

**State of California  
Office of Administrative Law**

**In re:**  
**Board of Forestry and Fire Protection**

**Regulatory Action:**

**Title 14, California Code of Regulations**

**Adopt sections:** 1276.04  
**Amend sections:** 1270 amended and  
renumbered as 1270.00;  
1270.01; 1270.03; 1270.04;  
1270.05; 1270.06; 1271.00;  
1273.00; 1273.01; 1273.02;  
1273.03; 1273.04; 1273.05;  
1273.06; 1273.07; 1273.08;  
1273.09; 1274.00; 1274.01;  
1274.02; 1274.03; 1274.04;  
1275.00; 1275.01; 1275.10  
amended and renumbered  
as 1275.02; 1275.15  
amended and renumbered  
as 1275.03; 1275.20  
amended and renumbered  
as 1275.04; 1276.00;  
1276.01; 1276.02; 1276.03  
**Repeal sections:** 1270.07; 1270.08; 1270.09;  
1271.05; 1272.00; 1273.10;  
1273.11; 1274.05; 1274.06;  
1274.07; 1274.08; 1274.09;  
1274.10

**NOTICE OF APPROVAL OF REGULATORY  
ACTION**

**Government Code Section 11349.3**

**OAL Matter Number: 2019-0725-02**

**OAL Matter Type: Regular (S)**

**RECEIVED BY**

SEP 09 2019

**BOARD OF FORESTRY AND FIRE PROTECTION**

This action amends and reorganizes regulations which set standards for future design and construction of structures, subdivisions, and developments in State Responsibility Areas to ensure basic emergency access and perimeter wildfire protection, signage, building numbering, private water supply reserves, and vegetation modification. The purposes of the amendments and reorganization include addressing inconsistencies and conflicts within and between codes and regulations, addressing the needs of fire apparatus and civilian vehicles during wildfire emergencies, and clarifying the applicability, enforcement, and implementation of the regulations for the regulated public.

OAL approves this regulatory action pursuant to section 11349.3 of the Government Code. This regulatory action becomes effective on 1/1/2020.

Date: September 6, 2019



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Dale P. Mentink  
Senior Attorney

For: Kenneth J. Pogue  
Director

Original: Matt Dias, Executive Officer  
Copy: Edith Hannigan

1 **SRA FIRE SAFE REGULATIONS, 2020**

2 **14 CCR, Division 1.5, Chapter 7 Fire Protection, Subchapter 2, Articles 1-5.**

3 **SRA Fire Safe Regulations**

4  
5 1270.00 Title

6 These regulations shall be known as the "SRA Fire Safe  
7 Regulations," and shall constitute the basic wildfire ~~land fire~~  
8 protection standards of the California Board of Forestry and  
9 Fire Protection.

10 Note: Authority cited: Section 4290, Public Resources Code.

11 Reference: Sections 4102, 4126, 4127 and 4290, Public Resources  
12 Code.

13  
14 1270.01 Purpose

15 (a) These regulations have been prepared and adopted for the  
16 purpose of establishing minimum wildfire protection standards in  
17 conjunction with building, construction and development in the  
18 State Responsibility Area (SRA).

19 ~~(b) A local jurisdiction may petition the Board for~~  
20 ~~certification pursuant to section 1270.03. Where Board~~  
21 ~~certification has not been granted, these regulations shall~~  
22 ~~become effective September 1, 1991. The future design and~~  
23 ~~construction of structures, subdivisions and developments in the~~  
24 ~~State Responsibility Area (SRA) shall provide for basic~~

1 emergency access and perimeter wildfire protection measures as  
2 specified in the following articles.

3 (c) These measures shall provide for emergency access; signing  
4 and building numbering; private water supply reserves for  
5 emergency fire use; and vegetation modification. The fire  
6 protection standards which follow shall specify the minimums for  
7 such measures.

8 Note: Authority cited: Section 4290, Public Resources Code.

9 Reference: Sections 4290 and 4291, Public Resources Code.

10  
11 1270.02 Scope

12 (a) These regulations shall apply to:

13 (1) the perimeters and access to all residential, commercial,  
14 and industrial building construction within the SRA approved  
15 after January 1, 1991 except as set forth below in subsection

16 (b.);

17 (2) the siting of newly installed commercial modulars,  
18 manufactured homes, mobilehomes, and factory-built housing, as  
19 defined in Health and Safety Code sections 18001.8, 18007,  
20 18008, and 19971;

21 (23) all tentative and parcel maps or other developments  
22 approved after January 1, 1991; and

23 (43) applications for building permits on a parcel approved in a  
24 pre-1991 parcel or tentative map to the extent that conditions  
25

1 relating to the perimeters and access to the buildings were not  
2 imposed as part of the approval of the parcel or tentative map.

3 (b) These regulations do not apply where an application for a  
4 building permit is filed after January 1, 1991 for building  
5 construction on a parcel that was formed from a parcel map or  
6 tentative map (if the final map for the tentative map is  
7 approved within the time prescribed by the local ordinance)  
8 approved prior to January 1, 1991, to the extent that conditions  
9 relating to the perimeters and access to the buildings were  
10 imposed by the parcel map or final tentative map approved prior  
11 to January 1, 1991.

12 (c) Affected activities include, but are not limited to:

13 (1) permitting or approval of new parcels, excluding lot line  
14 adjustments as specified in Government Code (GC) section  
15 66412(d)7i

16 (2) application for a building permit for new construction, not  
17 relating to an existing structure7i

18 (3) application for a use permit7i

19 ~~(4) the siting of manufactured homes (manufactured homes are as~~  
20 ~~defined by the National Fire Protection Association, National~~  
21 ~~Fire Code, section 501A, Standard for Fire Safety Criteria for~~  
22 ~~Manufactured Home Installations, Sites and Communities, chapter~~  
23 ~~1, section 1 2, Definitions, page 4, 1987 edition and Health and~~  
24 ~~Safety Code sections 18007, 18008, and 19971).~~

1 (~~54~~) road construction, including construction of a road that  
2 does not currently exist, or extension of an existing road.

3 (d) EXEMPTION: Roads used solely for agricultural, ~~or~~ mining,  
4 ~~use and or roads used solely for~~ the management and harvesting  
5 of wood products.

6 Note: Authority cited: Section 4290, Public Resources Code.

7 Reference: Sections 4290 and 4291, Public Resources Code.

8  
9 1270.03 ~~Local Ordinances~~ Provisions for Application of These  
10 Regulations

11 This subchapter shall be applied as follows:

12 (a) the local jurisdictions shall provide the Director of the  
13 California Department of Forestry and Fire Protection (CAL FIRE)  
14 or their designee with notice of applications for building  
15 permits, tentative parcel maps, tentative maps, and installation  
16 or use permits for construction or development within the SRA.

17 (b) the Director or their designee may review and make fire  
18 protection recommendations on applicable construction or  
19 development permits or maps provided by the local jurisdiction.

20 (c) the local jurisdiction shall ensure that the applicable  
21 sections of this subchapter become a condition of approval of  
22 any applicable construction or development permit or map.

23 ~~Nothing contained in these regulations shall be considered as~~  
24 ~~abrogating the provisions of any ordinance, rule or regulation~~  
25 ~~of any state or local jurisdiction providing such ordinance,~~

1 ~~rule, regulation or general plan element is equal to or more~~  
2 ~~stringent than these minimum standards. The Board may certify~~  
3 ~~local ordinances as equaling or exceeding these regulations when~~  
4 ~~they provide the same practical effect. The Board's~~  
5 ~~certification of local ordinances pursuant to this section is~~  
6 ~~rendered invalid when previously certified ordinances are~~  
7 ~~subsequently amended by local jurisdictions without Board re-~~  
8 ~~certification of the amended ordinances. The Board's regulations~~  
9 ~~supersede the amended local ordinance(s) when the amended local~~  
10 ~~ordinance(s) are not re-certified by the Board. Amendments made~~  
11 ~~by local jurisdictions to previously certified ordinances shall~~  
12 ~~be re-certified as described in 14 CCR §§ 1270.01 and 1270.03.~~

13 Note: Authority cited: Sections ~~4111 and 4290~~, Public Resources  
14 Code. Reference: Sections ~~4117~~4290 and ~~4290~~1, Public Resources  
15 Code.

