



Port of San Francisco 2011 Green Building Requirements Summary and Verification Form LEED Rating System option

LEED Scorecard

Note: LEED for New Construction and Major Renovation Scorecard shown below. For projects using other LEED Rating Systems (such as Core & Shell, Commercial Interiors, etc.) to comply with Port of San Francisco Green Building Requirements, replace this checklist with the LEED Checklist that applies to your project type.

To	T	No	Sustainable Sites	26	Points
Y			Prereq 1 Construction Activity Pollution Prevention	1	Required
			Detail 1 Site Selection	1	
			Detail 2 Development Density & Community Connectivity	5	
			Detail 3 Brownfield Redevelopment	1	
			Detail 4.1 Alternative Transportation, Public Transportation Access	6	
			Detail 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms	1	
			Detail 4.3 Alternative Transportation, Low-Emitting & Fuel-Efficient Vehicles	3	
			Detail 4.4 Alternative Transportation, Parking Capacity	2	
			Detail 5.1 Site Development, Protect or Restore Habitat	1	
			Detail 5.2 Site Development, Maximize Open Space	1	
			Detail 5.3 Stormwater Design, Quantity Control	1	
			Detail 5.4 Stormwater Design, Quality Control	1	
			Detail 7.1 Heat Island Effect, Non-Roof	1	
			Detail 7.2 Heat Island Effect, Roof	1	
			Detail 8 Light Pollution Reduction	1	
			Water Efficiency	10	Points
			Prereq 1 Water Use Reduction, 20% Reduction	2	Required
			Detail 1.1 Water Efficient Landscaping, Reduce by 50%	2	
			Detail 1.2 Water Efficient Landscaping, No Potable Use or No Irrigation	2	
			Detail 2 Innovative Wastewater Technologies	2	
			Detail 3.1 Water Use Reduction, 30% Reduction	2	
			Detail 3.2 Water Use Reduction, 40% Reduction	2	
			Energy & Atmosphere	35	Points
			Prereq 1 Fundamental Commissioning of the Building Energy Systems	1	Required
			Prereq 2 Minimum Energy Performance: 6% New Buildings or 5% Existing Buildings Renovations	1	Required
			Prereq 3 Fundamental Refrigerant Management	1	Required
			Detail 1 Optimize Energy Performance	1 to 19	
			12% New Buildings or 8% Existing Building Renovations	1	
			16% New Buildings or 12% Existing Building Renovations	3	
			20% New Buildings or 16% Existing Building Renovations	5	
			24% New Buildings or 20% Existing Building Renovations	7	
			28% New Buildings or 24% Existing Building Renovations	9	
			32% New Buildings or 28% Existing Building Renovations	11	
			36% New Buildings or 32% Existing Building Renovations	13	
			40% New Buildings or 36% Existing Building Renovations	15	
			44% New Buildings or 40% Existing Building Renovations	17	
			48% New Buildings or 44% Existing Building Renovations	19	
			Detail 2 On-Site Renewable Energy	1 to 7	
			1% Renewable Energy	1	
			5% Renewable Energy	3	
			9% Renewable Energy	5	
			13% Renewable Energy	7	
			Detail 3 Enhanced Commissioning	2	
			Detail 4 Enhanced Refrigerant Management	2	
