



LEED-NC 2009 New Construction Tracking Matrix
4/26/2011

Next Milestone: **50% Construction Documents**

Jacobs Medical Center
East Campus Bed Tower
La Jolla, CA 92037

Cannon Design Project Number 003043.11, .12, .15

LEED Criteria		Points Possible	Y	?	N
Sustainable Sites					
SSp1	Construction Activity Pollution Prevention	P	Y		
SSc1	Site Selection	1	1	0	0
SSc2	Development Density and Community Connectivity	5	0	5	0
SSc3	Brownfield Redevelopment	1	0	0	1
SSc4.1	Alternative Transportation: Public Transportation Access	6	6	0	0
SSc4.2	Alternative Transportation: Bicycle Storage & Changing Rooms	1	1	0	0
SSc4.3	Alternative Transportation: Low Emission & Fuel Efficient Vehicles	3	3	0	0
SSc4.4	Alternative Transportation: Parking Capacity	2	0	2	0
SSc5.1	Site Development: Protect or Restore Habitat	1	1	0	0
SSc5.2	Site Development: Maximize Open Space	1	1	0	0
SSc6.1	Stormwater Design: Quantity Control	1	1	0	0
SSc6.2	Stormwater Design: Quality Control	1	1	0	0
SSc7.1	Heat Island Effect: Non-Roof	1	1	0	0
SSc7.2	Heat Island Effect: Roof	1	0	1	0
SSc8	Light Pollution Reduction	1	1	0	0
Subtotals		26	17	8	1
Water Efficiency					
WEp1	Water Use Reduction	P	Y		
WEc1	Water Efficient Landscaping	4	4	0	0
WEc2	Innovative Wastewater Technologies	2	0	0	2
WEc3	Water Use Reduction	4	3	1	0
Subtotals		10	7	1	2
Energy & Atmosphere					
EAp1	Fundamental Commissioning of Building Energy Systems	P	Y		
EAp2	Minimum Energy Performance	P	Y		
EAp3	Fundamental Refrigerant Management	P	Y		
EAc1	Optimize Energy Performance	19	0	4	15
EAc2	On-Site Renewable Energy	7	0	0	7
EAc3	Enhanced Commissioning	2	2	0	0
EAc4	Enhanced Refrigerant Management	2	2	0	0
EAc5	Measurement & Verification	3	0	0	3
EAc6	Green Power	2	0	2	0
Subtotals		35	4	6	25

Materials & Resources					
MRp1	Storage & Collection of Recyclables	P	Y		
MRC1.1	Building Reuse: Maintain Existing Walls, Floors, & Roof	3	0	0	3
MRC1.2	Building Reuse: Maintain Interior Non-Structural Elements	1	0	0	1
MRC2	Construction Waste Management	2	2	0	0
MRC3	Materials Reuse	2	0	0	2
MRC4	Recycled Content	2	1	1	0
MRC5	Regional Materials	2	1	1	0
MRC6	Rapidly Renewable Materials	1	0	0	1
MRC7	Certified Wood	1	1	0	0
Subtotals		14	5	2	7
Indoor Environmental Quality					
EQp1	Minimum IAQ Performance	P	Y		
EQp2	Environmental Tobacco Smoke Control	P	Y		
EQc1	Outdoor Air Delivery Monitoring	1	1	0	0
EQc2	Increased Ventilation	1	0	1	0
EQc3.1	Construction IAQ Management Plan: During Construction	1	1	0	0
EQc3.2	Construction IAQ Management Plan: Before Occupancy	1	1	0	0
EQc4.1	Low-Emitting Materials: Adhesives & Sealants	1	1	0	0
EQc4.2	Low-Emitting Materials: Paints & Coatings	1	1	0	0
EQc4.3	Low-Emitting Materials: Carpet Systems	1	1	0	0
EQc4.4	Low-Emitting Materials: Composite Wood & Agrifiber Products	1	1	0	0
EQc5	Indoor Chemical & Pollutant Source Control	1	1	0	0
EQc6.1	Controllability of Systems: Lighting	1	1	0	0
EQc6.2	Controllability of Systems: Thermal Comfort	1	1	0	0
EQc7.1	Thermal Comfort: Design	1	1	0	0
EQc7.2	Thermal Comfort: Verification	1	0	1	0
EQc8.1	Daylight and Views: Daylight 75% of Spaces	1	0	1	0
EQc8.2	Daylight and Views: views for 90% of Spaces	1	0	1	0
Subtotals		15	11	4	0
Innovation & Design Process					
IDc1.1	Innovation: Buildings That Educate	1	0	1	0
IDc1.2	LEED Pilot 1: Life-Cycle Assessment (LCA) of Building Assemblies and Materials	1	1	0	0
IDc1.3	Innovation: Reduced Mercury in Lamps	1	0	1	0
IDc1.4	Innovation: Construction IAQ Management Plan: Green Cleaning	1	1	0	0
IDc1.5	Innovation: Potable Water Use Reduction: Measurement & Verification	1	1	0	0
IDc2	LEED Accredited Professional	1	1	0	0
Subtotals		6	4	2	0
Regional Priority					
RPc1 (SSc4)	Alternative Transportation: Public Transportation Access	1	1	0	0
RPc1 (SSc7)	Heat Island Effect: Non-Roof	1	1	0	0
RPc1 (WEC)	Innovative Wastewater Technologies	1	0	0	1
RPc1 (WEC)	Water Use Reduction	1	0	1	0
RPc1 (EAc)	On-Site Renewable Energy	1	0	0	1
RPc1 (EQc)	Daylight and Views: Daylight 75% of Spaces	1	0	1	0
Subtotals		4	2	2	2
Total		110	50	25	37

This project is targeting LEED Silver certification

This project has potential to meet LEED Gold certification.

(Certified 40-49 points, Silver 50-59 points, Gold 60-79 points, Platinum 80-110 points).

Project Information TASK LIST

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points Targeted	Points For Further Analysis	Points Documented
PIf1	D	Minimum Program Requirements	PIf1.01	UCSD	Provide initials committing to submitting annual energy & water consumption (utility bills) to GBCI.	not started	50% CD	ECO	n/a	n/a	n/a	n/a
			PIf1.02	UCSD	Provide initials verifying that all information is true and accurate on LEED Online form.	not started	50% CD	ECO				
			PIf1.03	ECO	Review, complete, and sign-off.	pending PIf1.01 & .02	100% CD + 30	GBCI				
			PIf1.04	GBCI	Certify compliance.	pending design phase submittal						
PIf2	D	Project Summary Details	PIf2.01	UCSD	Provide total project budget.	not started	50% CD	ECO	n/a	n/a	n/a	n/a
			PIf2.02	ECO	Review, complete, and sign-off.	pending PIf2.01	100% CD + 30	GBCI				
			PIf2.03	GBCI	Certify compliance.	pending design phase submittal						
PIf3	D	Occupant and Usage Data	PIf3.01	CD	Task Assigned to: Carlos Amato - Provide FTE broken out by full-time and part-time. Provide bed counts and peak and average visitor counts.	not started	50% CD	ECO	n/a	n/a	n/a	n/a
			PIf3.02	ECO	Review, complete, and sign-off.	pending PIf3.01	100% CD + 30	GBCI				
			PIf3.03	GBCI	Certify compliance.	pending design phase submittal						
PIf4	D	Schedule and Overview Requirements	PIf4.01	CD	Task Assigned to: Greg Bennett - Provide interior/exterior renderings or drawings. Provide all CDs.	in progress	50% CD	ECO	n/a	n/a	n/a	n/a
			PIf4.02	ECO	Review, complete, and sign-off.	pending PIf4.01	100% CD + 30	GBCI				
			PIf4.03	GBCI	Certify compliance.	pending design phase submittal						

Sustainable Sites - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
SSp1	C	Construction Activity Pollution Prevention	SSp1.01	KC	Develop SWPPP document and drawing(s). Provide in PDF format. Provide a brief narrative describing erosion and sedimentation control measures planned for the project. Implement SWPPP and document compliance with inspection reports and photos.	in progress	NTP	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			SSp1.02	ECO	Review and submit online documentation.	pending SSp1.01	Occ + 30	GBCI				
			SSp1.03	GBCI	Certify compliance.	pending construction phase submittal						
SSc1	D	Site Selection	SSc1.01	ECO	Site complies. Document and submit on LEED Online.	done	10/25/2010	GBCI	1	1	0	1
			SSc1.02	GBCI	Certify compliance.	pending design phase submittal						
SSc2	D	Development Density and Community Connectivity	SSc2.01	ECO	Verify: 1. restaurant (Tacone), 2. community center (Lawrence Family JCC), 3. park (Mandel-Weiss), 4. Aquatics Center, 5. bank (La Jolla Bank), 6. day care (La Jolla Country Day School), 7. school (Preuss School), 8. hotel (Hyatt La Jolla), 9. ?, 10. ?. High density housing located in various places within radius. Review and submit online documentation.	done	11/10/2010	GBCI	5	0	5	0
			SSc2.02	GBCI	Certify compliance.	pending design phase submittal						
SSc3	D	Brownfield Redevelopment			Site is not a brownfield.				1	0	0	0
SSc4.1	D	Alternative Transportation: Public Transportation Access	SSc4.1.01	ECO	Project site is served by Campus Shuttle and MTS routes 201 and 202. Project complies. Document and submit on LEED Online.	done	10/26/2010	GBCI	6	6	0	1
			SSc4.1.02	GBCI	Certify compliance.	pending design phase submittal						
SSc4.2	D	Alternative Transportation: Bicycle Storage & Changing Rooms	SSc4.2.01	CD	Task Assigned to: Carlos Amato. Provide FTE for JMC facility. Specifically, Provide FTE broken out by full-time and part-time. Provide bed counts and peak and average visitor counts.	not started	100% DD	CD	1	1	0	0
			SSc4.2.02	CD	Followup Assigned to: Greg Bennett - Provide callouts on landscape drawings that clearly label bike racks and identify capacity of each grouping. (34 bicycles is based on FTE assumption of 700 - to be verified). Two (2) shower/changing rooms provided throughout. Document compliance on LEED Online.	pending SSc4.2.01	50% CD	ECO				
			SSc4.2.03	ECO	Review and submit online documentation.	pending SSc4.2.02	100% CD + 30	GBCI				
			SSc4.2.04	GBCI	Certify compliance.	pending design phase submittal						
SSc4.3	D	Alternative Transportation: Low Emission & Fuel Efficient Vehicles Option 2	SSc4.3.01	CD	Task Assigned to: Greg Bennett - USGBC has issued new campus application guide that may change our approach. Schedule teleconference between Cannon, UCSD, LEED project administrators for ECPS & MOB (Sam Farmer), CVC (Landry Watson, DPR), and Ecotype to coordinate approach.	not started	50% CD	ECO	3	3	0	0
			SSc4.3.02	ECO		pending SSc4.3.01	50% CD + 30	CD				
			SSc4.3.03	CD	Provide parking signage per ECO recommendations. Designate on site plan.	pending SSc4.3.02	100% CD	ECO				
			SSc4.3.04	ECO	Review and submit online documentation.	pending SSc4.3.03	100% CD + 30	GBCI				
			SSc4.3.05	GBCI	Certify compliance.	pending design phase submittal						