16  
17 ~~1270.04 Provisions for Application of These Regulations~~ Local  
18 Ordinances

19 (a) Nothing contained in these regulations shall be considered  
20 as abrogating the provisions of any ordinance, rule or  
21 regulation of any state or local jurisdiction provided that such  
22 ordinance, rule, regulation or general plan element is equal to  
23 or more stringent than these minimum standards.

1 (b) The Board may certify local ordinances as equaling or  
2 exceeding these regulations when they provide the same practical  
3 effect.

4 (c) Counties may submit their local ordinances for certification  
5 via email to the Board.

6 (d) The Board's certification of local ordinances pursuant to  
7 this section is rendered invalid when previously certified  
8 ordinances are subsequently amended by local jurisdictions  
9 without Board re-certification of the amended ordinances. The  
10 Board's regulations supersede the amended local ordinance(s)  
11 when the amended local ordinance(s) are not re-certified by the  
12 Board. Amendments made by local jurisdictions to previously  
13 certified ordinances shall be submitted for re-certification.

14 ~~This subchapter shall be applied as follows:~~

15 ~~(a) local jurisdictions shall provide the Director with notice~~  
16 ~~of applications for building permits, tentative parcel maps,~~  
17 ~~tentative maps, and use permits for construction or development~~  
18 ~~within SRA.~~

19 ~~(b) the Director may review and make fire protection~~  
20 ~~recommendations on applicable construction or development~~  
21 ~~permits or maps provided by the local jurisdiction.~~

22 ~~(c) the local jurisdiction shall ensure that the applicable~~  
23 ~~sections of this subchapter become a condition of approval of~~  
24 ~~any applicable construction or development permit or map.~~



1 Note: Authority cited: Section 4111 and 4290, Public Resources  
2 Code. Reference: Sections ~~4290~~4117 and ~~42910~~, Public Resources  
3 Code.  
4

5 1270.05 Inspections Authority

6 Inspections shall conform to the following requirements:

7 (a) Inspection shall be made ~~pursuant to section 1270.06~~ by:

8 (1) the Director, or

9 (2) local jurisdictions that have assumed state fire protection  
10 responsibility on SRA lands, or

11 (3) local jurisdictions where ~~these regulations have been~~  
12 ~~incorporated verbatim into that jurisdiction's building permit~~  
13 ~~or subdivision approval process and the inspection duties have~~  
14 ~~been formally delegated by CAL FIRE to the local jurisdiction.~~  
15 ~~or~~

16 ~~(4) local jurisdictions where the local ordinances have been~~  
17 ~~certified pursuant to 14 CCR §§ 1270.01 and 1270.03 and the~~  
18 ~~inspection duties have been formally delegated by CAL FIRE to~~  
19 ~~the local jurisdiction.~~

20 (b) Inspections made under 14 CCR § 1270.05(a)(2) or 14 CCR §

21 1270.05(a)(3) shall occur only when these regulations are

22 incorporated into local ordinance in one of the following

23 manners:  
24  
25

1 (1) these regulations have been incorporated verbatim or by  
2 reference into that jurisdiction's permitting or approval  
3 process for the activities described in 14 CCR § 1270.02; or  
4 (2) the local ordinances have been certified pursuant to 14 CCR  
5 § 1270.04.

6 (bc) Nothing in this section abrogates CAL FIRE's authority to  
7 inspect and enforce state forest and fire laws even when the  
8 inspection duties have been delegated pursuant to this section.

9 (ed) Reports of violations shall be provided to the CAL FIRE  
10 Unit headquarters that administers SRA fire protection in the  
11 local jurisdiction.

12 (e) When inspections are conducted, they shall occur prior to:  
13 the issuance of the use permit or certificate of occupancy; the  
14 recordation of the parcel map or final map; the filing of a  
15 notice of completion; or the final inspection of any project or  
16 building permit.

17 Note: Authority cited: Sections 4111, 4119 and 4290, Public  
18 Resources Code. Reference: Section 4290, Public Resources Code.

19  
20 1270.06—~~Inspections~~ Exceptions to Standards

21 (a) Upon request by the applicant, exceptions to standards  
22 within this subchapter or to local jurisdiction certified  
23 ordinances may be allowed by the inspection entity listed in 14  
24 CCR § 1270.05, where the exceptions provide the same practical  
25 effect as these regulations towards providing defensible space.

1 Exceptions granted by the inspection entity listed in 14 CCR §  
2 1270.05 shall be made on a case-by-case basis only. Exceptions  
3 granted by the inspection entity listed in 14 CCR § 1270.05  
4 shall be forwarded to the appropriate CAL FIRE Unit Office that  
5 administers SRA fire protection in that county and shall be  
6 retained on file at the Unit Office.

7 (b) Requests for an exception shall be made in writing to the  
8 inspection entity listed in 14 CCR § 1270.05 by the applicant or  
9 the applicant's authorized representative. At a minimum, the  
10 request shall state the specific section(s) for which an  
11 exception is requested, material facts supporting the contention  
12 of the applicant, the details of the exception proposed, and a  
13 map showing the proposed location and siting of the exception.

14 Local jurisdictions listed in 14 CCR section 1270.05 may  
15 establish additional procedures or requirements for exception  
16 requests.

17 (c) Where an exception is not granted by the inspection entity,  
18 the applicant may appeal such denial to the local jurisdiction.  
19 The local jurisdiction may establish or utilize an appeal  
20 process consistent with existing local building or planning  
21 department appeal processes.

22 (d) Before the local jurisdiction makes a determination on an  
23 appeal, the inspection authority shall be consulted and shall  
24 provide to that local jurisdiction documentation outlining the  
25 effects of the requested exception on wildfire protection.

1 (e) If an appeal is granted, the local jurisdiction shall make  
2 findings that the decision meets the intent of providing  
3 defensible space consistent with these regulations. Such  
4 findings shall include a statement of reasons for the decision.  
5 A written copy of these findings shall be provided to the CAL  
6 FIRE Unit headquarters that administers SRA fire protection in  
7 that local jurisdiction.

8 ~~The inspection entity listed in 14 CCR 1270.05 may inspect for~~  
9 ~~compliance with these regulations. When inspections are~~  
10 ~~conducted, they should occur prior to: the issuance of the use~~  
11 ~~permit; certificate of occupancy; the recordation of the parcel~~  
12 ~~map or final map; the filing of a notice of completion; or the~~  
13 ~~final inspection of any project or building permit.~~

14 Note: Authority cited: Section 4290, Public Resources Code.

15 Reference: Sections 4290 and 4291, Public Resources Code.

16  
17 ~~1270.07. Exceptions to Standards.~~

18 ~~Upon request by the applicant, exceptions to standards within~~  
19 ~~this subchapter or local jurisdiction certified ordinances may~~  
20 ~~be allowed by the inspection entity listed in 14 CCR 1270.05,~~  
21 ~~where the exceptions provide the same overall practical effect~~  
22 ~~as these regulations towards providing defensible space.~~

23 ~~Exceptions granted by the inspection entity listed in 14 CCR~~  
24 ~~1270.05 shall be made on a case-by-case basis only. Exceptions~~  
25 ~~granted by the inspection entity listed in 14 CCR 1270.05 shall~~

1 ~~be forwarded to the appropriate CAL FIRE Unit Office that~~  
2 ~~administers SRA fire protection in that county and shall be~~  
3 ~~retained on file at the Unit Office.~~

