MARIN COUNTY GREEN BUILDING FORM

STANDARDS FOR SINGLE- AND MULTI-FAMILY, AND HOTEL/MOTEL NEW CONSTRUCTION

These green building standards have been established to ensure that residential (one- and two-family, multifamily, hotels, motels, and other dwellings) new construction in Marin County is healthy for occupants, has limited impact on the environment, reduces demand for energy, and results in cost savings from building operation. Requirements were adopted November 2022 and enforced starting January 1, 2023, ending December 31, 2025. The four-step process below helps applicants understand and comply with the County's green building requirements. Please reference <u>Title 19.04 and 19.07 of the Marin County Building Code</u> to comply.

GREEN BUILDING PROJECT PROCESS

1 PROJECT DESIGN

It is important for project owners, architects, engineers, and designers to understand the applicable state and local green building requirements prior to project design. Early consideration of these standards allows for design of buildings and systems that are compliant, energy efficient, and cost effective, and minimize back and forth.

2 PLANNING APPLICATION (IF REQUIRED)

If your project is subject to planning review, be prepared to identify in your planning application what compliance methods you've selected and how you plan to meet the requirements. If you anticipate difficulties meeting the requirements outlined in the Green Building Checklist, these concerns and any requests for exemptions should be identified in your planning application.

3 INITIAL BUILDING PERMIT SUBMITTAL

□ Completed	Marin (County G	reen Buildi	ng Ch	nec	<mark>klist</mark> (page	es 2-3)				
$\ \square$ Completed	<u>Marin</u>	County	CALGreen	Tier	1	Checklist	(pages	<i>4-16</i>),	with	plan	sheet
references	where	applicat	ole.								

☐ Energy Code compliance documents as required under State Energy Code

All the following MUST be included with your initial application for a building permit:

4 FINAL INSPECTION

When the project is completed, submit the following to have the green building hold lifted:
☐ Re-submit the final Green Building and CALGreen checklists in step 3 above
☐ Submit a Certificate of Compliance from Home Energy Rating System (HERS) provide
☐ Other necessary supporting permit material (if applicable)

DEFINITION OF "NEW CONSTRUCTION"

Removal or substantial modification of more than 75 percent of the linear sum of a building's exterior walls for each story shall be considered demolition of the building (County of Marin Development Code Chapter 22.130.030), triggering the new construction requirements.

MARIN COUNTY GREEN BUILDING CHECKLIST

STANDARDS FOR SINGLE- AND MULTI-FAMILY, AND HOTEL/MOTEL NEW CONSTRUCTION

PRO	JECT ADDRESS:	_				
APN:	: APPLICANT NAME:_					
N	LECTRIFICATION (REQUIRED FOR ALL NEW COlote: all projects must comply with mandatory requirements of Title All Electric, which includes: • All-electric end uses • No natural gas or propane appliances • No gas meters or propane infrastructure • Compliance with energy efficiency standards required VERIFICATION: Attach Title 24 Energy Reports that compliance	e 24, Part 6 (State Energy Code) by the State				
	GREEN BUILDING AND EV READINESS Complete this Marin County Green Building Checklist ANI Standards for Residential New Construction. VERIFICATION: Checklists must be completed and signer rater, such as a CALGreen Special Inspector and attached	ed by a qualified green building				
	OW CARBON CONCRETE (Check One of the Follow Permit application includes completed Cement or Embodithat can be found on the County's Low-Carbon Concrete FVERIFICATION: Compliance forms must be signed re-suconcrete along with batch (proof) receipts.	ed Carbon limit compliance forms Requirements webpage.				
	Not applicable; the project does not include pouring new o	oncrete.				
TI	PROJECT VERIFICATION This form and all referenced forms herein have been completed by(name) of(company), the party					
ре	responsible for this building permit application for the above listed project who affirms under penalty of perjury that it accurately represents the project plans. Applicant still must complete the CALGreen Tier 1 Checklist and/or Low Carbon Concrete form, as applicable.					
Si	ignature	Date				
 N:	ame (Please Print)	_				

