



## 2019 RESIDENTIAL OCCUPANCIES CHECKLIST – NEW CONSTRUCTION

### Division A4.6 - Mandatory & Tier 1 Measures

Project: \_\_\_\_\_  
 Address: \_\_\_\_\_

PLANNING AND DESIGN	Check
<b>4.106.2</b> A plan is developed and implemented to manage storm water drainage during construction. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>4.106.3</b> Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.2.3</b> Top soil shall be protected or saved for reuse. Displaced topsoil shall be stockpiled for reuse in a designated area and covered or protected from erosion. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.4</b> Permeable paving is utilized for not less than 20 percent of the total parking, walking, or patio surfaces. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.5</b> For High-rise residential with a roof slope greater than 2:12, shall have roofing materials with a minimum 3-year aged solar reflectance of .20 and thermal emittance of .75 or a minimum Solar Reflectance Index (SRI) of 16. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.8.1</b> For one- and two-family dwellings and townhouses with attached private garages, install a dedicated 208/240-volt branch circuit, including an overcurrent protective device rated at 40 amperes minimum per dwelling unit for future EV charging. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.8.2</b> New multifamily dwellings, provide 15% of total parking spaces for future electrical vehicles charging as specified. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.106.8.3</b> New hotels and motels provide electrical vehicle spaces per Table A4106.8.3.1. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
ENERGY EFFICIENCY	Check
<b>4.201.1</b> Building meets or exceeds the requirements of the California Building Energy Efficiency Standards. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.203.1.1.1</b> Total Energy Design Rating (Total EDR) and Efficiency Energy Design Rating (Efficiency EDR) is included in the Certificate of Compliance documentation. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.203.1.1.2</b> Quality Insulation Installation (QII) procedures specified in the Building Energy Efficiency Standards Reference Residential Appendix RA3.5 are completed. (Tier1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4.203.1.2.</b> One of the following is required: Roof deck insulation or ducts in conditioned space; High-performance walls; HERS verified compact hot water distribution system; HERS verified drain water heat recovery. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>A4203.1.3.1</b> Addition integrated efficiency and on site generation to achieve a Total EDR as specified in Table A4.203.1.1.1 or lower. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
WATER EFFICIENCY & CONSERVSATION	Check
<b>4.303.1</b> Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4.303.1.1 through 4.303.1.4.4. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>4.303.2</b> Plumbing fixtures and fittings required in Section 4.303.1 shall be installed in accordance with the California Plumbing Code and shall meet the applicable referenced standards. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>

<b>4.303.1.4.3</b> Metering faucets in residential buildings shall not deliver more than 0.2 gallons per cycle. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.304.1</b> Residential development shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>MATERIAL CONSERVATION &amp; RESOURCE EFFICIENCY</b>	<b>Check</b>
<b>A4.403.2</b> Cement use in foundation mix design is reduced by not less than 20 percent. (Tier1)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>A4.405.3.1</b> Postconsumer or preconsumer recycled content value (RCV) materials are used for a minimum of 10 percent of the total value, based on the total estimated cost of materials on the project. (Tier 1)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.406.1</b> Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the enforcing agency. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.408.1</b> Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with the reporting standards outlined by <a href="#">Zero Waste Marin</a> . (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>A4.408.1</b> Construction waste generated at the site is diverted to recycle or salvage in compliance with at least a 65 percent reduction. Any mixed recyclables that are sent to mixed-waste recycling facilities shall include a qualified third party verified facility average diversion rate. Verification of diversion rates shall meet minimum certification eligibility guidelines, acceptable to the local enforcing agency. (Tier 1)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.410.1</b> An operation and maintenance manual shall be provided to the building occupant or owner. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.410.2</b> Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and is identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>ENVIRONMENTAL QUALITY</b>	<b>Check</b>
<b>4.503.1</b> Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove meeting the requirements. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.1</b> Duct openings and other related air distribution component openings shall be covered during construction. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>A4.504.2</b> Install VOC compliant resilient flooring systems. Ninety (90) percent of floor area receiving resilient flooring shall comply with the VOC-emission limits established in section A4.504.2. (Tier1)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.2.1</b> Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.2.2</b> Paints, stains and other coatings shall be compliant with VOC limits. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.2.3</b> Aerosol paints and other coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.2.4</b> Documentation shall be provided to verify that compliant VOC limit finish materials have been used. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.3</b> Carpet and carpet systems shall be compliant with VOC limits. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>A4.504.3</b> Thermal insulation installed in the building shall comply with VOC limits. (Tier 1)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.4</b> 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>4.504.5</b> Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards. (Mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/>

<b>4.505.2</b> Vapor retarder and capillary break is installed at slab on grade foundations. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>4.505.3</b> Moisture content of building materials used in wall and floor framing is checked before enclosure. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>4.506.1</b> Each bathroom shall be provided with the following: 1. Energy Star fans ducted to terminate outside the building. 2. Fans must be controlled by a humidity control (separate or built-in); OR functioning as a component of a whole-house ventilation system. 3. Humidity controls with manual or automatic means of adjustment, capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 %. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
<b>4.507.2</b> Duct systems are sized and designed, and equipment is selected using the following methods: 1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J-2011 or equivalent. 2. Size duct systems according to ANSI/ACCA 1 Manual D - 2014 or equivalent. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>

**Declaration Statement**

We affirm that this checklist of mandatory and Tier 1 measures is accurate and complete, and these measures have been incorporated in the design, documented on the plans, and will be verified during construction. We understand that the inspections provided by the city are very limited and do not cover all the work performed under the authority of a permit. The inspections are occasional spot checks, much like an audit, therefore many parts of the work are not inspected and may not comply with the code. It is the sole responsibility of the Owner and Contractor to ensure all work performed complies with the code. If more inspection is desired, a third party or private inspector must be hired by the Owner or Contractor.

Owner: Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Designer Name: \_\_\_\_\_ Signature: \_\_\_\_\_ CA License: \_\_\_\_\_

Contractor: Name: \_\_\_\_\_ Signature: \_\_\_\_\_ CA License: \_\_\_\_\_

Third Party: Name: \_\_\_\_\_ Signature: \_\_\_\_\_ CA License: \_\_\_\_\_