

UCSD East Campus Office Building					Last Revised by Gensler on:		2/15/11		
LEED Credit Tracking Summary (LEED-NC 2009)									
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	52	16	42	<b>Sustainable Sites</b>					
C	P			SS PREREQ	<b>Construction Activity Pollution Prevention</b> Create and implement an Erosion and Sedimentation Control (ESC) Plan which shall conform to the requirements of the 2003 EPA Construction General Permit OR local ESC standards and codes, whichever is more stringent. The Plan shall describe measures to prevent loss of soil during construction, prevent sedimentation of storm sewer or receiving stream and prevent polluting the air with dust and particulates.	p	Site infrastructure team to include a Div. 1 spec section that outlines requirements. KPFF to develop plan and CWDriver to ensure implementation.	CWDriver	
D	1			SS Credit 1	<b>Site Selection</b> Do not develop on farmland, parkland, within 100 ft. of any wetland, within 50 ft. of a water body, at an elevation within 5 ft. of the 100-yr. floodplain or on land that provides habitat for a threatened or endangered species.	1		RBF	
D	5			SS Credit 2	<b>Development Density &amp; Community Connectivity</b> Construct or renovate a building on a previously developed site, and in a community with a minimum density of 60,000 sf/acre or within 1/2 mile of a residential area and 10 basic services, and has pedestrian access between the building and the services.	5	Gensler. Walkscore.com. Red dots on aerial photograph.	Gensler	
D			1	SS Credit 3	<b>Brownfield Development</b> 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 on a site defined as a brownfield by a local, state or federal government agency.	1	CLOSED. Lead contamination on site from historic shooting range. Sam Farmer to follow up with Julie Hempel at EH&S to acquire documentation. Lead level is not high enough.	UCSD	
D	6			SS Credit 4	<b>Alternative Transportation, Public Transportation Access</b> Locate project within 1/4 mile of a bus stop served by 2 or more bus lines.	6	Possible exemplary performance. LA to send us example we can review for conformance. Two bus lines. Gensler to review City and campus bus routes.	Gensler	
D	1			SS Credit 4	<b>Alternative Transportation, Bike Storage &amp; Changing Rooms</b> For commercial/institutional buildings, provide secure bicycle racks or storage (within 200 yards of a building entrance) for 5% of all building users (measured at peak periods) AND provide shower and changing facilities for 0.5% of FTE	1	Added to program based on FTE. Included 15% factor for visitors. Gensler to provide narrative to explain how to determine FTE.	Gensler	

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D	3			SS Credit 4	<b>Alt. Transportation, Low Emitting &amp; Fuel Efficient Vehicles</b> Provide preferred parking for low-emitting and fuel-efficient vehicles for 5% of the total parking capacity of the site. Providing a discounted parking rate is an acceptable substitute for preferred parking for low-emitting/fuel-efficient vehicles. To establish a meaningful incentive in all potential markets, the parking= rate must be discounted at least 20%. The discounted rate must be available to all customers (i.e., not limited to the number of customers equal to 5% of the vehicle parking capacity), publicly posted at the entrance of the parking area and available for a minimum of 2 years.	3	<b>OPEN. Sam Farmer</b> has verified with East Campus Parking Structure PM that 5% of spaces will be set aside for LEV's & FEV's. Per em from Sam on 6/1 Jay Smith is in agreement. Next step is for Sam to review with Campus Parking.	UCSD	
D	2			SS Credit 4.4	<b>Alt. Transportation, Parking Capacity</b> Size parking capacity to meet but not to exceed minimum local zoning req't. and provide preferred parking for carpools for 5% of the total provided parking spaces OR provide no new parking. For residential, provide programs to facilitate shared vehicle use (rideshare program and/or shuttle to mass transit, for example).	2	<b>OPEN. Sam Farmer</b> has verified with East Campus Parking Structure PM that 5% of spaces will be set aside for van pool. Per em from Sam on 6/1 Jay Smith is in agreement. Next step is for Sam to review with Campus Parking.	UCSD	
D	1			SS Credit 5.1	<b>Site Development, Protect or Restore Habitat</b> On previously developed or graded sites, restore or protect a minimum of 50% of the site (excluding the building footprint) or 20% of the total site area (including building footprint), whichever is greater, with native or adapted vegetation. Projects earning SS Credit 2: Development Density and Community Connectivity may include vegetated roof surface in this calculation if the plants are native or adapted, provide habitat, and promote biodiversity.	1	<b>Sam Farmer</b> has documented online.	UCSD	documented
D	1			SS Credit 5.2	<b>Site Development, Maximize Open Space</b> Reduce the development footprint (including bldg., 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%. For areas with no open space requirement, provide vegetated open space that is equal to the building footprint. For projects in urban areas that earn SS Credit 2: Development Density and Community Connectivity, vegetated roof areas can contribute to credit compliance.	1	<b>Sam Farmer</b> has documented online. Requires electronic signature from Barbara Anderson - Sam can help. Also get 1 innovation credit.	UCSD	documented
D			1	SS Credit 6	<b>Stormwater Design, Quantity Control</b> If existing imperviousness is greater than 50% (which it is), 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.	1	Per KPFF there is no reduction in volume of stormwater runoff.		

