

DOCKETED

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**TABLE A5.601 NONRESIDENTIAL BUILDINGS:
Green Building Standards Code Proposed Performance Approach**

Note: This table is intended only as an aid in illustrating the nonresidential tier structure (Refer to Checklists A5.602, A5.602.1, and A5.602.2 for CALGreen verification guidelines for Mandatory Checklist, Tier 1 Checklist, and Tier 2 Checklist.)

CATEGORY	ENVIRONMENTAL PERFORMANCE GOAL	TIER 1	TIER 2
All	Minimum Mandatory (See Mandatory Checklist)	Meet all of the provisions of Chapter 5 (See Tier 1 Checklist)	Meet all of the provisions of Chapter 5 (See Tier 2 Checklist)
DIVISION 5.1 Planning and Design	Designated Parking for Fuel Efficient Vehicles	Approx. 10% of total spaces	Approx. 12% of total spaces
	Electric Vehicle Charging	Approx. 8% of total spaces	Approx. 10% of total spaces
	Cool Roof to Reduce Heat Island Effect	Roof Slope < 2:12 SRI 75 Roof Slope > 2:12 SRI 16	Roof Slope < 2:12 SRI 82 Roof Slope > 2:12 SRI 27
		1 additional Elective from Division A5.1	3 additional Electives from Division A5.1
DIVISION 5.2 Energy Efficiency	Energy Performance ^{2a, 2b}	Outdoor lighting power 90% of Part 6 allowance	Outdoor lighting power 90% of Part 6 allowance
		If applicable, solar water-heating system with minimum solar savings fraction of 0.15	If applicable, solar water-heating system with minimum solar savings fraction of 0.15
		Warehouse door seals	Warehouse door seals
		Comply with day lighting requirements	Comply with day lighting requirements
		Exhaust heat recovery	Exhaust heat recovery
		Energy Budget 95% or 90% of Part 6 calculated value of allowance	Energy Budget 90% or 85% of Part 6 calculated value of allowance
DIVISION 5.3 Water Efficiency and Conservation	Indoor Water Use	12% Savings	20% Savings
		1 additional Elective from Division A5.3	3 additional Electives from Division A5.3
DIVISION 5.4 Material Conservation and Resource Efficiency³	Construction Waste Reduction	At least 65% reduction	At least 80% reduction
	Recycled Content	Utilize recycled content materials for 10% of total material cost	Utilize recycled content materials for 15% of total material cost
		1 additional Elective from Division A5.4	3 additional Electives from Division A5.4
DIVISION 5.5 Environmental Quality	Low-VOC Resilient Flooring	90% of flooring meets VOC limits	100% of flooring meets VOC limits ¹
	Low-VOC Thermal Insulation	Comply with VOC limits	Install no-added formaldehyde insulation and comply with VOC limits
		1 additional Elective from Division A5.5	3 additional Electives from Division A5.5
Additional Measures		1 additional Elective from any division	3 additional Electives from any division
Approximate Total Measures		15	25

1. Exception: Allowance may be permitted in Tier 2 for up to 5-percent specialty purpose flooring.

2. Solar water-heating system requirement for newly constructed restaurants as per A5.203.1.1.2.

Exceptions:

- a. Buildings with a natural gas service water heater with a minimum of 95-percent thermal efficiency.
- b. Buildings where greater than 75 percent of the total roof area has annual solar access that is less than 70 percent. Solar access is the ratio of solar insolation including shade to the solar insolation without shade. Shading from obstructions located on the roof or any other part of the building shall not be included in the determination of annual solar access.

3. Life cycle assessment compliant with Section A5.409.4 in this code may be substituted for prescriptive measures from Division A5.4.

NONRESIDENTIAL VOLUNTARY MEASURES

A5.602.1
CALGreen VERIFICATION GUIDELINES
TIER 1 CHECKLIST

Application: This checklist shall be used for nonresidential projects that meet the following: new construction, or building additions of 1,000 square feet or greater, or building alterations with a permit valuation of \$200,000 or more pursuant to Section 301.3, AND are adopting Tier 1 voluntary measures.

Note: All applicable mandatory requirements in Chapter 5 shall be met prior to applying Tier 1 voluntary measures.

Instructions:

Comply with all Tier 1 prerequisite measures from the various categories shown on the table below.

Add a “Y” to all mandatory and Tier 1 prerequisite measures in the appropriate columns.

