

# LEED for New Construction and Major Renovation 2009

**Project:** CSU Laurel Village - Residence Halls  
**Last Updated:** 5/20/2015  
**Goal: Gold** LEED Gold



THIS PROJCT HAS ACHIEVED LEED GOLD CERTIFICATION!

Yes	Strong ?	Weak ?	No	N/A
65			40	5

Current Yes's = Gold Rating

Y
Y
Y
Y

## Project Totals (pre-certification estimates) 110 Points Possible

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

d = Design Submittal C = Construction Submittal

## Project Information (PI) - required Champion Notes

PI form	Requirement	Champion	Notes
PI form 1	<b>Minimum Program Requirements (P)</b> <ul style="list-style-type: none"> <li>Verify that the project meets all of the LEED for New Construction Minimum Program Requirements.</li> </ul>	d CSU	Documentation Approved.
PI form 2	<b>Project Summary Details (P)</b> <ul style="list-style-type: none"> <li>Provide building area and gross sf information, energy and water source information, project budget and cost information, and historic project information.</li> </ul>	d 4240 Architecture	Documentation Approved.
PI form 3	<b>Occupant and Usage Data (P)</b> <ul style="list-style-type: none"> <li>Provide building space usage, size, and occupancy information.</li> </ul>	d 4240 Architecture	Documentation Approved.
PI form 4	<b>Schedule and Overview Documents (P)</b> <ul style="list-style-type: none"> <li>Provide project schedule information and upload representative project photos and drawings. MEP designer to provide a general summary of the building's HVAC and lighting/electrical systems.</li> </ul>	d 4240 Architecture / Cator Ruma	Documentation Approved.

20			6	
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## Sustainable Sites (SS) - 26 Points Available Champion Notes

Y
1
5

SS	Requirement	Champion	Notes
SSp1	<b>Construction Activity Pollution Prevention (P)</b> <ul style="list-style-type: none"> <li>Create and implement an Erosion and Sedimentation Control Plan for all construction activities associated with the project. The ESC Plan shall conform to the erosion and sedimentation requirements of the 2003 EPA Construction General Permit OR local erosion and sedimentation control standards and codes, whichever is more stringent.</li> </ul>	C JVA / Alpine Demolition / PCL Construction	
SSc1	<b>Site Selection (1)</b> <ul style="list-style-type: none"> <li>Do not develop buildings, hardscape, roads or parking areas on portions of sites that meet any one of the following criteria: 1) Prime farmland 2) Previously undeveloped land lower than 5 feet above the 100-year flood 3) Land that is specifically identified as habitat for threatened or endangered species 4) Within 100 feet of any wetlands OR within setback distances prescribed in state or local regulations 5) Previously undeveloped land that is within 50 feet of a water body 6) Land which prior to acquisition for the project was public parkland.</li> </ul>	d JVA	Credit Approved.
SSc2	<b>Development Density &amp; Community Connectivity (5) [Regional Priority credit]</b> <ul style="list-style-type: none"> <li>OPTION 1: Development Density: Construct or renovate a building on a previously developed site AND in a community with a minimum density of 60,000 sq ft per acre net. OR</li> <li>OPTION 2: Community Connectivity: Construct or renovate a building on a previously developed site AND within 1/2 mile of a residential zone or neighborhood with an average density of 10 units per acre net AND within 1/2 mile of at least 10 Basic Services AND with pedestrian access between the building and the services.</li> </ul>	d Ambient Energy	Credit Approved.

