



LEED 2009 for New Construction and Major Renovation

Project Checklist

Quantico National Cemetery - Administration Building

6/24/2011

7 17 0 Sustainable Sites Possible Points: 26

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
	1		Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
1			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

2 6 2 Water Efficiency Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
	4		Credit 1	Water Efficient Landscaping	2 to 4
				Reduce by 50%	2
				No Potable Water Use or Irrigation	4
	2		Credit 2	Innovative Wastewater Technologies	2
2		2	Credit 3	Water Use Reduction	2 to 4
				Reduce by 30%	2
				Reduce by 35%	3
				Reduce by 40%	4

22 0 0 Energy and Atmosphere Possible Points: 35

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
6			Credit 1	Optimize Energy Performance	1 to 19
	1			Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
	1			Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
	1			Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
	1			Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
	1			Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
	1			Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
				Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
				Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
				Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
				Improve by 30% for New Buildings or 26% for Existing Building Renovations	10

			Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
			Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
			Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
			Improve by 38% for New Buildings or 34% for Existing Building Renovations	14
			Improve by 40% for New Buildings or 36% for Existing Building Renovations	15
			Improve by 42% for New Buildings or 38% for Existing Building Renovations	16
			Improve by 44% for New Buildings or 40% for Existing Building Renovations	17
			Improve by 46% for New Buildings or 42% for Existing Building Renovations	18
			Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations	19
7			Credit 2 On-Site Renewable Energy	1 to 7
		1	1% Renewable Energy	1
		1	3% Renewable Energy	2
		1	5% Renewable Energy	3
		1	7% Renewable Energy	4
		1	9% Renewable Energy	5
		1	11% Renewable Energy	6
		1	13% Renewable Energy	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

5	8	1	Materials and Resources	Possible Points: 14
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Y			Prereq 1 Storage and Collection of Recyclables	
	3		Credit 1.1 Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
			Reuse 55%	1
			Reuse 75%	2
			Reuse 95%	3
	1		Credit 1.2 Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
1		1	Credit 2 Construction Waste Management	1 to 2
		1	50% Recycled or Salvaged	1
		1	75% Recycled or Salvaged	2
	2		Credit 3 Materials Reuse	1 to 2
			Reuse 5%	1
			Reuse 10%	2
2			Credit 4 Recycled Content	1 to 2
		1	10% of Content	1
		1	20% of Content	2
2			Credit 5 Regional Materials	1 to 2
		1	10% of Materials	1
		1	20% of Materials	2
	1		Credit 6 Rapidly Renewable Materials	1
	1		Credit 7 Certified Wood	1

13	2	0	Indoor Environmental Quality	Possible Points: 15
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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 3.1 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

1	0	3	Innovation and Design Process	Possible Points: 6
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		1	Credit 1.1 Innovation in Design: Specific Title	1
		1	Credit 1.2 Innovation in Design: Specific Title	1
		1	Credit 1.3 Innovation in Design: Specific Title	1
			Credit 1.4 Innovation in Design: Specific Title	1
			Credit 1.5 Innovation in Design: Specific Title	1
1			Credit 2 LEED Accredited Professional	1

0	0	3	Regional Priority Credits	Possible Points: 4
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		1	Credit 1.1 Regional Priority: Specific Credit	1
		1	Credit 1.2 Regional Priority: Specific Credit	1
		1	Credit 1.3 Regional Priority: Specific Credit	1
			Credit 1.4 Regional Priority: Specific Credit	1

50	33	9	Total	Possible Points: 110
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Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110