Sustainable Sites - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
SSc4.4	D	Alternative Transportation: Parking Capacity Option 4	SSc4.4.01	ECO	Verify with GBCI if parking garage stall count must be accommodated in LEED documentation. GBCI: yes.	done	12/15/2009	CD	2	0	2	0
			SSc4.4.02	CD	See teleconference, SSc4.3.01.	not started	50% CD	ECO				
			SSc4.4.03	ECO	Review and submit online documentation.	pending SSc4.4.02	100% CD + 30	GBCI				
			SSc4.4.04	GBCI	Certify compliance.	pending design phase submittal						
SSc5.1	D	Site Development: Protect or Restore Habitat	SSc5.1.01	UCSD	Provide UCSD Open Space Policy.	done	100% DD	ECO	1	1	0	0
			SSc5.1.02	ECO	Submit narrative to LEED Online, demonstrating that OSP meets credit intent.	not started	100% CD + 30	GBCI				
			SSc5.1.03	GBCI	Certify compliance.	pending design phase submittal						
SSc5.2	D	Site Development: Maximize Open Space Option 2	SSc5.2.01	UCSD	Provide UCSD Open Space Policy.	done	100% DD	ECO	1	1	0	0
			SSc5.2.02	ECO	Submit narrative to LEED Online, demonstrating that OSP meets credit intent. Zone is RS-1-14, with no open space requirements.	not started	100% CD + 30	GBCI				
			SSc5.2.03	GBCI	Certify compliance.	pending design phase submittal						
SSc6.1	D	Stormwater Design: Quantity Control Option 2	SSc6.1.01	BW	Use infiltration basins, pervious paving, and/or other means to detain or infiltrate to insure that post-development runoff rates are 25% reduced over pre-development. Document compliance on LEED Online. <u>No one</u> from BW is registered on LEED Online.	in progress	50% CD	ECO	1	1	0	0
			SSc6.1.02	ECO	Review and submit online documentation.	pending SSc6.1.01	100% CD + 30	GBCI				
			SSc6.1.03	GBCI	Certify compliance.	pending design phase submittal						
SSc6.2	D	Stormwater Design: Quality Control	SSc6.2.01	BW	Investigate treatment options for stormwater runoff. Address 90% of average annual rainfall. Document compliance on LEED Online.	in progress	50% CD	ECO	1	1	0	0
			SSc6.2.02	ECO	Review and submit online documentation.	pending SSc6.2.01	100% CD + 30	GBCI				
			SSc6.2.03	GBCI	Certify compliance.	pending design phase submittal						
SSc7.1	C	Heat Island Effect: Non-Roof	SSc7.1.01	CD	Task Assigned to: Jessica Yi - Provide non-asphalt paving materials with SRI >= 29. <u>Provide documentation to ECO.</u> - Jessica to determine SRI of pavers.	in progress	50% CD	ECO	1	1	0	0
			SSc7.1.02	BC	Provide non-asphalt paving materials with SRI >= 29. <u>Provide documentation to ECO.</u>	in progress	50% CD	ECO				
			SSc7.1.03	ECO	Review and submit online documentation.	pending SSc7.1.01, .02	100% CD + 30	GBCI				
			SSc7.1.04	GBCI	Certify compliance.	pending construction phase submittal						
SSc7.2	D	Heat Island Effect: Roof	SSc7.2.01	CD	Task Assigned to: Greg Bennett - Contact helicopter consultant to determine if there is a safety issue with an SRI compliant modified bitument roof.	in progress	50% CD	ECO	1	0	1	0
			SSc7.2.02	ECO	Provide specification language to Cannon.	not started	50% CD	CD				
			SSc7.2.03	CD	Incorporate LEED specification language.	pending SSc7.2.02	100% CD	ECO				
			SSc7.2.04	ECO	Review and submit online documentation.	pending SSc7.2.03	100% CD + 30	GBCI				
			SSc7.2.05	GBCI	Certify compliance.	pending design phase						

Sustainable Sites - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
SSc8	D	Light Pollution Reduction	SSc8.01	ECO	Per Doug Stewart, EXP is responsible for overseeing and documenting credit requirements.	4/19/2011	100% DD	EXP-E	1	1	0	0
			SSc8.02	EXP-E	Task Assigned to: Ethan Dickenson - Project is in LZ3 environmental lighting zone. Provide sweep controls for non-emergency lighting in fenestrated spaces. Do not exceed 80% of allowable LPD for exterior spaces and 50% for facades and landscapes. Use full cutoff fixtures and control light trespass. Exterior uplighting in excess of 90 deg nadir to account for less than 5% total initial design lumens. <u>Provide site photometric, controls sequence of operations, luminaire schedule.</u> EXP to determine if UCSD-specified lighting around perimeter road will meet LEED requirements.	in progress	50% CD	ECO				
			SSc8.03	ECO		pending SSc8.02	100% CD + 30	GBCI				
			SSc8.04	GBCI	Certify compliance.	pending design phase submittal						
subtotal									26	17	8	2

Prerequisite has not been satisfied.

Water Efficiency - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
WEp1	D	Water Use Reduction	WEp1.01	ECO	Verify that fixtures used in clinical areas are exempt from calculations. CIR submitted.	done	50% DD	GBCI	prereq	prereq	prereq	0
			WEp1.02	GBCI	Respond to CIR.	done	50% DD	EXP-P				
			WEp1.03	CD	Task Assigned to: Curtis Bywater - Contact UCSD to verify that 1.28 GPF water closets are acceptable for all toilets except in patient rooms.	in progress	50% CD	ECO				
			WEp1.04	EXP-P	Task Assigned to: Steve Dalo- EXP-P to verify that 1.28 GPF waterclosets are available. Following fixtures are specified: 1.28 GPF waterclosets, 0.125 GPF urinals, 0.5 GPM lavatory faucets with sensors, 2.0 GPM showerheads.	pending WEp1.03	50% CD	ECO				
			WEp1.05	CL	Provide low-flow pre-rinse spray valves.	in progress	50% CD	ECO				
			WEp1.06	ECO	Review, run calcs, and submit online documentation.	pending WEp1.03, .04	100% CD + 30	GBCI				
			WEp1.07	GBCI	Certify compliance.	pending design phase submittal						
WEc1	D	Water Efficient Landscaping	WEc1.01	BW	Coordinate reclaimed water line as shown on sheet L5040.	in progress	50% CD	BC	4	4	0	0
			WEc1.02	BC	Minimize or eliminate turfgrass, specify drought-tolerant plant species. Drip irrigation wherever feasible. Specify weather-data irrigation controller. Reduce landscape irrigation by 50%, per LEED calculation methodology. Use reclaimed water for all remaining irrigation.	done	100% DD	ECO				
			WEc1.03	ECO	Develop narrative explaining OSHPD restriction against reclaimed water at terrace irrigation. Provide calcs. Review and submit online documentation.	not started	100% CD + 30	GBCI				
			WEc1.04	GBCI	Certify compliance.	pending design phase submittal						
WEc2	D	Innovative Wastewater Technologies			Not allowable by code.				2	0	0	0
WEc3	D	Water Use Reduction	WEc3.01	EXP-P	See WEp1.03 above.	in progress	50% CD	ECO	4	3	1	0
			WEc3.02	CL	See WEp1.04 above.	in progress	50% CD	ECO				
			WEc3.03	ECO	Review and submit online documentation.	pending WEp1.03, .04, .05	100% CD + 30	GBCI				
			WEc3.04	GBCI	Certify compliance.	pending design phase submittal						
subtotal									10	7	1	0

Prerequisite has not been satisfied.

Energy & Atmosphere - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EAp1	C	Fundamental Commissioning of Building Energy Systems	EAp1.01	UCSD	CxA scope will be available in the 50% CD spec. CxA to start no later than 50% CD for EAc3. -	in progress	50% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp1.02	ECO	Review for LEED compliance.	pending EAp1.01	100% DD + 10	CxA				
			EAp1.03	CxA	Provide commissioning services. Document on LEED Online.	pending Cx NTP	Occ + 60	ECO				
			EAp1.04	ECO	Review and submit online documentation.	pending EAp1.03	Occ + 90	GBCI				
			EAp1.05	GBCI	Certify compliance.	pending construction phase submittal						
EAp2	D	Minimum Energy Performance	EAp2.01	EXP-M	Task Assigned to: Doug Stewart & Justin Yurasek - Provide preliminary energy model PERF-1 and ECON-1 reports, at minimum. Verify that project performs a minimum of 10% better than ASHRAE 90.1-2007. Seek higher if possible within cost, lifecycle cost, performance, and M&O constraints. Determine baseline electricity cost, either county average (preferable approach) or actual cost of power purchased from main campus.	in progress	50% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp2.02	ECO		pending EAp2.01	100% DD + 30	EXP-M				
			EAp2.03	EXP-M	Provide complete energy model reports. Document results on LEED Online.	pending EAp2.02	50% CD	ECO				
			EAp2.04	ECO	Review and submit online documentation.	pending EAp2.03	100% CD + 30	GBCI				
			EAp2.05	GBCI	Certify compliance.	pending design phase submittal						
EAp3	D	Fundamental Refrigerant Management	EAp3.01	EXP-M	Task Assigned to: Doug Stewart - Provide mechanical equipment cut-sheets with refrigerant types and charges (lbs/ton) clearly indicated. No CFC-based refrigerants will be used in the project. Specify low-ODP, low-GWP refrigerants. Minimize length of refrigerant runs on split systems.	in progress	50% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp3.02	PS	No CFC-based refrigerants will be used in the project. Specify low-ODP, low-GWP refrigerants. Minimize length of refrigerant runs on split systems. Provide equipment schedules with refrigerant types and charges (lbs/ton) clearly indicated.	in progress	50% CD	ECO				
			EAp3.03	CL	No CFC-based refrigerants will be used in the project. Specify low-ODP, low-GWP refrigerants. Minimize length of refrigerant runs on split systems. Provide equipment schedules with refrigerant types and charges (lbs/ton) clearly indicated.	in progress	50% CD	ECO				
			EAp3.04	CD	Task Assigned to: Greg Bennett - Coordinate with medical equipment and kitchen equipment consultants regarding refrigerant requirements.	in progress	50% CD	ECO				
			EAp3.05	ECO	Review all schedules. Provide calcs, document on LEED Online.	pending EAp3.01,.02,.03	100% CD + 30	GBCI				
			EAp3.06	GBCI	Certify compliance.	pending design phase submittal						
EAc1	D	Optimize Energy Performance			See process described in EAp2 above.				19	0	4	0
			EAc1.01	ECO	Review and submit online documentation.	pending EAp2.03	100% CD + 30	GBCI				
			EAc1.02	GBCI	Certify compliance.	pending design phase submittal						

