0010248094, Pasadena, CA

Polytechnic School Math and Science Bldg

LEED BD+C: Schools (v2007)

GOLD, AWARDED APR 2013

SUSTAINABLE SITES — AWARDED: 12 / 16

SSc1	Site selection	2 / 1
SSc10	Joint use of facilities	0 / 1
SSc2	Development density and community connectivity	1 / 1
SSc3	Brownfield redevelopment	1 / 1
SSc4.1	Alternative transportation - public transportation access	0 / 1
SSc4.2	Alternative transportation - bicycle use	1 / 1
SSc4.3	Alternative transportation - low emitting and fuel efficient vehicles	1 / 1
SSc4.4	Alternative transportation - parking capacity	1 / 1
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	1 / 1
SSc6.2	Stormwater design - quality control	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
SSc9	Site master plan	0 / 1

WATER EFFICIENCY — AWARDED: 4 / 7

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	0 / 1
WEc3.1	Water use reduction - 20% reduction	3 / 1
WEc3.2	Water use reduction - 30% or 40% reduction	0 / 2
WEc4	Process water use reduction	0 / 1

ENERGY & ATMOSPHERE — AWARDED: 10 / 17

EAc1	Optimize energy performance	6 / 10
EAc2	On-site renewable energy	2 / 3
EAc3	Enhanced commissioning	1 / 1
EAc4	Enhanced refrigerant Mgmt	1 / 1
EAc5	Measurement and verification	0 / 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 95% of existing walls, floors and roof	0 / 1
MRc1.3	Building reuse - maintain 50% of interior non-structural elements	0 / 1
MRc2	Construction waste Mgmt - divert from disposal	2 / 2
MRc3	Materials reuse	0 / 2
MRc4	Recycled content (post-consumer + 1/2 pre-consumer)	2 / 2
MRc5	Regional materials - extracted, processed and manufactured regionally	2 / 2
MRc6	Rapidly renewable materials	0 / 1
MRc7	Certified wood	0 / 1

INDOOR ENVIRONMENTAL QUALITY — AWARDED: 12 / 20

EQc1	Outdoor air delivery monitoring	1 / 1
EQc10	Mold prevention	0 / 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	Low-emitting materials	4 / 4
EQc5	Indoor chemical & pollutant source control	0 / 1
EQc6.1	Lighting system design & controllability	1 / 1
EQc6.2	Thermal comfort controllability	1 / 1
EQc7.1	Thermal comfort: design	1 / 1
EQc7.2	Thermal comfort: verification	1 / 1
EQc8.1	Daylight & views: daylight 75% of spaces	0 / 3
EQc8.2	Daylight & views: views for 90% of spaces	0 / 1
EQc9	Enhanced acoustical performance	0 / 2

INNOVATION — AWARDED: 4 / 6

IDc1	Innovation in design	3 / 4
IDc2	LEED Accredited Professional	1 / 1
IDc3	The school as a teaching tool	0 / 1

TOTAL 48 / 79