BUILDING PERMIT APPLICATION - NEW HOUSE

HOW TO OBTAIN A BUILDING PERMIT

When a building permit is required, an application must be filed with the Building Department using the following forms. Once submitted with all the necessary documentation, a permit **may** be issued **after** the application has been reviewed to ensure compliance with the Ontario Building Code, the Township Zoning By-law and any other applicable regulation. A plans review document, detailing the deficiencies of your submission, if any, may form part of your building permit. The Chief Building Official is responsible for the issuance of all building permits.

All applicants who construct homes for the purpose of resale must provide proof of registration with TARION NEW HOME WARRANTY.

Other Land Use Approval permits may be required from such agencies as the Ministry of Transportation, depending on the nature of the project and the specific location of the site.

Building permit fees are listed in **Schedule "A" of By-Law 3696-2024**. All required **fees** must be paid before the permit can be issued.

Please follow each of the steps below. Should you feel that one of the steps is not required, please contact the Chief Building Official for confirmation.

Step 1: Septic Permit

Submit an application for a Permit to Construct or Demolish to the local Conservation Authority when installing plumbing or septic systems. South Nation Conservation approves and issues septic permits in the Township of Augusta. Please visit South Nation Conservation's website for septic permit applications.

South Nation Conservation Application for Permit to Construct or Demolish

Step 2: 911 Number

If your property does not already have one, please apply for a civic/911 number at the Township office.

NOTE: As getting a 911 number can take time (a number needs to be assigned then the sign needs to be ordered, made, shipped back and then placed on the property), please apply for your 911 as early in the process as possible, preferably before you apply for your building permit. Do not wait and include it with your building permit package. 911 numbers are assigned and ordered by the Fire Department, not the Building Department so please bring your application and payment to the township office to be processed separately.

911 Application

Step 3: Entranceway

If your property requires an entranceway, please complete the following form and submit it at the Township office.

NOTE: As it can take time to determine the requirements of an entranceway and then to install it, please apply for your entranceway as early in the process as possible, preferably before you apply for your building permit. Do not wait and include it with your building permit package. Entranceways are installed by the Public Works Department, not the Building Department so please bring your application and payment to the township office to be processed separately.

Entranceway Application

Entrances onto county roads (see list below) will require the applicant to acquire approval from the United Counties of Leeds & Grenville's Roads Department prior to receiving a building permit. You can find their Entranceway Application on their **website**.

County Roads:
County Roads Department
United Counties of Leeds and Grenville
P.O. Box 729 Brockville, Ontario K6V 5V8
Tel: (613) 342-2710
Fax: (613) 342-2101

County Roads in Augusta Township
County Road 2 (Brockville to Prescott, a.k.a. Highway 2)
County Road 6 (Brockville to North Augusta)
County Road 15 (Maitland to Merrickville, a.k.a. the Maitland/Merrickville Rd.)
County Road 18 (Prescott to Oxford Mills)
County Road 21 (North Augusta to Spencerville)

County Road 26 (a.k.a. 3rd Concession)
County Road 31 (County Road 2 to County Road 26, a.k.a. Blue Church Road)
County Road 45 (a.k.a. Brockchem Road)

Step 4: Authorization for Applicant to Act as Agent

If someone else is applying for a building permit on your behalf or will be discussing your project with the Chief Building Official on your behalf, the following form will need to be signed by you - the landowner - and submitted with your application.

Agent for Registered Landowner

Step 5: Read "Top 10 Common Law Drainage Problems Between Rural Neighbours"

In **Step 6** you will be asked to sign the Roles & Responsibilities Declaration form. One of the items listed on this form is abiding by the common law drainage rules and principles as laid out in the pamphlet "Top 10 Common Law Drainage Problems Between Rural Neighbours. A copy of the pamphlet has been provided with this application.

Step 6: Building Permit Application

All applicants must complete, sign and date the **Application for a Permit to Construct or Demolish** as well as the **Roles & Responsibilities Declaration** Form, the **Site & Drainage Plan** Form and the **Construction Details** form.

The completed application form must be accompanied by the following:

1. **A deed** may be required indicating the name of the **current registered owner** of the property for which the permit is to be issued.
2. **A site plan** showing the **location of all existing and proposed buildings or additions, any hydro lines, water courses, pipelines, railway tracks and wells or septic systems and leaching beds** on the lot in relation to the property
3. Provide a reasonable and clear **plan showing water drainage** and run off, satisfactory to the Municipal Drainage Superintendent or Designate.
4. **Drawings (2 Sets)** of the proposed works, **fully dimensioned and showing sufficient detail** in order to determine compliance with the building code and any other applicable **One full size (2'x3') set of drawings are to be printed, the 2nd set is to be submitted in PDF format by email to kmorrell@augusta.ca.*

5. **Truss layout, truss package and joist system layout** must be submitted to the building department prior to the framing inspection request.
6. **Sewage System Permit, or Maintenance Inspection, application** for all new construction, additions and renovations are required to be submitted to South Nation Conservation (see Step 1). A building permit cannot be issued prior to South Nation approval.