Yes	Strong ?	Weak ?	No	N/A					
1					SSc3	<p><b>Brownfield Redevelopment (1)</b></p> <ul style="list-style-type: none"> <li>■ OPTION 1: Develop on a site documented as contaminated (by means of an ASTM E1903-97 Phase II Environmental Site Assessment or a local Voluntary Cleanup Program) OR</li> <li>■ OPTION 2: Develop on a site defined as a brownfield by a local, state or federal government agency.</li> <li>■ OPTION 3: Projects where asbestos is found and remediated can earn this credit by providing the following documentation:               <ol style="list-style-type: none"> <li>1. Executive summary-level content from the investigation's report, explaining the extent of the contamination and required action.</li> <li>2. Documentation indicating an acceptable standard for remediation, such as the Resource Conservation and Recovery Act (RCRA) Cleanup and the National Emission Standard for Hazardous Air Pollutants (NESHAPs).</li> <li>3. A narrative describing the site contamination and remediation efforts as well as a copy of the applicable CIR ruling (# 10001).</li> </ol> </li> </ul>	d	4240 Architecture / Ambient Energy	Credit Approved.
6					SSc4.1	<p><b>Alternative Transportation, Public Transportation Access (6)</b></p> <ul style="list-style-type: none"> <li>■ OPTION 1: Rail Station Proximity: Locate project within 1/2 mile walking distance of an existing, or planned and funded, commuter rail, light rail or subway station OR</li> <li>■ OPTION 2: Bus Stop Proximity: Locate project within 1/4 mile walking distance of one or more stops for two or more public or campus bus lines usable by building occupants (measured from a main building entrance).</li> </ul>	d	Ambient Energy	Credit Approved.
			1		SSc4.2	<p><b>Alternative Transportation, Bicycle Storage &amp; Changing Rooms (1)</b></p> <ul style="list-style-type: none"> <li>■ CASE 1. Commercial or Institutional Projects: Provide secure bicycle racks and/or storage (within 200 yards of a building entrance) for 5% or more of all building users (measured at peak periods), AND provide shower and changing facilities in the building, or within 200 yards of a building entrance, for 0.5% of Full-Time Equivalent (FTE) occupants.</li> <li>■ CASE 2. Residential Projects: Provide covered storage facilities for securing bicycles for 15% or more of building occupants.</li> </ul> <p>LEED Interpretation #10209: "If the total nonresidential square footage of a mixed-use building is less than 10% and no greater than 5,000 square feet, it is acceptable for the nonresidential use to be excluded from the shower requirements for SSc4.2: Bicycle Storage and Changing Rooms. However, each use component of the building must still comply with the bicycle storage requirements of this credit."</p>	d		N/A - Covered bicycle parking will not be provided.
3					SSc4.3	<p><b>Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles (3)</b></p> <ul style="list-style-type: none"> <li>■ OPTION 1: Provide preferred parking for low-emitting and fuel-efficient vehicles for 5% of the total vehicle parking capacity of the site. If a project wishes to use discounted parking instead of preferred parking, to establish a meaningful incentive in all potential markets, the parking rate must be discounted at least 20%. This approach is acceptable as long as the discounted rate is available for all customers (not limited to the number of customers equal to 5% of the vehicle parking capacity), publicly posted at the entrance to the parking area and available for a minimum of two years. OR</li> <li>■ OPTION 2: Install alternative-fuel refueling stations for 3% of the total vehicle parking capacity of the site (liquid or gaseous fueling facilities must be separately ventilated or located outdoors). OR</li> <li>■ OPTION 3: Provide low-emitting and fuel-efficient vehicles for 3% of Full-Time Equivalent (FTE) occupants AND provide preferred parking for these vehicles. OR</li> <li>■ OPTION 4: Provide building occupants access to a low emitting/fuel efficient vehicle sharing program. Preferred parking refers to the parking spots that are closest to the main entrance or parking passes provided at a discounted rate. The parking rate must be discounted at least 20% and available to all eligible customers, publicly posted at entrance and available for a minimum of 2 years.</li> </ul> <p>LEED Interpretation #2076: "The spaces must be clearly identified for use by low-emitting, fuel-efficient vehicles and there must be a means for only occupants of the subject building to be able to park in the designated spaces. If the project does not want to limit access to these spaces to only occupants of the LEED building(s), then it must provide preferred parking for 5% of the total parking capacity for low emitting/fuel efficient vehicles."</p>	d	4240 Architecture / CSU	Credit Approved. CSU installed 2 electric vehicle charging stations in preferred locations.
2					SSc4.4	<p><b>Alternative Transportation, Parking Capacity (2)</b></p> <ul style="list-style-type: none"> <li>■ OPTION 1: Size parking capacity to meet, but not exceed, minimum local zoning requirements, AND, provide preferred parking for carpools or vanpools for 5% of the total provided parking spaces. OR</li> <li>■ OPTION 2: For projects that provide parking for less than 5% of FTE building occupants: Provide preferred parking for carpools or vanpools, marked as such, for 5% of total provided parking spaces.</li> <li>■ OPTION 3: Provide no new parking.</li> <li>■ OPTION 4: For projects that have no minimum local zoning requirements, provide 25% fewer parking spaces than the applicable standard listed in the 2003 Institute of Transportation Engineers (ITE) "Parking Generation Study".</li> </ul> <p>Preferred parking refers to the parking spots that are closest to the main entrance or parking passes provided at a discounted rate. The parking rate must be discounted at least 20% and available to all eligible customers, publicly posted at entrance and available for a minimum of 2 years.</p>	d	4240 Architecture / CSU	Credit Approved.

Yes	Strong ?	Weak ?	No	N/A					
			1		SSc5.1	<p><b>Site Development, Protect or Restore Habitat (1)</b></p> <ul style="list-style-type: none"> <li>■ CASE 1. Greenfield Sites: Limit all site disturbance to 40 feet beyond the building perimeter and parking garages; 10 feet beyond surface walkways, patios, surface parking and utilities less than 12 inches in diameter; 15 feet beyond primary roadway curbs and main utility branch trenches; and 25 feet beyond constructed areas with permeable surfaces (such as pervious paving areas, stormwater detention facilities and playing fields)</li> <li>■ CASE 2. Previously Developed Areas or Graded Sites: Restore or protect a minimum of 50% of the site area (excluding the building footprint) or 20% of the total site area (including building footprint), whichever is greater, with native or adapted vegetation. Native/adapted plants are plants indigenous to a locality or cultivars of native plants that are adapted to the local climate and are not considered invasive species or noxious weeds. Projects earning SSc2 may include the vegetated roof surface in this calculation if the plants are native or adapted, provide habitat and promote biodiversity.</li> </ul>	C		Due to GBCI comment requiring the project to exclude turf grass areas, the project did not restore 50% of site with native and adapted vegetation.
1					SSc5.2	<p><b>Site Development, Maximize Open Space (1)</b></p> <ul style="list-style-type: none"> <li>■ CASE 1. Sites with Local Zoning Open Space Requirements: Reduce the development footprint (defined as the total area of the building footprint, hardscape, access roads and parking) and/or provide vegetated open space within the project boundary to exceed the local zoning's open space requirement for the site by 25%. OR</li> <li>■ CASE 2. Sites with No Local Zoning Requirements: Provide vegetated open space area adjacent to the building that is equal to the building footprint. OR</li> <li>■ CASE 3. Site with Zoning Ordinances but No Open Space Requirements: Provide vegetated open space equal to 20% of the project's site area.</li> <li>■ ALL CASES: <ul style="list-style-type: none"> <li>• Urban projects that earn SSc2 - vegetated roof areas can contribute to credit compliance.</li> <li>• Urban projects that earn SSc2 - pedestrian oriented hardscape areas can contribute to credit compliance. For such projects, a minimum of 25% of the open space counted must be vegetated.</li> <li>• Wetlands or naturally designed ponds may count as open space if the side slope gradients average 1:4 (vertical: horizontal) or less and are vegetated.</li> </ul> </li> </ul>	d	Russell + Mills	<p><b>Credit Approved.</b></p> <p>CSU does not have local zoning requirements for open space.</p> <p>For campus projects without local zoning requirements, open space equal to the building footprint can be separate from the project site as long as the open space is preserved for the life of the building.</p>
			1		 SSc6.1	<p><b>Stormwater Design, Quantity Control (1) [Regional Priority credit]</b></p> <ul style="list-style-type: none"> <li>■ CASE 1. Sites with Existing Imperviousness 50% or Less: <ul style="list-style-type: none"> <li>• parking lots):</li> <li>• OPTION 1: Implement a stormwater management plan that prevents the post-development peak discharge rate and quantity from exceeding the pre-development peak discharge rate and quantity for the one- and two-year 24-hour design storms. OR</li> <li>• OPTION 2: Implement a stormwater management plan that protects receiving stream channels from excessive erosion by implementing a stream channel protection strategy and quantity control strategies. OR</li> </ul> </li> <li>■ CASE 2. Sites with Existing Imperviousness Greater than 50%: <ul style="list-style-type: none"> <li>• Implement a stormwater management plan that results in a 25% decrease in the volume of stormwater runoff from the two-year 24-hour design storm.</li> </ul> </li> </ul>	d		N/A - Based on site configuration and grading, stormwater management will not reduce runoff enough to achieve credit.
			1		SSc6.2	<p><b>Stormwater Design, Quality Control (1)</b></p> <ul style="list-style-type: none"> <li>■ Implement a stormwater management plan that reduces impervious cover, promotes infiltration, and captures and treats the stormwater runoff from 90% of the average annual rainfall using acceptable best management practices (BMPs). BMPs used to treat runoff must be capable of removing 80% of the average annual post development total suspended solids (TSS) load based on existing monitoring reports. BMPs are considered to meet these criteria if: <ol style="list-style-type: none"> <li>(1) they are designed in accordance with standards and specifications from a state or local program that has adopted these performance standards, OR</li> <li>(2) there exists in-field performance monitoring data demonstrating compliance with the criteria. Data must conform to accepted protocol (e.g., Technology Acceptance Reciprocity Partnership [TARP], Washington State Department of Ecology) for BMP monitoring.</li> </ol> </li> </ul>	d		N/A - Based on site configuration and grading, stormwater management will not provide adequate treatment to achieve credit.
1					SSc7.1	<p><b>Heat Island Effect, Non-Roof (1)</b></p> <ul style="list-style-type: none"> <li>■ OPTION 1: Provide any combination of the following strategies for 50% of the site hardscape (including roads, sidewalks, courtyards and parking lots): <ul style="list-style-type: none"> <li>• Provide shade from existing tree canopy or within five years of landscape installation; landscaping (trees) must be in place at the time of occupancy.</li> <li>• Provide shade from structures covered by solar panels that produce energy used to offset some non-renewable resource use.</li> <li>• Provide shade from architectural devices or structures that have a SRI of at least 29.</li> <li>• Use hardscape paving materials with an SRI of at least 29.</li> <li>• Use an open-grid pavement system (at least 50% pervious). OR</li> </ul> </li> <li>■ OPTION 2: Place a minimum of 50% of parking spaces under cover (defined as under ground, under deck, under roof, or under a building). Any roof used to shade or cover parking must have an SRI of at least 29, be a vegetated green roof, or be covered by solar panels that produce energy used to offset some non-renewable resource use.</li> </ul>	C	Russell + Mills / JVA	<p><b>Credit Approved.</b></p> <p>High SRI hardscape materials will be used.</p>

