



**NONRESIDENTIAL CORRECTION LIST  
(2013 CALGreen with July 1, 2015 Supplements)**

<b>Plan Check No:</b>	<b>Review No:</b>	<b>Plan Check Expiration Date: 1 year from submittal</b>
Site Address:		Number of Story:
Project Description:		Area square feet:
Type of Occupancy:		High wind region:
Type of Construction:		Part 150 area:

Applicant:	Phone:
Owner:	Phone:
Architect/Engineer/Draftsman:	Phone:

Reviewed by:	Date:	Ph: (909)395- , e-mail: @ci.ontario.ca.us
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**INSTRUCTIONS:**

- ⇒ Numbers in bracket [ ] refer to code sections of 2013 California Green Buildings Standards Code (CALGreen) with July 1, 2015 Supplements.
- ⇒ Correct original drawings. Reprint and submit 3 new sets together with the “marked-up” set. Return this corrections list with corrected plans.
- ⇒ In the Respond column, please indicate the sheet number and detail or note number on the plan where the corrections are made.
- ⇒ Itemize any changes, revisions, or additions made to drawings that are not a direct answer to a correction on a separate sheet.
- ⇒ Additional plan check fee will be required after third review on hourly rate basis.

Item #	Sheet #	Correction Requested	Respond
1		Show the correct address of building on plans.	
2		Show the name and address of the owner and person preparing the plan.	
3		Indicate on plan the applicable current codes: <ul style="list-style-type: none"> <li>• 2013 California Green Building Standards Code (CALGreen) with July 1, 2015 supplement.</li> <li>• 2013 California Energy Code</li> </ul>	
4		Provide an index of drawings on the cover sheet of plans.	
5		Because of special conditions, the City may require the construction documents to be prepared by a licensed design professional. [102.1]	
6		The construction documents shall provide sufficient clarify to indicate the location, nature, and scope of the proposed green building features. [102.2]	

7		<ul style="list-style-type: none"> <li>• Every newly constructed building, building addition (1,000 sqft or greater), and/or building alteration (\$200,000 or more) shall comply with 2013 <i>CALGreen</i> effective January 1, 2014 including supplement July 1, 2015 [301.3]. Plans shall indicate method of verification of compliance with all <i>CALGreen</i> requirements. Third party or other methods shall demonstrate satisfactory conformance with mandatory measures. (102.3). <b>Include City’s Mandatory Measures Checklist copies onto plans.</b></li> <li>• Effective January 1, 2014 nonresidential building additions and alterations shall replace noncompliance plumbing fixtures with water-conserving plumbing fixtures [301.3.1 note]. The requirements shall apply only to the building being added or altered within the scope of permitted work [310.3].</li> </ul>	
8		In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy. [302.1]	
9		Each phase of a project shall comply with those code measures relevant to the building components and systems [303.1]. Tenant Improvements shall apply only to the initial tenant or occupant improvement to the project. [303.1.1]	
10		<b>Storm Water Pollution Prevention Plan [5.106.1]:</b> Newly constructed projects and additions which disturb less than one acre of land shall prevent the pollution of stormwater runoff from the construction activities through local ordinance in Section 5.106.1.1 or Best management practices (BMP) in Section 5.106.1.2	
11		<b>Bicycle Parking [5.106.4]:</b> For bicycle parking, meet the most restrictive of the requirements of Sections 5.106.4.1 and 5.106.4.2, or local ordinance. <i>CALGreen</i> requirements include: <ul style="list-style-type: none"> <li>a) <b>Short-Term bicycle parking.</b> If the project is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors’ entrance, readily visible to passers-by, for 5 percent of visitor motorized vehicle parking capacity, with a minimum of one two-bike capacity rack. [5.106.4.1]</li> <li>b) <b>Long-Term bicycle parking.</b> For buildings with over 10 tenant-occupants, provide secure bicycle parking for 5 percent of tenant-occupied motorized vehicle parking capacity, with a minimum of one space. [5.106.4.2]</li> </ul>	
12		<b>Designated parking [5.106.5.2 &amp; 5.106.5.2.1]:</b> Provide designated parking for any combination of low-emitting, fuel efficient, and carpool/van pool vehicles per Table 5.106.5.2, and mark “CLEAN AIR / VANPOOL / EV”.	
13		<b>Electric vehicle (EV) charging [5.106.5.3]:</b> [N] New Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE).  <b>5.106.5.3.1 Single charging space requirements. [N]</b> When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the <i>California Electrical Code</i> . Construction plans and specifications shall include, but are not limited to, the following: <ol style="list-style-type: none"> <li>1. The type and location of the EVSE.</li> <li>2. A listed raceway capable of accommodating a 208/240-volt</li> </ol>	