Step 7: Energy Efficiency Design Summary: Prescriptive Method

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

You can download the **Energy Efficiency Design Summary: Prescriptive Method form** from the Ontario Building Officials Association website.

Step 8: Energy Efficiency Design Summary: Performance & Other Acceptable Compliance Methods

This form is used by a designer to demonstrate that the energy efficiency design of a house complies with the building code using the Performance or Other Acceptable Compliance Methods described in Subsections 3.1.2. and 3.1.3. of SB-12. 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.

You can download the **Energy Efficiency Design Summary: Performance & Other Acceptable Compliance Methods Form** from the Ontario Building Officials Association website.

Step 9: Ventilation Summaries

The **Residential Mechanical Ventilation Design Summary form** needs to be completed showing that the design and performance of residential ventilation system complies to Ontario Building Code 2012 Dev. B 9.32.

The **Imbalance@ CEC (Critical Exhaust Condition) form** is for systems with spillage susceptible combustion appliances.

If you have any questions regarding any part of this process, please call or email the Chief Building Official, Karen Morrell at 613-925-4231 ext. 106, kmorrell@augusta.ca.

SCHEDULE A
BY-LAW 3696-2024

BUILDING

ITEM	FEE	NOTES
Compliance Letter	$100.00	
Fast Tracked Compliance Letter	$150.00	Within 48 hours
Occupancy Permit, (new construction)	$95.00	
Residential Buildings	1.00/sq ft	
Partially finished basement, non-living space	$.85/sq ft	Excludes building services mechanical area
Accessory Buildings	$.50/sq ft	
Solar Panels	$.30/sq ft	Plus, engineering report on structural adequacy of building
Designated Structures	$10.00 per $1,000.00 of evaluation cost	
Agricultural Use Structures	$.25/sq ft	Max. $750.00 Building up to 20,000 sq ft
Agriculture Use Structures	$.05/sq ft	Building over 20,000 sq ft
Commercial/Industrial	$.40/sq ft	
Demolition Permit	$110.00	
Pool Permits	$95.00	Pool only
Tents	$95.00	Greater than 646 sq ft
Decks, pool decks, porches, gazebos	$.50/sq ft	
Plumbing	$11.00/fixture	
Woodstove permits	$95.00	Does not include WETT
Conditional Permit	$110.00	
Re-inspections/Plan re-examination	$95.00	2nd + inspections/ 2nd + examinations
Change of use permit	$.35/sq ft	
Transfer or Renewal permit	$95.00	With no changes
Insulation/vapour barrier retrofit	$95.00	
Hydronic heating or Radon Piping	$95.00	
Misc. inspections	$95.00	
Revision permit	$95.00	Based on new construction fees or min amount.
Revocation of Permit	65% of permit value	Minimum $95
Building without a permit	Double the cost of the Permit	
Refundable deposit, new residential	$500.00	After final inspection Deductions may apply

Non-refundable deposit	$95.00	Applied to permit cost
Orders issued under the Building Code Act	$250.00	
Inspections required beyond two years from date of permit issuance	$250.00	
Alternative Solutions	$1,000.00	Plus, any third-party review costs.

Minimum fee $95.00

The amount of fees that may be refunded shall be a percentage of the fees payable under this by-law, as follows:

(a) 80% of the fees if administrative functions only have been performed;

(b) 70% of the fees if administrative and zoning functions only have been performed;

(c) 45% of the fees if administrative, zoning and plan examination functions have been performed;

(d) 35% of the fees if the permit had been issued and no field inspections have been performed subsequent to permit issuance;

(e) 5% of the fees shall additionally be deducted for each field inspections have been performed after the permit has been issued;

(f) Notwithstanding Section 1 above, no refund shall be made of an amount less than $25.00;

(g) Refunds shall not be granted unless the owner requests a refund in writing to the CBO within six (6) months of issue of the permit; and

(h) Requests for partial refunds due to changes in the estimated construction values must be submitted in writing to the CBO within six (6) months of substantial completion of the project.

"SCHEDULE "B"
OF BY-LAW 3413

RESPECTING PLANS OR WORKING DRAWINGS

List of Plans or Working Drawings (2 sets required) to accompany application for permits.

1) The Site Plan

2) Floor Plans

3) Foundation Plans

4) Framing Plans

5) Roof Plans/Truss Plans

6) Energy Efficiency Design Summary

7) Reflected Ceiling Plans

8) Sections and Details

9) Building Elevations

10) Electrical Drawings

11) Heating, Ventilations and Air Conditioning Drawings

12) Plumbing Drawings

NOTE: The Chief Building Official may specify that not all the above mentioned plans are required to accompany an application for permit.

AUGUSTA TOWNSHIP
3560 County Road 26
Prescott, ON K0E 1T0
Phone: 613-925-4231 Fax: 613-925-3499

911 / Civic Number Application

Select One: ☐ NEW SIGN ☐ NEW SIGN (VACANT FARM LAND)

☐ REPLACEMENT SIGN ☐ REPLACEMENT POST

Name: _____

Mailing Address: _____

Phone Number: _____

Lot & Concession: _____

Road Name: _____

Signature Of Applicant: _____

Notes: _____

_____

_____

Payment Options:

Cheques can be made out to 'Augusta Township' and either mailed, placed in the drop box or brought into the Township office. Cash and debit are also available at the Township office.

