

**State of California
Office of Administrative Law**

In re:
Board of Forestry and Fire Protection

**NOTICE OF APPROVAL OF REGULATORY
ACTION**

Regulatory Action:

Government Code Section 11349.3

Title 14, California Code of Regulations

OAL File No. 2015-0313-01 SR

Adopt sections:

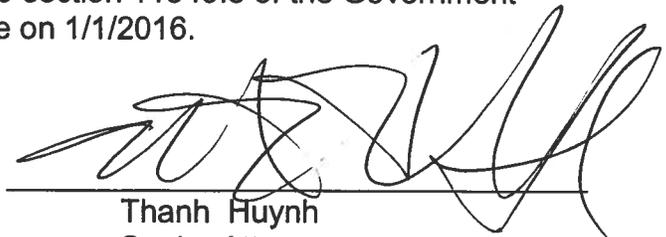
Amend sections: 1273.01, 1273.02, 1273.05,
1273.06, 1273.07, 1273.08,
1273.10, 1273.11, 1274.01,
1274.09, 1275.00, 1275.01,
1275.10, 1275.15, 1276.00,
1276.03

Repeal sections:

In this resubmitted regulatory action, the Board is amending sections in Title 14 of the California Code of Regulations to set standards for future design and construction of structures, subdivisions and developments in State Responsibility Area (SRA) and provide for basic emergency access and perimeter wildfire protection.

OAL approves this regulatory action pursuant to section 11349.3 of the Government Code. This regulatory action becomes effective on 1/1/2016.

Date: 4/27/2015



Thanh Huynh
Senior Attorney

For: DEBRA M. CORNEZ
Director

Original: George Gentry
Copy: Thembu Borrás

NOTICE PUBLICATION/REGULATION SUBMISSION

(See instructions on reverse)

For use by Secretary of State only

STD. 400 (REV. 01-2013)

OAL FILE NUMBERS	NOTICE FILE NUMBER Z-	REGULATORY ACTION NUMBER 2015-0313-01SR	EMERGENCY NUMBER
For use by Office of Administrative Law (OAL) only			
NOTICE		REGULATIONS	
AGENCY WITH RULEMAKING AUTHORITY Board of Forestry and Fire Protection			AGENCY FILE NUMBER (if any)

ENDORSED - FILED
in the office of the Secretary of State
of the State of California

APR 27 2015
3:51 PM

2015 MAR 13 PM 4:37
OFFICE OF ADMINISTRATIVE LAW

A. PUBLICATION OF NOTICE (Complete for publication in Notice Register)

1. SUBJECT OF NOTICE	TITLE(S)	FIRST SECTION AFFECTED	2. REQUESTED PUBLICATION DATE
3. NOTICE TYPE <input type="checkbox"/> Notice re Proposed Regulatory Action <input type="checkbox"/> Other	4. AGENCY CONTACT PERSON	TELEPHONE NUMBER	FAX NUMBER (Optional)
OAL USE ONLY <input type="checkbox"/> Approved as Submitted <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Disapproved/Withdrawn	ACTION ON PROPOSED NOTICE	NOTICE REGISTER NUMBER 2014 27Z	PUBLICATION DATE 7/4/2014

B. SUBMISSION OF REGULATIONS (Complete when submitting regulations)

1a. SUBJECT OF REGULATION(S) SRA Fire Safe Regulations Update, 2014	1b. ALL PREVIOUS RELATED OAL REGULATORY ACTION NUMBER(S) 2014-1009-025
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2. SPECIFY CALIFORNIA CODE OF REGULATIONS TITLE(S) AND SECTION(S) (Including title 26, if toxics related)	ADOPT
SECTION(S) AFFECTED (List all section number(s) individually. Attach additional sheet if needed.)	AMEND See additional sheet.
TITLE(S) 14	REPEAL

