

LEED for New Construction and Major Renovation 2009

Project: CSU Laurel Village - Pavilion
Date: 4/17/2015
Goal: LEED Platinum



THIS PROJECT HAS ACHIEVED LEED PLATINUM CERTIFICATION!

Project Totals (pre-certification estimates)

Certified 40-49 Silver 50-59 points Gold 60-79 points Platinum 80-110 points

110 Points

d = Design Submittal

c = Construction Submittal

Yes	SM	WM	No	N/A
83			23	4

Yes	SM	WM	No	N/A
21			5	



Sustainable Sites (SS) - 26 Points Available

Champion

Construction Activity Pollution Prevention (P)

Site Selection (1)

Development Density & Community Connectivity (5)

Brownfield Redevelopment (1)

Alternative Transportation, Public Transportation Access (6)

Alternative Transportation, Bicycle Storage & Changing Rooms (1)

Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles (3)

Alternative Transportation, Parking Capacity (2)

Site Development, Protect or Restore Habitat (1)

Site Development, Maximize Open Space (1)

Stormwater Design, Quantity Control (1)

Stormwater Design, Quality Control (1)

Heat Island Effect, Non-Roof (1)

Heat Island Effect, Roof (1)

Light Pollution Reduction (1)

c JVA / Alpine Demolition / PCL Construction

d JVA

d Ambient Energy

d 4240 Architecture / Ambient Energy

d Ambient Energy

d 4240 Architecture / Russell + Mills

d 4240 Architecture / CSU

d 4240 Architecture / CSU

c Russell + Mills

d Russell + Mills

d Russell + Mills / JVA

d 4240 Architecture

d

d Russell + Mills / JVA

d 4240 Architecture

d

d

Y	SM	WM	No	N/A
1				
5				
1				
6				
			1	
3				
2				
			1	
1				
			1	
			1	
1				
1				
			1	

Yes	SM	WM	No	N/A
4			6	



Water Efficiency (WE) - 10 Points Available

Champion

20% Water Use Reduction (P)

Water Efficient Landscaping (2-4)

Innovative Wastewater Technologies (2)

Water Use Reduction (2-4)

d Cator Ruma

d

d

d Cator Ruma

Y	SM	WM	No	N/A
			4	
			2	
4				

Yes	SM	WM	No	N/A
33			2	



Energy & Atmosphere (EA) -35 Points Available

Champion

Fundamental Commissioning of the Building Energy Systems (P)

Minimum Energy Performance (P)

Fundamental Refrigerant Management (P)

Optimize Energy Performance (1-19)

On-Site Renewable Energy (1-7)

Enhanced Commissioning (2)

Enhanced Refrigerant Management (2)

Measurement & Verification (3)

Green Power (2)

c E Cube

d Ambient Energy

d Cator Ruma

d Ambient Energy

d Ambient Energy

c E Cube

d Cator Ruma

c E Cube / CSU / Cator Ruma / Ambient Energy

c Ambient Energy / CSU

Y	SM	WM	No	N/A
19				
7				
2				
2				
1			2	
2				

Yes	SM	WM	No	N/A
4			6	4



Materials & Resources (MR) - 14 Points Available

Champion

Storage & Collection of Recyclables (P)

Building Reuse, Maintain Existing Walls, Floors & Roof (1-3)

Building Reuse, Maintain Interior Non-Structural Elements (1)

Construction Waste Management (1-2)

Materials Reuse (1-2)

Recycled Content (1-2)

Regional Materials (1-2)

Rapidly Renewable Materials, 2.5% (1)

Certified Wood, 50% (1)

d Ambient Energy / 4240 Architecture

c

c

c 4240 Architecture / Alpine Demolition / PCL Construction

c

c 4240 Architecture / PCL Construction

c 4240 Architecture / PCL Construction

c

c

Y	SM	WM	No	N/A
			3	
			1	
2				
			2	
1			1	
1			1	
			1	
			1	

Yes SM WM No N/A

13			2	
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Y					IEQp1
Y					IEQp2
			1		IEQc1
			1		IEQc2
1					IEQc3.1
1					IEQc3.2
1					IEQc4.1
1					IEQc4.2
1					IEQc4.3
1					IEQc4.4
1					IEQc5
1					IEQc6.1
1					IEQc6.2
1					IEQc7.1
1					IEQc7.2
1					IEQc8.1
1					IEQc8.2

Indoor Environmental Quality (IEQ) -15 Points Available

Champion

Minimum IAQ Performance (P)	d	Cator Ruma
Environmental Tobacco Smoke (ETS) Control (P)	d	Ambient Energy / 4240 Architecture
Outdoor Air Delivery Monitoring (1)	d	
Increased Ventilation (1)	d	
Construction IAQ Management Plan, During Construction (1)	c	PCL Construction
Construction IAQ Management Plan, Before Occupancy (1)	c	Cator Ruma / PCL Construction
Low-Emitting Materials, Adhesives & Sealants (1)	c	4240 Architecture / PCL Construction
Low-Emitting Materials, Paints & Coatings (1)	c	4240 Architecture / PCL Construction
Low-Emitting Materials, Flooring Systems (1)	c	4240 Architecture / PCL Construction
Low-Emitting Materials, Composite Wood & Agrifiber Products (1)	c	4240 Architecture / PCL Construction
Indoor Chemical & Pollutant Source Control (1)	d	4240 Architecture / Cator Ruma
Controllability of Systems, Lighting (1)	d	4240 Architecture / CSU
Controllability of Systems, Thermal Comfort (1)	d	Cator Ruma
Thermal Comfort, Design (1)	d	Cator Ruma
Thermal Comfort, Verification (1)	d	Ambient Energy / CSU
Daylight & Views, Daylight 75% of Spaces (1)	d	Ambient Energy / 4240 Architecture
Daylight & Views, Views for 90% of Spaces (1)	d	4240 Architecture

5			1	
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1					IDc1.1
1					IDc1.2
1					IDc1.3
1					IDc1.4
			1		IDc1.5
1					IDc2

Innovation & Design Process (ID) - 6 Points Available

Champion

Innovation in Design: Sustainable Education Program (1)	d	Ambient Energy / CSU
Innovation in Design: Sustainable Purchasing Policy, Ongoing Consumables (1)	d	Ambient Energy / CSU
Innovation in Design: Sustainable Purchasing Policy, Durable Goods (1)	d	Ambient Energy / CSU
Innovation in Design: Green Cleaning Policy (1)	d	Ambient Energy / CSU
Innovation in Design: Exemplary Performance - MRC2: 95% Construction Waste Management (1)	d	Russell + Mills Studios
LEED® Accredited Professional (1)	c	Ambient Energy

3			1	
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1					RPc1.1
1					RPc1.2
1					RPc1.3
			1		RPc1.4
			1		Alt.
			0		Alt.

Regional Priority (RP) - 4 Points Available

Champion

Regional Priority: SSc2 Development Density & Community Connectivity (1)	d	Ambient Energy
Regional Priority: WEc3 Water Use Reduction (1)	d	Cator Ruma
Regional Priority: EAc2 On-Site Renewable Energy, 13% (1)	d	Ambient Energy
Regional Priority: EAc1 Optimize Energy Performance (1)	d	Ambient Energy
Regional Priority: SSc6.1 Stormwater Design, Quantity Control (1)	d	
Regional Priority: WEc1 Water Efficient Landscaping (1)	d	