

**RESPONSIBILITY & DOCUMENTATION**

7/16/2013

MCC - MCCARTHY



CA - COMMISSIONING AGENT

BW - BURKETT WONG SP - SPURLOCK POIRIER

UCSD Health Sciences Biomedical Research Facility 2

LEED NC v 2.2 Checklist

| 47 4 5 11                      |            |  |                | Total Project Points        |            |  |                   | Certified 26-32, Silver 33-38, Gold 39-51, Platinum 52+ |            |  |                    |
|--------------------------------|------------|--|----------------|-----------------------------|------------|--|-------------------|---|------------|--|--------------------|
| Y                              | ?Y         | ?N   | N              | Y                           | ?Y         | ?N   | N                 | Y   | ?Y         | ?N   | N                  |
| 10                             | 2          | 1  | 3              | 6                           | 1          | 1  | 5                 | Materials & Resources                                   |            |  |                    |
| Y                              |            |  |                | Y                           |            |  |                   | d   | Prereq 1   | Storage and Collection of Recyclables                            | ZGF                |
| 1                              |            |  |                |                             |            |  | 1                 | d   | Credit 1.1 | Building Reuse: Maintain 75% of Existing Walls, Floors, & Roof   | x                  |
| 1                              |            |  |                |                             |            |  | 1                 | d   | Credit 1.2 | Building Reuse: Maintain 95% of Existing Walls, Floors, & Roof   | x                  |
|                                |            |  | 1              |                             |            |  | 1                 | d   | Credit 1.3 | Building Reuse: Maintain 50% of Interior Non-Structural Elements | x                  |
| 1                              |            |  |                | 1                           |            |  |                   | c   | Credit 2.1 | Construction Waste Management: Divert 50% from Disposal          | MCC                |
| 1                              |            |  |                | 1                           |            |  |                   | c   | Credit 2.2 | Construction Waste Management: Divert 75% from Disposal          | MCC                |
| 1                              |            |  |                |                             |            |  | 1                 | c   | Credit 3.1 | Material Reuse: 5%   | x                  |
| 1                              |            |  |                |                             |            |  | 1                 | c   | Credit 3.2 | Material Reuse: 10%  | x                  |
|                                |            | 1  |                | 1                           |            |  |                   | c   | Credit 4.1 | Recycled Content: 10% (post-consumer + 1/2 pre-consumer)         | MCC                |
| 1                              |            |  |                | 1                           |            |  |                   | c   | Credit 4.2 | Recycled Content: 20% (post-consumer + 1/2 pre-consumer)         | MCC                |
|                                |            |  | 1              | 1                           |            |  |                   | c   | Credit 5.1 | Regional Materials: 10% Extracted, Processed, and Mfg Regionally | MCC                |
| 1                              |            |  |                |                             | 1          |  |                   | c   | Credit 5.2 | Regional Materials: 20% Extracted, Processed, and Mfg Regionally | MCC                |
| 1                              |            |  |                |                             |            | 1  |                   | c   | Credit 6   | Rapidly Renewable Materials                                      | MCC                |
|                                |            |  | 1              | 1                           |            |  |                   | c   | Credit 7   | Certified Wood   | MCC                |
| <b>Sustainable Sites</b>       |            |  |                | <b>Water Efficiency</b>     |            |  |                   | <b>Indoor Environmental Quality</b>                     |            |  |                    |
| c                              | Prereq 1   | Construction Activity Pollution Prevention                           | MCC/BW         | d                           | Credit 1.1 | Water Efficient Landscaping: Reduce by 50%                         | ZGF/SP: Deferr.?  | d   | Prereq 1   | Minimum IAQ Performance  | IBE                |
| d                              | Credit 1   | Site Selection   | ZGF/BW/UCSD    | d                           | Credit 1.2 | Water Efficient Landscaping: No Potable Water Use or No Irrigation | ZGF/SP: Deferr.?  | d   | Prereq 2   | Environmental Tobacco Smoke (ETS) Control                        | UCSD               |
| d                              | Credit 2   | Development Density & Community Connectivity                         | ZGF            | d                           | Credit 2   | Innovative Wastewater Technology                                   | IBE/SP/ZGF: Def.? | d   | Credit 1   | Outdoor Air Delivery Monitoring                                  | IBE                |
| d                              | Credit 3   | Brownfield Redevelopment   | x              | d                           | Credit 3.1 | Water Use Reduction: 20% Reduction                                 | IBE               | d   | Credit 2   | Increased Ventilation  | IBE                |
| d                              | Credit 4.1 | Alternative Transportation: Public Transportation Access             | ZGF            | d                           | Credit 3.2 | Water Use Reduction: 30% Reduction                                 | IBE               | c   | Credit 3.1 | Construction IAQ Management Plan: During Construction            | MCC                |
| d                              | Credit 4.2 | Alternative Transportation: Bicycle Storage & Changing Rooms         | ZGF            |                             |            |  |                   | c   | Credit 3.2 | Construction IAQ Management Plan: Before Occupancy               | MCC                |
| d                              | Credit 4.3 | Alternative Transportation: Low-Emitting and Fuel-Efficient Vehicles | UCSD: Deferred |                             |            |  |                   | c   | Credit 4.1 | Low-Emitting Materials: Adhesives & Sealants                     | MCC                |
