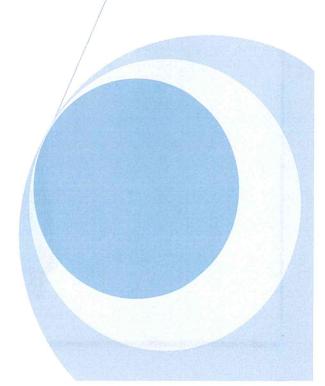


Town of Cobourg Building and Planning Department

January 2013



BUILDING PERMITS A HOMEOWNER'S GUIDE

As a homeowner, you may find that you have outgrown your present home. Renovation is today's answer to moving, and may include anything from adding a room, fixing up the basement or building a garage, to remodeling the interior of a house.

If you are planning home improvements, this guide generally outlines what you need to know about applying for a building permit from the Town of Cobourg.

Building permits are issued by the Building Department.

Why are building permits needed?

Building permits are necessary to ensure that zoning requirements, fire and structural safety standards and other building standards are met, primarily for safety reasons.

It is the owner's responsibility to ensure that a building permit is obtained when required.

You may authorize your contractor or designer to apply for the permit, but the owner must ensure that they have the permit prior to any work starting.



Projects That Require A Building Permit

Under the Ontario Building Code Act, a building permit is required for the construction of an addition or alteration of any structure which results in a building area of over 10m² (108 sq ft).

The following is a list of typical projects that **require** a permit:

- decks
- new fireplace
- completion of rough-in fireplaces
- installation of wood burning stoves
- porches
- sunrooms
- solariums
- carports
- attached or detached garages, sheds
- dormers or finishing of attic spaces
- one or two storey additions
- finishing a basement
- new or structural alterations to windows or doors
- interior structural alterations
- adding or removing most walls, ie creating different room sizes and/or uses
- basement or main floor walkout alterations
- replacement of brick veneer
- replacement of masonry chimney below roofline
- insulating of exterior walls when exterior or interior cladding is removed
- septic system

Projects That Require A Plumbing Permit

- plumbing and/or drains (except replacing fixtures)
- installation, repair of storm, sanitary and water service
- installation of cleanouts
- conversion from septic to sanitary sewer

Projects That Do Not Require A Building Permit

A building permit is not required for a detached accessory structure (gazebo, tool shed, etc.) which measures less than 10m² (108 sq ft) in area.

The following is a list of projects that <u>do</u> <u>not require</u> a permit:

- air conditioning units or heat pumps added to existing forced-air furnace (no duct work alterations)
- pool heaters
- painting and decorating
- landscaping
- fences other than swimming pools
- asphalt roof shingling
- eaves troughs
- minor repairs to masonry
- kitchen or bathroom cupboards without plumbing

SPECIAL NOTE: Although a building permit may not be required, you must still comply with the requirements of the Zoning By-law, Building Code, Heritage District and Ganaraska Region Conservation Authority requirements.

OTHER APPROVALS

In addition to, or instead of, a building permit you may require other approvals. Our Building Department staff will let you know which approvals are necessary. Some examples are indicated below.

Swimming Pool Fence Permits

A swimming pool fence permit must be obtained from the Building Department for any swimming pool or hot tub more than 24" in depth, whether or not there is an existing fence. A guide for swimming pool owners may be obtained by calling 905-372-1005. If the pool has an attached deck a building permit may be required for it. There are requirement for the location of pools and equipment in the Zoning By-law.

Plumbing and Drain Permits

If you are installing plumbing fixtures, including plumbing and drains you will require a plumbing permit from the Building Department.

Lakefront Utilities Services Inc. (LUSI)

A water permit may be required if you are installing or repairing the water service from a road allowance on private property.

Demolition Permits

When demolishing a building or part of a building that exceeds $10m^2$ (108 sq ft) a demolition permit is required. Buildings designated under the Ontario Heritage Act also require approval from the Cobourg Heritage Committee.

Committee of Adjustment

If your proposal does not comply with the Zoning Bylaw, you may seek permission from the Committee of Adjustment for a minor variance. This is usually a 6-10 week process which can be appealed. (Contact: the Secretary-Treasurer, Committee of Adjustment at 905-372-1005 for their brochure and fee schedule).

Electrical Safety Authority

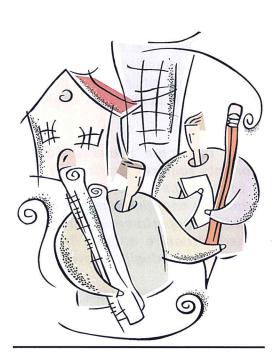
If any electrical work is proposed (lighting, wiring, switches and outlets for example) contact Electrical Safety Authority for information regarding permits and permit fees.

Conservation Authorities

Approval may be required from the Ganaraska Regional Conservation Authority (GRCA) if your property is located in a flood plain or in a designated flood control area.

Heritage District

Approval (permits) may be required from the Cobourg Heritage Committee. Approvals may be necessary even if a building permit is not required (e.g. exterior painting). Contact the Planning Department at 905-372-1005 for details.



PLANNING YOUR PROJECT

If you have a good working knowledge of house construction you may consider designing your own project. Many publications are available in book shops, libraries and lumber dealers that may assist you.

Develop your ideas on paper with rough floor plans and list the materials and types of finishes you plan on using.

Discuss the project with material suppliers to establish rough costs, sizes of fixtures etc. You are now ready to prepare final plans. Examples of drawings are given in this guide to illustrate the quality of submission necessary for a permit application.

Delays in permit issuance can be avoided if all drawings and specifications incorporate sufficient information to verify that the work will conform to Ontario Building Code and the Zoning By-law. We recommend that you hire a qualified designer, (B.C.I.N.) Building Code Identification Number, qualified through the Ministry of Housing or an architect or engineer to prepare you final plans and specifications. In some cases an architect and/or engineer are required. Please check with the Building Department.

Note: The drawings for some prefabricated structures and construction components require certification by a professional engineer licensed to practice in Ontario. Examples include prefabricated greenhouses and glue laminated beams and joists. Check with the Building Department staff, however whenever buying a prefabricated structure ensure that you are provided with a copy of the professional design drawings.

*Note: Drawings for concrete slabs on grade greater than 55m² (592 sq ft) for garages or accessory buildings require design by a professional engineer.



BUILDING PERMIT PROCESS

Before a building permit is issued your plans are reviewed by several departments to ensure compliance with applicable law.

Plot Plan Examination (Planning Department)

Drawings are reviewed to ensure your project will conform to the Town of Cobourg Zoning By-law. Zoning requirements specify the uses permitted within a particular area and contain regulations governing such things as building setbacks, height and lot coverage. You should contact the Planning Department (905-372-1005) to determine the specific requirements for your addition or alteration. The planner requires your street address, lot number and registered plan number to establish the zoning requirements. This information can be found on your tax bill. A survey or plot plan will be required.

Site Services/Grading (Engineering Department)

Depending on the scope of you project, plot plans are reviewed to ensure proposed grading will meet requirements outlined in the subdivision agreement.

