

COMMISSION ACTION MATRIX
AGENCY: OFFICE OF THE STATE FIRE MARSHAL [04/12]

TITLE (CODE)
CCR, TITLE 24, PART 2.5 (2013 California Residential Code)

LEGEND:

Item numbers refer to those presented to the Code Advisory Committees (CAC)s

(CAC)s:

- ACCESS = Accessibility
- BFO = Building, Fire & Other
- HF = Health Facilities
- PEME = Plumbing, Electrical, Mechanical, and Energy
- SDLF = Structural Design/Lateral Forces
- GB = Green Building

Actions:

- AA = Approve as amended
- AS = Approve as submitted
- D = Disapprove
- FS = Further Study
- W/D = Withdrawn by agency

Amendments, if indicated by agency:

- S = Statutory
- E = Existing
- N = New

Matrix Paper Color (Used for Comm. Action):

- GREEN = uncontested items
- YELLOW = challenged items
- SALMON = W/D, no action required

2013 CYCLE BFO CODE ADVISORY COMMITTEE SFM

NOTE OF EXPLANATION:

For the **2012 Triennial Code Adoption Cycle**, the Express Terms are displayed as follows:

****PART 1**** Includes the California Amendments SFM proposes to bring forward from the 2010 California Residential Code with changes as shown, and also identifies the model code standards from the 2012 International Residential Code SFM proposes for adoption into the 2013 California Residential Code.

****PART 2**** Displays the standards SFM proposes to bring forward from the 2010 California Residential Code without change, except for nonsubstantive editorial corrections, for adoption into the 2013 California Residential Code; the text is provided for context and the convenience of the code user.

SFM PROPOSES TO:

****PART 1****

1. Bring forward existing California Amendments from the 2010 California Residential Code for adoption into the 2013 California Residential Code with amendment.
2. Adopt standards from the 2012 International Residential Code into the 2013 California Residential Code without amendment.
3. Adopt standards from the 2012 International Residential Code into the 2013 California Residential Code with amendment.
4. Repeal 2010 California Amendments, which are not brought forward into the 2013 Residential Code.

****PART 2****

1. Bring forward existing California Amendments from the 2010 California Residential Code for adoption into the 2013 California Residential Code without amendment, except for editorial corrections.

Part I — Administrative

ITEM #1 - CHAPTER 1 - SCOPE AND ADMINISTRATION - DIVISION I - CALIFORNIA ADMINISTRATION – Office of the State Fire Marshal (SFM)

The SFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.1 with modification in Sections listed below

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-1-1	Section 1.1.1 – Title Section 1.1.3 – Scope Section 1.1.3 -- – Exceptions 1.1.11 Format & Note:	E	AS	A		Change Date as indicated 2009 2012. Add language - <u>efficiency dwelling unit, and</u> Add language – #1 & 2. <u>Owner-occupied...</u> Section R313 -- Strike and add language as indicated	

ITEM #2 - CHAPTER 1 - DIVISION II - ADMINISTRATION – Office of the State Fire Marshal (SFM)

Division II is not adopted by the Department of Housing and Community Development or the State Fire Marshal except where specifically ~~identified~~ indicated in the Matrix Adoption Table

IRC Chapter 1 Administrative provisions - Sections R101 through R114 relocated to Division II of Chapter 1

(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-2-1	Sections R104.2 – R104.4, R104.9 – R104.9.1, R105.1 , R105.2.1 - R105.2.2, R105.3 - R105.3.1, R105.4, R105.6, R105.7, R106 – R106.5, R107 – R107.4, R109.1, R109.1.4 - R109.1.6, R109.3.8 – R109.3.10, R109.2 - R109.4, R110 – R110.5, R111 – R111.3, R113 – R113.2 and R114 – R114.3	E	AS	A		The SFM proposes to only adopt Sections contained in CHAPTER 1 - DIVISION II as shown under Code Section column and where specifically indicated in the Matrix Adoption Table (not included in this CAC Matrix Table)	

