This checklist is effective January 1, 2020, and applies to new nonresidential projects without sleeping accommodations. Existing site and landscaping improvements that are not otherwise disturbed are not subject to CALGreen.

Submit this checklist with your plans to demonstrate compliance with the green building ordinance. This checklist includes modifications specific to Marin County. For more information on the County's Green Building requirements, please visit www.maringreenbuilding.org

For more information on CALGreen and complete measure language, see Chapters 5 and Appendix 5 here: https://codes.iccsafe.org/content/CAGBSC2019/table-of-contents

PROJECT DETAILS	
Project Address	APN
Applicant Name (Please Print)	_
PROJECT VERIFICATION	
The Green Building Rater, listed below, has reviewed the plans elective measures listed above are hereby incorporated into the pinto the project in accordance with the requirements set forth in Standards Code as amended by the County of Marin.	project plans and will be implemented
Signature	Date
Name (Please Print)	_
Green Building Certification ¹ and License Number	

¹ CalGREEN Special Inspector, LEED AP, or Green Point Rater are acceptable certifications

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DIVISION 5.1 PLANNING AND DESIGN

Note: All measures are mandatory unless not in project scope (Select Completed or Not Applicable [N/A])

5.106.1 (MANDATORY) 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 compliance with the

County of Marin's stormwater management ordinance. Link: County of Marin's stormwater management ordinance Completed □ N/A □ Plan sheet reference (if applicable): 5.106.2 (MANDATORY) Comply with all lawfully enacted stormwater discharge regulations for projects that disturb one acre or more of land or disturb less than one acre of land but are part of a larger common plan of development or sale. Projects must comply with National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities. Plan sheet reference (if applicable): Completed □ N/A □ **5.106.4.1.1 (MANDATORY)** Short-term bicycle parking. If the new 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 new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack. Completed □ N/A □ Plan sheet reference (if applicable): 5.106.4.1.2 (MANDATORY) Long-term bicycle parking. For new buildings with 10 or more tenant-occupants provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one space. Completed □ N/A □ Plan sheet reference (if applicable): _____ 5.106.4.1.4 (MANDATORY) For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility. Plan sheet reference (if applicable): Completed □ N/A □ 5.106.4.1.5 (MANDATORY) Acceptable bicycle parking facility for Sections 5.106.4.1.1 through 5.106.4.1.4 shall be convenient from the street and shall meet one of the following: 1. Covered, lockable enclosures with permanently anchored racks for bicycles; 2. Lockable bicycle rooms with permanently anchored racks; or 3. Lockable, permanently anchored bicycle lockers. Completed □ N/A □ Plan sheet reference (if applicable): _____

	and carpool/van pool vehicles.
Completed □ N/A □	Plan sheet reference (if applicable):
	RY) Paint, in the paint used for stall striping, the following characters such that the d aligns with the end of the stall striping and is visible beneath a parked vehicle:
CLEAN AIR/ VANPOOL/EV	
Completed \square N/A \square	Plan sheet reference (if applicable):
<u>-</u>	RY) Building managers may consult with local community Transit Management nethods of designating qualifying vehicles, such as issuing parking stickers.
Completed □ N/A □	Plan sheet reference (if applicable):
When EVSE(s) is/are installed, in will of the spaces, not	in which 10% of spaces are built to be EV Ready and the remaining spaces are
Completed □ N/A □	Plan sheet reference (if applicable):
overcurrent protective dev	Y) The service panel or subpanel circuit directory shall identify the reserved rice space(s) for future EV charging as "EV CAPABLE." The raceway termination ntly and visibly marked as "EV CAPABLE."
Completed □ N/A □	Plan sheet reference (if applicable):
••	Y) Future charging spaces qualify as designated parking as described in Section rking for clean air vehicles.
Completed □ N/A □	Plan sheet reference (if applicable):