| d                              | Credit 4.4 | Alternative Transportation: Parking Capacity                         | ZGF            |                             |            |  |                   | c   | Credit 4.2 | Low-Emitting Materials: Paints & Coatings                        | MCC                |
| c                              | Credit 5.1 | Site Development: Protect or Restore Habitat                         | x              |                             |            |  |                   | c   | Credit 4.3 | Low-Emitting Materials: Carpet Systems                           | MCC                |
| d                              | Credit 5.2 | Site Development: Maximize Open Space                                | ZGF/UCSD       |                             |            |  |                   | c   | Credit 4.4 | Low-Emitting Materials: Composite Wood & Agrifiber Products      | MCC                |
| d                              | Credit 6.1 | Stormwater Design: Quantity Control                                  | x              |                             |            |  |                   | d   | Credit 5   | Indoor Chemical and Pollutant Source Control                     | ZGF/IBE            |
| d                              | Credit 6.2 | Stormwater Design: Quality Control                                   | ZGF/BW         |                             |            |  |                   | d   | Credit 6.1 | Controllability of Systems: Lighting                             | IEC/ZGF            |
| c                              | Credit 7.1 | Heat Island Effect: Non-Roof   | ZGF/MCC        |                             |            |  |                   | d   | Credit 6.2 | Controllability of Systems: Thermal Comfort                      | IBE/ZGF            |
| d                              | Credit 7.2 | Heat Island Effect: Roof   | ZGF            |                             |            |  |                   | d   | Credit 7.1 | Thermal Comfort: Design  | IBE                |
| d                              | Credit 8   | Light Pollution Reduction  | IEC/ZGF        |                             |            |  |                   | d   | Credit 7.2 | Thermal Comfort: Verification                                    | IBE/ZGF/UCSD: Def. |
|                                |            |  |                |                             |            |  |                   | d   | Credit 8.1 | Daylight and Views: Daylight 75% of Spaces                       | ZGF                |
|                                |            |  |                |                             |            |  |                   | d   | Credit 8.2 | Daylight and Views: Views for 90% of Spaces                      | ZGF                |
| <b>Energy &amp; Atmosphere</b> |            |  |                | <b>Innovation in Design</b> |            |  |                   |   |            |  |                    |
| c                              | Prereq 1   | Fundamental Commissioning of the Building Energy Systems             | CA/UCSD        | d                           | Credit 1.1 | Innovation in Design - Daylight 95% of Spaces                      | ZGF               |   |            |  |                    |
| d                              | Prereq 2   | Minimum Energy Performance   | IBE/Deferred   | d                           | Credit 1.2 | Innovation in Design - 40% Water Use Reduction                     | IBE/Deferred      |   |            |  |                    |
| d                              | Prereq 3   | Fundamental Refrigerant Management                                   | IBE            | d                           | Credit 1.3 | Innovation in Design - Building Relocation                         | ZGF/MCC           |   |            |  |                    |
| d                              | Credit 1.1 | Optimize Energy Performance: 14% new or 7% Existing (2 points)       | IBE/Deferred   | d                           | Credit 1.4 | Innovation in Design - Green Cleaning                              | UCSD              |   |            |  |                    |
| d                              | Credit 1.2 | Optimize Energy Performance: 21% new or 14% Existing (2 points)      | IBE/Deferred   | c                           | Credit 2   | LEED Accredited Professional                                       | ZGF               |   |            |  |                    |
| d                              | Credit 1.3 | Optimize Energy Performance: 28% new or 21% Existing (2 points)      | IBE/Deferred   |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 1.4 | Optimize Energy Performance: 35% new or 28% Existing (2 points)      | IBE/Deferred   |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 1.5 | Optimize Energy Performance: 42% new or 35% Existing (2 points)      | IBE            |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 2.1 | On-Site Renewable Energy: 2.5%                                       | UCSD: Deferred |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 2.2 | On-Site Renewable Energy: 7.5%                                       | UCSD/Deferred  |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 2.3 | On-Site Renewable Energy: 12%  | UCSD           |                             |            |  |                   |   |            |  |                    |
| c                              | Credit 3   | Enhanced Commissioning   | CA/UCSD        |                             |            |  |                   |   |            |  |                    |
| d                              | Credit 4   | Enhanced Refrigerant Management                                      | IBE            |                             |            |  |                   |   |            |  |                    |
| c                              | Credit 5   | Measurement & Verification   | UCSD           |                             |            |  |                   |   |            |  |                    |
| c                              | Credit 6   | Green Power  | UCSD           |                             |            |  |                   |   |            |  |                    |

 Designates targeted credit for desired Platinum certification  
 Approved credit per Design Review submission.

c Credit 1 Innovation in Design - 95% Construction Waste MCC  
 c Credit 1 Innovation in Design - Environmental Education UCSD/ZGF  
 c Credit 1 Innovation in Design - 95% FSC Wood MCC/ZGF  
 c Credit 1 Innovation in Design - Commission & Test Fume Hoods UCSD  
 c Credit 1 Innovation in Design - Transportation Demand Management