



KINESIOLOGY, HEALTH EDUCATION & AQUATICS COMPLEX



LEED PLATINUM BL 19



ARCHITECT: STEINBERG ARCHITECTS

QUICK SUSTAINABILITY FACTS:

Indoor Environmental Quality

- Composite wood and agrifiber products used on the interior of the building contain no added urea-formaldehyde resins, reducing concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.
- At least 90% of regularly occupied spaces have a direct line of sight to the outdoors.

Sustainable Site

- More than 50% of the site has been planted with native vegetation.
- White PVC roof membrane has a solar reflectance index of at least 78, helping reduce heat islands and minimize impacts on microclimates and human and wildlife habitats.

Energy and Atmosphere

- Has achieved an energy cost savings of 50%.
- Has offset 44.64% of the total energy costs through renewable energy generated on-site.

Materials and Resources

- At least 50% of wood-based materials are FSC certified, ensuring that products come from responsibly managed forests that provide environmental, social and economic benefits.
- Materials are used with a recycled content of at least 20%. Recycled materials include steel, concrete, and wood products.

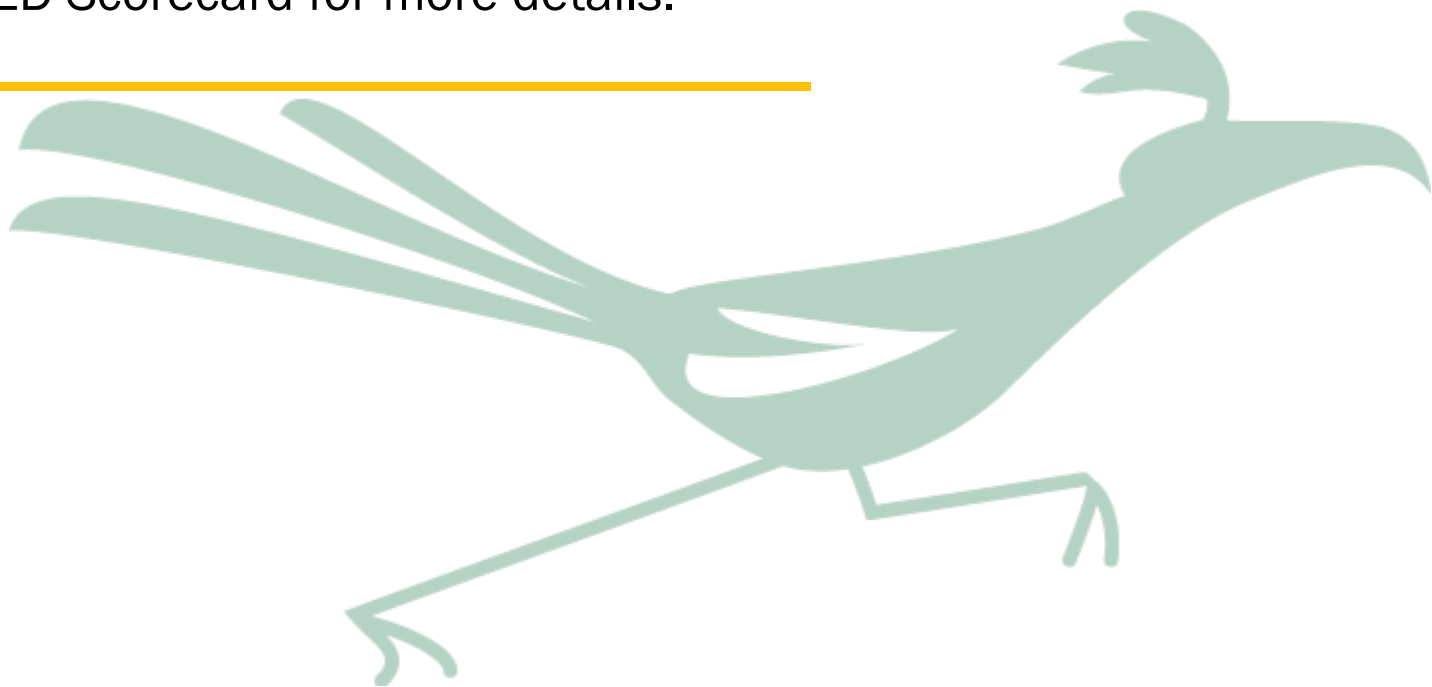
Water Efficiency

- Has reduced potable water use by 30.25%.
- At least 20% less water than the water use baseline is achieved through low-flow toilets, waterless urinals, and electronic faucets.

Maintenance Challenge

The storm drain is not operationally sustainable, because it made our soccer/track field not regulation.

See LEED Scorecard for more details.





Crafton Hills College New PE Building

LEED BD+C: New Construction (v2009)

PLATINUM, AWARDED AUG 2017



SUSTAINABLE SITES

AWARDED: 17 / 26

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	1 / 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	1 / 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: 6 / 10

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: 33 / 35

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	3 / 3
EAc6	Green power	2 / 2



MATERIAL & RESOURCES

AWARDED: 6 / 14

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	2 / 2



MATERIAL & RESOURCES

CONTINUED

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



INDOOR ENVIRONMENTAL QUALITY

AWARDED: 10 / 15

EQp1	Minimum IAQ performance	REQUIRED
EQp2	Environmental Tobacco Smoke (ETS) control	REQUIRED
EQc1	Outdoor air delivery monitoring	1 / 1
EQc2	Increased ventilation	1 / 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	0 / 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	1 / 1
EQc7.1	Thermal comfort - design	0 / 1
EQc7.2	Thermal comfort - verification	0 / 1
EQc8.1	Daylight and views - daylight	0 / 1
EQc8.2	Daylight and views - views	1 / 1



INNOVATION

AWARDED: 6 / 6

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



REGIONAL PRIORITY CREDITS

AWARDED: 4 / 4

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

TOTAL

82 / 110

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