minimum requirements in the	e California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the de and maximum backlight, uplight, and glare (BUG) ratings shown in
Completed \square N/A \square	Plan sheet reference (if applicable):
-	onstruction plans shall indicate how site grading or a drainage system will ws to keep water from entering buildings.
Completed \square N/A \square	Plan sheet reference (if applicable):
emittance complying with CA	Use roofing materials having a minimum aged solar reflectance and thermal ALGreen Sections A5.106.11.2.1 and A5.106.11.2.2 or a minimum aged Solar applying with Section A5.106.11.2.3 and as shown in Table A5.106.11.2.2
Completed \square N/A \square	Plan sheet reference (if applicable):
DIVISION 5.2 ENERG	Y EFFICIENCY
Note: All measures are man	datory unless not in project scope (Select Completed or Not Applicable [N/A])
comply with one of the follow	et minimum California Energy Commission energy efficiency standards and ving energy efficiency and electrification compliance options adopted in the Chapter 19.04, Subchapter 2.
Limited mixed-fuel (n energy efficiency con	lies with minimum energy efficiency standards; <u>OR</u> atural gas only allowed for cooking appliances and gas fireplaces) and an appliance margin of 5%; <u>OR</u> as and electric allowed for all appliances) and an energy efficiency compliance
Link: Marin County Building	Code, Chapter 19.04, Subchapter 2
Completed □ N/A □	Plan sheet reference (if applicable):
the Allowed Outdoor Lighting	Y) Newly installed outdoor lighting power shall be no greater than 90 percent of g Power. The Allowed Outdoor Lighting power calculation is specified in Title equirements for Outdoor Lighting."
Completed □ N/A □	Plan sheet reference (if applicable):
•	') Newly constructed restaurants 8,000 square feet of greater and with service Btu/h or greater shall install a solar water-heating system with a minimum solar
Completed □ N/A □	Plan sheet reference (if applicable):

in 5.201.1 above.	(Y) Comply with one of the energy efficiency and electrification options outlined
Completed □ N/A □	Plan sheet reference (if applicable):
DIVISION 5.3 WATE	R EFFICIENCY AND CONSERVATION
Note: All measures are ma	ndatory unless not in project scope (Select Completed or Not Applicable [N/A])
5.303.1.1 (MANDATORY) submeters shall be installed	For new buildings or additions in excess of 50,000 square feet, separate d as follows:
more than 100 gal/o restaurant or food s 2. Where separate sul following subsysten a. Makeup wat b. Makeup wat	leased, rented, or other tenant space within the building projected to consume day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, ervice, medical or dental office, laboratory, or beauty salon or barber shop. ometers for individual building tenants are unfeasible, for water supplied to the his: er for cooling towers where flow through is greater than 500 gpm (30 L/s). er for evaporative coolers greater than 6 gpm (0.04 L/s). hot-water boilers with energy input more than 500,000 Btu/h (147 kW).
Completed \square N/A \square	Plan sheet reference (if applicable):
-	A separate submeter or metering device shall be provided for any tenant within a ddition that is projected to consume more than 1,000 gal/ day
Completed \square N/A \square	Plan sheet reference (if applicable):
use of potable water within	RY) A schedule of plumbing fixtures and fixture fittings that will reduce the overall the building by 12 percent shall be provided. The reduction shall be based on ter use per plumbing fixture and fitting as required by the <i>California Building</i>
Completed \square N/A \square	Plan sheet reference (if applicable):
,	The effective flush volume of all water closets shall not exceed 1.28 gallons per ets shall be certified to the performance criteria of the U.S. EPA WaterSense Toilets.
Completed \square N/A \square	Plan sheet reference (if applicable):
5.303.3.2.1 (MANDATORY gallons per flush.	The effective flush volume of wall-mounted urinals shall not exceed 0.125
Completed □ N/A □	Plan sheet reference (if applicable):