AUGUSTA TOWNSHIP

FOR TOWNSHIP USE ONLY:

Date Paid _____

Invoice Number: _____

Property Roll #: _____

911 Number Assigned: _____

Building Permit Number: **N/A** _____

Notes: _____

_____

_____

AUGUSTA TOWNSHIP

Entranceway Application

- Entrance ways will be installed by the Township of Augusta under By-Law 3711-2024.
- Please attach a cheque in the amount of **$125.00** made payable to THE TOWNSHIP OF AUGUSTA to this application for the Permit Fee or pay in person at the office. (A refund of $75 will be refunded if the application is denied).
- The owner making the request for the installation is responsible for paying 100% of the cost.
- Entrance ways are not applicable to County Roads or Provincial Highways through the Township of Augusta.
- One (1) stake must be placed where the owner wishes to have the center of their entrance way before the site approval takes place and will be notified of dates and changes if necessary.
- Culvert extension costs will be determined by the Public Works Manager (as required).

Name of Applicant: _____

Mailing Address: _____

Home Phone: _____ **Cell Phone:** _____

Other Contact *(please specify)*: _____

Civic #: _____ **Township Road:** _____

Lot: _____ **Con:** _____ **Plan:** _____

Roll #: 0706 000 0_____ **Building Permit #:** _____

Type of Entranceway: ☐ New Installation ☐ Re-installation

☐ Extension or Alteration ☐ Relocation

AUGUSTA TOWNSHIP

Classification of Entrance Way:

☐ Residential ☐ Agricultural ☐ Commercial

☐ Temporary ☐Other _____

☐ Reclassification: From _____

To _____

Additional Comments: _____

_____

_____

***Installation may take up to 3 weeks from date of completed application and can only be installed within the time period of May 15th to November 15th ***

STANDARD ENTRANCE IS 6 METRES IN WIDTH. ANY REQUEST FOR A CHANGE FROM A STANDARD ENTRANCE MUST BE REFERRED TO THE OFFICE.

According to By-Law 3177-2015, the minimum width of an entrance way is 6 metres due to the available lengths of culvert (standard). The costs listed below are for this 6-metre length of culvert. If a different width of entrance way is requested, the costs will vary accordingly. The types of culverts used are standard HDPE BOSS 2000 [(plastic pipe) 320 kPa] and the gravel used in installation is Granular M. The size of the culvert used will be determined by the Public Works Manager or Designate. The cost includes the culvert (couplers included), gravel, installation, compaction, grading, survey, and utility locates.

PERMIT FEE: $125.00

Culvert Size (Diameter)	300mm (12”)	400mm (16”)	500mm (20”)
Installation Cost*	$1,802.44	$1,884.10	$2,009.80

Costs subject to annual increase to reflect input specific increases (inflation).

AUGUSTA TOWNSHIP

I, _____, hereby apply to the Corporation of the Township of Augusta for permission to construct, alter and/or change the use of the entrance way described above and do hereby agree to conform to the Township's conditions, standards and specifications governing entrance ways.

I DECLARE THAT I UNDERSTAND THE CONTENTS OF BY-LAW 3711-2024:

SIGNATURE OF APPLICANT: _____

DATE: _____

OFFICE USE:

Permit Fee Received: ☐ Yes ☐ No Date: _____

Entrance Way Approved: ☐ Yes ☐ No

Size of Culvert: _____ Entrance Way Cost: $_____

Date Paid: _____ Invoice #: _____

Date Installed: _____

AUGUSTA TOWNSHIP
3560 County Road 26
Prescott, ON K0E 1T0
Phone: 613-925-4231 Fax: 613-925-3499

AUTHORIZATION FOR AN APPLICANT TO ACT AS AN AGENT FOR THE REGISTERED LANDOWNER

I, _____, being the legal owner of the

property located at (Civic address) _____,

in the Township of Augusta authorize _____

whose phone number and mailing address is _____

_____

to Act as an agent on my behalf.

_____
Signature of Registered Landowner

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 Authority	
Application number:	Permit number (if different):
Date received:	Roll number:

Application submitted to: _____
(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 code	Plan number/other description		
Project value est. $		Area of work (m^2)		

B. Purpose of application

☐ New construction ☐ Addition to an existing building ☐ Alteration/repair ☐ Demolition ☐ Conditional Permit

Proposed use of building	Current use of building
Description of proposed work	

C. Applicant

Applicant is: ☐ Owner or ☐ Authorized agent of owner

Last name	First name	Corporation or partnership		
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number	Fax		Cell number	

D. Owner (if different from applicant)

Last name	First name	Corporation or partnership		
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number	Fax		Cell number	

E. Builder (optional)

Last name	First name	Corporation or partnership (if applicable)	
Street address		Unit number	Lot/con.
Municipality	Postal code	Province	E-mail
Telephone number	Fax	Cell number	

F. Tarion Warranty Corporation (Ontario New Home Warranty Program)

i. Is proposed construction for a new home as defined in the *Ontario New Home Warranties Plan Act*? If no, go to section G.	☐ Yes	☐ No
ii. Is registration required under the *Ontario New Home Warranties Plan Act*?	☐ Yes	☐ No

iii. If yes to (ii) provide registration number(s): _____

G. Required Schedules

i) Attach Schedule 1 for each individual who reviews and takes responsibility for design activities.

ii) Attach Schedule 2 where application is to construct on-site, install or repair a sewage system.

