

# NOTICE OF PENDING ACTION

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member of the public may submit comments on the proposal prior to the deadline decision about the project will soon be made by Planning Department staff. Any Planning Department website (https://cdi.santacruzcountyca.gov under Pending listed on the reverse side of this notice. The project plans may be viewed on the An application for the project described on this notice has been filed and a Public Notice Projects). The webpage may also be used to track the project decision date, which initiates an appeal period.

date and paying an appeal fee. Please be aware that, while an anticipated decision Any aggrieved person, or the applicant, may appeal the ultimate decision on this project by submitting a written request within 14 calendar days of the decision initiating the appeal period will be posted on the web address described above. Information regarding the appeal process or fees may be obtained by phoning date has been identified for purposes of this notice, the actual decision date (831) 454-2130

«APN»

«OWNER» «STREET» «CITY», «ZIP» COUNTY OF SANTA CRUZ PLANNING DEPARTMENT 701 Ocean Street, 4<sup>th</sup> Floor Santa Cruz, CA 95060 (831) 454-2580

## NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

## APPLICATON NUMBER: 241223 APN: 101-022-14 SITUS: 1875 Granite Creek Road, Santa Cruz, CA 95065

Proposal to recognize an existing two-story, 1,510 square foot nonhabitable accessory structure with 870 square feet of covered porch area. Requires an Administrative Site Development Permit and a Soils Report Review to recognize the construction of a non-habitable accessory structure greater than 1000 square feet.

Property is located at 1875 Granite Creek Road in Santa Cruz.

OWNER: Clement Shields APPLICANT: Clement Shields SUPERVISORIAL DISTRICT: 1 PLANNER: John Hunter, (831) 454-3170 EMAIL: John.Hunter@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. August 23, 2024 A decision will be made on or shortly after August 26, 2024.

Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

## **ABBREVIATION**

AR	ANCHOR BOLT	DIM	DIMENSISION	KIT	KITCHEN	RFG	ROOFING
ABRSV	ABRASIVE	DISP	DISPOSAL. DISPENSER	KD	KNOCK DOWN	RI	RAIN I FADER
A/C	AIR CONDITIONING	DL	DEAD LOAD	KO	KNOCK OUT	RM	ROOM
ACC	ACCESS	DMT	DEMOUNTABLE	KPL	KICK PLATE	RO	ROUGH OPENIN
ACOUS	ACOUSTICAL, ACOUSTIC	DN	DOWN			RWD	REDWOOD
ADDN	ADDITION	DP	DAMP PROOFING	L	ANGLE	RX	REMOVE EXISTI
		DR		LAB		0	
ADJ	ABOVE FINISH FLOOR		DOWNSPOOT			S	SOUTH
AGGR	AGGREGATE	DW	DISHWASHER	LAV	LAVATORY	SC	
ALT	ALTERNATE	DWG	DRAWING	LC	LAUNDRY CHUTE	SCH	SCHEDULE
ALTN	ALTERATION	DWR	DRAWER	LIN	LINEN	S CLO	SELF CLOSING
ALUM	ALUMINUM			LG	LONG	SECT	SECTION
ANCH	ANCHOR	(E)	EXISTING	LKR	LOCKER	SERV	SERVICE
AP		E	EAST	LP		SF	SQUARE FOOT (
		EA	ΕΑΟΠ ΕΥΗΔΙΙΩΤ ΕΔΝ	LI	LIGHTR	SH	SHELF
APPROX	APPROXIMATE	E.I	EXPANSION JOINT	MAT	MATERIAI	SHR	SHOWER
ARCH	ARCHITECT, ARCHITECTURAL	EL	ELEVATION	MAX	MAXIMUM	SIM	SIMILAR
ASPH	ASPHALT	ELEC	ELECTRIC, ELECTRICAL	MB	MACHINE BOLT	SL	SLIDER, SLIDING
ASSY	ASSEMBLE	ELEV	ELEVATION (ILLUSTRATION)	MC	MEDICINE CABINET	SPEC	SPECIFICATION
ATT	ATTACH (MENT)	ENCL	ENCLOSURE	MDF	MODIFY, MODIFIED	SQ	SQUARE
AUTO		ENI		ME	MATCH EXISTING	SS	STAINLESS STE
AUX		EP EO	ELECTRIC PANEL	MECH		SIA	STATION
AVO	AVENAGE	FQUIP	EQUIPMENT	MET	METAI	STD	STANDARD
BC	BRICK COURSE	EW	EACHWAY	MFG	MANUFACTURE (R)	STOR	STORAGE
BD	BOARD	EXH	EXHAUST	MID	MIDDLE	STRUCT	STRUCTURAL
BETW	BETWEEN	EXIST	EXISTING	MIN	MINIMUM	SUSP	SUSPENDED
BF	BARRIER FREE	EXP	EXPOSED	MISC	MISCELLANEOUS	SVF	SHEET VINYL FL
BITUM	BITUMINOUS	EXT	EXTERIOR	MLD	MOULDING	SYM	SYMMETRICAL
BJ	BED JOIN I	EXIR	EXTRUDED	MOD		-	
BNI		FΔ					
BLDG	BUILDING	FAU	FORCED AIR UNIT	MTI	METAI	TEMP	
BLK	BLOCK	FAB	FABRICATE	MUL	MULLION	TER	TERRAZZO
BLK C	BLOCK COURSE	FD	FLOOR DRAIN	MW	MILLWORK	THR	THRESHOLD
BLT	BUILT	FDN	FOUNDATION			THK	THICK (NESS)
BM	BEAM	FE	FIRE EXTINGUISHER	(N)	NEW	TOC	TOP OF CURB
BOT	BOTTOM	FEC	FIRE EXTINGUISHER CAB	N	NORTH	TOS	TOP OF STEEL
BUR	BUILT UP ROOFING			NAI		TO SL	TOP OF SLAB
C	COURSE	FI	FLOOR LINE	NO	NUMBER	TDANS	
CAS	CASEMENT	FLASH	FLASHING	NOM	NOMIDEL	TV	
CAB	CABINET	FLR	FLOOR	NTS	NOT TO SCALE	TYP	TYPICAL
CANTIL	CANTILEVER	FLUOR	FLUORESCENT				
CAR	CARPET	FOC	FACE OF CONCRETE	O/	OVER	UNFIN	UNFINISHED
CEM	CEMENT	FOF	FACE OF FINISH	OA	OVERALL	UNO	UNLESS NOTED
CER		FAM		OBSC	OBSCURE	UTIL	UTILITY
CHAN		FUS FP					
CJ	CONTROL JOINT	F/P	FIREPLACE	OFF	OFFICE	VCT	
CG	CORNER GUARD	FR	FRENCH	OGL	OBSCURE GLASS	VERT	VERTICAL
CL	CENTER LINE	FT	FOOT, FEET	OH	OVERHEAD, OVERHANG	VEST	VESTIBULE
CLG	CEILING	FTG	FOOTING	OPG	OPENING	VWC	WINYL WALL CO
CLKG	CAULKING	FUR	FURRED, FURRING	OPP	OPPOSITE		
CLO	CLOSET	FUT	FUTURE	OV	OVEN	W	WEST
	CLEAR, CLEARANCE	GA	GALVANIZSED	PC	PRECAST CONCRETE	W	WASHER
CNTR	COUNTER	GAI	GALLON	PE	PORCELAIN ENAMEL		
CO	CASED OPENING	GB	GYPSUM BOARD	PKT	POCKET DOOR	WC	WALL COVERING
COL	COLUMN	GB	GRAB BAR	PL	PROPERTY LINE	WD	WOOD (SOFTWO
COMB	COMBINATION	GD	GARBAGE DISPOSAL	PLAS	PLASTER	WH	WATER HEATER
COMP	COMPOSITION	GI	GALVANIZED IRON	PLAS	PLASTIC	WH	WEEP HOLE
CONC	CONCRETE	GL	GLASS, GLAZING	PLLA	PLASTIC LAMINATE	WI	WROUGHT IRON
CONN		GLB				W/O	WITHOUT
CONT	CONTINUOUS	GEB	GRADE	POL	PANEI	VVP	WATER DESIST
CONTR	CONTROL	GRD	GROUND	PR	PAIR	WSCT	WAINSCOT
COOK	COOKTOP	GYP	GYPSUM	PREFAB	PREFABRICATED	WCCI	WEIGHT
CORR	CORRIDOR			PREFIN	PREFINISHED	WWF	WELDED WIRE F
CORRU	CORRUCATED	HC	HOLLOW CORE	PRE-ENGR	PRE ENGINEERED		
CRC	COLD ROLLED CHANNEL	HB	HOSE BIBB	PROT	PROTECT (ION)	Х	EXISTING (WHE
CSK		HDWD	HARDWOOD	PSI	POUNDS PER SQUARE INCH		A PREFIX - (XC
CTC				PGF	POUNDS PER SQUARE FOUT	7	
CTR	CENTER	HR	HOUR	PT	PAINT (FD)	Z	ZEE (DAR)
CUST	CUSTODIAN	HT	HEIGHT	PT	POINT		
CW	CASEWORK	HVAC	HEATING, VENTILATION &	PTN	PARTITION		
d	PENNY (NAIL SIZE)	HW	COOLING HARDWARE	QT	QUARRY TILE		
D	DRYER	15		QTY	QUANTITY		
DA		ID	INSIDE DIAMETER (OR DIMENSION)	P			
	DEMOLISH DEMOLITION			K DAD			
DEPT	DEPARTMENT	INSUI	INSULATE, INSULATION	RD	ROOF DRAIN		
DET	DETAIL	INST	INSTALL (ED)	REF	REFRIGERATOR		
DF	DOUBLAS FIR	INT	INTERIOR, INTERNAL	REF	REFERENCE		
DG	DUEL-GLAZED			REINF	REINFORCE		
DH	DOUBLE HUNG	JAN	JANITOR	REQD	REQUIRED		
DIA	DIAMETER	JST	JOIST	RESIL	RESILIENT		
DIAG	DIAGUNAL	JI	JOINT	REV	REVISE, REVISION		