per flush.	Ty The effective hash volume of hoof-mounted diffials shall not exceed 0.5 gallons	
Completed □ N/A □	Plan sheet reference (if applicable):	
	Y) Showerheads shall have a maximum flow rate of not more than 1.8 gallons per neads shall be certified to the performance criteria of the U.S. EPA WaterSense eads	
Completed □ N/A □	Plan sheet reference (if applicable):	
rate of all showerheads ar	Y) When a shower is served by more than one showerhead, the combined flow nd/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons e shower shall be designed to allow only one shower outlet to be in operation at a	
Completed □ N/A □	Plan sheet reference (if applicable):	
5.303.3.4.1 (MANDATOR per minute at 60 psi.	Y) Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons	
Completed \square N/A \square	Plan sheet reference (if applicable):	
per minute at 60 psi. Kitch	Y) Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons nen faucets may temporarily increase the flow above the maximum rate, but not to nute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute	
Completed □ N/A □	Plan sheet reference (if applicable):	
5.303.3.4.3 (MANDATOR per minute/20 [rim space	Y) Wash fountains shall have a maximum flow rate of not more than 1.8 gallons (inches) at 60 psi].	
Completed □ N/A □	Plan sheet reference (if applicable):	
5.303.3.4.4 (MANDATOR	Y) Metering faucets shall not deliver more than 0.20 gallons per cycle.	
Completed □ N/A □	Plan sheet reference (if applicable):	
•	Y) Metering faucets for wash fountains shall have a maximum flow rate of not er cycle/20 [rim space (inches) at 60 psi].	
Completed □ N/A □	Plan sheet reference (if applicable):	

gpm when the disposer is r	not in use (not actively grinding food waste/no-load) or shall automatically shut offittes of inactivity. Disposers shall use no more than 8 gpm of water.
Completed □ N/A □	Plan sheet reference (if applicable):
	umbing fixtures and fittings shall be installed in accordance with the California meet the applicable standards referenced in Table 1701.1 of the California pter 6 of this code.
Completed \square N/A \square	Plan sheet reference (if applicable):
•	onresidential developments shall comply with a local water efficient landscape alifornia Department of Water Resources Model Water Efficient Landscape hever is more stringent.
Completed \square N/A \square	Plan sheet reference (if applicable):
recycled water is available potable water supply system	All newly constructed nonresidential developments, where disinfected tertiary from a municipal source to a construction site, shall be provided with both a m and a recycled water supply system. The recycled water supply system shall (recycled) water for aboveground and subsurface irrigation to all landscape
Completed \square N/A \square	Plan sheet reference (if applicable):
requirements of this code,	Recycled water supply systems for outdoor applications shall meet the and the California Code of Regulations, Title 17, Division 1, Chapter 5, sion 4, Chapter 3; and Title 23, Division 2, Chapter 2.7, as applicable.
Completed \square N/A \square	Plan sheet reference (if applicable):
DIVISION 5.4 MATEI	RIAL CONSERVATION & RESOURCE EFFICIENCY
Note: All measures are ma	ndatory unless not in project scope (Select Completed or Not Applicable [N/A])
(combined) recycled conter	Use materials, equivalent in performance to virgin materials with a total nt value (RCV) not less than 10 percent of the total material cost of the project, or set the minimum recycled content levels in Table A5.405.4 for at least 75%, by category in the project.
Completed □ N/A □	Plan sheet reference (if applicable):

A5.405.4.1 (MANDATORY) Total material cost is the total estimated or actual cost of materials and assembly products used in the project. The required total recycled content value for the project (in dollars) shall be determined by the following equation:

Required Total RCV (dollars) =
Total Material Cost (dollars) × 10 percent

	- (, , - 1
Completed □ N/A □	Plan sheet reference (if applicable):
A5.405.4.2 (MANDATORY) section.	Total RCV may be determined either by dollars or percentage as noted in this
Completed □ N/A □	Plan sheet reference (if applicable):
•	The recycled content value of each material (RCVM) is calculated by rial, as defined by the recycled content. See Equations A5.4-6 and A5.4-7.
Completed □ N/A □	Plan sheet reference (if applicable):
•	The recycled content value of assemblies is calculated by multiplying the total all recycled content of the assembly (RCA), and shall be determined by Equation
Completed □ N/A □	Plan sheet reference (if applicable):
ground blast furnace slag correcycled content in concrete	When Supplementary Cementitious Materials (SCMs), such as fly ash or ement, are used in concrete, an alternate method of calculating and reporting e products shall be permitted. When determining the recycled content value, the all be multiplied by the cost of the cementitious materials only, not the total cost
Completed □ N/A □	Plan sheet reference (if applicable):
	Use cement and concrete made with recycled products and complying with 5.5.1 through A5.405.5.5 and comply with limits adopted in Marin County ce 3717
Completed □ N/A □	Plan sheet reference (if applicable):
•	ovide a weather-resistant exterior wall and foundation envelope as required by ction 1403.2 (Weather Protection), manufacturer's installation instructions or s more stringent.
Completed □ N/A □	Plan sheet reference (if applicable):

5.407.2.1 (MANDATORY) D	esign and maintain landscape irrigation systems to prevent spray on structures.
Completed \square N/A \square	Plan sheet reference (if applicable):
•	Primary exterior entries shall be covered to prevent water intrusion by using finishes within at least 2 feet around and perpendicular to such openings plus
3. The door is recessed	by a roof overhang at least 4 feet in depth.
Completed \square N/A \square	Plan sheet reference (if applicable):
5.407.2.2.2 (MANDATORY)	Install flashings integrated with a drainage plane.
Completed □ N/A □	Plan sheet reference (if applicable):
•	cycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous waste in accordance with the reporting standards outlined by Zero Waste
Completed \square N/A \square	Plan sheet reference (if applicable):
•	percent of trees, stumps, rocks and associated vegetation and soils resulting hall be reused or recycled. For a phased project, such material may be brage site is developed.
Completed \square N/A \square	Plan sheet reference (if applicable):
and demolition waste general facilities shall include a quality	Divert to recycle or salvage at least 65 percent of nonhazardous construction ted at the site. Any mixed recyclables that are sent to mixed-waste recycling fied third party verified facility average diversion rate. Verification of diversion rtification eligibility guidelines, acceptable to the local enforcing agency.
Completed \square N/A \square	Plan sheet reference (if applicable):
	A copy of the completed waste management report or documentation of nagement company utilized shall be provided.
Completed □ N/A □	Plan sheet reference (if applicable):

5.410.1 (MANDATORY) Provide readily accessible areas that serve the entire building and are identified fo
the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum)
paper, corrugated cardboard, glass, plastics, organic waste, and metals, or meet a lawfully enacted local
recycling ordinance, if more restrictive.

Completed □ N/A □	Plan sheet reference (if applicable):	
- 1		

5.410.2 (MANDATORY) For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. All occupancies other than I-occupancies and L-occupancies shall comply with the California Energy Code as prescribed in California Energy Code Section 120.8. For I-occupancies which are not regulated by OSHPD or for I-occupancies and L-occupancies which are not regulated by the California Energy Code Section 100.0 Scope; all requirements in sections 5.410.2 through 5.410.2.6 shall apply. Commissioning requirements shall include:

- 1. Owner's or owner representative's project requirements.
- 2. Basis of design.
- 3. Commissioning measures shown in the construction documents.
- 4. Commissioning plan.
- 5. Functional performance testing.
- 6. Documentation and training.
- 7. Commissioning report.

