

Appendix F



LEED 2009 for New Construction and Major Renovation Project Scorecard

Project Name: Moakley Cancer Center Addition
Project Address: Albany Street, Boston, MA 02118

Yes ? No

21	1	4	SUSTAINABLE SITES	26 Points
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Y	?	No	Prereq	Description	Points
			Prereq 1	Construction Activity Pollution Prevention	Required
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 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 - Nonroof	1
1			Credit 7.2	Heat Island Effect - Roof	1
		1	Credit 8	Light Pollution Reduction	1

Yes ? No

4	4	2	WATER EFFICIENCY	10 Points
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Y	?	No	Prereq	Description	Points
			Prereq 1	Water Use Reduction	Required
2	2		Credit 1	Water Efficient Landscaping	2 to 4
				2 Reduce by 50%	2
				4 No Potable Water Use or Irrigation	4
		2	Credit 2	Innovative Wastewater Technologies	2
2	2		Credit 3	Water Use Reduction	2 to 4
				2 Reduce by 30%	2
				3 Reduce by 35%	3
				4 Reduce by 40%	4

9	8	18	ENERGY & ATMOSPHERE	35 Points
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Y	?	No	Prereq	Description	Points
			Prereq 1	Fundamental Commissioning of Building Energy Systems	Required
			Prereq 2	Minimum Energy Performance	Required
			Prereq 3	Fundamental Refrigerant Management	Required
5	5	9	Credit 1	Optimize Energy Performance	1 to 19
				1 Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
				2 Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
				3 Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
				4 Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
				5 Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
				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



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Yes ? No

5			Credit 1	Innovation in Design	1 to 5
1				Article 37 - Modern Grid	1
1				Article 37 - Groundwater Recharge	1
1				Article 37 Modern Mobility	1
1				Exemplary performance or LEED Pilot Credit	1
1				Exemplary performance or LEED Pilot Credit	1
1			Credit 2	LEED® Accredited Professional	1

Yes ? No

3		1	REGIONAL PRIORITY	4 Points
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3			Credit 1	Regional Priority	1 to 4
				SSc3	1
1				SSc6.1	1
1				SSc7.1	1
1				SSc7.2	1

Yes ? No

54	20	36	PROJECT TOTALS (Certification Estimates)	110 Points
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Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points



LEED 2009 for New Construction and Major Renovation Project Scorecard

Project Name: New Inpatient Building Phase 1 + New Patient Transport Bridge
Project Address: Albany Street Boston, MA 02118

Yes	?	No	22 2 2 SUSTAINABLE SITES		26 Points
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Y			Prereq 1	Construction Activity Pollution Prevention	Required
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 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 - Nonroof	1
1			Credit 7.2	Heat Island Effect - Roof	1
1			Credit 8	Light Pollution Reduction	1

Yes	?	No	4 4 2 WATER EFFICIENCY		10 Points
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Y			Prereq 1	Water Use Reduction	Required
2	2		Credit 1	Water Efficient Landscaping	2 to 4
		2		2 Reduce by 50%	2
		4		4 No Potable Water Use or Irrigation	4
		2	Credit 2	Innovative Wastewater Technologies	2
2	2		Credit 3	Water Use Reduction	2 to 4
		2		2 Reduce by 30%	2
		3		3 Reduce by 35%	3
		4		4 Reduce by 40%	4

9	10	16	ENERGY & ATMOSPHERE		35 Points
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Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	Required
Y			Prereq 2	Minimum Energy Performance	Required
Y			Prereq 3	Fundamental Refrigerant Management	Required
5	5	9	Credit 1	Optimize Energy Performance	1 to 19
		1		1 Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
		2		2 Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
		3		3 Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
		4		4 Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
		5		5 Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
		6		6 Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
		7		7 Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
		8		8 Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
		9		9 Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
		10		10 Improve by 30% for New Buildings or 26% for Existing Building Renovations	10
		11		11 Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
		12		12 Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
		13		13 Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
		14		14 Improve by 38% for New Buildings or 34% for Existing Building Renovations	14
		15		15 Improve by 40% for New Buildings or 36% for Existing Building Renovations	15
		16		16 Improve by 42% for New Buildings or 38% for Existing Building Renovations	16
		17		17 Improve by 44% for New Buildings or 40% for Existing Building Renovations	17
		18		18 Improve by 46% for New Buildings or 42% for Existing Building Renovations	18
		19		19 Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations	19
		7	Credit 2	On-Site Renewable Energy	1 to 7



