



**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
BUILDING AND SAFETY DIVISION**

**NON-RESIDENTIAL  
GREEN BUILDING  
STANDARDS CODE  
PLAN REVIEW LIST**

**GENERAL PROJECT INFORMATION**

PLAN CHECK NO. \_\_\_\_\_ DISTRICT NO \_\_\_\_\_  
JOB ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_

NOTE: Numbers in the parenthesis ( ) refer to sections of the 2011 edition of the County of Los Angeles Green Building Standards Code, Table (T).

**INSTRUCTIONS**

- Corrections with circled item numbers apply to this plan check.
- In the left-hand margin of the circled corrections, please indicate the sheet number and detail or note number on the plans where the corrections are made. Resubmit marked original plans and two corrected sets of plans, calculations and this plan review list.
- Incomplete, unclear, or faded drawings or calculations will not be accepted.
- Incorporate all comments as marked on checked set of plans and calculations and these correction sheets.

**GENERAL REQUIREMENTS**

The 2011 County of Los Angeles Green Building Standards Code regulates the construction of new residential and non-residential buildings for the purpose of improving public health, safety, and general welfare. This is accomplished by enhancing the design and construction of buildings to reduce their negative impact on the environment and encouraging sustainable construction practices.

Newly constructed buildings other than low-rise residential shall comply with the following requirements. (301.2.2)

**PLANNING AND DESIGN**

1. Submit to Drainage and Grading Section for review and approval of the following:
  - a. Storm Water Soil Loss Prevention Plan (5.106.1)
  - b. Low Impact Development (LID) (5.106.2)
  - c. Grading and Paving (5.106.10)
  - d. Outdoor Water Use (5.304)
2. Define the anticipated number of visitor parking spaces on plans. Provide adequate short term bicycle parking, equal to 5% of visitor motorized vehicle parking capacity. A minimum of one two-bike rack shall be provided. Bicycle racks must be permanently anchored within 200' of the visitors' entrance, and readily visible to passers-by. (5.106.4.1)

3. Define the anticipated number of tenant occupants on the plans. If 10 or more tenant-occupants are proposed, provide secure long-term bicycle parking equal to 5% of motorized vehicle parking capacity, with a minimum of one space. Secure bicycle parking facilities shall be convenient from the street and may include:
  - a. Covered, lockable enclosures with permanently anchored racks for bicycles;
  - b. Lockable bicycle rooms with permanently anchored racks;
  - c. Lockable, permanently anchored bicycle lockers. (5.106.4.2)
4. Define the designated parking on the plans for any combination of low-emitting, fuel efficient and carpool/van pool vehicles in accordance with:
  - a. The number of spaces required by Table 5.106.5.2
  - b. Mark the designated parking with the words:  
 CLEAN AIR/  
 VANPOOL/EV  
 such that the lower edge of the last word aligns with the end of the stall striping, and is visible beneath a parked vehicle. (5.106.5.2)
5. Submit to Electrical Section for review and approval of light pollution reduction for both interior and exterior lighting. (5.106.8)

## **ENERGY EFFICIENCY**

6. Building must comply with the State's 2008 mandatory energy efficiency standards. Submit to the Mechanical Section and the Electrical Section for review and approval of Energy efficiency compliance.  
(5.201.1)

## **WATER EFFICIENCY**

7. Obtain approval from the Mechanical Section for compliance with Section 5.303 - Indoor Water Use.

## **MATERIAL CONSERVATION AND RESOURCE EFFICIENCY**

8. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion in buildings. Provide detail of overhangs, recesses, flashing, and nonabsorbent floor/wall finishes within 2' of such openings on plans.  
(5.407.2.2)
9. Provide an approved Recycling and Reuse Plan (RRP) from Environmental Programs Division showing that 65% of the nonhazardous construction and demolition debris will be salvaged, recycled, and/or reused.  
(5.408.1)
10. Provide readily accessible areas that serve the entire building and are identified for the recycling of non-hazardous materials. Comply with the attached *Waste and Recycling Storage Area Requirements Plan Correction List*.  
(5.410.1)
11. System testing and adjusting is required for all buildings less than 10,000 square feet.
  - a. Provide a note on the plans: "Prior to permit being finalized, a complete report of the testing and adjusting shall be provided to the owner or owner's representative AND *Form 5.410 – Testing and Adjusting* shall be completed and provided to the inspector."  
(5.410.4)
12. Commissioning is required for buildings 10,000 square feet or more.
  - a. Complete the attached forms prior to permit issuance.
    - i. *Form 5.410 – Owner's Project Requirements*
    - ii. *Form 5.410 – Basis of Design*
  - b. Provide a note on the plans: "Prior to permit being finalized, a complete report of the commissioning process shall be provided to the owner or owner's representative AND *Form 5.410 – Verification* shall be completed and provided to the inspector."  
(5.410.2)