Exceptions:

- 1. Unconditioned warehouses of any size.
- 2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
- 3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
- 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and/or air conditioning.

provide heating and/or air co	nditioning.	
Completed \square N/A \square	Plan sheet reference (if applicable):	

5.410.2.1 (MANDATORY) Owner's or Owner representative's Project Requirements (OPR). The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:

- 1. Environmental and sustainability goals.
- 2. Energy efficiency goals.
- 3. Indoor environmental quality requirements.
- 4. Project program, including facility functions and hours of operation, and need for afterhours operation.

	quipment and system uilding occupant and	ms expectations. d O&M personnel expectations
Complete	ed □ N/A □	Plan sheet reference (if applicable):
shall be c		written explanation of how the design of the building systems meets the OPR sign phase of the building project. The Basis of Design document shall cover
2. Ind 3. W 4. Re 5. La	eating, ventilation, a door lighting system ater heating system enewable energy sy andscape irrigation s ater reuse systems	n vstems. systems.
Complete	ed □ N/A □	Plan sheet reference (if applicable):
1. Ge 2. Co 3. Sy 4. Co 5. Co	eneral project informommissioning goals ystems to be comming a. An explanation b. Equipment an c. Functions to be d. Conditions under the commissioning team	issioned. Plans to test systems and components shall include: In of the original design intent. It displays to be tested, including the extent of tests. It is tested. It is the test shall be performed. It is information. It is acceptable performance. Information. It is sactivities, schedules and responsibilities. Plans for the completion of
Complete	ed □ N/A □	Plan sheet reference (if applicable):
operation plans and	of each component d specifications. Fun	unctional performance tests shall demonstrate the correct installation and t, system and system-to-system interface in accordance with the approved actional performance testing reports shall contain information addressing each ested, the testing methods utilized, and include any readings and adjustments
Complete	ed □ N/A □	Plan sheet reference (if applicable):

	systems manual and systems operations training are required, including alth Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, ted regulations.
Completed □ N/A □	Plan sheet reference (if applicable):
	Documentation of the operational aspects of the building shall be completed nd delivered to the building owner or representative. The systems manual shall
 Site contact informat Basic operations and troubleshooting, reco Major systems. Site equipment inver A copy of verification 	uding facility description, history and current requirements. In maintenance, including general site operating procedures, basic symmetry and maintenance requirements, site events log. It tory and maintenance notes. It is required by the enforcing agency or this code. It documentation, if applicable.
Completed □ N/A □	Plan sheet reference (if applicable):
	A program for the training of the appropriate maintenance staff for each m shall be developed and documented in the commissioning report and shall
it interfaces). 2. Review and demonst 3. Review of the inform	verview (what it is, what it does and with what other systems and/or equipment tration of servicing/preventative maintenance. ation in the systems manual. drawings on the system/equipment.
Completed □ N/A □	Plan sheet reference (if applicable):
	report of commissioning process activities undertaken through the design and uilding project shall be completed and provided to the owner or representative.
Completed □ N/A □	Plan sheet reference (if applicable):
	sting and adjusting of systems shall be required for new buildings less than ystems to serve an addition or alteration subject to Section 303.1.
Completed □ N/A □	Plan sheet reference (if applicable):
	evelop a written plan of procedures for testing and adjusting systems. Systems dadjusting shall include, as applicable to the project:

- 1. HVAC systems and controls.
- 2. Indoor and outdoor lighting and controls.

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3. Water heating systems.4. Renewable energy systems.

5. Landscape irrigation systems. 6. Water reuse systems. Plan sheet reference (if applicable): Completed □ N/A □ 5.410.4.3 (MANDATORY) Perform testing and adjusting procedures in accordance with applicable standards on each system as determined by the enforcing agency. Plan sheet reference (if applicable): Completed □ N/A □ **5.410.4.3.1 (MANDATORY)** In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, balancing the system in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency. Completed □ N/A □ Plan sheet reference (if applicable): _____ 5.410.4.4 (MANDATORY) After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services. Completed □ N/A □ Plan sheet reference (if applicable): 5.410.4.5 (MANDATORY) Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/ warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations. Completed □ N/A □ Plan sheet reference (if applicable): 5.410.4.5.1 (MANDATORY) Include a copy of all inspection verifications and reports required by the enforcing agency. Plan sheet reference (if applicable): Completed □ N/A □ **DIVISION 5.5 ENVIRONMENTAL QUALITY** Note: All measures are mandatory unless not in project scope (Select Completed or Not Applicable [N/A]) **5.503.1 (MANDATORY)** Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances. Completed □ N/A □ Plan sheet reference (if applicable):

