

NATURAL SCIENCES BUILDING

LEED BD+C: New Construction (v2.1)

PLATINUM, AWARDED NOV
2007**SUSTAINABLE SITES**

AWARDED: 9 / 14

SSc1	Site selection	1 / 1
SSc2	Development density	0 / 1
SSc3	Brownfield redevelopment	0 / 1
SSc4.1	Alternative transportation - public transportation access	1 / 1
SSc4.2	Alternative transportation - bicycle storage and changing rooms	1 / 1
SSc4.3	Alternative transportation - alternative fuel vehicles	1 / 1
SSc4.4	Alternative transportation - parking capacity	1 / 1
SSc5.1	Reduced site disturbance - protect or restore open space	0 / 1
SSc5.2	Reduced site disturbance - development footprint	1 / 1
SSc6.1	Stormwater Mgmt - rate and quantity	0 / 1
SSc6.2	Stormwater Mgmt - treatment	1 / 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**

AWARDED: 4 / 5

WEc1.1	Water efficient landscaping - reduce by 50%	1 / 1
WEc1.2	Water efficient landscaping - no potable water use or no irrigation	0 / 1
WEc2	Innovative wastewater technologies	1 / 1
WEc3.1	Water use reduction - 20% reduction	1 / 1
WEc3.2	Water use reduction - 30% reduction	1 / 1

**ENERGY & ATMOSPHERE**

AWARDED: 15 / 17

EAc1	Optimize energy performance	10 / 10
EAc2.1	Renewable energy - 5%	1 / 1
EAc2.2	Renewable energy - 10%	1 / 1
EAc2.3	Renewable energy - 20%	0 / 1
EAc3	Additional commissioning	1 / 1
EAc4	Ozone protection	1 / 1
EAc5	Measurement and verification	1 / 1
EAc6	Green power	0 / 1

**MATERIAL & RESOURCES**

AWARDED: 6 / 13

MRc1.1	Building reuse - maintain 75% of existing walls, floors and roof	0 / 1
MRc1.2	Building reuse - maintain 100% of existing walls, floors and roof	0 / 1
MRc1.3	Building reuse - maintain 100% of shell/structure and 50% of non-shell/non-structure	0 / 1
MRc2.1	Construction waste Mgmt - divert 50% from landfill	1 / 1
MRc2.2	Construction waste Mgmt - divert 75% from landfill	1 / 1
MRc3.1	Resource reuse - 5%	0 / 1

**MATERIAL & RESOURCES**

CONTINUED

MRc3.2	Resource reuse - 10%	0 / 1
MRc4.1	Recycled content - 5% (post-consumer + 1/2 pre-consumer)	1 / 1
MRc4.2	Recycled content - 10% (post-consumer + 1/2 pre-consumer)	1 / 1
MRc5.1	Regional materials - 20% manufactured regionally	1 / 1
MRc5.2	Regional materials - 50% extracted regionally	0 / 1
MRc6	Rapidly renewable materials	0 / 1
MRc7	Certified wood	1 / 1

**INDOOR ENVIRONMENTAL QUALITY**

AWARDED: 14 / 15

EQc1	Carbon dioxide (CO2) monitoring	1 / 1
EQc2	Ventilation effectiveness	1 / 1
EQc3.1	Construction IAQ Mgmt plan - during construction	1 / 1
EQc3.2	Construction IAQ Mgmt plan - after construction	1 / 1
EQc4.1	Low-emitting materials - adhesives and sealants	1 / 1
EQc4.2	Low-emitting materials - paints and coatings	1 / 1
EQc4.3	Low-emitting materials - carpet	1 / 1
EQc4.4	Low-emitting materials - composite wood	0 / 1
EQc5	Indoor chemical and pollutant source control	1 / 1
EQc6.1	Controllability of systems - perimeter spaces	1 / 1
EQc6.2	Controllability of systems - non-perimeter spaces	1 / 1
EQc7.1	Thermal comfort - compliance with ASHRAE 55-1992	1 / 1
EQc7.2	Thermal comfort - permanent monitoring system	1 / 1
EQc8.1	Daylight and views - daylight 75% of spaces	1 / 1
EQc8.2	Daylight and views - views for 90% of spaces	1 / 1

**INNOVATION**

AWARDED: 5 / 5

IDc1	Innovation in design	4 / 4
IDc2	LEED Accredited Professional	1 / 1

TOTAL

53 / 69