Architectural/Structural Plans Examinations (Building Department)

Drawings are reviewed to ensure compliance with structural, fire and life safety requirements of the Ontario Building Code.

Content Requirements for Drawings

We currently accept architectural and structural drawings in either imperial or metric. In addition to the building drawings, you will be required to supply heating and ventilation design information. All drawings must be drawn to scale (*sketches are not acceptable*). Contact the Building Department for more information (905-372-1005).

We will not accept drawings in *pencil*, however photocopies of penciled drawings are acceptable. Drawings submitted larger than 11" x 17" must be accompanied by a <u>digital copy in .pdf</u> form or other acceptable format.

The following drawings will be required when applying for a building permit:

Plot Plan (For all Additions or Accessory Buildings)

A plot plan identifies buildings and other features in relation to property boundaries. The plot plan should identify your existing house, other existing structures (i.e. garages, sheds, decks) and proposed additions or new structures.

Most or all of the information required for a plot plan can be found on your property survey. You may have received a survey when you purchased your home.

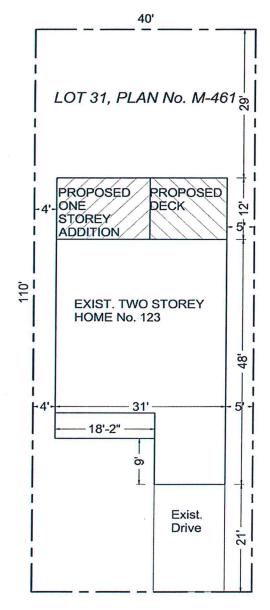
The following information must be shown on a plot plan:

- title and scale
- legal description
- street name
- north arrow
- property lines with dimensions
- setbacks (distance) to all property lines from all existing and proposed structures
- proposed construction (shaded)
- overall building dimensions, lot coverage, new and existing building areas of all buildings
- right of way and easements
- lot grading

For interior renovations, instead of a site plan, a complete property survey is usually sufficient. Please check with staff.



ALL CONSTRUCTION TO COMPLY WITH PART 9 OF THE ONTARIO BUILDING CODE





SITE STATISTICS
Zoning: R-3 (residential)
Site Area: 4400 sf
Drive Area: 270 sf

Builiding Area:
Exist.House: 1324 sf
Exist. Porch: inc. above
Exist.Garage: inc. above
Addition: 204 sf
Deck: 168 sf
Total Area: 1698 s.f

Coverage: 38% (zoning max. 40%) L. O. S.: 55% (zoning min.= 30%)

Info. used to construct this drawing taken from: 'Plan of Survey of Lot 31, Plan No. M-461' Prepared by: XYZ Surveyors Dated: Dec. 31, 2000

JAMES STREET

Sample project drawings only.

The level of detail and scope required for a set of permit drawings will depend on the nature of of the project and the current Code requirements.

Printed 13/02/2012

ABC DESIGNS INC.	Client The Home Owner	Fab. 12, 2012, for Domit
tel: 905-372 1005 BCIN 1243	Rear Addition 123 James Street, Cobo	Feb. 13, 2012, for Permit Feb. 10, 2012, Client Review ourg issued:
designed information	dwg. title SITE PLAN	date February 2012 1
designer information	drig. tito	scale 1" = 15' dwa. no

Floor Plans

Floor plans are required for each floor level to be constructed or that is affected by your project. Floor plans for all or part of an existing building may be required for additions to existing buildings. Consult with staff before preparing your final drawings.

The following information must be shown on a floor plan:

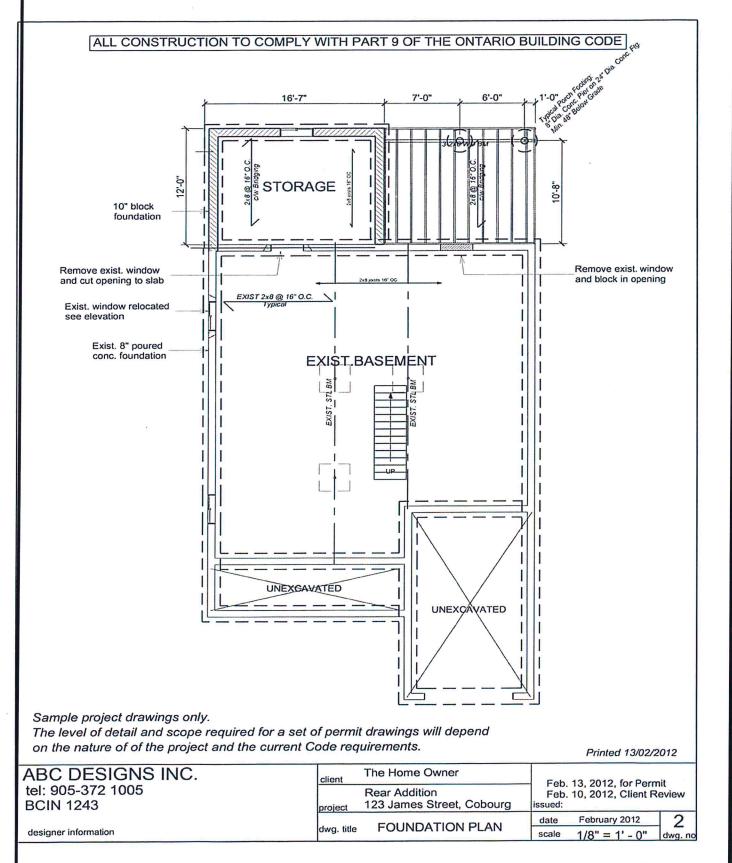
- title and scale
- all room names or uses
- · dimensions of the rooms, halls and stairs on each floor
- size, direction and spacing of structural members (joists, columns, beams and lintels)
- interior and exterior dimensions, including door and window sizes
- materials to be used
- cross-section symbols
- location of plumbing fixtures
- smoke alarm locations
- furnace and ductwork alterations