13. Fireplaces shall be direct vent sealed combustion chamber type. Indicate on the plans the manufacturer name and model number.  
(5.503.1)
14. Provide the following note on the plans: "If the HVAC system is used during construction, provide return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30 percent, based on ASHRAE 52.1-1992. Replace all filters prior to occupancy or at the conclusion of construction."  
(5.504.1.3)
15. Provide the following note on the plans: "At the time of rough installation, or during storage on the construction site and until final startup of the heating, cooling, and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal, or other acceptable methods to reduce the amount of dust, water, and debris which may enter the system."  
(5.504.3)
16. Provide finish plan complying with the following:
  - a. Adhesives, sealants and caulks, paints and coatings, and aerosol paints and coatings shall meet or exceed the standards outlined in Sections 5.504.4.1, 5.504.4.3, and 5.504.4.3.1 respectively. Verification of compliance with these sections must be provided at the time of inspection.
  - b. All carpet installed in the building interior shall meet the testing and product requirements of one of the following:  
(5.504.4.4)
    - i. Carpet and Rug Institute's Green Label Plus Program OR
    - ii. California Department of Public Health Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (SPEC 01350) OR
    - iii. NSF/ANSI 140 at the Gold Level OR
    - iv. Scientific Certifications Systems Sustainable Choice
  - c. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label Program. Carpet adhesives shall not exceed a VOC limit of 50 g/L.  
(5.504.4.4.1, 5.504.4.4.2)
  - d. Composite wood products (hardwood plywood, particle board, and MDF composite wood) installed on the interior or exterior of the building shall meet or exceed the standards outlined in Table 5.504.4.5.  
(5.504.4.5)
  - e. Provide the following note on the finish plan: "Documentation shall be provided to the building inspector at the time of final inspection verifying that a minimum of 50% of floor area receiving resilient flooring complies with one of the following:
    - i. The VOC emission limits defined in the CHPS criteria and listed on its High Performance Database, OR
    - ii. CHPS criteria certified under the Greenguard Children & Schools program, OR

## **ENVIRONMENTAL QUALITY**

- iii. RFCI FloorScore program, OR
- iv. California Department of Public Health 2010 Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (SPEC 01350)”

(5.504.4.6)

17. Designated outdoor smoking areas are prohibited within 25’ of building entries, outdoor air intakes, operable windows, and within the building as already prohibited by other laws or regulations. Show location of all smoking areas and add note to plans regarding signage to inform occupants of the prohibitions.

(5.504.7)

18. The proposed scope of work occurs within an area exposed to 65 dB hourly equivalent noise level or is within 1000 ft of a freeway or is within 420 feet of a railroad.

(5.507.4.1)

a. Provide construction details showing exterior wall and roof-ceiling assemblies exposed to the noise source meet a composite STC rating of at least 45 (or OITC 35). Show that exterior windows meet a minimum STC of at least 40 (or OITC 30), OR

(5.507.4.1.1)

b. Provide an acoustical analysis showing that the exterior wall and roof-ceiling assemblies will be constructed to provide an interior noise environment that does not exceed an hourly equivalent noise level of 50 dBA in occupied areas during any hour of operation.

(5.507.4.2)

19. Interior wall and floor-ceiling assemblies separating adjacent tenant spaces and tenant and public places shall have an STC of at least 40.

(5.507.4.3)

**TIER 1 REQUIREMENTS (NEW BUILDINGS > 25,000 SF)**

The proposed building is greater than or equal to 25,000 square feet. Comply with the following Tier 1 requirements and provide a summary on the first sheet of plans outlining the measures selected for compliance.

(301.2.2.1)

20. From Division A5.1 – Planning & Design

a. Provide adequate designated parking for fuel efficient vehicles for a minimum of 10% of parking capacity in accordance with Table A5.106.5.1.1

- b. Provide cool roof with adequate thermal emittance and solar reflectance, or SRI values in accordance with Table A5.106.11.2.1. (A5.106.11.2)
- c. One additional elective measure from Division A5.1 is met by complying with the mandatory Low Impact Development (LID) requirements. Provide approval from Drainage and Grading Section.

21. From Division A5.3 – Water Efficiency

a. Provide approval from Mechanical Section for a 30% reduction in indoor potable water usage.

(A5.303.2.3.1)

b. Provide approval from Drainage and Grading Section for outdoor potable water usage not to exceed 60% of ETo.

(A5.304.4.1)

c. Comply with one additional elective measure from Division A5.3. Specify which elective has been selected and how requirements have been met.

22. From Division A5.4 – Material Conservation & Resource Efficiency

a. Provide documentation to justify that materials used have a post-consumer or pre-consumer recycled content value (RCV) of at least 10% of the total value, based on estimated cost of materials on the project.

(A5.405.4)

b. Comply with one additional elective measure from Division A5.4. Specify which elective has been selected and how requirements have been met.

23. From Division A5.5 – Environmental Quality

a. Clearly indicate on plans that where resilient flooring is installed, at least 80% of floor area receiving resilient flooring shall comply with A5.504.4.7. Verification of compliance must be provided at the time of inspection.

(A5.504.4.7)

b. Provide thermal insulation that complies with the VOC emission limits defined in the CHPS Low-emitting Materials List.

(A5.504.4.8)

c. Comply with one additional elective measure from Division A5.5. Specify which elective has been selected and how requirements have been met.

24. One additional elective measure from any division is met by complying with the mandatory Low Impact Development (LID) requirements. Provide approval from Drainage and Grading Section.

**ADDITIONAL COMMENTS**

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