# **GENERAL NOTES**

1.	CODES AND REGULATIONS	ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES, AS WELL AS ALL APPLICABLE STATE CODES & LOCAL CITY ORDINANCES, 2022 CALIFORNIA BUILDING CODE (C.B.C.) 2022 CALIFORNIA RESIDENTIAL CODE (C.B.C.)	5.	DISCREPANCIES	MINOR DISCREPANCIES BETWEEN ACTUAL CONDITIONS ARE TO BE EX REQUIRING CLARIFICATION SHALL ATTENTION OF THE ARCHITECT IMM
		2022 CALIFORNIA ELECTRICAL CODE (C.E.C.) 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.) 2022 CALIFORNIA PLUMBING CODE (C.P.C.) 2022 CALIFORNIA MECHANICAL CODE (C.M.C.) 2022 CALIFORNIA FIRE CODE (C.F.C.) 2022 CALIFORNIA ENERGY CODE (C.E.C.) 2022 CALIFORNIA GREEN CODE (C.G.C.) NOTHING ON THE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES & REGULATIONS.	6.	MANUFACTURER'S SPECIFICATIONS	CONTRACTOR AND ALL SUBCONTR APPLY, AND PROTECT ALL PRODUC PROCESSES, METHODS, COATINGS HARDWARE, SOFTWARE, ETC. IN S THE MANUFACTURER'S SPECIFICATION INSTRUCTIONS, TYPICAL. ALL MAN PROVIDED BY THESE MANUFACTUR OPERATION AND MAINTENANCE OF THE ABOVE ARE
2.	SITE VERIFICATION	GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL			OWNER AT THE COMPLETION AND PROJECT
		EXAMINE THOROUGHLY THE SITE AND SATISFY THEMSELVES AS TO THE CONDITIONS TO WHICH THE WORK IS TO BE	7.	WINDOWS AND DOORS	CONTRACTOR SHALL VERIFY THE C
		PERFORMED. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AFFECTING HIS WORK, AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE SAME. NO			OPENINGS AND TYPES OF DOORS A SCHEDULES IN RELATION TO FRAM ORDERING. ANY DISCREPANCIES S
		FROM HIS NEGLIGENCE TO EXAMINE OR FAILURE TO	8.	CALGREEN	
3.	MEASUREMENTS	DISCOVER CONDITIONS AFFECTING HIS WORK.		STANDARDS	ALL ADHESIVES, SEALANTS, CAULK AEROSOL PAINT CONTAINERS MUS
		THE DRAWINGS BY TAKING FIELD MEASUREMENTS; FOR			FIELD VERIFICATION BT THE BUILD
		PROPER FIT AND ATTACHMENT OF ALL PARTS IS REQUIRED. SHOULD THERE BE ANY DISCREPANCIES, IMMEDIATELY REPORT TO THE ARCHITECT IN WRITING PRIOR TO			PRIOR TO FINAL INSPECTION, A LET GENERAL CONTRACTOR OR THE O OWNER/BUILDER) PROJECTS MUST
		COMMENCEMENT OF ANY RELATED WORK. IN THE EVENT OF THE CONTRACTOR'S FAILURE TO DO SO, THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE			OF SAN JOSE BUILDING OFFICIAL C ADHESIVES, SEALANTS, CAULKS, P PAINTS, AEROSOL COATINGS, CARF
1	DIMENSIONS	CORRECTION OR ADJUSTMENT OF ANY SUCH RELATED WORK OR ERRORS.			CARPETING, CUSHION AND ADHESI SYSTEMS, AND COMPOSITE WOOD
4.		DO NOT SCALE THESE DRAWINGS. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS.			CGBSC



# 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE RESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2024 Supplement)

Y N/A RESPON PARTY	CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL	Y	N/A	RESPON. PARTY	<b>4.106.4.2 New multifamily dwelling</b> When parking is provided, parking sprequirements of Section 4.106.4.2.2.
	<b>301.1 SCOPE.</b> Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7				least one standard automobile parking space requirements established by a <b>4.106.4.2.1 Reserved.</b>
	<b>301.1.1 Additions and alterations. [HCD]</b> The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the				4.106.4.2.2 Multifamily dwell
	building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.				a. Hotels and m with low power L
	facilities or the addition of new parking facilities serving existing multifamily buildings. See Section 4.106.4.3 for application.				<b>b. Multifamily p</b> equipped with lo
	<b>Note:</b> Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing lighting fixtures are not considered alterations for the purpose of this section.				this section shall assigned parking parking spaces p
	<b>Note:</b> On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.				Exception automated <i>Code</i> ; or p c. Receptacle p
	<b>301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD]</b> The provisions of individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and high-rise buildings, no banner will be used.				determined as in enforcing agency <b>Exceptior</b> automated <i>Code</i> ; or p
	SECTION 302 MIXED OCCUPANCY BUILDINGS				<b>d. Receptacle c</b> the following con
	<b>302.1 MIXED OCCUPANCY BUILDINGS.</b> In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy. Exceptions: 1. [HCD] Accessory structures and accessory occupancies serving residential buildings shall				1. For 20-a 2. For 30-a 3. For 50-a <b>2. EV ready parking s</b>
	comply with Chapter 4 and Appendix A4, as applicable. 2. [HCD] For purposes of <i>CAL</i> Green, live/work units, complying with Section 419 of the <i>California Building Code</i> , shall not be considered mixed occupancies. Live/Work units shall comply with Chapter 4 and Appendix A4, as applicable.				a. Hotels and m with Level 2 EV with J1772 conn
	ABBREVIATION DEFINITIONS:         HCD       Department of Housing and Community Development         BSC       California Building Standards Commission         DSA-SS       Division of the State Architect, Structural Safety         OSHPD       Office of Statewide Health Planning and Development         LR       Low Rise				<b>b. Multifamily p</b> a equipped with Le equipped with J1 EV chargers sha for use by all res Where low powe
	HR High Rise AA Additions and Alterations N New CHAPTER 4				the minimum req the maximum req and any on-site of simultaneously to have a minimum less than 30 amp
	SECTION 4.102 DEFINITIONS				4.106.4.2.2.1 Electric vehicle Electric vehicle charging static comply with Section 4.106.4.2
	<ul> <li>4.102.1 DEFINITIONS         The following terms are defined in Chapter 2 (and are included here for reference)     </li> <li>FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar parviews material used to callect or chapter drainage or runoff water.     </li> </ul>				Exception: Electric vehicle cl shall not be required to comp requirements.
	<b>WATTLES.</b> Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also				and location. EVCS spaces shall be design
	<ul> <li>used for perimeter and inlet controls.</li> <li>4.106 SITE DEVELOPMENT</li> <li>4.106.1 GENERAL. Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, management of storm water drainage and erosion controls shall comply with this section.</li> </ul>				<ol> <li>The minimum length of</li> <li>The minimum width of</li> <li>One in every 25 EVCS aisle. A 5-foot (1524 minimum EVCS space is 12 feet</li> </ol>
	<b>4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION.</b> Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.				unit vertical in 48 units comply with at least one a. The EVCS space sh of the <i>California Buildir</i> space.
	<ol> <li>Retention basins of sufficient size shall be utilized to retain storm water on the site.</li> <li>Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the enforcing agency.</li> </ol>				b. The EVCS space sh Chapter 2, to the buildi <b>Exception:</b> Electric vel <i>Building Code</i> , Chapter
	<ol> <li>Compliance with a lawfully enacted storm water management ordinance.</li> <li>Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil.</li> <li>(Website: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html)</li> </ol>				4.106.4.2.2.1.2 Accessible e In addition to the requirement accessibility provisions for EV EVCS in multifamily developn 4.106.4.2.3 Reserved.
	<ul> <li>4.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:</li> </ul>				4.106.4.2.4 Reserved. 4.106.4.2.5 Electric vehicle relectric vehicle ready spaces
	<ol> <li>Swales</li> <li>Water collection and disposal systems</li> <li>French drains</li> <li>Water retention gardens</li> <li>Other water measures which keep surface water away from buildings and aid in groundwater recharge.</li> </ol>				4.106.4.3 Electric vehicle chargin multi-family buildings. Where new parking facilities are
	<ul> <li>Exception: Additions and alterations not altering the drainage path.</li> <li>4.106.4 Electric vehicle (EV) charging for new construction. New construction shall comply with Section 4.106.4.1 or 4.106.4.2. Electric vehicle supply equipment (EVSE) shall comply with the <i>California Electrical Code</i>.</li> </ul>				altered and the work requires a b altered shall be EV capable space or subpanel circuit directory shal future EV charging purposes as
	<ul> <li>Exceptions:         <ol> <li>On a case-by-case basis, where the local enforcing agency has determined EV charging and infrastructure are not feasible based upon one or more of the following conditions:                 1.1 Where there is no local utility power supply or the local utility is unable to supply adequate power.</li> </ol> </li> </ul>				1.Construction documents are EV charging. 2 There is no requirement for
	<ul> <li>1.2 Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 4.106.4, may adversely impact the construction cost of the project.</li> <li>2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional parking facilities.</li> </ul>				
	<b>4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages.</b> For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.				
	Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the <i>California Electrical Code</i> .				
	<b>4.100.4.1.1 Identification.</b> The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".				