H. Completeness and compliance with applicable law

i) This application meets all the requirements of clauses 1.3.1.3 (5) (a) to (d) of Division C of the Building Code (the application is made in the correct form and by the owner or authorized agent, all applicable fields have been completed on the application and required schedules, and all required schedules are submitted).	☐ Yes	☐ No
Payment has been made of all fees that are required, under the applicable by-law, resolution or regulation made under clause 7(1)(c) of the *Building Code Act, 1992*, to be paid when the application is made.	☐ Yes	☐ No
ii) This application is accompanied by the plans and specifications prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the *Building Code Act, 1992.*	☐ Yes	☐ No
iii) This application is accompanied by the information and documents prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the *Building Code Act, 1992* which enable the chief building official to determine whether the proposed building, construction or demolition will contravene any applicable law.	☐ Yes	☐ No
iv) The proposed building, construction or demolition will not contravene any applicable law.	☐ Yes	☐ No

I. Declaration of applicant

I _____ declare that:
(print name)

1. The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge.
2. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership.

_____ _____
Date Signature of applicant

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

☐ House	☐ HVAC – House	☐ Building Structural
☐ Small Buildings	☐ Building Services	☐ Plumbing – House
☐ Large Buildings	☐ Detection, Lighting and Power	☐ Plumbing – All Buildings
☐ Complex Buildings	☐ Fire Protection	☐ On-site Sewage Systems

Description of designer's work

D. Declaration of Designer

I _____ 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.

_____ _____

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) (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.

Schedule 2: Sewage System Installer Information

A. Project Information

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

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. Registered installer information (where answer to B is "Yes")

Name			BCIN	
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number	Fax		Cell number	

D. Qualified supervisor information (where answer to section B is "Yes")

Name of qualified supervisor(s)	Building Code Identification Number (BCIN)

E. Declaration of Applicant:

I _____ declare that:
(print name)

I am the applicant for the permit to construct the sewage system. If the installer is unknown at time of application, I shall submit a new Schedule 2 prior to construction when the installer is known;

OR

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:

1. 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

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

Roles and Responsibilities of the Builder or to Whom a Permit is Issued

- Comply with BCA/OBC; 8.(11)
- Complete applications with required info.; BCA 7., 8.(2e), [C]1.3.1.3.(5)
- Obtain permit prior to construction; 1.(1)
- Obtain permit prior to Change of Use unless exempt by [C]1.3., BCA1.(2), 8.(1), 34. (1)
- Post permit; BCA 34.(1), [C]1.3.2.1(1)
- Copy of drawings on site; BCA 34.(1), [C]1.3.2.2.(1a.b)
- Notify CBO of changes; BCA 8.(12)
- Adhere to plans, specs; BCA 8.(13)
- Fences to enclose site; BCA 7.(1i,j)
- Notify on stages of construction; BCA 10.2(1), [C]1.3.5.1.(2)
- Occupy unfinished bldg. after inspection; BCA [C]1.3.3.1.(2), 1.3.3.2.(1)
- Provide as constructed plans; [C]1.3.6., BCA 7.(1g)
- Not hinder but assist; BCA 19.
- Obey Stop Work Order; BCA 14.(4)
- Respect posted orders; BCA 20.1.

Before the work starts ensure that all contractors have WSIB clearance numbers (1-800-387-0750) The law has changed. Failing to register with the WSIB by January 2014 and working without a clearance number means penalties and significant fines for contractors and those who hire them. www.wsib.on.ca

- Minimum clearance to hydro lines or poles is 5 meters horizontally or vertically. Electrical Safety Authority (ESA) 1-877-372-7233
- Minimum clearance to railway tracks are as described in section 6.38 and 6.42.1 of Zoning By-Law #2965.
- Canadian National Railway runs through Augusta Township. (CNR) 1-888-888-5909
- Minimum clearance to pipelines is 30 meters from the pipeline right of way. Pipeline Public Awareness 1-855-458-6715
- New residential development shall be setback a minimum distance in accordance with MDS calculations as per section 6.42.3. of Zoning By-Law #2965.

Call Before You Dig – It's Free. In Ontario: 1-800-400-2255 or www.clickbeforeyoudig.com Ontario One Call: 1-800-400-2255. www.on1call.com
Pipeline Emergency: 1-888-982-7222
Pipeline Landowner Inquiries: 1-866-372-1601

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

DECLARATION OF BUILDER, APPLICANT OR OWNER

I, _____ declare that I have read and understood the information and agree to abide by these roles and responsibilities listed above.

