Township of Howick

Application for a Permit to Construct or Demolish

This form is authorized under subsection 8(1.1) of the *Building Code Act, 1992**must include stamped truss drawings prior to being accepted*

For use by Principal Authority Permit number (if different): Application number: Roll number: Date received: **Township of Howick** Application submitted to: (Name of municipality, upper-tier municipality, board of health or conservation authority) A. Project information Unit number Lot/con. Building number, street name Municipality Postal code Plan number/other description Project value est. \$ Area of work (m²) B. Purpose of application New construction Addition to an Alteration/repair Demolition Conditional Permit existing building 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. Postal code E-mail Municipality Province Telephone number Fax Cell number) D. Owner (if different from applicant) Last name Corporation or partnership First name Street address Unit number Lot/con. Municipality Postal code Province E-mail »Cell number *Telephone number _{*}Fax

| E. Builder (optional) | | | | | | | |
|--|--|-----------------------------|--------------------------|----------------|------------|--|--|
| Last name | First name | Corporation or partnersh | nip (if an | oplicable) | | | |
| | | | | | | | |
| Street address | | | Unit n | umber | Lot/con. | | |
| | | | | | | | |
| Municipality | Postal code | Province | E-mai | l | | | |
| | | | | | | | |
| Telephone number | Fax | | Cell n | umber | | | |
| () | () | | (|) | | | |
| F. Tarion Warranty Corporation (Ontario | New Home Warranty | Program) | | | | | |
| * i. Is proposed construction for a new home Plan Act? If no, go to section G. | e as defined in the Ontario | New Home Warranties | | 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 revi | ews and takes responsibi | lity for design activities. | | | | | |
| ii) Attach Schedule 2 where application is to cons | • | | | | | | |
| JH. Completeness and compliance with a | • | an a sewage system. | | | | | |
| * - | | | | | _ | | |
| i) This application meets all the requirements of clauses 1.3.1.3 (5) (a) to (d) of Division C of the Yes No | | | | | | | |
| | 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). | | • | <u> </u> | | | | |
| Payment has been made of all fees that are required, under the applicable by-law, resolution or Yes | | | | | | | |
| regulation made under clause 7(1)(c) of the Baapplication is made. | regulation made under clause 7(1)(c) of the <i>Building Code Act, 1992</i> , to be paid when the | | | | | | |
| ii) This application is accompanied by the plans a | and enacifications prescrib | annlicable by-la | 2\// | Yes | No | | |
| resolution or regulation made under clause 7(| | | , avv, | 165 | INO | | |
| iii) This application is accompanied by the information | ation and documents pres | cribed by the applicable b | | Yes | No | | |
| law, resolution or regulation made under claus | | | | | | | |
| the chief building official to determine whether contravene any applicable law. | tne proposed building, co | nstruction or demolition w | /III | | | | |
| iv) The proposed building, construction or demolit | ion will not contravene an | y applicable law. | | Yes | No | | |
| I. Declaration of applicant | | | | | | | |
| * | | | | | | | |
| | | | | | | | |
| 1 | | | | decla | are that: | | |
| (print name) | | | | | aro triati | | |
| | | | | | | | |
| The information contained in this application | | attached plans and speci | fication | s, and other a | ittached | | |
| documentation is true to the best of my l 2. If the owner is a corporation or partnersh | | hind the corporation or as | artnorch | nin | | | |
| The owner is a corporation or partners: * | iip, i nave the authority to | bind the corporation of pa | ai ii i C ISI | ıιρ. | | | |
| | | | | | - | | |
| Date | Signature of a | pplicant | | | | | |

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 | on | | | |
| 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 in Division C] | dividual iden | tified in Section B. [Buildi | ng Code Table 3. | 5.2.1. of | | |
| House Small Buildings Large Buildings Complex Buildings | Building Detection | - House g Services on, Lighting and Power otection | Building Struc Plumbing – H Plumbing – A On-site Sewa | ouse Il Buildings | | |
| Description of designer's work * | | | | | | |
| D. Declaration of Designer | | | | | | |
| *I | | dec | clare that (choose or | e as appropriate): | | |
| (print name I review and take responsibility C, of the Building Code. I am q Individual BCIN: Firm BCIN: I review and take responsibility | for the design wualified, and the | e firm is registered, in the appro | opriate classes/categ | ories. | | |
| 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 Basis for exemption from r I certify that: 1. The information contained in this so 2. I have submitted this application with the submitted this application with the submitted the s | egistration and c | qualification: the best of my knowledge. | | de. | | |
| 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.