5. SUMMARIZING ENERGY END USE (CHECK BOXES AND INPUT VALUES): ☐ Total Conditioned Floor Area within the Project Scope _____ square feet SELECT either the Performance or Prescriptive-based Compliance Pathway below and submit appropriate documentation as requested (Check One of the Following): ☐ For projects using the Performance Based Pathway to Compliance, submit data extract in .xml format from the 2022 Energy Code Compliance Software (CBECC or EnergyPro) ☐ For projects using the Prescriptive Based Pathway to Compliance (Check One of the Following): ☐ Submit data extract in .xml format from the 2022 Energy Code Compliance Software (CBECC or EnergyPro), OR ☐ If Energy Code Compliance Software was not used, please select the following measures planned for installation in Table 1 below, within the scope of your project (check all that apply): Table 1. Measures and Appliances Installed Check Check AII AII Measures Installed **Measures Installed** That That Apply Apply Heat Pump Water Heater, High Air Sealing Efficiency, NEEA Tier 3 Hot water pipe and tank insulation, low-Cool Roof flow fixtures **Duct Sealing** Induction Cooktop Exterior Photosensor LED lamp vs CFL Heat Pump Dryer New Ducts Heat Pump HVAC R-49 Attic Insulation Heat Pump HVAC, High Efficiency, SEER 21 or Solar PV ____ kW DC greater; HSPF 11 or greater П Heat Pump Water Heater Battery (storage) ____ kWh

VERIFICATION: Compliance will be verified by 1) submitting 2022 Energy Code Compliance Software data extract (.xml) and attaching Title 24 Energy Reports that complies with State minimum energy code, OR 2) completing Table 1 above.

Other (please describe):

MARIN COUNTY CALGREEN TIER 1 CHECKLIST

STANDARDS FOR SINGLE- AND MULTI-FAMILY, AND HOTEL/MOTEL NEW CONSTRUCTION

This checklist is effective January 1, 2023, for newly constructed single one- and two-family, multifamily, hotels, motels, lodging houses, dwellings, dormitories, condominiums, shelters, congregate residences, employee housing, factory-built housing and other types of dwellings containing sleeping accommodations with or without a common toilet or cooking facilities including accessory buildings, facilities and uses thereto. Existing site and landscaping improvements that are not otherwise disturbed are not subject to CALGreen.

Submit this CALGreen Tier 1 checklist accompanied with the Marin County Green Building Checklist (see pages 2-3 above) 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, <u>Marin County Building Code, Chapter 19.04, Subchapter 2</u> which requires (with amendments) CALGreen <u>Chapters 4</u> and <u>Appendix A4</u>.

PROJECT DETAILS

Project Address	APN
Applicant Name (Please Print)	
PROJECT VERIFICATION	
The Green Building Rater, listed below, has reviewed the measures listed above are hereby incorporated into the pen accordance with the requirements set forth in the 2 namended by the County of Marin.	roject plans and will be implemented into the pro
measures listed above are hereby incorporated into the p n accordance with the requirements set forth in the 2	roject plans and will be implemented into the pro
measures listed above are hereby incorporated into the p n accordance with the requirements set forth in the 2 amended by the County of Marin.	roject plans and will be implemented into the pro 022 California Green Building Standards Code

¹ CALGreen Special Inspector, LEED AP, or Green Point Rater are acceptable certifications FOR PROJECTS SUBMITTED ON OR AFTER JANUARY 1, 2023

DIVISION 4.1 PLANNING AND DESIGN

- ✓ All measures marked as (MANDATORY) are required unless not in project scope.
- ✓ For all measures marked as (**ELECTIVE**), a minimum of TWO **ELECTIVE** measures must be selected.
- ✓ Use the Checkboxes (図) to mark as Completed, Not Applicable (N/A), or the measure selected.

