



**LEED 2009 for New Construction and Major Renovations**  
Project Checklist

Sunnyvale Kifer  
10.11.16

**24 2 Sustainable Sites Possible Points: 26**

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
1			Credit 5.1	Site Development—Protect or Restore Habitat	1
1			Credit 5.2	Site Development—Maximize Open Space	1
		1	Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
1			Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
1			Credit 8	Light Pollution Reduction	1

**4 6 Water Efficiency Possible Points: 10**

Y	?	N			
Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
2		2	Credit 3	Water Use Reduction	2 to 4

**13 2 20 Energy and Atmosphere Possible Points: 35**

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
6	2	11	Credit 1	Optimize Energy Performance	1 to 19
		7	Credit 2	On-Site Renewable Energy	1 to 7
2			Credit 3	Enhanced Commissioning	2
		2	Credit 4	Enhanced Refrigerant Management	2
3			Credit 5	Measurement and Verification	3
2			Credit 6	Green Power	2

**5 1 8 Materials and Resources Possible Points: 14**

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		3	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

**Materials and Resources, Continued**

Y	?	N			
2			Credit 4	Recycled Content	1 to 2
1	1		Credit 5	Regional Materials	1 to 2
		1	Credit 6	Rapidly Renewable Materials	1
		1	Credit 7	Certified Wood	1

**10 1 4 Indoor Environmental Quality Possible Points: 15**

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

**4 Innovation and Design Process Possible Points: 6**

Y	?	N			
1			Credit 1.1	Innovation in Design: Green Power	1
1			Credit 1.2	Innovation in Design: Green Education	1
1			Credit 1.3	Innovation in Design: Verified C&D Recycling Rates	1
			Credit 1.4	Innovation in Design: Specific Title	1
			Credit 1.5	Innovation in Design: Specific Title	1
1			Credit 2	LEED Accredited Professional	1

**1 Regional Priority Credits Possible Points: 4**

Y	?	N			
		1	Credit 1.1	Regional Priority: Water Use Reduction	1
			Credit 1.2	Regional Priority: Specific Credit	1
			Credit 1.3	Regional Priority: Specific Credit	1
			Credit 1.4	Regional Priority: Specific Credit	1

**60 5 40 Total Possible Points: 110**

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



: Architecture  
: Planning  
: Urban Design

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Category	Item	Points	Weight	Score	Notes
PLUMBING	PL1.1 Environmentally Preferable Fixtures	3	3	3	
	PL1.2 Double Flushing	1	1	1	
	PL1.3 Low-Flow Toilets	1	1	1	
	PL1.4 Water-Saving Showerheads	1	1	1	
	PL1.5 Low-Flow Faucets	1	1	1	
	PL1.6 Low-Flow Dishwashers	1	1	1	
	PL1.7 Low-Flow Washers	1	1	1	
	PL1.8 Low-Flow Dryers	1	1	1	
	PL1.9 Low-Flow Water Heaters	1	1	1	
	PL1.10 Low-Flow Water Treatment	1	1	1	
APPLIANCES AND LIGHTING	AP1.1 Energy Star Appliances	1	1	1	
	AP1.2 Energy Star Refrigerators	1	1	1	
	AP1.3 Energy Star Washers	1	1	1	
	AP1.4 Energy Star Dryers	1	1	1	
	AP1.5 Energy Star Dishwashers	1	1	1	
	AP1.6 Energy Star Water Heaters	1	1	1	
	AP1.7 Energy Star Freezers	1	1	1	
	AP1.8 Energy Star A/C Units	1	1	1	
	AP1.9 Energy Star Dehumidifiers	1	1	1	
	AP1.10 Energy Star Air Purifiers	1	1	1	
COMMUNITY	CO1.1 LEED Silver	2	2	2	
	CO1.2 LEED Gold	2	2	2	
	CO1.3 LEED Platinum	2	2	2	
	CO1.4 LEED Platinum Plus	2	2	2	
	CO1.5 LEED Platinum Plus with Innovation in Design	2	2	2	
	CO1.6 LEED Platinum Plus with Innovation in Design and Green Building	2	2	2	
	CO1.7 LEED Platinum Plus with Innovation in Design and Green Building and Green Communities	2	2	2	
	CO1.8 LEED Platinum Plus with Innovation in Design and Green Building and Green Communities and Green Building	2	2	2	
	CO1.9 LEED Platinum Plus with Innovation in Design and Green Building and Green Communities and Green Building and Green Communities	2	2	2	
	CO1.10 LEED Platinum Plus with Innovation in Design and Green Building and Green Communities and Green Building and Green Communities and Green Building	2	2	2	