Energy & Atmosphere - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EAc2	D	On-Site Renewable Energy			Not pursuing. ECPS will not produce enough renewable energy to share with other projects. No renewable energy currently in scope for ECBT.				7	0	0	0
EAc3	C	Enhanced Commissioning			See process described in EAp1 above.				2	2	0	0
			EAc3.01	CxA	Provide commissioning services. Document on LEED Online. Provide copy of Work Agreement describing off-season testing and warranty scope.	in progress	Occ + 60	ECO				
			EAc3.02	ECO	Review and submit online documentation.	pending EAc3.01	Occ + 90	GBCI				
			EAc3.03	GBCI	Certify compliance.	pending construction phase submittal						
EAc4	D	Enhanced Refrigerant Management			See process described in EAp3 above.				2	2	0	0
			EAc4.04	ECO	Review all schedules. Provide calcs, document on LEED Online.	pending EAp3.01,.02,.03	100% CD + 30	GBCI				
			EAc4.05	GBCI	Certify compliance.	pending design phase submittal						
EAc5	D	Measurement & Verification			Not pursuing.				3	0	0	0
EAc6	C	Green Power			Pursue only if necessary for points. Preliminary estimate: \$50,000 for 2 points, \$100,000 for 3 points.				2	0	2	0
subtotal									35	4	6	0

Prerequisites have not been satisfied.

Materials & Resources - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
MRp1	D	Storage & Collection of Recyclables	MRp1.01	UCSD	Task Assigned to Randal Slane: Coordinate w/ Lerch Bates. At loading dock, provide clearly marked area for collection of recyclables. Verify where on plans recycling areas are indicated. Dual chutes are provided for trash & recyclables. If there are any built-in trash receptacles or alcoves, provide separate space for recyclables. Coordinate with Facilities & Services.	in progress	50% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			MRp1.02	ECO	Review and submit online documentation.	pending MRp1.01	100% CD + 30	GBCI				
			MRp1.03	GBCI	Certify compliance.	pending design phase submittal						
MRC1.1	D	Building Reuse: Maintain Existing Walls, Floors, & Roof			Not possible for this project. Thornton Renovation is outside of LEED project scope.				3	0	0	0
MRC1.2	D	Building Reuse: Maintain Interior Non-Structural Elements			See above.				1	0	0	0
MRc2	C	Construction Waste Management	MRc2.01	ECO	Provide CWM specification.	done	100% DD	CD	2	2	0	0
			MRc2.02	CD	Review and incorporate CWM spec.	in progress	50% CD	KC				
			MRc2.03	KC	Review CWM spec. Provide CWM Plan. Implement Plan. Begin documentation on LEED Online.	pending MRc2.02	NTP + 10	ECO				
			MRc2.04	ECO	Review and submit online documentation.	pending MRc2.03	Occ + 30	GBCI				
			MRc2.05	GBCI	Certify compliance.	pending construction phase submittal						
MRc3	C	Materials Reuse			Not feasible for this project.				2	0	0	0
MRc4	C	Recycled Content	MRc4.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	2	1	1	0
			MRc4.02	ECO	Review cost model/estimate for big-ticket items that may qualify the project for this credit. Develop LEED specification language and submittal template. At this time, we will not include furnishings in the calculations.	in progress	50% CD	CD				
			MRc4.03	CD	Review, edit, & provide comments on specification additions.	pending MRc4.02	100% CD	KC				
			MRc4.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc4.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc4.04	Occ + 30	GBCI				
			MRc4.06	GBCI	Certify compliance.	pending construction phase submittal						
MRc5	C	Regional Materials	MRc5.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	2	1	1	0
			MRc5.02	ECO	Review cost model/estimate for big-ticket items that may qualify the project for this credit. Develop LEED specification language and submittal template. At this time, we will not include furnishings in the calculations.	in progress	50% CD	CD				
			MRc5.03	CD	Review, edit, & provide comments on specification additions.	pending MRc5.02	100% CD	KC				
			MRc5.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc5.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc5.04	Occ + 30	GBCI				
			MRc5.06	GBCI	Certify compliance.	pending construction phase submittal						
MRc6	C	Rapidly Renewable Materials			Not pursuing due to cost/performance issues.				1	0	0	0

Materials & Resources - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
MRc7	C	Certified Wood	MRc7.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	1	1	0	0
			MRc7.02	ECO	Identify all materials containing virgin-content wood. Develop LEED specification language for these materials.	in progress	50% CD	CD				
			MRc7.03	CD	Review, edit, & provide comments on specification additions.	pending MRc7.02	100% CD	KC				
			MRc7.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc7.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc7.04	Occ + 30	GBCI				
			MRc7.06	GBCI	Certify compliance.	pending construction phase submittal						
subtotal									14	5	2	0

Prerequisite has not been satisfied.

Indoor Environmental Quality - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQp1	D	Minimum Indoor Air Quality Performance	EQp1.01	EXP-M	Doug Stewart confirmed EXP is responsible for credit documentation to LEED online. Comply with Sections 4-7 of ASHRAE 62.1-2007: Section 4. Outdoor Air Quality assessment, Section 5. Design systems & equipment for compliance and provide specification language that is compliant with Section 5, 6. Design ventilation to meet or exceed requirements, 7. Provide specification language that is compliant with Section 7. Document on LEED Online.	in progress	50% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EQp1.02	ECO	Review drawings, specs, and ventilation calcs for compliance. Review and submit online documentation.	pending EQp1.01	100% CD + 30	GBCI				
			EQp1.03	GBCI	Certify compliance.	pending design phase submittal						
EQp2	D	Environmental Tobacco Smoke Control	EQp2.01	CD	UCSD Med Center smoking policy is compliant. Submit online documentation.	in progress	100% CD + 30	GBCI	prereq	prereq	prereq	<input type="checkbox"/>
			EQp2.02	GBCI	Certify compliance.	pending design phase submittal						
EQc1	D	Outdoor Air Delivery Monitoring	EQc1.01	EXP-M	Task Assigned to: Justin Yurasek - Provide wall-mounted CO2 monitors in all zones with occupant density equal to or exceeding 25 per 1000 sf. Provide direct outflow measurement device capable of measuring air intake flow on all mechanical ventilation systems where 20% or more of the design supply airflow serves zones with occupant density less than 25 per 1000 sf. <u>Verify where CO2 monitors are called out in dwgs.</u> Document on LEED Online.	in progress	50% CD	ECO	1	1	0	0
			EQc1.02	ECO	Review and submit online documentation.	pending EQc1.01	100% CD + 30	GBCI				
			EQc1.03	GBCI	Certify compliance.	pending design phase submittal						
EQc2	D	Increased Ventilation	EQc2.01	EXP-M	Task Assigned to: Justin Yurasek- Verify if OSHPD ventilation requirements exceed ASHRAE 62.1 by a minimum 30%. If yes, we will pursue this credit. We will not intentionally design the project to comply, due to the impact on energy efficiency and the effectiveness of OSHPD rates. Credit feasibility known by end of June.	pending	50% DD	ECO	1	0	1	0
			EQc2.02	ECO	Review drawings, specs, and ventilation calcs for compliance. Review and submit online documentation.	pending EQc2.01	100% CD + 30	GBCI				
			EQc2.03	GBCI	Certify compliance.	pending design phase submittal						
EQc3.1	C	Construction IAQ Management Plan: During Construction	EQc3.1.01	KC	Provide copy of CVC Construction Indoor Air Quality (CIAQ) Plan.	done	6/15/2010	ECO				
			EQc3.1.02	ECO	Review KC CIAQ Plan. Provide CIAQ specification section and communicate documentation requirements to KC.	done	100% DD	KC				
			EQc3.1.03	KC	Review, edit, & provide final Plan. Implement Plan. Begin documentation on LEED Online.	pending NTP	NTP + 10	ECO	1	1	0	0
			EQc3.1.04	ECO	Review and submit online documentation.	pending EQc3.1.04	Occ + 30	GBCI				
			EQc3.1.05	GBCI	Certify compliance.	pending construction phase submittal						

Indoor Environmental Quality - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc3.2	C	Construction IAQ Management Plan: Before Occupancy	EQc3.2.01	KC	Include requirements in CIAQ Plan. Include scheduling requirements and calcs. Allow for building flush out (BFO) in construction schedule. Provide BFO procedure to EXP-M for review and approval.	not started	NTP + 30	EXP-M	1	1	0	0
			EQc3.2.02	EXP-M	Review KC BFO Procedure for impact on systems. Approve or recommend.	pending EQc3.2.01	NTP+ 90	KC				
			EQc3.2.03	KC	Implement BFO. Record procedures, temp, & RH.	pending SC	SC + 30	ECO				
			EQc3.2.04	ECO	Review and submit online documentation.	pending EQc3.2.03	Occ + 30	GBCI				
			EQc3.2.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.1	C	Low-Emitting Materials: Adhesives & Sealants	EQc4.1.01	ECO	Develop LEED specification language and submittal template.	in progress	50% CD	CD	1	1	0	0
			EQc4.1.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.1.01	100% CD	KC				
			EQc4.1.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.1.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.1.03	Occ + 30	GBCI				
			EQc4.1.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.2	C	Low-Emitting Materials: Paints & Coatings	EQc4.2.01	ECO	Develop LEED specification language and submittal template. Prepare VOC tracking log for VOC Budget compliance approach.	in progress	50% CD	CD	1	1	0	0
			EQc4.2.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.2.01	100% CD	KC				
			EQc4.2.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.2.04	ECO	Review submittals, compile, calculate via VOC Budget method, document on LEED Online and submit to GBCI.	pending EQc4.2.03	Occ + 30	GBCI				
			EQc4.2.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.3	C	Low-Emitting Materials: Carpet Systems	EQc4.3.01	ECO	Develop LEED specification language and submittal template.	in progress	50% CD	CD	1	1	0	0
			EQc4.3.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.3.01	100% CD	KC				
			EQc4.3.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.3.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.3.03	Occ + 30	GBCI				
			EQc4.3.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.4	C	Low-Emitting Materials: Composite Wood & Agrifiber Products	EQc4.4.01	ECO	Develop LEED specification language and submittal template.	in progress	50% CD	CD	1	1	0	0
			EQc4.4.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.4.01	100% CD	KC				
			EQc4.4.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.4.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.4.03	Occ + 30	GBCI				
			EQc4.4.05	GBCI	Certify compliance.	pending construction phase submittal						