Select the required number of additional electives from those categories shown on the table below and add a “Y” on the selected elective and add an “N” on the rest.

Count the total number of Tier 1 prerequisite measures plus the additional electives and write down the total number at the end of the checklist. Determine if the required number of Tier 1 measures have been selected to achieve Tier 1 compliance.

Y = Yes (section has been selected and/or included)

N = No (section has not been selected and/or included)

O = Other (provide explanation)

[N] = New construction pursuant to Section 301.3

[A] = Additions and/or Alterations pursuant to Section 301.3

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
DIVISION 5.1 Planning and Design (continued)	Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land	5.106.1 through 5.106.2				
	Mandatory	Short-term bicycle parking	5.106.4.1.1				
	Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5				
	Mandatory	Designated parking for clean air vehicles	5.106.5.2				
	Tier 1 Prerequisite	Designated parking—10% of parking capacity w/ parking stall markings and stall identification	A5.106.5.1, A5.106.5.1.1, A5.106.5.1.3, A5.106.5.1.4				
	Mandatory	Parking stall marking	5.106.5.2.1				
	Mandatory	Single charging space requirements	5.106.5.3.1				
	Mandatory	Multiple charging space requirements [N]	5.106.5.3.2				
	Tier 1 Prerequisite	Electric vehicle (EV) charging [N] w/ associated electrical panel identification and designated parking allowance	A5.106.5.3, A5.106.5.3.1, A5.106.5.3.3, A5.106.5.3.4				
	Mandatory	EV charging space calculation [N] (with exceptions)	5.106.5.3.3				
	Mandatory	[N] Identification	5.106.5.3.4				
	Mandatory	[N] Future charging spaces	5.106.5.3.5				
	Mandatory	Light pollution reduction [N] (with exceptions and notes)	5.106.8				
	Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10				
	Tier 1 Prerequisite	Cool roof (A5.106.11.2.2): SRI 75 when ≤ 2:12, SRI 16 when > 2:12	A5.106.11.2				

(continued)

NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
(continued) DIVISION 5.1 Planning and Design	Select One Elective	Elective	Community connectivity	A5.103.1			
		Elective	Brownfield or greyfield site redevelopment or infill area development	A5.103.2 A5.103.2.1			
		Elective	Reduce development footprint and optimize open space	A5.104.1, A5.104.1.1, A5.104.1.2, A5.104.1.3			
		Elective	Disassemble and reuse existing building structure (75%) with exceptions	A5.105.1.1			
		Elective	Disassemble and reuse existing nonstructural elements (50%) with exceptions	A5.105.1.2			
		Elective	Salvage	A5.105.1.3			
		Elective	Storm water design	A5.106.2, A5.106.2.1, A5.106.2.2			
		Elective	Low Impact Development (LID)	A5.106.3, A5.106.3.1, A5.106.3.2			
		Elective	Changing rooms w/ note	A5.106.4.3			
		Elective	Parking capacity w/ reduced parking capacity option	A5.106.6, A5.106.6.1			
		Elective	Exterior wall shading w/ fenestration and/or opaque wall area option	A5.106.7, A5.106.7.1, A5.106.7.2			
		Elective	Heat island effect	A5.106.11			
DIVISION 5.2 Energy Efficiency	Mandatory	Meet the minimum energy efficiency standard	5.201.1				
	Tier 1 Prerequisite	Energy performance—outdoor lighting power 90% of Part 6	A5.203.1.1.1				
	Tier 1 Prerequisite	If applicable, service for water heating in restaurants of 8,000 sf or greater	A5.203.1.1.2				
	Tier 1 Prerequisite	Energy budget 95% or 90% of Part 6 calculated value of allowance	A5.203.1.2.1				
	Elective	On-site renewable energy (with documentation)	A5.211.1, A5.211.1.1				
	Elective	Green power	A5.211.3				
	Elective	Elevators with car lights and fan	A5.212.1.1, A5.212.1.1.1				
	Elective	Escalators	A5.212.1.2				
	Elective	Controls that reduce energy	A5.212.1.4				
	Elective	Steel framing	A5.213.1				
DIVISION 5.3 Water Efficiency and Conservation (continued)	Mandatory	Separate meters (new buildings or additions > 50,000 sf that consume more than 100 gal/day)	5.303.1.1				
	Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2				
	Tier 1 Prerequisite	Water reduction Tier 1—12% savings over the “water use baseline” in Table A5.303.2.2 or meet Table A5.303.2.3.1	A5.303.2.3.1				
	Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1				
	Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1				
	Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2				
	Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5.303.3.3.1				
	Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 1.8 gpm at 80 psi	5.303.3.3.2				