3. TYPE OF FILING	<input checked="" type="checkbox"/> Regular Rulemaking (Gov. Code §11346) <input checked="" type="checkbox"/> Resubmittal of disapproved or withdrawn nonemergency filing (Gov. Code §§11349.3, 11349.4) <input type="checkbox"/> Emergency (Gov. Code, §11346.1(b))		
	<input type="checkbox"/> Certificate of Compliance: The agency officer named below certifies that this agency complied with the provisions of Gov. Code §§11346.2-11347.3 either before the emergency regulation was adopted or within the time period required by statute. <input type="checkbox"/> Resubmittal of disapproved or withdrawn emergency filing (Gov. Code, §11346.1)	<input type="checkbox"/> Emergency Readopt (Gov. Code, §11346.1(h)) <input type="checkbox"/> File & Print <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Changes Without Regulatory Effect (Cal. Code Regs., title 1, §100) <input type="checkbox"/> Print Only

4. ALL BEGINNING AND ENDING DATES OF AVAILABILITY OF MODIFIED REGULATIONS AND/OR MATERIAL ADDED TO THE RULEMAKING FILE (Cal. Code Regs. title 1, §44 and Gov. Code §11347.1)
 First 15-Day Notice pub.comment period: 9/4/2014 to 9/19/2014 Additional 15-Day Notice pub.comment period: 02/03/15 to 02/18/15

5. EFFECTIVE DATE OF CHANGES (Gov. Code, §§ 11343.4, 11346.1(d); Cal. Code Regs., title 1, §100)
<input type="checkbox"/> Effective January 1, April 1, July 1, or October 1 (Gov. Code §11343.4(a)) <input type="checkbox"/> Effective on filing with Secretary of State <input type="checkbox"/> \$100 Changes Without Regulatory Effect <input checked="" type="checkbox"/> Effective other (Specify) January 1, 2016

6. CHECK IF THESE REGULATIONS REQUIRE NOTICE TO, OR REVIEW, CONSULTATION, APPROVAL OR CONCURRENCE BY, ANOTHER AGENCY OR ENTITY
<input type="checkbox"/> Department of Finance (Form STD. 399) (SAM §6660) <input type="checkbox"/> Fair Political Practices Commission <input checked="" type="checkbox"/> State Fire Marshal <input checked="" type="checkbox"/> Other (Specify) Department of Forestry and Fire Protection

7. CONTACT PERSON Thembi Borrás	TELEPHONE NUMBER 916-653-9633	FAX NUMBER (Optional)	E-MAIL ADDRESS (Optional) thembi.borras@bof.ca.gov
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8. I certify that the attached copy of the regulation(s) is a true and correct copy of the regulation(s) identified on this form, that the information specified on this form is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification.

SIGNATURE OF AGENCY HEAD OR DESIGNEE <i>Thembi Borrás</i>	DATE March 13, 2015
TYPED NAME AND TITLE OF SIGNATORY Thembi Borrás, Regulations Coordinator for the Board of Forestry and Fire Protection	

For use by Office of Administrative Law (OAL) only

ENDORSED APPROVED

APR 27 2015

Office of Administrative Law

NOTICE PUBLICATION/REGULATIONS SUBMISSION

400 (REV. 01-2013) (REVERSE)

**INSTRUCTIONS FOR PUBLICATION OF NOTICE
AND SUBMISSION OF REGULATIONS**

Use the form STD. 400 for submitting notices for publication and regulations for Office of Administrative Law (OAL) review.

ALL FILINGS

Enter the name of the agency with the rulemaking authority and agency's file number, if any.

NOTICES

Complete Part A when submitting a notice to OAL for publication in the California Regulatory Notice Register. Submit two (2) copies of the STD. 400 with four (4) copies of the notice and, if a notice of proposed regulatory action, one copy each of the complete text of the regulations and the statement of reasons. Upon receipt of the notice, OAL will place a number in the box marked "Notice File Number." If the notice is approved, OAL will return the STD. 400 with a copy of the notice and will check "Approved as Submitted" or "Approved as Modified." If the notice is disapproved or withdrawn, that will also be indicated in the space marked "Action on Proposed Notice." Please submit a new form STD. 400 when resubmitting the notice.