Indoor Environmental Quality - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc5	D	Indoor Chemical & Pollutant Source Control	EQc5.01	CD	Task Assigned to Curtis Bywater: Confirm that planned grates are 10' long in P.O.T. Contact UCSD to identify which rooms will contain or utilize hazardous chemicals as defined by LEED. Provide permanent walk-off grates at all major entrances, minimum 10' long along POT. Provide door closers and sealed deck-to-deck partitions wherever hazardous chemical use occurs. Provide door hardware schedule.	in progress	50% CD	ECO	1	1	0	0
			EQc5.02	EXP-M	Task Assigned to: Justin Yurasek - At spaces where hazardous chemical use occurs (defined by CD), provide exhaust capable of providing minimum 1 Pa average, 5 Pa negative pressure. Provide MERV 13 air filters at all air handling units. Justify AHUs that appear to have just a MERV 8 filter specified.	pending EQc5.01	50% CD	ECO				
			EQc5.03	UCSD	Provide OSHPD hazardous material survey copy to ECO late in CD phase.	not started	90%CD	ECO				
			EQc5.04	ECO	Review and submit online documentation.	pending EQc5.01,.02,.03	100% CD + 30	GBCI				
			EQc5.05	GBCI	Certify compliance.	pending design phase submittal						
EQc6.1	D	Controllability of Systems: Lighting	EQc6.1.01	ECO	Determined that EXP-E is responsible for documentation of this credit.	done	100% DD	EXP-E	1	1	0	0
			EQc6.1.02	EXP-E	Task Assigned to: Ethan Dickenson - Provide user controllable lighting in patient rooms, private offices, and any other single-occupant occupied spaces. In multi-occupant office spaces, provide task lighting at workstations. Provide multi-scene dimming (minimum two modes: general and A/V) in conference and other multi-user rooms.	in progress	50% CD	ECO				
			EQc6.1.03	ECO	Review and document with GBCI.	pending EQc6.1.02	100% CD + 30	GBCI				
			EQc6.1.04	GBCI	Certify compliance.	pending design phase submittal						
EQc6.2	D	Controllability of Systems: Thermal Comfort	EQc6.2.01	EXP-M	Task Assigned to: Justin Yurasek- Provide individual comfort controls for minimum 50% of building occupants. Provided in Basis of Design narrative.	in progress	50% CD	ECO	1	1	0	0
			EQc6.2.02	ECO	Review and document with GBCI.	pending EQc6.2.01	100% CD + 30	GBCI				
			EQc6.2.03	GBCI	Certify compliance.	pending design phase submittal						

Indoor Environmental Quality - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc7.1	D	Thermal Comfort: Design	EQc7.1.01	EXP-M	Task Assigned to: Justin Yurasek - Design all occupied spaces to meet ASHRAE 55 requirements. Provide design assumptions, including: operating hours, setpoints, safety factor, diversity factor, and HVAC load calcs. Spaces with overriding programmatic requirements (i.e. ORs) are exempt. Document on LEED Online.	in progress	100% CD + 30	ECO	1	1	0	0
			EQc7.1.02	ECO	Review and document with GBCI. ECO will provide narrative justifying OR exemption.	pending EQc7.1.01	100% CD + 30	GBCI				
			EQc7.1.03	GBCI	Certify compliance.	pending design phase submittal						
EQc7.2	D	Thermal Comfort: Verification	EQc7.2.01	UCSD	Approve pursuit of EQ credit 7.2	pending	50% CD	ECO	1	0	1	0
			EQc7.2.02	ECO	Draft Thermal Comfort Survey/ Thermal Comfort Plan	pending EQc7.2.01	50% CD	CD				
			EQc7.2.03	CD	Review and approve TCS/TCP.	pending EQc7.2.02	100% CD	ECO				
			EQc7.2.04	EXP-M	BMS system will trend temp & RH data and monitor compliance withASHRAE 55. Document control sequences in CDs.	in progress	100% CD	ECO				
			EQc7.2.05	ECO	Review and document with GBCI.	pending EQc7.2.02,.03	100% CD + 30	GBCI				
			EQc7.2.06	GBCI	Certify compliance.	pending design phase submittal						
EQc8.1	D	Daylight and Views: Daylight 75% of Spaces	EQc8.1.01	CD	Task Assigned to: Joe O'Neil - Provide glazing performance data (% opaque frit, VLT).	in progress	100% DD	ECO	1	0	1	0
			EQc8.1.02	ECO	Identify room types to test with LEED daylight factor approach. Spaces that fail DF approach will be tested using Ecotect & Daysim.	pending EQc8.1.01	50% CD	CD				
			EQc8.1.03	CD	Provide BIM model of spaces to be tested by model.	pending EQc8.1.02	50% CD + 30	ECO				
			EQc8.1.04	ECO	Test remaining spaces by model. Document on LEED Online.	pending EQc8.1.03	100% CD + 30	GBCI				
			EQc8.1.05	GBCI	Certify compliance.	pending design phase submittal						
EQc8.2	D	Daylight and Views: views for 90% of Spaces	EQc8.1.01	ECO	Define occupied spaces. Review furniture plans for line-of-sight. Analyze and document on LEED Online.	in progress	50% CD	GBCI	1	0	1	0
			EQc8.1.02	GBCI	Certify compliance.	pending design phase submittal						
subtotal									15	11	4	0

Prerequisites have not been satisfied.

Innovation & Design Process - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
IDc1.1	D	Innovation: Buildings That Educate	IDc1.1.01	CD	Propose an educational program that includes 2 of these three, at minimum: 1. A comprehensive signage program built into the building's spaces to educate the occupants and visitors of the benefits of green buildings. This program may include windows to view energy-saving mechanical equipment or signs to call attention to water-conserving landscape features 2. The development of a manual, guideline or case study to inform the design of other buildings based on the successes of this project. This manual will be made available to the USGBC for sharing with other projects 3. An educational outreach program or guided tour could be developed to focus on sustainable living, using the project as an example.	not started	50% CD	ECO	1	0	1	0
			IDc1.1.02	UCSD	Review and accept manual. Provide statement indicating intent to integrate LEED into facility tours.	pending IDc1.1.01	100% CD	ECO				
			IDc1.1.03	ECO	Apply for ID innovation credit, document and submit to GBCI.	pending IDc1.1.02	100% CD + 30	GBCI				
			IDc1.1.04	GBCI	Certify compliance.	pending design phase submittal						
IDc1.2	D	LEED Pilot 1: Life-Cycle Assessment (LCA) of Building Assemblies and Materials	IDc1.2.01	ECO	Pilot credit approval pending. Applied 12/5/2009. Provide list of materials requiring LCA. Waiting for response from 5/17 email reminder.	done	8/6/2010	GBCI				
			IDc1.2.02	GBCI	Approve Pilot Credit application.	done	8/6/2010	ECO				
			IDc1.2.03	ECO	Determine which material takeoffs are required for calculation, communicate to the team.	not started	50% CD	CD	1	1	0	0
			IDc1.2.04	CD	Provide material take-offs as requested. Provide take-offs from Revit model(s), if possible.	pending IDc1.2.03	100% CD	ECO				
			IDc1.2.05	ECO	Run LCA calcs, report results back to team. Document with GBCI.	pending IDc1.2.04	100% CD + 30	GBCI				
			IDc1.2.06	GBCI	Certify compliance.	pending design phase submittal						
IDc1.3	C	Innovation: Reduced Mercury in Lamps	IDc1.3.01	ECO	Review 100% DD lighting to determine feasibility to pursue. If lighting performance is compromised by the use of low- or no-mercury lamps, we will not pursue. Send cost and performance comparisons of typical T-8 lamps vs. low-mercury T8 lamps to Jim Cleaton	not started	100% DD + 30	UCSD				
			IDc1.3.02	UCSD	Coordinate with Facilities & Services. OK to stock low-mercury?	pending IDc1.3.01	50% CD	ECO				
			IDc1.3.03	ECO	Provide low-mercury lamp specification.	pending IDc1.3.02	50% CD + 30	CD				
			IDc1.3.04	CD	Incorporate spec edits.	pending IDc1.3.03	100% CD	ECO	1	0	1	0
			IDc1.3.05	ECO	Inventory of stockpiled lamps upon SC. Run calcs and document with GBCI.	pending SC	SC + 30	GBCI				
			IDc1.3.06	GBCI	Certify compliance.	pending construction phase submittal						

Innovation & Design Process - ECBT

50% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points			
										Targeted	Pending	Documented	
IDc1.4	C	Innovation: Construction IAQ Management Plan: Green Cleaning	IDc1.4.01	ECO	Provide Green Cleaning requirements for inclusion in specs and CIAQ Plan. Requirements will include cleaning products that meet Green Seal GS-37, floor cleaners complying with SCAQMD, and supplies meeting minimum guidelines of US EPA Comprehensive Procurement Guidelines.	in progress	50% CD	KC	1	1	0	0	
			IDc1.4.02	KC	Implement CIAQ Cleaning. Provide CIAQ submittals per specs (photographs, MSDS, product data sheets).	pending SC	Occ	ECO					
			IDc1.4.03	ECO	Review submittals, compile, document with GBCI.	pending IDc1.4.02	Occ + 30	GBCI					
			IDc1.4.04	GBCI	Certify compliance.	pending construction phase submittal							
IDc1.5	C	Innovation: Potable Water Use Reduction: Measurement & Verification	IDc1.5.01	EXP-P	Task Assigned to: Steve Dalo - Recommend a min. of 3 water-use processes to meter. "Borrowed" credit from LFH WEc2. Goal to provide submetering at: cooling tower make-up, incoming domestic water, purified water system, and filter backwash water. Also, provide water submetering for at least three of the following: laboratories, dietary department, central sterile & processing, laundry, radiology & imaging, surgical suites, outdoor irrigation, steam boiler make-up, closed loop hydronic make-up, DHW cold water make-up. Include in measurement & verification plan (EAc5). M&V Plan must cover 1-year period after occupancy. Verify that this compliant with UCSD Design Guidelines, or required for Monitoring Based Commissioning.	not started	50% CD	ECO	1	1	0	0	
			IDc1.5.02	ECO	Apply for ID innovation credit, review M&V Plan, document and submit to GBCI.	pending IDc1.5.01	100% CD + 30	GBCI					
			IDc1.5.03	GBCI	Certify compliance.	pending design phase submittal							
IDc2	C	LEED Accredited Professional	IDc2.01	ECO	Document on LEED Online.	not started	100% CD + 30	GBCI	1	1	0	0	
			IDc2.02	GBCI	Approve.								
									subtotal	6	4	2	0

