

draft

Attachment 3A - UC Green Building Guide
Project Scoresheet - UCSD

Lab Buildings

Plant Account:	
Project Name:	
Campus:	
Regent's Approval:	

Scope	LEED 2.1	LEED Campus Only	Labs21 EPC Only	Item	Prerequisite	UC Point(s)	UC Mandatory	UC Discretionary	Baseline Points	Additional Points	Initial Goals	End Schematics	Regent's DR Final
Sustainable Sites	Y			SS Prerequisite 1 - Erosion & Sedimentation Control	Y				X				
Sustainable Sites	Y			SS 1 - Site Selection		1		Y	1				
Sustainable Sites	Y			SS 2 - Development Density		1		Y	1				
Sustainable Sites	Y			SS 3 - Brownfield Redevelopment		1		Y	--				
Sustainable Sites	Y			SS 4.1 - Alternative Transportation- Public Transportation Access		1		Y	1				
Sustainable Sites	Y			SS 4.2 - Alternative Transportation - Bicycle Storage & Changing Rooms		1		Y	--				
Sustainable Sites	Y			SS 4.3 - Alternative Transportation - Alternative Fuel Vehicles		1		Y	1				
Sustainable Sites	Y			SS 4.4 - Alternative Transportation- Parking Capacity		1		Y	--				
Sustainable Sites	Y			SS 5.1 - Reduced Site Disturbance- Protect or Restore Open Space		1		Y	--				
Sustainable Sites	Y			SS 5.2 - Reduced Site Disturbance- Development Footprint		1		Y	1				
Sustainable Sites	Y			SS 6.1 - Stormwater Management- Rate and Quantity		1		Y	1				
Sustainable Sites	Y			SS 6.2 - Stormwater Management- Treatment		1		Y	--				
Sustainable Sites	Y			SS 7.1 - Heat Island Effect - Non-Roof		1		Y	1				
Sustainable Sites	Y			SS 7.2 - Heat Islands Effect - Roof		1		Y	1				
Sustainable Sites	Y			SS 8.1 - Light Pollution Reduction - Exterior Lighting		1		Y					
Sustainable Sites		Y		(Campus AG) SS 8.2 - Light Pollution Reduction - Exterior Lighting Master Plan									
Sustainable Sites		Y		(Campus AG) SS 9 - Mixed Use Development									
Sustainable Sites		Y		(Campus AG) SS 10 - Natural Resource Salvage and Rescue, and Green Landscaping									
Sustainable Sites		Y		(Campus AG) SS 11 - Greenways and Wildlife Corridors									
Sustainable Sites			Y	Labs21 SS 12.1 - Safety and Risk Management - Air Effluent		1		Y	1				
Sustainable Sites			Y	Labs21 SS 12.2 - Safety & Risk Management - Water Effluent		1		Y	1				
SUSTAINABLE SITES SUBTOTAL:									10		0	0	0
Water Efficiency			Y	Labs21 WE Prerequisite 1 - Laboratory Equipment Water Use	Y				X				
Water Efficiency	Y			WE 1.1 - Water Efficient Landscaping- Reduce by 50%		1		Y	1				
Water Efficiency	Y			WE 1.2 - Water Efficient Landscaping- No Potable Use or No Irrigation		1		Y	--				
Water Efficiency	Y			WE 2 - Innovative Wastewater Technologies		1		Y	--				
Water Efficiency	Y			WE 3.1 - Water Use Reduction - 20% Reduction		1		Y	1				
Water Efficiency	Y			WE 3.2 - Water Use Reduction- 30% Reduction		1		Y	--				
Water Efficiency			Y	Labs21 WE 4.1 - Process Water Efficiency		1		Y					
Water Efficiency			Y	Labs21 WE 4.1 - Process Water Efficiency		1		Y					
WATER EFFICIENCY SUBTOTAL:									2		0	0	0