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: | Mod | del/Certification Number | | | | |
|---|-----------------------------------|---|-------------------|------------------|--|--|
| | | | | | | |
| A. Project Information | | | | | | |
| Building number, street name | | | Unit number | Lot/Con | | |
| Municipality Postal code | | Reg. Plan number / othe r description | | | | |
| B. Compliance Option [indicate the b | ouilding code compliance option b | eing employed in this ho | use design] | | | |
| ☐ SB-12 Performance* [SB-12 - 3.1.2.] | * Attach energy perform | ance results using | an approved softv | vare (see guide) | | |
| ☐ <i>ENERGY STAR</i> ®* [SB-12 - 3.1.3.] | * Attach Builder Option | Package [BOP] forr | n | | | |
| ☐ <i>R-2000</i> ® *[SB-12 - 3.1.3.] | * Attach R-2000 HOT20 | 2000 Report | | | | |
| C. Project Building Design Cond | ditions | | | | | |
| | eating Equipment Efficiency | Space Heating Fu | el Source | | | |
| , , , | ≥ 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 Ch | naracteristics | | | |
| Area of walls =m² orft² Area of W, S & G =ft² | W, S & G % = | □ Slab-on-ground□ Air Conditioning□ Air Source Heat | | ent | | |
| 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 ra | ating |
| Ceiling with Attic Space | | | Windows/Sliding Glass Doors | |
| Ceiling without Attic Space | | | Skylights/GlazedRoofs | |
| Exposed Floor | | | Mechanicals | |
| Walls Above Grade | | | Heating Equip.(AFUE) | |
| BasementWalls | | | 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) (1) U value to be provided in either W/(m² K) (all the control of the | or Btu//b-ft ² F) b | ut not both | Combined Space / Dom. Water Heating | |

| E. Performance Design Verification [Subsection 3.1.2. Performance Compliance] | | | | | | | |
|--|----------------------------------|---|--|--|--|--|--|
| The annual energy consumption using Subsection 3.1.1. SE | 3-12 Reference Building F | Package isGJ (1 GJ =1000MJ) | | | | | |
| The annual energy consumption of this house as designed i | sGJ | | | | | | |
| The software used to simulate the annual energy use of the | building is: | | | | | | |
| The building is being designed using an air tightness baseli | ne of: | | | | | | |
| ☐ OBC reference ACH, NLA or NLR default values (no | depressurization test re | quired) | | | | | |
| ☐ Targeted ACH, NLA or NLR. Depressurization test to | meetAC | CH50 or NLR or NLA | | | | | |
| ☐ Reduction of overall thermal performance of the pro- envelope of the compliance package it is compared | | e is not more than 25% of the | | | | | |
| ☐ 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 | 5.2.5) | | | | | |
| ☐ On Site Renewable(s): Solar: | | | | | | | |
| Other Types: | | | | | | | |
| F. ENERGY STAR or R-2000 Performance Design The NRCan "ENERGY STAR for New Homes Standard design result in the building performance meeting or estimated Supplementary Standard SB12 (A-3.1.3.1). | rd Version 12.6" technic | al requirements, applied to this building | | | | | |
| ☐ The NRCan, "2012 R-2000 Standard" technical require performance meeting or exceeding the prescriptive per (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) provided in the control of the co | viding information herein to sul | estantiate that design meets the building codel | | | | | |
| Qualified Designer: Declaration of designer to have reviewed and take | | | | | | | |
| Name | BCIN | Signature | | | | | |
| | | | | | | | |

Form authorized by OHBA, OBOA, LMCBO. Revised December 1, 2016

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.

- <u>SB-12 Performance</u> 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.
- <u>ENERGY STAR</u> houses must be designed to <u>ENERGY STAR</u> requirements and verified on completion by a licensed energy evaluator and/or service organization. The <u>ENERGY STAR</u> 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 <u>SB-12 Prescriptive</u> compliance package table applies. Other Building Conditions: These construction conditions affect <u>SB-12 Prescriptive</u> compliance requirements.

D. Building Specifications

Thermal Insulation: Indicate the RSI or R-value being proposed where they apply to the house design. 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 <u>SB-12 Performance</u> 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.

