

# VISTA FIRE PROTECTION DISTRICT

## Board of Directors

### AGENDA

#### Meeting Location

“Smart Space” Office Center  
450 South Melrose Drive  
Vista, CA 92081



**Regular Meeting**  
**Wednesday, September 14, 2022**  
**6:00 P.M.**

Americans with Disabilities Act: If you need special assistance to participate in this meeting, please contact the Board Clerk 619-990-1005. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to assure accessibility to the meeting.

Rules for Addressing Board of Directors: Members of the audience who wish to address the Board of Directors are requested to complete a form near the entrance of the meeting room and submit it to the Board Clerk. Any person may address the Board on any item of Board business or Board concern. The Board cannot act on any matter presented during Public Comment, but can refer it to staff for review and possible discussion at a future meeting. As permitted by State Law, the Board may act on matters of an urgent nature or which require immediate attention.

Agendas: Agenda packets are available for public inspection 72 hours prior to scheduled meetings posted on the District's website [www.vistafireprotectiondistrict.org](http://www.vistafireprotectiondistrict.org) or by contacting the Clerk of the Board at [vfpd.manager@gmail.com](mailto:vfpd.manager@gmail.com)

#### REGULAR AGENDA

1. ROLL CALL AND PLEDGE OF ALLEGIANCE
2. APPROVAL OF MEETING AGENDA
3. MOTION WAIVING READING IN FULL OF ALL RESOLUTIONS/ORDINANCES
4. OPEN DISCUSSION WITH THE BOARD (Public Comment)  
The Board invites District Residents and others in attendance to address the Board on any matter of public concern related to the District's business.
5. APPROVAL OF THE MINUTES  
The Board will review for approval the draft minutes of the District's special meeting held on August 18, 2022.  
ACTION REQUESTED: Approve
6. FIRE DEPARTMENT REPORTS – Information
  - a. District Fire Inspector's: Fire Inspector Jeremy Nichols
  - b. Fire Marshal Report: Deputy Chief Craig Usher
    - i) District Update
    - ii) CWPP Progress Report
  - c. Fire Chief Update: Chief Ned Vander Pol
    - i) Fire Department Performance
    - ii) Agency Update

## 7. OFFICERS' REPORTS

- a. Accounts Payable. The Treasurer will present for approval the District's Accounts Payable for the month of August, supported by the Treasurer's certification of the availability of funds.  
ACTION REQUESTED: Approve
- b. Treasurer's Reports. The Treasurer will report on the following:
  - i) the mitigation fee fund balances held by the District and City; and
  - ii) the District's investment Portfolio Summary as of August 31, 2022.ACTION REQUESTED: Information
- c. Administrative Manager's Report. The District's Administrative Manager will report on the status of District operations:
  - i) Future agenda item(s)
    - (1) Resolution setting date, time, and location of board meetings
    - (2) District logo
    - (3) Signature authority
    - (4) Mandatory Ethics and Harassment Training
    - (5) Office spaceACTION REQUESTED: Information and/or direction
- d. Legal Affairs. District Counsel will report on the status of any pending matters.

## 8. COMMITTEE REPORTS

- a. Fuel Modification  
The Subcommittee and staff will lead discussion on implementing recommendations by the Anchor Point study.
- b. Response Times  
Chief Vander Pol and the ad hoc committee will lead a discussion as the best method to monitor the district's response times.

## 9. PUBLIC HEARING

- a. Final Budget Fiscal Year 2022/2023  
To call for any taxpayer to appear and be heard regarding the increase, decrease or omission of any budget item, or for the inclusion of additional items prior to adoption by the Board of Directors  
ACTION REQUESTED: Public input - a call for public comment (oral or written)