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	Y N	A RESPON. PARTY			
gs, hotels and motels and new residential parking facilities. paces for new multifamily dwellings, hotels and motels shall meet the Calculations for spaces shall be rounded up to the nearest whole number. A			DIVISION 4.2 ENERGY EFFICIE	NCY	
nicle supply equipment or designed as an EV charging space shall count as at ng space only for the purpose of complying with any applicable minimum parking			<b>4.201.1 SCOPE.</b> For the purposes of mandatory energy efforts commission will continue to adopt mandatory standard	fficiency standards in this code, the California Energy ds.	
a local jurisdiction. See Vehicle Code Section 22511.2 for further details.			DIVISION 4.3 WATER EFFICIEN	ICY AND CONSERVATION	
lings, hotels and motels		_	4.303 INDOOR WATER USE 4.303.1 WATER CONSERVING PLUMBING FIXTURES AI	ND FITTINGS. Plumbing fixtures (water closets and	
paces with receptacles.			urinals) and fittings (faucets and showerheads) shall and 4.303.4.4.	comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3,	
evel 2 EV charging receptacles.			Note: All noncompliant plumbing fixtures in any residue plumbing fixtures. Plumbing fixture replacement completion, certificate of occupancy, or final points of the plumbing fixture replacement of the plumbing fixture replacement.	ential real property shall be replaced with water-conserving to is required prior to issuance of a certificate of final service approach by the local building department. See Civil	
<b>arking facilities.</b> Forty (40) percent of the total number of parking spaces shall be w power Level 2 EV charging receptacles. EV charging receptacles required by be located in at least one assigned parking space per dwelling unit where			Code Section 1101.1, et seq., for the definition buildings affected and other important enactme	of a noncompliant plumbing fixture, types of residential ent dates.	
g is provided but need not exceed forty (40) percent of the total number of assigned provided on the site.			<b>4.303.1.1 Water Closets.</b> The effective flush volume flush. Tank-type water closets shall be certified to the	e of all water closets shall not exceed 1.28 gallons per e performance criteria of the U.S. EPA WaterSense	
n: Areas of parking facilities served by parking lifts, including but not limited to d mechanical-access open parking garages as defined in the <i>California Building</i>			Specification for Tank-type Toilets.	toilets is defined as the composite, average flush volume	
oarking facilities otherwise incapable of supporting electric vehicle charging. ower source. EV charging receptacles in multifamily parking facilities shall be			of two reduced flushes and one full flush.		
dedicated branch circuit connected to the dwelling unit's electrical panel, unless feasible by the project builder or designer and subject to concurrence of the local v.			The effective flush volume of all other urinals shall no	t exceed 0.5 gallons per flush.	
<b>1:</b> Areas of parking facilities served by parking lifts, including but not limited to t mechanical-access open parking garages as defined in the <i>California Building</i>			4.303.1.3 Showerheads. 4.303.1.3.1 Single Showerhead. Showerhea	ids shall have a maximum flow rate of not more than 1.8	
barking facilities otherwise incapable of supporting electric vehicle charging.			gallons per minute at 80 psi. Showerheads sh WaterSense Specification for Showerheads.	all be certified to the performance criteria of the U.S. EPA	
onfigurations. 208/240V EV charging receptacies shall comply with one of figurations:			<b>4.303.1.3.2 Multiple showerheads serving o</b> showerhead, the combined flow rate of all the s	<b>ne shower</b> . When a shower is served by more than one showerheads and/or other shower outlets controlled by	
ampere receptacles, NEMA 6-20R ampere receptacles, NEMA 14-30R ampere receptacles, NEMA 14-50R			allow one shower outlet to be in operation at a	time.	
paces with EV chargers.			Note: A hand-held shower shall be cons 4.303.1.4 Faucets.	sidered a showerhead.	
otels. Ten (10) percent of the total number of parking spaces shall be equipped chargers. At least fifty (50) percent of the required EV chargers shall be equipped			<b>4.303.1.4.1 Residential Lavatory Faucets.</b> T not exceed 1.2 gallons per minute at 60 psi. T	The maximum flow rate of residential lavatory faucets shall he minimum flow rate of residential lavatory faucets shall	
arking facilities. Ten (10) percent of the total number of parking spaces shall be			not be less than 0.8 gallons per minute at 20 p	si.	
evel 2 EV chargers. At least fifty (50) percent of the required EV chargers shall be 1772 connectors. Where common use parking or unassigned parking is provided, Il be located in common use or unassigned parking areas and shall be available			faucets installed in common and public use are buildings shall not exceed 0.5 gallons per minu	eas (outside of dwellings or sleeping units) in residential ite at 60 psi.	
idents or guests.			<b>4.303.1.4.3 Metering Faucets.</b> Metering fauc more than 0.2 gallons per cycle.	ets when installed in residential buildings shall not deliver	
uired, an automatic load management system (ALMS) may be used to reduce quired electrical capacity to each space served by the ALMS. The electrical system distribution transformers shall have sufficient capacity to deliver at least 3.3 kW			<b>4.303.1.4.4 Kitchen Faucets.</b> The maximum per minute at 60 psi. Kitchen faucets may tem	flow rate of kitchen faucets shall not exceed 1.8 gallons porarily increase the flow above the maximum rate, but not	
o each EV charging station (EVCS) served by the ALMS. The branch circuit shall capacity of 40 amperes, and installed EV chargers shall have a capacity of not			to exceed 2.2 gallons per minute at 60 psi, and minute at 60 psi.	must default to a maximum flow rate of 1.8 gallons per	
e charging stations (EVCS).			<b>Note</b> : Where complying faucets are unavailab reduction.	le, aerators or other means may be used to achieve	
ons required by Section 4.106.4.2.2, Item 2, with EV chargers installed shall 2.2.1.1.			<b>4.303.1.4.5 Pre-rinse spray valves.</b> When installed, shall meet the requirements in	the California Code of Regulations, Title 20 (Appliance	
narging stations serving public accommodations, public housing, motels and hotels ly with this section. See <i>California Building Code</i> , Chapter 11B, for applicable			(d)(7) and shall be equipped with an integral at	utomatic shutoff.	
cle charging stations (EVCS) spaces with EV chargers installed; dimensions			Code of Regulations, Title 20 (Appliance Efficient 1605.3 (h)(4)(A).	ency Regulations),Section 1605.1 (h)(4) and Section	
ed to comply with the following:			TABLE H-2		
each EVCS space shall be 18 feet (5486 mm). each EVCS space shall be 9 feet (2743 mm). spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum.			STANDARDS FOR COMMERCIA	AL PRE-RINSE SPRAY	
m) wide minimum aisle shall be permitted provided the minimum width of the (3658 mm). Surface slope for this EVCS space and the aisle shall not exceed 1 herizontal (2.083 percent slope) in any direction. These EVCS spaces shall also			VALUES MANUFACTURED ON	OR AFTER JANUARY 28, 2019	
e of the following:			PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)	
all be located adjacent to an accessible parking space meeting the requirements og Code, Chapter 11A, to allow use of the EV charger from the accessible parking			Product Class 1 (≤ 5.0 ozf)	1.00	
all be located on an accessible route, as defined in the <i>California Building Code</i> , ng. hicle charging stations designed and constructed in compliance with the <i>California</i>			Product Class 2 (> 5.0 ozf and $\leq$ 8.0 ozf) Product Class 3 (> 8.0 ozf)	1.20	
r 11B, are not required to comply with Section 4.106.4.2.2.1.1.			Title 20 Section 1605.3 (h)(4)(A): Commercial 1, 2006, shall have a minimum spray force of n	prerinse spray values manufactured on or after January tot less than 4.0 ounces-force (ozf)[113 grams-force(gf)]	
s in Section 4.106.4.2.2.1.1, all EV chargers, where installed, shall comply with the chargers in the <i>California Building Code</i> , Chapter 11B. EV ready spaces and			4.303.2 Submeters for multifamily buildings and dwellin buildings	g units in mixed-used residential/commercial	
nents shall comply with California Building Code, Chapter 11A, Section 1109A.			Submeters shall be installed to measure water usage California Plumbing Code.	of individual rental dwelling units in accordance with the	
			<b>4.303.3 Standards for plumbing fixtures and fittings.</b> Plu accordance with the <i>California Plumbing Code</i> , and shall me	umbing fixtures and fittings shall be installed in eet the applicable standards referenced in Table	
ready space signage. shall be identified by signage or pavement markings, in compliance with Caltrans ctive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its			NOTE:		
			THIS TABLE COMPILES THE DATA IN SECTION 4 CONVENIENCE FOR THE USER.	.303.1, AND IS INCLUDED AS A	
added, or electrical systems or lighting of existing parking facilities are added or			TABLE - MAXIMUM FIXTURE WATER	USE ELOW RATE	
building permit, ten (10) percent of the total number of parking spaces added or tes to support future Level 2 electric vehicle supply equipment. The service panel I identify the overcurrent protective device space(s) reserved for			SHOWER HEADS (RESIDENTIAL)	1.8 GMP @ 80 PSI	
'EV CAPABLE."			LAVATORY FAUCETS (RESIDENTIAL)	MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20	
e intended to demonstrate the project's capability and capacity for facilitating future			LAVATORY FAUCETS IN COMMON & PUBLIC	0.5 GPM @ 60 PSI	
EV spaces to be constructed or available until EV chargers are installed for use.			KITCHEN FAUCETS	1.8 GPM @ 60 PSI	
			METERING FAUCETS WATER CLOSET	0.2 GAL/CYCLE 1.28 GAL/FLUSH	
			URINALS	0.125 GAL/FLUSH	

