# Green Building: Site Permit Checklist

**BASIC INFORMATION:**

These facts, plus the primary occupancy, determine which requirements apply. For details, see AB 093 Attachment A Table 1.

<table>
<thead>
<tr>
<th>Sheet</th>
<th>Date of Issue</th>
<th>Project Name / Titleblock here</th>
<th>GreenBuilding: Site Permit Checklist</th>
<th>Attachment C-2 - GreenBuilding: Site Permit Checklist</th>
<th>Version: July 18, 2012</th>
</tr>
</thead>
</table>

## ALL PROJECTS, AS APPLICABLE

- Construction activity stormwater pollution prevention and site runoff controls - Provide a construction site Stormwater Pollution Prevention Plan and implement SFPCU Best Management Practices.
- Stormwater Control Plan: Projects disturbing 25,000 square feet must implement a Stormwater Control Plan meeting SFPCU Stormwater Design Guidelines.
- Water Efficient Irrigation - Projects that include 2,000 square feet of new or modified landscape must comply with the SFPCU Water Efficient Irrigation Ordinance.
- Construction Waste Management – Comply with the San Francisco Construction & Demolition Ordinance.
- Recycling by Occupants: Provide adequate space and equal access for storage, collection and towing of compostable, recyclable and landfill materials. See Administrative Bulletin 088 for details.

## LEED PROJECTS

### Type of Project Proposed (Indicate at right)

- **Overall Requirements:**
  - LEED certification level (includes prerequisites)
  - Base number of required points:
    - Air Filtration
    - Base number of occupied floors
    - Number of occupied floors
    - Number of points the project must meet or exceed
    - Energy Use Reduction
    - Energy Use Reduction (if not shown below, it appears here in parentheses)

- **Construction Waste Management – 75% Diversion**
  - LEED WP-2.1 points

- **Enhanced Commissioning of Building Energy Systems**
  - LEED EA 4.1 points

- **Energy Efficiency:**
  - Demonstrate a 35% energy use reduction compared to 2008 California Energy Code.
  - Effective January 1, 2012:
    - **Residential:** Demonstrate an additional 10% energy use reduction if total annual energy use (LEED EA-4.2) or
    - **Commercial:** Demonstrate an additional 20% energy use reduction if total annual energy use (LEED EA-4.3) and meet LEED credit 11C.5.4.1.5 (13C.5.4.1.5)

- **Construction quality assurance and quality management plan:**
  - LEED EA 4.2 points

- **Air Filtration:**
  - LEED EA 4.3 points

- **Water Use - 30% Reduction:**
  - LEED WP-2.1 points

- **Waste Water Management:**
  - LEED WA 6.1 points

- **Low-Emitting Materials:**
  - LEED IEQ 4.1, 4.2, 4.3, and 4.4 points

- **Recycling by Occupants:**
  - LEED IEQ 4.5 points

- **Energy Efficiency:**
  - Demonstrate at least 20% energy use reduction compared to 2008 California Energy Code.

- **Construction Quality Assurance:**
  - LEED EA 4.2 points

- **Waste Water Management:**
  - LEED WP-2.1 points

- **Low-Emitting Materials:**
  - LEED IEQ 4.1, 4.2, 4.3, and 4.4 points

- **Designated parking:**
  - LEED WP-2.1 points

- **Water Use - 30% Reduction:**
  - LEED WP-2.1 points

- **Energy Efficiency:**
  - Demonstrate at least 20% energy use reduction compared to 2008 California Energy Code.

- **Construction Quality Assurance:**
  - LEED EA 4.2 points

- **Waste Water Management:**
  - LEED WP-2.1 points

- **Low-Emitting Materials:**
  - LEED IEQ 4.1, 4.2, 4.3, and 4.4 points

- **Designated parking:**
  - LEED WP-2.1 points

- **Water Use - 30% Reduction:**
  - LEED WP-2.1 points

- **Energy Efficiency:**
  - Demonstrate at least 20% energy use reduction compared to 2008 California Energy Code.