	<p>dedicated branch circuit.</p> <ol style="list-style-type: none"> <li>3. The raceway shall not be less than trade size 1”.</li> <li>4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into a listed suitable cabinet, box, enclosure or equivalent.</li> <li>5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.</li> </ol> <p><b>5.106.5.3.2 Multiple charging spaces requirements. [N]</b>  When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the <i>California Electrical Code</i>. Construction plans and specifications shall include, but are not limited to, the following:</p> <ol style="list-style-type: none"> <li>1. The type and location of the EVSE.</li> <li>2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.</li> <li>3. Plan design shall be based upon 40-ampere minimum branch circuits.</li> <li>4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage.</li> <li>5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE.</li> </ol> <p><b>5.106.5.3.3 EV charging space calculation. [N]</b>  Use Table 5.106.5.3.3 to determine if single or multiple charging space requirements apply for the future installation of EVSE.</p> <p><b>5.106.5.3.4 Identification [N].</b>  The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as “EV CAPABLE”. The raceway termination location shall be permanently and visibly marked as “EV CAPABLE.”</p> <p><b>5.106.5.3.5 [N]</b>  Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking.</p>	
14	<p><b>Light Pollution Reduction [5.106.8]:</b>  New outdoor lighting systems shall be designed and installed to comply with the following:</p> <ol style="list-style-type: none"> <li>1. The minimum requirements in the California Energy Code for Lighting Zones 1–4 as defined in Chapter 10 of the California Administrative Code; and</li> <li>2. Backlight, Uplight and Glare (BUG) ratings as defined in IESNA TM-15-11; and</li> <li>3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, or</li> </ol> <p><i>Exceptions:</i></p> <ol style="list-style-type: none"> <li>1. Luminaires that qualify as exceptions in Section 147 of the</li> </ol>	

		California Energy Code 2. Emergency lighting																					
15		<b>Grading and paving [5.106.10]:</b> a) Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. b) Submit grading and drainage system plans to the Building Department.																					
16		Provide documentation to indicate the project meets the requirements of State mandatory 2013 California Energy Code. Enhanced performance criteria are contained in the Appendix Chapters. [5.201.1]																					
17		<b>Separate submeters</b> or metering devices shall be installed for new buildings or additions > 50,000 square feet [5.303.1]: 1. For each individually leased, rented or other tenant space within the building projected to consume more than 100 gal/day, including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop. [5.303.1.1] 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems: a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s) b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s) c. Steam and hot-water boilers with energy input more than 500,000 Btu/h (147 kW) 3. Any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day. [5.303.1.2]																					
18		<b>Plumbing fixtures</b> (water closets and urinals) and fittings (faucets and showerheads) shall not exceed the following [5.303.3]: <table border="1" data-bbox="418 1136 1208 1509"> <thead> <tr> <th>Plumbing fixtures &amp; fittings</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Water closets</td> <td>1.28 gallons/flush</td> </tr> <tr> <td>Showerheads</td> <td>2.0 gpm @ 80 psi</td> </tr> <tr> <td>Kitchen faucets</td> <td>1.8 gpm @ 60 psi</td> </tr> <tr> <td>Nonresidential lavatory faucets</td> <td>0.5 gpm @ 60 psi</td> </tr> <tr> <td>Wash fountains</td> <td>1.8 gpm/20" rim space @ 60 psi</td> </tr> <tr> <td>Metering faucets</td> <td>0.20 gallons/cycle</td> </tr> <tr> <td>Metering faucets for wash fountain</td> <td>0.20 gallons/cycle</td> </tr> <tr> <td>Pre-rinse spray valve (with an integral automatic shut off)</td> <td>1.6 gpm @ 60 psi</td> </tr> <tr> <td>Urinals</td> <td>0.5 gallons/flush</td> </tr> </tbody> </table>	Plumbing fixtures & fittings	Maximum	Water closets	1.28 gallons/flush	Showerheads	2.0 gpm @ 80 psi	Kitchen faucets	1.8 gpm @ 60 psi	Nonresidential lavatory faucets	0.5 gpm @ 60 psi	Wash fountains	1.8 gpm/20" rim space @ 60 psi	Metering faucets	0.20 gallons/cycle	Metering faucets for wash fountain	0.20 gallons/cycle	Pre-rinse spray valve (with an integral automatic shut off)	1.6 gpm @ 60 psi	Urinals	0.5 gallons/flush	
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19		A <b>water budget</b> shall be developed for landscape irrigation use that installed in conjunction with a new building or an addition or alteration conforms to the local water efficient landscape ordinance or to the California Department of Water Resources Model Water Efficient Landscape Ordinance. [5.304.1]																					
20		<b>Water service for landscape areas between 1000 and 5000 square feet</b> [5.304.2]: Separate submeters or metering devices shall be installed for outdoor potable water use for new water service or for addition or alteration requiring upgraded water service.																					
21		In new nonresidential construction or building addition or alteration with 1,000 - 2500 sqft of landscaped area (the level at which the MLO applies),																					