4 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

5 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

#### 6 7 ~~1270.08 Requests for Exceptions~~

8 ~~Requests for an exception shall be made in writing to the~~  
9 ~~inspection entity listed in 14 CCR 1270.05 by the applicant or~~  
10 ~~the applicant's authorized representative. The request shall~~  
11 ~~state the specific section(s) for which an exception is~~  
12 ~~requested, material facts supporting the contention of the~~  
13 ~~applicant, the details of the exception proposed, and a map~~  
14 ~~showing the proposed location and siting of the exception.~~

15 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

16 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

#### 17 18 ~~1270.09 Appeals~~

19 ~~Where an exception is not granted by the inspection entity, the~~  
20 ~~applicant may appeal such denial to the local jurisdiction. The~~  
21 ~~local jurisdiction may establish or utilize an appeal process~~  
22 ~~consistent with existing local building or planning department~~  
23 ~~appeal processes.~~

24 ~~Before the local jurisdiction makes a determination on an~~  
25 ~~appeal, the inspection authority shall be consulted and shall~~

1 ~~provide to that local jurisdiction documentation outlining the~~  
2 ~~effects of the requested exception on wildland fire protection.~~

3 ~~If an appeal is granted, the local jurisdiction shall make~~  
4 ~~findings that the decision meets the intent of providing~~  
5 ~~defensible space consistent with these regulations. Such~~  
6 ~~findings shall include a statement of reasons for the decision.~~

7 ~~A written copy of these findings shall be provided to the CAL~~  
8 ~~FIRE Unit headquarters that administers SRA fire protection in~~  
9 ~~that local jurisdiction.~~

10 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

11 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

12  
13 1271.00 Definitions

14 ~~Accessory building: Any building used as an accessory to~~  
15 ~~residential, commercial, recreational, industrial, or~~  
16 ~~educational purposes as defined in the California Building Code,~~  
17 ~~1989 Amendments, chapter 11, group M, division 1, Occupancy that~~  
18 ~~requires a building permit.~~

19 ~~Agriculture: Land used for agricultural purposes as defined in a~~  
20 ~~local jurisdiction's zoning ordinances.~~

21 ~~Building: Any structure used or intended for supporting or~~  
22 ~~sheltering any use or occupancy, except Utility and~~

23 ~~Miscellaneous Group U buildings. that is defined in the~~  
24 ~~California Building Code, 1989 Amendments, chapter 11, except~~  
25 ~~group M, division 1, Occupancy. For the purposes of this~~

1 ~~subchapter, building includes mobile homes and manufactured~~  
2 ~~homes, churches, and day care facilities.~~

3 CDFCAL FIRE: California Department of Forestry and Fire  
4 Protection.

5 Dead-end road: A road that has only one point of vehicular  
6 ingress/egress, including cul-de-sacs and looped roads.

7 Defensible space: The area within the perimeter of a parcel,  
8 development, neighborhood or community where basic wildland fire  
9 protection practices and measures are implemented, providing the  
10 key point of defense from an approaching wildfire or defense  
11 against encroaching wildfires or escaping structure fires. The  
12 perimeter as used in this regulation is the area encompassing  
13 the parcel or parcels proposed for construction and/or  
14 development, excluding the physical structure itself. The area  
15 is characterized by the establishment and maintenance of  
16 emergency vehicle access, emergency water reserves, ~~street~~ road  
17 names and building identification, and fuel modification  
18 measures.

19 Development: As defined in section 66418.1 of the California  
20 Government Code.

21 Director: Director of the Department of Forestry and Fire  
22 Protection or ~~his/her~~ their designee.

23 Driveway: A vehicular access that serves up to two (2) parcels  
24 with no more than two (2) residential units and any number of  
25 non-commercial or industrial buildings on each parcel. ~~no more~~

1 ~~than two buildings, with no more than 3 dwelling units on a~~  
2 ~~single parcel, and any number of accessory buildings.~~

3 Distance Measurements: All specified or referenced distances are  
4 measured along the ground, unless otherwise stated.

5 ~~Dwelling unit: Any building or portion thereof which contains~~  
6 ~~living facilities, including provisions for sleeping, eating,~~  
7 ~~cooking and/or sanitation for not more than one family.~~

8 Exception: An alternative to the specified standard requested by  
9 the applicant that may be necessary due to health, safety,  
10 environmental conditions, physical site limitations or other  
11 limiting conditions, such as recorded historical sites, that  
12 provides mitigation of the problem.

13 Fire valve: see hydrant.

14 Fuel modification area: An area where the volume of flammable  
15 vegetation has been reduced, providing reduced fire intensity  
16 and duration.

17 Greenbelts: A facility or land-use, designed for a use other  
18 than fire protection, which will slow or resist the spread of a  
19 wildfire. Includes parking lots, irrigated or landscaped areas,  
20 golf courses, parks, playgrounds, maintained vineyards, orchards  
21 or annual crops that do not cure in the field.

22 Hammerhead/T: A ~~roadway~~ or driveway that provides a "T" shaped,  
23 three-point turnaround space for emergency equipment, being no  
24 narrower than the road that serves it.



1 Hydrant: A valved connection on a water supply ~~or~~ storage  
2 system, having ~~at least~~ either one two and a half (2 ½) inch or  
3 one four and a half (4 ½) inch outlet, with male American  
4 National Fire Hose Screw Threads (NH), used to supply fire  
5 apparatus and hoses with water.

6 Local Jurisdiction: Any county, city/county agency or  
7 department, or any locally authorized district that issues or  
8 approves building permits, use permits, tentative maps or  
9 tentative parcel maps, or has authority to regulate development  
10 and construction activity.

11 Occupancy: The purpose for which a building, or part thereof, is  
12 used or intended to be used.

13 One-way road: A minimum of one traffic lane width designed for  
14 traffic flow in one direction only.

15 Residential unit: Any building or portion thereof which contains  
16 living facilities, including provisions for sleeping, eating,  
17 cooking and/or sanitation for one or more persons. Manufactured  
18 homes, mobilehomes, and factory-built housing are considered  
19 residential units for the purposes of mandatory measures  
20 required in 14 CCR § 1270.01(c).

21 Roads: , streets, private lanes: Vehicular access to more than  
22 two (2) parcels; more than four (4) residential units; or access  
23 to any industrial or commercial occupancy. Includes public and  
24 private streets and lanes. ~~one parcel; access to any industrial~~  
25

1 ~~or commercial occupancy; or vehicular access to a single parcel~~  
2 ~~with more than two buildings or four or more dwelling units.~~

3 ~~Roadway: Any surface designed, improved, or ordinarily used for~~  
4 ~~vehicle travel.~~

5 ~~Roadway or driveway structures: Bridges, culverts, and other~~  
6 ~~appurtenant structures which supplement the traffic lane roadway~~  
7 ~~bed or shoulders.~~

8 Same Practical Effect: As used in this subchapter, means an  
9 exception or alternative with the capability of applying  
10 accepted wildland fire suppression strategies and tactics, and  
11 provisions for fire fighter safety, including:

- 12 (a) access for emergency wildland fire equipment,  
13 (b) safe civilian evacuation,  
14 (c) signing that avoids delays in emergency equipment response,  
15 (d) available and accessible water to effectively attack  
16 wildfire or defend a structure from wildfire, and  
17 (e) fuel modification sufficient for civilian and fire fighter  
18 safety.

19 ~~Shoulder: Roadbed or surface~~ Vehicular access adjacent to the  
20 traffic lane.

21 State Board of Forestry and Fire Protection (BoardSBOF): As  
22 defined in Public Resources Code section 730. A nine member  
23 ~~board, appointed by the Governor, which is responsible for~~  
24 ~~developing the general forest policy of the state, for~~  
25 ~~determining the guidance policies of the Department of Forestry~~

1 ~~and Fire Protection, and for representing the state's interest~~  
2 ~~in federal land in California.~~

3 State Responsibility Area (SRA): As defined in Public Resources  
4 Code sections 4126-4127; and the California Code of Regulations,  
5 title 14, division 1.5, chapter 7, article 1, sections 1220-  
6 1220.5.