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D	1			SS Credit 6	<b>Stormwater Design, Quality Control</b> Implement a stormwater mgmt. plan that reduces impervious cover, promotes infiltration and captures and treats stormwater runoff from 90% of the average annual rainfall. BMPs must result in removing 80% of Total Suspended Solids (TSS).	1	Use LEED Site Boundary (to back of curb and north edge of Health Sciences Walk) to calculate.	RBF	
C	1			SS Credit 7	<b>Landscape and Exterior Design to Reduce Heat Islands, Non-Roof Surfaces</b> Place a minimum 50% of parking spaces under cover (any roof covering parking must have an SRI of at least 29).	1	OPEN. Sam Farmer has verified with East Campus Parking Structure PM that campus parking policy allocates spaces for ECOB. Per em from Sam on 6/1 Jay Smith is in agreement. Next step is for Sam to review with Campus Parking.	UCSD	
D	1			SS Credit 7	<b>Landscape and Exterior Design to Reduce Heat Islands, Roof Surfaces</b> Use roofing materials having a Solar Reflectance Index (SRI) of at least 78 for low-slope roofs ( $\leq 2:12$ ) for a minimum of 75% of the roof surface.	1	Single-ply TPO roofing with no ballast.	Gensler	
D			1	SS Credit 8	<b>Light Pollution Reduction</b> For Interior Lighting, the angle of maximum candela from each interior luminaire as located in the building shall intersect opaque building interior surfaces and not exit out through the windows OR all non-emergency interior lighting shall be automatically controlled to turn off during non-business hours, AND for Exterior Lighting, only light areas as required for safety and comfort. Do not exceed 80% of the lighting power densities for exterior areas and 50% for building facades and landscape features as defined by ASHRAE/IESNA Standard 90.1-2004, Exterior Lighting Section, without amendments. See LEED Rating System for descriptions of zones (dark, low, medium, high) as defined by IESNA RP-33.	1	Pedestrian path level of illumination exceeds this credit. Most projects do not achieve this credit.		

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	23	0	3	<b>Subtotal - Sustainable Sites</b>		26			
<b>Water Efficiency</b>									
D	P			WE PREREQ.	<b>Water Use Reduction</b> Use 20% less water than the water use baseline calculated for the building (not incl. irrigation) after meeting Energy Policy Act of 1992 fixture perf. req'ts. Calcs are based on estimated occupant usage and must include only the following fixtures and fixture fittings (as applicable to the project scope): water closets, urinals, lavatory faucets, showers, kitchen sink faucets and prerinse spray	P	Low flow WC's.	DEC	
D	4			WE Credit 1	<b>Water Efficient Landscaping, Reduce by 50% (2 pts) OR No Potable Water Use or No Irrigation (4 pts)</b> Reduce potable water use for irrigation by 50% from a calculated mid-summer baseline case (see LEED Ref Guide for instructions on determining the project's baseline case) OR Use only captured rainwater, recycled wastewater, recycled greywater or water treated and conveyed by a public agency specifically for non-potable uses for irrigation, OR install landscaping that does not require permanent irrigation systems. Temp irrigation is allowed if removed within one year of installation.	4	RW for all irrigation.	Spurlock - Poirier	
D			2	WE Credit 2	<b>Innovative Wastewater Technologies</b> Reduce potable water use for building sewage conveyance by 50% thru the use of water-conserving fixtures or non-potable water, OR treat 50% of wastewater on-site. Treated water must be infiltrated or reused on-site.	2	Building Advisory Committee direction is to omit reclaimed water use inside the building to eliminated potential for negative perception relative to clinical anti-spetic concerns.		