ITEM #3 - Part II—Definitions

CHAPTER 2 – DEFINITIONS

The SFM proposes to only adopt Sections R201 – R201.4 and specific definitions shown below contained in Chapter 2 (See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBCS Action (AS, AA, D, FS)
SFM-4/12-3-1	Sections R201 – R201.4	E	AS	A		Adopt Sections un-amended	
SFM-4/12-3-2	Section R202 – The SFM proposes to adopt only those definitions shown under the Annotations Column	E	AS	A		ACCESSORY STRUCTURE ADDITION ALTERATION APPROVED ATTIC ATTIC, HABITABLE BASEMENT BUILDING BUILDING OFFICIAL BUILT-UP ROOF COVERING CEILING HEIGHT CLOSET COMBUSTIBLE MATERIAL CONSTRUCTION DOCUMENTS DESIGN PROFESSIONAL DRAFT STOP DWELLING DWELLING UNIT EMERGENCY ESCAPE AND RESCUE OPENING EXTERIOR WALL FIREBLOCKING FIRE-RETARDANT-TREATED WOOD FIRE SEPARATION DISTANCE FLAME SPREAD FLAME SPREAD INDEX GRADE GRADE FLOOR OPENING GRADE PLANE HABITABLE SPACE HANDRAIL HAZARDOUS LOCATION HEIGHT, BUILDING HEIGHT, STORY IGNITION SOURCE LABEL LABELED	

						LISTED LIVING SPACE LOT LOT LINE MARK METAL ROOF PANEL METAL ROOF SHINGLE MEZZANINE, LOFT MULTIPLE STATION SMOKE ALARM OCCUPIED SPACE. OWNER PUBLIC WAY RAMP REPAIR REROOFING ROOF ASSEMBLY ROOF COVERING ROOF COVERING SYSTEM ROOF DECK ROOF RECOVER ROOF REPAIR ROOFTOP STRUCTURE SHALL SINGLE STATION SMOKE ALARM SMOKE-DEVELOPED INDEX STAIR STAIRWAY STORY STORY ABOVE GRADE PLANE STRUCTURE TOWNHOUSE	
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ITEM #4 - Part III—Building Planning and Construction

CHAPTER 3 - BUILDING PLANNING

The SFM proposes to only adopt only those Sections indicated below and contained in Chapter 3
(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-4-1	Sections R302.1 – R302.13, R303.6 – R306.1, R308.3 – R308.4, R309.5, R310 – R310.4,	E	AS	A			

R311 – R311.8.3.3, R312 – R312.4, R313 – R313.3.8.2, R314 – R314.6.3, R316.3 – R316.4, R316.5.8 – R316.5.11, R319, R325 – R325.9, R326 – R326.8, R327 – R327.10.2, and R328 – R328.4						
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ITEM #5 - Part III—Building Planning and Construction
CHAPTER 3 - BUILDING PLANNING

[The SFM proposes to adopt Section R302.1, Table R302.1(2) and Section 309.5 contained in Chapter 3 and maintain the following existing amendments and California regulations with modification.]

(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-5-1	Section R302.1, Table R302.1(2)	E	AS	A		The SFM proposes to adopt Section R302.1, Table R302.1(2) and Section 309.5 contained in Chapter 3 and maintain the following existing amendments and California regulations with modification	
SFM-4/12-5-2	Section R302.5.2		AS	A		Duct penetration – add language as indicated Comment at CAC from AMCA. See SFM's final statement of reasons for agency response.	

ITEM #6 - Part III—Building Planning and Construction
CHAPTER 3 - BUILDING PLANNING

[The SFM proposes to adopt Sections R302.5.1 and R302.9.4 contained in Chapter 3 and maintain the following existing amendments and California regulations with modification.]

(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-6-1	Sections R302.5.1 w/ Exception and R302.9.4	E	AS	A		The SFM proposes to adopt Sections R302.5.1 and R302.9.4 contained in Chapter 3 and maintain the following existing amendments and California regulations with modification – Strike and add	

						language as indicated	
SFM-4/12-6-2	Section 309.5	E	AS	A		The SFM proposes to adopt Section 309.5 contained in Chapter 3 and maintain the following existing amendments and California regulations with modification	
SFM-4/12-6-3	Section R309.6	E	AS	A		Editorial restructuring of existing section	
SFM-4/12-6-4	Section R313.3.5.3, R313.3.5.3.4	N	AS	A		Add new section as indicated. Relocates provisions of the non-adopted plumbing code chapter to the fire sprinkler provisions relating backflow	

ITEM #7 - Part III—Building Planning and Construction

CHAPTER 3 - BUILDING PLANNING

[The SFM proposes to adopt Sections R314.3 contained in Chapter 3 with the following amendments and California regulations.]

(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-7-1	Section R314.3 - Location	E	AS	A		Add language as indicated - See Section 907.2.11.5 for specific location requirements	
SFM-4/12-7-2	Section R314.3.6 Specific location requirements	N	AS	A		Add new section as indicated	
SFM-4/12-7-3	Section 314.3.2, R314.3.3	N	AS	A		Add new Section as indicated derived from and extracted NFPA 72.	