Regional Priority, 92037 - ECBT

50% Construction Documents

Credit	Design / Const	Description	Responsible	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Points Documented
RPc1 (SSc4.1)	D	Alternative Transportation: Public Transportation Access			See SSc4.1.				1	1	0	0
RPc1 (SSc7.1)	D	Heat Island Effect: Non-Roof			See SSc7.1.				1	1	0	0
RPc1 (WEc2)	D	Innovative Wastewater Technologies			See WEc2.				1	0	0	0
RPc1 (WEc3 40%)	D	Water Use Reduction			See WEc3.				1	0	1	0
RPc1 (EAc2 1%)	D	On-Site Renewable Energy			See EAc2.				1	0	0	0
RPc1 (EQc8.1)	D	Daylight and Views: Daylight 75% of Spaces			See EQc8.1.				1	0	1	0
subtotal									4	2	2	0



LEED-DC 2009 New Construction Tracking Matrix
4/26/2011

Next Milestone: **100% Construction Documents**

LEED-DC 2009 New Construction Tracking Matrix
50% CD DRAFT

Jacobs Medical Center
Central Plant
La Jolla, CA 92037

Cannon Design Project Number 003043.14

LEED Section	Points Possible	Points		Points Documented	Prerequisites
		Targeted	Further Analysis		
Sustainable Sites	26	19	5	12	SS prerequisite pending.
Water Efficiency	10	7	3	0	WE prerequisite pending.
Energy & Atmosphere	35	8	6	0	EA prerequisites pending.
Materials & Resources	14	5	2	0	MR prerequisite pending.
Indoor Environmental Quality	15	12	2	0	EQ prerequisites pending.
Innovation & Design Process	6	2	3	0	No prerequisites.
Regional Priority	4	3	1	0	No prerequisites.
Total	110	56	22	12	Prerequisites pending.

This project is targeting LEED Silver certification

This project has potential to meet LEED Gold certification.*

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

No points documented.**

* Pending technical review outcomes, cost analysis, GBCI approval process, and/or feasibility studies.

** LEED submittal/review process to begin at 50% CD, although LEED Online documentation is ongoing.

Color Code:

	Task achieved.
	Action required.
	Critical path / immediate action required.
	Credit available to pursue with further analysis.
	Credit not available.
	New or revised since last issued matrix.

Legend:

UC San Diego Facilities Design & Construct	Owner	UCSD
Kitchell	Construction Mgmt	KC
Cannon Design	Architect	CD
EXP	Mechanical	EXP-M
EXP	Electrical	EXP-E
EXP	Plumbing	EXP-P
KPFF	Structural	KPFF
Burkett & Wong	Civil	BW
HLB Lighting Design	Lighting	HLB
Burton & Company	Landscape	BC
Simpson, Gumpertz, & Heger	Curtainwall/Water	SGH
Cini-Little	Food Service	CL
Parallel Solutions	Medical Equip Plan	PS
Sparling	Comm/Low Voltage	SP
Papadimos Group	Acoustics/Vibrations	PG
Cumming Corporation	Cost Estimating	CC
	Commissioning	CxA
Ecotype Consulting	LEED Consultant	ECO
Green Building Certification Institute	LEED Verification	GBCI



LEED-NC 2009 New Construction Tracking Matrix
4/26/2011

Next Milestone: **100% Construction Documents**

Jacobs Medical Center
Central Plant
La Jolla, CA 92037

Cannon Design Project Number 003043.14

LEED Criteria		Points Possible	Y	?	N
Sustainable Sites					
SSp1	Construction Activity Pollution Prevention	P	Y		
SSc1	Site Selection	1	1	0	0
SSc2	Development Density and Community Connectivity	5	0	5	0
SSc3	Brownfield Redevelopment	1	0	0	1
SSc4.1	Alternative Transportation: Public Transportation Access	6	6		0
SSc4.2	Alternative Transportation: Bicycle Storage & Changing Rooms	1	1	0	0
SSc4.3	Alternative Transportation: Low Emission & Fuel Efficient Vehicles	3	3		0
SSc4.4	Alternative Transportation: Parking Capacity	2	2		0
SSc5.1	Site Development: Protect or Restore Habitat	1	1	0	0
SSc5.2	Site Development: Maximize Open Space	1	1		0
SSc6.1	Stormwater Design: Quantity Control	1	1	0	0
SSc6.2	Stormwater Design: Quality Control	1	1		0
SSc7.1	Heat Island Effect: Non-Roof	1	1	0	0
SSc7.2	Heat Island Effect: Roof	1	0		1
SSc8	Light Pollution Reduction	1	1	0	0
Subtotals		26	19	5	2
Water Efficiency					
WEp1	Water Use Reduction	P	Y		
WEc1	Water Efficient Landscaping	4	4		0
WEc2	Innovative Wastewater Technologies	2	0	2	0
WEc3	Water Use Reduction	4	3	1	0
Subtotals		10	7	3	0
Energy & Atmosphere					
EAp1	Fundamental Commissioning of Building Energy Systems	P	Y		
EAp2	Minimum Energy Performance	P	Y		
EAp3	Fundamental Refrigerant Management	P	Y		
EAc1	Optimize Energy Performance	19	4	4	11
EAc2	On-Site Renewable Energy	7	0	0	7
EAc3	Enhanced Commissioning	2	2		0
EAc4	Enhanced Refrigerant Management	2	2	0	0
EAc5	Measurement & Verification	3	0		3
EAc6	Green Power	2	0	2	0
Subtotals		35	8	6	21

Materials & Resources					
MRp1	Storage & Collection of Recyclables	P	Y		
MRC1.1	Building Reuse: Maintain Existing Walls, Floors, & Roof	3	0	0	3
MRC1.2	Building Reuse: Maintain Interior Non-Structural Elements	1	0	0	1
MRC2	Construction Waste Management	2	2	0	0
MRC3	Materials Reuse	2	0	0	2
MRC4	Recycled Content	2	1	1	0
MRC5	Regional Materials	2	1	1	0
MRC6	Rapidly Renewable Materials	1	0	0	1
MRC7	Certified Wood	1	1	0	0
Subtotals		14	5	2	7
Indoor Environmental Quality					
EQp1	Minimum IAQ Performance	P	Y		
EQp2	Environmental Tobacco Smoke Control	P	Y		
EQc1	Outdoor Air Delivery Monitoring	1	1	0	0
EQc2	Increased Ventilation	1	0	1	0
EQc3.1	Construction IAQ Management Plan: During Construction	1	1	0	0
EQc3.2	Construction IAQ Management Plan: Before Occupancy	1	1	0	0
EQc4.1	Low-Emitting Materials: Adhesives & Sealants	1	1	0	0
EQc4.2	Low-Emitting Materials: Paints & Coatings	1	1	0	0
EQc4.3	Low-Emitting Materials: Carpet Systems	1	1	0	0
EQc4.4	Low-Emitting Materials: Composite Wood & Agrifiber Products	1	1	0	0
EQc5	Indoor Chemical & Pollutant Source Control	1	1	0	0
EQc6.1	Controllability of Systems: Lighting	1	1	0	0
EQc6.2	Controllability of Systems: Thermal Comfort	1	0	0	1
EQc7.1	Thermal Comfort: Design	1	1	0	0
EQc7.2	Thermal Comfort: Verification	1	0	1	0
EQc8.1	Daylight and Views: Daylight 75% of Spaces	1	1	0	0
EQc8.2	Daylight and Views: views for 90% of Spaces	1	1	0	0
Subtotals		15	12	2	1
Innovation & Design Process					
IDc1.1	Innovation: Process Water Use Reduction	1	0	1	0
IDc1.2	LEED Pilot 17: Cooling Tower Makeup Water	1	0	1	0
IDc1.3	Innovation: Reduced Mercury in Lamps	1	0	1	0
IDc1.4	Innovation: Construction IAQ Management Plan: Green Cleaning	1	1	0	0
IDc1.5	Exemplary Performance: Water Use Reduction	1	0	0	1
IDc2	LEED Accredited Professional	1	1	0	0
Subtotals		6	2	3	1
Regional Priority					
RPc1 (SSc)	Alternative Transportation: Public Transportation Access	1	1	0	0
RPc1 (SSc)	Heat Island Effect: Non-Roof	1	1	0	0
RPc1 (WEc)	Innovative Wastewater Technologies	1	0	1	0
RPc1 (WEc)	Water Use Reduction	1	0	1	0
RPc1 (EA2)	On-Site Renewable Energy	1	0	0	1
RPc1 (EQc)	Daylight and Views: Daylight 75% of Spaces	1	1	0	0
Subtotals		4	3	1	1
Total		110	56	22	33

This project is targeting LEED Silver certification
 This project has potential to meet LEED Gold certification.
 (Certified 40-49 points, Silver 50-59 points, Gold 60-79 points, Platinum 80-110 points).

Project Information TASK LIST

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points Targeted	Points For Further Analysis	Points Documented
PIf1	D	Minimum Program Requirements	PIf1.01	UCSD	Provide initials committing to submitting annual energy & water consumption (utility bills) to GBCI.	not started	100% CD	ECO	n/a	n/a	n/a	n/a
			PIf1.02	UCSD	Provide initials verifying that all information is true and accurate on LEED Online form.	not started	100% CD	ECO				
			PIf1.03	ECO	Review, complete, and sign-off.	pending PIf1.01 & .02	100% CD + 30	GBCI				
			PIf1.04	GBCI	Certify compliance.	pending design phase submittal						
PIf2	D	Project Summary Details	PIf2.01	UCSD	Provide total project budget.	done	100% CD	ECO	n/a	n/a	n/a	
			PIf2.02	ECO	Review, complete, and sign-off.	pending PIf2.01	100% CD + 30	GBCI				
			PIf2.03	GBCI	Certify compliance.	pending design phase submittal						
PIf3	D	Occupant and Usage Data	PIf3.01	CD	Task Assigned to: Carlos Amato - Provide FTE broken out by full-time and part-time. Provide average and peak visitor count.	not started	100% CD	ECO	n/a	n/a	n/a	n/a
			PIf3.02	ECO	Review, complete, and sign-off.	pending PIf3.01	100% CD + 30	GBCI				
			PIf3.03	GBCI	Certify compliance.	pending design phase submittal						
PIf4	D	Schedule and Overview Requirements	PIf4.01	CD	Task Assigned to: Greg Bennett - Provide interior/exterior renderings or drawings. Provide all CDs.	not started	100% CD	ECO	n/a	n/a	n/a	n/a
			PIf4.02	ECO	Review, complete, and sign-off.	pending PIf4.01	100% CD + 30	GBCI				
			PIf4.03	GBCI	Certify compliance.	pending design phase submittal						