		an is developed and implemented to manage stormwater runoff from the compliance with the County of Marin's Stormwater Runoff Pollution Prevention
Completed □	N/A □	Plan sheet reference (if applicable):
•	•	struction plans shall indicate how site grading or a drainage system will manage p water from entering buildings.
Completed □	N/A □	Plan sheet reference (if applicable):
A4.106.2.3 (M. or protected from	•	Displaced topsoil shall be stockpiled for reuse in a designated area and covered
Completed □	N/A □	Plan sheet reference (if applicable):
A4.106.4 (MAI walking, or pat	•	rmeable paving is utilized for not less than 20 percent of the total parking,
Completed □	N/A □	Plan sheet reference (if applicable):
emittance or a A4.106.5.1(3). In Marin County	minimum Śola ty, this measur	pofing materials shall have a minimum 3-year aged solar reflectance and thermal r Reflectance Index (SRI) equal to or greater than the values specified in Tables are does not apply to low-rise residential. This measure applies only to high-rise and motels with a roof slope >2:12.
Completed □	N/A □	Plan sheet reference (if applicable):
spaces, compl accordance wi 1. 15 perc	y with EV Char th <u>Marin Count</u> cent parking sp	Electric vehicle charging. For new multi-family dwelling units with parking rging and parking space requirements as amended from CALGreen, in by Building Code, Chapter 19.04.135, Section 4.106.4.1.1, where: aces are EV charging stations with Level 2 EV Ready (40 amperes) aces are Low Power Level 2 EV Ready space (20 amperes)
Completed □		Plan sheet reference (if applicable):

4.106.4.2.1 (MANDATORY) Electric vehicle charging. For new hotels and motels with shared parking facilities, comply with EV Charging and parking space requirements as amended from CALGreen, in accordance with *Marin County Building Code*, *Chapter 19.04.135*, *Section 4.106.4.2.1*, where:

- 1. 10 percent parking spaces are EV charging stations with Level 2 EV Ready (40 amperes)
- 2. 35 percent parking spaces are Low Power Level 2 EV Ready space (20 amperes)
- 3. 10 percent parking spaces are Level 2 EV Capable (40 amperes)

Completed □ N	N/A □	Plan sheet reference (if applicable):
installed, one D0	CFC may be	ectric vehicle charging. If direct current fast charging stations (DCFC) are being substituted for up to five (5) EVCS and if ALMS is used comply with requirements in accordance with Marin County Building Code, Chapter 19.04.135, Section
Completed □ N	I/A □	Plan sheet reference (if applicable):
with attached pri protective device	ivate garages e rated at 40	Electric vehicle charging. For one- and two-family dwellings and townhouses, install a dedicated 208/240-volt branch circuit, including an overcurrent amperes minimum per dwelling unit for future EV charging, in accordance with 3.1 Tier 1 and Tier 2.
Completed □ N	I/A □	Plan sheet reference (if applicable):
A4.103.1 Site S (check at least c ☐ Infill		ECTIVE) - A site which complies with at least one of the following characteristics
☐ Greyfi	eld	
□ EPA-r	ecognized Br	ownfield
Plan sheet refer	ence (if appli	cable):
A4.103.2 Site S distance of (che	•	ECTIVE) - Facilitate Community connectivity by locating w/in true walking e):
□ ¼ mile	of at least 4	basic services
□ ½ mile	e of at least 7	basic services
☐ Other	methods incr	easing access to additional resources
Plan sheet refer	ence (if appli	cable):
participated in a	n educational	ELECTIVE) - An individual with oversight responsibility of the project has program promoting environmentally friendly design or development and has not appropriate entities
Completed □ N	I/A □	Plan sheet reference (if applicable):