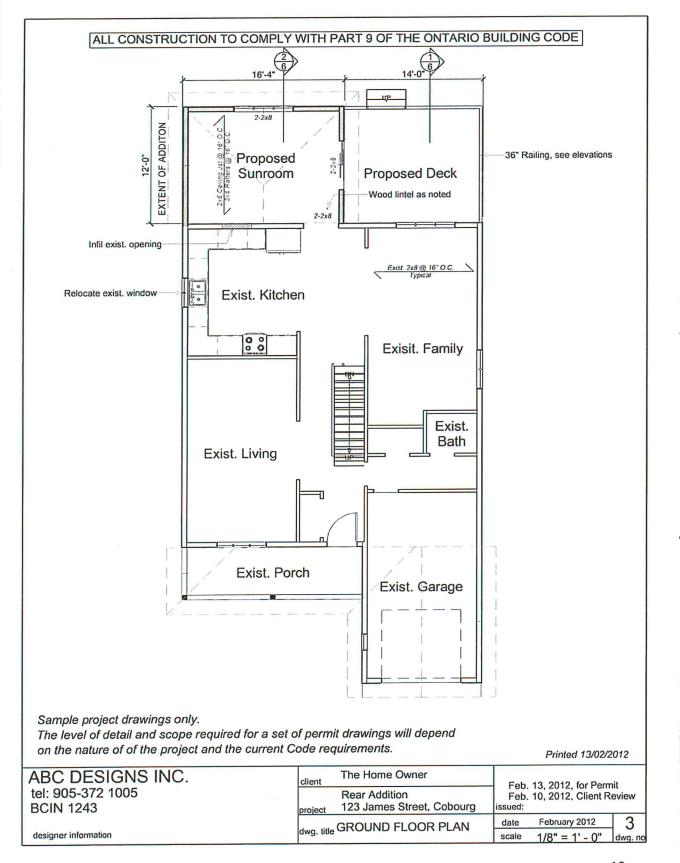
Roof Framing

Existing loading conditions can affect structural design for proposed changes to the building. Existing roof and ceiling loading must be indicated on the plans. Prefabricated roof truss systems can span the length of the building to exterior walls. These spans must be indicated, noting any hip or girder trusses, and designs submitted.

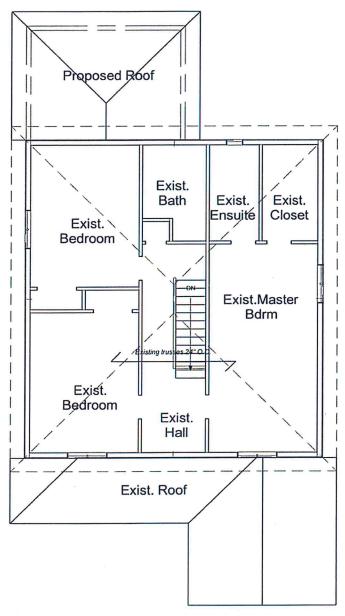
Note: Partial roof framing plans may be required to indicate loading conditions affecting the existing structure and new addition. If prefabricated roof trusses are used, provide truss drawings, and lay-out. See sample floor plans.







ALL CONSTRUCTION TO COMPLY WITH PART 9 OF THE ONTARIO BUILDING CODE



Sample project drawings only.

The level of detail and scope required for a set of permit drawings will depend on the nature of of the project and the current Code requirements.

Printed 13/02/2012

ABC DESIGNS INC.	client	The Home Owner	Fab	13, 2012, for Pem	ait
tel: 905-372 1005 BCIN 1243		Rear Addition 123 James Street, Cobourg		10, 2012, Client R	
designer information	dwg. title	EXIST. SECOND FLOOR PLAN	date scale	February 2012 1/8" = 1' - 0"	4 dwg. no

Cross-Sections

A cross-section presents a view of a house along an imaginary cut, showing the structural elements of the building and exposing what is hidden behind the walls.

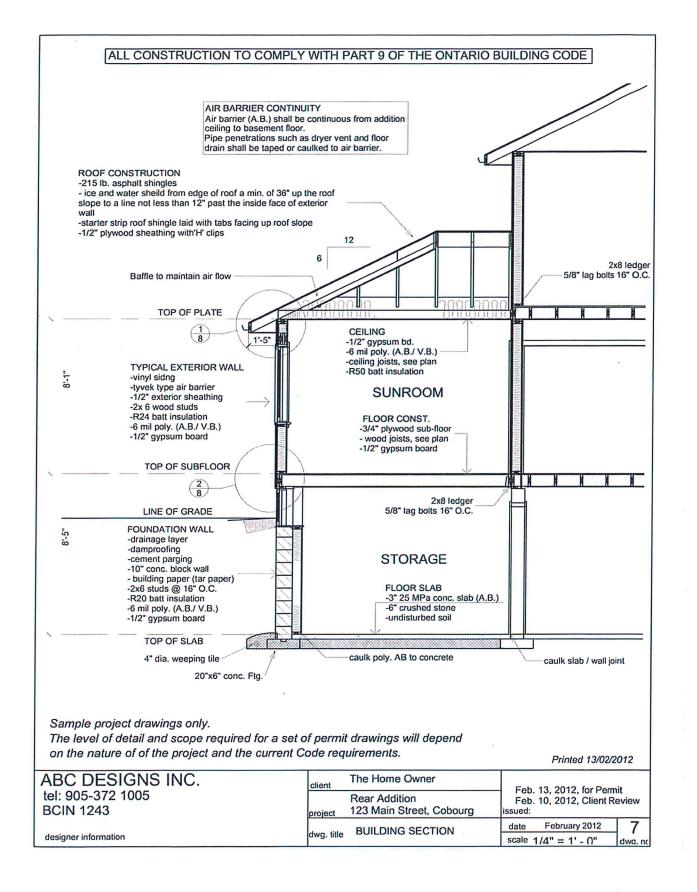
Cross-sections through the proposed and existing structure(s) may be required to show building materials and how they relate to one another. The location of the cross-section is shown by the cross-section symbol on the floor plans.

The following information must be shown on a cross-section:

- title and scale
- room names
- heights and dimensions of doors and windows
- size and types of materials and finishes
- finished floor level and grades
- extent of existing house and proposed additions

More detailed drawings may be necessary to fully explain a particular aspect of your project if non-conventional construction practices are proposed.





ALL CONSTRUCTION TO COMPLY WITH PART 9 OF THE ONTARIO BUILDING CODE Lap wall and ceiling 6 mil poly (A.B./V.B.) Low expansion foam to seal A.B. to window frame **EAVE DETAIL** Lap header wrap and 6 mil poly 6 mil poly (V.B.) Header wrap (A.B.) Lap header wrap and 6 mil poly Fill solid top course HEADER DETAIL Sample project drawings only. The level of detail and scope required for a set of permit drawings will depend on the nature of of the project and the current Code requirements. Printed 13/02/2012 ABC DESIGNS INC. The Home Owner client Feb. 13, 2012, for Permit tel: 905-372 1005 Rear Addition Feb. 10, 2012, Client Review **BCIN 1243** 123 James Street, Cobourg project February 2012 1" = 1' - 0" 8 date dwg. title **DETAILS** designer information scale dwa. no

Elevations

Elevations show all views of a building. Elevation drawings may be required for any project which would alter the exterior of your house.