Sustainable Sites - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
SSp1	C	Construction Activity Pollution Prevention	SSp1.01	KC	Develop SWPPP document and drawing(s). Provide in PDF format. Provide a brief narrative describing erosion and sedimentation control measures planned for the project. Implement SWPPP and document compliance with inspection reports and photos.	in progress	NTP	ECO	prereq	prereq	prereq	☐
			SSp1.02	ECO	Review and submit online documentation.	pending SSp1.01	Occ + 30	GBCI				
			SSp1.03	GBCI	Certify compliance.	pending construction phase submittal						
SSc1	D	Site Selection	SSc1.01	ECO	Site complies. Document and submit on LEED Online.	done	10/25/2010	GBCI	1	1	0	
			SSc1.02	GBCI	Certify compliance.	pending design phase submittal						
SSc2	D	Development Density and Community Connectivity	SSc2.01	ECO	Review and submit online documentation.	done	11/10/2010	GBCI	5	0	5	5
			SSc2.02	GBCI	Certify compliance.	pending design phase submittal						
SSc3	D	Brownfield Redevelopment			Site is not a brownfield.				1	0	0	0
SSc4.1	D	Alternative Transportation: Public Transportation Access	SSc4.1.01	ECO	Project site is served by Campus Shuttle and MTS routes 201 and 202. Accessible path distance between CP entrance & bus stop is 1342' (0.254 miles), field verified. We will "round" to 0.25 miles.	done	50% CD	CD	6	6	0	6
			SSc4.1.02	CD	Provide clearly signed route thru Thornton to CP.	pending	100% CD	ECO				
			SSc4.1.03	ECO	Document and submit on LEED Online.	done	3/28/2011	GBCI				
			SSc4.1.04	GBCI	Certify compliance.	pending design phase submittal						
SSc4.2	D	Alternative Transportation: Bicycle Storage & Changing Rooms	SSc4.2.01	CD	Provide bike racks to accommodate at least 2 bicycles. One shower/changing room is provided at Ground level. Document compliance on LEED Online.	done	100% CD	ECO	1	1	0	1
			SSc4.2.02	ECO	Review and submit online documentation.	done	3/16/2011	GBCI				
			SSc4.2.03	GBCI	Certify compliance.							
SSc4.3	D	Alternative Transportation: Low Emission & Fuel Efficient Vehicles	SSc4.3.01	CD	Designate 1 stall (CP lot only) as preferred parking for low-emitting/fuel-efficient cars. Locate preferred parking stall nearest to front entrance. Provide signage. Document on LEED Online, showing designated stall within scope. Coordinate with campus approach, see SSc4.3, ECBT.	not started	100% CD	ECO	3	3	0	0
			SSc4.3.02	ECO	Review and submit online documentation.	pending SSc4.3.01	100% CD + 30	GBCI				
			SSc4.3.03	GBCI	Certify compliance.	pending design phase submittal						
SSc4.4	D	Alternative Transportation: Parking Capacity	SSc4.4.01	ECO	Calculate max parking stalls per ITE Parking Generation Study: 32. Stalls provided: 15. Project complies.	done	6/13/2010	GBCI	2	2	0	0
			SSc4.4.02	CD	Designate 1 stall (CP lot only) as preferred parking for carpool/vanpool. This is in addition to preferred parking stall designated under SSc4.3.	not started	100% CD	ECO				
			SSc4.4.03	ECO	Review and submit online documentation.	pending SSc4.4.02	100% CD + 30	GBCI				
			SSc4.4.04	GBCI	Certify compliance.	pending design phase submittal						

Sustainable Sites - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
SSc5.1	D	Site Development: Protect or Restore Habitat	SSc5.1.01	UCSD	Provide UCSD Open Space Policy.	done	100% DD	ECO	1	1	0	0
			SSc5.1.02	ECO	Submit narrative to LEED Online, demonstrating that OSP meets credit Intent.	not started	100% CD + 30	GBCI				
			SSc5.1.03	GBCI	Certify compliance.	pending design phase submittal						
SSc5.2	D	Site Development: Maximize Open Space	SSc5.2.01	UCSD	Provide UCSD Open Space Policy.	done	100% DD	ECO	1	1	0	0
			SSc5.2.02	ECO	Submit narrative to LEED Online, demonstrating that OSP meets credit Intent. Zone is RS-1-14, with no open space requirements.	not started	100% CD + 30	GBCI				
			SSc5.2.03	GBCI	Certify compliance.	pending design phase submittal						
SSc6.1	D	Stormwater Design: Quantity Control Option 2	SSc6.1.01	BW	Determine feasibility of Option 2 compliance approach. Provide summary of design approach. <u>Document compliance on LEED Online.</u>	in progress	100% CD	ECO	1	1	0	0
			SSc6.1.02	ECO	Review and submit online documentation.	pending SSc6.1.01	100% CD + 30	GBCI				
			SSc6.1.03	GBCI	Certify compliance.	pending design phase submittal						
SSc6.2	D	Stormwater Design: Quality Control	SSc6.2.01	BW	Investigate treatment options for stormwater runoff. Address 90% of average annual rainfall. <u>Document compliance on LEED Online.</u>	in progress	100% CD	ECO	1	1	0	0
			SSc6.2.02	ECO	Review and submit online documentation.	pending SSc6.2.01	100% CD + 30	GBCI				
			SSc6.2.03	GBCI	Certify compliance.	pending design phase submittal						
SSc7.1	C	Heat Island Effect: Non-Roof	SSc7.1.01	CD	Verify that +50% of hardscape within the project scope is Portland cement concrete. <u>Send Ecotype CAD plans for hardscape area takeoffs</u>	in progress	100% CD	ECO	1	1	0	0
			SSc7.1.02	ECO	Submit online documentation.	pending SSc7.1.01	100% CD + 30	GBCI				
			SSc7.1.03	GBCI	Certify compliance.	pending design phase submittal						
SSc7.2	C	Heat Island Effect: Roof			Proposed roof design does not qualify.				1	0	0	0
SSc8	D	Light Pollution Reduction	SSc8.01	ECO	Determined that EXP-E is responsible for documenting credit.	not started	100% DD	EXP-E	1	1	0	0
			SSc8.02	EXP-E	Task Assigned to: Ethan Dickenson - Project is in LZ3 environmental lighting zone. Provide sweep controls for non-emergency lighting in fenestrated spaces. Do not exceed 80% of allowable LPD for exterior spaces and 50% for facades and landscapes. Use full cutoff fixtures and control light trespass. Exterior uplighting in excess of 90 deg nadir to account for less than 5% total initial design lumens. <u>Provide site photometric, controls sequence of operations, luminaire schedule.</u>	in progress	100% CD	ECO				
			SSc8.03	ECO	Review and submit online documentation.	pending SSc8.02	100% CD + 30	GBCI				
			SSc8.04	GBCI	Certify compliance.	pending design phase submittal						
subtotal									26	19	5	12

Prerequisite has not been satisfied.

Water Efficiency - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
WEp1	D	Water Use Reduction	WEp1.01	EXP-P	Task Assigned to: Steve Dalo - Specify the following fixtures: 1.28 GPF waterclosets, 0.125 GPF urinals, 0.5 GPM lavatory faucets with sensors.	in progress	100% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			WEp1.02	UCSD	Reclaimed water for sewage conveyance: strategy tabled unless needed.	not pursuing	100% CD	ECO				
			WEp1.03	ECO	Review, run calcs, and submit online documentation.	pending WEp1.01, .02	100% CD + 30	GBCI				
			WEp1.04	GBCI	Certify compliance.	pending design phase submittal						
WEc1	D	Water Efficient Landscaping	WEc1.01	BW	Coordinate reclaimed water line as shown on sheet L5040.	in progress	100% CD	BC	4	4	0	0
			WEc1.02	BC	Minimize or eliminate turfgrass, specify drought-tolerant plant species. Drip irrigation wherever feasible. Specify weather-data irrigation controller. Reduce landscape irrigation by 50%, per LEED calculation methodology. Use reclaimed water for all remaining irrigation.	done	100% DD	ECO				
			WEc1.03	ECO	Develop narrative explaining OSHPD restriction against reclaimed water at terrace irrigation. Provide calcs. Review and submit online documentation.	not started	100% CD + 30	GBCI				
			WEc1.04	GBCI	Certify compliance.	pending design phase submittal						
WEc2	D	Innovative Wastewater Technologies	WEc2.01	UCSD	Confirmed that reclaimed water is available for sewage conveyance.	done	50% CD	EXP-P	2	0	2	0
			WEc2.02	EXP-P	See WEp1.02 above.	pending WEp1.02	100% CD	ECO				
			WEc2.03	ECO	Review, run calcs, and submit online documentation.	pending WEc2.02	100% CD + 30	GBCI				
			WEc2.04	GBCI	Certify compliance.	pending design phase submittal						
WEc3	D	Water Use Reduction	WEc3.01	EXP-P	See WEp1.01 above.	in progress	100% CD	ECO	4	3	1	0
			WEc3.02	CL	See WEp1.01 above.	in progress	100% CD	ECO				
			WEc3.03	ECO	Review and submit online documentation.	pending WEp1.03, .04	100% CD + 30	GBCI				
			WEc3.04	GBCI	Certify compliance.	pending design phase submittal						
subtotal									10	7	3	0

Prerequisite has not been satisfied.