	T – TES N/A = NOT APPLICABLE RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)
N/A RESPON	
PARTY	4.304 OUTDOOR WATER USE
	<ul> <li>4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply with         <ul> <li>a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.</li> </ul> </li> <li>NOTES:</li> </ul>
	<ol> <li>The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code Regulations, Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including water budget calculator, are available at: https://www.water.ca.gov/</li> </ol>
	DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY
	<ul> <li>4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE</li> <li>4.406.1 RODENT PROOFING. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency.</li> </ul>
	<ul> <li>4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING</li> <li>4.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65 percent of the non-hazardous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance.</li> </ul>
	<ol> <li>Exceptions.</li> <li>Excavated soil and land-clearing debris.</li> <li>Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the jobsite.</li> <li>The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility.</li> </ol>
	<ul> <li>4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. Submit a construction waste management plan</li> <li>in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.</li> </ul>
	<ol> <li>Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale.</li> <li>Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream).</li> <li>Identify diversion facilities where the construction and demolition waste material collected will be taken.</li> <li>Identify construction methods employed to reduce the amount of construction and demolition waste</li> </ol>
	<ul> <li>5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.</li> </ul>
	4.408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1.
	<b>Note:</b> The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.
	<ul> <li>4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs./sq.ft. of the building area shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1</li> </ul>
	<b>4.408.4.1 WASTE STREAM REDUCTION ALTERNATIVE.</b> Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1
]	<ul> <li>4.408.5 DOCUMENTATION. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, items 1 through 5, Section 4.408.3 or Section 4.408.4</li> <li>Notes:         <ol> <li>Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in</li> </ol> </li> </ul>
	<ul> <li>documenting compliance with this section.</li> <li>2. Mixed construction and demolition debris (C &amp; D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).</li> </ul>
	<ul> <li>4.410 BUILDING MAINTENANCE AND OPERATION</li> <li>4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building:</li> </ul>
	<ol> <li>Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure.</li> <li>Operation and maintenance instructions for the following:</li> </ol>
	<ul> <li>a. Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers, water-heating systems and other major appliances and equipment.</li> <li>b. Roof and yard drainage, including gutters and downspouts.</li> </ul>
	<ul> <li>c. Space conditioning systems, including condensers and air filters.</li> <li>d. Landscape irrigation systems.</li> <li>e. Water reuse systems.</li> <li>3. Information from local utility water and water receivery providers on matthe bate for the part of the systems.</li> </ul>
	<ol> <li>anomation normote utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations.</li> <li>Public transportation and/or carpool options available in the area.</li> <li>Educational material on the positive impacts of an interior relative humidity between 30-60 percent</li> </ol>
	<ul> <li>and what methods an occupant may use to maintain the relative humidity level in that range.</li> <li>6. Information about water-conserving landscape and irrigation design and controllers which conserve water.</li> <li>7. Instructions for maintaining auttors and downspoults and the importance of diverting water at least 5.</li> </ul>
	<ol> <li>A matrice of diverting water at least 5 feet away from the foundation.</li> <li>8. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc.</li> <li>9. Information about state solar energy and incentive programs available.</li> <li>10. A copy of all special inspections verifications required by the enforcing agency or this code</li> </ol>
	<ol> <li>Information from the Department of Forestry and Fire Protection on maintenance of defensible space around residential structures.</li> <li>Information and/or drawings identifying the location of grab bar reinforcements.</li> </ol>
	<ul> <li>4.410.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible area(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waster, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive.</li> </ul>
	<b>Exception:</b> Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of this section.
	DIVISION 4.5 ENVIRONMENTAL QUALITY SECTION 4.501 GENERAL
	<ul> <li>4.501.1 Scope         The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors.     </li> <li>SECTION 4.502 DEFINITIONS     </li> </ul>
	<ul> <li><b>5.102.1 DEFINITIONS</b></li> <li>The following terms are defined in Chapter 2 (and are included here for reference)</li> <li><b>AGRIFIBER PRODUCTS.</b> Agrifiber products include wheatboard, strawboard, panel substrates and door</li> </ul>
	cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements. <b>COMPOSITE WOOD PRODUCTS.</b> Composite wood products include hardwood plywood, particleboard and
	medium density tiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120.1.