			Detail 5 Measurement & Verification	3	
			Detail 6 Green Power	2	
			Materials & Resources	15	Points
			Prereq 1 Storage & Collection of Recyclables	2	Required
			Detail 1.1 Building Reuse, Maintain 75% of Existing Walls, Floors & Roof	1	
			Detail 1.2 Building Reuse, Maintain 85% of Existing Walls, Floors & Roof	1	
			Detail 1.3 Building Reuse, Maintain 90% of Existing Walls, Floors & Roof	1	
			Detail 2.1 Construction Waste Management, Divert 50% from Deposal	1	
			Detail 2.2 Construction Waste Management, Divert 75% from Deposal	1	
			Detail 3.1 Materials Reuse, 5%	1	
			Detail 3.2 Materials Reuse, 10%	1	
			Detail 4.1 Recycled Content, 10% (post-consumer + % pre-consumer)	1	
			Detail 4.2 Recycled Content, 20% (post-consumer + % pre-consumer)	1	
			Detail 5.1 Regional Materials, 10% Extracted, Processed & Manufactured Regionally	1	
			Detail 5.2 Regional Materials, 20% Extracted, Processed & Manufactured Regionally	1	
			Detail 6 Rapidly Renewable Materials	1	
			Detail 7 Certified Wood	1	
			Indoor Environmental Quality	15	Points
			Prereq 1 Minimum IAQ Performance	1	Required
			Prereq 2 Environmental Tobacco Smoke (ETS) Control	1	Required
			Prereq 3 Outdoor Air Delivery Monitoring	1	Required
			Detail 1 Increased Ventilation	1	
			Detail 3.1 Construction IAQ Management Plan, During Construction	1	
			Detail 3.2 Construction IAQ Management Plan, Before Occupancy	1	
			Detail 4.1 Low-Emitting Materials, Adhesives & Sealants	1	
			Detail 4.2 Low-Emitting Materials, Paints & Coatings	1	
			Detail 4.3 Low-Emitting Materials, Flooring Systems	1	
			Detail 4.4 Low-Emitting Materials, Composite Wood & Agrifiber Products	1	
			Detail 5 Indoor Chemical & Pollutant Source Control	1	
			Detail 5.1 Controllability of Systems, Lighting	1	
			Detail 5.2 Controllability of Systems, Thermal Comfort	1	
			Detail 7.1 Thermal Comfort, Design	1	
			Detail 7.2 Thermal Comfort, Verification	1	
			Detail 8.1 Daylight & Views, Daylight 75% of Spaces	1	
			Detail 8.2 Daylight & Views, Views for 80% of Spaces	1	
			Innovation & Design Process	6	Points
			Detail 1.1 Innovation in Design: Provide Specific Title	1	
			Detail 1.2 Innovation in Design: Provide Specific Title	1	
			Detail 1.3 Innovation in Design: Provide Specific Title	1	
			Detail 1.4 Innovation in Design: Provide Specific Title	1	
			Detail 1.5 Innovation in Design: Provide Specific Title	1	
			Detail 2 LEED Accredited Professional	1	
			Regional Bonus Credits	4	Points
			Detail 1.1 Region Specific Environmental Priority: Region Defined	1	
			Detail 1.2 Region Specific Environmental Priority: Region Defined	1	
			Detail 1.3 Region Specific Environmental Priority: Region Defined	1	
			Detail 1.4 Region Specific Environmental Priority: Region Defined	1	
			Project Totals (Certification Estimates)	110	Points
			Platinum: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points		

