



67,145 sq ft

Construction : Residential | Type : Non-Profit

## PROJECT TEAM

Owner : Downtown Women's Center

Architect : Pica + Sullivan

General Contractor : W.E. O'Neil

Mechanical Engineer : Maroko & Shwe, Inc.

Electrical Engineer : Ballesteros & Associates

Plumbing Engineer : Maroko & Shwe

Landscape Architect : Carter Romanek Landscape Architects Inc.

LEED Consultant : Gaia

58% less potable water used through the use of drought tolerant plants and a high efficiency irrigation system

30% reduction in total energy use due to high efficiency mechanical and lighting systems

92% of construction waste was diverted from landfill



## DOWNTOWN WOMEN'S CENTER

LOS ANGELES, CA



### LEED-NC v2.2 FACTS

LEED GOLD TARGETING

34/69

Sustainable Sites :	8 / 14
Water Efficiency :	3 / 5
Energy and Atmosphere :	5 / 17
Materials and Resources :	6 / 13
Indoor Environmental Quality :	9 / 15
Innovation and Design :	3 / 5

### LEED ACCOMPLISHMENTS

#### Sustainable Sites

- Project located on urban infill site with access to multiple community services and various modes of public transportation
- Preferred parking for low-emitting, fuel-efficient, and carpool vehicles
- A reflective "cool roof" was installed to reduce heat island effect

#### Water Efficiency

- Drought tolerant plants and high efficiency irrigation fixtures were used to reduce the use of potable water for irrigation by over 58%
- High efficiency water closets, lavatory facets, and showers were used to reduce annual water use by 35%

#### Energy and Atmosphere

- Efficient HVAC and lighting systems contribute to an energy savings of approximately 30%
- Enhanced commission verifies that the buildings energy-related systems are performing as intended by the initial design

#### Materials and Resources

- 92% of construction waste was diverted from landfills
- Over 35% of total building materials were recycled
- Over 10% of total building materials were extracted, processed, and manufactured locally (within 500 miles)

#### Indoor Environmental Quality

- All interior finishes (paints, sealants, adhesives, coatings, carpet systems, and composite wood) were selected with low levels of Volatile Organic Compounds (VOC's) to reduce indoor air contamination
- Designed with abundant daylighting to improve energy efficiency and occupant comfort and productivity
- Design includes high level of individual occupant controls for thermal and lighting systems to promote the productivity, comfort and well-being of building occupants

# LEED-NC v2.2 SCORECARD



**Owner :** Downtown Women's Center

**Project :** Downtown Women's Center

**Location :** Los Angeles, CA

**Certification :** LEED Gold (targeting as of December 2010)

8 1 5

## Sustainable Sites

POSSIBLE POINTS 14

Y	?	N		Required
			Prereq 1	Construction Activity Pollution Prevention
Y			Credit 1	Site Selection
			Credit 2	Development Density & Community Connectivity (EB)
			Credit 3	Brownfield Redevelopment
			Credit 4.1	Alternative Transportation, Public Transportation Access (ID) (EB)
			Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms (ID)
			Credit 4.3	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles (ID)
			Credit 4.4	Alternative Transportation, Parking Capacity 5% (ID)
			Credit 5.1	Site Development, Protect and Restore Habitat 50% (75%)
			Credit 5.2	Site Development, Maximize Open Space 25% (50%)
			Credit 6.1	Stormwater Design, Quantity Control
			Credit 6.2	Stormwater Design, Quality Control
			Credit 7.1	Heat Island Effect, Non-Roof 50% (100%)
			Credit 7.2	Heat Island Effect, Green Roof 50% (100%) Cool Roof 75%
			Credit 8	Light Pollution Reduction

3 0 2

## Water Efficiency

POSSIBLE POINTS 5

Y	?	N		Required
			Credit 1.1	Water Efficient Landscaping, Reduce by 50%
			Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation
			Credit 2	Innovative Wastewater Technologies, 50% (100%)
			Credit 3.1	Water Use Reduction, 20% Reduction (Process Load 10%)
			Credit 3.2	Water Use Reduction, 30% Reduction (40%)

5 0 12

## Energy & Atmosphere

POSSIBLE POINTS 17

Y	?	N		Required
			Prereq 1	Fundamental Commissioning of the Building Energy Systems
Y			Prereq 2	Minimum Energy Performance
Y			Prereq 3	Fundamental Refrigerant Management
			Credit 1	Optimize Energy Performance 10.5% - 42.5% (45.5%) (EB)
			Credit 2	On-site Renewable Energy, 2.5%, 7.5%, 12.5%, (17.5%)
			Credit 3	Enhanced Commissioning (EB)
			Credit 4	Enhanced Refrigerant Management
			Credit 5	Measurement & Verification (EB)
			Credit 6	Green Power, 35% (70%)

6 0 7

## Materials & Resources

POSSIBLE POINTS 13

Y	?	N		Required
			Prereq 1	Storage & Collection of Recyclables
			Credit 1.1	Building Reuse, Maintain 75% of Existing Walls, Floors and Roof
			Credit 1.2	Building Reuse, Maintain 95% of Existing Walls, Floors and Roof
			Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements
			Credit 2.1	Construction Waste Management, Divert 50% from Disposal
			Credit 2.2	Construction Waste Management, Divert 75% from Disposal (95%)
			Credit 3.1	Materials Reuse, 5%
			Credit 3.2	Materials Reuse, 10% (15%)
			Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 pre-consumer) (EB)
			Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer) (30%) (EB)
			Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally (EB)
			Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally (40%) (EB)
			Credit 6	Rapidly Renewable Materials, 2.5% (5%) (EB)
			Credit 7	Certified Wood, FSC 50% of all wood used (95%) (EB)

9 0 6

## Indoor Environmental Quality

POSSIBLE POINTS 15

Y	?	N		Required
			Prereq 1	Minimum IAQ Performance
			Prereq 2	Environmental Tobacco Smoke (ETS) Control
			Credit 1	Outdoor Air Delivery Monitoring (EB)
			Credit 2	Increased Ventilation
			Credit 3.1	Construction IAQ Management Plan, During Construction
			Credit 3.2	Construction IAQ Management Plan, Before Occupancy
			Credit 4.1	Low-Emitting Materials, Adhesives & Sealants
			Credit 4.2	Low-Emitting Materials, Paints and Coatings
			Credit 4.3	Low-Emitting Materials, Carpet Systems
			Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products
			Credit 5	Indoor-Chemical & Pollutant Source Control
			Credit 6.1	Controllability of Systems, Lighting
			Credit 6.2	Controllability of Systems, Thermal Comfort (EB)
			Credit 7.1	Thermal Comfort, Design (EB)
			Credit 7.2	Thermal Comfort, Verification (EB)
			Credit 8.1	Daylight & Views, Daylight 75% of Spaces (95%) (EB)
			Credit 8.2	Daylight & Views, Views for 90% of Spaces (ID) (EB)

3 0 2

## Innovation & Design

POSSIBLE POINTS 5

Y	?	N		Required
			Credit 1.1	Innovation in Design, SS credit 4.1 Exemplary Performance
			Credit 1.2	Innovation in Design, MR credit 4 Exemplary Performance (30%)
			Credit 1.3	Innovation in Design
			Credit 1.4	Innovation in Design
			Credit 2	LEED Accredited Professional

34 0 35

## Project Totals

POSSIBLE POINTS 69

(EB) - Credit Can Assist in Certification Under LEED for Existing Buildings

Certified: 26-32 points Silver: 33-38 points Gold: 39-51 points Platinum: 52-69 points