Energy & Atmosphere - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EAp1	C	Fundamental Commissioning of Building Energy Systems	EAp1.01	UCSD	CxA scope will be available in the 50% CD spec. CxA to start no later than 50% CD for EAc3. -	in progress	100% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp1.02	ECO	Review for LEED compliance.	pending EAp1.01	100% DD + 10	CxA				
			EAp1.03	CxA	Provide commissioning services. Document on LEED Online.	pending Cx NTP	Occ + 60	ECO				
			EAp1.04	ECO	Review and submit online documentation.	pending EAp1.03	Occ + 90	GBCI				
			EAp1.05	GBCI	Certify compliance.	pending construction phase submittal						
EAp2	D	Minimum Energy Performance	EAp2.01	EXP-M	Task Assigned to: Justin Yurasek - Deliver energy performance percentages to ECO based on EnergyPro model. Verify that project performs a minimum of 10% better than ASHRAE 90.1-2007. Seek higher if possible within cost, lifecycle cost, performance, and M&O constraints. Determine baseline electricity cost, either county average (preferable approach) or actual cost of power purchased from main campus.	in progress	100% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp2.02	ECO	Review reports.	pending EAp2.01	100% DD + 30	EXP-M				
			EAp2.03	EXP-M	Provide complete energy model reports. Document results on LEED Online.	pending EAp2.02	100% CD	ECO				
			EAp2.04	ECO	Review and submit online documentation.	pending EAp2.03	100% CD + 30	GBCI				
			EAp2.05	GBCI	Certify compliance.	pending design phase submittal						
EAp3	D	Fundamental Refrigerant Management	EAp3.01	EXP-M	Task Assigned to: Doug Stewart - Provide cut sheets of mechanical equipment with refrigerant types and charges (lbs/ton) clearly indicated. No CFC-based refrigerants will be used in the project. Specify low-ODP, low-GWP refrigerants. Minimize length of refrigerant runs on split systems.	in progress	100% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EAp3.04	ECO	Review all schedules. Provide calcs, document on LEED Online.	pending EAp3.01,.02,.03	100% CD + 30	GBCI				
			EAp3.05	GBCI	Certify compliance.	pending design phase submittal						
EAc1	D	Optimize Energy Performance			See process described in EAp2 above.				19	4	4	0
			EAc1.01	ECO	Review and submit online documentation.	pending EAp2.03	100% CD + 30	GBCI				
			EAc1.02	GBCI	Certify compliance.	pending design phase submittal						
EAc2	D	On-Site Renewable Energy			Not Pursuing				7	0	0	0
					See process described in EAp1 above.							
EAc3	C	Enhanced Commissioning	EAc3.01	CxA	Provide commissioning services. Document on LEED Online. Provide copy of Work Agreement describing off-season testing and warranty scope.	in progress	Occ + 60	ECO	2	2	0	0
			EAc3.02	ECO	Review and submit online documentation.	pending EAc3.01	Occ + 90	GBCI				
			EAc3.03	GBCI	Certify compliance.	pending construction phase submittal						
EAc4	D	Enhanced Refrigerant Management			See process described in EAp3 above.				2	2	0	0
			EAc4.04	ECO	Review all schedules. Provide calcs, document on LEED Online.	pending EAp3.01,.02,.03	100% CD + 30	GBCI				
			EAc4.05	GBCI	Certify compliance.	pending design phase submittal						

Energy & Atmosphere - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EAc5	D	Measurement & Verification			Not Pursuing based on cost.				3	0	0	0
EAc6	C	Green Power			Pursue only if necessary for points. EXP: can you provide estimated annual energy in kWh & therms? There's no appropriate EnergyStar building type to compare to.				2	0	2	0
subtotal									35	8	6	0

Prerequisites have not been satisfied.

Materials & Resources - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
MRp1	D	Storage & Collection of Recyclables	MRp1.01	UCSD	If there are any built-in trash receptacles or alcoves, provide separate space for recyclables. At loading dock, provide clearly marked area for collection of recyclables. Coordinate with Facilities & Services.	in progress	100 % CD	ECO	prereq	prereq	prereq	0
			MRp1.02	UCSD	Task Assigned to: Randal Slane - Coordinate w/ Lerch Bates Provide pickup frequencies.	not started	100% CD	ECO				
			MRp1.03	ECO	Review and submit online documentation.	pending MRp1.01,.02	100% CD + 30	GBCI				
			MRp1.04	GBCI	Certify compliance.	pending design phase submittal						
MRc1.1	D	Building Reuse: Maintain Existing Walls, Floors, & Roof			Not possible for this project.				3	0	0	0
MRc1.2	D	Building Reuse: Maintain Interior Non-Structural Elements			Not possible for this project.				1	0	0	0
MRc2	C	Construction Waste Management	MRc2.01	ECO	Provide CWM specification.	done	100% DD	CD	2	2	0	0
			MRc2.02	CD	Review and incorporate CWM spec.	in progress	100% CD	KC				
			MRc2.03	KC	Review CWM spec. Provide CWM Plan. Implement Plan. Begin documentation on LEED Online.	pending MRc2.02	NTP + 10	ECO				
			MRc2.04	ECO	Review and submit online documentation.	pending MRc2.03	Occ + 30	GBCI				
			MRc2.05	GBCI	Certify compliance.	pending construction phase submittal						
MRc3	C	Materials Reuse			Not feasible for this project.				2	0	0	0
MRc4	C	Recycled Content	MRc4.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	2	1	1	0
			MRc4.02	ECO	Review cost model/estimate for big-ticket items that may qualify the project for this credit. Develop LEED specification language and submittal template. At this time, we will not include furnishings in the calculations.	in progress	100% CD	CD				
			MRc4.03	CD	Review, edit, & provide comments on specification additions.	pending MRc4.02	100% CD	KC				
			MRc4.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc4.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc4.04	Occ + 30	GBCI				
			MRc4.06	GBCI	Certify compliance.	pending construction phase submittal						
MRc5	C	Regional Materials	MRc5.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	2	1	1	0
			MRc5.02	ECO	Review cost model/estimate for big-ticket items that may qualify the project for this credit. Develop LEED specification language and submittal template. At this time, we will not include furnishings in the calculations.	in progress	100% CD	CD				
			MRc5.03	CD	Review, edit, & provide comments on specification additions.	pending MRc5.02	100% CD	KC				
			MRc5.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc5.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc5.04	Occ + 30	GBCI				
			MRc5.06	GBCI	Certify compliance.	pending construction phase submittal						
MRc6	C	Rapidly Renewable Materials			Not pursuing due to cost/performance issues.				1	0	0	0

Materials & Resources - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Final Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
MRc7	C	Certified Wood	MRc7.01	CD	Provide cost model/estimate to ECO. Greg has DVD.	done	6/1/2010	ECO	1	1	0	0
			MRc7.02	ECO	Identify all materials containing virgin-content wood. Develop LEED specification language for these materials.	in progress	100% CD	CD				
			MRc7.03	CD	Review, edit, & provide comments on specification additions.	pending MRc7.02	100% CD	KC				
			MRc7.04	KC	Provide recycled content submittals for all specified materials.	pending NTP	Occupancy	ECO				
			MRc7.05	ECO	Review submittals, compile, calculate, document with GBCI.	pending MRc7.04	Occ + 30	GBCI				
			MRc7.06	GBCI	Certify compliance.	pending construction phase submittal						
subtotal									14	5	2	0

Prerequisite has not been satisfied.

Indoor Environmental Quality - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQp1	D	Minimum IAQ Performance	EQp1.01	EXP-M	Doug Stewart confirmed EXP is responsible for providing calcs and credit documentation to LEED online. Comply with Sections 4-7 of ASHRAE 62.1-2007: Section 4. Outdoor Air Quality assessment, Section 5. Design systems & equipment for compliance and provide specification language that is compliant with Section 5, 6. Design ventilation to meet or exceed requirements, 7. Provide specification language that is compliant with Section 7. Document on LEED Online.	in progress	100% CD	ECO	prereq	prereq	prereq	<input type="checkbox"/>
			EQp1.02	ECO	Review drawings, specs, and ventilation calcs for compliance. Review and submit online documentation.	pending EQp1.01	100% CD + 30	GBCI				
			EQp1.03	GBCI	Certify compliance.	pending design phase submittal						
EQp2	D	Environmental Tobacco Smoke Control	EQp2.01	CD	UCSD Med Center smoking policy is compliant. Submit online documentation.	in progress	100% CD + 30	GBCI	prereq	prereq	prereq	<input checked="" type="checkbox"/>
			EQp2.02	GBCI	Certify compliance.	pending design phase submittal						
EQc1	D	Outdoor Air Delivery Monitoring	EQc1.01	EXP-M	Doug Stewart confirmed that requirements will be incorporated into 100% CD set. Provide wall-mounted CO2 monitors in all zones with occupant density equal to or exceeding 25 per 1000 sf. Provide direct outflow measurement device capable of measuring air intake flow on all mechanical ventilation systems where 20% or more of the design supply airflow serves zones with occupant density less than 25 per 1000 sf. Verify where CO2 monitors are called out in dwgs. Document on LEED Online.	in progress	100% CD	ECO	1	1	0	0
			EQc1.02	ECO	Review and submit online documentation.	pending EQc1.01	100% CD + 30	GBCI				
			EQc1.03	GBCI	Certify compliance.	pending design phase submittal						
EQc2	D	Increased Ventilation	EQc2.01	EXP-M	Task Assigned to: Doug Stewart- Verify if OSHPD ventilation requirements exceed ASHRAE 62.1 by a minimum 30%. If yes, we will pursue this credit. We will not intentionally design the project to comply, due to the impact on energy efficiency. Credit feasibility known by end of June.	pending	100% CD + 30	ECO	1	0	1	0
			EQc2.02	ECO	Review drawings, specs, and ventilation calcs for compliance. Review and submit online documentation.	pending EQc2.01	100% CD + 30	GBCI				
			EQc2.03	GBCI	Certify compliance.	pending design phase submittal						
EQc3.1	C	Construction IAQ Management Plan: During Construction	EQc3.1.01	KC	Provide copy of CVC Construction Indoor Air Quality (CIAQ) Plan.	done	6/15/2010	ECO				
			EQc3.1.02	ECO	Review KC CIAQ Plan. Provide CIAQ specification section and communicate documentation requirements to KC.	done	100% DD	KC				
			EQc3.1.03	KC	Review, edit, & provide final Plan. Implement Plan. Begin documentation on LEED Online.	pending NTP	NTP + 10	ECO	1	1	0	0
			EQc3.1.04	ECO	Review and submit online documentation.	pending EQc3.1.04	Occ + 30	GBCI				
			EQc3.1.05	GBCI	Certify compliance.	pending construction phase submittal						

Indoor Environmental Quality - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc3.2	C	Construction IAQ Management Plan: Before Occupancy	EQc3.2.01	KC	Include requirements in CIAQ Plan. Include scheduling requirements and calcs. Allow for building flush out (BFO) in construction schedule. Provide BFO procedure to EXP-M for review and approval.	not started	NTP + 30	EXP-M	1	1	0	0
			EQc3.2.02	EXP-M	Review KC BFO Procedure for impact on systems. Approve or recommend.	pending EQc3.2.01	NTP+ 90	KC				
			EQc3.2.03	KC	Implement BFO. Record procedures, temp, & RH.	pending SC	SC + 30	ECO				
			EQc3.2.04	ECO	Review and submit online documentation.	pending EQc3.2.03	Occ + 30	GBCI				
			EQc3.2.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.1	C	Low-Emitting Materials: Adhesives & Sealants	EQc4.1.01	ECO	Develop LEED specification language and submittal template.	done	100% DD	CD	1	1	0	0
			EQc4.1.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.1.01	100% CD	KC				
			EQc4.1.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.1.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.1.03	Occ + 30	GBCI				
			EQc4.1.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.2	C	Low-Emitting Materials: Paints & Coatings	EQc4.2.01	ECO	Develop LEED specification language and submittal template. Prepare VOC tracking log for VOC Budget compliance approach.	in progress	100% CD	CD	1	1	0	0
			EQc4.2.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.2.01	100% CD	KC				
			EQc4.2.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.2.04	ECO	Review submittals, compile, calculate via VOC Budget method, document on LEED Online and submit to GBCI.	pending EQc4.2.03	Occ + 30	GBCI				
			EQc4.2.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.3	C	Low-Emitting Materials: Carpet Systems	EQc4.3.01	ECO	Develop LEED specification language and submittal template.	in progress	100% CD	CD	1	1	0	0
			EQc4.3.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.3.01	100% CD	KC				
			EQc4.3.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.3.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.3.03	Occ + 30	GBCI				
			EQc4.3.05	GBCI	Certify compliance.	pending construction phase submittal						
EQc4.4	C	Low-Emitting Materials: Composite Wood & Agrifiber Products	EQc4.4.01	ECO	Develop LEED specification language and submittal template.	in progress	100% CD	CD	1	1	0	0
			EQc4.4.02	CD	Review, edit, & provide comments on specification additions.	pending EQc4.4.01	100% CD	KC				
			EQc4.4.03	KC	Provide submittals with required back-up documentation per spec.	pending NTP	Occ	ECO				
			EQc4.4.04	ECO	Review submittals, compile, document on LEED Online and submit to GBCI.	pending EQc4.4.03	Occ + 30	GBCI				
			EQc4.4.05	GBCI	Certify compliance.	pending construction phase submittal						