	r recycling of building mat	Materials (ELECTIVE) - Existing buildings are terial. The proposed structure utilizes at least one of the eck at least one):
☐ Light fixtures		☐ Electrical devices
☐ Plumbing fixture	es	□ Appliances
□ Doors and trim		☐ Foundations or portions of foundations
☐ Masonry		
Plan sheet reference (if a	oplicable):	
A4.106.2.1 Site Develope the findings utilized in the		analysis is performed by a license design professional and uilding
Completed □ N/A □	Plan sheet reference	(if applicable):
following (check at least of Natural drainage)	one):	disturbance and erosion are minimized by using one of the and erosion controls are implemented to minimize erosion
J		ng the amount of cut and fill needed to install access roads
<u> </u>		coordinated to utilize the same trench, minimize the amount the soil is replaced using accepted compaction methods.
Plan sheet reference (if a	oplicable):	
A4.106.3 Site Developmenthe following (check at least		onstruction landscape designs accomplish one or more of
☐ Areas disrupted patterns	d during construction are	restored to be consistent with native vegetation species and
☐ Utilize 75 perce climate zone re		drought tolerant plant and tree species appropriate for the
Plan sheet reference (if a	oplicable):	
		a vegetated roof for at least 50 percent of roof area and d landscaped roofs in California Building Code, Chapter
Completed □ N/A □	Plan sheet reference	(if applicable):

•	areas by using one or more of the methods listed.
Completed □ N/A □	Plan sheet reference (if applicable):
	ent (ELECTIVE) – Provide bicycle parking facilities as noted below or meet a local A4.106.9.1, A4.106.9.2, or A4.106.9.3
Completed □ N/A □	Plan sheet reference (if applicable):
A4.306.1 Innovative Cor	ncepts and Local Environmental Conditions (ELECTIVE)
Completed □ N/A □	Plan sheet reference (if applicable):
DIVISION 4.2 ENER	RGY EFFICIENCY
	ked as (MANDATORY) are required unless not in project scope. kes (⊠) to mark as Completed, Not Applicable (N/A), or the measure selected.
4.201.1 (MANDATORY) I Efficiency Standards.	Building meets or exceeds the requirements of the California Building Energy
Completed □ N/A □	Plan sheet reference (if applicable):
DIVISION 4.3 WATI	ER EFFICIENCY AND CONSERVATION
✓ For all measures i	ked as (MANDATORY) are required unless not in project scope. marked as (ELECTIVE), a minimum of TWO ELECTIVE measures must be selected. kes (⊠) to mark as Completed, Not Applicable (N/A), or the measure selected.
	te (MANDATORY) Plumbing fixtures (water closets and urinals) and fittings (faucets ed in residential buildings shall comply with the prescriptive requirements of Sections .4.5.
Completed □ N/A □	Plan sheet reference (if applicable):
4.303.1.4.3 Indoor Water more than 0.2 gallons per	r Use (MANDATORY) – Metering faucets in residential buildings shall not deliver cycle.
Completed □ N/A □	Plan sheet reference (if applicable):
mixed-use residential/co	e (MANDATORY) – Submeters for multifamily building and dwelling units in commercial buildings. Submeters shall be installed to measure water usage of units in accordance with the California Plumbing Code.
Completed □ N/A □	Plan sheet reference (if applicable):

	with the California Plumbing Code and shall meet the applicable referenced
Completed □ N/A □	Plan sheet reference (if applicable):
efficient landscape ordina	Ise (MANDATORY) – Residential developments shall comply with local water nce or the current California Department of Water Resources Model Water Efficient WELO), whichever is more stringent.
Completed □ N/A □	Plan sheet reference (if applicable):
disinfected tertiary recycle	stems (MANDATORY) – Newly constructed residential developments, where ed water is available from a municipal source to a construction site, may be required pply systems installed, allowing the use of recycled water for residential landscape
Completed □ N/A □	Plan sheet reference (if applicable):
gallons per minute at 60 p not to exceed 2.2 gallons	se (ELECTIVE) – The maximum flow rate of kitchen faucets shall not exceed 1.5 si. Kitchen faucets may temporarily increase the flow above the maximum rate, but per minute at 60 psi, and must default to a maximum flow rate of 1.5 gallons per here complying faucets are unavailable, aerators or other means may be used to
Completed □ N/A □	Plan sheet reference (if applicable):
nonpotable water sources	se (ELECTIVE) – Alternate water sources for nonpotable applications. Alternate are used for indoor potable water reduction. Alternate nonpotable water sources dance with the California Plumbing Code.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.303.3 Indoor Water U	se (ELECTIVE) – Install at least one qualified ENERGY STAR dishwasher or
Completed □ N/A □	Plan sheet reference (if applicable):
A4.303.4 Indoor Water U	se (ELECTIVE) – Nonwater urinals and waterless toilets are installed.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.303.5 Indoor Water U hot water recirculation sys	se (ELECTIVE) – One- and two-family dwellings shall be equipped with a demand stem.
Completed □ N/A □	Plan sheet reference (if applicable):