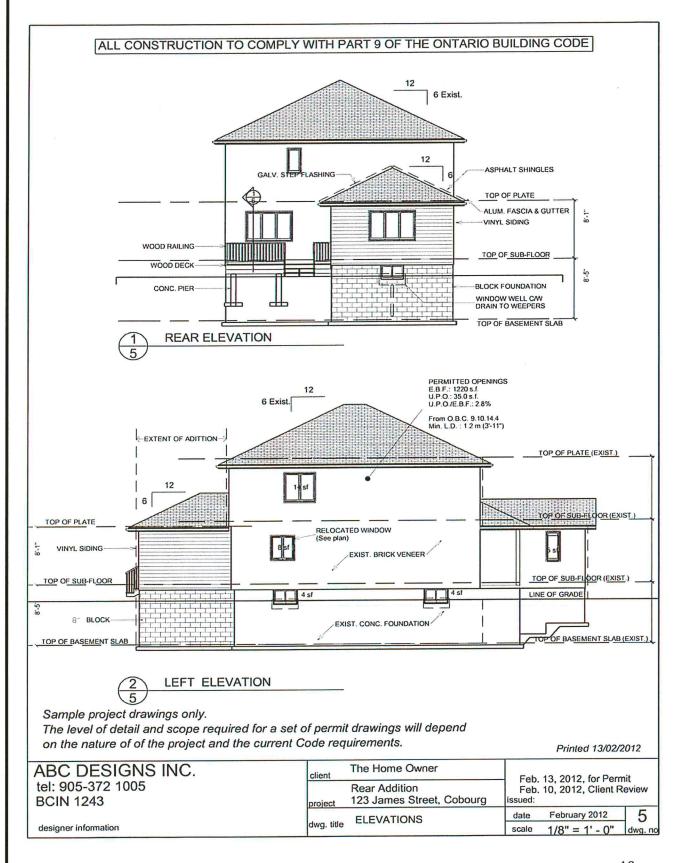
The following information must be shown on an elevation:

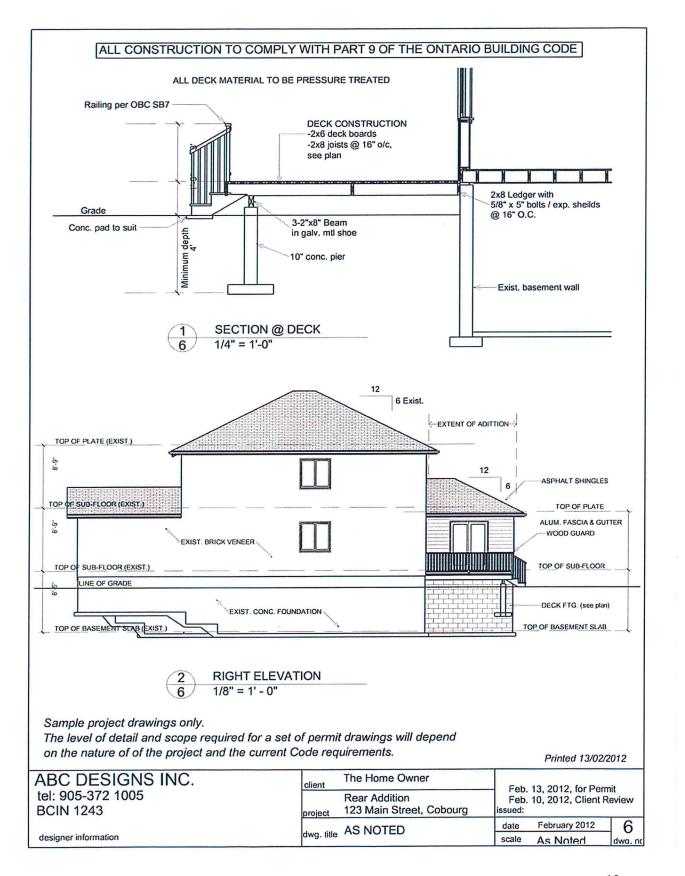
- title and scale
- heights and dimensions of existing and new window and door openings
- exterior finishes and materials
- finished floor levels and grade
- extent of proposed addition and existing house
- overall height of building
- slope/pitch of new roofs

Note: A north elevation drawing is not required for our example because the project does not involve any change to the exterior view of the north side of the house.

Upon completion of the final drawings if you have any further questions, please feel free to contact the Building Department at 905-372-1005.







Heating Design (HVAC)

A heat loss calculation and heating system layout must be provided for any project that affects the heated area of the building. The Heating Design is important to ensure the heating system is neither oversized or undersized to ensure occupant comfort and energy efficiency.

Special Consideration for the Heating Design includes:

- The current heating system's capacity and efficiency
- The type of heating system (ie. Natural Gas, Oil, Electric, etc.)
- The increase or decrease in the heat loss of the building
- Additional ductwork that may be required
- Additional exhaust fans or HRV that may be required

Note: The Ontario Building Code requires additional design consideration if the building is heated with more than 10% Electric Space Heating.



ALL CONSTRUCTION TO COMPLY WITH PART 9 OF THE ONTARIO BUILDING CODE

HEAT LOSS CALCULATIONS

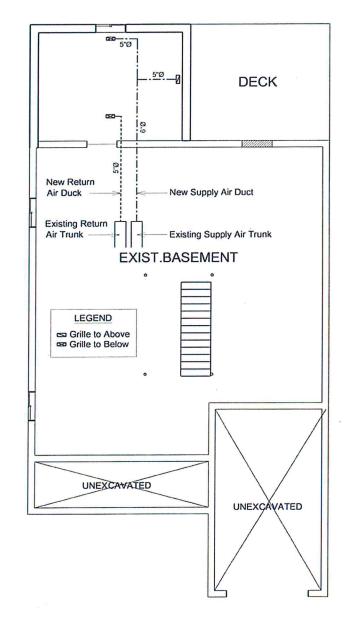
Existing Heat Loss: Addition Heat Loss: Total Heat Loss:

48'000 BTUH 6'000 BTUH 54'000 BTUH

Existing Furnace:

60'000 BTUH

Note: Existing Furnace to Remain



Sample project drawings only.

The level of detail and scope required for a set of permit drawings will depend on the nature of of the project and the current Code requirements.

Printed 13/02/2012

ABC DESIGNS INC.

tel: 905-372 1005 BCIN 1243

designer information

client	The Home Owner	Ech	13, 2012, for Perr	mit
project	Rear Addition 123 James Street, Cobourg		10, 2012, Client F	
	LIVAC DI ANI	date	February 2012	M
dwg. title	HVAC PLAN	scale	1/8" = 1' - 0"	dwg. no

SUBMITTING YOUR APPLICATION

A sample of a completed Building Permit application form has been included to assist you. Application forms are available from the Building Department, Victoria Hall, 55 King Street West, Cobourg. Please call 905-372-1005 if you would like an application mailed to you. The forms are also available on the web site at www.cobourg.ca.

Your application form should be brought to the Building Department counter accompanied by the following:

- Two sets of building plans (floor plans, elevations and cross-sections, roof trusses and heating, as appropriate).
- Two copies of your plot plan
- A building permit fee in cash or cheque, payable to the Town of Cobourg (cheques need not be certified). The fee is determined by staff at the Building Department and is based on the current Building Permit Fee Schedule (next page)

We will not accept drawings in *pencil*, however photocopies of penciled drawings are acceptable. Drawings submitted larger than 11" x 17" must be accompanied by a **digital copy in .pdf** form or other acceptable format.

Upon submission of your application at the Building Department, a Plans Examiner will review your application to ensure that everything is in order.

Note: You will be notified when your permit is ready to be issued.