•	PS) emission limits as applicable and shall have a permanent label indicating emission limits.
Completed \Box N/A \Box	Plan sheet reference (if applicable):
to condition the building or ar and equipment installation. If Minimum Efficiency Reportin of 30 percent based on ASHI	e permanent HVAC system shall only be used during construction if necessary reas of addition or alteration within the required temperature range for material of the HVAC system is used during construction, use return air filters with a g Value (MERV) of 8, based on ASHRAE 52.2 1999, or an average efficiency RAE 52.1 1992. Replace all filters immediately prior to occupancy or, if the literation, at the conclusion of construction.
Completed \square N/A \square	Plan sheet reference (if applicable):
final startup of the heating, co	he time of rough installation and during storage on the construction site until cooling and ventilating equipment, all duct and other related air distribution covered with tape, plastic, Sheetmetal or other methods acceptable to the he amount of dust, water and debris which may enter the system.
Completed \square N/A \square	Plan sheet reference (if applicable):
5.504.4.1 (MANDATORY) Adof the following standards:	dhesives, sealants and caulks used on the project shall meet the requirements
comply with local or reapplicable, or SCAQN products also shall conform, ethylene except for aerosol product, less packathan 16 fluid ounces)	bonding primers, adhesive primers, sealants, sealant primers and caulks shall egional air pollution control or air quality management district rules where MD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such amply with the Rule 1168 prohibition on the use of certain toxic compounds dichloride, methylene chloride, perchloroethylene and trichloroethylene), aducts as specified in subsection 2, below. In a smaller unit sizes of adhesives, and sealant or caulking compounds (in units aging, which do not weigh more than one pound and do not consist of more shall comply with statewide VOC standards and other requirements, including a certain toxic compounds, of California Code of Regulations, Title 17, action 94507.

5.504.4.3 (MANDATORY) Architectural paints and coatings shall comply with VOC limits in Table 1 of the

stringent local limits apply. The specialty coatings categories Flat, Nonflat, or Nonflat-High 4.37 of the 2007 California Ai	Suggested Control Measure, as shown in Table 5.504.4.3, unless more ne VOC content limit for coatings that do not meet the definitions for the listed in Table 5.504.4.3 shall be determined by classifying the coating as a Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36, and r Resources Board Suggested Control Measure, and the corresponding Flat, s VOC limit in Table 5.504.4.3 shall apply.
Completed \square N/A \square	Plan sheet reference (if applicable):
94522(a)(3) and other require depleting substances, in Secton mencing with Section 94	Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section ements, including prohibitions on use of certain toxic compounds and ozone tions 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, 520; and in areas under the jurisdiction of the Bay Area Air Quality ally comply with the percent VOC by weight of product limits of Regulation 8
Completed \square N/A \square	Plan sheet reference (if applicable):
	mpliance with this section shall be provided at the request of the enforcing include, but is not limited to, the following:
 Manufacturer's product Field verification of or 	•
Completed \square N/A \square	Plan sheet reference (if applicable):
5.504.4.4 (MANDATORY) Al testing and product requirement	carpet installed in the building interior shall meet at least one of the following ents:
 Compliant with the VC Department of Public Chemical Emissions f 2010 (also known as 0) NSF/ANSI 140 at the 4 Scientific Certification 5 Compliant with the Compliant wit	s Systems Sustainable Choice; or ollaborative for High Performance Schools California (CA-CHPS) Criteria 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High
	Plan sheet reference (if applicable):
	All carpet cushion installed in the building interior shall meet the requirements
Completed □ N/A □	Plan sheet reference (if applicable):