Yes	Strong ?	Weak ?	No	N/A
			1	
			1	

SSc7.2	Heat Island Effect, Roof (1)	d	N/A - CSU typical design standard does not meet the credit's SRI requirements.
SSc8	Light Pollution Reduction (1)	d	N/A - Automatic controlled shielding devices will not be installed on windows and so therefore the credit requirements for twenty-four hour operation projects will not be met.

4			6	
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### Water Efficiency (WE) - 10 Points Available

Champion Notes

Y	WEp1	Water Use Reduction, 20% (P)	d	Cator Ruma	Prerequisite Approved. Project has achieved 47.52% reduction in indoor water use. Fixtures included 1.28 gpf WC, 0.5 gpf urinals, 0.5 gpm lav's, 1.25 gpm showers, and 1.5 gpm kitchen sinks.
	WEC1	Water Efficient Landscaping (4) [Option 2 = Regional Priority credit]	d	Russell + Mills	Credit Denied. RMS and Aqua Engineering have provided additional documentation confirming the controller efficiency (CE) of the irrigation system. Credit may be appealed later if it is needed to achieve LEED Gold.
	WEC2	Innovative Wastewater Technologies (2)	d		N/A - credit cannot be achieved without utilizing a greywater system.

Yes	Strong ?	Weak ?	No	N/A
4				



**Water Use Reduction (2-4) [40% Reduction = Regional Priority credit]**

- 30% - 2 points; 35% - 3 points; 40% - 4 points
- Employ strategies that in aggregate use 30 to 40% less water than the water use baseline calculated for the building (not including irrigation) after meeting the Energy Policy Act of 1992 and 2005 fixture performance requirements and the 2006 Uniform Plumbing Code or International Plumbing Code. Calculations are based on estimated occupant usage and shall include only the following fixtures and fixture fittings (as applicable to the building): water closets, urinals, lavatory faucets, showers, kitchen sinks and pre-rinse spray valves.

d	Cator Ruma	<b>Credit Approved.</b> Project has achieved 47.52% reduction in indoor water use. Fixtures included 1.28 gpf WC, 0.5 gpf urinals, 0.5 gpm lav's, 1.25 gpm showers, and 1.5 gpm kitchen sinks.
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16			19	
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**Energy & Atmosphere (EA) - 35 Points Available**