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Energy & Atmosphere	Y			EA Prerequisite 1 - Fundamental Building Systems Commissioning	Y				X				
Energy & Atmosphere	Y			EA Prerequisite 2 - Minimum Energy Performance	Y				X				
Energy & Atmosphere	Y			EA Prerequisite 3 - CFC Reduction in HVAC&R Equipment	Y				X				
Energy & Atmosphere			Y	Labs21 EA Prerequisite 2 - Assess Minimum Ventilation Requirements	Y				X				
Energy & Atmosphere	Y			EA Credit 1 - Optimize Energy Performance		4	Y		4				
Energy & Atmosphere				EA Credit 1 - Optimize Energy Performance		6-10	Y		--				
Energy & Atmosphere	Y			EA 2.1 - Renewable Energy- 5%		1	Y		--				
Energy & Atmosphere	Y			EA 2.2 - Renewable Energy - 10%		1	Y		--				
Energy & Atmosphere	Y			EA 2.3 - Renewable Energy- 20%		1	Y		--				
Energy & Atmosphere	Y			EA 3 - Additional Commissioning		1	Y		--				
Energy & Atmosphere	Y			EA 4 - Ozone Protection		1	Y		--				
Energy & Atmosphere	Y			EA 5.1 - Measurement and Verification - Building Systems		1	Y		1				
Energy & Atmosphere		Y		(Campus AG) EA 5.2 - Measurement and Verification – Central Monitoring and Control									
Energy & Atmosphere	Y			EA 6 - Green Power		1	Y						
Energy & Atmosphere		Y		(Campus AG) EA 7 - Atmospheric Emissions									
Energy & Atmosphere		Y		(Campus AG) EA 8 - CO2 Reduction									
Energy & Atmosphere		Y		(Campus AG) EA 9.1 - Combined Heat and Power – 60% Efficiency									
Energy & Atmosphere		Y		(Campus AG) EA 9.2 - Combined Heat and Power – 75% Efficiency									
Energy & Atmosphere			Y	Labs21 EA 10 - Energy Supply Efficiency		1	Y		1				
Energy & Atmosphere			Y	Labs21 EA 11 - Improve Laboratory Equipment Efficiency		1	Y		--				
Energy & Atmosphere			Y	Labs21 EA 12.1 - Right-size Laboratory Equipment Load		1	Y		--				
Energy & Atmosphere			Y	Labs21 EA 12.2 - Right-size Laboratory Equipment Load - Metering		1	Y		--				
ENERGY & ATMOSPHERE SUBTOTAL:									6		0	0	0
Materials & Resources	Y			MR Prerequisite 1 - Storage & Collection of Recyclables	Y			Y	X				
Materials & Resources			Y	Labs21 MR Prerequisite 2 - Hazardous Material Handling	Y			Y	X				
Materials & Resources	Y			MR 1.1 - Building Reuse- Maintain 75% of Existing Walls, Floors and Roof		1	Y		--				
Materials & Resources	Y			MR 1.2 - Building Reuse-Maintain 100% of Existing Walls, Floors and Roof		1	Y		--				
Materials & Resources	Y			MR 1.3 - Building Reuse- Maintain 100% of Shell/Structure and 50% of Non-Shell/Non-Structure		1	Y		--				
Materials & Resources	Y			MR 2.1 - Construction Waste Management- Divert 50% From Landfill		1	Y		1				
Materials & Resources	Y			MR 2.2 - Construction Waste Management- Divert 75% From Landfill		1	Y		--				
Materials & Resources	Y			MR 3.1 - Resource Reuse: 5%		1	Y		--				
Materials & Resources	Y			MR 3.2 - Resource Reuse- 10%		1	Y		--				
Materials & Resources	Y			MR 4.1 - Recycled Content: Use 5% post-consumer or 10% postconsumer + post-industrial		1	Y		1				
Materials & Resources	Y			MR 4.2 - Recycled Content: Use 10% post-consumer or 20% post-consumer + post-industrial		1	Y		--				
Materials & Resources	Y			MR 5.1 - Regional Materials- 20% manufactured regionally		1	Y		1				
Materials & Resources	Y			MR 5.2 - Regional Materials- 50% extracted regionally		1	Y		--				
Materials & Resources	Y			MR 6 - Rapidly Renewable Materials		1	Y						
Materials & Resources	Y			MR 7 - Certified Wood		1	Y						
Materials & Resources		Y		(Campus AG) MR 8 - Site Recycling and Solid Waste Management Master Plan & Labs21 MR 8 - Chemical Resource Management									
MATERIALS & RESOURCES SUBTOTAL:									3		0	0	0

