

# 2019 Residential MVGBC Amendments (based on California Green Building Standards Code & Mountain View City Code) Sheet 1 of 3

Residential: R occupancies (one -and two- family dwelling, townhouse with attached private garages, multifamily dwellings & hotel/motel)



Project Number: \_\_\_\_\_  
 Permit Address: \_\_\_\_\_

Check Box	1 Residential Additions and/or Alterations that increase the conditioned space, volume or size [1]		2 New Residential Construction	Measures	Plan Requirements	Location on Plans	Verification [3]	
	Responsible Party	Post Construction						
#	1	2	Residential Code Sections	MOUNTAIN VIEW CITY CODE 'GREEN BUILDING CODE' (Adopted):				
			<b>Mountain View City Code (MVCC) Division III Sect. 8.20.8-10 &amp; 8.20.13</b>					
1		•	MVCC 8.20.8 - 8.20.10 & Table 101.10	<b>Residential new construction</b> shall meet mandatory Calgreen and any Mountain View Amendments [N]	Notes on plans		Field Insp	
2		•	MVCC Section 8.20.10 & Table 101.10	<b>Residential new construction</b> shall demonstrate energy compliance to meet or exceed Title 24, Part 6 [N]	Notes on plans		Field Insp	
3		•	MVCC 8.20.10 & Table 101.10	<b>Hotel/Motel new construction</b> shall meet the intent of LEED Gold Certified [N]	LEED doc. on plans		LEED Proof	
4		•	MVCC 8.20.13 & Table 101.10	<b>All new mixed-use projects</b> must comply with Mountain View's green building requirements and meet the requirements applicable to each primary occupancy component [N]	LEED doc. and notes on plans		LEED Proof/ Field Insp	
			<b>MVCC Division III Section 8.20.10</b>	<b>WILDLIFE PROTECTION AND CONSERVATION (MVCC 'Green Building Code' - Adopted):</b>				
5		•	MVCC 8.20.10 & Table 101.10	<b>Bird-safe glass</b> (Hotel/Motel new construction) shall be installed on the exterior of the structure where the structure is ≥ than 10,000 square feet or the applicable precise plan requires it [N]	Details/notes on plans		Field Inspection	
			<b>CGBSC Division 4.1 Section 4.106 &amp; MVCC Division III Section 8.20</b>	<b>PLANNING AND DESIGN (Site Development):</b>				
6	•	•	MVCC 8.20.30	<b>Storm water drainage and retention during construction</b> for projects which disturb less than 1 acre	Details/notes on plans		Field Insp	
7	•	•	MVCC 8.20.36	<b>Stormwater sediment and erosion control plan</b> for newly constructed projects of less than 1 acre	Details/notes on plans		Field Insp	
8	•	•	MVCC 8.20.37	<b>Stormwater pollution prevention</b> for projects that disturb 1 or more acres of land [4]	Details/notes on plans		Env Safety	
9	•	•	MVCC 8.20.38	<b>Postconstruction stormwater control requirements</b> [4]	Details/notes on plans		Env Safety	
10	•	•	CGBSC 4.106.3	<b>Grading and paving</b> [4]	Details/notes on plans		Env Safety	
11		•	MVCC 8.20.8 - 8.20.9, 8.20.31 - 8.20.33 & Table 101.10	<b>Electric Vehicle (EV) Charging new construction</b> (for Single-family and duplexes & Multi-family) shall meet the parking requirements per Table 101.10 [N]	Details/notes on plans		Field Inspection	
12		•	MVCC 8.20.10 & Table 101.10 & 8.20.40 - 8.20.44	<b>Electric Vehicle (EV) Charging new construction</b> (for Hotel/motel) shall meet the parking requirements per Table 101.10 and the requirements per Table A5.106.5.3.2 [N]	Details/notes on plans		Field Inspection	
13		•	MVCC 8.20.8 & Table 101.10	<b>Installation of photovoltaic (PV)</b> (for Single-family and duplexes) per title 24, part 6, prewired to expand system to accomodate an all-electric building to 100% of annual kilowatt hour (kWh) consumption offset [N]	Details/notes on plans		Field Inspection	
14		•	MVCC 8.20.9 - 8.20.10 & Table 101.10	<b>Installation of photovoltaic (PV)</b> (for Multi-family & Hotel/motel) on 50% of roof area, see exception [N]	Details/notes on plans		Field Inspection	
15		•	MVCC 8.20.33	<b>Identification.</b> The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for EV charging purposes in accordance with the CEC	Details/notes on plans		Field Inspection	
			<b>Senate Bill No.7 Chapter 623</b>	<b>WATER METERS MULTI-UNIT STRUCTURES:</b>				
16		•	SB-7 Housing: water meters	<b>New multiunit structures</b> are required to be individually metered in the state of California - submeters must be located in an accessible location - (exempt: low income housing, housing at a place of education, long-term health facilities, time-share property & residential care facilities for the elderly)	Details/notes on plans		Field Inspection	
			<b>California Green Build. Standards Code (CGBSC) Divi. 4.3 Sect. 4.303</b>	<b>WATER EFFICIENCY AND CONSERVATION (Indoor Water Use):</b>				
17	•	•	CGBSC Section 4.303.1.1	<b>Water closets</b> shall not exceed 1.28 gallons per flush	Notes on Plans		Field Insp	
18	•	•	CGBSC Section 4.303.1.2	<b>Wall mounted Urinals</b> shall not exceed 0.125 gallons per flush	Notes on Plans		Field Insp	
19	•	•	CGBSC Section 4.303.1.2	<b>Floor mounted Urinals</b> shall not exceed 0.5 gallons per flush	Notes on Plans		Field Insp	
20	•	•	CGBSC Section 4.303.1.3.1	<b>Single showerhead</b> shall have a maximum flow of 1.8 gpm at 80 psi	Notes on Plans		Field Insp	
21	•	•	CGBSC Section 4.303.1.3.2	<b>Multiple showerheads serving one shower</b> shall have combined flow of 1.8 gpm at 80 psi or, the shower shall be designed to allow only one shower outlet to be in operation at a time	Notes on Plans		Field Insp	
22	•	•	CGBSC Section 4.303.1.4.1	<b>Residential lavatory faucets</b> shall have a maximum flow rate of 1.2 gpm at 60 psi & minimum of 0.8 gpm at 20 psi	Notes on Plans		Field Insp	
23	•	•	CGBSC Section 4.303.1.4.2	<b>Lavatory faucets in common and public use areas</b> (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gpm at 60 psi	Notes on Plans		Field Inspection	
24	•	•	CGBSC Section 4.303.1.4.4	<b>Kitchen faucets</b> shall have a maximum flow rate of 1.8 gpm at 60 psi	Notes on Plans		Field Insp	

