

Sustainability Practices

**Form 2B
Evergreen Checklist - Urban Project (NC)**

Please enter Sponsor Name and Project Name on Form 1A

**URBAN PROJECT
New Construction**

Design Element: Integrative Design

#	Criteria	Requirement Type/Optional Points	Points
1.1	Green Development Plan	Mandatory	X
1.2	Universal Design	Optional	3
Section 1 SUBTOTAL			3

Location & Neighborhood Fabric

#	Criteria	Requirement Type/Optional Points	Points
2.1	Sensitive Site Protection	Mandatory	X
2.2	Connections to Existing Development & Infrastructure	Mandatory	X
2.3	Compact Development	Mandatory	X
2.4	Maximizing Density	Optional	0
2.5	Access to Services & Public Transportation	Mandatory <i>and optional 5</i>	5
2.6	Preservation of & Access to Open Space	Optional	2
2.7a	Walkable Neighborhoods- Sidewalks & Pathways	Mandatory	X
2.7b	Walkable Neighborhoods- Sidewalks & Pathways	Optional - <i>Tribal projects only</i>	0
2.8	Smart Site Location: Passive Design	Optional	0
2.9	Brownfield or Adaptive Reuse Site	Optional	0
2.10	Access to Fresh, Local Foods	Optional	3
Section 2 SUBTOTAL			10

Site Improvements

#	Criteria	Requirement Type/Optional Points	Points
3.1	Environmental Remediation	Mandatory	X
3.2	Erosion & Sedimentation Control	Mandatory	X
3.3a	Landscaping	Mandatory if providing Landscaping	X
3.3b	Landscaping	Optional	5
3.3c	Landscaping-Significant Trees	Optional	0
3.4	Efficient Irrigation	Mandatory if irrigation is utilized	X
3.5	Surface Water Management	Optional	0
3.6	Storm Drain Labels	Mandatory	X
Section 3 SUBTOTAL			5

Water Conservation

#	Criteria	Requirement Type/Optional Points	Points
4.1	Water-Conserving Fixtures	Mandatory	X
4.2	Advanced Water-Conserving Fixtures	Optional	5
4.3	Water Reuse	Optional	0
Section 4 SUBTOTAL			5

Energy Efficiency

#	Criteria	Requirement Type/Optional Points	Points
5.1a	Building Performance Standard - New Construction	Mandatory	X
5.2a	Additional Reduction in Energy Use - New Construction (PLEASE SEE NOTE)	Optional	5
5.3	Sizing of Heating & Cooling Equipment	Mandatory	X
5.4	EnergyStar Appliances	Mandatory if providing appliances	X
5.5	Central Laundry	Optional	3
5.6	Efficient Lighting	Mandatory	X
5.7a	Electricity Meter	Mandatory	X
5.8a	Renewable Energy	Optional	0
5.8b	Photovoltaic/Solar Hot Water Ready	Optional	0
5.8c	Solar Water Heating	Optional	0
5.9	Domestic Water Heating	Mandatory	X
5.10	Domestic Water Heating	Optional	0
Section 5 SUBTOTAL			8

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Materials Beneficial to the Environment

#	Criteria	Requirement Type/Optional Points	Points
6.1	Low/No VOC Paints & Primers	Mandatory	X
6.2	Low/No VOC Adhesives & Sealants	Mandatory	X
6.3	Construction Waste Management	Optional	5
6.4	Environmentally Preferable Materials	Optional	5
6.5	Water-Permeable Walkways	Optional	0
6.6	Water-Permeable Parking Areas	Optional	0
6.7a	Reduced Heat-Island Effect: Roofing	Optional	5
6.7b	Reduced Heat-Island Effect: Paving	Optional	5
6.8	Socially Sustainable Products	Optional	0
Section 6 SUBTOTAL			20