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NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE	
(continued) DIVISION 5.3 Water Efficiency and Conservation	Mandatory	Nonresidential lavatory faucets	5.303.3.4.1					
	Mandatory	Kitchen faucets	5.303.3.4.2					
	Mandatory	Wash fountains	5.303.3.4.3					
	Mandatory	Metering faucets	5.303.3.4.4					
	Mandatory	Metering faucets for wash fountains	5.303.3.4.5					
	Mandatory	Food waste disposers	5.303.4.1					
	Mandatory	Areas of additions or alterations	5.303.5					
	Mandatory	Standards for plumbing fixtures and fittings	5.303.6					
	Mandatory	Outdoor potable water use in landscape areas (with notes)	5.304.1					
	Select One Elective	Elective	Nonpotable water systems for indoor use	A5.303.2.3.4				
		Elective	Appliances and fixtures for commercial application	A5.303.3				
		Elective	Nonwater supplied urinals	A5.303.4.1				
		Elective	Dual plumbing	A5.303.5				
		Elective	Outdoor potable water use	A5.304.2				
		Elective	Restoration of areas disturbed by construction	A5.304.6				
		Elective	Previously developed sites (with exception)	A5.304.7				
		Elective	Graywater irrigation system	A5.304.8				
		Elective	Nonpotable water systems	A5.305.1				
		Elective	Irrigation systems	A5.305.2				
DIVISION 5.4 Material Conservation and Resource Efficiency (continued)	Tier 1 Prerequisite	Recycled content for 10% of total material cost	A5.405.4, A5.405.4.1 through A5.405.4.5					
	Mandatory	Weather protection	5.407.1					
	Mandatory	Moisture control: sprinklers	5.407.2.1					
	Mandatory	Moisture control: exterior door protection	5.407.2.2.1					
	Mandatory	Moisture control: flashing	5.407.2.2.2					
	Mandatory	Construction waste management—comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3					
	Mandatory	Construction waste management: documentation	5.408.1.4					
	Mandatory	Universal waste [A]	5.408.2					
	Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3					
	Tier 1 Prerequisite	Enhanced construction waste reduction (65%—Tier 1 with verification)	A5.408.3.1, A5.408.3.1.2					
	Mandatory	Recycling by occupants (with exception)	5.410.1					
	Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1					
	Mandatory	Recycling by occupants: sample ordinance	5.410.1.2					
Mandatory	Commissioning new buildings (≥ 10,000 sf) [N]	5.410.2						

(continued)

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
(continued) DIVISION 5.4 Material Conservation and Resource Efficiency	Mandatory	Owner's or Owner representative's Project Requirements (OPR) [N]	5.410.2.1				
	Mandatory	Basis of Design (BOD) [N]	5.410.2.2				
	Mandatory	Commissioning plan [N]	5.410.2.3				
	Mandatory	Functional performance testing [N]	5.410.2.4				
	Mandatory	Documentation and training [N]	5.410.2.5				
	Mandatory	Systems manual [N]	5.410.2.5.1				
	Mandatory	Systems operation training [N]	5.410.2.5.2				
	Mandatory	Commissioning report [N]	5.410.2.6				
	Mandatory	Testing and adjusting for new buildings < 10,000 sf or new systems that serve additions or alterations [A]	5.410.4				
	Mandatory	System Testing Plan for renewable energy, landscape irrigation and water reuse [A]	5.410.4.2				
	Mandatory	Procedures for testing and adjusting	5.410.4.3				
	Mandatory	Procedures for HVAC balancing	5.410.4.3.1				
	Mandatory	Reporting for testing and adjusting	5.410.4.4				
	Mandatory	Operation and maintenance (O&M) manual	5.410.4.5				
	Mandatory	Inspection and reports	5.410.4.5.1				
Select One Elective	<i>Elective</i>	<i>Wood framing or OVE w/ note</i>	<i>A5.404.1, A5.404.1.1, A5.404.1.2</i>				
	<i>Elective</i>	<i>Regional materials</i>	<i>A5.405.1</i>				
	<i>Elective</i>	<i>Bio-based materials</i>	<i>A5.405.2</i>				
	<i>Elective</i>	<i>Rapidly renewable materials</i>	<i>A5.405.2.2</i>				
	<i>Elective</i>	<i>Reused materials w/ note</i>	<i>A5.405.3</i>				
	<i>Elective</i>	<i>Cement and concrete: cement</i>	<i>A5.405.5.1</i>				
	<i>Elective</i>	<i>Cement and concrete: concrete with SCM & Mix design equation</i>	<i>A5.405.5.2, A5.405.5.2.1, A5.405.5.2.1.1</i>				
	<i>Elective</i>	<i>Cement and concrete: additional means of compliance</i>	<i>A5.405.5.3, A5.405.5.3.1, A5.405.5.3.1.1, A5.405.5.3.1.2, A5.405.5.3.2, A5.405.5.3.2.1, A5.405.5.3.2.2, A5.405.5.3.2.3, A5.405.5.3.2.4</i>				
	<i>Elective</i>	<i>Choice of materials</i>	<i>A5.406.1, A5.406.1.1, A5.406.1.2, A5.406.1.3</i>				
	<i>Elective</i>	<i>Life cycle assessment: general</i>	<i>A5.409.1</i>				
	<i>Elective</i>	<i>Whole building life cycle assessment</i>	<i>A5.409.2, A5.409.2.1, A5.409.2.2</i>				
	<i>Elective</i>	<i>Materials and system assemblies</i>	<i>A5.409.3</i>				
<i>Elective</i>	<i>Substitution for prescriptive standards</i>	<i>A5.409.4</i>					
<i>Elective</i>	<i>Verification of compliance</i>	<i>A5.409.5</i>					