A4.304.1 Outdoor Water	Use (ELECTIVE) – A rainwater capture system is designed and installed.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.304.2 Outdoor Water potable water.	Use (ELECTIVE) – A landscape design is installed that eliminates the use of
Completed □ N/A □	Plan sheet reference (if applicable):
	Use (ELECTIVE) – For new water service connections, landscaped irrigated areas et shall be provided with separate submeters or metering devices for outdoor potable
Completed □ N/A □	Plan sheet reference (if applicable):
	ystems (ELECTIVE) – Piping is installed to permit future use of a graywater y the clothes washer or other fitxtures.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.305.2 Water Reuse S	ystems (ELECTIVE) – Recycled water piping is installed.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.305.3 Water Reuse S	ystems (ELECTIVE) – Recycled water is used for landscape irrigation.
Completed □ N/A □	Plan sheet reference (if applicable):
	cepts and Local Environmental Conditions (ELECTIVE) – Items that address cal environmental conditions.
Completed □ N/A □	Plan sheet reference (if applicable):

DIVISION 4.4 MATERIAL CONSERVATION & RESOURCE EFFICIENCY

- ✓ All measures marked as (MANDATORY) are required unless not in project scope.
- ✓ For all measures marked as (**ELECTIVE**), a minimum of TWO **ELECTIVE** measures must be selected.
- ✓ Use the Checkboxes (図) to mark as Completed, Not Applicable (N/A), or the measure selected.

accordance with <u>Marin Cour</u>	ems (MANDATORY) – Cement use in foundation mix design is reduced in ty Building Code, Chapter 19.07 – Carbon Concrete Requirements. Select one
Pathway and submit the app	ropriate compliance forms during Plan Review AND for Final Inspection:
□ Cement Limit Path	nway
☐ For Plan R	eview: Design Team (Structural Engineer/Architect) Low Carbon Concrete Cement Compliance Form
☐ For Final In	nspection: Contractor Low Carbon Concrete Cement Compliance Form accompanied by batch receipts from ready-mix supplier
☐ Embodied Carbon	Pathway
☐ For Plan R	eview: Design Team (Structural Engineer/Architect) Low Carbon Concrete EC Compliance Form
☐ For Final Ir	nspection: Contractor Low Carbon Concrete EC Compliance Form accompanied by batch receipts from ready-mix supplier
Plan sheet reference (if appl	licable):
materials are used on the pro	(MANDATORY) – Postconsumer or preconsumer recycled content value (RCV) oject, not less than a 10 percent recycled content value. Plan sheet reference (if applicable):
electric cables, conduits, or or conduits, or condents by closing such oper enforcing agency.	ty and Reduced Maintenance (MANDATORY) – Annular spaces around pipes, other openings in plates at exterior walls shall be protected against the passage of nings with cement mortar, concrete masonry or similar method acceptable to the
Completed □ N/A □	Plan sheet reference (if applicable):
salvage for reuse a minimun accordance with the reportin	e Reduction, Disposal and Recycling (MANDATORY) – Recycle and/or of 65 percent of the nonhazardous construction and demolition waste in g standards outlined by Zero Waste Marin. Plan sheet reference (if applicable):
generated at the site is diver mixed recyclables that are so	ste Reduction, Disposal and Recycling (MANDATORY) – Construction waste ted to recycle or salvage in compliance with at least a 65 percent reduction. Any ent to mixed-waste recycling facilities shall include a qualified third party verified e. Verification of diversion rates shall meet minimum certification eligibility e local enforcing agency.
Completed □ N/A □	Plan sheet reference (if applicable):