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: | Application No: Model/Certification Number | | | | | | |
| | | | | | | | |
| A. Ducinet Information | | | | | | | |
| A. Project Information | | | | | | T | 1 |
| Building number, street name | | | | | | Unit number | Lot/Con |
| Municipality | | Postal o | code | Reg. Pl | an number / othe r descript | ion | |
| Togar annument, one recompany | | | | | | | |
| B. Prescriptive Compliance [indicate the building code compliance package being employed in this house design] | | | | | | | |
| SB-12 Prescriptive (input | t design pa | ackage): P | ackage: | | Table | e: | |
| C. Project Design Con | ditions | | | | | | |
| Climatic Zone (SB-1): | | | uipment Effic | ciency | Space Heating F | uel Source | |
| ☐ Zone 1 (< 5000 degree days) | | □ ≥ 92% AF | | | | □ Propane | □ Solid Fuel |
| □ Zone 2 (≥ 5000 degree days) | | □ ≥ 84% < 9 | | | | □ Electric | □ Earth Energy |
| Ratio of Windows, Skylights | & Glass (\ | W, S & G) to | Wall Area | | Other Building C | | 1055 |
| Area of walls m ² or | 4 2 | | | | • | n □ ICF Above G □ Walkout Bas | |
| Area of walls =m ² or | | W, S & G | 6 % = | | ☐ Siab-on-ground | | ement |
| | ļ | Itiliaaiaala | | /aa ⊡Nla | ☐ Air Sourced He | , | |
| Area of W, S & G =m ² or_ | ft² | Jtilize window | averaging: □Y | es ⊔no | | d Heat Pump (GS | SHP) |
| D. Building Specificati | | ide values and | d ratings of the e | energy effic | | | , |
| Energy Efficiency Substit | | | | <u> </u> | | | |
| <u> </u> | | \\ | | | | | |
| ☐ ICF (3.1.1.2.(5) & (6) / 3.1.1. | | | | 0 4 4 0 /= | 7) / 2 4 4 2 (7)) | | |
| ☐ Combined space heating and | a domestic | c water neat | ing systems (| 3.1.1.2.(1 | 7) / 3.1.1.3.(7)) | | |
| □ Airtightness substitution(s) | | | | | | | |
| Airtightness test required | □ Table 3.1 | 1.1.4.B Red | quired: | | Permitte | ed Substitution: | |
| (Refer to Design Guide Attached) | □ Table 3.1 | 1.1.4.C Red | quired: | | Permitte | ed Substitution: | |
| | | | quired: | | | ed Substitution: | |
| Building Component | t I | | SI / R values | | Building Comp | | Efficiency Ratings |
| | | | m U-Value ⁽¹⁾ | | | | |
| Thermal Insulation | | Nominal | Effective | | ws & Doors Provi | | ating |
| Ceiling with Attic Space | | | | | ws/Sliding Glass D | Doors | |
| Ceiling without Attic Space | | | | Skyligh | nts/GlazedRoofs | | |
| Exposed Floor | | | | Mecha | nicals | | |
| Walls Above Grade | | | | Heating | g Equip.(AFUE) | | |
| BasementWalls | | | | HRV E | fficiency (SRE% at | 0°C) | |
| Slab (all >600mm below grade) | | DHW Heater (EF) | | | | | |
| Slab (edge only ≤600mm below gr | rade) | | | DWHR (CSA B55.1 (min. 42% efficiency)) #Showers | | | # Showers |
| Slab (all ≤600mm below grade, or | heated) | | | Combin | ned Heating Syster | n | • |
| (1) U value to be provided in either W/(m² K) or Btu/(h•ft² F) but not both. | | | | | | | |
| E. Designer(s) [name(s) & BCIN(s), if applicable, of person(s) providing information herein to substantiate that design meets the building code] | | | | | | | |
| Qualified Designer Declaration | | | | | | | |
| Name BCIN Signature | | | | | | | |
| | | | | | | - | |
| Ī | | | | 1 | | | |

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.

• <u>SB-12 Prescriptive</u> requires that the building conforms to a package of thermal insulation, window and mechanical system efficiency requirements set out in Subsection 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 <u>SB-12 Prescriptive</u> 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)

| Decilation Temps | Airtightness Targets | | | | | | | |
|-------------------|----------------------|---|--|-------------------------|----------------------------|--|--|--|
| Building Type | 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 <u>SB-12 Prescriptive</u> 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.

Township of Howick