		<p><b>automatic irrigation system controllers</b> installed at the time of final inspection shall comply with the following [5.304.3]:</p> <ol style="list-style-type: none"> <li>1. Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.</li> <li>2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.</li> </ol>	
22		Provide a weather-resistant exterior wall and foundation envelope per CBC Section 1403.2, CEC Section 150, and manufacturer's installation instructions or local ordinances. [5.407.1]	
23		Design and maintain landscape irrigation <b>sprinklers</b> systems to prevent spray on structures. [5.407.2.1]	
24		Design exterior <b>entries and/or openings</b> subject to foot traffic or wind-driven rain to prevent water intrusion into buildings [5.407.2.2]: <ol style="list-style-type: none"> <li>1. Use features such as awning, overhangs, or recesses (at least 4 feet in depth) and flashing integrated with a drainage plane.</li> <li>2. Use nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings.</li> </ol>	
25		<b>Reduce construction waste</b> by recycling or salvaging for reuse a minimum of 50% of the nonhazardous construction waste and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent. [5.408.1]	
26		Provide a <b>construction waste management plan</b> that [5.408.1.1]: <ol style="list-style-type: none"> <li>1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.</li> <li>2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).</li> <li>3. Identifies diversion facilities where construction and demolition waste material collected will be taken.</li> <li>4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.</li> </ol>	
27		Utilize a <b>waste management company</b> that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with section [5.408.1.2]: <p><i>Exceptions to Sections 5.408.1.1 and 5.408.1.2:</i></p> <ol style="list-style-type: none"> <li>1. Excavated soil and land-clearing debris.</li> <li>2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.</li> <li>3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.</li> </ol>	
28		<b>Waste stream reduction alternative:</b> The combined weight of new construction disposal that does not exceed 2 lbs/sqft of building area may be deemed to meet the 50% minimum requirements [5.408.1.3]	
29		Provide <b>documentation</b> of the waste management plan that meets the requirements listed in Sections 5.408.1.1 through 5.408.1.3, and the plan is accessible to the enforcement authority. [5.408.1.4]	