BUILDING PERMIT FEE SCHEDULE - 2018

Effective February 1, 2018

	DENTIAL DUP 'C'	A .	esidential ' 'B' 'D' 'E' 'F'	
NEW CONSTRUCT	ION (FINISHED AREA)	NEW CONSTRUCT	ION (FINISHED AREA)	
< 1200 sq ft	> 1200 sq ft	< 1200 sq ft	> 1200 sq ft	
\$1,965.00	\$1.63/sq ft	\$2065.00	\$1.72/sq ft	
ADDITION (F	INISHED AREA)	ADDITION (F	INISHED AREA)	
< 400 sq ft	> 400 sq ft	< 750 sq ft	> 750 sq ft	
\$675.00	\$1.63/sq ft	\$1,325.00	\$1.72/sq ft	
	DITION (<i>UNFINISHED AREA</i>) Y STRUCTURE		DITION (<i>UNFINISHED AREA</i>) Y STRUCTURE	
< 305 sq ft	> 300 sq ft	< 500 sq ft	> 500 sq ft	
\$305.00	\$1.02/sq ft	\$520.00	\$0.97/sq ft	
BASIC RENOVATION - ALL GROUPS (INTERIOR LAYOUT CHANGES ONLY)		COMPLEX RENOVATIONS - ALL GROUPS (LIFE SAFETY SYSTEMS/HVAC/FIRE SEPERATION)		
< 500 sq ft	> 500 sq ft	< 500 sq ft	> 500 sq ft	
\$205.00	\$0.42 / sq ft	\$520.00	\$0.97 / sq ft	
	LL GROUPS VE GRADE	DECKS – ALL GROUPS > 24" Above Grade		
< 300 sq ft	> 300 sq ft	<300 sq ft	> 300 sq ft	
\$155.00	\$1.02 / sq ft	\$260.00	\$1.02 / sq ft	
	ON PART 9 TRUCTION)	DEMOLITIC (NO CONST		
< 500 sq ft	> 500 sq ft	< 750 sq ft	> 750 sq ft	
\$205.00	\$0.46/sq ft	\$360.00	\$0.49/sq ft	
CHANGE TO GROUP '		CHANGE TO GROU		
< 500 sq ft	> 500 sq ft	< 750 sq ft	> 750 sq ft	
\$210.00	\$0.46/sq ft	\$360.00	\$0.49/sq ft	
ALTERNATIVE (REVIEW SUBMISSIONS DIV. C. P	AS PER O.B.C 2.1.1.1.	ADMINISTR (IE: TRANSFER OF PERMIT, RE		
FLAT FEE	\$510.00	FLAT FEE .	\$102.00	

Note: Construction without permit is subject to double the permit fee.

No. 076-2011 and By-law to Establish Building Permit Fees, By-law No. 103-2015 should be consulted. Enquiries regarding applicable Development Charges By-law Charges payable and/or specific interpretations of any of the terms related to the By-law must be made in writing to the Manager of Finance of the Corporation of the Town of Cobourg. Where there is a conflict between the information contained within this guide and the By-laws mentioned above, the By-law shall take precedence. The above guide refers only to Development Charges - other municipal and/or agency fees and charges may also apply (see the Building & Planning Department for details).

^{*} The fee for roof mounted solar projects shall be calculated per panel in lieu of per sq ft.



TOWN OF COBOURG DEVELOPMENT CHARGES

Effective June 21, 2018

EXISTING URBAN SERVICE AREA

RESIDENTIAL

DESCRIPTION	TOWN	LUSI	TOTAL
Single-Detached & Semi-Detached Dwellings	\$16,454	\$640	\$17,094
Multiples & Apartments (2 Bedrooms +)	\$12,891	\$501	\$13,392
Multiples & Apartments (1 Bedroom & Bachelor)	\$7,321	\$285	\$7,606
Special Care	\$6,479	\$252	\$6,731

COMMERCIAL & INSTITUTIONAL

(per square foot of gross floor area)

TOWN	LUSI	TOTAL	Developments of equal to or less than 4,000 square feet of gross
\$6.50	\$0.46	\$6.96	floor area are exempt.

Note: Development charges shall not be imposed with respect to Industrial developments within the Existing Urban Service Area.

COBOURG EAST COMMUNITY SERVICE AREA (Area 'C')

RESIDENTIAL

DESCRIPTION	TOWN	LUSI	COUNTY	TOTAL
Single-Detached & Semi-Detached Dwellings	\$22,928	\$2,948	\$1,849	\$27,725
Multiples & Apartments (2 Bedrooms +)	\$17,964	\$2,309	\$1,293	\$21,566
Multiples & Apartments (1 Bedroom & Bachelor)	\$10,202	\$1,311	\$950	\$12,463
Special Care	\$9,028	\$1,160	\$855	\$11,043

COMMERCIAL & INSTITUTIONAL

(per square foot of gross floor area)

TOWN	LUSI	COUNTY	TOTAL	Developments of equal to or less than 4,000
\$9.21	\$1.30	\$0.85	\$11.36	square feet of gross floor area are exempt.

INDUSTRIAL

(per square foot of gross floor area)

	(per square jour of gross from a rea)						
TOWN	LUSI	COUNTY	TOTAL	1. Enlargements of less than 50% of the gross floor area of an existing			
				industrial building are exempt from payment of development charges.2. Enlargements of more than 50% of the gross floor area of an existing			
\$9.21	\$1.30	\$0.85	\$11.36	building must pay development charges on that portion of the enlargement			
				that exceeds 50% of the gross floor area of the existing industrial building.			

PLUMBING PERMIT FEES						
BASE FEE	ADDITIONAL PER FIXTURE	UNDERGROUND SERVICES (/m)				
**\$100-\$200	**\$15.00	**\$1.00				

^{**}Plumbing permit fees are set by the County of Northumberland and subject to change without notice.

Refer to relevant County fee by-law for current plumbing fees.

^{***}Septic permit fees are paid directly to the County of Northumberland based on the relevant fee schedule.

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

	For us	se by Principa	al Authority				
Application number:		Permit	number (if differe	ent):			
Date received:		Roll nu	imber:	er:			
Application submitted to:	NN O	F COBO	our General of health or co	onservation	authority)		
A. Project information							
Building number, street name 123 MAIN 5	7.				Unit number	Lot/con.	
Municipality COBCURG	Postal	code 4 1 A 1	Plan number/o	ther descr	iption		
Project value est. \$ 50 000.			Area of work (r	m²) 20	0 5Q.FT.		
B. Purpose of application							
☐ New construction ☐ Addition existing to		☐ Alter	ation/repair	D De	emolition	Conditional Permit	
Proposed use of building		Current use o	f building				
SAME		SINE	LE FAM	ILY	DivELLT.	NE	
Description of proposed work		.1					
ONE STOREY APPLIT	TON						
C. Applicant Applicant is:	Owner		Authorized :				
Last name	First na		Corporation or	partnershi	р		
SMITH Street address	To.	HN				1	
Street address					Unit number	Lot/con.	
123 MAIN 5T. Municipality							
Municipality	Postal o	code	Province	1	E-mail		
COBOURG	491	9 1 A 1	ON				
COBOURG Telephone number	Fax				Cell number		
(123) 456 - 7890	()			()		
D. Owner (if different from applicant)							
Last name	First na	me	Corporation or	partnershi	p		
Street address	I			1	Jnit number	Lot/con.	
Municipality	Postal c	ode	Province	E	E-mail		
Telephone number	Fax		<u> </u>		Cell number		
()	()			1 .)		