**DIRECT-VENT APPLIANCE.** A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.

# **2022 CALIFORNIA GREEN BUILDING STANDARDS CODE RESIDENTIAL MANDATORY MEASURES, SHEET 2** (July 2024 Supplement)

<text><text><text><text><text><text><text><text><text><text><list-item><list-item></list-item></list-item></text></text></text></text></text></text></text></text></text></text>	<u>.</u>		Y N/A RESPON PARTY
<text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text>			
<text><text><text><text><text><text><text><text><text><list-item></list-item></text></text></text></text></text></text></text></text></text>	<b>MAXIMUM INCREMENTAL REACTIVITY (MIR).</b> The maximum chang compound to the "Base Reactive Organic Gas (ROG) Mixture" per weiled to the the transfer of the tran	ge in weight of ozone formed by add ght of compound added, expressed	ling a I to
<text><text><text><text><text><text><text><text><list-item></list-item></text></text></text></text></text></text></text></text>	hundredths of a gram (g O <sup>s</sup> /g ROC). Note: MIR values for individual compounds and hydrocarbon solvents a and 94701	are specified in CCR, Title 17, Sect	ions 94700
<text><text><text><text><text><text><text><list-item></list-item></text></text></text></text></text></text></text>	MOISTURE CONTENT. The weight of the water in wood expressed in	percentage of the weight of the over	en-dry wood
<form></form>	PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR fr	or all ingredients in a product subje	ct to this
EACTURE ORGANIC CONFOLING (ICC). Any compound the has the plothing and contained in contained in the inspection of positive spectra (ICC) mostly defined as a defined compared based on cation of their of the inspection of th	article. The PWMIR is the total product reactivity expressed to hundred product (excluding container and packaging). Note: PWMIR is calculated according to equations found in CCR, Title	oths of a gram of ozone formed per 17, Section 94521 (a).	gram of
	<b>REACTIVE ORGANIC COMPOUND (ROC).</b> Any compound that has the ozone formation in the troposphere.	he potential, once emitted, to contri	bute to
Construction         Construction           Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction         Construction         Construction           Construction         Construction         Construction	<b>VOC.</b> A volatile organic compound (VOC) broadly defined as a chemic with vapor pressures greater than 0.1 millimeters of mercury at room to hydrogen and may contain oxygen, nitrogen and other elements. See (	cal compound based on carbon cha emperature. These compounds typi CCR Title 17, Section 94508(a).	ns or rings cally contain
	<ul> <li>4.503 FIREPLACES</li> <li>4.503.1 GENERAL. Any installed gas fireplace shall be a direct-vent s woodstove or pellet stove shall comply with U.S. EPA New Source Per applicable, and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and shall have a permanent label indicating they are certific pellet stoves and fireplaces shall also comply with applicable local ordinates and states are certific pellet stoves and fireplaces shall also comply with applicable local ordinates are certific pellet.</li> </ul>	sealed-combustion type. Any installer formance Standards (NSPS) emiss ed to meet the emission limits. Woo nances.	ed sion limits as odstoves,
contings at table to object of the sector of the sector of the sector.           4.494.2 INISH MATERIAL POLLUTARY CONTROL. Finish methods acceptable to the settor.           4.494.2 INISH MATERIAL POLLUTARY CONTROL. Finish methods acceptable to the settor single of the following sematoria distribution of the settor setting of the settor settors of the settors of the settor settors of the settor settors of the settor settors of the settor settors of the settors of the settors of the settor settors of the settor settors of the settors of the settors settors of the settor settors of the settors of the s	4.504 POLLUTANT CONTROL 4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MEC CONSTRUCTION. At the time of rough installation, during storage on startup of the heating, cooling and ventilating equipment, all duct and c	CHANICAL EQUIPMENT DURING the construction site and until final other related air distribution compon	ient
Image: Section of the section of the section of the product set of the produc	openings shall be covered with tape, plastic, sheet metal or other meth reduce the amount of water, dust or debris which may enter the system	nods acceptable to the enforcing ag n.	ency to
C     C	4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish material	ls shall comply with this section.	
1. Advanced adhesives, and provide an input provide on the particular of the state of the s	<ul> <li>4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealar requirements of the following standards unless more stringent lo management district rules apply:</li> </ul>	nt and caulks used on the project s ocal or regional air pollution or air qu	hall meet the iality
Image: Second	1. Adhesives, adhesive bonding primers, adhesive prime	ers, sealants, sealant primers and c	aulks
Accord adhealment, and smaller will size of adhealment, and seaking to califing compounds (in this of product). Less package, which do not well more that not add do not consist of more than 16 fuid curces) shall comply with statewide VOC standards and do not consist of more than 16 fuid curces) shall comply with statewide VOC standards and choir requirements, including prohibitions on use of catinal statewide VOC standards and choir requirements of the ARR Anthiectural Suggestad Cartrol Measure, as above in Table 4 50.3°, unless more simpler tocal limits that is a the state of the ARR Anthiectural Suggestad Cartrol Measure, as above in Table 4 50.3°, unless more simpler tocal limits that is the state of the ARR Anthiectural Suggestad Cartrol Measure, as above in Table 4 50.3°, unless more simpler tocal limits that is the failed and box observation of the state of the the ARR Anthiectural Suggestad Cartrol Measure, as above in Table 4 50.3°, unless more simpler tocal limits that is the failed state of the state of the the corresponding Tail, Nontici or Nontiac is Nontiacial Nontiac is Nontiacial Nontiacia Nontiac	applicable or SCAQMD Rule 1168 VOC limits, as sho Such products also shall comply with the Rule 1168 p compounds (chloroform, ethylene dichloride, methylen tricloroethylene), except for aerosol products, as spec	or air quality management district r own in Table 4.504.1 or 4.504.2, as prohibition on the use of certain toxic ne chloride, perchloroethylene and cified in Subsection 2 below.	applicable.
A 504.2.2 Prints and Costings. Architectural paints and costings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Corritol Measure, as shown in Table 4.304.3. unless more stringent local imited by the ARB Architectural Suggested Corritol Measure, as shown in Table 4.304.3. unless more stringent local imited by the costing as a FUL Northat of Northan High Close and the corresponding Flat, Northat of Northan High Close and Suggest and the corresponding Flat, Northat of Northan High Close and Suggest and the corresponding Flat, Northat of Northan High Close and Table 4.302 of the 2007 California AIP Resources Based on its gloss, as defined in subsections 4.21, 4.38, and 4.37 of the 2007 California AIP Resources Based Close and Table 4.302 and an east locating by the Arbit of Close and Table 4.302 and the Northat High Close of Respective Close and the Arbit of Close and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the Arbit of Close Arbit and Table 4.302 and the A	<ol> <li>Aerosol adhesives, and smaller unit sizes of adhesive units of product, less packaging, which do not weigh n than 16 fluid ounces) shall comply with statewide VOC prohibitions on use of certain toxic compounds, of <i>Cal</i> commencing with section 94507</li> </ol>	es, and sealant or caulking compour more than 1 pound and do not cons C standards and other requirements <i>lifornia Code of Regulations</i> , Title 1	nds (in ist of more s, including 7,