Healthy Living Environment

#	Criteria	Requirement Type/Optional Points	Points
7.1	Composite Wood Products that Contain No Added Urea Formaldehyde	Mandatory	X
7.2a	Healthy Flooring Materials	Mandatory if providing floor coverings	X
7.2b	Healthy Flooring Materials	Optional	4
7.3a	Exhaust Fans-Bathroom	Mandatory	X
7.4a	Exhaust Fans-Kitchen	Mandatory	X
7.5	Ventilation	Mandatory	X
7.6	Clothes Dryer Exhaust	Mandatory	X
7.7	Combustion Equipment	Mandatory	X
7.8	Cold Water & Hot Water Pipe Insulation	Mandatory	X
7.9a	Mold Prevention: Water Heaters, Condensing Boilers, Furnaces & Air Conditioning	Mandatory	X
7.9b	Mold Prevention: Surfaces	Mandatory	X
7.9c	Mold Prevention: Tub & Shower Enclosures	Mandatory	X
7.10	Vapor Barrier Strategies	Mandatory	X
7.11	Radon Mitigation	Mandatory	X
7.12	Water Drainage	Mandatory	X
7.13	Enhanced Building Envelope Design	Optional	2
7.14	Garage Isolation	Mandatory	X
7.15	Integrated Pest Management	Mandatory	X
7.16	Lead-Safe Work Practices	Mandatory	X
7.17	Smoke-Free Bulding	Optional	7
Section 7 SUBTOTAL			13

Operations & Maintenance

#	Criteria	Requirement Type/Optional Points	Points
8.1	Building Maintenance Manual	Mandatory	X
8.2	Resident Manual	Mandatory	X
8.3	Resident & Property Manager Orientation	Mandatory	X
8.4	Project Data Collection	Optional	0
8.5	Educational Signage	Optional	0
Section 8 SUBTOTAL			0

Thresholds

In order to ensure that your project will pass the threshold for the Evergreen Sustainable Development Standard, we advise building in a "cushion" of 5-10 points above what is required.

New Construction projects must achieve 50 points
Rehab - Moderate and **Rehab - Substantial** projects must achieve 40 points

Section 1	3
Section 2	10
Section 3	5
Section 4	5
Section 5	8
Section 6	20
Section 7	13
Section 8	0
Overall Checklist Total	64



LEED 2009 for Core and Shell Development

Project Checklist

Project Name

Date

22 4 2 Sustainable Sites Possible Points: 28

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
	1		Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
2			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	2
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
	1		Credit 5.1	Site Development—Protect or Restore Habitat	1
	1		Credit 5.2	Site Development—Maximize Open Space	1
		1	Credit 6.1	Stormwater Design—Quantity Control	1
		1	Credit 6.2	Stormwater Design—Quality Control	1
1			Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
	1		Credit 8	Light Pollution Reduction	1
1			Credit 9	Tenant Design and Construction Guidelines	1

4 4 Water Efficiency Possible Points: 10

Y	?	N			
Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
2			Credit 3	Water Use Reduction	2 to 4

18 9 4 Energy and Atmosphere Possible Points: 37

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
10	5		Credit 1	Optimize Energy Performance	3 to 21
		4	Credit 2	On-Site Renewable Energy	4
2			Credit 3	Enhanced Commissioning	2
	2		Credit 4	Enhanced Refrigerant Management	2
3			Credit 5.1	Measurement and Verification—Base Building	3
3			Credit 5.2	Measurement and Verification—Tenant Submetering	3
	2		Credit 6	Green Power	2

6 1 2 Materials and Resources Possible Points: 13

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		1	Credit 1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 5
2			Credit 2	Construction Waste Management	1 to 2
		1	Credit 3	Materials Reuse	1
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
	1		Credit 6	Certified Wood	1

9 3 Indoor Environmental Quality Possible Points: 12

Y	?	N			
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
1			Credit 2	Increased Ventilation	1
1			Credit 3	Construction IAQ Management Plan—During Construction	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
1			Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
		1	Credit 5	Indoor Chemical and Pollutant Source Control	1
		1	Credit 6	Controllability of Systems—Thermal Comfort	1
		1	Credit 7	Thermal Comfort—Design	1
1			Credit 8.1	Daylight and Views—Daylight	1
1			Credit 8.2	Daylight and Views—Views	1

6 Innovation and Design Process Possible Points: 6

Y	?	N			
1			Credit 1.1	Innovation in Design: Green Housekeeping	1
1			Credit 1.2	Innovation in Design: Building Exterior and Hardscape Management	1
1			Credit 1.3	Innovation in Design: Integrated Pest Management, Erosion Control	1
1			Credit 1.4	Innovation in Design: Reduced Mercury - EBOM MRC4	1
1			Credit 1.5	Innovation in Design: Recycled or Regional Material Exp Perf	1
1			Credit 2	LEED Accredited Professional	1

2 2 Regional Priority Credits Possible Points: 4

Y	?	N			
		1	Credit 1.1	Regional Priority: EAc1 - 48% savings	1
		1	Credit 1.2	Regional Priority: EAc2	1
1			Credit 1.3	Regional Priority: SSc4.4	1
1			Credit 1.4	Regional Priority: SS4.2	1

67 14 17 Total Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110