



CRAFTON BL 6 CENTER

LEED PLATINUM



ARCHITECT: HMC ARCHITECTS

QUICK SUSTAINABILITY FACTS:

Indoor Environmental Quality

- Low-emitting materials are used for adhesives & sealants, paints & coatings, and flooring systems to reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.
- Lighting controls are provided for 100% of building occupants to enable adjustments that meet needs and preferences.

Regional Priority

- Has public transportation access.
- 64% of roads, sidewalks, courtyards, and parking lots ("heat islands") were mitigated using materials with a Solar Reflective Index of at least 29.

Energy and Atmosphere

- Optimize energy performance: achieved an energy cost savings of 50.06%.
- Offsets 37.4% of the total energy costs through renewable energy generated on-site.

Materials and Resources

- Diversion of 97.95% of the on-site generated construction waste from landfill.
- 13.61% of the total building materials content, by value, has been manufactured using recycled materials, and 23.1% of the total building materials value includes materials and products that have been manufactured and extracted within 500 miles.

Water Efficiency

- Reduced potable water use by at least 30%.
- Landscaping and irrigation systems have been designed to reduce the total water used for irrigation by 51.09%.

Maintenance Challenge

The president's office is the hardest space in the entire campus to heat and cool because the overhang is all glass. People in the office must use shades to keep cool.

See LEED Scorecard for more details.





Crafton Center

LEED BD+C: New Construction (v2009)

PLATINUM, AWARDED DEC 2017



SUSTAINABLE SITES

AWARDED: 20 / 26

Code	Description	Score	Requirement
SSp1	Construction activity pollution prevention		REQUIRED
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 rooms	0 / 1	
SSc4.3	Alternative transportation - low-emitting and fuel-efficient vehicles	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 - nonroof	1 / 1	
SSc7.2	Heat island effect - roof	1 / 1	
SSc8	Light pollution reduction	0 / 1	



WATER EFFICIENCY

AWARDED: 4 / 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	2 / 4	



ENERGY & ATMOSPHERE

AWARDED: 31 / 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	2 / 2	
EAc4	Enhanced refrigerant Mgmt	0 / 2	
EAc5	Measurement and verification	1 / 3	
EAc6	Green power	2 / 2	



MATERIAL & RESOURCES

AWARDED: 5 / 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	2 / 2	
MRc3	Materials reuse	0 / 2	
MRc4	Recycled content	1 / 2	



MATERIAL & RESOURCES

CONTINUED

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



INDOOR ENVIRONMENTAL QUALITY

AWARDED: 11 / 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	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 - flooring systems	1 / 1	
EQc4.4	Low-emitting materials - composite wood and agrifiber products	1 / 1	
EQc5	Indoor chemical and pollutant source control	1 / 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: 6 / 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	1 / 1
WEc3	Water use reduction	0 / 1

TOTAL

80 / 110

40-49 Points
CERTIFIED

50-59 Points
SILVER

60-79 Points
GOLD

80+ Points
PLATINUM