REGULATIONS

When submitting regulations to OAL for review, fill out STD. 400, Part B. Use the form that was previously submitted with the notice of proposed regulatory action which contains the "Notice File Number" assigned, or, if a new STD. 400 is used, please include the previously assigned number in the box marked "Notice File Number." In filling out Part B, be sure to complete the certification including the date signed, the title and typed name of the signatory. The following must be submitted when filing regulations: seven (7) copies of the regulations with a copy of the STD. 400 attached to the front of each (one copy must bear an original signature on the certification) and the complete rulemaking file with index and sworn statement. (See Gov. Code § 11347.3 for rulemaking file contents.)

RESUBMITTAL OF DISAPPROVED OR WITHDRAWN REGULATIONS

When resubmitting previously disapproved or withdrawn regulations to OAL for review, use a new STD. 400 and fill out Part B, including the signed certification. Enter the OAL file number(s) of all previously disapproved or withdrawn filings in the box marked "All Previous Related OAL Regulatory Action Number(s)" (box 1b. of Part B). Submit seven (7) copies of the regulation to OAL with a copy of the STD. 400 attached to the front of each (one copy must bear an original signature on the certification). Be sure to include an index, sworn statement, and (if returned to the agency) the complete rulemaking file. (See Gov. Code §§ 11349.4 and 11347.3 for more specific requirements.)

EMERGENCY REGULATIONS

Fill out only Part B, including the signed certification, and submit seven (7) copies of the regulations with a copy of the STD. 400 attached to the front of each (one copy must bear an original signature on the certification). (See Gov. Code § 11346.1 for other requirements.)

NOTICE FOLLOWING EMERGENCY ACTION

When submitting a notice of proposed regulatory action after an emergency filing, use a new STD. 400 and complete Part A and insert the OAL file number(s) for the original emergency filing(s) in the box marked "All Previous Related OAL Regulatory Action Number(s)" (box 1b. of Part B). OAL will return the STD. 400 with the notice upon approval or disapproval. If the notice is disapproved, please fill out a new form when resubmitting for publication.

CERTIFICATE OF COMPLIANCE

When filing the certificate of compliance for emergency regulations, fill out Part B, including the signed certification, on the form that was previously submitted with the notice. If a new STD. 400 is used, fill in Part B including the signed certification, and enter the previously assigned notice file number in the box marked "Notice File Number" at the top of the form. The materials indicated in these instructions for "REGULATIONS" must also be submitted.

EMERGENCY REGULATIONS - READOPTION

When submitting previously approved emergency regulations for re adoption, use a new STD. 400 and fill out Part B, including the signed certification, and insert the OAL file number(s) related to the original emergency filing in the box marked "All Previous Related OAL Regulatory Action Number(s)" (box 1b. of Part B).

CHANGES WITHOUT REGULATORY EFFECT

When submitting changes without regulatory effect pursuant to California Code of Regulations, Title 1, section 100, complete Part B, including marking the appropriate box in both B.3. and B.5.

ABBREVIATIONS

Cal. Code Regs. - California Code of Regulations
Gov. Code - Government Code
SAM - State Administrative Manual

For questions regarding this form or the procedure for filing notices or submitting regulations to OAL for review, please contact the Office of Administrative Law Reference Attorney at (916) 323-6815.

SRA FIRE SAFE REGULATIONS UPDATE, 2014

REGULATIONS SUBMISSION

ADDITIONAL SHEET

Section(s) affected (List all section(s) numbers individually. Attach additional sheet if needed.): Article 2. Emergency Access, 1273.01, 1273.02, 1273.05, 1273.06, 1273.07, 1273.08, 1273.10, 1273.11, 1274.01, 1274.09, 1275.00, 1275.01, 1275.10, 1275.15, 1276.00, 1276.03

1 **SRA FIRE SAFE REGULATIONS, 2014**

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

3 **Regulations**

4

5 **Article 2. Emergency Access and Egress**

6

7 **1273.01. Road Width**

8 All roads shall be constructed to provide a minimum of ~~two nine-foot traffic lanes providing two-~~
9 way traffic flow ten (10) foot traffic lanes, not including shoulder and striping. These traffic lanes
10 shall provide for two-way traffic flow to support emergency vehicle and civilian egress, unless
11 other standards are provided in this article, or additional requirements are mandated by local
12 jurisdictions or local subdivision requirements.