	nance and Operation (MANDATORY) – An operation and maintenance manual uilding occupant or owner.
Completed □ N/A □	Plan sheet reference (if applicable):
are constructed on a build identified for the deposition	nance and Operation (MANDATORY) – Where 5 or more multifamily dwelling united ding site, provide readily accessible areas that serve all buildings on the site and is ang, storage and collection of non-hazardous materials for recycling, including (at a steed cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted if more restrictive.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.403.1 Foundation Sy constructed.	stems (ELECTIVE) - Frost protected foundation systems is designed and
Completed □ N/A □	Plan sheet reference (if applicable):
A4.404.1 Efficient Frami size to adequately support	ing Techniques (ELECTIVE) – Beams and headers and trimmers are the minimum rt the load.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.404.2 Efficient Frami waste.	ing Techniques (ELECTIVE) – Dimensions and layouts are designed to minimize
Completed □ N/A □	Plan sheet reference (if applicable):
A4.404.3 Efficient Frami solid sawn lumber whene	ng Techniques (ELECTIVE) – Use premanufactured building systems to eliminate ver possible.
Completed □ N/A □	Plan sheet reference (if applicable):
	ng Techniques (ELECTIVE) – Material lists are included in the plans which specify vide direction for on-site cuts.
Completed □ N/A □	Plan sheet reference (if applicable):
	es (ELECTIVE) – One or more of the following materials, that do not require nishing are used (check at least one):
☐ Exterior trim no	ot requiring paint or stain
□ Windows not re	equiring paint or stain
☐ Siding or exteri	or wall coverings which do not require paint or stain
Plan sheet reference (if a	pplicable):

	ces (ELECTIVE) – Floors that do not require additional coverings are usend including , natural or stamped concrete floors
Completed □ N/A □	Plan sheet reference (if applicable):
A4.405.4 Material Sour	ces (ELECTIVE) – Renewable source building products are used.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.407.1 Water Resista drains.	nce and Moisture Management (ELECTIVE) – Install foundation and landscape
Completed □ N/A □	Plan sheet reference (if applicable):
systems to route water a	Ince and Moisture Management (ELECTIVE) – Install gutter and downspout I least 5 feet away from the foundation or connect to landscape drains which sump, bioswale, rainwater capture system or other approved on-site location.
Completed □ N/A □	Plan sheet reference (if applicable):
	Ince and Moisture Management (ELECTIVE) – Provide flashing details on the ly with accepted industry standards or manufacturer's instructions.
Completed □ N/A □	Plan sheet reference (if applicable):
	nce and Moisture Management (ELECTIVE) – Protect building materials delivered om rain and other sources of moisture.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.407.6 Water Resista protected to prevent water	nce and Moisture Management (ELECTIVE) – Exterior doors to the dwelling are er intrusion.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.407.7 Water Resista least 2 feet in depth is pr	nce and Moisture Management (ELECTIVE) – A permanent overhang or awning a ovided.
Completed □ N/A □	Plan sheet reference (if applicable):
A4.411.1 Innovative Co	ncepts and Local Environmental Conditions (ELECTIVE)
Completed □ N/A □	Plan sheet reference (if applicable):

DIVISION 4.5 ENVIRONMENTAL QUALITY

- ✓ All measures marked as (MANDATORY) are required unless not in project scope.
- ✓ For all measures marked as (**ELECTIVE**), a minimum of ONE **ELECTIVE** measures must be selected.
- ✓ Use the Checkboxes (図) to mark as Completed, Not Applicable (N/A), or the measure selected.