7 Structure: That which is built or constructed, an edifice or  
8 building of any kind, or any piece of work artificially built up  
9 or composed of parts joined together in some definite manner.

10 Subdivision: As defined in section 66424 of the Government Code.

11 Traffic lane: The portion of a roadway or driveway that provides  
12 a single line of vehicle travel.

13 Turnaround: A roadway or driveway, unobstructed by parking,  
14 which allows for a safe opposite change of direction for  
15 emergency equipment. Design of such area may be a hammerhead/T  
16 or terminus bulb.

17 Turnouts: A widening in a roadway or driveway to allow vehicles  
18 to pass.

19 Utility and Miscellaneous Group U building: A structure of an  
20 accessory character or a miscellaneous structure not classified  
21 in any specific occupancy permitted, constructed, equipped, and  
22 maintained to conform to the requirements of Title 24,  
23 California Building Standards Code.

24 Vertical clearance: The minimum specified height of a bridge or  
25 overhead projection above the roadway or driveway.

1 Wildfire: As defined in Public Resources Code Section 4103 and  
2 4104.

3 Note: Authority cited: Section 4290, Public Resources Code.

4 Reference: Sections 4290 and 4291, Public Resources Code.

5  
6 ~~1271.05 Distance Measurements~~

7 ~~All specified or referenced distances are measured along the~~  
8 ~~ground, unless otherwise stated.~~

9 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

10 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

11  
12 ~~1272.00 Maintenance of Defensible Space Measures~~

13 ~~To ensure continued maintenance of properties in conformance~~  
14 ~~with these standards and measures and to assure continued~~  
15 ~~availability, access, and utilization of the defensible space~~  
16 ~~provided for in these standards during a wildfire, provisions~~  
17 ~~for annual maintenance shall be included in the development~~  
18 ~~plans and/or shall be provided as a condition of the permit,~~  
19 ~~parcel or map approval.~~

20 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

21 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

22  
23 1273.00 Intent

24 Roads and driveways, ~~and street networks~~, whether public or  
25 private, unless exempted under section 14 CCR § 1270.02(ed),

1 shall provide for safe access for emergency wildfire ~~and fire~~  
2 equipment and civilian evacuation concurrently, and shall  
3 provide unobstructed traffic circulation during a wildfire  
4 emergency consistent with ~~sections~~ 14 CCR §§ 1273.00 through  
5 1273.0911.

6 Note: Authority cited: Section 4290, Public Resources Code.

7 Reference: Sections 4290 and 4291, Public Resources Code.

8  
9 1273.01 ~~Read~~ Width

10 (a) All roads shall be constructed to provide a minimum of two  
11 ten (10) foot traffic lanes, not including shoulder and  
12 striping. These traffic lanes shall provide for two-way traffic  
13 flow to support emergency vehicle and civilian egress, unless  
14 other standards are provided in this article, or additional  
15 requirements are mandated by local jurisdictions or local  
16 subdivision requirements. Vertical clearances shall conform to  
17 the requirements in California Vehicle Code section 35250.

18 (b) All one-way roads shall be constructed to provide a minimum  
19 of one twelve (12) foot traffic lane, not including shoulders.

20 The local jurisdiction may approve one-way roads.

21 (1) All one-way roads shall, at both ends, connect to a road  
22 with two traffic lanes providing for travel in different  
23 directions, and shall provide access to an area currently zoned  
24 for no more than ten (10) residential units.

1 (2) In no case shall a one-way road exceed 2,640 feet in length.

2 A turnout shall be placed and constructed at approximately the  
3 midpoint of each one-way road.

4 (c) All driveways shall be constructed to provide a minimum of  
5 one (1) ten (10) foot traffic lane, fourteen (14) feet  
6 unobstructed horizontal clearance, and unobstructed vertical  
7 clearance of thirteen feet, six inches (13'6").

8 Note: Authority cited: Section 4290, Public Resources Code.

9 Reference: Sections 4290 and 4291, Public Resources Code.

10  
11 1273.02 Roadway Surfaces

12 (a) Roadways Roads shall be designed and maintained to support  
13 the imposed load of fire apparatus weighing at least 75,000  
14 pounds and provide an aggregate base.

15 (b) Driveways and road and driveway structures shall be designed  
16 and maintained to support at least 40,000 pounds.

17 (c) Project proponent shall provide engineering specifications  
18 to support design, if requested by the local authority having  
19 jurisdiction.

20 Note: Authority cited: Section 4290, Public Resources Code.

21 Reference: Sections 4290 and 4291, Public Resources Code.

22  
23 1273.03 Roadway Grades

24 (a) At no point shall the ~~The~~ grade for all roads, streets,  
25 private lanes and driveways shall not exceed 16 percent.

1 (b) The grade may exceed 16%, not to exceed 20%, with approval  
2 from the local authority having jurisdiction and with  
3 mitigations to provide for same practical effect.

4 Note: Authority cited: Section 4290, Public Resources Code.

5 Reference: Sections 4290 and 4291, Public Resources Code.

6  
7 1273.04 ~~Roadway~~ Radius

8 (a) No road or road structure ~~roadway~~ shall have a horizontal  
9 inside radius of curvature of less than fifty (50) feet. ~~An~~ and  
10 additional surface width of four (4) feet shall be added to  
11 curves of 50-100 feet radius; two (2) feet to those from 100-200  
12 feet.

13 (b) The length of vertical curves in roadways, exclusive of  
14 gutters, ditches, and drainage structures designed to hold or  
15 divert water, shall be not less than one hundred (100) feet.

16 Note: Authority cited: Section 4290, Public Resources Code.

17 Reference: Sections 4290 and 4291, Public Resources Code.

18  
19 1273.05 ~~Roadway~~ Turnarounds

20 (a) Turnarounds are required on driveways and dead-end roads.

21 (b) The minimum turning radius for a turnaround shall be forty  
22 (40) feet, not including parking, in accordance with the  
23 ~~following~~ figures in 14 CCR §§ 1273.05(e) and 1273.05(f). If a  
24 hammerhead/T is used instead, the top of the "T" shall be a  
25 minimum of sixty (60) feet in length.

1 (c) Driveways exceeding 150 feet in length, but less than 800  
2 feet in length, shall provide a turnout near the midpoint of the  
3 driveway. Where the driveway exceeds 800 feet, turnouts shall be  
4 provided no more than 400 feet apart.

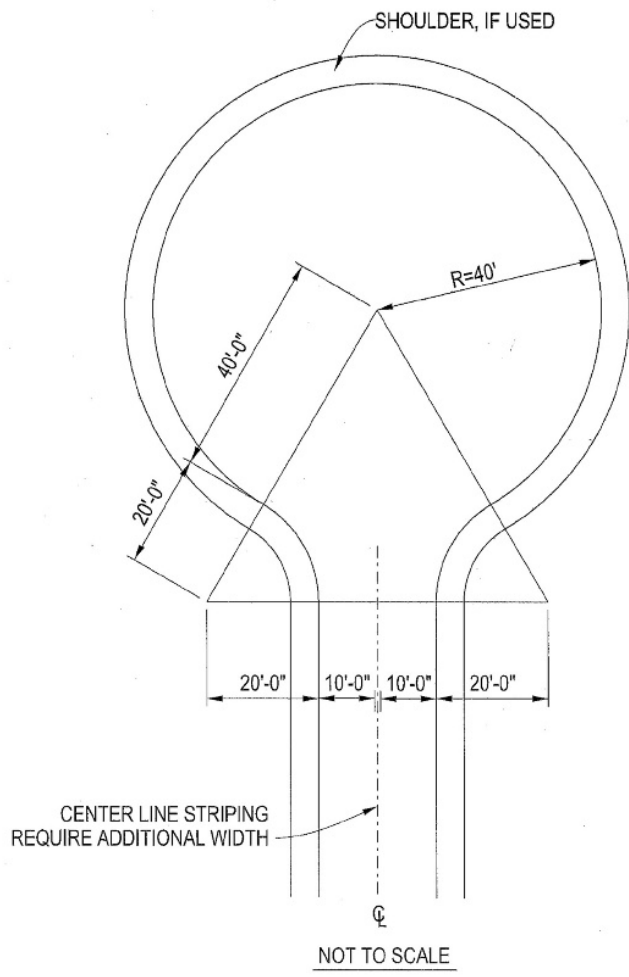
5 (d) A turnaround shall be provided on driveways over 300 feet in  
6 length and shall be within fifty (50) feet of the building.