TO BE COMPLETED AND SIGNED BEFORE FINAL INSPECTION

			Water Conservation Regulations & CGBSC Division 4.3 Section 4.304	WATER EFFICIENCY AND CONSERVATION (Outdoor Water Use):				
25	•	•	Water Conservation in Landscaping Regulations (Chapter 2) by Planning	Project shall comply with the water conservation in landscaping regulations where the affected landscape area (new or rehabilitated) is ≥ 500 square feet, [2,4]	Notes on Plans		Self-certified	
26	•	•	Water Efficient Design and Maintenance Checklist (Chapter 8) by Planning	Project shall comply with the water efficient and maintenance checklist [2,4]	Checklist form		Self-certified	
27	•	•	Water Conservation in Landscaping Regulations (Chapter 10) by Planning	Water budget. When a water budget is prepared for a landscaping areas ≥ 2,500 square feet, it must be completed by a certified or authorized professional [2,4]	Notes on Plans		Certification	
28	•	•	CGBSC Section 4.304.1	Outdoor potable water use in landscape areas for residential developments shall comply w/CGBSC section 4.304.1 [2,4]	Notes on Plans		Field Insp	
			<b>CGBSC Division 4.4 Section 4.406</b>	<b>MATERIAL CONSERVATION AND RESOURCE EFFICIENCY (Enhanced Durability and Reduced Maintenance):</b>				
29	•	•	CGBSC Section 4.406.1	Rodent Proofing. Joints and openings shall be protected against the passage of rodents	Details/notes on plans		Field Insp	
			<b>Construction and Demolition Waste &amp; CGBSC Division 4.4 Section 4.408</b>	<b>MATERIAL CONSERVATION AND RESOURCE EFFICIENCY (Construction Waste Reduction, Disposal &amp; Recycling):</b>				
30	•	•	Construction and demolition waste tracking & diversion requirements form	Construction Waste Diversion 65% reduction [4]	Mountain View waste tracking form		Public Works	
31	•	•	Construction and demolition waste tracking & diversion requirements form	Construction Waste Management Plan / Diversion is required for demolitions [4]	Mountain View waste tracking form		Public Works	
			<b>CGBSC Division 4.4 Section 4.410</b>	<b>MATERIAL CONSERVATION AND RESOURCE EFFICIENCY (Building Maintenance &amp; Operation):</b>				
32	•	•	CGBSC Section 4.410.1	Operation and maintenance manual. At the time of final inspection, an operation and maintenance manual shall be available	Details/notes on plans		Field Insp	
33		•	MVCC 8.20.34	Recycling by occupants. When 5 or more dwelling units are constructed on a building site, provide readily accessible areas that serves all buildings and residents [N]	Details/notes on plans		Field Inspection	
			<b>MVCC Division III Section 8.20.8 - 8.20.10</b>	<b>ENVIRONMENTAL QUALITY (No gas allowed, all electric installation):</b>				
34		•	Residential new construction (Single-family, duplexes & multi-family) MVCC Section 8.20.8 - 8.20.9 & Table 101.10	Natural gas shall not be allowed. The following list of items shall be electric installation: Space-conditioned equipment, clothes dryers, cooking appliances and fireplaces and/or fire pits [N]	Details/notes on plans		Field Inspection	
				Water-heating systems and equipment shall be electric or solar [N]	Details/notes on plans		Field Insp	