D			4	WE Credit 3	<b>Water Use Reduction</b> Employ strategies that in aggregate use less water than the water use baseline calculated for the building (not including irrigation) after meeting Energy Policy Act of 1992. Calcs are based on estimated occupant usage and must include only the following fixtures and fixture fittings (as applicable to the project scope): water closets, urinals, lavatory faucets, showers, kitchen sink faucets and prerinse spray valves. The minimum water savings percentage for each point threshold is as follows: 30% reduction = 2pts, 35% reduction = 3pts, 40% reduction = 4 pts.	4	RW use for sewage conveyance does notapply to this credit.		
	4	0	6	<b>Subtotal - Water Efficiency</b>		10			
<b>Energy &amp; Atmosphere</b>									
C	P			EA Prereq. 1	<b>Fundamental Building Systems Commissioning</b> Designate an individual as the Commissioning Authority (CxA) to verify and ensure that the building's energy-related systems are installed, calibrated and perform as intended by the owner's project requirements, basis of design and construction documents. See LEED Ref. Guide for detailed Cx requirements.	P	University has a third party commissioning agent. Needs to engage by 50% CD's.	Cx Agent UCSD	

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D	P			EA Prereq. 2	<b>Minimum Energy Performance</b> Demonstrate a 10% improvement in the proposed building performance rating for new buildings, or a 5% improvement in the proposed building performance rating for major renovations to existing buildings, compared with the baseline building performance rating of CA Title 24 - 2005.	P	30% - 45% better than ASHRAE standard. DEC Engineering and ILA Zammit. First pass at energy design. Gensler needs to provide glass and sunshade. Wait for DD. More than one energy model to ensure we meet LEED Silver.	DEC	
D	P			EA Prereq. 3	<b>Fundamental Refrigerant Management</b> Zero use of CFC-based refrigerants in new base building HVAC&R systems.	P		DEC	
D	10		9	EA Credit 1	<b>Optimize Energy Performance</b> Exceed CA Title 24 - 2005 by 12%-48% (1-19 points). This calc must include both base building and process energy costs. See LEED Ref Guide for alternate compliance paths.	19	Confirmation pending whole-building energy model. Energy model waiting on HVAC unit selection scheduled to be complete by 50% CD's.	DEC	
D			7	EA Credit 2	<b>On-Site Renewable Energy</b> Offset the building's total annual energy cost (as determined in EA c1) thru the use of on-site renewable energy systems. Offset 1% for 1 point, 3% for 2 points, 5% for 3 points, 7% for 4 points, 9% for 5 points, 11% for 6 points, and 13% for 7 points.	7	UCSD has directed the team that PV is not imminent for this project. The main electrical room is sized to accommodate any future equipment for on-site PV.		
