

Summary of Draft Recommendation for New Large Commercial (B and M occupancy > 25,000 sq ft)

| CalGreen Mandatory Measure | LEED | Topic | Local Code | Recommendation | Reason | Anticipated primary role in verification |
|----------------------------|--------------------|--|---|---|--|--|
| - | EAp2 | Energy performance standards | GBO requires LEED EAp2 (10% over Title 24 2008) | Increase to 15% performance margin | Align residential and non-residential requirements | DBI - Mechanical plus GBO protocol |
| - | EAc1 | - | EAc1 is not currently required. | Amend Chapter 13C to require EAc1. | Residential requirements are set at 15% better than Title 24 minimum. Update would align residential and non-residential performance margins. | DBI mechanical, optional support from GBO protocol |
| - | SSc6.1 or SSc6.2 | Storm water management | SFBC Chapter 13C Green Building requires LEED SSc6.1 or SSc6.2 and Stormwater Design Guidelines. Stormwater ordinance extends requirements to all projects disturbing >5,000 sq ft. | No change | Requirement exceeds state standards | SFPUC |
| 5.106.1 | SSp1 | Storm water pollution prevention plan | SFBC Chapter 13C Green Building requires LEED SSp1 | Continue to require LEED SSc1. Clarify that SFPUC SWPPP review must now extend to projects under 1 acre. | SSp1 was already required. Effect is limited to <1 acre projects. Only makes consistent the required Stormwater Pollution Prevention Plan for projects <1 acre with existing standards for projects >1 acre. | SFPUC |
| 5.106.10 | - | Drainage | Ca Building Code 1803.3 Requires graded slopes to slope away from the building. Ca Plumbing Code 1101.1.1 requires appropriate storm drainage. SFBC Appendix J109.5 Sets out | Enforce CalGreen 5.106.10. Verify that submittals indicate how surface water flows are to be managed. | Minor modification to existing codes, requires minor additional plan verification. No corresponding LEED measure. | DBI plan review |
| 5.106.4 | SSc4.2 | Bicycle parking and changing rooms. | SF Planning Code 155.1 through 155.5 | Update Planning Code bicycle parking with state standards. | The CalGreen requirement is stricter. Projects meeting CalGreen 5.106.4 also achieve LEED SSc4.2. | Planning? |
| 5.106.5 | SSc4.3 and SSc4.4. | Fuel efficient vehicle and carpool parking | - | Require choice of LEED SSc4.3 or SSc4.4. Project submittals to document meeting CalGreen's higher 8% threshold. | There are no existing local requirements for non-residential projects. Car share does not contribute to meeting CalGreen standard. | Planning? |
| 5.106.8 | SSc8 | Light pollution reduction | - | Amend Chapter 13C to require SSc8. | LEED and CalGreen criteria are equivalent. | DBI - via GBO protocol |
| 5.303.1 | - | Water (sub) Meters | - | Enforce CalGreen 5.303.1 | No corresponding LEED measure. | DBI plumbing |

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| 5.303.2 | WEc3.2 and WEp1 | Indoor water efficiency | GBO requires LEED WEc3.2 as of Jan 1, 2011 | No change | Requirement exceeds state standards | DBI - via GBO protocol |
| 5.303.2.1 | - | Multiple showerheads serving one shower | - | Enforce CalGreen 5.303.2.1 | No corresponding LEED measure. | DBI plumbing |
| 5.304.1 | WEc1 | Outdoor Water Use: Water Budget | GBO requires LEED WEc1 | No change | Requirement exceeds state standards | DBI - via GBO protocol |
| 5.304.2 5.304.3 5.407.2.1 | - | Landscape irrigation meters, sprinklers, and irrigation controllers | A Water Efficient Landscape Ordinance to meet or exceed state standards is in being introduced by SFPUC. | Integrate into WELO so that related measures are co-located in codes | Water Efficient Landscape Ordinance is required by state, and there is no corresponding LEED measure. | SFPUC and DBI Plumbing? |
| 5.407.2.2 and 5.504.5.3 | EQc5 | Indoor Chemical and Pollutant Source Control | - | Amend Chapter 13C to require EQc5. Allow 5.407.2.2 as alternate compliance path Note: Tighter filtration in LEED standard (MERV 13) vs. CalGreen (MERV 8) enhances particulate removal, but affects fan energy use. | LEED measure fulfills CalGreen mandatory standard. However, state minimum may be preferable for some projects. | DBI - via GBO protocol |
| 5.408.3 5.408.4 | MR 2.2 | Construction debris recycling | GBO and C&D Ordinance | No change | Requirement exceeds state standards | SFE and DBI via GBO protocol |
| 5.410.2 5.410.2.1 5.410.2.2 5.410.2.5.1 5.410.2.5.2 | EAc3 | Enhanced Commissioning | GBO requires LEED EAc3 as of Jan 1, 2011 | No change | Requirement exceeds state standards | DBI - via GBO protocol |
| 5.504.3 | EAc3.1 | Covering duct openings and protection of mechanical equipment during construction | - | Amend Chapter 13C to require EQc3.1. | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |
| 5.504.4.1 | EQc4.1 | Low-Emitting Adhesives and Sealants | - | Amend Chapter 13C to require EQc4.1. | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |
| 5.504.4.3 and 5.504.4.3.1 | EQc4.2 | Low-Emitting Paints and Coatings | - | Amend Chapter 13C to require EQc4.2. | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |

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| 5.504.4.4 5.504.4.4.1 5.504.4.4.2 and 5.504.4.6 | EQc4.3 | Low-Emitting Flooring Systems | - | Amend Chapter 13C to require EQc4.3. | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |
| 5.504.4.5 | EQc4.4 | Low-Emitting Composite Wood & Agrifiber Products | - | Amend Chapter 13C to require EQc4.4 | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |
| 5.507.4 5.507.4.1 5.507.4.2 | - | Acoustic comfort | - | Enforce CalGreen section 5.507.4 through 5.507.4.2 | No corresponding LEED measure. | DBI |
| 5.508.1.2 | EAc5 | Elimination of halons (ozone depletion) | - | Amend Chapter 13C to require EAc5 | LEED measure fulfills CalGreen mandatory standard. | DBI - via GBO protocol |

| Totals | |
|--|--|
| CalGreen measures where LEED is not recommended or equivalent verification tool: | 10 However exceed the criteria for a corresponding LEED credit |
| Current SF GBO required LEED credits | Minimum 50 points to meet Silver standard Must include 6 credits which are elective elsewhere. |
| Proposed SF GBO required LEED credits | Minimum 50 points to meet Silver standard (in 2011) Must include 15 credits which are elective elsewhere. |