type. Any installed woodstov Standards (NSPS) emission to meet the emission limits.	ATORY) – Any installed gas fireplace shall be a direct-vent sealed-combustion we or pellet stove shall comply with the U.S. EPA New Source Performance in limits as applicable, and shall have a permanent label indicating they are certified Woodstoves, pellet stoves and fireplaces shall also comply with applicable local with Marin County Building Code, Chapter 19.08
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.1 Pollutant Control (openings shall be covered o	MANDATORY) – Duct openings and other related air distribution component during construction.
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.2.1 Pollutant Contro and other toxic compound li	I (MANDATORY) – Adhesives, sealants and caulks shall be compliant with VOC mits.
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.2.2 Pollutant Contro limits.	I (MANDATORY) – Paints, stains and other coatings shall be compliant with VOC
Completed □ N/A □	Plan sheet reference (if applicable):
	I (MANDATORY) – Aerosol paints and coatings shall be compliant with product C and other toxic compounds.
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.2.4 Pollutant Contro limit finish materials have be	I (MANDATORY) – Documentation shall be provided to verify that compliant VOC een used.
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.3 Pollutant Control (MANDATORY) – Carpet and carpet systems shall be compliant with VOC limits.
Completed □ N/A □	Plan sheet reference (if applicable):
4.504.4 Pollutant Control (with specified VOC criteria.	MANDATORY) – 80 percent of floor area receiving resilient flooring shall comply
Completed □ N/A □	Plan sheet reference (if annlicable):

	ol (MANDATORY) – Particleboard, medium density fiberboard (MDF), and hardwood inish systems shall comply with low formaldehyde emission standards.
Completed □ N/A □	Plan sheet reference (if applicable):
	rol (MANDATORY) – Install VOC compliant resilient flooring systems. Ninety (90) iving resilient flooring shall comply with the VOC-emission limits established in
Completed □ N/A □	Plan sheet reference (if applicable):
A4.504.3 Pollutant Cont compliance with VOC limits	rol (MANDATORY) – Thermal insulation installed in the building shall be in its.
Completed □ N/A □	Plan sheet reference (if applicable):
4.505.2 Interior Moisture grade foundations.	• Control (MANDATORY) – Vapor retarder and capillary break is installed at slab or
Completed □ N/A □	Plan sheet reference (if applicable):
4.505.3 Interior Moisture floor framing is checked b	e Control (MANDATORY) – Moisture content of building materials used in wall and before enclosure.
Completed □ N/A □	Plan sheet reference (if applicable):
following: 1. ENERGY STAR fa 2. Fans must be con a whole-house ve 3. Humidity controls relative humidity ra	with manual or automatic means of adjustment, capable of adjustment between a ange of ≤ 50 percent to a maximum of 80 percent.
4.507.2 Environmental C selected using the following the following the following state of the following selected using selec	Plan sheet reference (if applicable): Comfort (MANDATORY) – Duct systems are sized, designed, and equipment is ng methods: s and heat gain values according to ANSI/ACCA 2 Manual J-2016 or equivalent. s according to ANSI/ACCA 1 Manual D – 2016 or equivalent. d cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent.
Completed □ N/A □	Plan sheet reference (if applicable):

	no-added formaldehyde (NAF) resins or ultra-low emitting formaldehyde (ULEF)
Completed □ N/A □	Plan sheet reference (if applicable):
	y and Exhaust (ELECTIVE) – Provide filters on return air openings rated MERV 8 when it is necessary to use HVAC equipment
Completed □ N/A □	Plan sheet reference (if applicable):
	y and Exhaust (ELECTIVE) – Direct-vent appliances shall be used when ditioned space; or the equipment must be installed in an isolated mechanical room
Completed □ N/A □	Plan sheet reference (if applicable):
A5.509.1 Innovative Conce	epts and Local Environmental Conditions (ELECTIVE)
Completed □ N/A □	Plan sheet reference (if applicable):