13 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
14 4290 and 4291, Public Resources Code.

15

16 **1273.02. Roadway Surface**

17 ~~The surface shall provide unobstructed access to conventional drive vehicles, including sedans~~
18 ~~and fire engines. Surfaces should be established in conformance with local ordinances, and be~~
19 ~~capable of supporting a 40,000 pound load.~~ Roadways shall be designed and maintained to
20 support the imposed load of fire apparatus weighing at least 75,000 pounds and provide an
21 aggregate base. Project proponent shall provide engineering specifications to support design, if
22 requested by the local authority having jurisdiction.

23 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
24 4290 and 4291, Public Resources Code.

4/27/15 (TT)
per agency
request

1273.05. Roadway Turnarounds

~~as specified in this article~~

Turnarounds are required on driveways and dead-end roads. The minimum turning radius for a
~~from the center line of the road~~
turnaround shall be forty (40) feet, not including parking, in accordance with the following figure.

If a hammerhead/T is used instead, the top of the "T" shall be a minimum of sixty (60) feet in length.

Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections 4290 and 4291, Public Resources Code.

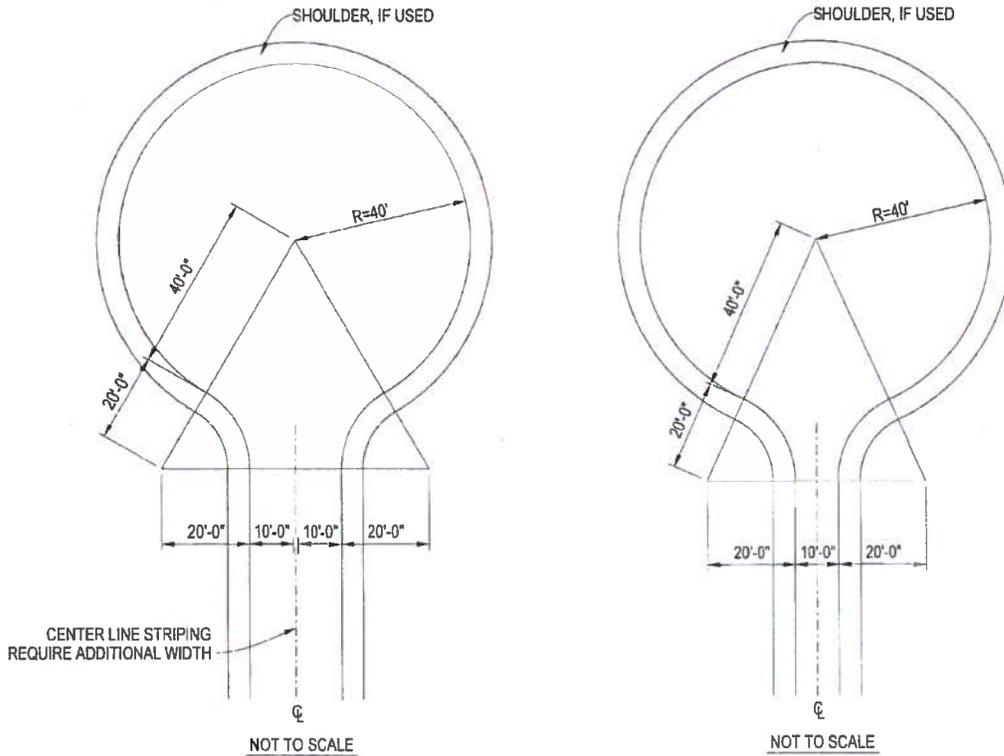


FIGURE FOR 14 CCR § 1273.05. TURNAROUND EXAMPLES

1 **1273.06. Roadway Turnouts**

2 Turnouts shall be a minimum of ~~10~~ twelve (12) feet wide and thirty (30) feet long with a
3 minimum twenty-five (25) foot taper on each end.

4 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
5 4290 and 4291, Public Resources Code.

6
7 **1273.07. Roadway Structures**

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

11 (b) Appropriate signing, including but not limited to weight or vertical clearance limitations, one-
12 way road or single lane conditions, shall reflect the capability of each bridge.