Champion Notes

Y				
Y				
Y				

EAp1	<p><b>Fundamental Commissioning of the Building Energy Systems (P)</b></p> <ul style="list-style-type: none"> <li>Commissioning process activities shall be completed by the commissioning team, in accordance with the LEED-NC 2009 Rating system requirements. Commissioning process activities shall be completed for the following energy-related systems, at a minimum: • Heating, ventilating, air conditioning, and refrigeration (HVAC&amp;R) systems (mechanical and passive) and associated controls • Lighting and daylighting controls • Domestic hot water systems • Renewable energy systems (wind, solar etc.)</li> </ul>	c	E Cube	
EAp2	<p><b>Minimum Energy Performance (P)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: Whole Building Simulation: Demonstrate a 10% improvement for new buildings or a 5% improvement for existing building renovations in the proposed building performance rating compared to the baseline building performance rating per ASHRAE/IESNA Standard 90.1-2007 (with errata but without addenda) by a whole building project simulation using the Building Performance Rating Method in Appendix G of the Standard. The project must be designed to comply with the mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4) of the Standard.</li> </ul>	d	Ambient Energy	<b>Prerequisite Approved.</b> The LEED-Online credit form indicates project has achieved 35.5% energy cost savings.
EAp3	<p><b>Fundamental Refrigerant Management (P)</b></p> <ul style="list-style-type: none"> <li>Zero use of CFC-based refrigerants in new base building HVAC&amp;R systems. When reusing existing base building HVAC equipment, complete a comprehensive CFC phase-out conversion prior to project completion. Phase-out plans extending beyond the project completion date will be considered on their merits. Existing small HVAC units and other equipment such as standard refrigerators, small water coolers and any other equipment that contains &lt;0.5lbs of refrigerant are not considered part of the base building system and are not subject to the requirements of this prerequisite.</li> </ul>	d	Cator Ruma	<b>Prerequisite Approved.</b>
EAc1	<p><b>Optimize Energy Performance (19) [48% = Regional Priority credit]</b></p> <p>NEW BUILDING Points: 12%- 1; 14%- 2; 16%- 3; 18%- 4; 20%- 5; 22%- 6; 24%- 7; 26%- 8; 28%- 9; 30%- 10, 32%- 11, 34%- 12, 36%- 13, 38%- 14, 40%- 15, 42%- 16, 44%- 17, 46%- 18, 48%- 19</p> <ul style="list-style-type: none"> <li>OPTION 1: Whole Building Energy Simulation (1–19 Points): Demonstrate a percentage improvement in the proposed building performance rating compared to the baseline building performance rating per ASHRAE/IESNA Standard 90.1-2007 (with errata but without addenda) by a whole building project simulation using the Building Performance Rating Method in Appendix G of the Standard.</li> </ul>	d	Ambient Energy	<b>Credit Approved.</b> The LEED-Online credit form indicates project has achieved 35.5% energy cost savings.
EAc2	<p><b>On-Site Renewable Energy (7) [13% = Regional Priority credit]</b></p> <p>1%-1; 3%-2; 5%-3; 7%-4; 9%-5; 11%-6; 13%-7</p> <ul style="list-style-type: none"> <li>Use on-site renewable energy systems to offset building energy cost. Calculate project performance by expressing the energy produced by the renewable systems as a percentage of the building annual energy cost and using the table below to determine the number of points achieved. Use the building annual energy cost calculated in EA Credit 1 or use the Department of Energy (DOE) Commercial Buildings Energy Consumption Survey (CBECS) database to determine the estimated electricity use. (Table of use for different building types is provided in the Reference Guide.)</li> </ul>	d		
EAc3	<p><b>Enhanced Commissioning (2)</b></p> <ul style="list-style-type: none"> <li>Implement, or have a contract in place to implement, additional commissioning process activities in addition to the requirements of EA Prerequisite 1 and in accordance with the LEED-NC 2009 Rating System.</li> </ul>	c	E Cube	

Yes	Strong ?	Weak ?	No	N/A
2				
			3	
			2	

EAc4	<p><b>Enhanced Refrigerant Management (2)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: Do not use refrigerants. OR</li> <li>OPTION 2: Select refrigerants and HVAC&amp;R that minimize or eliminate the emission of compounds that contribute to ozone depletion and climate change. The base building HVAC&amp;R equipment shall comply with the formula provided in the LEED-NC 2009 rating system, which sets a maximum threshold for the combined contributions to ozone depletion and global warming potential. AND Do not install or operate fire suppression systems that contain ozone-depleting substances (CFCs, HCFCs or Halons). Small HVAC units and other equipment such as standard refrigerators, small water coolers and any other equipment that contains &lt;0.5lbs of refrigerant are not considered part of the base building system and are not subject to the requirements of this prerequisite.</li> </ul>	d	Cator Ruma	Credit Approved.
EAc5	<p><b>Measurement &amp; Verification (3)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: Develop and implement a Measurement &amp; Verification (M&amp;V) Plan consistent with Option D: Calibrated Simulation (Savings Estimation Method 2), OR</li> <li>OPTION 2: Energy Conservation Measure Isolation, as specified in the International Performance Measurement &amp; Verification Protocol (IPMVP) Volume III: Concepts and Options for Determining Energy Savings in New Construction, April, 2003. The M&amp;V period shall cover a period of no less than one year of post-construction occupancy. Provide a process for corrective action to ensure energy savings are realized if the results of the M &amp; V plan indicate that energy savings are not being achieved.</li> <li>OPTION 3 (1 point): Meet MPR 6 through compliance Option 1: Energy and Water Data Release Form. Projects must register an account in ENERGY STAR's Portfolio Manager tool and share the project file with the USGBC master account.</li> </ul>	c		
EAc6	<p><b>Green Power (2)</b></p> <ul style="list-style-type: none"> <li>Engage in at least a 2 year renewable energy contract to provide at least 35% of the building's electricity from renewable sources, as defined by the Center for Resource Solutions (CRS) Green-e Energy products certification requirements.</li> <li>OPTION 1: Determine Baseline Electricity Use: Use the annual electricity consumption from the results of EAc1.</li> <li>OPTION 2: Estimate Baseline Electricity Use: Use the US Department of Energy's Commercial Buildings Energy Consumption Survey database to determine the estimated electricity use. All purchases of green power shall be based on the quantity of energy consumed, not the cost.</li> </ul>	c		

5			5	4
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**Materials & Resources (MR) - 14 Points Available** Champion Notes