_____ _____
Signature Date

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

Site & Drainage Plan

Please include:

- Location of all existing and proposed buildings and pools
- Front, rear and side yards set backs
- Location of well, septic and hydro poles
- Using arrows, show the direction of surface water flow

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

NOTES:

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

Construction Details

1. Construction Type — Frame_____ ICF_____ Veneer_____ Masonry_____
   Reinforced Concrete_____ Steel_____
   Other (specify)_____
2. Soil Type — Rock_____ Clay_____ Loam_____ Other_____
   Are special foundations required? Yes_____ No_____
3. Foundation — Wall Thickness_____
   Type: Poured_____ Block_____
   Other (specify)_____
4. Footings — Size_____
5. Heating — Gas_____ Oil_____ Electric_____
   Other (specify)_____
6. Ventilation — Required ventilation summary has been submitted_____ or N/A_____
7. Please indicate the number of new bedrooms and/or water fixtures proposed_____ or N/A_____
8. Septic Approval — Approval obtained (reno, setbacks, building additions, increased fixtures or bedroooms) Yes_____ or N/A_____
9. CSA or Other Approval No. on Fuel Burning Appliance _____ or N/A_____
10. Chimney — Existing_____ New_____
    CSA or other approval No. on chimney pipes_____
    or N/A _____
11. WETT certification document & installer info _____

Application submitted to: The Corporation of the Township of Augusta
3560 County Rd. 26, Prescott, ON, K0E 1T0
T 613-925-4231 F 613-925-3499
www.augusta.ca

SITE PLAN

1. Lot Dimensions Lot area_____ acres Lot Dimensions_____ft. x _____ft.

2. Setbacks from proposed structure to lot lines (view from road):

Left Side Yard: _____ ft. Right Side Yard _____ ft.

Front Yard: _____ ft. Rear Yard: _____ ft.

3. Dimensions of:

Proposed Structure	Deck
Width: _____	N/A: _____
Length: _____	Width: _____
Height: _____	Length: _____
Area Sq. ft. _____	Height: _____

4. Is there a barn located within 300m of the property? Yes_____ No_____

TO BE INCLUDED ON SITE SKETCH for existing and proposed structures:

1. Distances to: All Lot Lines_____ Septic (tank & tile bed)_____

Well_____

Energy Efficiency Design Summary: Prescriptive Method

(Building Code Part 9, Residential)

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

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

A. Project Information

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

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

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

C. Project Design Conditions

Climatic Zone (SB-1):	**Heating Equipment Efficiency**	**Space Heating Fuel Source**		
□ Zone 1 (< 5000 degree days)	□ ≥ 92% AFUE	□ Gas	□ Propane	□ Solid Fuel
□ Zone 2 (≥ 5000 degree days)	□ ≥ 84% < 92% AFUE	□ Oil	□ Electric	□ Earth Energy

Ratio of Windows, Skylights & Glass (W, S & G) to Wall Area		**Other Building Characteristics**
Area of walls = _____m^2 **or**_____ft^2	W, S & G % = _____	□ Log/Post&Beam □ ICF Above Grade □ ICF Basement □ Slab-on-ground □ Walkout Basement □ Air Conditioning □ Combo Unit □ Air Sourced Heat Pump (ASHP) □ Ground Sourced Heat Pump (GSHP)
Area of W, S & G = _____m^2 **or**_____ft^2	Utilize window averaging: □Yes □No	

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

Energy Efficiency Substitutions		
□ ICF (3.1.1.2.(5) & (6) / 3.1.1.3.(5) & (6))		
□ Combined space heating and domestic water heating systems (3.1.1.2.(7) / 3.1.1.3.(7))		
□ Airtightness substitution(s)		
Airtightness test required (Refer to Design Guide Attached)	□ Table 3.1.1.4.B Required:_____	Permitted Substitution:_____
	□ Table 3.1.1.4.C Required:_____	Permitted Substitution:_____
	Required:_____	Permitted Substitution:_____

Building Component	**Minimum RSI / R values or Maximum U-Value(1)**		**Building Component**	**Efficiency Ratings**	
Thermal Insulation	Nominal	Effective	**Windows & Doors** Provide U-Value(1) or ER rating		
Ceiling with Attic Space			Windows/Sliding Glass Doors		
Ceiling without Attic Space			Skylights/Glazed Roofs		
Exposed Floor			**Mechanicals**		
Walls Above Grade			Heating Equip.(AFUE)		
Basement Walls			HRV Efficiency (SRE% at 0°C)		
Slab (all >600mm below grade)			DHW Heater (EF)		
Slab (edge only ≤600mm below grade)			DWHR (CSA B55.1 (min. 42% efficiency))		# Showers___
Slab (all ≤600mm below grade, or heated)			Combined Heating System		

(1) U value to be provided in either W/(m^2•K) or Btu/(h•ft^2•F) but not both.

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

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

Guide to the Prescriptive Energy Efficiency Design Summary Form

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

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

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

COMPLETING THE FORM

B. Compliance Options

Indicate the compliance option being used.