ITEM #8 - Part III—Building Planning and Construction

CHAPTER 3 - BUILDING PLANNING

[The SFM proposes to amend, modify or adopt new building standards relating to solar photovoltaic Npanel(s) or systems into new Section R311.]

(See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-8-1	<u>SECTION R331 SOLAR PHOTOVOLTAIC PANELS/MODULES</u>	N	AS	A	Ajay Friesen Sun Power Corp. Recommended: AA	Add new Section IFC 605.11 reproduced See SFM's final statement of reasons for agency response.	

ITEM #9
CHAPTER 4
FOUNDATIONS
The SFM proposes to not adopt Chapter 4

ITEM #10 - CHAPTER 5 – FLOORS

[The SFM proposes to only adopt Section R501.3 contained in Chapter 5 with editorial modification]

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-10-1	Section R501.3. - Fire protection of floors w/ Exceptions:	E	AS	A		Exception - 1. Floor assemblies located directly over a space protected by an automatic sprinkler system in accordance with Section P2904R313...	

**ITEM #11
CHAPTER 6
WALL CONSTRUCTION**

**CHAPTER 7
WALL COVERING**

The SFM proposes to not adopt Chapters 6 and 7

**ITEM #12
CHAPTER 8
ROOF-CEILING CONSTRUCTION**

The SFM proposes to only adopt Sections R802.1.3 – R802.1.3.8 contained in Chapter 8

ITEM #13 - CHAPTER 9 - ROOF ASSEMBLIES

[The SFM proposes to only adopt Sections R901.1, R902.1 – R902.2 and R904.1 – R904...4, R908 and new Section R908 contained in Chapter 9 with the following amendments and building strds.]
 (See item 19 for existing SFM amendments and California regulations that are brought forward without modification.)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-13-1	Section R902.1 Roofing covering materials w / Exceptions:	E	AS	A		4. (Derived from S19-12 for IBC 1505.1)	
SFM-4/12-13-3	<u>SECTION R908</u>	N	AS	A		<u>SOLAR PHOTOVOLTAIC PANELS/MODULES</u>	
SFM-4/12-13-4	Section <u>R908.1</u> Photovoltaic systems	N	AS	A		(IBC/CBC 1509.7)	
SFM-4/12-13-5	Section <u>R908.1.3</u> Fire classification w / Exceptions::	N	AS	A		(IBC/CBC 1509.7.2) & (S19-12) <u>1. (S55-12) 2. (S57-12), 3. (S57-12)</u>	
SFM-4/12-13-6	Section <u>R908.1.4</u> Installation	N	AS	A		<u>Rooftop mounted photovoltaic systems shall be installed in accordance with the manufacturer's installation instructions.</u>	
SFM-4/12-13-7	Section <u>R908.1.5</u> Photovoltaic panels and modules		AS	A		(IBC/CBC 1509.7.4)	
SFM-4/12-13-8	Section <u>R908.1.6</u> - Fire safety provisions for photovoltaic panels/modules	N	AS	A		(IBC/CBC 1511.1)	

**ITEM #14
 CHAPTER 10
 CHIMNEYS AND FIREPLACES**

The SFM proposes to only adopt Section R1003.9.1 contained in Chapter 10

ITEM #15

Part IV—Energy Conservation
CHAPTER 11
ENERGY EFFICIENCY

Part V—Mechanical
CHAPTER 12
MECHANICAL ADMINISTRATION

CHAPTER 13
GENERAL MECHANICAL SYSTEM REQUIREMENTS

CHAPTER 14
HEATING AND COOLING EQUIPMENT

CHAPTER 15
EXHAUST SYSTEMS

CHAPTER 16
DUCT SYSTEMS

CHAPTER 17
COMBUSTION AIR

CHAPTER 18
CHIMNEYS AND VENTS

CHAPTER 19
SPECIAL FUEL-BURNING EQUIPMENT

CHAPTER 20
BOILERS AND WATER HEATERS

CHAPTER 21
HYDRONIC PIPING

CHAPTER 22
SPECIAL PIPING AND STORAGE SYSTEMS

CHAPTER 23
SOLAR SYSTEMS

Part VI—Fuel Gas
CHAPTER 24 FUEL GAS

Part VII—Plumbing

**CHAPTER 25
PLUMBING ADMINISTRATION**

**CHAPTER 26
GENERAL PLUMBING REQUIREMENTS**

**CHAPTER 27
PLUMBING FIXTURES**

**CHAPTER 28
WATER HEATERS**

**CHAPTER 29
WATER SUPPLY AND DISTRIBUTION**

The provisions of Section P2902.5.4, P2902.5.4.1 and P2904 relocated to Section R313.3.