Y				
			3	
			1	
2				
			2	

MRp1	<p><b>Storage &amp; Collection of Recyclables (P)</b></p> <ul style="list-style-type: none"> <li>Provide an easily accessible dedicated area or areas that serves the entire building for the collection and storage of materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics and metals.</li> </ul>	d	Ambient Energy / 4240 Architecture	Credit Approved.
MRC1.1	<p><b>Building Reuse, Maintain Existing Walls, Floors &amp; Roof (1-3)</b></p> <ul style="list-style-type: none"> <li>55% - 1; 75% - 2; 95% - 3</li> <li>Maintain the existing building structure (including structural floor and roof decking) and envelope (exterior skin and framing, excluding window assemblies and non-structural roofing material). Hazardous materials that are remediated as a part of the project scope shall be excluded from the calculation of the percentage maintained. If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.</li> </ul>	c		N/A - Project will be new construction.
MRC1.2	<p><b>Building Reuse, Maintain Interior Non-Structural Elements (1)</b></p> <ul style="list-style-type: none"> <li>Use existing interior non-structural elements (interior walls, doors, floor coverings and ceiling systems) in at least 50% (by area) of the completed building (including additions). If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.</li> </ul>	c		N/A - Project will be new construction.
MRC2	<p><b>Construction Waste Management, 50%, 75% (1-2)</b></p> <ul style="list-style-type: none"> <li>50% - 1; 75% - 2</li> <li>Recycle and/or salvage non-hazardous construction and demolition debris. Develop and implement a construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or commingled. Excavated soil and land-clearing debris do not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.</li> </ul>	c	4240 Architecture / Alpine Demolition / PCL Construction	Credit Approved. As of 7/2/14, PCL estimates 84.76% diversion rate.
MRC3	<p><b>Materials Reuse, 5%, 10% (1-2)</b></p> <ul style="list-style-type: none"> <li>5% - 1; 10% - 2</li> <li>Use salvaged, refurbished or reused materials such that the sum of these materials constitutes at least 5% or 10%, based on cost, of the total value of materials on the project. Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.</li> </ul>	c		N/A - Based on budget and materials palette, the project will not install sufficient reused materials to earn the credit.

Yes	Strong ?	Weak ?	No	N/A
1			1	
2				
			1	
			1	

MRc4	<p><b>Recycled Content, 10%, 20% (1-2)</b></p> <ul style="list-style-type: none"> <li>10% - 1; 20% - 2</li> <li>Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% or 20% (based on cost) of the total value of the materials in the project (CSI Masterformat 2004 Edition Divisions 3-10, 31 (Section 31.60.00 Foundations) and 32 (Sections 32.10.00 Paving, 32.30.00 Site Improvements, and 32.90.00 Planting). Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7. Recycled content shall be defined in accordance with the International Organization of Standards document, ISO 14021—Environmental labels and declarations—Self-declared environmental claims.</li> </ul>	C	4240 Architecture / PCL Construction	<b>Credit Approved.</b> Project achieved 18.42% recycled content.
MRc5	<p><b>Regional Materials, 10%, 20% (1-2)</b></p> <ul style="list-style-type: none"> <li>10% - 1; 20% - 2</li> <li>Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20% (based on cost) of the total materials value (CSI Masterformat 2004 Edition Divisions 3-10, 31 (Section 31.60.00 Foundations) and 32 (Sections 32.10.00 Paving, 32.30.00 Site Improvements, and 32.90.00 Planting). Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.</li> </ul>	C	4240 Architecture / PCL Construction	<b>Credit Approved.</b> Project achieved 28.32% regional materials.
MRc6	<p><b>Rapidly Renewable Materials, 2.5% (1)</b></p> <ul style="list-style-type: none"> <li>Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used in the project, based on cost (CSI Masterformat 2004 Edition Divisions 3-10, 31 (Section 31.60.00 Foundations) and 32 (Sections 32.10.00 Paving, 32.30.00 Site Improvements, and 32.90.00 Planting). Rapidly renewable building materials and products are made from agricultural products that are typically harvested within a 10 year or shorter cycle.</li> </ul>	C		N/A - Based on budget and materials palette, the project will likely not install sufficient reused materials to earn the credit. Rapidly renewable materials may be included as an Add Alternate.
MRc7	<p><b>Certified Wood, 50% (1)</b></p> <ul style="list-style-type: none"> <li>Use a minimum of 50% of wood-based materials and products, which are certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria, for wood building components. These components include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7. Only FSC Pure, FSC Mixed Credit and FSC Mixed NN% count towards the credit. FSC Recycled and FSC Recycled Credit do not count towards the credit.</li> </ul>	C		N/A - Because this building is wood framed, there will be a significant cost premium to install 50% FSC certified wood. CSU would prefer to allocate costs to visible sustainable features.

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**Indoor Environmental Quality (IEQ) - 15 Points Available** Champion Notes

Y	IEQp1	<p><b>Minimum IAQ Performance (P)</b></p> <ul style="list-style-type: none"> <li>CASE 1. Mechanically Ventilated Spaces: Mechanically Ventilated Systems must meet the minimum requirements of Sections 4 through 7 of ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality (with errata but without addenda). Mechanical ventilation systems shall be designed using the Ventilation Rate Procedure or the applicable local code, whichever is more stringent.</li> <li>CASE 2. Naturally Ventilated Spaces: Naturally ventilated buildings shall comply with ASHRAE 62.1-2007 (with errata but without addenda) paragraph 5.1.</li> </ul>	d	Cator Ruma	<b>Credit Approved.</b>
Y	IEQp2	<p><b>Environmental Tobacco Smoke (ETS) Control (P)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: Prohibit smoking in the building. AND Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows. Provide signage to either allow smoking in designated areas, prohibit smoking in designated areas, or prohibit smoking on the entire property. OR</li> <li>OPTION 2: Prohibit smoking in the building except in designated smoking areas. AND Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows. Provide signage to either allow smoking in designated areas, prohibit smoking in designated areas, or prohibit smoking on the entire property. Locate designated smoking rooms to effectively contain, capture and remove ETS from the building. Room must be directly exhausted to the outdoors with no re-circulation of ETS-containing air to the non-smoking area of the building, and enclosed with impermeable deck-to-deck partitions. With the doors to the smoking room closed, operate exhaust sufficient to create a negative pressure. Performance of the smoking room differential air pressures shall be verified.</li> </ul>	d	Ambient Energy / 4240 Architecture	<b>Credit Approved.</b>