13 (c) Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge
14 shall be constructed and maintained in accordance with the American Association of State and
15 Highway Transportation Officials Standard Specifications for Highway Bridges, 17th Edition,
16 published 2002 (known as AASHTO HB-17), hereby incorporated by reference. Bridges and
17 elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire
18 apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the
19 local authority having jurisdiction. Where elevated surfaces designed for emergency vehicle use
20 are adjacent to surfaces which are not designed for such use, barriers, or signs, or both, as
21 approved by the local authority having jurisdiction, shall be installed and maintained. A bridge
22 with only one traffic lane may be authorized by the local jurisdiction; however, it shall provide for
23 unobstructed visibility from one end to the other and turnouts at both ends.

1 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
2 4290 and 4291, Public Resources Code.

3
4 **1273.08. One-Way Roads**

5 All one-way roads shall be constructed to provide a minimum, not including shoulders, of one ~~four~~
6 twelve (12)-foot traffic lane. The local jurisdiction may approve one-way roads. All one-way
7 roads shall connect to a two-lane roadway at both ends, and shall provide access to an area
8 currently zoned for no more than ten (10) dwelling units. In no case shall it exceed 2,640 feet in
9 length. A turnout shall be placed and constructed at approximately the midpoint of each one-
10 way road.

11 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
12 4290 and 4291, Public Resources Code.

13
14 **1273.10. Driveways**

15 (a) All driveways shall be constructed to provide a minimum of one (1) ten (10) foot traffic lane
16 and fourteen (14) feet unobstructed horizontal clearance and unobstructed vertical clearance of
17 fifteen (15) feet along its entire length.

18 ~~(b)~~ Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a

19 ~~(b)~~ turnout near the midpoint of the driveway. Where the driveway exceeds 800 feet, turnouts shall
20 ~~(b)~~ be provided no more than 400 feet apart.
per agency request

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

23 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
24 4290 and 4291, Public Resources Code.

1 **1273.11. Gate Entrance**

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

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

8 (c) Security gates shall not be installed without approval and where security gates are installed,
9 they shall have an approved means of emergency operation. Approval shall be by the local
10 authority having jurisdiction. The security gates and the emergency operation shall be
11 maintained operational at all times.

12 (ed) Where a one-way road with a single traffic lane provides access to a gated entrance, a forty
13 (40) foot turning radius shall be used.

14 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
15 4290 and 4291, Public Resources Code.

16
17 **1274.01. Size of Letters, Numbers and Symbols for Street and Roads Signs**

18 Size of letters, numbers, and symbols for street and road signs shall be a minimum ¾ inch
19 letter height, 5/8 inch stroke, reflectorized, contrasting with the background color of the sign.

20 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
21 4290 and 4291, Public Resources Code.

22
23 **1274.09. Size of Letters, Numbers and Symbols for Addresses**

24 Size of letters, numbers and symbols for addresses shall be a minimum ¾ inch letter height, 5
25 3/8 inch stroke, reflectorized, contrasting with the background color of the sign.

1 Address identification shall be plainly legible and visible from the street or road fronting the
2 property. Addresses shall be Arabic numbers or alphabetical letters. Where access is by means
3 of a private road and the address identification cannot be viewed from the public way, a
4 monument, pole or other sign or means shall be used to identify the address.

5 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
6 4290 and 4291, Public Resources Code.

7
8 **1275.00. Intent**

9 Emergency water for wildfire protection shall be available, ~~and accessible, and maintained~~ in
10 quantities and locations specified in the statute and these regulations, in order to attack a
11 wildfire or defend property from a wildfire. ~~Such emergency water may be provided in a fire~~
12 ~~agency mobile water tender, or naturally occurring or man made containment structure, as long~~
13 ~~as the specified quantity is immediately available.~~

14 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
15 4290 and 4291, Public Resources Code.