5.504.4.4.2 (MANDATORY) A	All carpet adhesive shall meet the requirements of Table 5.504.4.1.
Completed □ N/A □	Plan sheet reference (if applicable):
wood products used on the intas specified in ARB's Air Toxic	rdwood plywood, particleboard, and medium density fiberboard composite terior or exterior of the building shall meet the requirements for formaldehyde cs Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). It under the ATCM must meet the specified emission limits, as shown in Table
Completed □ N/A □	Plan sheet reference (if applicable):
the enforcing agency. Docume	/erification of compliance with this section shall be provided as requested by entation shall include at least one of the following:
 Product certifications a Chain of custody certif 	•
•	voiced as meeting the Composite Wood Products regulation (see CCR, Title
Association, the Austra	s marked as meeting the PS-1 or PS-2 standards of the Engineered Wood alian AS/NZS 2269 or European 636 3S standards. able to the enforcing agency
Completed □ N/A □	Plan sheet reference (if applicable):
5.504.4.6 (MANDATORY) For shall meet at least one of the	r 80 percent of floor area receiving resilient flooring, installed resilient flooring following:
 Compliant with the VO Department of Public I Version 1.1, February Compliant with the Col Interpretation for EQ 7 Performance Product I 	llaborative for High Performance Schools California (CA-CHPS) Criteria .0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High
Completed □ N/A □	Plan sheet reference (if applicable):
5.504.4.6.1 (MANDATORY) Described the pollutant emission limits.	Occumentation shall be provided verifying that resilient flooring materials meet
Completed □ N/A □	Plan sheet reference (if applicable):

A5.504.4.7 (MANDATORY) For 90 percent of floor area receiving resilient flooring, install resilient flooring that is:

- 1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
- 2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
- 3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product Database; or
- 4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

Completed □ N/A □	Plan sheet reference (if applicable):
A5.504.4.7.2 (MANDATORY) meet the pollutant emission li	Documentation shall be provided verifying that resilient flooring materials mits.
Completed □ N/A □	Plan sheet reference (if applicable):
A5.504.4.8 (MANDATORY)	Comply with the following standards:
Standards Code, 2. The VOC-emission lim Database. 3. California Department	dards for Insulating Material) in Title 24, Part 12, the California Referenced nits defined in 2009 CHPS criteria and listed on its High Performance Products of Public Health 2010 Standard Method for the Testing and Evaluation of nical Emissions from Indoor Sources Using Environmental Champers, Version
Completed □ N/A □	Plan sheet reference (if applicable):
A5.504.4.8.2 (MANDATORY) meet the pollutant emission li	Documentation shall be provided verifying that thermal insulation materials mits.
Completed □ N/A □	Plan sheet reference (if applicable):

5.504.5.3 (MANDATORY) 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 Minimum Efficiency Reporting Value (MERV) of 8. Specified filters 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. Exceptions:

1. An ASHRAE 10-percent to 15-percent efficiency filter shall be permitted for an HVAC unit meeting the 2016 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use

of the air delivery system is 0.4 W/cfm or less at design air flow. 2. Existing mechanical equipment	
Completed \square N/A \square	Plan sheet reference (if applicable):
5.504.5.3.1 (MANDATORY) MERV rating.	Installed filters shall be clearly labeled by the manufacturer indicating the
Completed \square N/A \square	Plan sheet reference (if applicable):
5.504.7 (MANDATORY) Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions	
Completed □ N/A □	Plan sheet reference (if applicable):
California Building Code, CC	oor moisture control. Buildings shall meet or exceed the provisions of the R, Title 24, Part 2, Section 1203 (Ventilation) and Chapter 14 (Exterior Walls). applicable to low-rise residential occupancies, see Section 5.407.2 of this code
Completed □ N/A □	Plan sheet reference (if applicable):
meet the minimum requireme	side air delivery. For mechanically or naturally ventilated spaces in buildings, ents of Section 120.1 (Requirements for Ventilation) of the 2016 California le local code, whichever is more stringent, and Division 1, Chapter 4 of CCR,
Completed \square N/A \square	Plan sheet reference (if applicable):
5.506.2 (MANDATORY) For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the 2016 California Energy Code, Section 120.1(c)4.	
Completed □ N/A □	Plan sheet reference (if applicable):