Indoor Environmental Quality - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc5	D	Indoor Chemical & Pollutant Source Control	EQc5.01	CD	Task Assigned to Curtis Bywater: Confirm that planned grates are 10' long in P.O.T. Provide permanent walk-off grates at all major entrances, minimum 10' long along POT. Provide door closers and sealed deck-to-deck partitions wherever hazardous chemical use occurs. <u>Provide door hardware schedule.</u>	in progress	100% CD	ECO	1	1	0	0
			EQc5.02	CD	Task Assigned to: JT Hsu - Identify which rooms will store or utilize hazardous chemicals, as defined by LEED. (soiled utility areas, like loading dock interior bays?, sterilization and disinfection areas, housekeeping/laundry, work rooms).	not started	100% CD	ECO				
			EQc5.03	EXP-M	Task Assigned to: Justin Yurasek- At spaces where hazardous chemical use occurs (defined by CD), provide exhaust capable of providing minimum 1 Pa average, 5 Pa negative pressure. Provide MERV 13 air filters at all air handling units. <u>Check AHUs 1,3,4, & 5.</u>	pending EQc5.01	100% CD	ECO				
			EQc5.05	ECO	Review and submit online documentation.	pending EQc5.01,.02,.03	100% CD + 30	GBCI				
			EQc5.06	GBCI	Certify compliance.	pending design phase submittal						
			EQc6.1	D	Controllability of Systems: Lighting	EQc6.1.01	ECO	Determined that EXP-E is responsible for documentation of this credit.				
EQc6.1.02	EXP-E	Task Assigned to: Ethan Dickenson - Provide dimmable or task lighting in private offices and any other single-occupant occupied spaces. In multi-occupant office spaces, provide task lighting at workstations. Provide multi-scene dimming (minimum two modes: general and A/V) in conference and other multi-user rooms. <u>Verify if task-lighting will be provided for Construction Crew Office.</u>	in progress	100% CD	ECO							
EQc6.1.03	ECO	Review and document with GBCI.		100% CD + 30	GBCI							
EQc6.1.04	GBCI	Certify compliance.										
EQc6.2	D	Controllability of Systems: Thermal Comfort			Not Pursuing				1	0	0	0
EQc7.1	D	Thermal Comfort: Design	EQc7.1.01	EXP-M	Design all occupied spaces to meet ASHRAE 55 requirements. Provide design assumptions, including: operating hours, setpoints, safety factor, diversity factor, and HVAC load calcs. Document on LEED Online.	in progress	100% CD	ECO	1	1	0	0
			EQc7.1.02	ECO	Review and document with GBCI.	pending EQc7.1.01	100% CD + 30	GBCI				
			EQc7.1.03	GBCI	Certify compliance.	pending design phase submittal						
EQc7.2	D	Thermal Comfort: Verification	EQc7.2.01	UCSD	Approve pursuit of EQ credit 7.2	in progress	100% CD	ECO	1			1
			EQc7.2.02	ECO	Draft Thermal Comfort Survey/ Thermal Comfort Plan	pending EQc7.2.01	100% CD	CD				
			EQc7.2.03	CD	Review and approve TCS/TCP.	pending EQc7.2.02	100% CD	ECO				
			EQc7.2.04	EXP-M	BMS system will trend temp & RH data and monitor compliance withASHRAE 55. Document control sequences in CDs.	in progress	100% CD	ECO				
			EQc7.2.05	ECO	Review and document with GBCI.	pending EQc7.2.02,.03	100% CD + 30	GBCI				
			EQc7.2.06	GBCI	Certify compliance.	pending design phase submittal						

Indoor Environmental Quality - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
EQc8.1	D	Daylight and Views: Daylight 75% of Spaces	EQc8.1.01	CD	Task Assigned to: Joe O'Neil - Provide glazing performance data (% opaque frit, VLT).	in progress	100% DD	ECO	1	1	0	0
			EQc8.1.02	ECO	Identify room types to test with LEED daylight factor approach. Spaces that fail DF approach will be tested using Ecotect & Daysim.	pending EQc8.1.01	100% CD	CD				
			EQc8.1.03	CD	Provide BIM model of spaces to be tested by model.	pending EQc8.1.02	100% CD + 30	ECO				
			EQc8.1.04	ECO	Test remaining spaces by model. Document on LEED Online.	pending EQc8.1.03	100% CD + 30	GBCI				
			EQc8.1.05	GBCI	Certify compliance.	pending design phase submittal						
EQc8.2	D	Daylight and Views: views for 90% of Spaces	EQc8.1.01	ECO	Define occupied spaces. Review furniture plans for line-of-sight. Analyze and document on LEED Online.	in progress	100% CD	GBCI	1	1	0	0
			EQc8.1.02	GBCI	Certify compliance.	pending design phase submittal						
subtotal									15	12	2	0

Prerequisites have not been satisfied.

Innovation & Design Process - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		
										Targeted	Pending	Documented
IDc1.1	D	Innovation: Process Water Use Reduction	IDc1.1.01	EXP-M	Task Assigned to: Justin Yurasek- Proceed with design for reclaimed water in cooling tower. Investigate process water reduction strategies: hydronic heating & cooling, etc. Propose conservation solutions and methods for establishing a baseline to measure against. Goal is to reduce process water by 20%.	not started	100% CD	ECO	1	0	1	0
			IDc1.1.02	ECO	Apply for ID Innovation credit, compile all conservation data, run calcs, document and submit to GBCI.	pending IDc1.1.01, .02	100% CD + 30	GBCI				
			IDc1.1.03	GBCI	Certify compliance.	pending design phase submittal						
IDc1.2	D	Pilot: Cooling Tower Makeup Water	IDc1.2.01	EXP-M	Task Assigned to: Doug Stewart- Refer to pilot credit 17 to determine if facility can meet requirements.	not started	50% CD	ECO	1	0	1	
			IDc1.2.02	ECO	Apply for LEED Pilot Credit.	pending IDc1.2.01	50% CD + 30	GBCI				
			IDc1.2.03	GBCI	Approve Pilot Credit application.	pending IDc1.2.02		EXP-M				
			IDc1.2.04	EXP-M	Design system to comply.	pending IDc1.2.01	100% CD	ECO				
			IDc1.2.05	ECO	Review and submit to GBCI.	pending IDc1.2.04	100% CD + 30	GBCI				
			IDc1.2.06	GBCI	Certify compliance.	pending design phase submittal						
IDc1.3	C	Innovation: Reduced Mercury in Lamps	IDc1.3.01	ECO	Review 100% DD lighting to determine feasibility to pursue. If lighting performance is compromised by the use of low- or no-mercury lamps, we will not pursue. Send cost and performance comparisons of typical T-8 lamps vs. low-mercury T8 lamps to Jim Cleaton	not started	100% DD + 30	UCSD	1	0	1	0
			IDc1.3.02	UCSD	Coordinate with Facilities & Services. OK to stock low-mercury?	pending IDc1.3.01	100% CD	ECO				
			IDc1.3.03	ECO	Provide low-mercury lamp specification.	pending IDc1.3.02	50% CD + 30	CD				
			IDc1.3.04	CD	Incorporate spec edits.	pending IDc1.3.03	100% CD	ECO				
			IDc1.3.05	ECO	Inventory of stockpiled lamps upon SC. Run calcs and document with GBCI.	pending SC	SC + 30	GBCI				
			IDc1.3.06	GBCI	Certify compliance.	pending construction phase submittal						
IDc1.4	C	Innovation: Construction IAQ Management Plan: Green Cleaning	IDc1.4.01	ECO	Provide Green Cleaning requirements for inclusion in specs and CIAQ Plan. Requirements will include cleaning products that meet Green Seal GS-37, floor cleaners complying with SCAQMD, and supplies meeting minimum guidelines of US EPA Comprehensive Procurement Guidelines.	in progress	100% CD	KC	1	1	0	0
			IDc1.4.02	KC	Implement CIAQ Cleaning. Provide CIAQ submittals per specs (photographs, MSDS, product data sheets).	pending SC	Occ	ECO				
			IDc1.4.03	ECO	Review submittals, compile, document with GBCI.	pending IDc1.4.02	Occ + 30	GBCI				
			IDc1.4.04	GBCI	Certify compliance.	pending construction phase submittal						
IDc1.5	D	Exemplary Performance: Water Use Reduction	IDc1.5.01	UCSD	Not pursuing - requires reclaimed water for sewage conveyance?				1	0	0	0
IDc2	C	LEED Accredited Professional	IDc2.01	ECO	Document on LEED Online.	not started	100% CD + 30	GBCI	1	1	0	0
			IDc2.02	GBCI	Approve.							
subtotal									6	2	3	0

Regional Priority, 92037 - CP

100% Construction Documents

Credit	Design / Const	Description	Task No.	Responsible	Task	Status	Due By	Follow Up	Points Possible	Points		Points Documented
										Targeted	Pending	
RPc1 (SSc4.1)	D	Alternative Transportation: Public Transportation Access			See SSc4.1.				1	1	0	0
RPc1 (SSc7.1)	D	Heat Island Effect: Non-Roof			See SSc7.1.				1	1	0	0
RPc1 (WEc2)	D	Innovative Wastewater Technologies			See WEc2.				1	0	1	0
RPc1 (WEc3 40%)	D	Water Use Reduction			See WEc3.				1	0	1	
RPc1 (EA2 1%)	D	On-Site Renewable Energy			Not Pursuing				1	0	0	0
RPc1 (EQc8.1)	D	Daylight and Views: Daylight 75% of Spaces			See EQc8.1.				1	1	0	0
subtotal									4	3	1	0