1 **1275.01. Application**

2 The provisions of this article shall apply in the tentative and parcel map process when new
3 parcels are approved by ~~a~~ the local jurisdiction having authority. ~~The emergency water system~~
4 ~~shall be available on-site prior to the completion of road construction, where a community water~~
5 ~~system is approved, or prior to the completion of building construction, where an individual~~
6 ~~system is approved.~~ When a water supply for structure defense is required to be installed, such
7 protection shall be installed and made serviceable prior to and during the time of construction
8 except when alternative methods of protection are provided and approved by the local authority
9 having jurisdiction.

10 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
11 4290 and 4291, Public Resources Code.

1 **1275.10. General Standards**

2 Water systems that comply with the below standard or standards meet or exceed the
3 ~~standards specified in Public Utilities Commission of California (PUC) revised General Order~~
4 ~~#103, Adopted June 12, 1956 (Corrected September 7, 1983, Decision 83-09-001), Section VIII~~
5 ~~Fire Protection Standards and other applicable sections relating to fire protection water delivery~~
6 ~~systems, static water systems equaling or exceeding the National Fire Protection Association~~
7 ~~(NFPA) intent of these regulations. Water systems equaling or exceeding the National Fire~~
8 ~~Protection Association (NFPA) Standard 1231, "Standard on Water Supplies for Suburban and~~
9 ~~Rural Fire Fighting", 1989 Edition, or mobile water systems that meet the Insurance Services~~
10 ~~Office (ISO) Rural Class 8, 2nd Edition 3-80, 1142, "Standard on Water Supplies for Suburban~~
11 ~~and Rural Fire Fighting," 2012 Edition, hereby incorporated by reference, and California Fire~~
12 ~~Code 2010, California Code of Regulations Title 24, Part 9, standard shall be accepted as~~
13 ~~meeting the requirements of this article. These documents are available at CDF Ranger Unit~~
14 ~~Headquarters. Such emergency water may be provided in a fire agency mobile water tender, or~~
15 ~~naturally occurring or man made containment structure, as long as the specified quantity is~~
16 ~~immediately available.~~ Nothing in this article prohibits the combined storage of emergency
17 wildfire and structural firefighting water supplies unless so prohibited by local ordinance or
18 specified by the local fire agency. Where freeze protection is required by local jurisdictions
19 having authority, such protection measures shall be provided.

20 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
21 4290 and 4291, Public Resources Code.

1 **1275.15. Hydrant/Fire Valve**

2 (a) The hydrant or fire valve shall be eighteen (18) inches above grade, eight (8) feet from
3 flammable vegetation, no closer than four (4) feet nor farther than twelve (12) feet from a
4 roadway, and in a location ^{where} ~~were~~ fire apparatus using it will not block the roadway.

per agency
request
4/27/15 (TH)

5 The hydrant serving any building shall:

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

8 (2) be located at a turnout or turnaround, along the driveway to that building or along the
9 road that intersects with that driveway.

10 (b) The hydrant head shall be ~~brass with~~ 2 1/2 inch National Hose male thread with cap for
11 pressure and gravity flow systems and 4 1/2 inch draft systems. Such hydrants shall be wet or
12 dry barrel as required by the delivery system. They shall have suitable crash protection as
13 required by the local jurisdiction.

14 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
15 4290 and 4291, Public Resources Code.

16
17 **1276.00 Intent**

18 To reduce the intensity of a wildfire by reducing the volume and density of flammable
19 vegetation, the strategic siting of fuel modification and greenbelt shall provide

20 (1) increased safety for emergency fire equipment and evacuating civilians by its utilization
21 around structures and roads, including driveways; and

22 (2) a point of attack or defense from a wildfire.

23 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
24 4290 and 4291, Public Resources Code.

1 **1276.03 Greenbelts**

2 Subdivision and other developments, which propose greenbelts as a part of the development
3 plan, shall locate said greenbelts strategically, as a separation between wildland fuels and
4 structures. The locations shall be approved by the ^{inspection} local authority having jurisdiction, and may be
5 consistent with the CAL FIRE Unit Fire Management Plan or Contract County Fire Plan.

6 Note: Authority cited: Section 4290, Public Resources Code. Reference: Sections
7 4290 and 4291, Public Resources Code.

4/27/15 TH
per agency
request

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