7 (d) Each dead-end road shall have a turnaround constructed at  
8 its terminus. Where parcels are zoned five (5) acres or larger,  
9 turnarounds shall be provided at a maximum of 1,320 foot  
10 intervals.

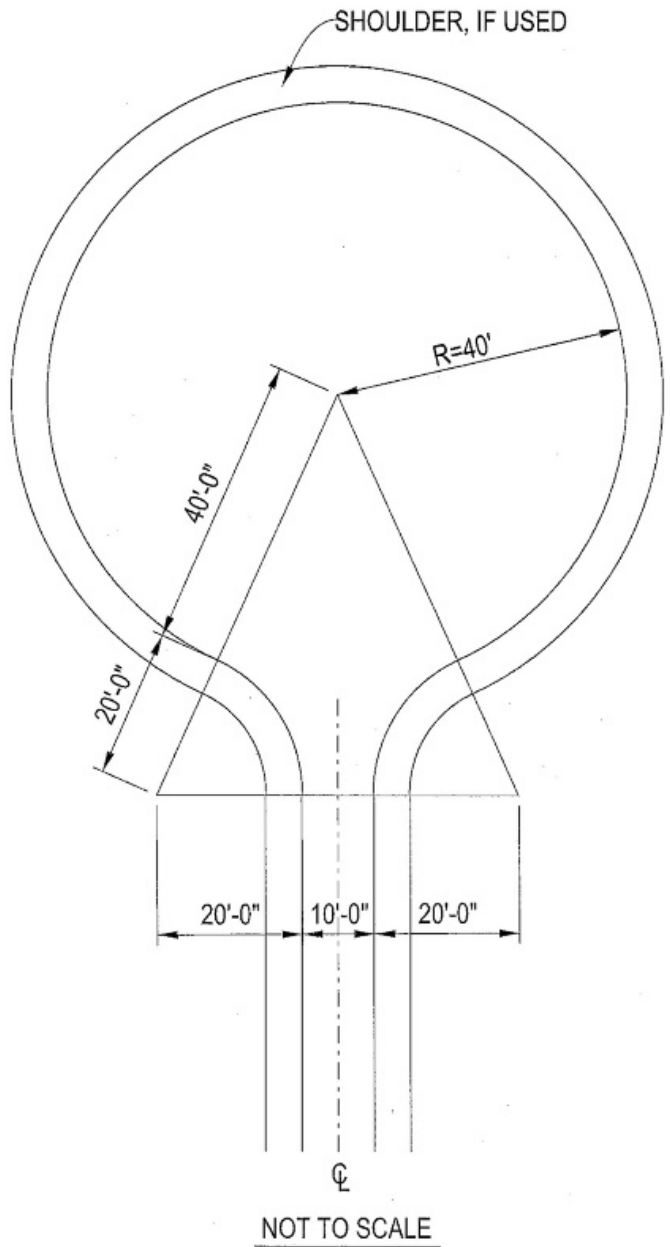
11 (e) Figure A. Turnarounds on roads with two ten-foot traffic  
12 lanes.



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1 (f) Figure B. Turnarounds on driveways with one ten-foot traffic  
2 lane.



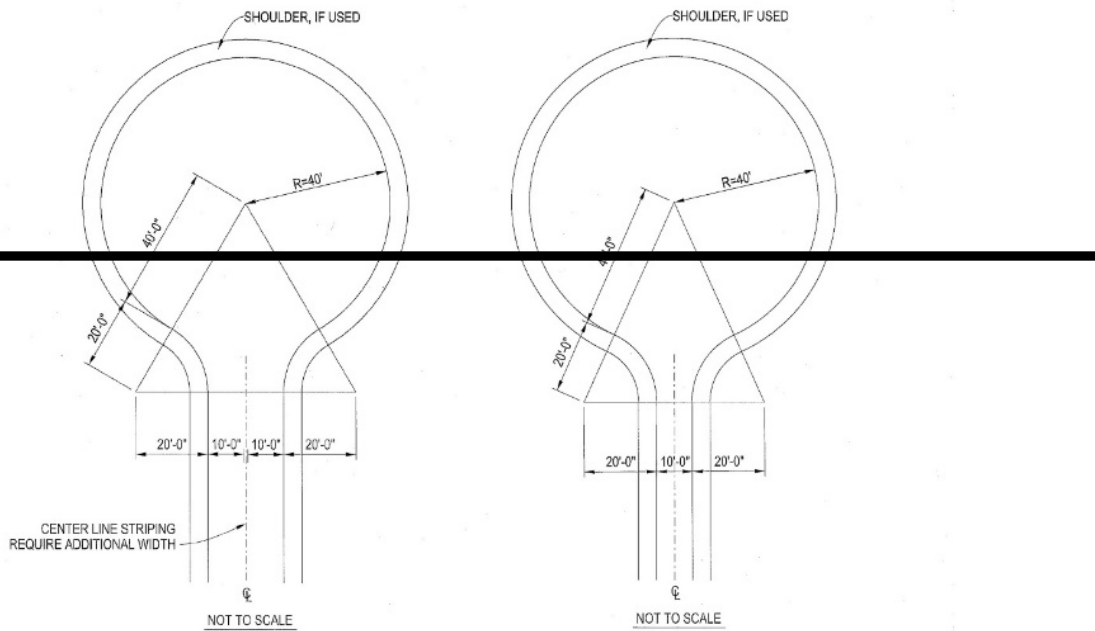


FIGURE FOR 14 CCR § 1273.05. TURNAROUND EXAMPLES

Note: Authority cited: Section 4290, Public Resources Code.

Reference: Sections 4290 and 4291, Public Resources Code.

1274.06 ~~Roadway~~ Turnouts

Turnouts shall be a minimum of twelve (12) feet wide and thirty (30) feet long with a minimum twenty-five (25) foot taper on each end.

Note: Authority cited: Section 4290, Public Resources Code.

Reference: Sections 4290 and 4291, Public Resources Code.

1273.07. ~~Roadway~~ and Driveway Structures.

1 ~~(a) All driveway, road, street, and private lane roadway~~  
2 ~~structures shall be constructed to carry at least the maximum~~  
3 ~~load and provide the minimum vertical clearance as required by~~  
4 ~~Vehicle Code Sections 35250, 35550, and 35750.~~

5 (ba) Appropriate signing, including but not limited to weight or  
6 vertical clearance limitations, one-way road or single traffic  
7 lane conditions, shall reflect the capability of each bridge.

8 (eb) Where a bridge or an elevated surface is part of a fire  
9 apparatus access road, the bridge shall be constructed and  
10 maintained in accordance with the American Association of State  
11 and Highway Transportation Officials Standard Specifications for  
12 Highway Bridges, 17th Edition, published 2002 (known as AASHTO  
13 HB-17), hereby incorporated by reference. Bridges and elevated  
14 surfaces shall be designed for a live load sufficient to carry  
15 the imposed loads of fire apparatus. Vehicle load limits shall  
16 be posted at both entrances to bridges when required by the  
17 local authority having jurisdiction.

18 (c) Where elevated surfaces designed for emergency vehicle use  
19 are adjacent to surfaces which are not designed for such use,  
20 barriers, or signs, or both, as approved by the local authority  
21 having jurisdiction, shall be installed and maintained.

22 (d) A bridge with only one traffic lane may be authorized by the  
23 local jurisdiction; however, it shall provide for unobstructed  
24 visibility from one end to the other and turnouts at both ends.

