



# RDN Sustainable Development Checklist

## New Construction and Renovation of Residential Development

File Number: \_\_\_\_\_

Effective Dec 16<sup>th</sup>, 2018

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Subject Property Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Total Area of Living Space (ft<sup>2</sup>) \_\_\_\_\_ Total Number of Bedrooms \_\_\_\_\_

(Check **Home Size Table** on Page 4 to see the home size number that applies to your project.)

EnerGuide Rating \_\_\_\_\_

Is the first page of the energy assessment report attached? Yes  No

Are bonus points from the Sustainable Development Checklist pursued? Yes  No

(Check **Incentive Table** on page 4 to see if you need bonus points to qualify for the Checklist Incentive.)

If so, are the completed Sustainable Development Checklist and supporting documents attached? Yes  No  Not applicable

**EXPIRY DATE: Six months after occupancy or final date on file.**

Incentives are limited and will be provided on a first come first served basis until rebate funds run out. If you have any questions about the program, call 250-390-6510 or email [sustainability@rdn.bc.ca](mailto:sustainability@rdn.bc.ca).

**BONUS POINTS (optional): Complete either Option A or Option B below to pursue bonus points.**

**Option A: Shortcut**

<b>Point</b>	Has the project achieved one of the following standards?		
<b>10</b>	LEED* or Built Green Platinum, or ENERGY STAR®	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>7</b>	LEED or Built Green Gold	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>5</b>	LEED or Built Green Silver	Yes <input type="checkbox"/>	No <input type="checkbox"/>

\*Leadership in Energy and Environmental Design

**Option B: Step-by-step**

<b>Point</b>	<b>Category</b>		
<b>1</b>	<b>Location</b>		
	Is the project located on lands within the Growth Containment Boundary?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b>		
	Does the project involve the reuse of an existing building?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b>		
	Is the project located within 3 kilometres (10-minute bike ride) of 5 of the listed destinations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<input type="checkbox"/> Community/social centre <input type="checkbox"/> Recreational facility <input type="checkbox"/> School <input type="checkbox"/> Transit stop <input type="checkbox"/> Health care <input type="checkbox"/> Coffee shop <input type="checkbox"/> Financial institution <input type="checkbox"/> Shop/market <input type="checkbox"/> Restaurant <input type="checkbox"/> Childcare facility <input type="checkbox"/> Park		
	<b>OR</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Is the project located within 400 metres of a transit stop?		
<b>3</b>	<b>Renewable Energy Systems</b>		
	Are any of the following systems installed as part of the project by a qualified technician? *	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Solar hot water	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Photovoltaic	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Geoexchange		
<b>2</b>	<b>Rainwater Management</b>		
	Is rainwater harvested in a cistern with a minimum capacity of 4,546 liters (1,000 gallons) for toilet flushing, irrigation or other uses?*	Yes <input type="checkbox"/>	No <input type="checkbox"/>

<b>1</b>	<b>Site</b> Are all existing mature trees (the trunk diameter is greater than 20 cm, measured 1.5 m above the ground) on site either retained or replaced with new trees?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b> Is a rain garden incorporated to encourage natural infiltration of rainwater?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b> When clearing land, is downed wood or debris left in buffer areas or grinded rather than being burned as ‘waste’?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b> Is less than 20% of the property covered in impervious surface such as roofs and pavements (including building footprint, driveway, patio and footpath)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>2</b>	<b>Greywater Reuse</b> Is there any greywater system in place for toilet flushing, irrigation or other non-potable uses?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>2</b>	<b>Building Materials</b> Is site-cut timber used for structural components in this project? *	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<b>OR</b> Are materials with low embodied energy used as structural or envelope components in this project? E.g. clay, straw bale, stone.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>2</b>	<b>Vegetated Roof</b> Does the building include a vegetated roof system on 50% of the roof area (not including roof area of a garage or other accessory buildings)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>1</b>	<b>Electric Vehicle Charging Station</b> Is a Level 2 Electric Vehicle Charging Station installed in this project? *	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>1</b>	<b>Public Education</b> Does this project provide any green building education opportunities?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

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**Total  
Bonus  
Points**

\*Note: Additional incentives may be available for these specific items. Please check [www.rdnrebates.ca](http://www.rdnrebates.ca) for eligibility criteria and application details.

## RDN Office Use Only

Look up the **Home Size Table**<sup>1</sup> below and circle the size that applies to this project.

Home Size Table												
Maximum home size (ft2) by number of bedrooms	Home Size	Size 0 or smaller	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6	Size 7	Size 8	Size 9	Size 10
≤1 Bedroom		1050	1090	1135	1180	1225	1275	1325	1375	1430	1485	1545
2 Bedrooms		1600	1665	1730	1795	1865	1940	2015	2095	2180	2265	2350
3 Bedrooms		2200	2285	2375	2470	2565	2670	2770	2880	2995	3110	3235
4 Bedrooms		3000	3120	3240	3370	3500	3640	3780	3930	4080	4245	4410
5 Bedrooms		3300	3430	3565	3705	3850	4000	4160	4320	4490	4670	4850

The **Incentive Tables** below show the thresholds needed to qualify for different levels of incentive.

Incentive Table using 1-100 EnerGuide rating												
Incentive	Size 0 or smaller	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6	Size 7	Size 8	Size 9	Size 10	
Level 3 \$1,000	85	86	87	88	89	90	91	92	93	94	95	
Level 2 \$750	82	83	84	85	86	87	88	89	90	91	92	
Level 1 \$500	77	78	79	80	81	82	83	84	85	86	87	

  

Incentive Table using Gigajoules per Year EnerGuide rating												
Incentive	Size 0 or smaller	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6	Size 7	Size 8	Size 9	Size 10	
	Incentive threshold	Minimum number of GJ/year decrease compared to the same incentive threshold for Size 0										
Level 3 \$1,000	15% lower than reference rating	5	10	15	20	25	30	35	40	45	50	
Level 2 \$750	10% lower than reference rating	5	10	15	20	25	30	35	40	45	50	
Level 1 \$500	typical new house reference rating in GJ/year	5	10	15	20	25	30	35	40	45	50	

<sup>1</sup> Adapted from the Home Size Adjustment Table developed by Canada Green Building Council LEED for Homes program.

Is the application form completed? Yes  No

Are supporting documents submitted? Yes  No

The Home Size and EnerGuide Rating qualify the applicant for Incentive Level \_\_\_\_\_ : \$ \_\_\_\_\_

Bonus Points \_\_\_\_\_ ( 5 bonus points needed to achieve Level 2 from Level 1, 3 bonus points needed to achieve Level 3 from Level 2)

**The applicant is eligible for Incentive Level \_\_\_\_\_ : \$ \_\_\_\_\_**

Reviewed and approved by \_\_\_\_\_ Date \_\_\_\_\_