



# LEED v4 for BD+C: New Construction and Major Renovation

## Project Checklist

Project Name: PHC Child Care Center, Grand Union Blvd, Somerville MA 02145

Date: Design Development 12.10.15 [12,522 GSF]

Y	?	N			
1				Credit 1 Integrative Process	1
12	1			<b>Location and Transportation</b>	<b>Possible Points: 16</b>
				Credit 1 LEED for Neighborhood Development Location	16
1				Credit 2 Sensitive Land Protection	1
2		RP		Credit 3 High Priority Site	2
5				Credit 4 Surrounding Density and Diverse Uses	5
4				Credit 5 Access to Quality Transit	5
	1			Credit 6 Bicycle Facilities	1
				Credit 7 Reduced Parking Footprint	1
				Credit 8 Green Vehicles	1
7				<b>Sustainable Sites</b>	<b>Possible Points: 10</b>
Y				Prereq 1 Construction Activity Pollution Prevention	Required
1				Credit 1 Site Assessment	1
2				Credit 2 Site Development-Protect or Restore Habitat	2
1				Credit 3 Open Space	1
		RP		Credit 4 Rainwater Management	3
2				Credit 5 Heat Island Reduction	2
1				Credit 6 Light Pollution Reduction	1
5				<b>Water Efficiency</b>	<b>Possible Points: 11</b>
Y				Prereq 1 Outdoor Water Use Reduction	Required
Y				Prereq 2 Indoor Water Use Reduction	Required
Y				Prereq 3 Building-Level Water Metering	Required
1				Credit 1 Outdoor Water Use Reduction	2
4		RP		Credit 2 Indoor Water Use Reduction	6
				Credit 3 Cooling Tower Water Use	2
				Credit 4 Water Metering	1
10	5			<b>Energy and Atmosphere</b>	<b>Possible Points: 33</b>
Y				Prereq 1 Fundamental Commissioning and Verification	Required
Y				Prereq 2 Minimum Energy Performance	Required
Y				Prereq 3 Building-Level Energy Metering	Required
Y				Prereq 4 Fundamental Refrigerant Management	Required
	4			Credit 1 Enhanced Commissioning	6
8		RP		Credit 2 Optimize Energy Performance	18
				Credit 3 Advanced Energy Metering	1
				Credit 4 Demand Response	2
		RP		Credit 5 Renewable Energy Production	3
	1			Credit 6 Enhanced Refrigerant Management	1
2				Credit 7 Green Power and Carbon Offsets	2

5	2		<b>Materials and Resources</b>	Possible Points:	<b>13</b>
Y			Prereq 1 Storage and Collection of Recyclables	Required	
Y			Prereq 2 Construction and Demolition Waste Management Planning- 5 streams min	Required	
			Credit 1 Building Life-Cycle Impact Reduction		5
1			Credit 2 Building Product Disclosure and Optimization - Environ Product Declarations		2
1	1		Credit 3 Building Product Disclosure and Optimization - Sourcing of Raw Materials		2
1	1		Credit 4 Building Product Disclosure and Optimization - Material Ingredients		2
2			Credit 5 Construction and Demolition Waste Management		2

7	5		<b>Indoor Environmental Quality</b>	Possible Points:	<b>16</b>
Y			Prereq 1 Minimum Indoor Air Quality Performance	Required	
Y			Prereq 2 Environmental Tobacco Smoke Control	Required	
2			Credit 1 Enhanced Indoor Air Quality Strategies		2
1	2		Credit 2 Low-Emitting Materials		3
1			Credit 3 Construction Indoor Air Quality Management Plan		1
	1		Credit 4 Indoor Air Quality Assessment		2
1			Credit 5 Thermal Comfort		1
1	1		Credit 6 Interior Lighting		2
			Credit 7 Daylight		3
1			Credit 8 Quality Views		1
	1		Credit 9 Acoustic Performance		1

4	1		<b>Innovation</b>	Possible Points:	<b>6</b>
	1		Credit 1.1 Pilot Credit: Walkable Project Site		5
1			Credit 1.2 Innovation: Green Building Education		
1			Credit 1.3 Innovation: Green Clean Plan		
1			Credit 1.4 Innovation: Sustainable Purchasing- Reduced Mercury in Lamps		
			Credit 1.5 Innovation: not used		
1			Credit 2 LEED Accredited Professional		1

3			<b>Regional Priority- Geo Location: 42.39, -71.07</b>	Possible Points:	<b>4</b>
1			Credit 1 Regional Priority: LTc3 High Priority Site		1
1			Credit 2 Regional Priority: WEc2 Indoor Water Use Reduction		1
1			Credit 3 Regional Priority: EAc2 Optimize Energy Performance		1
			Credit 4 Regional Priority: EAc5 Renewable Energy Production & Rainwater Management: NA		1

54	14		<b>Total</b>	Possible Points:	<b>110</b>
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Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110