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Indoor Env'tl Quality	Y			IEQ Prerequisite 1 - Minimum IAQ Performance	Y				X				
Indoor Env'tl Quality	Y			IEQ Prerequisite 2 - Environmental Tobacco Smoke (ETS) Control	Y				X				
Indoor Env'tl Quality			Y	Labs21 IEQ Prerequisite 3 - Laboratory Ventilation	Y				X				
Indoor Env'tl Quality			Y	Labs21 IEQ Prerequisite 4 - Exterior Door Notification System	Y				-				
Indoor Env'tl Quality	Y			IEQ 1 - Carbon Dioxide (CO2) Monitoring		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 2 - Ventilation Effectiveness		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 3.1 - Construction IAQ Management Plan- During Construction		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 3.2 - Construction IAQ Management Plan- After Construction		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 4.1 - Low-Emitting Materials- Adhesives & Sealants		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 4.2 - Low-Emitting Materials- Paints and Coatings		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 4.3 - Low-Emitting Materials- Carpet		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 4.4 - Low-Emitting Materials- Composite Wood		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 5 - Indoor Chemical & Pollutant Source Control		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 6.1 - Controllability of Systems- Perimeter Spaces		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 6.2 - Controllability of Systems- Non-Perimeter Spaces		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 7.1 - Thermal Comfort- Compliance with ASHRAE 55-1992		1		Y	1				
Indoor Env'tl Quality	Y			IEQ 7.2 - Thermal Comfort- Permanent Monitoring System		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 8.1 - Daylight and Views- Daylight 75% of Spaces		1		Y	--				
Indoor Env'tl Quality	Y			IEQ 8.2 - Daylight and Views- Views for 90% of Spaces		1		Y	--				
Indoor Env'tl Quality		Y		(Campus AG) IEQ 9 - Lighting Quality									
Indoor Env'tl Quality		Y		(Campus AG) IEQ 10 - Acoustic Quality									
Indoor Env'tl Quality			Y	Labs21 IEQ 11 - Indoor Environmental Safety		1		Y	1				
INDOOR ENVIRONMENTAL QUALITY SUBTOTAL:									8		0	0	0
Innovation in Design	Y	Y	Y	ID 1 - Innovation in Design		1		Y	--				
Innovation in Design	Y	Y	Y	ID 2 - LEED Accredited Professional		1		Y	1				
INNOVATION IN DESIGN SUBTOTAL:									1		0	0	0
PROJECT TOTAL:									30		0	0	0

Signature(s) TBD

Legend

- 1) Prerequisite: If a point is a prerequisite in either LEED 2.1 or Labs21 EPC, it is marked in the Prerequisite column.
- 2) UC Points indicates whether a point is a UC point
- 3) UC Mandatory indicates whether a point is mandatory in the UC Green Building Guide
- 4) UC Discretionary indicates whether a point is discretionary in the UC Green Building Guide
- 5) Baseline Points indicates whether a point is incorporated into a Campus Baseline.
- 6) Additional Points indicates whether a point is claimed as a project-specific point in addition to the points included in the Campus Baseline.
- 7) Three columns are given to aid tracking inclusion of points through the facility design process. These are 'Initial Goals', 'End Schematics' and 'Regents DR Final'.
- 8) Points proposed in the DRAFT LEEDTM for Campus Application are shown, but cells under the categories described above are grayed out.
As soon as the US Green Building Council approves the LEEDTM for Campus Application Guide, these points (or similar) will be incorporated into the UC Green Building Guide.
- 9) The equivalent to 'LEEDTM Certified' equals 26 earned points and all applicable prerequisites. Equivalencies to other LEED rating levels are as may be determined by the US Green Building Council from time to time.