## 10. NEW BUSINESS

- a. Resolution No. 2022-08  
To discuss and/or adopt Resolution No. 2022-08 – *entitled* a Resolution of the Board of Directors of the Vista Fire Protection District Establishing Committed and/or Constrained Fund Balances for FY22. [Staff report 22-10 provided.](#)  
ACTION REQUESTED: Adopt
- b. Article XIIIIV California Constitution Appropriation Limit
  - i) To discuss and/or approve the change in population for the Vista Fire Protection District appropriations limit. [Staff report 22-11 provided.](#)  
ACTION REQUESTED: Select a method to calculate appropriations limit

- ii) Resolution No. 2022-09  
To discuss and/or adopt a resolution *entitled* A Resolution of the Board of Directors of the Vista Fire Protection District Determining the 2022/2023 Appropriations of Tax Proceeds  
ACTION REQUESTED: Adopt
  
- c. Final Budget FY 2022/23
  - i) To discuss and/or approve Final Budget for FY22. [Staff report 22-12 provided.](#)  
ACTION REQUESTED: Approve
  - ii) Resolution No. 2022-10  
To discuss and/or approve Resolution No. 2022-10 entitled A Resolution of the Board of Directors of the Vista Fire Protection District Adopting a Final Budget for Fiscal Year 22-23  
ACTION REQUESTED: Approve
  
- d. Fire Lane Parking Signage  
Discuss and/or authorize the purchase replacement signage. [Staff report 22-13 provided.](#)  
ACTION REQUESTED: Authorize purchase not to exceed \$500
  
- e. Eighth Supplemental Agreement - Draft  
To discuss and provide direction for modifications to the contract between Vista Fire Protection District and the City of Vista for Fire Inspection Services.  
Action Requested: Information and/or direction
  
- f. Ordinance No. 2023-01  
To introduce Ordinance No. 2023-01 *entitled* An Ordinance of the Vista Fire Protection District Which Adopts The 2023 California Fire Code and the 2021 International Fire Code with Certain Amendments, Additions, And Deletions.  
ACTION REQUESTED: Receive Board and public comments, schedule the public hearing and final date for adoption
  
- g. District Fees AB38 Defensible Space Inspections
  - i) AB38 Defensible Space Inspections - Staff will discuss will provide an update on the implications of AB38 defensible inspections and associated fees.
  - ii) Inspection Fees - Staff will provide an update on inspection fees charged to district residents for services provided.  
ACTION REQUESTED: Information and/or direction
  
- h. District Website  
Requested by Director Ploetz at the meeting August 18, 2022 to discuss the status of the website and ways to update to bring the information current.  
ACTION REQUESTED: Information and/or direction
  
- i. Employment Contract  
To discuss and/or approve the Administrative Manager's employment contract  
ACTION REQUESTED: Approve

11. CONTINUING BUSINESS

a. Emergency Access Roads.

Director Ploetz will provide an update on the status of the District's Emergency Access Road

12. CLOSED SESSION

a. With respect to every item of business to be discussed in closed session pursuant to Section 54956.8

- i) Conference with negotiators for the following real property  
2319 Panoramic, Lot 1, Vista  
Negotiating Parties: Jim Elliott, Director; Read Miller, Director  
Under Negotiation: Both Price and Terms of Payment

13. DIRECTORS' ANNOUNCEMENTS & WRITTEN COMMUNICATIONS

Directors are invited to make announcements and share written communications.

14. MOTION FOR ADJOURNMENT

**VISTA FIRE PROTECTION DISTRICT**  
**Special (*in lieu of regular*) Board of Directors Meeting**  
**Minutes –August 18, 2022**

*These minutes reflect the order in which items appeared on the meeting agenda and do not necessarily reflect the order in which items were considered.*

**REGULAR AGENDA**

Director Fougner called to order the special meeting of the Vista Fire Protection District Board of Directors at 6:00 PM at the “Smart Space” conference room located at 450 South Melrose Drive, Vista CA.

*Pledge of Allegiance*

Director Elliott led the assembly in the Pledge of Allegiance.

1. Roll Call

Directors Present: Elliott, Fougner, Gomez, Miller,

Directors via Zoom: Ploetz

Directors Absent: None

Staff Present: Ned Vander Pol, Fire Chief; Jeremy Nichols, Fire Inspector, and Fred Pfister, Esq., Legal Counsel.