(continued)

NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
DIVISION 5.5 Environmental Quality (continued)	Mandatory	Fireplaces	5.503.1				
	Mandatory	Woodstoves	5.503.1.1				
	Mandatory	Temporary ventilation	5.504.1				
	Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3				
	Mandatory	Adhesives, sealants, and caulks	5.504.4.1				
	Mandatory	Paints and coatings	5.504.4.3				
	Mandatory	Aerosol paints and coatings	5.504.4.3.1				
	Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2				
	Mandatory	Carpet systems	5.504.4.4				
	Mandatory	Carpet cushion	5.504.4.4.1				
	Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2				
	Mandatory	Composite wood products	5.504.4.5				
	Mandatory	Composite wood products: documentation	5.504.4.5.3				
	Mandatory	Resilient flooring systems	5.504.4.6				
	Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1				
	<i>Tier 1 Prerequisite</i>	<i>Resilient flooring systems, Tier 1 (with verification of compliance)</i>	<i>A5.504.4.7, A5.504.4.7.2</i>				
	<i>Tier 1 Prerequisite</i>	<i>Thermal insulation, Tier 1 (with verification of compliance)</i>	<i>A5.504.4.8, A5.504.4.8.2</i>				
	Mandatory	Filters (with exceptions)	5.504.5.3				
	Mandatory	Filters: labeling	5.504.5.3.1				
	Mandatory	Environmental tobacco smoke (ETS) control	5.504.7				
	Mandatory	Indoor moisture control	5.505.1				
	Mandatory	Outside air delivery	5.506.1				
	Mandatory	Carbon dioxide (CO ₂) monitoring	5.506.2				
	Mandatory	Acoustical control (with exception)	5.507.4				
	Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1				
	Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1				
	Mandatory	Performance method	5.507.4.2				
	Mandatory	Site features	5.507.4.2.1				
	Mandatory	Documentation of compliance	5.507.4.2.2				
	Mandatory	Interior sound transmission (with note)	5.507.4.3				
	Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1				
	Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1				
	Mandatory	Halons	5.508.1.2				
Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more Sections 5.508.2 through 5.508.2.6.3	5.508.2 through 5.508.2.6.3					

