



PUBLIC SAFETY & ALLIED HEALTH **BL 16**

LEED GOLD



**ARCHITECT: STEINBERG
ARCHITECTS**



QUICK SUSTAINABILITY FACTS:

Sustainable Site

- Stormwater management plan that reduces impervious cover, promotes infiltration and treats the stormwater runoff from 90% of the average annual rainfall using acceptable best management practices (BMPs). This limits the disruption of natural hydrology.
- 75% of the roof surface can return solar energy back to the atmosphere with roofing materials specially made to reduce heat islands to minimize impacts on microclimates and human and wildlife habitats.

Indoor Environmental Quality

- Low-emitting materials are used for adhesives & sealants, paints & coatings, composite wood & agrifiber products, and flooring systems are used to reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.
- Continuous monitoring systems that provide feedback on ventilation system performance to ensure that ventilation systems maintain minimum outdoor airflow rates under all operating conditions.

Energy and Atmosphere

- Exterior vertical aluminum plate-clad "fins" affect solar gain, allowing for less need for HVAC.
- There is commissioning of building energy systems and refrigerant management.

Regional Priority

- On-site renewable energy.
- Water use reduction through low-flow water fixtures.

Water Efficiency

- Fire department reuses the water they use on the spray wall. Water rolls down the hill into a drain that leads to a 20k-gallon tank. Water is then pumped back up and recirculated.
- Water efficient landscaping.

See LEED Scorecard for more details.





New Occupational Education Building 2

LEED BD+C: New Construction (v2009)

GOLD, AWARDED JUN 2017



SUSTAINABLE SITES

AWARDED: 12 / 26

Code	Description	Score	Requirement
SSp1	Construction activity pollution prevention		REQUIRED
SSc1	Site selection	1 / 1	
SSc2	Development density and community connectivity	0 / 5	
SSc3	Brownfield redevelopment	0 / 1	
SSc4.1	Alternative transportation - public transportation access	6 / 6	
SSc4.2	Alternative transportation - bicycle storage and changing rooms	0 / 1	
SSc4.3	Alternative transportation - low-emitting and fuel-efficient vehicles	0 / 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	1 / 1	
SSc7.1	Heat island effect - nonroof	0 / 1	
SSc7.2	Heat island effect - roof	1 / 1	
SSc8	Light pollution reduction	0 / 1	



WATER EFFICIENCY

AWARDED: 6 / 10

Code	Description	Score	Requirement
WEp1	Water use reduction		REQUIRED
WEc1	Water efficient landscaping	2 / 4	
WEc2	Innovative wastewater technologies	0 / 2	
WEc3	Water use reduction	4 / 4	



ENERGY & ATMOSPHERE

AWARDED: 26 / 35

Code	Description	Score	Requirement
EAp1	Fundamental commissioning of building energy systems		REQUIRED
EAp2	Minimum energy performance		REQUIRED
EAp3	Fundamental refrigerant Mgmt		REQUIRED
EAc1	Optimize energy performance	19 / 19	
EAc2	On-site renewable energy	7 / 7	
EAc3	Enhanced commissioning	0 / 2	
EAc4	Enhanced refrigerant Mgmt	0 / 2	
EAc5	Measurement and verification	0 / 3	
EAc6	Green power	0 / 2	



MATERIAL & RESOURCES

AWARDED: 2 / 14

Code	Description	Score	Requirement
MRp1	Storage and collection of recyclables		REQUIRED
MRc1.1	Building reuse - maintain existing walls, floors and roof	0 / 3	
MRc1.2	Building reuse - maintain interior nonstructural elements	0 / 1	
MRc2	Construction waste Mgmt	0 / 2	
MRc3	Materials reuse	0 / 2	
MRc4	Recycled content	2 / 2	



MATERIAL & RESOURCES

CONTINUED

MRc5	Regional materials	0 / 2
MRc6	Rapidly renewable materials	0 / 1
MRc7	Certified wood	0 / 1



INDOOR ENVIRONMENTAL QUALITY

AWARDED: 9 / 15

Code	Description	Score	Requirement
EQp1	Minimum IAQ performance		REQUIRED
EQp2	Environmental Tobacco Smoke (ETS) control		REQUIRED
EQc1	Outdoor air delivery monitoring	1 / 1	
EQc2	Increased ventilation	0 / 1	
EQc3.1	Construction IAQ Mgmt plan - during construction	1 / 1	
EQc3.2	Construction IAQ Mgmt plan - before occupancy	0 / 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 - flooring systems	1 / 1	
EQc4.4	Low-emitting materials - composite wood and agrifiber products	1 / 1	
EQc5	Indoor chemical and pollutant source control	0 / 1	
EQc6.1	Controllability of systems - lighting	1 / 1	
EQc6.2	Controllability of systems - thermal comfort	0 / 1	
EQc7.1	Thermal comfort - design	1 / 1	
EQc7.2	Thermal comfort - verification	1 / 1	
EQc8.1	Daylight and views - daylight	0 / 1	
EQc8.2	Daylight and views - views	0 / 1	



INNOVATION

AWARDED: 4 / 6

IDc1	Innovation in design	0 / 1
IDc2	LEED Accredited Professional	0 / 1



REGIONAL PRIORITY CREDITS

AWARDED: 3 / 4

EAc2	On-site renewable energy	1 / 1
EQc8.1	Daylight and views - daylight	0 / 1
SSc4.1	Alternative transportation - public transportation access	1 / 1
SSc7.1	Heat island effect - nonroof	0 / 1
WEc2	Innovative wastewater technologies	0 / 1
WEc3	Water use reduction	1 / 1

TOTAL

62 / 110

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