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

C. Project Design Conditions

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

D. Building Specifications

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

BUILDING CODE REQUIREMENTS FOR AIRTIGHTNESS IN NEW HOUSES

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

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

OBC Reference Default Air Leakage Rates (Table 3.1.1.4.A)

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

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

E. House Designer

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

Form authorized by OHBA, OBOA, LMCBO. Revised November 30, 2016.

Energy Efficiency Design Summary:
Performance & Other Acceptable Compliance Methods

(Building Code Part 9, Residential)

This form is used by a designer to demonstrate that the energy efficiency design of a house complies with the building code using the Performance or Other Acceptable Compliance Methods described in Subsections 3.1.2. and 3.1.3. of SB-12,

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.

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

A. Project Information

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

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

☐ *SB-12 Performance** [SB-12 - 3.1.2.]	* Attach energy performance results using an approved software (see guide)
☐ *ENERGY STAR®** [SB-12 - 3.1.3.]	* Attach Builder Option Package [BOP] form
☐ *R-2000®* *[SB-12 - 3.1.3.]	* Attach R-2000 HOT2000 Report

C. Project Building Design Conditions

Climatic Zone (SB-1):	**Heating Equipment Efficiency**	**Space Heating Fuel Source**
□ Zone 1 (< 5000 degree days)	□ ≥ 92% AFUE	□ Gas □ Propane □ Solid Fuel
□ Zone 2 (≥ 5000 degree days)	□ ≥ 84% < 92% AFUE	□ Oil □ Electric □ Earth Energy
Ratio of Windows, Skylights & Glass (W, S & G) to Wall Area		**Other Building Characteristics**
Area of walls = _____m^2 **or**_____ft^2	W, S & G % = _____	□ Log/Post&Beam □ ICF Above Grade □ ICF Basement □ Slab-on-ground □ Walkout Basement □ Air Conditioning □ Combo Unit □ Air Source Heat Pump (ASHP) □ Ground Source Heat Pump (GSHP)
Area of W, S & G = _____m^2 **or**_____ft^2		
SB-12 Performance Reference Building Design Package indicating the prescriptive package to be compared for compliance		
SB-12 Referenced Building Package (input design package): Package:_____ Table:_____		

D. Building Specifications [provide values and ratings of the energy efficiency components proposed, or attach *ENERGY STAR* BOP form

Building Component	**Minimum RSI / R values or Maximum U-Value(1)**		**Building Component**	**Efficiency Ratings**	
Thermal Insulation	Nominal	Effective	**Windows & Doors** Provide U-Value(1) or ER rating		
Ceiling with Attic Space			Windows/Sliding Glass Doors		
Ceiling without Attic Space			Skylights/Glazed Roofs		
Exposed Floor			**Mechanicals**		
Walls Above Grade			Heating Equip.(AFUE)		
Basement Walls			HRV Efficiency (SRE% at 0°C)		
Slab (all >600mm below grade)			DHW Heater (EF)		
Slab (edge only ≤600mm below grade)			DWHR (CSA B55.1 (min. 42% efficiency))		# Showers___
Slab (all ≤600mm below grade, or heated)			Combined Space / Dom. Water Heating		

(1) U value to be provided in either W/(m^2•K) or Btu/(h•ft^2•F) but not both.

E. Performance Design Verification [Subsection 3.1.2. Performance Compliance]

The annual energy consumption using Subsection 3.1.1. SB-12 Reference Building Package is_____GJ (1 GJ =1000MJ)

The annual energy consumption of this house as designed is _____GJ

The software used to simulate the annual energy use of the building is:_____

The building is being designed using an air tightness baseline of:

- ☐ OBC reference ACH, NLA or NLR default values (no depressurization test required)
- ☐ Targeted ACH, NLA or NLR. Depressurization test to meet _____ACH50 or NLR or NLA

- ☐ Reduction of overall thermal performance of the proposed building envelope is not more than 25% of the envelope of the compliance package it is compared against (3.1.2.1.(6)).
- ☐ Standard Operating Conditions Applied (A-3.1.2.1 - 4.6.2)
- ☐ Reduced Operating Conditions for Zero-rated homes Applied (A-3.1.2.1 - 4.6.2.5)

- ☐ On Site Renewable(s): Solar:_____
  Other Types: _____

F. ENERGY STAR or R-2000 Performance Design Verification [Subsection 3.1.3. Other Acceptable Compliance Methods]

- ☐ The NRCan "ENERGY STAR for New Homes Standard Version 12.6 " technical requirements, applied to this building design result in the building performance meeting or exceeding the prescriptive performance requirements of the Supplementary Standard SB12 (A-3.1.3.1).

- ☐ The NRCan,"2012 R-2000 Standard " technical requirements, applied to this building design result in the building performance meeting or exceeding the prescriptive performance requirements of the Supplementary Standard SB12 (A-3.1.3.1).

Performance Energy Modeling Professional

Energy Evaluator/Advisor/Rater/CEM Name and company: Accreditation or Evaluator/Advisor/Rater License #

***ENERGY STAR* or R-2000**

Energy Evaluator/Advisor/Rater/ Name and company: Evaluator/Advisor/Rater License #

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

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

Guide to the Energy Efficiency Design Summary Form for Performance & Other Acceptable Compliance Methods

COMPLETING THE FORM

B. Compliance Options

Indicate the compliance option being used.

