

**GENERAL PROJECT INFORMATION**

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

NOTE: Numbers in the parenthesis ( ) refer to sections of the 2022 edition of the State of California 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 2022 State of California 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.

**GENERAL**

Newly constructed non-residential buildings shall comply with the following requirements.

The following requirements shall also apply to non-residential building additions of 1,000 sq.ft. or greater, and/or building alterations with a permit valuation of \$200,000 or above. Code sections relevant to additions and alterations shall only apply to the portion(s) of the building being added or altered within the scope of permitted work. (301.3)

**PLANNING AND DESIGN**

1. Submit to Drainage and Grading Section for review and approval of the following:
  - a. Storm Water Pollution Prevention (5.106.1)
  - b. Grading and Paving (5.106.10)
  - c. 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 new visitor motorized vehicle parking capacity being added. 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. (5.106.4.1.1)  
EXCEPTION: Additions or alterations which add nine or less visitor vehicular parking spaces
3. Define the anticipated number of tenant occupants on the plans. If 10 or more tenant-occupants are proposed for new buildings, or if additions or alterations add 10 or more tenant vehicular parking spaces, provide secure long-term bicycle parking equal to 5% of tenant vehicular parking spaces being added, 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. (5.106.4.1.2)
4. Newly constructed non-residential buildings shall provide adequate parking spaces designated for future installation and use of Electric Vehicle (EV) charging in accordance with Table 5.106.5.3.1
5. Newly constructed non-residential buildings shall be submitted to the Electrical Section for:
  - a. Review and approval of light pollution reduction for both interior and exterior lighting. (5.106.8)

- b. Review and approval of raceway methods, wiring schematic, and electrical load calculations for future Electric Vehicle Supply Equipment.

(5.106.5.3)

### **ENERGY EFFICIENCY**

- 6. Building must comply with the 2022 Building Energy Standards per Title 24, Part 1, Article 1, part 6 of the California Code of Regulations. 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.
- 8. Submit to Land Development Division for approval of a water budget for projects with an aggregate landscaping area equal to or greater than 500 square feet. A water budget shall be developed for landscape irrigation use that conforms to the local water efficient landscape ordinance OR to the California Department of Water Resources' Model Water Efficient Landscape Ordinance, whichever is more stringent. The following factors shall be effective until subsequent revision of the MWELO by the California Department of Water Resources (DWR):

- a. ET Adjustment Factor (ETAF) – 0.65
- b. Special Landscape Area (SLA) – 0.35

(5.304)

### **MATERIAL CONSERVATION AND RESOURCE EFFICIENCY**

- 9. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion in buildings. Provide detail nonabsorbent floor/wall finishes within 2' of such openings on plans and show compliance with at least one of the provisions of Section 5.407.2.2.1.

- 10. Provide documentation showing that a minimum of 65% of nonhazardous construction and demolition debris will be salvaged, recycled, and/or reused.

(5.408.1)

- 11. 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)

- 12. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet OR new systems that serve an initial tenant improvement to a phased project that is 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 facilities operator AND *Form 5.410 – Testing and Adjusting* shall be completed and provided to the inspector."

(5.410.4)

- 13. Commissioning is required for newly constructed buildings of 10,000 square feet or greater OR initial tenant improvements to a phased project that exceed 10,000 square feet.

- 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 facilities operator, AND *Form 5.410 – Verification* shall be completed and provided to the inspector."

(5.410.2)

### **ENVIRONMENTAL QUALITY**

- 14. Fireplaces shall be direct vent sealed combustion gas or sealed wood-burning. Indicate on the plans the manufacturer name and model number.

(5.503.1)

- 15. Provide the following note on the plans: "At the time of rough installation and 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 collect in 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 Practice for the testing of VOC's (Spec 01350) OR
- iii. NSF/ANSI 140 at the Gold Level OR
- iv. Scientific Certifications Systems Sustainable Choice OR
- v. VOC emission limits defined in the CHPS High Performance Products Database

- 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)