C		2		EA Credit 3	<b>Enhanced Commissioning</b> In addition to the requirements of EAp1, designate a CxA prior to the start of construction documents who is neither involved in the project design and construction nor employed by a firm involved in the design or construction (see LEED Ref Guide for detailed req'ts). CxA shall conduct a focused review of OPR, BOD and design documents prior to mid-construction documents phase and review subsequent design submissions. CxA will review applicable contractor submittals. Develop a systems manual for operating staff. Verify that operating staff and building occupants are trained appropriately. Assure involvement of CxA in reviewing bldg. operations within 10 months after substantial completion with O&M staff and occupants. Include a plan for resolution of outstanding issues.	2	<b>OPEN.</b> University is the third party commissioning agent per confirmation from Craig Johnson, but not yet determined whether Enhanced Cx will be performed. Needs to engage by 50% CD's.	Cx Agent UCSD	
D	2			EA Credit 4	<b>Enhanced Refrigerant Management</b> Do not use refrigerant OR do not exceed the maximum threshold of combined contributions to ozone depletion and global warming potential, where LCGWP+LCODP x 105 < 100. See LEED Ref Guide for more details. Small cooling equipment (containing less than 0.5 lbs. or refrigerants) do not need to comply. Also, do not install fire suppression equipment that uses CFCs, HCFCs, Halons.	2	Not tied into a facility chilled water loop.	DEC	

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D		3		EA Credit 5	<b>Measurement and Verification</b> Develop and implement a Measurement and Verification (M&V) Plan consistent with Option D: Calibrated Simulation (Savings Estimation Method 2) or Option B: Energy Conservation Measure Isolation, as specified in IPMVP Volume III, April 2003. The M&V period shall cover a period of no less than one year of post-construction occupancy. Provide a process for corrective action if the results of the M&V plan indicate that energy savings are not being achieved.	3	<b>OPEN.</b> Per Criag Johnson FE is responsible for energy and water consumption monitoring. Sam Farmer will communicate with FE that about the expectaiont that UCSD will monitor energy usage and initiate and implement any required corrective action, but it's not decided yet.	UCSD	
C		2		EA Credit 6	<b>Green Power</b> Provide at least 35% of the building's electricity from renewable sources by engaging in at least a 2-yr. renewable energy contract. All purchases of green power shall be based on the quantity of energy consumed, not the cost. Renewable sources are ass defined by the Center for Resource Solutions (CRS) Green-e products certification requirements. Renewable energy credits (RECs) are acceptable. See www.green-e.org for more info.	2	Wait until the end of the construction credit certification process to determine if this credit is required for Silver Certification.	UCSD	
	12	7	16	<b>Subtotal - Energy &amp; Atmosphere</b>		<b>35</b>			
<b>Materials &amp; Resources</b>									
D	P			MR Prereq. 1	<b>Storage &amp; Collection of Recyclables</b> Provide an eassily accessible area that serves the entire building and is dedicated to the collection and storage of non-hazardous materials for recycling, including (at a minimum) glass, paper, corrugated cardboard, metals and plastics.	P		Gensler	
C			3	MR Credit 1.1	<b>Building Reuse, Maintain Existing Walls, Floors and Roof (55%/75%/95%)</b> Maintain (based on surface area) of existing structure (including structural floor and roof deck) and envelope (exterior skin and framing, excluding window assemblies and non-structural roofing material). Hazardous materials remediated as part of project scope are excluded. If the project includes an addition to an existing building, this credit is not applicable if the addition is more than 2 times the square footage of the existing bldg. 55% = 1 point, 75% = 2 points, 95% = 3 points.	3			
C			1	MR Credit 1.2	<b>Building Reuse, Maintain 50% of Interior Non-Structural Elements</b> Use existing interior non-structural items (interior walls, doors, floor coverings and ceiling systems) in at least 50% (by area) of the completed building (including additions). This credit is not applicable if there is an addition that is more than 2 times the squarefootage of the existing bldg.	1			

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C	2			MR Credit 2	<b>Construction Waste Management, Divert 50% /75% from Disposal</b> Recycle and/or salvage 50% (by weight or volume, consistently) of non-hazardous demo and construction waste. Develop a construction waste management plan which identifies what materials are to be recycled or salvaged and whether materials will be sorted on-site or comingled and sorted off-site. Excavated soil and land-clearing debris are excluded. 50% = 1 point, 75% = 2 points.	2	required by RFP.	CWDriver	
C			2	MR Credit 3	<b>Material Reuse, 5%/10%</b> Use salvaged, refurbished or reused materials such that the sum of these materials constitutes at least 5% (based on cost) of the total value of materials on the project. MEP 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 c3-7. 5% = 1point, 10% = 2 points.	2			
C		1	1	MR Credit 4	<b>Recycled Content, 10% /20% (post-consumer + 1/2 pre-consumer)</b> Use materials with recycled content such that the sum of post-consumer recycled content + 1/2 pre-consumer recycled content constitutes at least 10% (based on cost) of the total value of the materials in the project. MEP and specialty items are excluded. Only include materials permanently installed. Furniture may be included, if included consistently in MR c3-7. 10% = 1point, 20% = 2 points.	2		CWDriver / Gensler	
C		1	1	MR Credit 5	<b>Regional Materials, 10% /20% Extracted, Processed and Manufactured Locally</b> Use building materials that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction of a product or material is extracted/harvested/recovered and manuf. locally, then only that percentage (by weight) shall contribute to the regional value. MEP components and specialty items shall not be included. Only include materials permanently installed. Furniture may be included, providing it is included consistently in MR c3-7. 10% = 1 point, 20% = 2 points.	2	Tilt-up concrete aggregate may apply.	CWDriver / Gensler	
C			1	MR Credit 6	<b>Rapidly Renewable Materials, 2.5%</b> Use rapidly renewable materials (made from plants that are typically harvested within a 10-yr. cycle or shorter) for 2.5% of the total value of all building materials used in the project, based on cost.	1	Consider materials such as bamboo flooring, wool carpets, cotton insulation, agrifiber board, linoleum, cork acoustical underlayment. Might be difficult to reach 2.5% by cost but let's do the math before rejected the credit. CWDriver said no.		
