

THE GEORGE
WASHINGTON
UNIVERSITY

SCIENCE AND
ENGINEERING
COMPLEX
(SEC)

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Architecture
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Planning
Interior Design

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LEED 2009 for New Construction and Major Renovation

Project Checklist

Science and Engineering Complex, The George Washington University

10/19/2010 - PUD

20 6 0 Sustainable Sites Possible Points: 26

Y	N	?	Prereq	Credit	Description	Points
			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
1			Credit 4.2		Alternative Transportation—Bicycle Storage and Changing Rooms	1
3			Credit 4.3		Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicle	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

8 2 0 Water Efficiency Possible Points: 10

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

14 21 0 Energy and Atmosphere Possible Points: 35

Y	N	?	Prereq	Credit	Description	Points
			Prereq 1		Fundamental Commissioning of Building Energy Systems	
			Prereq 2		Minimum Energy Performance	0
			Prereq 3		Fundamental Refrigerant Management	
5	14		Credit 1		Optimize Energy Performance	1 to 19
	7		Credit 2		On-Site Renewable Energy	1 to 7
2			Credit 3		Enhanced Commissioning	2
2			Credit 4		Enhanced Refrigerant Management	2
3			Credit 5		Measurement and Verification	3
2			Credit 6		Green Power	2

4 10 0 Materials and Resources Possible Points: 14

Y	N	?	Prereq	Credit	Description	Points
			Prereq 1		Storage and Collection of Recyclables	0
	3		Credit 1.1		Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
	1		Credit 1.2		Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2		Construction Waste Management	1 to 2
	2		Credit 3		Materials Reuse	1 to 2

Materials and Resources, Continued

Y	N	?	Credit	Description	Points
1	1		Credit 4	Recycled Content	1 to 2
1	1		Credit 5	Regional Materials	1 to 2
	1		Credit 6	Rapidly Renewable Materials	1
	1		Credit 7	Certified Wood	1

8 7 0 Indoor Environmental Quality Possible Points: 15

Y	N	?	Prereq	Credit	Description	Points
			Prereq 1		Minimum Indoor Air Quality Performance	0
			Prereq 2		Environmental Tobacco Smoke (ETS) Control	0
1			Credit 1		Outdoor Air Delivery Monitoring	1
	1		Credit 2		Increased Ventilation	1
1			Credit 3.1		Construction IAQ Management Plan—During Construction	1
	1		Credit 3.2		Construction IAQ Management Plan—Before Occupancy	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 6.1		Controllability of Systems—Lighting	1
	1		Credit 6.2		Controllability of Systems—Thermal Comfort	1
1			Credit 7.1		Thermal Comfort—Design	1
	1		Credit 7.2		Thermal Comfort—Verification	1
	1		Credit 8.1		Daylight and Views—Daylight	1
	1		Credit 8.2		Daylight and Views—Views	1

3 3 0 Innovation and Design Process Possible Points: 6

Y	N	?	Credit	Description	Points
1			Credit 1.1	Innovation in Design: Exemplary Performance SSc2 - Double Density	1
1			Credit 1.2	Innovation in Design: Exemplary Performance SSc7.1 - 100% parking	1
	1		Credit 1.3	Innovation in Design: Exemplary Performance SSc4.1 or EAc6	1
	1		Credit 1.4	Innovation in Design: Education / Materials Reduction	1
	1		Credit 1.5	Innovation in Design: Green Cleaning	1
1			Credit 2	LEED Accredited Professional	1

1 3 0 Regional Priority Credits Possible Points: 4

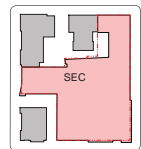
Y	N	?	Credit	Description	Points
	1		Credit 1.1	Regional Priority: SSc6.1	1
	1		Credit 1.2	Regional Priority: EAc1 (40%), EAc2 (1%)	1
1			Credit 1.3	Regional Priority: WEC2	1
	1		Credit 1.4	Regional Priority: SSc5.1, MRc1.1	1

58 52 0 Total Possible Points: 110

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

NOTE: The 2007 Foggy Bottom Campus Plan commits GW to achieving the equivalency of 16 points, using USGBC's LEED V2.2 Scorecard as an evaluator of the sustainable quotient of a project. This scorecard reflects GW's anticipated goal of submitting this project to GBCI under LEED-NC 2009 (V3.0) with a target of Silver level certification.

KEY PLAN: N



DATE:
NOVEMBER 15, 2010

SECOND-STAGE
PUD APPLICATION

TITLE:

LEED
CHECKLIST

NUMBER:

A-71