

# GREEN BUILDING ENTRY FORM

## Judging Criteria – Point Allocation

- |  |                 |                 |
|--|-----------------|-----------------|
| 1. Design:   | up to 30 points |                 |
| 2. Energy Efficiency:                              | up to 35 points |                 |
| 3. Occupant Health and Comfort/Indoor Air Quality: | up to 6 points  |                 |
| 4. Water Use Efficiency and Management:            | up to 7 points  |                 |
| 5. Materials Use:                                  | up to 6 points  | + 1 bonus point |
| 6. Other Efficiency Measures/Innovations:          | up to 7 points  |                 |
| 7. Waste Reduction and Management:                 | up to 4 points  |                 |
| 8. Builder Practices/Education & Awareness:        | up to 5 points  |                 |

## Project Description

- a. Project name and location:

Square footage (above ground): \_\_\_\_\_

Square footage (below ground): \_\_\_\_\_

Number of bedrooms: \_\_\_\_\_

Number of bathrooms: \_\_\_\_\_

- b. Is the home enrolled in a recognized green or energy efficient building labelling program or certification – i.e. ENERGY STAR for New Homes, R-2000, CHBA NZ Home Labelling program, PHIUS+, Passive House, GreenHouse, LEED, EnerGuide, etc.: Yes  No

If yes, please specify:

Which program? \_\_\_\_\_

Which version? \_\_\_\_\_

Label number? \_\_\_\_\_

Date achieved? \_\_\_\_\_

(Proof of the home's energy rating program must be included with the entry.)

## **Judging Criteria – Design (30%)**

Judges will use the following criteria when awarding points for the “design” portion of the green award categories.

Esthetics/Appeal	20%
Functionality	20%
Innovation/Unique Design	20%
Cohesiveness	20%
Creative Use of Space	20%

## **Judging Criteria – Green (70%)**

Using **point form**, please explain how the entry meets the criteria set out below. **Indicate specifically what makes your project “green” and sets it apart from other homes that are simply built to code.**

**2. Energy Efficiency - MAX 35 points**

Describe, in point form, all innovative or special green approaches, systems, features, or products used in the building envelope and/or systems to contribute to the overall energy efficiency of the home.

% lower than OBC reference house: \_\_\_\_\_

**Scoring:**

1 - 25	10 points
26 - 50	15 points
51 - 75	20 points
76 - 99	25 points
100	30 points

Blower Door Test Results (ACH): \_\_\_\_\_

**Scoring:**

3.0-1.51	1 point
1.5-0.61	3 points
0.6 or less	5 points

**3. Occupant Health and Comfort/Indoor Air Quality - MAX 6 points**

Measures to optimize the quality of the indoor air for the benefit, health, and comfort of the people living in the home.

a. Material Selection (Low-Emission Products and Materials)

- Flooring (0.5 point), specify: \_\_\_\_\_
- Paint (0.5 point), specify: \_\_\_\_\_
- Adhesives (0.5 point), specify: \_\_\_\_\_
- Cabinets (0.5 point), specify: \_\_\_\_\_

b. Ventilation

- ERV (1 point)
- Fully ducted (1 point)

c. Air Filtration

- MERV 13 or better **OR** HEPA (1 point)
- UV Filter (1 point)

**4. Water Use Efficiency and Management - MAX 7 points**

Green approaches, systems, features, or products used which contribute to conservation and efficient use of water. Check the categories that apply to your entry and provide additional information where appropriate. Points will only be awarded to those measures listed below that are above OBC: low-flow kitchen faucets (OBC - 8.35 LPM), ultralow-flow toilets (OBC - 4.8 litres per flush), dual flush toilet (OBC - 4.1LPF & 6.0 LPF), low-flow showerheads (lower than OBC - 7.6 LPM)

- Ultra Low-flush toilets or dual flush toilets (1 point), please specify litre measurement: \_\_\_\_\_
- Low-flow showerheads (1 point), please specify litres per minute: \_\_\_\_\_
- Low-flow faucets (1 point), please specify litres per minute: \_\_\_\_\_

Grey water recycling (1 points):

Rainwater collection / reuse (1 point):

Landscaping and irrigation (1 point):

Permeable pavers and surfaces (1 point):

**5. Materials Use - MAX 6 points**

Specify any environmentally preferable products and materials used in the construction of the home. This includes any locally manufactured (extracted, harvested, and produced within 800 km of the job site), recycled, reused, or reclaimed materials, or products with green certifications or recognized green labels. You may also describe any measures taken to reduce the amount of materials and resources used in the construction of the home. (point form - max 200 words)

**BONUS POINT:** Embodied carbon calculation

**6. Other Energy Efficiency Measures/Innovations - MAX 7 points**

Describe any additional innovations which have been utilized to save energy and resources, and encourage a greener way of living for the occupants of the home.

Electric Car Charger Installed (1 point):

Proximity to public transit/amenities (walk score) (1 point):

Roof (green) (1 point):

Home automation (1 point):

Solar-ready pipe (1 point):

Solar panels (2 points):

**7. Waste Reduction and Management - MAX 4 points**

Describe any measures used to reduce the amount of waste generated during the construction of the home OR to divert the job site waste from landfills and incinerators.

Waste management planning (1 point):

Reduction (1 point):

Reuse (1 point):

Recycling (1 point):

**8. Builder Practices - MAX 5 points**

This addresses the builder's ongoing commitment to green building and the company's positioning in the marketplace as a green builder. Describe your company's practices and involvement in building green homes: (point form - max 200 words)