C		1		MR Credit 7	<b>Certified Wood, 50%</b> A minimum of 50% of all wood-based materials (based on cost) shall be certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria. Only include materials permanently installed. Furniture may be included, providing it is included consistently in MR c3-7.	1	Wait until doors are procured to determine whether this credit is required for Silver Certification.	CWDriver / Gensler	

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	2	3	9	<b>Subtotal - Materials &amp; Resources</b>		14			
<b>Indoor Environmental Quality</b>									
D	P			IEQ Prereq. 1	<b>Minimum IAQ Performance</b> Meet the minimum req'ts of Section 4-7 of ASHRAE 62-2007. Mech. ventilation systems shall be designed using the Ventilation Rate Procedure of the applicable local code, whichever is more stringent. Naturally ventilated bldgs. shall comply with ASHRAE 62-2007, paragraph 5.1. (with errata but without addenda)*Project teams wishing to use addenda approved by ASHRAE for the purposes of this credit may do so at the project team's discretion. Addenda must be applied consistently across all LEED	P		DEC	
D	P			IEQ Prereq. 2	<b>Environmental Tobacco Smoke (ETS) Control</b> Prohibit smoking in the building. Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows. Provide signage to allow smoking in designated areas, prohibit smoking in designated areas or prohibit smoking on the entire property. See LEED Rating System for specific req'ts for smoking rooms and residential buildings.	P	See UCSD Policy Statement provided by Sam Farmer.	Gensler	
D	1			IEQ Credit 1	<b>Outdoor Air Delivery Monitoring</b> Monitor CO <sub>2</sub> concentrations within all densely occupied spaces (those with a design occupant density ≥ 25 people/1,000 sf). CO <sub>2</sub> monitoring locations shall be between 3 and 6 ft. above the floor. For each mech. vent. system serving non-densely occupied spaces, provide a direct outdoor airflow measurement device capable of measuring the minimum outdoor airflow rate with an accuracy of +/- 15% of the design minimum outdoor air rate, as defined by ASHRAE 62.1-2004. See LEED Ref Guide for details.	1		DEC	
D	1			IEQ Credit 2	<b>Increase Ventilation</b> For 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 62.1-2007 (with errata but without addenda*). See LEED Ref Guide for requirements in naturally ventilated spaces.	1		DEC	
C	1			IEQ Credit 3.1	<b>Construction IAQ Management Plan, During Construction</b> Meet or exceed SMACNA IAQ Guideline for Occupied Buildings under Construction 2nd Edition 2007, ANSI/SMACNA 008-2008. Protect stored on-site or installed absorptive materials from moisture damage. If permanently installed air handlers are used during construction, use MERV 8 filtration media at each return air grille. Replace filtration media immediately prior to occupancy.	1	See checklist provided by Sam Farmer. Develop IAQ Management Plan.	CWDriver / Gensler	



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C			1	IEQ Credit 3.2	<b>Construction IAQ Management Plan, Before Occupancy</b> Develop an IAQ management plan and implement it after all finishes have been installed and the building has been completely cleaned before occupancy. Perform a building flush-out by supplying a total air volume of 14,000 cu.ft. of outdoor air/sf of floor area while maintaining an internal temperature of at least 60 degrees F and relative humidity no higher than 60%, OR if occupancy is desired prior to completion of the flush out, see LEED Ref. Guide for procedure, OR conduct baseline IAQ testing after construction ends and prior to occupancy (see LEED Ref. Guide).	1	Can't afford time to do the flush out. Or a \$3000 test. If can't meet test, then no credit.		