LEED 2009 for New Construction and Major Renovation Project Scorecard

Project Name: New Inpatient Building Phase 1 + New Patient Transport Bridge
Project Address: Albany Street Boston, MA 02118

Yes ? No

			1% Renewable Energy	1
			3% Renewable Energy	2
			5% Renewable Energy	3
			7% Renewable Energy	4
			9% Renewable Energy	5
			11% Renewable Energy	6
			13% Renewable Energy	7
2			Enhanced Commissioning	2
2			Enhanced Refrigerant Management	2
	3		Measurement and Verification	3
	2		Green Power	2

Yes ? No

5	2	7	MATERIALS & RESOURCES	14 Points
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Y			Prereq 1	Storage and Collection of Recyclables	Required
		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 Interior Nonstructural Elements	1
	2		Credit 2	Construction Waste Management	1 to 2
				50% Recycled or Salvaged	1
				75% Recycled or Salvaged	2
		2	Credit 3	Materials Reuse	1 to 2
				Reuse 5%	1
				Reuse 10%	2
	1	1	Credit 4	Recycled Content	1 to 2
				10% of Content	1
				20% of Content	2
	1	1	Credit 5	Regional Materials	1 to 2
				10% of Materials	1
				20% of Materials	2
		1	Credit 6	Rapidly Renewable Materials	1
	1		Credit 7	Certified Wood	1

Yes ? No

11		4	INDOOR ENVIRONMENTAL QUALITY	15 Points
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Y			Prereq 1	Minimum Indoor Air Quality Performance	Required
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
1			Credit 1	Outdoor Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction Indoor Air Quality Management Plan - During Construction	1
1			Credit 3.2	Construction Indoor Air Quality 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

Yes ? No

4	2		INNOVATION IN DESIGN	6 Points
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LEED 2009 for New Construction and Major Renovation Project Scorecard

Project Name: New Inpatient Building Phase 1 + New Patient Transport Bridge
 Project Address: Albany Street Boston, MA 02118

Yes ? No

3	2	Credit 1	Innovation in Design	1 to 5
1			Article 37 - Modern Grid	1
1			Article 37 - Groundwater Recharge	1
1			Article 37 - Modern Mobility	1
1			Exemplary performance of LEED Pilot Credit	1
1			Exemplary performance of LEED Pilot Credit	1
1		Credit 2	LEED® Accredited Professional	1

Yes ? No

3	1	REGIONAL PRIORITY	4 Points
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3	1	Credit 1	Regional Priority	1 to 4
			SSc3	1
1			SSc6.1	1
1			SSc7.1	1
1			SSc7.2	1

Yes ? No

58	21	31	PROJECT TOTALS (Certification Estimates)	110 Points
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Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points



LEED 2009 for New Construction and Major Renovation

Project Checklist

BMC - New Energy Facility

17-Feb

18 7 1 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
	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

0 6 4 Water Efficiency Possible Points: 10

Y	N	?			
Y			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

2 31 2 Energy and Atmosphere Possible Points: 35

Y	N	?			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	0
Y			Prereq 3	Fundamental Refrigerant Management	
	17	2	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 9 1 Materials and Resources Possible Points: 14

Y	N	?			
Y			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	?			
2			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

14 0 1 Indoor Environmental Quality Possible Points: 15

Y	N	?			
Y			Prereq 1	Minimum Indoor Air Quality Performance	0
Y			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

5 1 0 Innovation and Design Process Possible Points: 6

Y	N	?			
1			Credit 1.1	Innovation in Design: Article 37 "Modern Grid" CHP System	1
1			Credit 1.2	Innovation in Design: Article 37 "Modern Mobility" TDM Plan	1
1			Credit 1.3	Innovation in Design: Green Cleaning Plan	1
1			Credit 1.4	Innovation in Design: Green Building Education plan	1
	1		Credit 1.5	Innovation in Design: Article 37 "Groundwater Recharge"	1
1			Credit 2	LEED Accredited Professional	1

2 2 0 Regional Priority Credits Possible Points: 4

Y	N	?			
1			Credit 1.1	Regional Priority: SSc6.1: Stormwater Design-Quantity Control	1
1			Credit 1.2	Regional Priority: SSc7.2: Heat Island Effect-Roof	1
	1		Credit 1.3	Regional Priority: Specific Credit	1
	1		Credit 1.4	Regional Priority: Specific Credit	1

45 56 9 Total Possible Points: 110

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

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