Category	Item	Points	Weight	Score	Notes
EXTERIOR	EX1.1 Environmentally Preferable Landscaping	1	1	1	
	EX1.2 Rain Water Harvesting	1	1	1	
	EX1.3 Rain Water Harvesting	1	1	1	
	EX1.4 Rain Water Harvesting	1	1	1	
	EX1.5 Rain Water Harvesting	1	1	1	
	EX1.6 Rain Water Harvesting	1	1	1	
	EX1.7 Rain Water Harvesting	1	1	1	
	EX1.8 Rain Water Harvesting	1	1	1	
	EX1.9 Rain Water Harvesting	1	1	1	
	EX1.10 Rain Water Harvesting	1	1	1	
SIMULATION	SI1.1 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.2 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.3 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.4 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.5 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.6 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.7 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.8 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.9 Simulation with 30% Post-Construction Energy Performance	1	1	1	
	SI1.10 Simulation with 30% Post-Construction Energy Performance	1	1	1	
PLUMBING	PL2.1 Efficient Showerheads	1	1	1	
	PL2.2 Efficient Showerheads	1	1	1	
	PL2.3 Efficient Showerheads	1	1	1	
	PL2.4 Efficient Showerheads	1	1	1	
	PL2.5 Efficient Showerheads	1	1	1	
	PL2.6 Efficient Showerheads	1	1	1	
	PL2.7 Efficient Showerheads	1	1	1	
	PL2.8 Efficient Showerheads	1	1	1	
	PL2.9 Efficient Showerheads	1	1	1	
	PL2.10 Efficient Showerheads	1	1	1	
HEATING, VENTILATION AND AIR CONDITIONING	HV1.1 Energy Star HVAC	1	1	1	
	HV1.2 Energy Star HVAC	1	1	1	
	HV1.3 Energy Star HVAC	1	1	1	
	HV1.4 Energy Star HVAC	1	1	1	
	HV1.5 Energy Star HVAC	1	1	1	
	HV1.6 Energy Star HVAC	1	1	1	
	HV1.7 Energy Star HVAC	1	1	1	
	HV1.8 Energy Star HVAC	1	1	1	
	HV1.9 Energy Star HVAC	1	1	1	
	HV1.10 Energy Star HVAC	1	1	1	
RENEWABLE ENERGY	RE1.1 Photovoltaic	1	1	1	
	RE1.2 Photovoltaic	1	1	1	
	RE1.3 Photovoltaic	1	1	1	
	RE1.4 Photovoltaic	1	1	1	
	RE1.5 Photovoltaic	1	1	1	
	RE1.6 Photovoltaic	1	1	1	
	RE1.7 Photovoltaic	1	1	1	
	RE1.8 Photovoltaic	1	1	1	
	RE1.9 Photovoltaic	1	1	1	
	RE1.10 Photovoltaic	1	1	1	
BUILDING PERFORMANCE AND DESIGN	BP1.1 Energy Star Building	1	1	1	
	BP1.2 Energy Star Building	1	1	1	
	BP1.3 Energy Star Building	1	1	1	
	BP1.4 Energy Star Building	1	1	1	
	BP1.5 Energy Star Building	1	1	1	
	BP1.6 Energy Star Building	1	1	1	
	BP1.7 Energy Star Building	1	1	1	
	BP1.8 Energy Star Building	1	1	1	
	BP1.9 Energy Star Building	1	1	1	
	BP1.10 Energy Star Building	1	1	1	
FURNITURE	FU1.1 Environmentally Preferable Furniture	1	1	1	
	FU1.2 Environmentally Preferable Furniture	1	1	1	
	FU1.3 Environmentally Preferable Furniture	1	1	1	
	FU1.4 Environmentally Preferable Furniture	1	1	1	
	FU1.5 Environmentally Preferable Furniture	1	1	1	
	FU1.6 Environmentally Preferable Furniture	1	1	1	
	FU1.7 Environmentally Preferable Furniture	1	1	1	
	FU1.8 Environmentally Preferable Furniture	1	1	1	
	FU1.9 Environmentally Preferable Furniture	1	1	1	
	FU1.10 Environmentally Preferable Furniture	1	1	1	

Category	Item	Points	Weight	Score	Notes
MULTIFAMILY	MU1.1 Energy Star Appliances	1	1	1	
	MU1.2 Energy Star Appliances	1	1	1	
	MU1.3 Energy Star Appliances	1	1	1	
	MU1.4 Energy Star Appliances	1	1	1	
	MU1.5 Energy Star Appliances	1	1	1	
	MU1.6 Energy Star Appliances	1	1	1	
	MU1.7 Energy Star Appliances	1	1	1	
	MU1.8 Energy Star Appliances	1	1	1	
	MU1.9 Energy Star Appliances	1	1	1	
	MU1.10 Energy Star Appliances	1	1	1	
SUNNYVALE KIFER	SK1.1 Energy Star Appliances	1	1	1	
	SK1.2 Energy Star Appliances	1	1	1	
	SK1.3 Energy Star Appliances	1	1	1	
	SK1.4 Energy Star Appliances	1	1	1	
	SK1.5 Energy Star Appliances	1	1	1	
	SK1.6 Energy Star Appliances	1	1	1	
	SK1.7 Energy Star Appliances	1	1	1	
	SK1.8 Energy Star Appliances	1	1	1	
	SK1.9 Energy Star Appliances	1	1	1	
	SK1.10 Energy Star Appliances	1	1	1	
CALGREEN	CG1.1 Energy Star Appliances	1	1	1	
	CG1.2 Energy Star Appliances	1	1	1	
	CG1.3 Energy Star Appliances	1	1	1	
	CG1.4 Energy Star Appliances	1	1	1	
	CG1.5 Energy Star Appliances	1	1	1	
	CG1.6 Energy Star Appliances	1	1	1	
	CG1.7 Energy Star Appliances	1	1	1	
	CG1.8 Energy Star Appliances	1	1	1	
	CG1.9 Energy Star Appliances	1	1	1	
	CG1.10 Energy Star Appliances	1	1	1	

KIFER SITE  
Sunnyvale, California  
GREYSTAR  
221 Main Street, Suite 1280  
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Sheet Title:  
GREENPOINT  
RATED  
MEASURES

Job No. 13031  
Date: 10/10/2016  
Scale:

Sheet No:  
GRN.1