CALIFORNIA GREEN CODE

MANDATORY REQUIREMENTS – NONRESIDENTIAL

The following requirements shall be incorporated into this project.

(Highlighted items to be filled-in by applicant.)

APPLICABILITY

These regulations are applicable to all new nonresidential projects as well as to additions of 1,000 square feet or more and alterations with a valuation of $200,000 or more. For such additions or alterations, the requirements shall only apply within the specific area of that addition or alteration.

SITE DEVELOPMENT

1. Implement all requirements of the Storm Water Pollution Prevention Plan (SWPPP) and comply with all applicable provisions of the NPDES Construction Permit including implementation of good housekeeping BMP's.

BICYCLE AND CLEAN AIR VEHICLE PARKING

1. Short-Term Bicycle Parking
   a) Permanently anchored bicycle racks shall be provided within 200 feet of the visitor entrance. The minimum number of bicycle parking racks shall be 5% of the number of vehicle parking spaces provided for visitors. Visitor parking shall be defined as the following percentages of the total number of parking spaces: Visitor parking for Office use = 25% of total spaces Industrial use = 5%... All other uses = 75%... This project requires a total of _____ permanently anchored bicycle racks.
2. Long-Term Bicycle Parking
   a) Buildings with more than 10 employees shall provide secure bicycle parking in lockable rooms or enclosures with permanently anchored racks at a rate of 5% of the total vehicle parking capacity for the building. This project requires lockable rooms or enclosures with a capacity for _____ bicycles.
3. Clean Air Vehicle Parking
   a) Designated parking for Clean Air Vehicles shall be provided in accordance with Table 5.106.5.2 of the California Green Code. Said parking spaces shall be identified with paint at the end of the stall stating, "CLEAN AIR/VANPOOL/EV". This project requires that _____ clean air vehicle spaces are provided.

LIGHT POLLUTION REDUCTION (NOT applicable to additions or alterations)

1. Zero direct beam illumination shall leave the site.

INDOOR WATER EFFICIENCY

1. All plumbing fixtures identified in the following schedule will comply with the maximum flow rates shown, or a calculation demonstrating a 20% reduction in water use shall be provided and approved by the Building Official.

Fixture Type	Maximum Flow Rate
Shower Head	2.0 gpm per shower stall @ 80 psi
Kitchen Faucet	1.8 gpm @ 60 psi
Wash Fountain	1.8 [rim space (in.)/20 gpm @ 60 psi]
Metering Faucet	0.2 gallons per cycle
Metering Faucet for Wash Fountain	0.2 [rim space (in.)/20 gpm @ 60 psi]
Water Closet	1.28 gallons per flush
Urinal - floor	0.5 gallons per flush
Urinal – wall mounted	0.125 gallons per flush (eff. 1/1/2016)

2. Buildings or additions in excess of 50,000 square feet that house more than 1 tenant shall be provided with separate water submeters when any individual tenant will consume more than 100 gallons of water per day. The following tenant space(s) shall require water submeter(s) _____.
3. Any tenant which will consume more than 1000 gallons of water per day and is NOT served by an individual master water meter shall be provided with a separate submeter.

OUTDOOR WATER EFFICIENCY

- Comply with Section 5.304 amended by the Emergency Supplement effective June 1, 2015

RECYCLING BY OCCUPANTS (For additions – only applies when adding more than 30% to the floor area)

1. Recycling areas for paper, corrugated cardboard, glass, plastic and metals shall be made available to building occupants. If outdoors, the area shall be protected from rain.

COMMISSIONING PLAN OR TESTING AND ADJUSTING PLAN (Only applies to new buildings)

1. Buildings 10,000 square feet or larger shall require a Commissioning Plan in accordance with Section 5.410.2 of the California Green Code. Buildings less than 10,000 square feet shall require a Testing and Adjusting Plan in accordance with Section 5.410.4 of the California Green Code. Certain exemptions exist for dry warehouse buildings and Tenant Improvements less than 10,000 sq. ft.

ENVIRONMENTAL QUALITY

1. During construction, all duct and other air distribution component openings shall be covered with tape, plastic or other acceptable material to reduce the amount of dust or debris which may collect in the system.
2. All adhesives, sealants, caulks, paints and coatings shall comply with the applicable SCAQMD VOC rules and verification of compliance shall be provided at the request of the Building Inspector.
3. All carpet and carpet cushion installed in the building interior shall meet one of the following standards:
   a) Carpet and Rug Institute's Green Label Plus Program
   b) California Dept of Public Health Standard Practice for testing of VOCs (Spec 01350)
   c) NSF/ANSI 140 at the Gold level or higher
   d) Scientific Certifications Systems Sustainable Choice or CA-CHPS compliant
4. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in the ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et.seq.).
5. At least 80% of resilient flooring (if used) shall comply with the VOC limits of the CHPS, RFCI or CDPH.
6. HVAC system outside and return air filters to be MERV 8 or higher.
7. Outdoor smoking areas shall be provided and signage shall be posted prohibiting smoking within 25 feet of building openings.

NOISE POLLUTION CONTROL

1. If the building is within 1,000 feet of freeway or in an area designated to be in excess of 65 decibels, then exterior walls and roof ratings to be STC 50 or higher, windows to be STC 40 or higher. Warehouse or storage buildings exempt – but not the office areas. Tenant separation walls to be STC 40 or higher.

MATERIAL CONSERVATION

1. The Construction Waste Management Plan shall require that at least 50% of all nonhazardous construction waste generated by this project as identified in the following table is recycled and/or salvaged.

Waste Material Type	***(A)*** **Estimated weight of waste before any recycling or salvage (in tons)**	***(B)*** **Estimated weight of recycled or salvaged waste (in tons)**	***(C)*** **Projected Diversion Rate (in Percent)**
Asphalt			**Calculate the Projected Diversion Rate Percentage by using the following formula:** ***(B) ÷ (A) x 100 = (C)*** ***NOTE: Total diversion rate shall not be less than 50%*** ↓
Concrete			
Metal			
Wood			
Insulation			
Drywall			
Carpet and pad			
Cardboard and paper			
Plastics			
Glass			
Other:			
Other:			
TOTAL FOR ALL MATERIALS			

   a) All subcontractors shall comply with the project's Construction Waste Management Plan.
   b) This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible. Waste materials shall be sorted on site prior to removal.
   c) All construction waste removed from the site shall be documented and said documentation shall be provided in an organized format to the enforcement agency in order to verify compliance with the Construction Waste Management Plan.
   d) NOTE: 100% of excavated soil and land clearing debris shall be reused or recycled.

OUTDOOR AIR QUALITY

1. No CFCs allowed to be used in HVAC, refrigeration, or fire suppression equipment.
2. Supermarket refrigeration systems shall comply with the leak reduction mandates of 2013 Cal Green 5.5o8.2 et al.