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CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
(continued) DIVISION 5.5 Environmental Quality	Select One Elective	<i>Elective</i>	<i>Indoor air quality (IAQ) during construction</i>	A5.504.1, A5.504.1.1, A5.504.1.2			
		<i>Elective</i>	<i>IAQ postconstruction</i>	A5.504.2			
		<i>Elective</i>	<i>IAQ testing</i>	A5.504.2.1, A5.504.2.1.1, A5.504.2.1.2, A5.504.2.1.3			
		<i>Elective</i>	<i>No added formaldehyde Tier 1 (with notes)</i>	A5.504.4.5.1			
		<i>Elective</i>	<i>Acoustical ceilings and wall panels (with verification of compliance)</i>	A5.504.4.9, A5.504.4.9.1			
		<i>Elective</i>	<i>Hazardous particulates and chemical pollutants</i>	A5.504.5			
		<i>Elective</i>	<i>Entryway systems</i>	A5.504.5.1			
		<i>Elective</i>	<i>Isolation of pollutant sources</i>	A5.504.5.2			
		<i>Elective</i>	<i>Lighting and thermal comfort controls</i>	A5.507.1, A5.507.1.1 through A5.507.1.2			
		<i>Elective</i>	<i>Daylight</i>	A5.507.2			
		<i>Elective</i>	<i>Views</i>	A5.507.3			
		<i>Elective</i>	<i>Interior office spaces</i>	A5.507.3.1			
		<i>Elective</i>	<i>Multi-occupant spaces (with exceptions)</i>	A5.507.3.2			
		<i>Elective</i>	<i>Hydrochlorofluorocarbons (HCFCs)</i>	A5.508.1.3			
<i>Elective</i>	<i>Hydrofluorocarbons (HFCs)</i>	A5.508.1.4					
Additional Measures		<i>Select 1 additional measure from any division</i>	Add section #				
Total number of Measures required			15				
Total number of Measures selected							

Documentation Author's / Responsible Designer's Declaration Statement

Check the appropriate box(es) for the list below.

- Mandatory:** I attest that the mandatory provisions checklist is accurate and complete.
- Tier 1 compliant:** I attest that the total number of voluntary measures selected meet or exceed the total number required to achieve Tier 1 compliance.
- Partial Tier 1 compliant:** I attest that the total number of voluntary measures selected do not meet the total number required to achieve Tier 1 compliance: however, partial Tier 1 compliance has been achieved.

Signature:	
Company:	Date:
Address:	License:
City/State/Zip:	Phone:



2019 RESIDENTIAL OCCUPANCIES CHECKLIST – NEW CONSTRUCTION

Division A4.6 - Mandatory & Tier 1 Measures

Project: _____
 Address: _____

PLANNING AND DESIGN	Check
4.106.2 A plan is developed and implemented to manage storm water drainage during construction. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.106.3 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"/>
A4.106.2.3 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"/>
A4.106.4 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"/>
A4.106.5 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"/>
A4.106.8.1 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"/>
A4.106.8.2 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"/>
A4.106.8.3 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
4.201.1 Building meets or exceeds the requirements of the California Building Energy Efficiency Standards. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
A4.203.1.1.1 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"/>
A4.203.1.1.2 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"/>
A4.203.1.2. 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"/>
A4203.1.3.1 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 & CONSERVATION	Check
4.303.1 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"/>
4.303.2 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"/>

4.303.1.4.3 Metering faucets in residential buildings shall not deliver more than 0.2 gallons per cycle. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.304.1 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 N/A <input type="checkbox"/>
MATERIAL CONSERVATION & RESOURCE EFFICIENCY	Check
A4.403.2 Cement use in foundation mix design is reduced by not less than 20 percent. (Tier1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
A4.405.3.1 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 N/A <input type="checkbox"/>
4.406.1 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 N/A <input type="checkbox"/>
4.408.1 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 Zero Waste Marin . (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
A4.408.1 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 N/A <input type="checkbox"/>
4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.410.2 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 N/A <input type="checkbox"/>
ENVIRONMENTAL QUALITY	Check
4.503.1 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 N/A <input type="checkbox"/>
4.504.1 Duct openings and other related air distribution component openings shall be covered during construction. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
A4.504.2 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 N/A <input type="checkbox"/>
4.504.2.1 Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.2.3 Aerosol paints and other coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.2.4 Documentation shall be provided to verify that compliant VOC limit finish materials have been used. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.3 Carpet and carpet systems shall be compliant with VOC limits. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
A4.504.3 Thermal insulation installed in the building shall comply with VOC limits. (Tier 1)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.4 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.504.5 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 N/A <input type="checkbox"/>

4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations. (Mandatory)	<input type="checkbox"/> Yes N/A <input type="checkbox"/>
4.505.3 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"/>
4.506.1 Each bathroom shall be provided with the following: <ol style="list-style-type: none"> 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"/>
4.507.2 Duct systems are sized and designed, and equipment is selected using the following methods: <ol style="list-style-type: none"> 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: _____