

Engines and Energy Lab Addition

LEED for New Construction & Major Renovations (v2009)

Attempted: 82, Denied: 0, Pending: 0, Awarded: 81 of 110 points

leed-nc

SUSTAINABLE SITES 21 OF 26

SSp1	Construction Activity Pollution Prevention	Y
SSc1	Site Selection	1 / 1
SSc2	Development Density and Community Connectivity	5 / 5
SSc3	Brownfield Redevelopment	0 / 1
SSc4.1	Alternative Transportation-Public Transportation Access	6 / 6
SSc4.2	Alternative Transportation-Bicycle Storage and Changing Room	1 / 1
SSc4.3	Alternative Transportation-Low-Emitting and Fuel-Efficient V	3 / 3
SSc4.4	Alternative Transportation-Parking Capacity	2 / 2
SSc5.1	Site Development-Protect or Restore Habitat	0 / 1
SSc5.2	Site Development-Maximize Open Space	1 / 1
SSc6.1	Stormwater Design-Quantity Control	0 / 1
SSc6.2	Stormwater Design-Quality Control	0 / 1
SSc7.1	Heat Island Effect-Non-Roof	1 / 1
SSc7.2	Heat Island Effect, Roof	1 / 1
SSc8	Light Pollution Reduction	0 / 1

WATER EFFICIENCY 8 OF 10

WEp1	Water Use Reduction, 20% Reduction	Y
WEc1	Water Efficient Landscaping	2 / 4
WEc2	Innovative Wastewater Technologies	2 / 2
WEc3	Water Use Reduction	4 / 4

ENERGY AND ATMOSPHERE 32 OF 35

EAp1	Fundamental Commissioning of the Building Energy Systems	Y
EAp2	Minimum Energy Performance	Y
EAp3	Fundamental Refrigerant Mgmt	Y
EAc1	Optimize Energy Performance	19 / 19
EAc2	On-Site Renewable Energy	4 / 7
EAc3	Enhanced Commissioning	2 / 2
EAc4	Enhanced Refrigerant Mgmt	2 / 2
EAc5	Measurement and Verification	3 / 3
EAc6	Green Power	2 / 2

MATERIALS AND RESOURCES 4 OF 14

MRp1	Storage and Collection of Recyclables	Y
MRc1.1	Building Reuse-Maintain Existing Walls, Floors and Roof	0 / 3
MRc1.2	Building Reuse, Maintain 50% of Interior	0 / 1
MRc2	Construction Waste Mgmt	2 / 2
MRc3	Materials Reuse	0 / 2
MRc4	Recycled Content	2 / 2

MATERIALS AND RESOURCES CONTINUED

MRc5	Regional Materials	0 / 2
MRc6	Rapidly Renewable Materials	0 / 1
MRc7	Certified Wood	0 / 1

INDOOR ENVIRONMENTAL QUALITY 7 OF 15

IEQp1	Minimum IAQ Performance	Y
IEQp2	Environmental Tobacco Smoke (ETS) Control	Y
IEQc1	Outdoor Air Delivery Monitoring	1 / 1
IEQc2	Increased Ventilation	1 / 1
IEQc3.1	Construction IAQ Mgmt Plan-During Construction	1 / 1
IEQc3.2	Construction IAQ Mgmt Plan-Before Occupancy	1 / 1
IEQc4.1	Low-Emitting Materials-Adhesives and Sealants	0 / 1
IEQc4.2	Low-Emitting Materials-Paints and Coatings	0 / 1
IEQc4.3	Low-Emitting Materials-Flooring Systems	0 / 1
IEQc4.4	Low-Emitting Materials-Composite Wood and Agrifiber Products	0 / 1
IEQc5	Indoor Chemical and Pollutant Source Control	1 / 1
IEQc6.1	Controllability of Systems-Lighting	1 / 1
IEQc6.2	Controllability of Systems-Thermal Comfort	1 / 1
IEQc7.1	Thermal Comfort-Design	0 / 1
IEQc7.2	Thermal Comfort-Verification	0 / 1
IEQc8.1	Daylight and Views-Daylight	0 / 1
IEQc8.2	Daylight and Views-Views	0 / 1

INNOVATION IN DESIGN 6 OF 6

IDc1.1	WEc3: Water Use Reduction EP	1 / 1
IDc1.1	Innovation in Design	0 / 1
IDc1.2	EAc1: Optimize Energy Performance EP	1 / 1
IDc1.2	Innovation in Design	0 / 1
IDc1.3	Carbon Footprint LCA Study of Project	1 / 1
IDc1.3	Innovation in Design	0 / 1
IDc1.4	Exemplary Performance SSc5.2	1 / 1
IDc1.4	Innovation in Design	0 / 1
IDc1.5	Reduced Mercury Content	1 / 1
IDc1.5	Innovation in Design	0 / 1
IDc2	LEED® Accredited Professional	1 / 1

REGIONAL PRIORITY CREDITS 3 OF 4

SSc2	Development Density and Community Connectivity	1 / 1
SSc6.1	Stormwater Design-Quantity Control	0 / 1
WEc1	Water Efficient Landscaping	0 / 1
WEc3	Water Use Reduction	1 / 1
EAc1	Optimize Energy Performance	1 / 1
EAc2	On-Site Renewable Energy	0 / 1

TOTAL 81 OF 110

40-49 Points CERTIFIED 50-59 Points SILVER 60-79 Points GOLD 80+ Points PLATINUM