### Notes

- **New Large Residential Mid-Rise:**
  - New Residential Mid-Rise Base number of required points:
    - LEED WP-2.1 points

- **NEW MIXED-USE 4-STORY BLDG**

- **Construction activity stormwater pollution prevention and site runoff controls**

- **Stormwater Control Plan:** Projects disturbing 25,000 square feet must implement a Stormwater Control Plan meeting SFPCU Stormwater Design Guidelines.

- **Construction Waste Management – 75% Diversion**

- **Enhanced Commissioning of Building Energy Systems**

- **Energy Efficiency:**

- **Construction Quality Assurance:**

- **Waste Water Management:**

- **Low-Emitting Materials:**

- **Designated parking:**

- **Water Use - 30% Reduction:**

- **Energy Efficiency:**

- **Construction Quality Assurance:**

- **Waste Water Management:**

- **Low-Emitting Materials:**

- **Designated parking:**

- **Water Use - 30% Reduction:**

- **Energy Efficiency:**

- **Construction Quality Assurance:**

- **Waste Water Management:**

- **Low-Emitting Materials:**

- **Designated parking:**

- **Water Use - 30% Reduction:**

- **Energy Efficiency:**

- **Construction Quality Assurance:**

- **Waste Water Management:**

- **Low-Emitting Materials:**

- **Designated parking:**

### Requirements for additions or alterations

1. **New residential projects of 75' or greater must use the "New Residential Mid-Rise" column.**

2. **Silver depends on unit size. See LEED for Homes Mid-Rise Rating for details.**

3. **Other New Residential LEED or GreenPoint checklist is not required to be submitted with the site permit application, but such tools are strongly recommended to be used.**

### Instructions

As part of application for site permit, this form acknowledges the specific green building requirements that apply to a project under San Francisco Building Code Chapter 13C, California Title 24 Part 11, and related local codes. Attachment C3, C4, or C5 will be due with the applicable addendum. To use the form:

1. (a) Provide basic information about the project in the box at left. This info determines which green building requirements apply.

2. (b) Indicate in one of the columns below which type of project is proposed. If applicable, fill in the blank lines below to identify the number of points the project must meet or exceed. A LEED or GreenPoint checklist is not required to be submitted with the site permit application, but such tools are strongly recommended to be used.

### Other applicable non-residential projects

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Type of Project Proposed (Check box if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Efficiency</td>
<td>Demonstrates a 15% energy use reduction compared to 2008 California Energy Code. (13C.5.11)</td>
</tr>
<tr>
<td>Bicycle Parking</td>
<td>Provide short-term and long-term bicycle parking for 5% of total registered parking capacity, or meet San Francisco Planning Code Sec. 108, whichever is greater (or LEED credit 5B.2.5). (13C.5.10.6)</td>
</tr>
<tr>
<td>Fuel Efficient Vehicle and Carpooling Parking</td>
<td>Provide short-term and long-term parking for 25% of the building's total automobile capacity, unless 5% of total automobile capacity is required. (13C.5.4.1.5)</td>
</tr>
<tr>
<td>Water Metrology</td>
<td>Provide meters for spaces projected to consume 110,000 gallons, or more than 9,000 gallons per year. (13C.5.4.1.6)</td>
</tr>
<tr>
<td>Indoor Water Efficiency</td>
<td>Reduce overall use of private water within the building to 7% of the building's total annual water consumption for Title 24, or the building's total annual water consumption for Title 24, whichever is greater. (13C.5.10.6)</td>
</tr>
<tr>
<td>Outdoor Water Efficiency</td>
<td>Reduce overall use of private water within the building to 7% of the building's total annual water consumption for Title 24, or the building's total annual water consumption for Title 24, whichever is greater. (13C.5.10.6)</td>
</tr>
<tr>
<td>Pointe and Sprinklers: Energy and water VOCs limits and California Code of Regulations Title 13 for aerosol paints. (13C.5.504.4.4)</td>
<td></td>
</tr>
<tr>
<td>Paints and Coatings:</td>
<td>California Code of Regulations Title 13 for architectural Coatings Suggested Control Measure and California Code of Regulations Title 13 for Aerosol paints. (13C.5.504.4.5)</td>
</tr>
<tr>
<td>Carpets:</td>
<td>Postal service toscore 100% or LEED for Communities Mid-Rise Rating. (13C.5.504.4.6)</td>
</tr>
<tr>
<td>Indoor Air Quality Management Plan</td>
<td>LEED IEQ 3.1 points</td>
</tr>
</tbody>
</table>