E. Builder (optional)	First name	Corporation or partnersh	ip (if applicable)	
Last name	First name	ABC CONTI			
		71.00 20101.	Unit number Lot/con.		
Street address					
	Postal code	Province	E-mail		
Municipality	, dottar data				
T. I. alica a symbol	Fax		Cell number		
Telephone number (/23) 456 - 7890	()		()		
F. Tarion Warranty Corporation (Ontario	New Home Warra	anty Program)			
i. Is proposed construction for a new hom	e as defined in the O	ntario New Home Warranties		Yes	₫ No
Plan Act? If no go to section G.					×
ii. Is registration required under the Ontar	io New Home Warran	ties Plan Act?		Yes	Q No
iii. If yes to (ii) provide registration number	(s):				
G. Required Schedules					
i) Attach Schedule 1 for each individual who rev	riews and takes respo	nsibility for design activities.			
ii) Attach Schedule 2 where application is to con	struct on-site, install o	r repair a sewage system.			
H. Completeness and compliance with	applicable law				□ No
 This application meets all the requirements on Building Code (the application is made in the applicable fields have been completed on the 			, all	Yes	140
schedules are submitted). Payment has been made of all fees that are regulation made under clause 7(1)(c) of the E	equired, under the ap Building Code Act, 199	plicable by-law, resolution or 2, to be paid when the applic	ation 💆	Yes	□ No
 is made. ii) This application is accompanied by the plans resolution or regulation made under clause 7 	and specifications pro	escribed by the applicable by Code Act, 1992.	-law, 🖾	Yes	□ No
resolution or regulation made under clause? iii) This application is accompanied by the inform law, resolution or regulation made under clauthe chief building official to determine whether contravene any applicable law.	nation and documents	prescribed by the applicable		Yes	□ No
iv) The proposed building, construction or demo	lition will not contrave	ne any applicable law.	Ø	Yes	□ No
I Declaration of applicant					
Town	TTH			_declare tha	:
(print name)	ut in				
The information contained in this application.	cation, attached sched	lules, attached plans and spe	ecifications, and	other attach	ed
documentation is true to the best of my 2. If the owner is a corporation or partners	knowledge.	ity to hind the cornoration or	partnership.		
If the owner is a corporation or partners	snip, i nave the author	ny to only the corporation of			
01 TAN 2012	10	177		-	
Date	Signature	e 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.				
H. Project Information				
Building number, street name	Postal code		Unit no.	Lot/con.
Municipality COBOURE	Postal code	Plan number/ other descri	ption	
I. Individual who reviews and take	s responsibili	ty for design activities		
Name TOHN SMITH		Firm		
Street address 123 M.9IN	57.		Unit no.	Lot/con.
Municipality COBOUR C Telephone number	Postal code	Province ON	E-mail	
Telephone number (123) 456 - 7890	Fax number		Cell number	
J. Design activities undertaken by Division C]	ndividual ide	ntified in Section B. [Bu	ilding Code Ta	ble 3.5.2.1. of
△ House	☐ HVAC		☐ Building	
Small Buildings	Building			- House
☐ Large Buildings		on, Lighting and Power otection		– All Buildings sewage Systems
Complex Buildings Description of designer's work	U Fire Pro	Diection	U On-site S	ewage Systems
2000 pilon of assigner o mem				
K. Declaration of Designer				
	TU	d	eclare that (choos	e one as appropriate).
(print name		v	colare triat (crioos	o one as appropriate).
(print name	z)			
☐ 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: HOME OWNER				
I certify that: 1. The information contained in this schedule is true to the best of my knowledge.				
The information contained in this schedule is true to the best of my knowledge. I have submitted this application with the knowledge and consent of the firm.				
2. Thave submitted this application with the knowledge and consent drue inn.				
Date		Signature of Designer		
		7		

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 authorization, 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.

Application for a Permit to Construct or Demolish - Effective January 1, 2011

Energy Efficiency Design Summary (Part 9 Residential)

This form to be completed & signed by the person who reviews and takes responsibility for the energy efficiency design of the project Information on completing this form is contained on the reverse

For use by Principal Authority						
Application No: Model/Certification Number						
A. Project Information						
Building number, street name					LottCon	
Municipality 123 MAIN	57			Reg. Plan number / other des	canhon	
COBORRE	Postal			Reg. Plan number / other desi	Cipacii	
COBOURE	K	9A AA1				
B. Compliance Option						
			2.1.1.10 Package: 2005 1 energy performance calculations using an approved software			
☐ SB-12 Performance* [SB-12	2 - 2.1.2.]					
☐ Energy Star®* [SB-12 - 2.1.3.])					pletion by Energy Star
☐ EnerGuide 80® *		* House m	ust	be evaluated by NR	Can advisor and	meet a rating of 80
C. Project Design Condition						
	leating Equipme	ent Efficiency	1	Space Heating Fuel		- Callel Coal
				X Gas	□ Propane	□ Solid Fuel
5 2011c 2 (2 0000 00g.00 00) -	≥ 78% < 90% A	FUE	_	□ Oil	□ Electric	a Earth Energy
Windows+Skylights+Glass Doors			-	Other Building Cond		ent □ Log/Post&Beam
Gross Wall Area = 10 50 FT m2	% Windows+	10 %	1	□ ICF Basement	☐ Walkout Basem ☐ Slab-on-ground	ent Ll Log/Postabean
Gross Window+ Area = pougo pr m3				□ ICF Above Grade	□ Siab-on-ground	*
D. Building Specifications			,			Tri di anno Delliano
Building Component	RSI/F	R values	L.	Building Con	nponent	Efficiency Ratings
Thermal Insulation			_	/indows & Doors'	- 0	1.1 / - 4.01
Ceiling with Attic Space		R50		Windows/Sliding Glass Doors		1.8 / ER 21
Ceiling without Attic Space		R31		Skylights 2.8 /		28 / WA
Exposed Floor		R31		Mechanicals		-10
Walls Above Grade		R24		Space Heating Equip. ²		EX.
Basement Walls	K2	K20		HRV Efficiency (%)		is/A
Slab (all >600mm below grade)			DHW Heater (EF)			
Slab (edge only ≤600mm below grade)	RIO		Provide U-Value in W/m2.K, or ER rating			
Slab (all ≤600mm below grade, or heate	/ / / -			2. Provide AFUE or indica		
E. Performance Design Ve	rification (com	plete applicable	e se	ctions if SB-12 Performar	nce, Energy Star or E	nerGuide80 options used)
SB-12 Performance:					• :::	0: 44.01 400045
The annual energy consumption	using Subsection	on 2.1.1. SB	1-12	Package	IS	Gj (1 Gj =1000Mj)
The annual energy consumption of this house as designed isGj						
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: BOP form attached. The house will be labeled on completion by:						
Energy Star and EnerGuide80: Evaluator/Advisor/Rater Name: Evaluator/Advisor/Rater Licence #:						
F. Declaration [by the person who reviews and takes responsibility for the energy efficiency design]						
is that the property contained on this form is consistent with the permit application, that the information contained on this form is consistent with the						
design documents, and that information used in any annual energy use calculations, if applicable, is a true representation of the design documents. Date: Date:						
		6h		K	01	1 TAN 2012
JUHN SMITH		1				

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 is completed by the person responsible for the energy efficiency design of the project, and must be submitted with the building permit application. The information on this form MUST reflect the drawings and specifications being submitted, or the building permit will 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 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.