Interaction         The Area Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits and strong the definition of the specially control and the offention of the specially control mark of control Measure, and the corresponding PLI, North Le 2017 Conformative PE Suggestion and the corresponding PLI, North Le 2017 Conformative PE Suggestion and the corresponding PLI, North Le 2017 Conformative PE Suggestion and the corresponding PLI, North Le 2017 Conformative PE Suggestion and PLI and	4.504.2.2 Paints and Coatings. Architectural paints and coatin	ngs shall comply with VOC limits in	Table 1 of
□       Table 4.504 3 shall appy.         □       4.504.23 Arcsol Paints and Coatings. Acrosol paints and coatings shall meet the Productweighted MIR Limits for RC: Beating Status (2)(2)(2) and other requirements, including prohibitions or use of partial toxin or product back of source of the section shall be provided at the request of the distribution of the section shall be provided at the request of the efforting agency. Documentation may include. Dub to not limits of Cole of the section shall be provided at the request of the efforting agency. Documentation may include. Dub to not limits of the section shall be provided at the request of the efforting agency. Documentation.         2       4.504.24 Verification of compliance with this section shall be provided at the request of the efforting agency. Documentation.         3. Field verification of on-sile product specification.       5. Field verification of on-sile product specification.         4.504.24 Verification of on-sile product containers.       1. Manufacturer's product specification.         7. Field verification of on-sile product containers.       1. Manufacturer's product specification.         8. Field verification of on-sile product containers.       1. Manufacturer's product specification.         7. Field verification of on-sile product specification.       2. Field verification of on-sile product specification.         8. Field verification of on-sile product containers.       1. Manufacturer's product specification.         1. Case Water and Less Exampt Compounds in Grams per Liter)       Acchinery field verification of on-sile product specification.         1. Ga	the ARB Architectural Suggested Control Measure, as shown in apply. The VOC content limit for coatings that do not meet the or listed in Table 4.504.3 shall be determined by classifying the coa- coating, based on its gloss, as defined in subsections 4.21, 4.36 Board, Suggested Control Measure, and the corresponding Flat	Table 4.504.3, unless more stringe definitions for the specialty coatings ating as a Flat, Nonflat or Nonflat-H 5, and 4.37 of the 2007 California Ai Nonflat or Nonflat-High Gloss VO0	nt local limits categories igh Gloss r Resources Climit in
A:504.23 Aerosol Plaints and Coatings. Ancrosol paints and coatings shall most the Product-weighted MIR Limits for ROC in sector 4522(2):01 and the requirements. Including prohibitions on use of certain toxic compounds and acrose deplainty additionally comply With be percent. VOC by weight of the Edy Ava Mir Guilty Man Element Distribution and use of the Including Sector 4522(2):01 and Certarguing and a necesor brance and the Edy Ava Mir Guilty Man Element Distribution and uncertainty and the percent. VOC by weight of product limits of Regulation 8, Rule 49. A: 434.2.4 Verification. Verification of compliance with this section shall be provided at the request of the eleforing agency. Documentation may include, but is not limited to, the following: I. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT'.2 (Less Water and Less Exempt Compounds in Grams per Liter) Acceleration Acceleration May include, but is action shall be provided at the request of the eleforing agency. Documentation of on-site product specification. 3. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT'.2 (Less Water and Less Exempt Compounds in Grams per Liter) Acceleration Acceleration May include, but is a containers. TABLE 4.504.1 - ADHESIVES 500 CARPET PAD ADHESIVES 500 OUTDOOR CARPET ADHESIVES 500 DUTDOOR CARPET ADHESIVES 500 DERVWALL & PANEL ADHESIVES 500 DRYWALL & PANEL ADHESIVES 520 OTHER ADHESIVES NOT LISTED 500 SINGLE-PLY ROOF MEMBRANE ADHESIVES 250 OTHER ADHESIVES NOT LISTED 500 SPECIALTY APPLICATIONS PPCOMED 4490 Als WELDING 5250 PLASTIC COMENT WELDING 2550 ADHESIVE PRIMER FOR PLASTIC 5500 CONTER ADHESIVE 100 F	Table 4.504.3 shall apply.	, Normat of Normat-High Closs VOC	
compounds and azone depleting substances, in Sections 94522(e)(f) and (f(f)) of California Code of Regulations, Title 7, commending with Section 34220; and in areas under the justation of the Bay Area Air Gaulity Management Distict additionally comply with the percent VOC by weight of product limits of Regulation (S, Rule 48).         compounds and azone depleting substances, in Section shall be provided at the request of the enforcing agency. Documentation may include, buils not limited to, the following:         1.4.90.2.4.2 Vorification of complance with this section shall be provided at the request of the enforcing agency. Documentation may include, buils not limited to, the following:         1. Manufacturar's product specification.         2. Field verification of on-site product containers.         TABLE 4.504.1 - ADHESIVE VOC LIMIT 12         (Loss Water and Loss Exempt Compounds in Grams par Liter)         ARCHTECTURAL APPLICATIONS VOC LIMIT         INDOOR CARPET ADHESIVES       50         OUTDOOR CARPET ADHESIVES       50         OUTDOOR CARPET ADHESIVES       50         CHAMEL ADHESIVES       50         COVE BASE ADHESIVES       50         COVE ASPHALT TILE ADHESIVES       50         COVE ASPHALT TILE ADHESIVES       50         COVE BASE ADHESIVES       50         COVE BASE ADHESIVES       50         COVE BASE ADHESIVES       50         OTHER ADHESIVES       50	<ul> <li>4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in</li> </ul>	patings shall meet the Product-weig ncluding prohibitions on use of certa	hted MIR ain toxic
Listicy wanagement businet additionality compty with the percent VOL by weight of product limits of kegulation of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:         •       •.4.692.2.4 Verification. Compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:         •       •.4.902.2.4 Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation of on-site product containers.         •       •.1. Manufacturer's product specification.         •       •.1. Manufacturer's product containers.         •       •.1. Manufacturer's product specification.         •.1. Manufacturer's product specification.       •.1. Manufacturer's product specification.	compounds and ozone depleting substances, in Sections 94522 Regulations, Title 17, commencing with Section 94520; and in a	(e)(1) and (f)(1) of <i>California Code</i> reas under the jurisdiction of the Ba	of ay Area Air