REQUIREMENTS

Instructions:
Select the column below that corresponds to your project type. Fill in the blank lines to show that the number of points identified on your LEED checklist meets or exceeds the required number. Check the box by each required measure to indicate that you intend to earn the indicated LEED credits and/or comply with the listed local requirements. For each applicable requirement, use the "Reference" column to indicate where in the submittal documents compliance with the requirement can be verified. For reference, a brief summary is included for each local requirement that is not required to be met via a LEED credit. All applicable LEED prerequisites are required.

Summary of Green Building Requirements:	New Large Commercial	New High-Rise Residential	Commercial Interior	Commercial Alteration	Residential Alteration	
LEED certification level (includes prerequisites):	SILVER	SILVER	SILVER	SILVER	SILVER	
Base number of required Points:	50	50	50	50	50	
Adjustment for retention / demolition of historic features / building:	___	___	n/a	___	___	
Final number of required Points (base number +/- adjustment):	___	___	n/a	___	___	
Number of Points on LEED Checklist (Must be greater than requirement):	___	___	___	___	___	
Specific Local Requirements: LEED (n/r indicates a measure is not required)						Reference (Indicate Plan Set Sheet & Detail, or Specification, where applicable)
Construction Waste Management – 75% Diversion LEED MR 2, 2 points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Meet C&D ordinance only	<input type="checkbox"/>	
15% Energy Reduction Compared to Title-24 2008 (or ASHRAE 90.1-2007) LEED EA 1, 3 points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LEED prerequisite only	LEED prerequisite only	
Enhanced Commissioning of Building Energy Systems LEED EA 3	<input type="checkbox"/>	LEED prerequisite only	LEED prerequisite only	LEED prerequisite only	LEED prerequisite only	
Water Use - 30% Reduction LEED WE 3, 2 points	<input type="checkbox"/>	<input type="checkbox"/>	LEED prerequisite only	LEED prerequisite only	LEED prerequisite only	
Water Efficient Irrigation: Projects that include 1,000 square feet or more of new or modified landscape must comply with the San Francisco Water Efficient Irrigation Ordinance. (May meet LEED WE 1)	<input type="checkbox"/>	<input type="checkbox"/>	n/r	May apply if project includes landscapes		
Construction Site Runoff Pollution Prevention: Provide a construction site Stormwater Pollution Prevention Plan and implement SFPUC Best Management Practices. LEED SS prerequisite 1	<input type="checkbox"/>	<input type="checkbox"/>	n/r	May apply if project extends beyond building envelope		
Stormwater Control Plan - Projects disturbing >5,000 square feet must implement a Stormwater Control Plan meeting SFPUC Stormwater Design Guidelines, including LEED SS 6.1 or 6.2, as applicable	<input type="checkbox"/>	<input type="checkbox"/>	n/r	May apply if project extends beyond building envelope		
Enhanced Refrigerant Management LEED EA 4	<input type="checkbox"/>	n/r	n/r	n/r	n/r	
Indoor Air Quality Management Plan LEED IEQ 3.1	<input type="checkbox"/>	n/r	n/r	n/r	n/r	
Low-Emitting Materials LEED IEQ 4.1, 4.2, 4.3, and 4.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Recycling by Occupants: Provide space for storage, collection, and loading of compost, recycling, and trash. Exceeds requirements of LEED MR prerequisite 1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Specific Local Requirements: Other						Reference (Indicate Plan Set Sheet & Detail, or Specification, where applicable)
Bicycle parking: Provide short-term and long-term bicycle parking for 5% of total motorized parking capacity each, or meet San Francisco Planning Code Sec 155, whichever is greater, or meet LEED credit SSC4.2. (13C.5.106.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/r	n/r	
Designated parking: Mark 8% of total parking stalls for low-emitting, fuel efficient, and carpool/van pool vehicles. (13C.5.106.5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/r	n/r	
Light pollution reduction: Contain lighting within each source. No more than .01 horizontal footcandles 15 feet beyond site, or meet LEED credit SSC8. (13C.5.106.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/r	n/r	
Water Meters: Provide submeters for spaces projected to consume more than 1,000 gal/day, or more than 100 gal/day if in building over 50,000 sq. ft. (13C.5.303.1)	<input type="checkbox"/>	n/r	n/r	n/r	n/r	
Air Filtration: Provide at least MERV-8 filters in regularly occupied spaces of mechanically ventilated buildings (or LEED credit IEQ 5). (13C.5.504.5.3)	<input type="checkbox"/>	n/r	<input type="checkbox"/>	n/r	n/r	
Air Filtration: Provide MERV-13 filters in residential buildings in air-quality hot-spots (or LEED credit IEQ 5). (SF Health Code Article 38)	n/r	<input type="checkbox"/>	n/r	n/r	n/r	
Acoustical Control: Wall and roof-ceilings STC 50, exterior windows STC 30, party walls and floor-ceilings STC 40. (13C.5.507.4)	<input type="checkbox"/>	see note 1	<input type="checkbox"/>	n/r	n/r	

- Notes:**
- 1) Residential buildings must meet acoustical requirements of California Building Code Section 1207
 - 2) This submittal form is approved for all applicable projects submitting initial application for building permit from January 1, 2011 through Dec. 31, 2011.
 - 3) Table above is a summary only. See full text of Port of San Francisco Building Code for details.

VERIFICATION

Project Name _____

FIN _____

Address _____

Primary Occupancy _____

Gross Building Area _____

Option 1:

Verification of compliance for this project will be provided by USGBC/GBCI certification under the LEED Rating system. No Green Building Compliance Professional of Record is required.

Permit Applicant – Sign & Date _____

OR

Option 2:

This project will not be LEED certified. The Green Building Compliance Professional of Record for this project is:

Name _____

Firm _____

Architectural or Engineering License _____

I am a LEED Accredited Professional
of Certified LEED Projects Completed: _____

To the best of my knowledge, it is my professional opinion the Green Building requirements of the Port of San Francisco will be met for the above referenced project. I have been retained by the project sponsor to review all submittal documents and construction properly reflect the Green Building requirements of Chapter 13C. I will notify the Chief Harbor Engineer if I believe to the best of my knowledge that the project will, for any reason, not substantially comply with these green building requirements, or if I am no longer the Green Building Compliance Professional of Record for this project.

Licensed Professional: Sign & Date _____

Affix professional stamp: _____

Submittal Template:
LEED

Insert Project Name / Titleblock here