35		•	Residential new construction (Hotel/motel) MVCC Section 8.20.10 & Table 101.10	Natural gas shall not be allowed. The following list of items shall be electric installation: Space-conditioned equipment, clothes dryers and fireplaces and/or fire pits [N]	Details/notes on plans		Field Inspection	
				Cooking appliances shall be electric [N]	Details/notes on plans		Field Insp	
				Water-heating systems and equipment shall be electric or solar [N]	Details/notes on plans		Field Insp	
			<b>MVCC Division III Section 8.20.12- 8.20.13</b>	<b>ENVIRONMENTAL QUALITY (Fireplaces):</b>				
36	•	•	MVCC 8.20.46 & Table 101.10	Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed wood stove or pellet stove, and refer to residential requirements in the CEnerC [N]	Details/notes on plans		Field Insp	
37	•	•	MVCC 8.25.2 & Table 101.10	All wood-burning appliances installed in new residential units or wood-burning appliances being added to or replacing in existing residential units shall comply [N]	Details/notes on plans		Field Insp	
			<b>CGBSC Division 4.5 Section 4.504</b>	<b>ENVIRONMENTAL QUALITY (Pollutant Control):</b>				
38	•	•	CGBSC Section 4.504.1	Covering of duct openings and protection of mechanical equipment during construction, all duct and other related air distribution components, shall be covered with tape, plastic, sheet metal or other methods acceptable to the AHJ	Notes on Plans		Field Inspection	
39	•	•	CGBSC Section 4.504.2.1	Finish material pollutant control for adhesives, sealants & caulks shall comply w/VOC limits (Table 4.504.1 & 5.504.2)	Notes on Plans		Field Insp	
40	•	•	CGBSC Section 4.504.2.2	Finish material pollutant control for paints and coatings shall comply with limits of VOC (Table 5.504.3)	Notes on Plans		Field Insp	
41	•	•	CGBSC Section 4.504.2.3	Finish material pollutant control for aerosol paints and coatings shall comply with MIR limits for ROC & VOC	Notes on Plans		Field Insp	
42	•	•	CGBSC Section 4.504.2.4	Verification of compliance and documentation shall be provided	Notes on Plans		Field Insp	
43	•	•	CGBSC Section 4.504.3	Finish material pollutant control for carpet systems shall meet testing and product requirements (carpet, cushion & carpet adhesive)	Notes on Plans		Field Inspection	
44	•	•	CGBSC Section 4.504.4	Finish material pollutant control for resilient flooring systems shall comply with VOC emission limits (80%)	Notes on Plans		Field Insp	
45	•	•	CGBSC Section 4.504.5	Finish material pollutant control for composite wood products shall comply with required formaldehyde limits per Table 5.504.5 & verification	Notes on Plans		Field Inspection	
			<b>CGBSC Division 4.5 Section 4.505</b>	<b>ENVIRONMENTAL QUALITY (Interior Moisture Control):</b>				
46	•	•	CGBSC Section 4.505.2	Concret slab foundations are required to have a vapor retarder & capillary break	Details/notes on plans		Field Insp	
47	•	•	CGBSC Section 4.505.3	Moisture content of building materials. Building materials w/visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content	Details/notes on plans		Field Inspection	
			<b>CGBSC Division 4.5 Section 4.506</b>	<b>ENVIRONMENTAL QUALITY (Indoor Air Quality &amp; Exhaust):</b>				
48	•	•	CGBSC Section 4.506.1	Bathroom exhaust fans. Each bathroom shall be mechanically ventilated & have a humidity control per Section 4.506.1	Details/notes on plans		Field Insp	