Yes	Strong ?	Weak ?	No	N/A					
			1		IEQc1	<p><b>Outdoor Air Delivery Monitoring (1)</b></p> <ul style="list-style-type: none"> <li>Install permanent monitoring systems that provide feedback on ventilation system performance to ensure that ventilation systems maintain design minimum ventilation requirements. Configure all monitoring equipment to generate an alarm when the conditions (either airflow value or CO2 level) vary by 10% or more from the value expected at design conditions, via either a building automation system alarm to the building operator or via a visual or audible alert to the building occupants.</li> <li>CASE 1. Mechanically Ventilated Spaces: Monitor carbon dioxide concentrations within all densely occupied spaces (those with a design occupant density greater than or equal to 25 people per 1000 sq.ft.). CO2 monitoring locations shall be between 3 feet and 6 feet above the floor. Provide a direct outdoor airflow measurement device capable of measuring the minimum outdoor air intake flow with an accuracy of plus or minus 15% of the design minimum outdoor air rate, as defined by ASHRAE 62.1-2007 (with errata but without addenda) for mechanical ventilation systems where 20% or more of the design supply airflow serves non-densely occupied spaces.</li> <li>CASE 2. Naturally Ventilated Spaces: Monitor CO2 concentration within all naturally ventilated spaces. CO2 monitoring shall be located within the room between 3-6 feet above the floor. One CO2 sensor may be used to represent multiple non-densely occupied spaces if the natural ventilation design uses passive stack(s) or other means to induce airflow through those spaces equally and simultaneously without intervention by building occupants.</li> </ul>	d		N/A - CO2 sensors will not be provided.
			1		IEQc2	<p><b>Increased Ventilation (1)</b></p> <ul style="list-style-type: none"> <li>CASE 1. Mechanically Ventilated Spaces: Increase breathing zone outdoor air ventilation rates to all occupied spaces by at least 30% above the minimum rates required by ASHRAE Standard 62.1-2007 (with errata but without addenda) as determined by EQ Prerequisite 1.</li> <li>CASE 2. Naturally Ventilated Spaces: Determine that natural ventilation is an effective strategy for the project by following the flow diagram process shown in the Figure 2.8 of the Chartered Institution of Building Services Engineers Applications Manual 10:2005, Natural ventilation in non-domestic buildings. AND</li> <li>OPTION 1: Show the design of natural ventilation systems meets recommendations set forth in CIBSE manuals appropriate to the project space. Path 1: CIBSE Applications Manual 10: 2005, Natural Ventilation in Non-domestic Buildings Path 2: CIBSE AM 13:2000, Mixed Mode Ventilation OR</li> <li>OPTION 2: Use macroscopic, multi-zone analytic model to predict that room-by-room airflows will meet minimum ventilation rates required by ASHRAE 62.1-2007 chapter 6 (with errata but without addenda) for at least 90% of occupied spaces.</li> </ul>	d		N/A - Increased ventilation would increase energy use.
1					IEQc3.1	<p><b>Construction IAQ Management Plan, During Construction (1)</b></p> <ul style="list-style-type: none"> <li>Develop and implement an Indoor Air Quality (IAQ) Management Plan for the construction and pre-occupancy phases of the building as follows: <ul style="list-style-type: none"> <li>During construction meet or exceed the recommended Control Measures of the Sheet Metal and Air Conditioning National Contractors Association (SMACNA) IAQ Guidelines for Occupied Buildings Under Construction, 2nd Edition 2007, ANSI/SMACNA 008-2008, Ch.3.</li> <li>Protect stored on-site or installed absorptive materials from moisture damage.</li> <li>If permanently installed air handlers are used during construction, filtration media with a Minimum Efficiency Reporting Value (MERV) of 8 shall be used at each return air grille, as determined by ASHRAE 52.2-1999 (with errata but without addenda). Replace all filtration media immediately prior to occupancy.</li> </ul> </li> </ul>	c	PCL Construction	Credit Approved.
1					IEQc3.2	<p><b>Construction IAQ Management Plan, Before Occupancy (1)</b></p> <ul style="list-style-type: none"> <li>Develop an IAQ Management plan and implement after installation of all finishes, completion of building cleaning, and before occupancy.</li> <li>OPTION 1: Flush-Out: PATH 1: After construction ends, prior to occupancy and with all interior finishes installed, perform a building flush-out by supplying 14,000 cu.ft. of outdoor air / sq.ft. of floor area while maintaining an internal temperature of at least 60 degrees and relative humidity no higher than 60%. PATH 2: If occupancy is desired prior to completion of the flush-out, the space may be occupied following delivery of a minimum of 3,500 cu.ft. of outdoor air / sq.ft. of floor area to the space. Once a space is occupied, it shall be ventilated at a minimum rate of 0.30 cfm/sq.ft. of outside air or the design minimum outside air rate determined in EQ Prerequisite 1, whichever is greater. These conditions shall be maintained until a total of 14,000 cu.ft./sq.ft. of outside air has been delivered to the space. Note: All finishes must be installed prior to flush-out. OR</li> <li>OPTION 2: Air Testing: Conduct baseline IAQ testing consistent with the US EPA Compendium of Methods for the Determination of Air Pollutants in Indoor Air OR the ISO method listed in the LEED Reference Guide. Testing must be done in accordance with one standard; project teams may not mix requirements from the EPA Compendium of Methods with ISO.</li> </ul>	c	Cator Ruma / PCL Construction	Credit Approved.
1					IEQc4.1	<p><b>Low-Emitting Materials, Adhesives &amp; Sealants (1)</b></p> <ul style="list-style-type: none"> <li>All adhesives and sealants used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the requirements of the following reference standards: <ul style="list-style-type: none"> <li>Adhesives, Sealants and Sealant Primers: South Coast Air Quality Management District (SCAQMD) Rule #1168. VOC limits are listed in the table below and correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.</li> <li>Aerosol Adhesives: Green Seal Standard for Commercial Adhesives GS-36 requirements in effect on October 19, 2000.</li> </ul> </li> </ul> <p>Exclude adhesive and sealants integral to the water-proofing system or that are not building related. Non-membrane roof and Single ply-roof membrane sealants are excluded from meeting the VOC requirements. VOC budget method is permissible for compliance with the credit.</p>	c	4240 Architecture / PCL Construction	Credit Approved.