### Additional Requirements for New A, B, L, OR M Occupancy Projects 5,000 - 25,000 Square Feet

- See CBC 1207

### Construction Waste Management – Compliance with the San Francisco Planning Code Sec 155, whichever is greater, or

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- California Code of Regulations Title 13 for aerosol paints. (13C.5.504.4.3) |

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### Additional Requirements for New A, B, L, OR M Occupancy Projects 5,000 - 25,000 Square Feet

- See CBC 1207
NEW MIXED-USE 4-STORY BLDG
6042, 6044, 6046, 6048 GEARY BOULEVARD
BLOCK 1456, LOT 023
SAN FRANCISCO, CA 94121

A-1.1

GROUND & SECOND FLOOR PLANS

SCALE: 1/4" = 1'-0"
ALL DIMENSIONS FROM FINISH TO FINISH, U.O.N.

SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
ALL DIMENSIONS FROM FINISH TO FINISH, U.O.N.

GROUND FLOOR PLAN

SCALE: 1/4" = 1'-0"
ALL DIMENSIONS FROM FINISH TO FINISH, U.O.N.
NEW MIXED-USE 4-STORY BLDG
6042, 6044, 6046, 6048 GEARY BOULEVARD
SAN FRANCISCO, CA 94121

A-2.0
140513
FRONT ELEVATION

YIP 08/18/14  PRE-APP
YIP 10/29/14  ADD RETAIL
7/15/15  UDAT

GROUND FLOOR
±0"

SECOND FLOOR
+13'-10"

THIRD FLOOR
+24'-2"

FOURTH FLOOR
+34'-6"

ROOF
+45'

ALUM WINDOWS BY BONELLI OR EQ., TYP.
GSM FLASHING, TYP.
HARDIE REVEAL PANEL SYSTEM OR EQ., TYP.
ALUM. RAINSCREEN PANEL BY NORTHCLAD OR EQ., TYP.
42" HT. METAL GUARDRAIL, TYP.
ALUMINUM STOREFRONT SYSTEM
1X HORIZONTAL SIDING, TYP.
RUSTIC FINISHED PINE WOOD OR EQ., TYP.
ALUM. OR STEEL C-CHANNEL OR EQ., TYP.
PERFORATED ALUM. PANELS, TYP.
STAIR PENTHOUSE
42" HT. METAL GUARDRAIL
SEGMENTED ALUM. GARAGE DOOR w/ PERFORATED ALUM. PANELS
ALUM. OR STEEL C-CHANNEL OR EQ., TYP.
PERFORATED ALUM. PANELS

WINDOW DETAIL - WOOD SIDING (1-HR WALL)

1. PROVIDE FLASHING SYSTEM BY DUPONT TYVEK OR EQ., U.O.N.
2. INSTALL ALL WINDOWS & FLASHING PER MFR. INSTRUCTIONS
3. VERIFY EGRESS SIZES W/ MANUFACTURER

SCALE 3" = 1'-0"
NEW MIXED-USE 4-STORY BLDG
6042, 6044, 6046, 6048 GEARY BOULEVARD
BLOCK 1456, LOT 023
SAN FRANCISCO, CA 94121

ALUMINIUM WINDOW BY BONELLI OR EQ.

ALUMINIUM RAINSCREEN SYSTEM BY NORTHCLAD OR EQ.

ALUMINIUM PERFORATED SHEETS, 1/4" SQUARE HOLE ON 3/4" STRAIGHT ROW

RUSTIC FINISHED PINE WOOD OR EQ.

3-POWDER COATED ALUM. OR STEEL C-CHANNEL, TYP.
NEW MIXED-USE 4-STORY BLDG
6042, 6044, 6046 GEARY BOULEVARD
BLOCK 1456, LOT 023
SAN FRANCISCO, CA 94121

CROSS SECTION B
ALL DIMENSIONS FROM PLANE TO PLANE, U.O.N.
SCALE: 3/16" = 1'-0"

LONGITUDINAL SECTION A
ALL DIMENSIONS FROM PLANE TO PLANE, U.O.N.
SCALE: 3/16" = 1'-0"