- *SB-12 Performance* refers to the method of compliance in Subsection 3.1.2. of SB-12. Using this approach the designer must use recognized energy simulation software (such as HOT2000 V10.51 or newer), and submit documents which show that the annual energy use of the proposed building is equal to or less than a prescriptive (referenced) building package.
- *ENERGY STAR* houses must be designed to *ENERGY STAR* requirements and verified on completion by a licensed energy evaluator and/or service organization. The *ENERGY STAR* BOP form must be submitted with the permit documents.
- *R-2000* houses must be designed to the *R-2000 Standard* and verified on completion by a licensed energy evaluator and/or service organization. The HOT2000 report must be submitted with the permit documents.

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. The total area is the sum of all the structural rough openings. Some exceptions apply. Refer to 3.1.1.1. of SB-12 for further details.
Fuel Source and Heating Equipment Efficiency: The fuel source and efficiency of the proposed heating equipment must be specified in order to determine which *SB-12 Prescriptive* compliance package table applies.
Other Building Conditions: These construction conditions affect *SB-12 Prescriptive* compliance requirements.

D. Building Specifications

Thermal Insulation: Indicate the RSI or R-value being proposed where they apply to the house design. Refer to SB-12 for further details.

E. Performance Design Summary

A summary of the performance design applicable only to the *SB-12 Performance* option.

F. ENERGY STAR or R-2000 Performance Method

Design to ENERGY STAR or R-2000 Standards.

G. 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 air leakage rates in Table 3.1.2.1. are not requirements. The Table is not intended to require or suggest that the building meet those airtightness targets. They are provided only as default or reference values for the purpose of annual energy simulations, should the builder/owner decide to perform such simulations. They are given in three different metrics; ACH, NLA, NLR. Any one of them can be used. They can be used as a default values for both a reference and proposed building or, where an air leakage test is conducted and credit for airtightness is claimed, the airtightness values in Table 3.1.2.1. can be used for the reference building and the actual leakage rates obtained from the air leakage test can be used as inputs for the proposed building.

OBC Reference Default Air Leakage Rates (Table 3.1.2.1.)

Detached dwelling	3.0 ACH50	NLA 2.12 cm^2/m^2	NLR 1.32 $L/s/m^2$
Attached dwelling	3.5 ACH50	NLA 2.27 cm^2/m^2	NLR 1.44 $L/s/m^2$

The building code requires that a blower door test be conducted to verify the air tightness of the house during construction if the *SB-12 Performance* option is used and an air tightness of less than 3.0 ACH @ 50 Pa (or NLA or NLR equivalent) in the case of detached houses, or 3.5 ACH @ 50 Pa (or NLA or NLR equivalent) in the case of attached houses is necessary to meet the required energy efficiency standard.

ENERGY EFFICIENCY LABELING FOR NEW HOUSES

ENERGY STAR and R-2000 may issue labels for new homes constructed under their energy efficiency programs. The building code does not currently regulate or require new home labeling.

RESET

RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

for design and performance of residential ventilation systems to OBC 2012 - 9.32

1. Location
Municipality: _____
Civic Address: _____

2. Builder
Name: _____
Address: _____
City: _____ Postal Code: _____
Ph: _____ Fax: _____

3. Designer
Name: _____
Address: _____
City: _____ Postal Code: _____
Ph: _____ Fax: _____
Designer BCIN: _____ HRAI #: _____
Firm BCIN: _____
E-mail: _____

4. Heating Systems
☐ Forced Air ☐ Non-Forced Air

☐ Gas ☐ Propane ☐ Other
☐ Oil ☐ Electricity

5. House Style
☐ One Dwelling Unit ☐ House with Two Dwelling Units

Ventilation System: ☐ Shared ☐ Dedicated

6. Combustion Appliances
☐ a) Direct Vent ☐ b) Induced Draft
☐ c) Natural Draft ☐ d) Solid Fuel Appliances
☐ e) No Combustion Appliances

7. Type of House
☐ Type 1: a) or b) type appliances only
☐ Type 2: a) or b) type appliances with a d) type appliance
☐ Type 3: any type c) appliance = part 6 design
☐ Type 4: electric space heat (same as Type 1)

8. System Design Option
☐ Exhaust only forced air system (coupled to forced air)
☐ HRV/ERV with extended exhaust or simplified (coupled to forced air)
☐ HRV/ERV full ducting (not coupled to forced air)

9. Total Ventilation Capacity (TVC)

Bsmt & Master Bedroom	____ @ 20 CFM (10 L/s)	____	CFM
Other Bedrooms	____ @ 10 CFM (5 L/s)	____	CFM
Bathrooms & Kitchen	____ @ 10 CFM (5 L/s)	____	CFM
Other Habitable Rooms	____ @ 10 CFM (5 L/s)	____	CFM
Total Ventilation Capacity (TVC)		____	CFM

10. TVC System
☐ HRV/ERV ☐ Central Exhaust ☐ Multiple Fans

11. Principal Ventilation Capacity (PVC)

Master Bedroom	____ @ 30 CFM (15 L/s)	____	CFM
Other Bedrooms	____ @ 15 CFM (7.5 L/s)	____	CFM
Total Principal Ventilation Capacity (PVC)		____	CFM

12. Principal Ventilation Fan
Location: _____
Manufacturer: _____
Model: _____ ☐ HVI Rated
Rated Airflow: Low: ____ CFM High: ____ CFM
Sones: ____ E.S.P: ____ " w.c.

