

	Current FMC Requirement	Proposed FMC Requirement
CFC Code Section		
503.2 - EV Access Road Widths		Adopt Appendix D of 2025 CFC
503.2.1 Major and Primary drive aisles	27 ft wide, 13.5 ft high	20 ft wide, 13.5 tall clear unobstructed width
503.2.1.1 R-3 Subdivisions	24 ft wide with parking requirements	20 ft wide, 13.5 tall clear unobstructed width
503.2.1.2 - EV Access Roads	20 ft wide	20 ft wide, 13.5 tall clear unobstructed width
503.2.4 - Turning Radius	25 ft inside, 50 ft. outside	25 ft inside, 50 ft. outside
503.2.5.1 - Dead End Lengths	500 ft	Up to 750 ft with turnarounds at every 150 ft per Appendix D, over 750 ft shall be approved by fire code official
503.2.7 - Fire Access Road Grade	12.5%, unless directly fronts a 2-story or taller bldg, then 9%	10% and up to 12.5% to accommodate natural grade, over 10% shall be approved by fire code official
503.2.8 - Angle of Approach	12.5% for approach and departure	12.5% unless approved by fire code official
503.2.9 - Center Median Islands	min. 13.5 ft min width (12 ft for subdivisions)	min. 13.5 ft width
504 - Access to Building Openings and Roofs		
504.1.1 - Required Access walkways	min. 5 ft access walkway except for trash cans	clear access to rear yard by alley or via 5 ft path
903.3.5.3 - Passive Purge System	looped system and passive purge to all toilets	looped, passive purge to further toilet at each floor, dead arm maximum 6 ft
903.5.1 - Water Supply Test		Adopt Table for FPA Residential Areas based on Utilities modelling
1032.7.1 - Emergency egress from 2-3 story buildings	min. 5x5 and 5x7.5 deep for 2-3	See item 7 below for location based on height
1032.7.2 - Emergency egress from 4-story bldgs	roadway 15-27 ft away from egress windows	See item 7 below for location based on height
1205.6 - Remote electrical disconnect	within 5 ft of main panel, see exceptions	within 10 ft and within view of panel to match SMUD requirement

7. Fire apparatus access roads for aerial fire apparatus shall be provided for all buildings exceeding 30 feet in height. Aerial apparatus access roads shall be provided on at least 2 intersecting building sides. Overhead utility and power lines shall not be located over aerial apparatus access roads or between the access road and the building. The unobstructed width of aerial apparatus roads shall not be less than 26 feet. Aerial apparatus access roads shall be located in relation to buildings as follows: (CFC 503.1.1)

- a. Buildings up to 40-ft in height, located a minimum of 14-feet from building
- b. Buildings 41 to 50-ft in height, located a minimum of 20-feet from building
- c. Buildings 51 to 60-ft in height, located a minimum of 27-feet from building
- d. Buildings 61-ft in height and greater, located at 33-feet from building
- e. At no point shall aerial apparatus access roads be located more than 33-ft from the building.

For the purposes of this section, building height shall be determined by the measurement to the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greater.