C	1			IEQ Credit 4.1	<b>Low-Emitting Materials, Adhesives and Sealants</b> Adhesives, sealants and sealant primers used on the interior of the building must not exceed VOC limits of South Coast Air Quality Management District (SCAQMD) Rule #1168. Aerosol adhesives must meet Green Seal Standard GS-36.	1		CWDriver / Gensler	
C	1			IEQ Credit 4.2	<b>Low-Emitting Materials, Paints and Coatings</b> Architectural paints, coatings and primers used on the interior of the building must not exceed VOC limits of Green Seal Standard GS-11 (Flats:50g/L, Non-Flats:150g/L). Anti-corrosive and anti-rust paints must not exceed 250g/L as per GS-03. Clear wood finishes, stains, shellacs must not exceed VOC limits of SCAQMD Rule 1113. See LEED Ref. Guide for more details.	1		CWDriver / Gensler	
C	1			IEQ Credit 4.3	<b>Low-Emitting Materials, Flooring Systems</b> All flooring must comply with the following as applicable to the project scope: All carpet installed in the building interior must meet the testing and product requirements of the Carpet and Rug Institute Green Label Plus program. All carpet cushion installed in the building interior must meet the requirements of the Carpet and Rug Institute Green Label program. All carpet adhesive must meet the requirements of IEQ Credit 4.1: Adhesives and Sealants, which includes a volatile organic compound (VOC) limit of 50 g/L. All hard surface flooring must be certified as compliant with the FloorScore standard (current as of the date of this rating system, or more stringent version) by an independent third-party. Flooring products covered by FloorScore include vinyl, linoleum, laminate flooring, wood flooring, ceramic flooring, rubber flooring and wall base.  An alternative compliance path using FloorScore is acceptable for credit achievement: 100% of the non-carpet finished flooring must be FloorScore-certified and must constitute at least 25% of the finished floor area. Examples of unfinished flooring include floors in mechanical rooms, electrical rooms and elevator service rooms. Concrete, wood, bamboo and cork floor finishes such as sealer, stain and finish must meet the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004. Tile setting adhesives and grout must meet South Coast Air Quality Management District (SCAQMD) Rule 1168. VOC limits correspond to an effective date of July 1, 2005 and rule	1		CWDriver / Gensler	

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C	1			IEQ Credit 4.4	<b>Low-Emitting Materials, Composite Wood and Agrifiber Products</b> Composite wood or agrifiber products and laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies must contain no added urea-formaldehyde resins. FF&E is excluded.	1	Products include particleboard, medium density fiberboard (MDF), plywood, wheatboard, strawboard, panel substrates and door cores.	CWDriver / Gensler	
D	1			IEQ Credit 5	<b>Indoor Chemical and Pollutant Source Control</b> Emply permanent entryway systems at least TEN ft. long in the primary direction of travel to capture dirt and particulated from entering the building at all regularly used exterior entrances (i.e.grills, grates, slotted systems, roll-out mats only if maintained on a weekly basis). In spaces where hazardous gases or chemicals may be present, create negative pressure, deck-to-deck partitions or a hard lid ceiling. See LEED Ref Guide for exhaust rate and pressure differential requirements. In mech. ventilated bldgs, use new MERV 13 air filtration media in regularly occupied areas. Provide containment (a closed container for storage for off-site disposal in a regulatory compliant storage area, preferably outside the building) for appropriate disposal of hazardous liquid wastes in places where water and chemical concentrate mixing occurs.	1	Stair 2 is not long enough to install TEN ft. entryway system.	Gensler/ DEC	
D	1			IEQ Credit 6.1	<b>Controllability of Systems, Lighting</b> Provide individual lighting controls for 90% (minimum) of the bldg. 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.	1		ILA Zammit / DEC	