- SB-12 Prescriptive 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 (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 be labelled on completion by Energuality or other agency. The <u>Energy Star</u> 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 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 <u>SB-12 Prescriptive</u> option is being used.

AIRTIGHTNESS REQUIREMENTS FOR 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. A blower door test to verify the air tightness of the house must be conducted during construction if the NRCan EnerGuide80 option is used, or if the SB-12 Performance or Energy Star options are 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.

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.

APPLICABLE LAW (O.B.C. 1-1.4.1.3)

Ontario Reg. 608/06 and Ontario Reg. 246/01 Ontario Planning and Development Act 1994 - Sec. 14 and Subsection 17. (1) Conservation Authorities Act - 28(1) (c) Ontario Heritage Act - Sec. 30(2), 33, 34, 42, 40.1, 34.5, 34.7(2), 29(3), 34.6, 27(3) Development Charges Act, 1997 - Sec. 28 and 53 Education Act - Sec. 194, Sec. 257.83 and 257.93 Nursing Homes Act - Sec. 4 of Reg. 832/1990; Subsections 4. (3) and (5) of Reg. 832/1990 Day Nurseries Act - Sec. 5 of Reg. 262/1990 Municipal Act, 2001 - Subsection 133.4 Environmental Protection Act - Sec. 46; Sec. 168.3.(1), 168.6.(1) and 47.3 Environmental Assessment Act - Sec. 5 and Subsection 5.(4) Homes For The Aged And Rest Homes Act - Sec. 14 Elderly Persons Centres Act - Sec. 6 of Reg. 314/1990 Public Lands Act - Sec. 2 of Ontario Reg. 453/96

Planning Act - Sec. 46, Sec. 33 and 47; Sec. 34 or 38; Sec. 41, Sec. 42, Sec. 42(6),

- □ Funeral Directors and Establishments Act Sec. 9 of Reg. 469/1990
- □ Milk Act Sec. 14

□ Nutrient Management Act 2002 - Sec. 11.1 of Reg. 267/03

Charitable Institutions Act - Sec. 5

FOR THE PURPOSES OF CLAUSE 10(2)(a), OF THE ACT, APPLICABLE LAW MEANS ANY GENERAL OR SPECIAL ACT, AND ALL REGULATIONS AND BY-LAWS ENACTED UNDER THEM THAT PROHIBIT THE PROPOSED USE OF THE *BUILDING* UNLESS THE ACT, REGULATION OR BY-LAW IS COMPLIED WITH.

Public Transportation and Highway Improvement Act - Sec. 34 or 38



THE CORPORATION OF THE TOWN OF COBOURG 55 KING STREET WEST COBOURG ON K9A 2M2 Phone: (905) 372-1005 Fax: (905) 372-1533

ORDER NOT TO COVER OR ENCLOSE

Pursuant to Subsection 13(1) of the Building Code Act, 1992

THIS ORDER APPLIES TO THE APPLICANT/OWNER/BUILDER AND ADDRESS AS NOTED ON THE REVERSE SIDE OF THIS FORM

You are hereby prohibited from covering or enclosing the parts of the building described below, pending an inspection. Please arrange for an inspection when the part of the building identified below is ready for inspection.

的情報	ITEM & DESCRIPTION OF AREA NOT TO COVER OR ENCLOSE		
	REQUIRED BUILDING PERMIT INSPECTIONS		
	FOOTINGS - just prior to placement of concrete		
	FOUNDATION - dampproofing prior to installing drainage layer		
	FOUNDATION - drainage layer, weeping tile, stone - prior to backfilling		
	STRUCTURAL FRAMING - upon completion, prior to insulating		
	H.V.A.C. SYSTEMS - upon completion prior to covering		
	INSULATION & VAPOUR BARRIER - upon completion prior to covering		
	AIR BARRIER - upon completion prior to covering		
	FIRE SEPARATIONS, CLOSURES, FIRE STOPPING - upon completion prior to covering		
	REQUIRED ARCHITECTS / ENGINEERS INSPECTION REPORTS shall be submitted to the Building Department		
	OCCUPANCY - Prior to occupying building		
•	DO NOT UNDERMINE EXISTING FOOTINGS (REFER TO DIV. C, 1.2.1.1.(5) OF THE OBC) NOTE: PLUMBING AND SEWAGE SYSTEMS REQUIRE SEPERATE PERMITS		

Order issued by:

Frank Lukes Frank Lukes, Chief Building Official

BCIN:

#10701

Telephone No:

905-372-1005

REQUIRED ACTION

- CALL BUILDING DEPARTMENT AT 905-372-1005 TO ARRANGE REQUIRED INSPECTIONS NOTED ABOVE. 48 HRS NOTICE IS REQUIRED.
- ALL PERTINENT WORK MUST BE IN PLACE PRIOR AT TIME OF INSPECTION OR RE-INSPECTION FEES MAY APPLY.
- CALL OFFICE TO CANCEL OR RESCHEDULE APPOINTMENTS IF WORK CANNOT BE COMPLETED IN TIME. 4. FAILURE TO HAVE INSPECTIONS PERFORMED MAY RESULT IN HAVING TO UNCOVER AND EXPOSE WORK FOR INSPECTION AT OWNERS EXPENSE.

Note:

- It is illegal to obstruct the visibility of a posted Order. It is also illegal to remove a posted Order unless authorized by an inspector or Registered Code Agency. [Building Code Act, 1992 s.20]
- An Order may be appealed to the Superior Court of Justice. [Building Code Act, 1992 s.25]. It may also be appealed to the Building Code Commission concerning the sufficiency of compliance with the technical requirements of the Building Code. [Building Code Act, 1992 s. 24] Failure to comply with this Order could result in an Order to Uncover and/or a Stop Work Order. [Building Code Act, 1992 s.14] Failure to comply with an Order is an offence which could result in a fine. [Building Code Act, 1992 s.36]
- For plumbing inspection requirements refer to information on plumbing permit.