____ % Sensible Efficiency @ 0 C° ____ CFM
____ % Sensible Efficiency @ -25 C° ____ CFM
(If HRV/ERV was used, the system must also comply with SB-12)

13. Supplemental Exhaust Fan Capacity (SEF)

Required Total Ventilation Capacity	____	CFM
Rated Principal Ventilation Capacity	____	CFM
Required Supplemental Ventilation Capacity	____	CFM

14. Additional Equipment
Location: _____ Sones: _____
Manufacturer: _____ ☐ HVI Rated
Model: _____ ☐ TVC
Rated Airflow: ____ CFM ESP: ____ " w.c.

Location: _____ Sones: _____
Manufacturer: _____ ☐ HVI Rated
Model: _____ ☐ TVC
Rated Airflow: ____ CFM ESP: ____ " w.c.

Location: _____ Sones: _____
Manufacturer: _____ ☐ HVI Rated
Model: _____ ☐ TVC
Rated Airflow: ____ CFM ESP: ____ " w.c.

Location: _____ Sones: _____
Manufacturer: _____ ☐ HVI Rated
Model: _____ ☐ TVC
Rated Airflow: ____ CFM ESP: ____ " w.c.

15. Designer Consent
I _____ certify this ventilation system is designed to be in accordance with OBC-2012 9.32
Date: _____ Signature: _____

Conversion note: 1 L/s = 2 CFM (For hard conversion, use 1 L/s = 2.118 CFM)

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IMBALANCE @ CEC (Critical Exhaust Condition) for systems with spillage susceptible combustion appliances

W-3C line #

1. FLOOR AREA

Total Floor Area _____ ft^2 — 301

(total heated floor area including basement; count crawl space at 1/2 actual area)

2. ASSUMED AIR CHANGES PER HOUR AT 50 PASCALS

Tight R-2000 0.5 ACH | Typical R-2000 1.0 ACH | Prairies/North (new) 1.0 ACH
Atlantic (new) 1.5 ACH | Other provinces (new) 1.4 ACH | Older homes 2.5 ACH
or actual test _____

House ACH50 _____ — 302

3. COMBUSTION APPLIANCE DEPRESSURIZATION LIMIT

OTHER LIMIT =	flow factor
-5 to -10pa	0.022
-10 to -20pa	0.036
-20 to -30pa	0.059
-30 to -40pa	0.080
-40 to -50pa	0.101
-50 and over	0.143

If spillage susceptible = -5pa, flow factor = 0.022

if "other" appliance, limit = manufacturer's rating = _____ pa

for flow factor use chart at left

Depressurization Limit @ CEC _____ Pa — 320

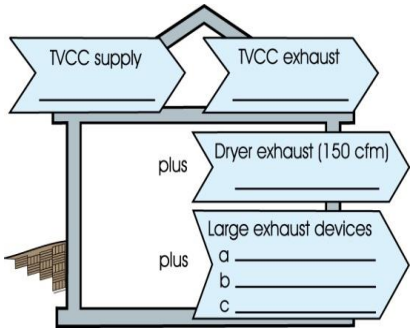
Flow Factor _____ — 321

4. ALLOWABLE NET EXHAUST

Floor Area (301) _____ ft^2 **x** ACH50 (302) _____ **x** Flow Factor(321) _____ =

Allowable Net Exhaust @ CEC _____ **cfm** — 322

5. ACTUAL NET EXHAUST



(List devices over 150 CFM)

TVCC Exhaust _____ cfm — 323

- minus

TVCC Supply _____ cfm — 324

+ plus

Dryer Exhaust (default 150) _____ cfm — 325

+ plus Large Exhaust Device **over 150 cfm** (a) _____ cfm — 325a

+ plus Large Exhaust Device **over 150 cfm** (b) _____ cfm — 325b

+ plus Large Exhaust Device **over 150 cfm** (c) _____ cfm — 325c

= equals

Actual Net Exhaust @ CEC _____ **cfm** — 326

6. REQUIRED MAKE-UP AIR FLOW

Note:
If **Actual** Net Exhaust is **less** than **Allowable** Net Exhaust **no action** is required.

Actual Net Exhaust @ CEC (line 326) _____ cfm

- minus

Allowable Net Exhaust @ CEC (line 322) _____ cfm

= equals

Required Make-Up Airflow @ CEC _____ **cfm** — 327

@ Depressurization Limit (line 320) _____ **Pa**

7. DESCRIPTION OF MAKE-UP AIR SYSTEM

8. ON-SITE DEPRESSURIZATION TEST

☐ **Required** ☐ **Not Required** — 328

Prepared By:	HRAI #:	Location:
Signature:	Date:	Official Use:

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