D			1	IEQ Credit 6.2	<b>Controllability of Systems, Thermal Comfort</b> Provide individual comfort controls for 50% (minimum) of the bldg. occupants. Operable windows can be used in lieu of comfort controls for occupants of areas that are 20 ft. inside of and 10 ft. to either side of the operable part of the window. Areas of op. windows must meet ASHRAE 62.1-2007, paragraph 5.1 Natrual Ventilation, AND provide comfort systems for all shared multi-occupant spaces that control at least one of the following: air temperature, radiant temp., air speed or humidity.	1			
D	1			IEQ Credit 7.1	<b>Thermal Comfort, Design</b> Design HVAC systems ad the bldg. envelope to meet ASHRAE 55-2004 (with errata but without addenda*) Demonstrate compliance in accordance with Section 6.1.1 Documentation.	1		DEC	
D			1	IEQ Credit 7.2	<b>Thermal Comfort, Verification</b> Must achieve IEQ Credit 7.1: Thermal Comfort—Design. Provide a permanent monitoring system to ensure that building performance meets the desired comfort criteria as determined by IEQ Credit 7.1: Thermal Comfort—Design. Agree to implement a thermal comfort survey of building occupants within a period of 6-18 months after occupancy. Agree to develop a plan for corrective action if survey results indicate more than 20% of occupants are dissatisfied with thermal comfort in the bldg. This plan should include measurement of relevant variables as per ASHRAE 55-2004 (with	1	Requires a survey by UCSD FM / FE.	DEC / UCSD	

UCSD East Campus Office Building					Last Revised by Gensler on:		2/15/11		
LEED Credit Tracking Summary (LEED-NC 2009)									
design		Credits in Green are targeted and should be incorporated / priced accordingly. Credits in Blue are still under consideration but can be priced. Credits in Gray are not being p							
const		D/C notes whether the credit or prerequisite is a Design Phase (D) or Construction Phase (C) submittal.							
D/C	YES	MAYBE	NO	CREDIT #	CREDIT REQUIREMENTS	TOTAL AVAIL PTS	Action Items / Assumptions	RESP. PARTY - PERSON	LEED ONLINE STATUS
D			1	IEQ Credit 8.1	<b>Daylight and Views - Daylight</b> Through 1 of the 4 options outlined in the LEED Ref Guide, achieve daylighting in at least 75% of all regularly occupied spaces. See LEED Ref Guide for details.	1			
D			1	IEQ Credit 8.2	<b>Daylight and Views - Views</b> Achieve a direct line of sight to the outdoor environment via vision glazing between 30 inches and 90 inches above the finish floor for building occupants in 90% of all regularly occupied areas. For private offices, the entire square footage of the office may be counted if 75% or more of the area has a direct line of sight to perimeter vision glazing. For multi-occupant spaces, the actual square footage with a direct line of sight to perimeter vision glazing is counted.	1			
	<b>8</b>	<b>3</b>	<b>4</b>	<b>Subtotal - Indoor Environmental Quality</b>		<b>15</b>			
<b>Innovation &amp; Design Process</b>									
D		1		ID Credit 1.1	<b>Innovation in Design</b> Green Housekeeping or Other	1	Sam Farmer to verify whether UCSD has a policy	UCSD	
D		1		ID Credit 1.2	<b>Innovation in Design</b> Green Education or Other	1		Gensler	
D			1	ID Credit 1.3	<b>Innovation in Design</b> Reclaimed Water for Sanitary Sewer (WE c2)	1			
D	1			ID Credit 1.4	<b>Innovation in Design</b> See SSc5.2	1		UCSD	documented
D		1		ID Credit 1.5	<b>Innovation in Design</b> TBD	1			
D	1			ID Credit 2	<b>LEED Accredited Professional</b> At least one principal participant of the project team must be a LEED AP.	1			
	<b>2</b>	<b>3</b>	<b>1</b>	<b>Subtotal - Indoor Environmental Quality</b>		<b>6</b>			
<b>Regional Priority Credits</b>									
D	1			RP Credit 1.1	<b>Regional Priority</b> SSc4.1	1		Gensler	
D			1	RP Credit 1.2	<b>Regional Priority</b> WEc2	1			
D			1	RP Credit 1.3	<b>Regional Priority</b> WEc3	1			
D			1	RP Credit 1.4	<b>Regional Priority</b> EAc2	1			

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D/C	YES	MAYBE	NO	CREDIT #	CREDIT REQUIREMENTS	TOTAL AVAIL PTS	Action Items / Assumptions	RESP. PARTY - PERSON	LEED ONLINE STATUS
	1	0	3	Subtotal - Regional Priority Credits		4			
	52	16	42	TOTAL		110			