Yes	Strong ?	Weak ?	No	N/A					
1					IEQc4.2	<p><b>Low-Emitting Materials, Paints &amp; Coatings (1)</b></p> <ul style="list-style-type: none"> <li>Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the following criteria: <ul style="list-style-type: none"> <li>Architectural paints and coatings applied to interior walls and ceilings: Do not exceed the VOC content limits established in Green Seal Standard GS-11, Paints, First Edition, May 20, 1993.</li> <li>Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates: Do not exceed the VOC content limit of 250 g/L established in Green Seal Standard GC-03, Anti-Corrosive Paints, Second Edition, January 7, 1997.</li> <li>Clear wood finishes, floor coatings, stains, primers, sealers and shellacs applied to interior elements: Do not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.</li> </ul> </li> </ul>	C	4240 Architecture / PCL Construction	Credit Approved.
1					IEQc4.3	<p><b>Low-Emitting Material, Flooring Systems (1)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: All flooring must comply with the following as applicable to the project scope: <ul style="list-style-type: none"> <li>All carpet installed in the building interior shall meet the testing and product requirements of the Carpet and Rug Institute's Green Label Plus program.</li> <li>All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.</li> <li>All carpet adhesive shall meet the requirements of EQ Credit 4.1: VOC limit of 50 g/L.</li> <li>All hard surface flooring must meet the requirements of FloorScore standard (current as of the date of the rating system or more stringent version) as shown with testing by an independent third-party. Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements. However, associated site applied adhesives, grouts, finishes and sealers must be compliant for a mineral based or unfinished/untreated solid wood flooring system to qualify for credit.</li> <li>Concrete, bamboo, wood, and cork floor finishes (sealer, stain, finish etc.) must meet SCAQMD Rule 1113.</li> <li>Tile setting adhesives and grout must meet SCAQMD Rule 1168.</li> </ul> </li> <li>AND/OR</li> <li>OPTION 2: All flooring elements installed in the building interior must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda. Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements. However, associated site applied adhesives, grouts, finishes and sealers must be compliant for a mineral based or unfinished/untreated solid wood flooring system to qualify for credit.</li> </ul>	C	4240 Architecture / PCL Construction	Credit Approved.
1					IEQc4.4	<p><b>Low-Emitting Materials, Composite Wood &amp; Agrifiber Products (1)</b></p> <ul style="list-style-type: none"> <li>Composite wood and agrifiber products used on the interior of the building (defined as inside of the weatherproofing system) shall contain no added urea-formaldehyde resins. Laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies shall contain no added urea-formaldehyde resins. Composite wood and agrifiber products are defined as: particleboard, medium density fiberboard (MDF), plywood, wheatboard, strawboard, panel substrates and door cores. Materials considered fixtures, furniture, and equipment (FF&amp;E) are not considered base building elements and are not included.</li> </ul>	C	4240 Architecture / PCL Construction	Credit Approved.
1					IEQc5	<p><b>Indoor Chemical &amp; Pollutant Source Control (1)</b></p> <ul style="list-style-type: none"> <li>Design to minimize and control pollutant entry into buildings and later cross-contamination of regularly occupied areas through the following strategies: <ul style="list-style-type: none"> <li>Employ permanent entryway systems at least ten feet long in the primary direction of travel to capture dirt and particulates from entering the building at regular entry points directly connected to the outdoors. Acceptable entryway systems include permanently installed grates, grilles, or slotted systems that allow for cleaning underneath. Roll-out mats are acceptable only when maintained on a weekly basis by a contracted service organization.</li> <li>For garages, housekeeping/laundry areas and high volume copying/printing rooms, provide self-closing doors and deck to deck partitions or a hard lid ceiling. High volume printing or copying is defined as a machine that produces more than 40,000 pages (20,000 double-sided) per month. Sufficiently exhaust each space where hazardous gases or chemicals may be present or used to create negative pressure. The exhaust rate shall be at least 0.50 cfm/sq.ft., with no air recirculation. The pressure differential with the surrounding spaces shall be at least 5 Pa (0.02 inches of water gauge) on average and 1 Pa (0.004 inches of water) at a minimum when the doors to the rooms are closed.</li> <li>In mechanically ventilated buildings, each ventilation system that supplies outdoor air shall comply with the following: <ul style="list-style-type: none"> <li>Particle filters or air cleaning devices shall be provided to clean the outdoor air at any location prior to its introduction to occupied spaces AND These filters or devices shall be rated a minimum efficiency reporting value (MERV) of 13 or higher in accordance with ASHRAE Standard 52.2 AND Clean air filtration media shall be installed in all air systems after completion of construction and prior to occupancy.</li> </ul> </li> </ul> </li> </ul>	d	4240 Architecture / Cator Ruma	MERV 13 filters are only required to filter outdoor air and are not required for the fan coil units in the rooms. Credit Approved.
1					IEQc6.1	<p><b>Controllability of Systems, Lighting (1)</b></p> <ul style="list-style-type: none"> <li>Provide individual lighting controls for 90% (minimum) of the building occupants to enable adjustments to suit individual task needs and preferences. AND Provide lighting system controllability for all shared multi-occupant spaces to enable lighting adjustment that meets group needs and preferences.</li> </ul>	d	4240 Architecture / CSU	Credit Approved.