<ul> <li>4.304.2.4 Verification. Verification of compliance with his section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: <ol> <li>Manufacture's product specification.</li> <li>Field verification of on-site product containers.</li> </ol> </li> <li>TABLE 4.504.1 - ADHESIVE VOC LIMIT.;</li> <li>(Less Water and Less Exempt Compounds in Grams per Liter) <ol> <li>ARCHITECTURAL APPLICATIONS</li> <li>VOC LIMIT</li> <li>INDOOR CARPET ADHESIVES</li> <li>CARPET PAD ADHESIVES</li> <li>OUTDOOR CARPET ADHESIVES</li> <li>OOR DEVORING ADHESIVES</li> <li>OOR DEVORING ADHESIVES</li> <li>OOR DEVORING ADHESIVES</li> <li>OOR DEVENSIVES</li> <li>OON SUBFLOOR NDHESIVES</li> <li>OON SUBJELICATION ADHESIVES</li> <li>OTHER ADHESIVES</li> <li>OTHER ADHESIVES</li> <li>OTHER ADHESIVES</li> <li>OTHER ADHESIVES NOT LISTED</li> <li>SPECIALTY APPLICATIONS</li> <li>PVC WELDING</li> <li>ABS WELDING</li> <li>ABS WELDING</li> <li>ABS WELDING</li> <li>ABS WELDING</li> <li>ABS WELDING</li> <li>ABS WELDING</li> <li>SPECIAL PURPOSE CONTACT ADHESIVE</li> <li>STRUCTURAL WOOD MEMBER ADHESIVE</li> <li>SUBSTRATE SPECIFIC APPLICATIONS</li> <li>PLASTIC CEMENT WELDING</li> <li>SUBSTRATE SPECIFIC APPLICATIONS</li> <li>SPECIAL PURPOSE CONTACT ADHESIVE</li> <li>SUBSTRATE SPECIFIC APPLICATIONS</li> <li>SPECIAL PURPOSE CONTACT ADHESIVE</li> <li>SUBSTRATE SPECIFIC APPLICATIONS</li> <li>SUBSTRATE SPECIFIC APPLICATIONS<td>8, Rule 49.</td><td>it voc by weight of product limits o</td><td>Regulation</td></li></ol></li></ul>	8, Rule 49.	it voc by weight of product limits o	Regulation
1. Manufacturer's product specification.         2. Field verification of on-site product containers.         TABLE 4.504.1 - ADHESIVE VOC LIMIT <sub>1,2</sub> (Less Water and Less Exempt Compounds in Grams per Liter)         ARCHITECTURAL APPLICATIONS       VOC LIMIT INDOOR CARPET ADHESIVES         10000R CARPET ADHESIVES       50         CARPET PAD ADHESIVES       50         OUTDOOR CARPET ADHESIVES       50         OUTDOOR CARPET ADHESIVES       60         SUBFLOOR ADHESIVES       50         CERAMIC TILE ADHESIVES       50         CERAMIC TILE ADHESIVES       50         COVE BASE ADHESIVES       50         DRYWALL & PANEL ADHESIVES       50         COVE BASE ADHESIVES       50         DRYWALL & PANEL ADHESIVES       50         OVELTRANCE CONSTRUCTION ADHESIVES       50         MULTIPURPOSE CONSTRUCTION ADHESIVES       50         SINGLE-FLY ROOF MEMBRANE ADHESIVES       250         OTHER ADHESIVES NOT LISTED       50         SPECIAL TY APPLICATIONS       PVC WELDING         PVC WELDING       310         ADHESIVE PRIMER FOR PLASTIC       550         CONTACT ADHESIVE       80         SPECIAL PURPOSE CONTACT ADHESIVE       250         STRUCTURAL GLAZING APPLICATIONS       8	<b>4.504.2.4 Verification.</b> Verification of compliance with this section enforcing agency. Documentation may include, but is not limited	ion shall be provided at the request d to, the following:	of the
2. Field verification of on-sife product containers.         TABLE 4.504.1 - ADHESIVE VOC LIMIT <sub>1.2</sub> (Less Water and Less Exempt Compounds in Grams per Liter)         ARCHITECTURAL APPLICATIONS       VOC LIMIT         INDOOR CARPET ADHESIVES       50         CARPET PAD ADHESIVES       50         OUTDOOR CARPET ADHESIVES       150         WOOD FLOORING ADHESIVES       60         SUBFLOOR ADHESIVES       60         SUBFLOOR ADHESIVES       60         SUBFLOOR ADHESIVES       60         CERAMIC TILE ADHESIVES       60         COVE & ASPHALT TILE ADHESIVES       60         COVE & ASPHALT TILE ADHESIVES       50         OLTUTURAL GLAZING ADHESIVES       50         OTHER ADHESIVES       50         OTHER ADHESIVES       50         SURGLE-PLY ROOF MEMBRANE ADHESIVES       50         OTHER ADHESIVES NOT LISTED       50         SPECIALITY APPLICATIONS       PVC WELDING         PVC WELDING       510         CONTACT APHESIVE       80         SPECIAL PURPOSE CONTACT ADHESIVE       80         SPECIAL PURPOSE CONTACT ADHESIVE       250         STRUCTURAL WOOD MEMBER ADHESIVE       140         TOP & TRIM ADHESIVE       250	1. Manufacturer's product specification.		
TABLE 4.504.1 - ADHESIVE VOC LIMIT(Less Water and Less Exempt Compounds in Grams per Liter)ARCHITECTURAL APPLICATIONSVOC LIMITINDOOR CARPET ADHESIVES50CARPET PAD ADHESIVES50OUTDOOR CARPET ADHESIVES150WOOD FLOORING ADHESIVES100RUBBER FLOOR ADHESIVES60SUBFLOOR ADHESIVES50CERAMIC TILE ADHESIVES50COVE DASH ADHESIVES50DRYWALL & PANEL ADHESIVES50DRYWALL & PANEL ADHESIVES50COVE BASE ADHESIVES50COVE BASE ADHESIVES50SINGLE-PLY ROOF MEMBRANE ADHESIVES100SINGLE-PLY ROOF MEMBRANE ADHESIVES50OTHER ADHESIVES NOT LISTED50SPECIALTY APPLICATIONS510PVC WELDING490ABS WELDING325PLASTIC CEMENT WELDING250ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE250SUBSTRATE SPECIFIC AP	<ol> <li>Field verification of on-site product containers.</li> </ol>		
TABLE 4.504.1 - ADHESIVE VOC LIMIT.(Less Water and Less Exempt Compounds in Grams per Liler)ARCHITECTURAL APPLICATIONSVOC LIMITINDOOR CARPET ADHESIVES50CARPET PAD ADHESIVES150WOOD FLOORING ADHESIVES100RUBBER FLOOR ADHESIVES60SUBFLOOR ADHESIVES60SUBFLOOR ADHESIVES65VCT & ASPHALT TILE ADHESIVES65VCT & ASPHALT TILE ADHESIVES50COVE BASE ADHESIVES50COVE BASE ADHESIVES50COVE BASE ADHESIVES50COVE BASE ADHESIVES50MULTIPURPOSE CONSTRUCTION ADHESIVE70STRUCTURAL GLAZING ADHESIVES100SINGLE-PLY ROOF MEMBRANE ADHESIVES250OTHER ADHESIVES NOT LISTED50SPECIALTY APPLICATIONS100PVC WELDING250ADHESIVE ROOF NEMBRANE ADHESIVE250ADHESIVE ROOF NEMBRANE ADHESIVE250ADHESIVE ROOF NEMBRANE ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS100METAL TO METAL30PLASTIC FOAMS50			
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SUBFLOOR ADHESIVES50CERAMIC TILE ADHESIVES65VCT & ASPHALT TILE ADHESIVES50DRYWALL & PANEL ADHESIVES50COVE BASE ADHESIVES50MULTIPURPOSE CONSTRUCTION ADHESIVE70STRUCTURAL GLAZING ADHESIVES100SINGLE-PLY ROOF MEMBRANE ADHESIVES250OTHER ADHESIVES NOT LISTED50SPECIALTY APPLICATIONSPVC WELDINGPVC WELDING510CPVC WELDING250ADHESIVE PRIMER FOR PLASTIC550CONTACT ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS140METAL TO METAL30PLASTIC FOAMS50	RUBBER FLOOR ADHESIVES	60	
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PLASTIC CEMENT WELDING250ADHESIVE PRIMER FOR PLASTIC550CONTACT ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS0METAL TO METAL30PLASTIC FOAMS50	ABS WELDING	325	
ADHESIVE PRIMER FOR PLASTIC550CONTACT ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS100METAL TO METAL30PLASTIC FOAMS50	PLASTIC CEMENT WELDING	250	
CONTACT ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS100METAL TO METAL30PLASTIC FOAMS50	ADHESIVE PRIMER FOR PLASTIC	550	
SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS100METAL TO METAL30PLASTIC FOAMS50	CONTACT ADHESIVE	80	
STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONSMETAL TO METAL30PLASTIC FOAMS50	SPECIAL PURPOSE CONTACT ADHESIVE	250	
TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONSMETAL TO METAL30PLASTIC FOAMS50	STRUCTURAL WOOD MEMBER ADHESIVE	140	
SUBSTRATE SPECIFIC APPLICATIONSMETAL TO METAL30PLASTIC FOAMS50		250	
PLASTIC FOAMS 50	METAL TO METAL	30	
		~~	
POROUS MATERIAL (EXCEPT WOOD)50	PLASTIC FOAMS	50	
WOOD 30	PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD)	50 50	
FIBERGLASS 80	PLASTIC FOAMS         POROUS MATERIAL (EXCEPT WOOD)         WOOD	50 50 30	
	PLASTIC FOAMSPOROUS MATERIAL (EXCEPT WOOD)WOODFIBERGLASS	50 50 30 80	
1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.	PLASTIC FOAMS       POROUS MATERIAL (EXCEPT WOOD)         WOOD       FIBERGLASS	50 50 30 80	
2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE	PLASTIC FOAMS         POROUS MATERIAL (EXCEPT WOOD)         WOOD         FIBERGLASS         1. IF AN ADHESIVE IS USED TO BOND DISSIMILAE         THE ADHESIVE WITH THE HIGHEST VOC CONTENT	50 50 30 80 R SUBSTRATES TOGETHER, NT SHALL BE ALLOWED.	
	PLASTIC FOAMS         POROUS MATERIAL (EXCEPT WOOD)         WOOD         FIBERGLASS         1. IF AN ADHESIVE IS USED TO BOND DISSIMILAE         THE ADHESIVE WITH THE HIGHEST VOC CONTE         2. FOR ADDITIONAL INFORMATION REGARDING	50 50 30 80 R SUBSTRATES TOGETHER, NT SHALL BE ALLOWED. METHODS TO MEASURE	
THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.	PLASTIC FOAMS         POROUS MATERIAL (EXCEPT WOOD)         WOOD         FIBERGLASS         1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR         THE ADHESIVE WITH THE HIGHEST VOC CONTENT         2. FOR ADDITIONAL INFORMATION REGARDING         THE VOC CONTENT SPECIFIED IN THIS TABLE, S         QUALITY MANAGEMENT DISTRICT RULE 1168.	50 50 30 80 R SUBSTRATES TOGETHER, NT SHALL BE ALLOWED. METHODS TO MEASURE SEE SOUTH COAST AIR	