5.13 PERMITTED ENCROACHMENTS IN YARDS

5.13.1 Every part of any yard required by this By-law shall be open and unobstructed by any structure from the ground to the sky, provided however that those structures listed in the following table shall be permitted to project into the yards indicted for the distances specified:

Structure	Yard in which Projection is Permitted	Max. Projection from Main Wall is Permitted
Sills, belt courses, eaves cornices, gutters, chimneys or pilasters, parapets or other ornamental features	Any yard	.75 meters (2.5 feet)
Fire escapes and exterior staircases	Interior side or rear yard only	1.5m (5 ft) provided that the staircase does not extend closer than 0.6m (2 ft) to any lot line
Window bays	Front, rear and/or exterior side yards only	1.0m (3 ft)
Unenclosed and uncovered porches and sundecks, steps and patios <u>not exceeding</u> 0.6m (2 ft) above finished grade	Any yard	2.4m (8 ft) including eaves and providing that no porch or sun-deck extends closer than 0.6m (2 ft) to any lot line, no steps extend closer than 0.6m (2 ft) to any lot line and remains free and clear of any sight triangles
Unenclosed and uncovered porches and sundecks and steps <u>between</u> 0.6m (2 ft) and 1.8m (6 ft) above finished grade	Interior side, rear and/or exterior yards only	2.4m (8 ft) including eaves and providing that no porch or sundeck extends closer than 0.6m (2 ft) to any lot line, no steps extend closer than 0.6m (2 ft) to any lot line and remains free and clear of any sight triangles
Unenclosed and uncovered porches and sundecks and steps <u>over</u> 1.8m (6 ft) above finished grade	Interior side and/or rear yards only	2.4m (8 Ft) including eaves and providing that no porch or sundeck extends closer than 1.6m (5.3 ft) to any lot line, no steps extend closer than 0.6m (2 ft) to any lot line and remains free and clear of any sight triangles
Balconies that exceed 0.6m (2 ft) above finished grade	Front, rear and exterior side yards for residential purposes	2.4m (8 ft) providing that no balcony extends closer than 1m (3.3 ft) to any lot line

6.1.6.2 RESIDENTIAL DEVELOPMENT

i) Driveways in any Residential, Institutional, Open Space, or Development Zone (R1, R2, R3, R4, R5, I, EC, OS, D) shall meet the following requirements with regard to width along the entire length of the driveway from the street line:

Туре	Minimum Width	Maximum Width
Separate Ingress or egress for one way traffic: One single detached residence on one lot; one townhouse unit on one lot; one unit of a semi-detached residence on one lot	3.5m (11.5 ft)	7.5m (25 ft)
Combined ingress and egress for two way traffic: Shared driveway for a residential building containing five or more units on one lot	4.6m (15 ft)	7.5m (25 ft)
Combined ingress and egress for two way traffic: Shared driveway for a residential building containing five or more units on one lot	6m (20 ft)	7.5m (25 ft)
Joint driveway shared with abutting property: Total driveway with over both properties	6m (20 ft)	9m (30 ft)
Joint driveway shared with abutting property in the NR1, NR2, and NMU Zones	3.0m (10 ft) with min 3.75m (12 ft) between building faces	6m (20 ft)

ii) Driveways in any Rural or Rural Residential Zone (RU) shall meet the following requirements with regard to width along the entire length of the driveway from the street line:

Туре	Minimum Width	Maximum Width
Separate Ingress or egress for one way traffic: One single detached residence on one lot; one townhouse unit on one lot; one unit of a semi-detached residence on one lot	4.5m (15 ft)	9m (30 ft)
Joint driveway shared with abutting property:		
Total driveway width over both properties	6m (20 ft)	9m (30 ft)

The minimum distance between a driveway and the intersection of any two street lines, measured along the street line, shall be 9m (30 ft).

6.1.6.3 **GENERAL**

- i) The minimum angle of intersection between a driveway and a street line shall be 60 degrees.
- ii) The minimum distance between two separate driveways on one lot, measured along the street line, shall be 9m (30 ft).
- No driveway shall be closer than 1.0m (3.3 ft) to a side lot line, provided that this shall not apply to prevent the establishment of joint driveways along a common line.

6.1.7. UNDERGROUND PARKING

Underground parking structures shall be permitted in all yards, provided that no part of any underground structure shall be located within the limits of a street allowance.

THE APPROVAL PROCESS

Depending on the complexity of your project, your application may be reviewed in three stages:

- 1) Planning Department staff will check for compliance with the regulations and provisions of the zoning by-law such as proposed use, minimum setback requirements, lot coverage and building height, etc.
- 2) Building Department staff will review the proposed construction to ensure compliance with the Ontario Building Code.
- 3) Engineering Department staff will review the project for compliance with lot grading and servicing requirements.

If during the review an examiner identifies deficiencies on the drawings or requires additional information, the designer and/or applicant will be notified.

Please ensure that the necessary information is submitted promptly, as subject to the type of deficiency no further processing may occur until the information is received.

When the review of your application is completed and all requirements have been met, your building permit will be available. Applicant will be notified.

- * It is unlawful to start construction without the necessary permits. If you start construction without the necessary permits, you may be ordered to stop work, ordered to remove work already done, or prosecuted. <a href="https://doi.org/10.1007/jhtml/j
- ** Once you receive your permit, ensure that the permit and approved drawings are available on the construction site.

Inspections

Construction may commence upon issuance of the Building Permit. Several inspections are required to ensure that all work is done according to the approved plans including changes noted by the plans examiner. Your will be issued a list of the required inspections for your specific project.

Examples of construction stages when inspections are required are on the attached copy of an 'Order Not to Cover'.

Inspections do not happen automatically. It is <u>your responsibility</u> to ensure that either you or your contractor contacts the Town to request an inspection at least 24

hours before work proceeds from one inspection stage to the next. This will ensure that your project proceeds as approved.

Failure to have inspections performed may result in having to <u>uncover and expose</u> <u>work</u> for inspections. For inspections call 905-372-1005.

Other Inspections

- Electrical
- Plumbing
- Gas

* Remember to call for the location of utilities before you dig

CONTACTS		
Building & Planning Department	Engineering Department	
55 King Street West	55 King Street West	
Victoria Hall	Victoria Hall	
Cobourg ON K9A 2M2	Cobourg ON K9A 2M2	
905-372-1005	905-372-4555	
Lakefront Utilities (LUSI/LUI)	Ganaraska Region Conservation	
207 Division Street	Authority (GRCA)	
P.O. Box 577	P.O. Box 328	
Cobourg ON K9A 4L3	Port Hope, ON L1A 3W4	
905-372-2193	905-885-8173	
District Health Unit	Plumbing Inspection	
200 Rose Glenn Road	Northumberland County	
P.O. Box 90	555 Courthouse Road	
Port Hope ON L1A 3V6	Cobourg ON K9A 5J6	
905-885-9100	905-372-1929	
Electrical Safety Authority	Fire Department	
Electrical Inspection	111 Elgin Street East	
Peterborough ON	Cobourg ON K9A 1A1	
1-877-372-7233	905-372-9789	
Ontario One Call	Union Gas	
(Underground Locates)	1-888-774-3111	
1-800-400-2255		

The Building Code Act and the Ontario Building Code can be found online at:

www.e-laws.gov.on.ca

Search for "Building Code"