1 Note: Authority cited: Section 4290, Public Resources Code.

2 Reference: Sections 4290 and 4291, Public Resources Code.

3  
4 ~~1273.08 One-Way Roads~~ Dead-end Roads

5 (a) The maximum length of a dead-end road, including all dead-  
6 end roads accessed from that dead-end road, shall not exceed the  
7 following cumulative lengths, regardless of the number of  
8 parcels served:

9 parcels zoned for less than one acre - 800 feet

10 parcels zoned for 1 acre to 4.99 acres - 1,320 feet

11 parcels zoned for 5 acres to 19.99 acres - 2,640 feet

12 parcels zoned for 20 acres or larger - 5,280 feet

13 All lengths shall be measured from the edge of the roadway  
14 surface at the intersection that begins the road to the end of  
15 the road surface at its farthest point. Where a dead-end road  
16 crosses areas of differing zoned parcel sizes, requiring  
17 different length limits, the shortest allowable length shall  
18 apply.

19 (b) See 14 CCR § 1273.05 for dead-end road turnaround  
20 requirements.

21 ~~All one way roads shall be constructed to provide a minimum, not~~  
22 ~~including shoulders, of one twelve (12) foot traffic lane. The~~  
23 ~~local jurisdiction may approve one way roads. All one way roads~~  
24 ~~shall connect to a two-lane roadway at both ends, and shall~~  
25 ~~provide access to an area currently zoned for no more than ten~~

1 ~~(10) dwelling units. In no case shall it exceed 2,640 feet in~~  
2 ~~length. A turnout shall be placed and constructed at~~  
3 ~~approximately the midpoint of each one way road.~~

4 Note: Authority cited: Section 4290, Public Resources Code.

5 Reference: Sections 4290 and 4291, Public Resources Code.

6  
7 1273.09 Dead end Roads Gate Entrances

8 (a) Gate entrances shall be at least two (2) feet wider than the  
9 width of the traffic lane(s) serving that gate and a minimum  
10 width of fourteen (14) feet unobstructed horizontal clearance  
11 and unobstructed vertical clearance of thirteen feet, six inches  
12 (13'6").

13 (b) All gates providing access from a road to a driveway shall  
14 be located at least thirty (30) feet from the roadway and shall  
15 open to allow a vehicle to stop without obstructing traffic on  
16 that road.

17 (c) Where a one-way road with a single traffic lane provides  
18 access to a gated entrance, a forty (40) foot turning radius  
19 shall be used.

20 (d) Security gates shall not be installed without approval.  
21 Where security gates are installed, they shall have an approved  
22 means of emergency operation. Approval shall be by the local  
23 authority having jurisdiction. The security gates and the  
24 emergency operation shall be maintained operational at all  
25 times.

1 ~~(a) The maximum length of a dead-end road, including all dead-~~  
2 ~~end roads accessed from that dead-end road, shall not exceed the~~  
3 ~~following cumulative lengths, regardless of the number of~~  
4 ~~parcels served:~~

5 ~~parcels zoned for less than one acre — 800 feet~~

6 ~~parcels zoned for 1 acre to 4.99 acres — 1320 feet~~

7 ~~parcels zoned for 5 acres to 19.99 acres — 2640 feet~~

8 ~~parcels zoned for 20 acres or larger — 5280 feet~~

9 ~~All lengths shall be measured from the edge of the roadway~~  
10 ~~surface at the intersection that begins the road to the end of~~  
11 ~~the road surface at its farthest point. Where a dead end road~~  
12 ~~crosses areas of differing zoned parcel sizes, requiring~~  
13 ~~different length limits, the shortest allowable length shall~~  
14 ~~apply.~~

15 ~~(b) Where parcels are zoned 5 acres or larger, turnarounds shall~~  
16 ~~be provided at a maximum of 1320 foot intervals.~~

17 ~~(c) Each dead-end road shall have a turnaround constructed at~~  
18 ~~its terminus.~~

19 Note: Authority cited: Section 4290, Public Resources Code.

20 Reference: Sections 4290 and 4291, Public Resources Code.

21  
22 ~~1273.10 Driveways~~

23 ~~(a) All driveways shall be constructed to provide a minimum of~~  
24 ~~one (1) ten (10) foot traffic lane and fourteen (14) feet~~

1 ~~unobstructed horizontal clearance and unobstructed vertical~~  
2 ~~clearance of fifteen (15) feet.~~

3 ~~(b) Driveways exceeding 150 feet in length, but less than 800~~  
4 ~~feet in length, shall provide a turnout near the midpoint of the~~  
5 ~~driveway. Where the driveway exceeds 800 feet, turnouts shall be~~  
6 ~~provided no more than 400 feet apart.~~

7 ~~(c) A turnaround shall be provided to all building sites on~~  
8 ~~driveways over 300 feet in length, and shall be within fifty~~  
9 ~~(50) feet of the building.~~

10 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

11 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

12  
13 ~~1273.11 Gate Entrances~~

14 ~~(a) Gate entrances shall be at least two (2) feet wider than the~~  
15 ~~width of the traffic lane(s) serving that gate and a minimum~~  
16 ~~width of fourteen (14) feet unobstructed horizontal clearance~~  
17 ~~and unobstructed vertical clearance of fifteen (15) feet.~~

18 ~~(b) All gates providing access from a road to a driveway shall~~  
19 ~~be located at least thirty (30) feet from the roadway and shall~~  
20 ~~open to allow a vehicle to stop without obstructing traffic on~~  
21 ~~that road.~~

22 ~~(c) Security gates shall not be installed without approval and~~  
23 ~~where security gates are installed, they shall have an approved~~  
24 ~~means of emergency operation. Approval shall be by the local~~  
25 ~~authority having jurisdiction. The security gates and the~~



1 ~~emergency operation shall be maintained operational at all~~  
2 ~~times.~~

3 ~~(d) Where a one way road with a single traffic lane provides~~  
4 ~~access to a gated entrance, a forty (40) foot turning radius~~  
5 ~~shall be used.~~

6 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

7 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

8  
9 1274.00 Intent

10 To facilitate locating a fire and to avoid delays in response,  
11 all newly constructed or approved roads, ~~street,~~ and buildings  
12 shall be designated by names or numbers, posted on signs clearly  
13 visible and legible from the roadway. This section shall not  
14 restrict the size of letters or numbers appearing on road ~~street~~  
15 signs for other purposes.

16 Note: Authority cited: Section 4290, Public Resources Code.

17 Reference: Sections 4290 and 4291, Public Resources Code.

18  
19 ~~1274.01. Size of Letters, Numbers and Symbols for Street and~~  
20 ~~Road Signs.~~

21 (a) Newly constructed or approved roads must be identified by a  
22 name or number through a consistent system that provides for  
23 sequenced or patterned numbering and/or non-duplicative naming  
24 within each local jurisdiction. This section does not require  
25 any entity to rename or renumber existing roads, nor shall a

1 road providing access only to a single commercial or industrial  
2 occupancy require naming or numbering.

3 (b) The ~~S~~size of letters, numbers, and symbols for ~~street and~~  
4 road signs shall be a minimum four (4) inch letter height, half  
5 inch (.5) inch stroke, reflectorized, contrasting with the  
6 background color of the sign.

7 Note: Authority cited: Section 4290, Public Resources Code.

8 Reference: Sections 4290 and 4291, Public Resources Code.

9  
10 1274.02. Road Sign Installation, Location, and Visibility

11 ~~Visibility and Legibility of Street and Road Signs.~~

12 (a) ~~Street and road~~ Road signs shall be visible and legible from  
13 both directions of vehicle travel for a distance of at least one  
14 hundred (100) feet.

15 (b) Signs required by this article identifying intersecting  
16 roads shall be placed at the intersection of those roads.

