



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 Section | Points Possible | Points | | Points Documented | Prerequisites |
|------------------------------|-----------------|-----------|------------------|-------------------|---------------------------|
| | | Targeted | Further Analysis | | |
| Sustainable Sites | 26 | 17 | 8 | 2 | SS prerequisite pending. |
| Water Efficiency | 10 | 7 | 1 | 0 | WE prerequisite pending. |
| Energy & Atmosphere | 35 | 4 | 6 | 0 | EA prerequisites pending. |
| Materials & Resources | 14 | 5 | 2 | 0 | MR prerequisite pending. |
| Indoor Environmental Quality | 15 | 11 | 4 | 0 | EQ prerequisites pending. |
| Innovation & Design Process | 6 | 4 | 2 | 0 | No prerequisites. |
| Regional Priority | 4 | 2 | 2 | 0 | No prerequisites. |
| Total | 110 | 50 | 25 | 2 | 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 & Constructi | 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 |



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Jacobs Medical Center
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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 | 1 | 1 | 0 | 0 |
| | | | 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 | | | | |
| | | | 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 | | | | |
| | | | 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 |