30		100 % of trees, stumps, rocks, and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. [5.408.4] <i>Exception:</i> Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.	
32		Provide readily accessible areas for recycling paper, corrugated cardboard, glass, plastics and metals to serve the entire building [5.410.1]. All additions with 30% or more increase in floor area within 12-month period shall provide recycling areas on site [5.410.1.1].	
33		<b>Commissioning</b> shall be included in the design and construction process for new buildings 10,000 square feet and over [5.410.2]. Commissioning requirements include: <ol style="list-style-type: none"> <li>1. Owner’s or Owner representative’s project requirements (OPR). [5.410.2.1]</li> <li>2. Basis of Design (BOD). [5.410.2.2]</li> <li>3. Commissioning measures shown in the construction documents.</li> <li>4. Commissioning plan, demonstrate compliance at plan intake with a completed commissioning plan document prior to permit issuance. [5.410.2.3]</li> <li>5. Functional performance testing. [5.410.2.4]</li> <li>6. Documentation and training [5.410.2.5] including a systems manual [5.410.2.5.1] and systems operation training [5.410.2.5.2].</li> <li>7. Commissioning report. [5.410.2.6]</li> </ol> Detailed requirements are listed within the reference code sections. The scope of required commissioning shall include all building systems and components covered by Title 24, Part 6 (CEC), as well as process equipment and controls, and renewable energy systems. [5.410.2] <i>Exceptions:</i> <ol style="list-style-type: none"> <li>1. Unconditioned warehouses of any size</li> <li>2. Areas under 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.</li> <li>3. Tenant improvements under 10,000 square feet as described in Section 303.1.1.</li> <li>4. Commissioning requirements for energy systems covered by the California Energy Code.</li> <li>5. Open parking garages of any size, or open parking garage areas, of any size, within a structure.</li> </ol>	
34		Documented before the design phase of the project begins the <b>OPR</b> shall include items listed in Section 5.410.4.2.1.	
35		A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design ( <b>BOD</b> ) document shall cover the systems listed in Section 5.410.2.2.	
36		A <b>commissioning plan</b> shall be completed prior to permit issuance describing how the project will be commissioned shall include items listed in Section 5.410.2.3.	
37		<b>Functional performance testing</b> shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. [5.410.2.4]	
38		A <b>Systems manual and systems operations training</b> are required. [5.410.2.5.1]	
39		A program for <b>training</b> of the appropriate maintenance staff for each equipment type and/or system shall be developed and shall include items listed in Section 5.410.2.5.2.	

40		A <b>report of commissioning</b> process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative. [5.410.2.6]	
41		<b>Testing and adjusting</b> of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration. [5.410.4]	
42		Develop a written plan of procedures for testing and adjusting <b>systems</b> [5.410.4.2]: <ol style="list-style-type: none"> <li>1. HVAC systems and controls.</li> <li>2. Indoor and outdoor lighting and controls.</li> <li>3. Water heating systems.</li> <li>4. Renewable energy systems.</li> <li>5. Landscape irrigation systems.</li> <li>6. Water reuse systems.</li> </ol>	
43		Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system. [5.410.4.3]	
44		Before a new space-conditioning system serving a building or space is operated for normal use, the <b>HVAC</b> system shall be <b>balanced</b> in accordance with approved National Standards. [5.410.4.3.1]	
45		After completion of testing, adjusting and balancing, provide a final <b>report of testing</b> signed by the individual responsible for performing these services. [5.410.4.4]	
46		Provide the building owner with detailed <b>operating and maintenance manual</b> instructions and copies of guaranties / warranties for each system prior to final inspection. [5.410.4.5]	
47		Include a copy of all <b>inspection verifications and reports</b> required by the enforcing agency. [5.410.4.5.1]	
48		Install only a direct-vent sealed-combustion gas or sealed wood-burning <b>fireplace</b> , or a sealed woodstove or pellet stove [5.503.1]. <b>Woodstoves</b> and pellet stoves shall comply with U.S. EPA Phase II emissions limits [5.503.1.1].	
49		If the HVAC system is used during construction, use return air filters with a MERV of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992. Replace all filters immediately prior to occupancy. [5.504.1.3]	
50		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 <b>duct</b> and other related air distribution component openings shall be <b>covered</b> with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system. [5.504.3]	
51		<b>Finish materials</b> shall comply with Sections 5.504.4.1 through 5.504.4.4.	
52		<b>Adhesives, sealants and caulks</b> used on the project shall meet the requirements of the following standards [5.504.4.1]: <ol style="list-style-type: none"> <li>1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2.</li> <li>2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on</li> </ol>	