17 (c) A sign identifying traffic access or flow limitations,  
18 including but not limited to weight or vertical clearance  
19 limitations, dead-end roads, one-way roads, or single lane  
20 conditions, shall be placed:

21 (i) at the intersection preceding the traffic access limitation,  
22 and

23 (ii) no more than one hundred (100) feet before such traffic  
24 access limitation.

1 (d) Road signs required by this article shall be posted at the  
2 beginning of construction and shall be maintained thereafter.

3 Note: Authority cited: Section 4290, Public Resources Code.

4 Reference: Sections 4290 and 4291, Public Resources Code.

5  
6 ~~1274.03. Height of Street and Road Signs.~~ Addresses for  
7 Buildings.

8 (a) All buildings shall be issued an address by the local  
9 jurisdiction which conforms to that jurisdiction's overall  
10 address system. Utility and miscellaneous Group U buildings are  
11 not required to have a separate address; however, each  
12 residential unit within a building shall be separately  
13 identified.

14 (b) The size of letters, numbers, and symbols for addresses  
15 shall conform to the standards in the California Fire Code,  
16 California Code of Regulations title 24, part 9.

17 (c) Addresses for residential buildings shall be reflectorized.  
18 ~~Height of street and road signs shall be uniform county wide,~~  
19 ~~and meet the visibility and legibility standards of this~~  
20 ~~article.~~

21 Note: Authority cited: Section 4290, Public Resources Code.

22 Reference: Sections 4290 and 4291, Public Resources Code.

23  
24 ~~1274.04. Names and Numbers on Street and Road Signs.~~ Address  
25 Installation, Location, and Visibility.

1 (a) All buildings shall have a permanently posted address which  
2 shall be plainly legible and visible from the road fronting the  
3 property.

4 (b) Where access is by means of a private road and the address  
5 identification cannot be viewed from the public way, an  
6 unobstructed sign or other means shall be used so that the  
7 address is visible from the public way.

8 (c) Address signs along one-way roads shall be visible from both  
9 directions.

10 (d) Where multiple addresses are required at a single driveway,  
11 they shall be mounted on a single sign or post.

12 (e) Where a road provides access solely to a single commercial  
13 or industrial business, the address sign shall be placed at the  
14 nearest road intersection providing access to that site, or  
15 otherwise posted to provide for unobstructed visibility from  
16 that intersection.

17 (f) In all cases, the address shall be posted at the beginning  
18 of construction and shall be maintained thereafter.

19 ~~Newly constructed or approved public and private roads and~~  
20 ~~streets must be identified by a name or number through a~~  
21 ~~consistent countywide system that provides for sequenced or~~  
22 ~~patterned numbering and/or non duplicating naming within each~~  
23 ~~county. All signs shall be mounted and oriented in a uniform~~  
24 ~~manner. This section does not require any entity to rename or~~  
25 ~~renumber existing roads or streets, nor shall a roadway~~

1 ~~providing access only to a single commercial or industrial~~  
2 ~~occupancy require naming or numbering.~~

3 Note: Authority cited: Section 4290, Public Resources Code.

4 Reference: Sections 4290 and 4291, Public Resources Code.

5  
6 ~~1274.05. Intersecting Roads, Streets and Private Lanes.~~

7 ~~Signs required by this article identifying intersecting roads,~~  
8 ~~streets and private lanes shall be placed at the intersection of~~  
9 ~~those roads, streets, and/or private lanes.~~

10 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

11 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

12  
13 ~~1274.06. Signs Identifying Traffic Access Limitations.~~

14 ~~A sign identifying traffic access or flow limitations, including~~  
15 ~~but not limited to weight or vertical clearance limitations,~~  
16 ~~dead end road, one way road or single lane conditions, shall be~~  
17 ~~placed:~~

18 ~~(a) at the intersection preceding the traffic access limitation,~~  
19 ~~and~~

20 ~~(b) no more than 100 feet before such traffic access limitation.~~

21 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

22 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

23  
24 ~~1274.07. Installation of Road, Street and Private Lane Signs.~~  
25

1 ~~Road, street and private lane signs required by this article~~  
2 ~~shall be installed prior to final acceptance by the local~~  
3 ~~jurisdiction of road improvements.~~

4 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

5 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

6  
7 ~~1274.08. Addresses for Buildings.~~

8 ~~All buildings shall be issued an address by the local~~  
9 ~~jurisdiction which conforms to that jurisdiction's overall~~  
10 ~~address system. Accessory buildings will not be required to have~~  
11 ~~a separate address; however, each dwelling unit within a~~  
12 ~~building shall be separately identified.~~

13 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

14 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

15  
16 ~~1274.09. Size of Letters, Numbers and Symbols for Addresses.~~

17 ~~Size of letters, numbers and symbols for addresses shall be a~~  
18 ~~minimum 4 inch letter height, .5 inch stroke, reflectorized,~~  
19 ~~contrasting with the background color of the sign.~~

20 ~~Address identification shall be plainly legible and visible from~~  
21 ~~the street or road fronting the property. Addresses shall be~~  
22 ~~Arabic numbers or alphabetical letters.~~

23 ~~Where access is by means of a private road and the address~~  
24 ~~identification cannot be viewed from the public way, a monument,~~

1 ~~pole or other sign or means shall be used to identify the~~  
2 ~~address.~~

3 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

4 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

5  
6 ~~1274.10. Installation, Location and Visibility of Addresses.~~

7 ~~(a) All buildings shall have a permanently posted address, which~~  
8 ~~shall be placed at each driveway entrance and visible from both~~  
9 ~~directions of travel along the road. In all cases, the address~~  
10 ~~shall be posted at the beginning of construction and shall be~~  
11 ~~maintained thereafter, and the address shall be visible and~~  
12 ~~legible from the road on which the address is located.~~

13 ~~(b) Address signs along one-way roads shall be visible from both~~  
14 ~~the intended direction of travel and the opposite direction.~~

15 ~~(c) Where multiple addresses are required at a single driveway,~~  
16 ~~they shall be mounted on a single post.~~

17 ~~(d) Where a roadway provides access solely to a single~~  
18 ~~commercial or industrial business, the address sign shall be~~  
19 ~~placed at the nearest road intersection providing access to that~~  
20 ~~site.~~

21 ~~Note: Authority cited: Section 4290, Public Resources Code.~~

22 ~~Reference: Sections 4290 and 4291, Public Resources Code.~~

23  
24 1275.00. Intent.

1 Emergency water for wildfire protection shall be available,  
2 accessible, and maintained in quantities and locations specified  
3 in the statute and these regulations, in order to attack a  
4 wildfire or defend property from a wildfire.

5 Note: Authority cited: Section 4290, Public Resources Code.

6 Reference: Sections 4290 and 4291, Public Resources Code.

7  
8 1275.01. Application.

9 The provisions of this article shall apply in the tentative and  
10 parcel map process when new parcels are approved by the local  
11 jurisdiction having authority. ~~When a water supply for structure~~  
12 ~~defense is required to be installed, such protection shall be~~  
13 ~~installed and made serviceable prior to and during the time of~~  
14 ~~construction except when alternative methods of protection are~~  
15 ~~provided and approved by the local authority having~~  
16 ~~jurisdiction.~~

17 Note: Authority cited: Section 4290, Public Resources Code.

18 Reference: Sections 4290 and 4291, Public Resources Code.

19  
20 1275.02. Water Supply ~~10. General Standards.~~

21 (a) When a water supply for structure defense is required to be  
22 installed, such protection shall be installed and made  
23 serviceable prior to and during the time of construction except  
24 when alternative methods of protection are provided and approved  
25 by the local authority having jurisdiction. ~~Water systems that~~



1 ~~comply with the below standard or standards meet or exceed the~~  
2 ~~intent of these regulations.~~

3 (b) Water systems equaling or exceeding the California Fire  
4 Code, California Code of Regulations title 24, part 9, or, where  
5 a municipal-type water supply is unavailable, National Fire  
6 Protection Association (NFPA) 1142, "Standard on Water Supplies  
7 for Suburban and Rural Fire Fighting," 2012 2017 Edition, hereby  
8 incorporated by reference, and California Fire Code, California  
9 Code of Regulations title 24, part 9, shall be accepted as  
10 meeting the requirements of this article.