**CHAPTER 30
SANITARY DRAINAGE**

**CHAPTER 31
VENTS**

**CHAPTER 32
TRAPS**

**CHAPTER 33
STORM DRAINAGE**

**Part VIII—Electrical
CHAPTER 34
GENERAL REQUIREMENTS**

**CHAPTER 35
ELECTRICAL DEFINITIONS**

**CHAPTER 36
SERVICES**

**CHAPTER 37
BRANCH CIRCUIT AND FEEDER REQUIREMENTS**

**CHAPTER 38
WIRING METHODS**

CHAPTER 39

POWER AND LIGHTING DISTRIBUTION

**CHAPTER 40
DEVICES AND LUMINAIRES**

**CHAPTER 41
APPLIANCE INSTALLATION**

**CHAPTER 42
SWIMMING POOLS**

**CHAPTER 43
CLASS 2 REMOTE-CONTROL, SIGNALING AND POWER-LIMITED CIRCUITS**

The SFM proposes to not adopt Chapters 11 through 43

ITEM #16 - CHAPTER 44 - REFERENCED STANDARDS

[The SFM proposes to only adopt Section R501.3 contained in Chapter 5 with editorial modification]

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM-4/12-16-1	NFPA Standards 13— 40 13 13D— 40 13 72— 44 13 211— 40 13 259— 08 13 275— 09 13 286—11 501— 40 13 720— 09 12	E	AS	A		Update NFPA standards to latest edition	

**ITEM #17
APPENDIX A**

SIZING AND CAPACITIES OF GAS PIPING

APPENDIX B

SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS

APPENDIX C

EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT VENT VENTING SYSTEMS

**APPENDIX D
RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION**

**APPENDIX E
MANUFACTURED HOUSING USED AS DWELLINGS**

**APPENDIX F
RADON CONTROL METHODS**

**APPENDIX G
SWIMMING POOLS, SPAS AND HOT TUBS**

**APPENDIX H
PATIO COVERS**

**APPENDIX I
PRIVATE SEWAGE DISPOSAL**

**APPENDIX J
EXISTING BUILDINGS AND STRUCTURES**

**APPENDIX K
SOUND TRANSMISSION**

**APPENDIX L
PERMIT FEES**

The SFM proposes to not adopt Appendices A through L

**ITEM #18
APPENDIX M**

****PART 2****

ITEM # 19 - SECTION 1.1 - GENERAL

[The SFM proposes to bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2010 California Residential Code. Furthermore, the SFM proposes to codify non-substantive editorial and formatting amendments from the format based upon the 2009 International Residential Code to the format of the 2012 International Residential]

CHAPTER 1

SCOPE AND APPLICATION DIVISION I CALIFORNIA ADMINISTRATION

DIVISION II ADMINISTRATION

DIVISION II - ADMINISTRATION

[Division II is not adopted by the Department of Housing and Community Development or the State Fire Marshal except where specifically indicated in the Matrix Adoption Table]

CHAPTER 2 - DEFINITIONS

[Move forward to 2013 edition of Residential Code and make editorial amendments as indicated]

DIVISION II - ADMINISTRATION

[Division II is not adopted by the Department of Housing and Community Development or the State Fire Marshal except where specifically indicated in the Matrix Adoption Table]

CHAPTER 3 – BUILDING PLANNING

[Move forward to 2013 edition of Residential Code and make editorial amendments as indicated]

CHAPTER 9 – ROOF ASSEMBLIES

[Move forward to 2013 edition of Residential Code and make editorial amendments as indicated]

CHAPTER 10 – CHIMNEYS AND FIREPLACES

[Move forward to 2013 edition of Residential Code and make editorial amendments as indicated]

CHAPTER 44 – REFERENCED STANDARDS

[Move forward to 2013 edition of Residential Code and make editorial amendments as indicated]

APPENDIX M

See Health and Safety Code Sections 1597.45, 1597.46, 1597.54 and 13143 regarding small family day-care homes and large family day-care homes. Provisions for day-care facilities shall be in accordance with Section 1.1.3.1 for classification, R326 for large family day-care, R325 for Group R-3.1 or the California Building Code. This appendix is not applicable in California.