		<b>CGBSC Division 4.5 Section 4.507</b>	<b>ENVIRONMENTAL QUALITY (Environmental Comfort):</b>			
49	•	•	CGBSC Section 4.507.2	Heating and air-conditioning system design (ducts), shall be sized, designed and have their equipment selected by accepted design methods	Details/notes on plans	HERS Rater
		<b>CGBSC Chapter 7 Section 701</b>	<b>INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS:</b>			
50	•	•	CGBSC Section 702.1	Installer training. HVAC system installers shall be trained and certified	Notes on plans	Field Insp

<b>Foot Notes</b>	[1]	Only within the area of alteration, including all non compliant plumbing fixtures shall be replaced with water-conserving plumbing fixtures
	[2]	Except for R1 and R2 zoned properties
	[3]	See "SECTION TO BE COMPLETED AFTER CONSTRUCTION" below
	[4]	Regulated by Other than Mountain View City Code (MVCC)
	[N]	New (2019 California Green Building Standards Code -CGSC- & Mountain View City Code -MVCC- Green Code / Reach Codes - Adopted)
		Not required
	•	Mandatory requirements

<b>OWNER ACKNOWLEDGEMENT</b>	
<p>This project is required to comply with the California Green Building Standards Code (T24, Part 11) and the Mountain View City Code (MVCC) Green Building Code Amendments. I, the property owner / legal representative, acknowledge and understand the requirements and penalties for noncompliance. I am responsible for all activities performed by design team members, contractors and subcontractors in meeting the requirements. I also understand that my project may be subject to an energy or water performance review to assess compliance with the program after construction and during operation.</p>	
Signature (Owner)	Date
Print Full Name	Phone or Email
<b>SECTION TO BE COMPLETED AFTER CONSTRUCTION</b>	
<p><b><u>In order to schedule a final building inspection with the Building Department, follow the procedures below.</u></b></p> <p>At the final building inspection prepare to be submitted the following items: (Initial for each applicable item) (Initial below)</p> <p>_____ Per the California Energy Code &amp; energy reports, provide the completed CF2R, CF3R forms (Certificate of Installation &amp; Certificate of Verification).</p> <p>_____ Cutsheets or proof of installation of products and materials that meet the required VOC and formaldehyde limits (CALGreen 4.504.2.1-4, 4.504.3-5)</p> <p>_____ Provide Proof of Construction Waste Diversion, contact Public Works at (650) 903-6311</p> <p><b>I certify that:</b></p> <p>_____ There have been no alterations that have impacted the energy report (CF-1R form) for the project, unless the new report is provided;</p> <p>_____ All mandatory CALGreen measures noted in the checklist have been implemented unless a new checklist is provided</p>	
Signature (Owner) and Date <i>(Sign only after construction is completed)</i>	Signature (Contractor) and Date
Print Name	Print Name

**Hyperlinks to: Planning checklists, Waste tracking & Green Building Code Amendments:**

**\* Planning:**  
<https://www.mountainview.gov/depts/comdev/planning/application.asp>

**\* Public works:**  
<http://www.mountainview.wastetracking.com/>

**\* Green Building Code Amendments:**  
<https://www.mountainview.gov/civicax/filebank/blobdload.aspx?BlobID=31140>



**CITY OF MOUNTAIN VIEW**

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