Yes	Strong ?	Weak ?	No	N/A					
1					IEQc6.2	<p><b>Controllability of Systems, Thermal Comfort (1)</b></p> <ul style="list-style-type: none"> <li>Provide individual comfort controls for 50% (minimum) of the building occupants to enable adjustments to suit individual task needs and preferences. Operable windows can be used in lieu of comfort controls for occupants of areas that are 20 feet inside of and 10 feet to either side of the operable part of the window. The areas of operable window must meet the requirements of ASHRAE 62.1-2007 paragraph 5.1 Natural Ventilation. AND</li> <li>Provide comfort system controls for all shared multi-occupant spaces to enable adjustments to suit group needs and preferences.</li> </ul>	d	Cator Ruma	Credit Approved.
1					IEQc7.1	<p><b>Thermal Comfort, Design (1)</b></p> <ul style="list-style-type: none"> <li>Design HVAC systems and the building envelope to meet the requirements of ASHRAE Standard 55-2004, Thermal Comfort Conditions for Human Occupancy. Demonstrate design compliance in accordance with the Section 6.1.1 Documentation.</li> </ul>	d	Cator Ruma	Credit Approved. Project is adopting ASHRAE 55-2010 to utilize adaptive comfort criteria and include air velocity treatment.
				1	IEQc7.2	<p><b>Thermal Comfort, Verification (1)</b></p> <ul style="list-style-type: none"> <li>Provide a permanent monitoring system to ensure building performance to the desired comfort criteria as determined by EQc7.1. Agree to implement a thermal comfort survey of building occupants within a period of six to 18 months after occupancy. This survey should collect anonymous responses about thermal comfort in the building including an assessment of overall satisfaction with thermal performance and identification of thermal comfort-related problems. Agree to develop a plan for corrective action if the survey results indicate that more than 20% of occupants are dissatisfied with thermal comfort in the building. This plan should include measurement of relevant environmental variables in problem areas in accordance with ASHRAE Standard 55-2004 (with errata but without addenda). Thermal Comfort Verification, is contingent on the successful completion and award of the credit- Thermal Comfort: Design.</li> </ul>	d		N/A - Residential projects are not eligible for this credit.
1					IEQc8.1	<p><b>Daylight &amp; Views , Daylight 75% of Spaces (1)</b></p> <ul style="list-style-type: none"> <li>OPTION 1: Simulation: Demonstrate, through computer simulations, that 75% or more of all regularly occupied spaces achieve daylight illuminance levels of a min. 10fc and a maximum of 500fc in a clear sky condition on September 21 at 9:00 AM and 3:00 PM. Designs that incorporate view-preserving automated shades for glare control may demonstrate compliance for only the minimum 10fc illuminance level. OR</li> <li>OPTION 2: Prescriptive Use a combination of side-lighting and/or top-lighting to achieve a total daylight zone that is at least 75% of all regularly occupied spaces.</li> <li>OPTION 3: Measurement: Demonstrate that a minimum daylight illumination level of 10fc has been achieved in at least 75% of all regularly occupied areas. Measurements must be taken on a 10-foot grid for all occupied spaces and must be recorded on building floor plans.</li> <li>OPTION 4: Combination: Use a combination of above Simulation and Prescription methods to document credit compliance.</li> </ul>	d	Ambient Energy / 4240 Architecture	Credit Approved.
1					IEQc8.2	<p><b>Daylight &amp; Views, Views for 90% of Spaces (1)</b></p> <ul style="list-style-type: none"> <li>Achieve direct line of sight to the outdoor environment via vision glazing between 2'6" and 7'6" above finish floor for building occupants in 90% of all regularly occupied areas.</li> </ul>	d	4240 Architecture	Credit Approved.

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### Innovation in Design (ID) - 6 Points Available

Champion

Notes

1					IDc1.1	<p><b>Innovation in Design: Sustainable Education Program (1)</b></p> <p>Provide two of the three following items: 1) a manual, guideline, or case study 2) regularly scheduled presentations or building tours 3) signage of the environmental features of the building.</p>	c	Ambient Energy / CSU	Credit Approved.
1					IDc1.2	<p><b>Innovation in Design: Sustainable Purchasing Policy (1)</b></p> <p>Develop and implement a Sustainable Purchasing Policy conforming to the requirements of LEED-EB:O&amp;M v2009.</p>	d	Ambient Energy / CSU	Credit Approved.

Yes	Strong ?	Weak ?	No	N/A
1				
1				
1				
1				

IDc1.3	<b>Innovation in Design: Exemplary Performance - SSc5.2: Site Development, Maximize Open Space (1)</b> ■ CASE 2. Sites with No Local Zoning Requirements: Provide vegetated open space area adjacent to the building that is equal to the building footprint. OR	d	Ambient Energy / Russell + Mills	Credit Approved.
IDc1.4	<b>Innovation in Design: Green Cleaning Policy (1)</b> Develop and implement a Green Cleaning Policy conforming to the requirements of LEED-EB:O&M v2009.	d	Ambient Energy / CSU	Credit Approved.
IDc1.5	<b>Innovation in Design: Exemplary Performance - WEC3: Water Use Reduction (45%) (1)</b> Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 30% (based on cost) of the total materials value (CSI Masterformat 2004 Edition Divisions 3-10, 31 (Section 31.60.00 Foundations) and 32 (Sections 32.10.00 Paving, 32.30.00 Site Improvements, and 32.90.00 Planting). Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.	c	Cator Ruma	Credit Approved.
IDc2	<b>LEED® Accredited Professional (1)</b> At least one principal participant of the project team shall be a LEED Accredited Professional (AP).	c	Ambient Energy	Credit Approved.

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**Regional Priority (RP) - 4 Points Available (zip code 80523)** Champion    Notes

1					RPc1.1	<b>Regional Priority: SSc2 Development Density &amp; Community Connectivity (1)</b>	d	Ambient Energy	See notes for SSc2 above.
			0		RPc1.2	<b>Regional Priority: SSc6.1 Stormwater Design, Quantity Control (1)</b>	d		See notes for SSc6.1 above.
1					RPc1.3	<b>Regional Priority: WEC3 Water Use Reduction (1)</b> 40% reduction	d	Cator Ruma	See notes for WEC3 above.
			1		RPc1.4	<b>Regional Priority: EAc1 Optimize Energy Performance (1)</b> 48% energy cost reduction	d		
			1		Alt.	<b>Regional Priority: EAc2 On-Site Renewable Energy, 13% (1)</b>	d		
			0		Alt.	<b>Regional Priority: WEC1 Water Efficient Landscaping (1)</b> No Potable Water Use or Irrigation	d		