11 (c) Such emergency water may be provided in a fire agency mobile  
12 water tender, or naturally occurring or man made containment  
13 structure, as long as the specified quantity is immediately  
14 available.

15 (d) Nothing in this article prohibits the combined storage of  
16 emergency wildfire and structural firefighting water supplies  
17 unless so prohibited by local ordinance or specified by the  
18 local fire agency.

19 (e) Where freeze or crash protection is required by local  
20 jurisdictions having authority, such protection measures shall  
21 be provided.

22 Note: Authority cited: Section 4290, Public Resources Code.

23 Reference: Sections 4290 and 4291, Public Resources Code.

24  
25 1275.0315. Hydrants and ~~Fire~~ Valves.

1 (a) The hydrant or fire valve shall be eighteen (18) inches  
2 above the finished surface. Its location in relation to the road  
3 or driveway and to the building(s) or structure(s) it serves  
4 shall comply with California Fire Code, California Code of  
5 Regulations title 24, part 9, Chapter 5, and Appendix C. ~~grade,~~  
6 ~~eight (8) feet from flammable vegetation, no closer than four~~  
7 ~~(4) feet nor farther than twelve (12) feet from a roadway, and~~  
8 ~~in a location where fire apparatus using it will not block the~~  
9 ~~roadway.~~

10 ~~The hydrant serving any building shall:~~

11 ~~(1) be not less than fifty (50) feet nor more than 1/2 mile by~~  
12 ~~road from the building it is to serve, and~~

13 ~~(2) be located at a turnout or turnaround, along the driveway to~~  
14 ~~that building or along the road that intersects with that~~  
15 ~~driveway.~~

16 (b) The hydrant head shall be a two and half (2 ½) inch National  
17 Hose male thread with cap for pressure and gravity flow systems  
18 and four and a half (4 ½) inch for draft systems.

19 ~~(c) Such hydrants shall be wet or dry barrel and have suitable~~  
20 ~~freeze or crash protection as required by the local~~  
21 ~~jurisdiction. ~~delivery system. They shall have suitable crash~~~~  
22 ~~protection as required by the local jurisdiction.~~

23 Note: Authority cited: Section 4290, Public Resources Code.

24 Reference: Sections 4290 and 4291, Public Resources Code.

1 1275.0420. Signing of Water Sources.

2 (a) Each hydrant, ~~fire valve,~~ or access to water shall be  
3 identified as follows:

4 (~~a~~1) if located along a driveway, a reflectorized blue marker,  
5 with a minimum dimension of three (3) inches shall be located on  
6 the driveway address sign and mounted on a fire retardant post,  
7 or

8 (~~b~~2) if located along a ~~street or~~ road,

9 (~~1~~i) a reflectorized blue marker, with a minimum dimension of  
10 three (3) inches, shall be mounted on a fire retardant post. The  
11 sign post shall be within three (3) feet of said hydrant or  
12 ~~fire valve,~~ with the sign no less than three (3) feet nor  
13 greater than five (5) feet above ground, in a horizontal  
14 position and visible from the driveway, or

15 (~~2~~ii) as specified in the State Fire Marshal's Guidelines for  
16 Fire Hydrant Markings Along State Highways and Freeways, May  
17 1988.

18 Note: Authority cited: Section 4290, Public Resources Code.

19 Reference: Sections 4290 and 4291, Public Resources Code.

20  
21 1276.00. Intent.

22 To reduce the intensity of a wildfire by reducing the volume and  
23 density of flammable vegetation, the strategic siting of fuel  
24 modification and greenbelts shall provide for ~~(1)~~ increased  
25 safety for emergency fire equipment and evacuating civilians by

1 its utilization around structures and roads, including  
2 driveways, ~~and~~ ~~(2)~~ a point of attack or defense from a wildfire.

3 Note: Authority cited: Section 4290, Public Resources Code.

4 Reference: Sections 4290 and 4291, Public Resources Code.

5  
6 1276.01. Setback for Structure Defensible Space.

7 (a) All parcels ~~1-acre and larger~~ shall provide a minimum thirty  
8 (30) foot setback for all buildings and accessory buildings from  
9 all property lines and/or the center of a road.

10 (b) When a thirty (30) foot setback is not possible for  
11 practical reasons, which may include but are not limited to  
12 parcel dimensions or size, topographic limitations, or other  
13 easements, the local jurisdiction shall provide for same  
14 practical effect.

15 (i) Same practical effect requirements shall reduce the  
16 likelihood of home-to-home ignition.

17 (ii) Same practical effect options may include, but are not  
18 limited to, noncombustible block walls or fences; five (5) feet  
19 of noncombustible material horizontally around the structure;  
20 installing hardscape landscaping or reducing exposed windows on  
21 the side of the structure with a less than thirty (30) foot  
22 setback; or additional structure hardening such as those  
23 required in the California Building Code, California Code of  
24 Regulations title 24, part 2, Chapter 7A.

1 ~~For parcels less than 1 acre, local jurisdictions shall provide~~  
2 ~~for the same practical effect.~~

3 (c) Structures constructed in the SRA are required to comply  
4 with the defensible space regulations in Title 14. Natural  
5 Resources Division 1.5. Department of Forestry and Fire  
6 Protection Chapter 7. Fire Protection Subchapter 3. Fire Hazard.

7 Note: Authority cited: Section 4290, Public Resources Code.

8 Reference: Sections 4290 and 4291, Public Resources Code.

9  
10 1276.02. Maintenance of Defensible Space Measures ~~Disposal of~~  
11 ~~Flammable Vegetation and Fuels.~~

12 To ensure continued maintenance of commonly owned properties in  
13 conformance with these standards and to assure continued  
14 availability, access, and utilization of the defensible space  
15 provided by these standards during a wildfire, provisions for  
16 annual maintenance shall be provided in emergency access  
17 covenants or similar binding agreements.

18 ~~Disposal, including chipping, burying, burning or removal to a~~  
19 ~~landfill site approved by the local jurisdiction, of flammable~~  
20 ~~vegetation and fuels caused by site development and~~  
21 ~~construction, road and driveway construction, and fuel~~  
22 ~~modification shall be completed prior to completion of road~~  
23 ~~construction or final inspection of a building permit.~~

24 Note: Authority cited: Section 4290, Public Resources Code.

25 Reference: Sections 4290 and 4291, Public Resources Code.

1  
2 1276.03. Disposal of Flammable Vegetation and Fuels Greenbelts.

3 Disposal, including chipping, burying, burning or removal to a  
4 site approved by the local jurisdiction, of flammable vegetation  
5 and fuels caused by site development and construction, road and  
6 driveway construction, and fuel modification shall be completed  
7 prior to completion of road construction or final inspection of  
8 a building permit.

9 ~~Subdivision and other developments, which propose greenbelts as~~  
10 ~~a part of the development plan, shall locate said greenbelts~~  
11 ~~strategically, as a separation between wildland fuels and~~  
12 ~~structures. The locations shall be approved by the local~~  
13 ~~authority having jurisdiction and may be consistent with the CAL~~  
14 ~~FIRE Unit Fire Management Plan or Contract County Fire Plan.~~

15 Note: Authority cited: Section 4290, Public Resources Code.

16 Reference: Sections 4290 and 4291, Public Resources Code.

17  
18 1276.04. Greenbelts.

19 Subdivision and other developments, which propose greenbelts as  
20 a part of the development plan, shall locate said greenbelts  
21 strategically as a separation between wildland fuels and  
22 structures. The locations shall be approved by the local  
23 authority having jurisdiction and may be consistent with the CAL  
24 FIRE Unit Fire Management Plan or Contract County Fire Plan.

1 Note: Authority cited: Section 4290, Public Resources Code.

2 Reference: Sections 4290 and 4291, Public Resources Code.

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