



LEED New Construction v.2.2 <i>semi</i> BLANK Study Guide					
Credit Number	Credit Name	Intent and Implementation	Code or Standards	Extra Credit	Sub. Phase
Sustainable Sites					
SSP1	Construction Activity Pollution Prevention		1 - EPA 2003 2 - NPDES	X	construction
SS1	Site Selection		1 - USDA 2 - FEMA 3 - CFR 4 - Clean Water Act	X	design
SS2	Density Development & Community Connectivity		n/a	X	
SS3	Brownfield Re-development		1 - ASTM E1903-97 2 - EPA Brownfield Definition 3 - local codes	X	
SS4.1	Alternative Trans. - Public Transportation Access		n/a	Trans. mgmt. plan showing quantifiable auto reduction	

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SS4.2	Alternative Trans. - Bike Storage & Changing Rooms		n/a	Trans. mgmt. plan showing quantifiable auto reduction	design
SS4.3	Alternative Trans. - Low-E & Fuel Eff. Vehicles		1 - California Air Resources Board Zero Emission Vehicles (ZEV) 2 - Amer. Council for an Energy Eff. Economy (ACEEE)	Trans. mgmt. plan showing quantifiable auto reduction	
SS4.4	Alternative Trans. - Parking Capacity		n/a	Trans. mgmt. plan showing quantifiable auto reduction	
SS5.1	Site Development - Protect or Restore Habitat		n/a	75% Green	construction
SS5.2	Site Development - Maximize Open Space		n/a	<u>Case 1:</u> exceed local by 50% <u>Case 2:</u> double bldg. footprint <u>Case 3:</u> 40% of site area open	design

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SS6.1	Stormwater Design - Quantity Control		n/a	X	design
SS6.2	Stormwater Design - Quality Control		Coastal Waters 1993	X	design
SS7.1	Heat Island Effect - Non-Roof		n/a	<u>Option 1:</u> 100% shade <u>Option 2:</u> 100% covered parking	construction
SS7.2	Heat Island Effect -Roof		ASTM E1980-01	100% green roof	design
SS8	Light Pollution Reduction		ASHRAE/IESNA 90.1 - 2004	X	design



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Water Efficiency					
WE1.1	Water Efficient Landscaping - Reduce by 50%		n/a	X	All Design
WE1.2	Water Efficient Landscaping - No Potable Water Use or No Irrigation		n/a	X	
WE2	Innovative Wastewater Technologies		n/a	Reduce or treat 100%	
WE3.1	Water Use Reduction - 20%		Energy Policy Act 1992 (EPAct)	40% Reduction or 10% Saving \$	
WE3.2	Water Use Reduction - 30%				

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Energy and Atmosphere					
EAP1	Fundamental Commissioning of the Building Energy Systems		n/a	X	construction
EAP2	Minimum Energy Performance		ASHRAE 90.1 - 2004	X	design
EAP3	Fundamental Refrigerant Management		EPA - Montreal Protocol 1987	X	
EAI	Optimize Energy Performance		<u>Option 1</u> - ASHRAE 90.1 - 2004 <u>Option 2</u> - 2004 ASHRAE Advance Engy. Design Guide for Small Off. Bldgs. <u>Option 3</u> - Benchmark 1.1	X	
EA2	On-Site Renewable Energy		CB ECS	X	

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EA3	Enhanced Commissioning		n/a	X	construction
EA4	Enhanced Refrigerant Management		EPA - Montreal Protocol 1987	X	design
EA5	Measurement & Verification		n/a	X	construction
EA6	Green Power		n/a	Case I: Purchase 70% green-e or 4 yr. contract	construction

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Materials and Resources						
MRPI	Storage & Collection of Recyclables		n/a	X	design	
MRI.1	Building Reuse - Maintain 75% of Existing Walls, Floors & Roof			X	construction	
MRI.2	Building Reuse - Maintain 95% of Existing Walls, Floors & Roof			n/a		X
MRI.3	Building Reuse - Maintain 50% of the Interior Non-Structural Elements					X
MR2.1	Construction Waste Management - Divert 50% from Disposal		n/a	95%		

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MR2.2	Construction Waste Management - Divert 75% from Disposal		n/a	95%	construction
MR3.1	Materials Reuse - 5%		n/a	15%	
MR3.2	Materials Reuse - 10%				
MR4.1	Recycled Content - 10% (post-consumer + 1/2 pre-consumer)		ISO 14021	30%	
MR4.2	Recycled Content - 20% (post-consumer + 1/2 pre-consumer)				

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MR5.1	Regional Materials - 10% Extracted, Processed & Manufactured Regionally				construction
MR5.2	Regional Materials - 20% Extracted, Processed & Manufactured Regionally		n/a	40%	
MR6	Rapidly Renewable Materials		n/a	5%	
MR7	Certified Wood		FSC	95%	

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Indoor Environmental Quality					
EQP1	Minimum IAQ Performance		ASHRAE 62.1 - 2004	X	design
EQP2	Environmental Tobacco Smoke (ETS) Control		ANSI/ASTM E779-03	X	
EQ1	Outdoor Air Delivery Monitoring		n/a	X	
EQ2	Increase Ventilation		1 - ASHRAE 62.1 - 2004 2 - Carbon Trust Good Practice Guide 2347 3 - CUBES Manual 10: 2005	X	
EQ3.1	Construction IAQ Management Plan - During Construction		1 - SMACNA 2 - ASHRAE 52.2 - 1999	X	construction

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EQ3.2	Construction IAQ Management Plan - Before Occupancy		EPA "Compendium of Methods for Determination of Air Pollutants in Indoor Air"	X	construction
EQ4.1	Low-Emitting Materials - Adhesives & Sealants		1 - SCAQMD # 1168 - 2003 2 - Green Seal (GS-36)	X	
EQ4.2	Low-Emitting Materials - Paints & Coatings		1 - Paints: GS-11 2 - Anti-rust/corrsv.: GS-03 3 - Clear wood finishes, floor coatings, stains, sealers, shellacs: SCAQMD #1113	X	
EQ4.3	Low-Emitting Materials - Carpet Systems		Carpet & Rug Institute <i>Green Label Plus</i> Testing Program	X	
EQ4.4	Low-Emitting Materials - Composite Wood & Agrifiber		n/a	X	

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EQ5	Indoor Chemical & Pollutant Source Control		ASHRAE 52.1 - 1999	X	design
EQ6.1	Controllability of Systems - Lighting		n/a	X	
EQ6.2	Controllability of Systems - Thermal Comfort		1 - (Multi occupancy): ASHRAE 55 - 2004 2 - (Natural Vent.): ASHRAE 62.1 - 2004	X	
EQ7.1	Thermal Comfort - Design		ASHRAE 55 - 2004	X	
EQ7.2	Thermal Comfort - Verification			X	



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EQ8.1	Daylighting & Views, Daylight 75% of Spaces		n/a	95%	design
EQ8.2	Daylighting & Views, Views for 90% of Spaces		n/a	case by case	
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Innovation and Design					
IDI.1 - 1.4	Innovation in Design		n/a	X	design
ID2	LEED Accredited Professional		n/a	X	construction

Good luck from:



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