



STIRLING CAPITAL INVESTMENTS

BUILDING 1
VICTORVILLE, CA



LEED-NC FACTS

LEED GOLD

39/69

Sustainable Sites :	7 / 14
Water Efficiency :	3 / 5
Energy and Atmosphere :	11 / 17
Materials and Resources :	6 / 13
Indoor Environmental Quality :	7 / 15
Innovation and Design :	5 / 5

LEED ACCOMPLISHMENTS

Sustainable Sites

- Provides over a 54% increase in vegetated open space on building site from code requirement to promote biodiversity
- Preferred parking for low emitting and fuel efficient vehicles
- Utilizes highly reflective materials for over 91% of hardscape to reduce heat island effect, minimizing the impact on microclimate and human and wildlife habitats

Water Efficiency

- Drought tolerant plants and high efficiency irrigation fixtures were used to reduce the use of potable water for irrigation by over 72%
- High efficiency water closets, lavatory facilities, and waterless urinals were used to reduce annual water use by over 40%

Energy and Atmosphere

- Strategically selected refrigerants and an HVAC&R system minimizes the emission of ozone depleting compounds

Materials and Resources

- Over 94% of construction waste was diverted from landfills and incinerators through recycling and reuse programs
- Over 24% of total building materials were recycled
- Over 32% of total building materials were extracted, processed, and manufactured locally (within 500 miles)

Indoor Environmental Quality

- All interior finishes were selected with low levels of Volatile Organic Compounds (VOC's) to reduce indoor air contamination including carpet, paint, coatings, adhesives and sealants
- Design includes high level of individual occupant controls for heat and lighting systems to promote the productivity, comfort and well-being of building occupants.

1,000,010 sq ft

Construction : Commercial | Type : Warehouse w/ Office

PROJECT TEAM

Owner : Stirling Capital Investments

Architect : HPA

General Contractor : Fullmer Construction

Mechanical Engineer : Air Control System, Inc.

Electrical Engineer : Gregg Electric

Plumbing Engineer : W.P. Johnson Plumbing

Landscape Architect : Hunter Landscape

LEED Consultant : Gaia

72% amount of potable water saved through the use of drought tolerant plants and high efficiency irrigation fixtures

49% reduction in energy use due to high efficiency building systems & a computer simulated energy model

94% of construction waste was diverted from landfills

LEED-NC 2.2 SCORECARD

Owner : Stirling Capital Investments
Project : Building 1
Location : Victorville, CA
Certification : LEED Gold



7 0 7

Sustainable Sites

POSSIBLE POINTS 14

Y	?	N		Required
			Prereq 1	Construction Activity Pollution Prevention
1			Credit 1	Site Selection
			Credit 2	Development Density & Community Connectivity (EB)
1			Credit 3	Brownfield Redevelopment
			Credit 4.1	Alternative Transportation, Public Transportation Access (ID) (EB)
1			Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms (ID)
1			Credit 4.3	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles (ID)
1			Credit 4.4	Alternative Transportation, Parking Capacity 5% (ID)
			Credit 5.1	Site Development, Protect and Restore Habitat 50% (75%)
1			Credit 5.2	Site Development, Maximize Open Space 25% (50%)
			Credit 6.1	Stormwater Design, Quantity Control
			Credit 6.2	Stormwater Design, Quality Control
1			Credit 7.1	Heat Island Effect, Non-Roof 50% (100%)
			Credit 7.2	Heat Island Effect, Green Roof 50% (100%)
1			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%)
1			Credit 3.1	Water Use Reduction, 20% Reduction (Process Load 10%)
1			Credit 3.2	Water Use Reduction, 30% Reduction (40%)

11 0 6

Energy & Atmosphere

POSSIBLE POINTS 17

Y	?	N		Required
			Prereq 1	Fundamental Commissioning of the Building Energy Systems
			Prereq 2	Minimum Energy Performance
			Prereq 3	Fundamental Refrigerant Management
10			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)
1			Credit 4	Measurement & Verification (EB)
			Credit 5	Green Power, 35% (70%)
			Credit 6	

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
1			Credit 2.1	Construction Waste Management, Divert 50% from Disposal
1			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)
1			Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer) (30%) (EB)
1			Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally (EB)
1			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)

7 0 8

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
1			Credit 3.1	Construction IAQ Management Plan, During Construction
1			Credit 3.2	Construction IAQ Management Plan, Before Occupancy
			Credit 4.1	Low-Emitting Materials, Adhesives & Sealants
1			Credit 4.2	Low-Emitting Materials, Paints and Coatings
1			Credit 4.3	Low-Emitting Materials, Carpet Systems
1			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)
1			Credit 7.1	Thermal Comfort, Design (EB)
1			Credit 7.2	Thermal Comfort, Verification (EB)
1			Credit 8.1	Daylight & Views, Daylight 75% of Spaces (95%) (EB)
			Credit 8.2	Daylight & Views, Views for 90% of Spaces (ID) (EB)

5 0 0

Innovation & Design

POSSIBLE POINTS 5

Y	?	N		Required
			Credit 1.1	Innovation in Design, 54% Increase in Open Space
			Credit 1.2	Innovation in Design, 40% Water Use Reduction
1			Credit 1.3	Innovation in Design, 48.5% Annual Energy Savings
1			Credit 1.4	Innovation in Design, 95% Daylighting
1			Credit 2	LEED™ Accredited Professional

39 0 30

Project Totals

POSSIBLE POINTS 69

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

[EB] - Credit can assist in certification under LEED for Existing Buildings