5.507.4 (MANDATORY) Acoustical control. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E90 and ASTM E413 or Outdoor-

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Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Completed \square N/A \square	Plan sheet reference (if applicable):
building or addition envelop	Wall and roof-ceiling assemblies exposed to the noise source making up the e or altered envelope shall meet a composite STC rating of at least 50 or a less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in
1. Within the 65 CNEL	noise contour of an airport
Completed \square N/A \square	Plan sheet reference (if applicable):
operation shall have building	Buildings exposed to a noise level of 65 dB Leq-1-hr during any hour of g, addition or alteration exterior wall and roof-ceiling assemblies exposed to the aposite STC rating of at least 45 (or OITC 35), with exterior windows of a C 30).
Completed \square N/A \square	Plan sheet reference (if applicable):
roof-ceiling assemblies expo envelope shall be construct	For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and osed to the noise source making up the building or addition envelope or altered ed to provide an interior noise environment attributable to exterior sources that equivalent noise level (Leq -1Hr) of 50 dBA in occupied areas during any hours
Completed \square N/A \square	Plan sheet reference (if applicable):
•	Exterior features such as sound walls or earth berms may be utilized as addition or alteration project to mitigate sound migration to the interior.
Completed \square N/A \square	Plan sheet reference (if applicable):
	An acoustical analysis documenting complying interior sound levels shall be oved by the architect or engineer of record.
Completed \square N/A \square	Plan sheet reference (if applicable):
5.507.4.3 (MANDATORY) \and public places shall have	Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces an STC of at least 40.
Completed □ N/A □	Plan sheet reference (if applicable):

	Ozone depletion and greenhouse gas reductions. Installations of HVAC, ression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.
Completed □ N/A □	Plan sheet reference (if applicable):
5.508.1.1 (MANDATORY Chlorofluorocarbons (CFC) Install HVAC, refrigeration and fire suppression equipment that do not contain Cs.)
Completed □ N/A □	Plan sheet reference (if applicable):
5.508.1.2 (MANDATORY Halons.) Install HVAC, refrigeration and fire suppression equipment that do not contain
Completed □ N/A □	Plan sheet reference (if applicable):
provisions of this section and that utilize either refricompressor units or condicontaining high-global-wa	6.3 (MANDATORY) New commercial refrigeration systems shall comply with the when installed in retail food stores 8,000 square feet or more conditioned area, gerated display cases, or walk-in coolers or freezers connected to remote ensing units. The leak reduction measures apply to refrigeration systems rming potential (high-GWP) refrigerants with a GWP of 150 or greater. New ude both new facilities and replacement of existing refrigeration systems in existing
Completed □ N/A □	Plan sheet reference (if applicable):
DIVISION 5.5 ELEC	TIVE MEASURES
Enter elective measures t Voluntary Measures:	rom 2019 California Green Building Standards Code Appendix 5, Nonresidential
Enter One ELECTIVE Me	easure from Section A5.1: Algren Measure Number:
Plan sheet reference (if a	oplicable):
Enter One ELECTIVE Me	easure from Section A5.3: CALGreen Measure Number:
Plan sheet reference (if a	oplicable):
Enter One ELECTIVE Me	easure from Section A5.4: CALGreen Measure Number:
Plan sheet reference (if a	oplicable):
Enter One ELECTIVE Me	easure from Section A5.5: CALGreen Measure Number:
Plan sheet reference (if a	oplicable):