

Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5

These regulations have been prepared and adopted for the purpose of establishing minimum wildfire protection standards in conjunction with building, construction and development in SRA. These regulations shall become effective September 1, 1991.

These measures shall provide for:

- ▶ Emergency access
- ▶ Signing and building numbering;
- ▶ Private water supply reserves for emergency fire use
- ▶ Vegetation modification

Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5
(continued)

These regulations apply to new construction and development in State Responsibility Area (SRA) in California. These regulations are not retroactive to existing structures and facilities, unless a new use or occupancy is applied for.

- ▶ Creation of NEW PARCELS (except for lot line adjustments)
- ▶ Building Permit for New Construction
- ▶ Siting of Mobile Homes and Manufactured Homes

Roads for agricultural or mining use on one ownership, roads used solely for managing or harvesting wood products, or roads required as a condition of a parcel map approved prior to the effective date of these regulations are exempted.

Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5
(continued)

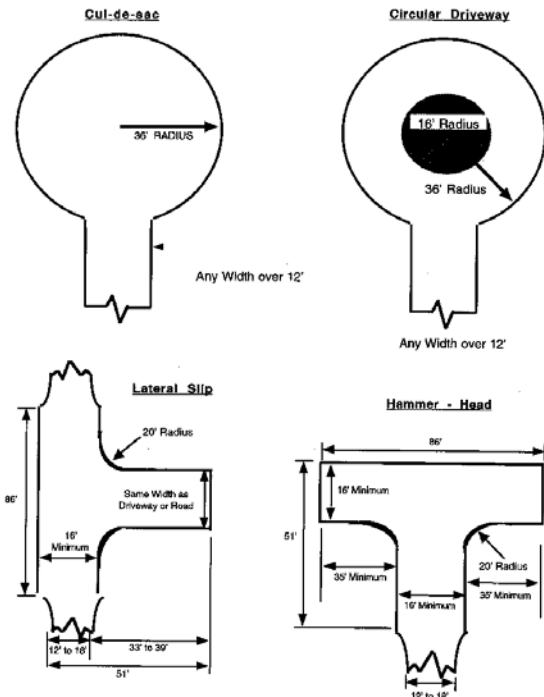
Road Standards

- ❖ Two nine foot traffic lanes (18 foot wide road surface)
- ❖ A minimum 40,000 pound load capacity (California Vehicle Code)
- ❖ A maximum grade of 16%
- ❖ A minimum inside curve radius of 50 feet
- ❖ Turnarounds shall be a minimum of 40 foot radius, a hammerhead-T may apply
- ❖ Turnouts shall be a minimum 10 feet wide and 30 feet long with a 25 foot taper at each end
- ❖ Turnouts shall be constructed every 400 feet.
- ❖ One-way roads shall be a minimum 10 feet wide, serving a maximum of 10 dwelling units and not exceed 2,640 feet in cumulative length.



Fire Chiefs Association of Santa Cruz County
FIRE PREVENTION OFFICERS SECTION

FIRE PREVENTION STANDARDS	DATE: 06/06/02	NUMBER: FP0-015
	APPROVED: M. Biddle SCO	REVISED:
	TITLE: Turnarounds (outside Urban Service Line)	



ALL CONFIGURATIONS SHALL BE UNOBSTRUCTED (NO PARKING) AND ALL MINIMUM DISTANCES AND WIDTHS SHALL BE MAINTAINED

County and local codes must meet or exceed State standards



Public Resources Code 4291

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(continued)

Dead-end roads shall not exceed the following lengths:

- ▶ 800 feet for parcels zoned for less than 1 acre
- ▶ 1,320 feet for parcels zoned for 1 acre to 4.99 acres
- ▶ 2,640 feet for parcels zoned 5 to 19.99 acres
- ▶ 5,280 feet for parcels zoned for 20 acres or larger

Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5
(continued)

Driveway Standards

- ▶ Minimum 10 feet wide
- ▶ A minimum of 15 feet vertical clearance
- ▶ A maximum grade of 16%
- ▶ A minimum inside curve radius of 50 feet
- ▶ Turnarounds are required at building sites for driveways longer than 300 feet.

Gate Standard

- ▶ Gate openings shall be at least 2 feet wider than the road surface and shall be located at least 30 feet, *plus the length of the swing of the gate*, from the intersecting roadway.

Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5
(continued)

Minimum 10 feet wide



Minimum 15 feet vertical clearance



Public Resources Code 4291

Title 14 Code of California Regulations: Division 1.5, Chapter 7, Subchapter 2, Articles 1-5
(continued)

FAIL

FIREScope CALIFORNIA

Type 1 Engine Access?

Address or Location

Water Source? define below

Defensible Space? 100 Feet

Civilians Present?

Special Notes or Hazards:
NO ADDRESS FOUND

Date 9/27/16 Resource ID E1560

Time 13:16

The final decision to defend a structure is always up to the assigned resource

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ICS 231
Placards
taken from
driveways
AFTER
a recent
WUI fire

PASS!

FIREScope CALIFORNIA

Type 1 Engine Access?

Address or Location

Water Source? define below

Defensible Space? 100 Feet

Civilians Present?

Special Notes or Hazards:
WATER TANK
LIVESTOCK
SOLAR PANELS ON HILLSIDE
WOOD SIDING/COMP. ROOF

Date 9/27/16 Resource ID E1560

Time 22:58

The final decision to defend a structure is always up to the assigned resource

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