TABLE 4.504.2 - SEALANT VOC LI	MIT
(Less Water and Less Exempt Compounds in G	rams per Liter)
SEALANTS	VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NON-POROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

OTHER

TABLE 4.504.3 - VOC CONTENT LIN ARCHITECTURAL COATINGS23	AITS FOR
GRAMS OF VOC PER LITER OF COATING, LES COMPOUNDS	SS WATER & LESS EXEMPT
COATING CATEGORY	VOC LIMIT
FLAT COATINGS	50
NON-FLAT COATINGS	100
NONFLAT-HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS1	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

Y	N/A	RESPON. PARTY				
			TABLE 4	.504.5 - FORMALDEHYDE	LIMITS <sub>1</sub>	
			MAXIMUM F	ORMALDEHYDE EMISSIONS IN P	ARTS PER MILLION	
			PRODUCT		CURRENT LIMIT	
			HARDWOOI	D PLYWOOD VENEER CORE	0.05	
			HARDWOOI	D PLYWOOD COMPOSITE CORE	0.05	
			PARTICLE E		0.09	
					0.11	
				JM DENSITY FIBERBOARD2		
			BY THE CAL	LIF. AIR RESOURCES BOARD, AIR	TOXICS CONTROL	
			MEASURE F WITH ASTM CODE OF R 93120 12	OR COMPOSITE WOOD AS TEST TE 1333. FOR ADDITIONAL INFOR EGULATIONS, TITLE 17, SECTION	ED IN ACCORDANCE MATION, SEE CALIF. IS 93120 THROUGH	
			2. THIN ME THICKNESS	DIUM DENSITY FIBERBOARD HAS S OF 5/16" (8 MM).	S A MAXIMUM	
			<b>DIVISION 4.5</b> EN 4.504.3 CARPET SYSTEMS. / Department of Public Health, "S from Indoor Sources Using Env	All carpet installed in the building inter Standard Method for the Testing and E	ALITY (continue rior shall meet the requireme Evaluation of Volatile Organic January 2017 (Emission testi	<b>d)</b> nts of the California chemical Emissions
			California Specification 01350) See California Department of P	ublic Health's website for certification	programs and testing labs.	
			https://www.cdph.ca.gov/Progra	ams/CCDPHP/DEODC/EHLB/IAQ/Pa	ges/VOC.aspx.	
			<b>4.504.3.1 Carpet cushio</b> California Department of Chemical Emissions from (Emission testing method	on. All carpet cushion installed in the b Public Health, "Standard Method for n Indoor Sources Using Environmenta d for California Specification 01350)	building interior shall meet the the Testing and Evaluation o al Chambers," Version 1.2, Ja	e requirements of the f Volatile Organic anuary 2017
			See California Departme	nt of Public Health's website for certif	ication programs and testing	labs.
			4.504.3.2 Carpet adhesi	ive. All carpet adhesive shall meet the	e requirements of Table 4.50	4.1.
			4.504.4 RESILIENT FLOORIN	G SYSTEMS. Where resilient floorin	ig is installed , at least 80% o	f floor area receiving
			resilient flooring shall meet the Testing and Evaluation of Volat Version 1.2, January 2017 (Em	requirements of the California Depart ile Organic Chemical Emissions from ission testing method for California Sp ublic Health's website for cortification	ment of Public Health, "Stand Indoor Sources Using Enviro pecification 01350)	lard Method for the onmental Chambers,"
			hhtps://www.cdph.ca.gov/Progr	ams/CCDPHP/DEODC/EHLB/IAQ/Pa	ages/VOC.aspx.	
			4.504.5 COMPOSITE WOOD F composite wood products used formaldehyde as specified in Al by or before the dates specified	PRODUCTS. Hardwood plywood, par on the interior or exterior of the build RB's Air Toxics Control Measure for C I in those sections, as shown in Table	rticleboard and medium dens ings shall meet the requireme Composite Wood (17 CCR 93 e 4.504.5	ity fiberboard ents for 120 et seq.),
			<b>4.504.5.1 Documentation</b> by the enforcing agency.	<b>on.</b> Verification of compliance with thi Documentation shall include at least	is section shall be provided a one of the following:	s requested
			1. Product certific	cations and specifications.	ene en une rene nung.	
			<ol> <li>Chain of custo</li> <li>Product labele</li> </ol>	dy certifications. d and invoiced as meeting the Compo	osite Wood Products regulati	on (see
			CCR, Title 17, 4. Exterior grade	Section 93120, et seq.). products marked as meeting the PS-	1 or PS-2 standards of the E	ngineered
			Wood Associa 0121, CSA 015 5. Other methods	tion, the Australian AS/NZS 2269, Eu 51, CSA 0153 and CSA 0325 standar acceptable to the enforcing agency.	ıropean 636 3S standards, ar <sup>.</sup> ds.	าd Canadian CSA
			4.505 INTERIOR MOIS 4.505.1 General. Buildings sha	STURE CONTROL all meet or exceed the provisions of the	ne California Building Standa	rds Code.
			<b>4.505.2 CONCRETE SLAB FO</b> California Building Code, Chapt California Residential Code, Ch	<b>UNDATIONS.</b> Concrete slab foundater 19, or concrete slab-on-ground flow napter 5, shall also comply with this se	tions required to have a vapo ors required to have a vapor ection.	or retarder by retarder by the
			4.505.2.1 Capillary brea following:	<b>k.</b> A capillary break shall be installed	d in compliance with at least o	one of the
			<ol> <li>A 4-inch (101.6 a vapor barrier shrinkage, and ACI 302.2R-06</li> <li>Other equivale</li> <li>A slab design s</li> </ol>	6 mm) thick base of 1/2 inch (12.7mm r in direct contact with concrete and a d curling, shall be used. For additiona 6. ent methods approved by the enforcing specified by a licensed design profess	n) or larger clean aggregate s concrete mix design, which v al information, see American ( g agency. sional.	hall be provided with will address bleeding, Concrete Institute,
			<b>4.505.3 MOISTURE CONTENT</b> shall not be installed. Wall and moisture content. Moisture con	<b>OF BUILDING MATERIALS.</b> Buildi floor framing shall not be enclosed wh tent shall be verified in compliance w	ing materials with visible sign hen the framing members ex ith the following:	s of water damage ceed 19 percent
			1. Moisture content sha moisture verification found in Section 101.	Il be determined with either a probe-ty methods may be approved by the enf .8 of this code.	ype or contact-type moisture forcing agency and shall sati	meter.Equivalent sfy requirements
			<ol> <li>Mosture readings str of each piece verified</li> <li>At least three random acceptable to the enf</li> </ol>	an be taken at a point 2 leet (o to mind d. n moisture readings shall be performe forcing agency provided at the time of	ed on wall and floor framing w f approval to enclose the wal	ith documentation
			Insulation products which are vi enclosure in wall or floor cavitie recommendations prior to enclo	isibly wet or have a high moisture con s. Wet-applied insulation products sh psure.	ntent shall be replaced or allo hall follow the manufacturers'	wed to dry prior to drying
			4.506 INDOOR AIR QU 4.506.1 Bathroom exhaust far following:	JALITY AND EXHAUST ns. Each bathroom shall be mechanio	cally ventilated and shall com	ıply with the
			<ol> <li>Fans shall be ENERC</li> <li>Unless functioning as humidity control.</li> </ol>	GY STAR compliant and be ducted to a component of a whole house venti	terminate outside the buildin ilation system, fans must be o	g. controlled by a
			<ul> <li>a. Humidity contrequal to 50% t adjustment.</li> <li>b. A humidity con integral (i.e., b</li> </ul>	ols shall be capable of adjustment be o a maximum of 80%. A humidity con itrol may be a separate component to uilt-in)	etween a relative humidity ran ntrol may utilize manual or au the exhaust fan and is not re	ge less than or itomatic means of equired to be
			Notes: 1. For the purpos tub/shower cor	es of this section, a bathroom is a roc mbination.	om which contains a bathtub,	shower or
			4.507 ENVIRONMENT 4.507.2 HEATING AND AIR-CO	AL COMFORT ONDITIONING SYSTEM DESIGN. H	leating and air conditioning s	ystems shall be
_			sized, designed and have their 1. The heat loss and he	equipment selected using the followir at gain is established according to AN SHRAE handbooks or other equivaler	ng methods: NSI/ACCA 2 Manual J - 2011 It design software or method	(Residential s.
			<ol> <li>Duct systems are size ASHRAE handbooks</li> <li>Select heating and conception of the selection</li> </ol>	ed according to ANSI/ACCA 1 Manua or other equivalent design software o poling equipment according to ANSI/A ), or other equivalent design software	al D - 2014 (Residential Duct or methods. ACCA 3 Manual S - 2014 (Re or methods.	Systems), sidential
			Exception: Use of altern	nate design temperatures necessary t	to ensure the system functior	is are

acceptable.

			Y = YES N/A = NOT APPLICABLE RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)
Y	N/.	A RESPON. PARTY	
			CHAPTER 7
			INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702 QUALIFICATIONS
			<b>702.1 INSTALLER TRAINING.</b> HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or east fination program. Upper the direct experision and
			responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:
			<ol> <li>State certified apprenticeship programs.</li> <li>Public utility training programs.</li> <li>Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.</li> </ol>
			<ol> <li>Programs sponsored by manufacturing organizations.</li> <li>Other programs acceptable to the enforcing agency.</li> </ol>
			<b>702.2 SPECIAL INSPECTION [HCD].</b> When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:
5			<ol> <li>Certification by a national or regional green building program or standard publisher.</li> <li>Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.</li> <li>Successful completion of a third party apprentice training program in the appropriate trade.</li> <li>Other programs acceptable to the enforcing agency.</li> </ol>
			<ol> <li>Notes:         <ol> <li>Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.</li> <li>HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).</li> </ol> </li> </ol>
,			[BSC] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.
			<b>Note:</b> Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
			703 VERIFICATIONS
			<b>703.1 DOCUMENTATION.</b> Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific desumentation are appealed in proceeding to varify acceptable to the enforcing agency which demonstrate substantial conformance.
			the appropriate section or identified applicable checklist.
,			
d			



0 16' 32'

HOOP HOUSE VENTANA WOODS 82.84' 242.23

-BARN (UNPERMITTED) -INDICATES PAVED RIGHT OF WAY -(E) ACCESSORY DWELLING UNIT

-(E) INDICATES (4) 8'-6" X 18'-0" PARKING SPACE

(E) SINGLE FAMILY RESIDENCE

-INDICATES DOWNSPOUTS

-INDICATES SETBACK

908.7







SIERRA DESIGN STUDIO ARCHITECTURE PLANNING INTERIORS 360 8TH AVENUE SANTA CRUZ, CA 95062 PH: (973) 876-4476
The plans, ideas and design on this drawing are the property of the designer, divised solely for this contract. Plans shall not be used, in whole or in part, for any purpose for which they were not intended without the written permission of Santa Cruz Development Program c
PROJECT NAME <b>SHIELDS</b> <b>RESIDENCE</b> 1875 GRANITE CREEK ROAD, SANTA CRUZ CA 95065-9713
REVISIONS
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PLAN NORTH IST FLOOR PLAN ELECTRICAL PLAN SECTION B DATE : 5/23/24 SCALE : AS-NOTED DRAWN BY :SIERRA CHECKED BY : ARCHITECT : PROJECT NO :























2 X STUD WALL W/ 1/2" GYP. BOARD (TYP.)

ALL HANDRAILINGS SHALL HAVE CLOSED ENDS - RETURN TO WALL SURFACE

GRASPABLE HARDWOOD HANDRAIL PER CBC SEC 1012.3. PROVIDE SHOP DRAWING TO ARCHITECT FOR REVIEW & APPROVAL.

METAL HANDRAIL BRACKET W/ CONCEALED FASTENERS @ 8' O.C. MAX

2 X6 D.F. SOLID BLOCKING @ HANDRAIL BRACKET

STAIRS SHALL CONFORM TO C.R.C. SEC R311.7 & HANDRAIL TO SEC. R311.7.7, R311.8.3 & C.B.C. SEC1607.7.1.1.



DATE : 5/23/24

SCALE :

DRAWN BY :SIERRA

CHECKED BY :

ARCHITECT :

**PROJECT NO :** 

## SHEET NUMBER

![](_page_10_Picture_23.jpeg)