		use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.	
53		<b>Architectural paints and coatings</b> shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3. [5.504.4.3]	
54		<b>Aerosol paints and coatings</b> shall meet the Product-Weighted MIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances (CCR, Title 17, Section 94520 et seq). [5.504.4.3.1]	
55		<b>Verification</b> of compliance with this section shall be provided at the request of the enforcing agency. [5.504.4.3.2]	
56		All <b>carpet</b> installed in the building interior shall meet the testing and product requirements of one of the standards [5.504.4.4]: <ol style="list-style-type: none"> <li>1. Carpet and Rug Institute’s Green Label Plus Program.</li> <li>2. California Department of Public Health Standard Method for the testing of VOCs (Specification 01350)</li> <li>3. NSF/ANSI 140 at the Gold Level or higher</li> <li>4. Scientific Certifications Systems Sustainable Choice.</li> <li>5. Collaborative for High Performance Schools of California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012.</li> </ol>	
57		All <b>carpet cushion</b> installed in the building interior shall meet the requirements of the Carpet and Rug Institute’s Green Label program. [5.504.4.4.1]. All <b>Carpet adhesive</b> shall meet the requirements of Table 5.504.4.1. [5.504.4.4.2]	
58		Hardwood plywood, particleboard and medium density fiberboard <b>composite wood products</b> used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in Table 5.504.4.5. [5.504.4.5]	
59		Verification of compliance with this section shall be provided as requested by the enforcing agency. <b>Documentation</b> shall include at least one of the following: <ol style="list-style-type: none"> <li>1. Product certifications and specifications</li> <li>2. Chain of custody certifications</li> <li>3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.)</li> <li>4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.</li> <li>5. Other methods acceptable to the enforcing agency.</li> </ol>	
60		For 80% of floor area receiving <b>resilient flooring</b> , install resilient flooring shall meet at least one of the following: <ol style="list-style-type: none"> <li>1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;</li> <li>2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health’s 2010 Standards Method for the Testing and Evaluation Chambers, version 1.1, February 2010. [5.504.4.6];</li> <li>3. Compliant with Collaborative for High Performance Schools of California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012.</li> <li>4. Certified under UL the GREENGUARD Gold (formerly the Greenguard Children’s &amp; Schools Program.</li> </ol> <p>Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits. [5.504.4.6.1]</p>	

61		<p>In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a MERV of 8. MERV 8 <b>filters</b> shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual [5.504.5.3].</p> <p><i>Exception:</i></p> <ol style="list-style-type: none"> <li>1. An ASHRAE 10% -15% efficiency filter shall be permitted for an HVAC unit having 60,000 btu/h or less capacity per fan coil if the energy use of the air delivery system is 0.4W/cfm or less at design airflow.</li> <li>2. Existing mechanical equipment.</li> </ol>	
62		<p>Where outdoor areas are provided for <b>smoking</b>, prohibit smoking within 25 feet of building entries, outdoor air intakes, and operable windows and in buildings. Post signage to inform building occupants of the prohibition [5.504.7].</p>	
63		<p>Buildings shall meet or exceed the provisions of California Building Code Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls). Employ <b>moisture control</b> measures by the following methods [5.505.1]:</p> <ul style="list-style-type: none"> <li>• Design and maintain landscape irrigation systems to prevent spray on structures. [5.407.2.1]</li> <li>• Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings [5.407.2.2]: <ol style="list-style-type: none"> <li>1. Use features such as awning, overhangs, or recesses (at least 4 feet in depth) and flashing integrated with a drainage plane.</li> <li>2. Use nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings.</li> </ol> </li> </ul>	
64		<p>For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the 2013 California Energy Code, and Chapter 4 of CCR, Title 8. [5.506.1]</p>	
65		<p>For buildings or additions equipped with demand control ventilation, <b>CO2 sensors</b> and ventilation controls shall be specified and installed in accordance with the requirements of the current edition of the 2013 California Energy Code, Section 120(c)(4). [5.506.2]</p>	
66		<p>Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413 or Outdoor-Indoor Sound Transmission (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2. [5.507.4]</p> <p><i>Exception:</i></p> <p>Building with few or no occupants such as factories, stadium, storage, enclosed parking structures, and utility buildings.</p>	
67		<p><b>Prescriptive method:</b> Wall and roof-ceiling assemblies exposed to the noise source making up the building addition or altered envelope shall have exterior wall and roof ceiling assemblies meeting a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following building locations [5.507.4.1]:</p> <ol style="list-style-type: none"> <li>1. Within the 65 CNEL noise contour of an airport.</li> <li>2. Within the 65 CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway noise source as determined by the Noise element of the General Plan.</li> </ol>	
68		<p>Buildings exposed to a noise level of 65 dB Leq-1Hr during any hour of operation shall have building, addition or alteration exterior wall and roof-</p>	