2. Approval of this Meeting’s Agenda

MOTION BY DIRECTOR ELLIOT, SECOND BY DIRECTOR MILLER, and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN to approve the agenda as submitted, with consensus to reorder agenda items 8. A. to discuss time certain; 7. B; and 10. D.

3. Open Discussion with the Board (Public Comment)

Mr. Ishaq Haid, President, Vista Valley Home Owners Association (HOA) and Mr. Serge Drovatschewsky addressed the board with their concerns regarding evacuations in the event of a wildfire or other emergency. They sought from the board information and/or a presentation to the residents to explain what to expect in such an event. Chief Ned Vander Pol, along with the appropriate staff offered to attend their HOA meeting to explain the evacuation process, answer any questions, and provide any additional information. Director Gomez was assigned to coordinate with Chief Vander Pol the meeting between the Fire Department representatives and the HOA.

4. Approval of the Minutes

MOTION BY DIRECTOR ELLIOTT, SECOND BY DIRECTOR GOMEZ, CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN to approve the following minutes as submitted:

a. Board of Directors Regular Meeting minutes held July 13, 2022

5. Fire Department Reports

a. *District Fire Inspector:* Fire Inspector Nichols summarized the previous month’s activities. He updated the Board the status of weed abatement inspections. He reported that approximately 20 parcels remain uncleared and will be physically posted for noncompliance prior to any forced abatements.

b. *Fire Marshal:* Deputy Chief Usher was unable to attend. There was no additional information offered to the written report submitted.

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Vista Fire Protection District Board of Directors

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- c. *Fire District Performance Report:* Chief Vander Pol – no report; however, Battalion Chief Steve Wecklich is learning to prepare the monthly report.
  
- d. *Fire Chief Update:* Chief Vander Pol reported the following:
  - i. Fire Mitigation Fee Annual Report is in the final stages of preparation and the responsibility will be turned over to the Administrative Manager
  - ii. Wildfire season – the Santa Ana winds, typical to September and October is estimated to be six wind events, and that the fire activity is anticipated to be above normal
  - iii. SAFER Grant – there is no word to date if the Grant has been approved. This grant would fund a 5th ambulance with two firefighters
  - iv. Five new hires are in backgrounds, with an anticipated start date at the end of October. Chief Vander Pol responded to questions from the Board.

6. Officers' Reports

- a. *Accounts Payable:* MOTION BY DIRECTOR PLOETZ, SECOND BY DIRECTOR ELLIOTT, and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN approving the July 2022 Accounts Payable and Payroll Requests that include the Treasurer's certification for the availability of funds.
  
- b. *Treasurer's Report:* Director Elliott reviewed the reports in the absence of the Treasurer. He discussed the following topics:
  - i. Fire Mitigation Fee Fund Balance: deferred the discussion to the Public Hearing for Fire Mitigation Fees
  - ii. Investment Portfolio as of July 31: the investment totals and rates of return were provided for information. Director Elliott reported that he and the Administrative Manager met with the Treasurer about rebalancing the portfolio. Interest rates continue to climb. He responded to questions from the board.
  
- c. *Administrative Manager's Report:* Ms. Rannals submitted reports on several matters on the agenda but was unable to attend due to the change in meeting schedule.
  
- d. *Legal Affairs:* Mr. Pfister – nothing to report.

7. Committee Reports

- a. *Fuel Modification:* Chief Vander Pol reported that Deputy Chief Usher is leading the work on recommendations from the Anchor Point study. He was unable to attend the meeting and this subject will be deferred to next month.
  
- b. *Response Times:* FireStats Consultant Mr. Paul Rottenberg presented the results of his analysis on Department response times within the District. His objective was to determine the causes for differing travel times in the District as compared to travel times to the City. He looked at several variables (e.g., distance from stations, elevations, and the number of intersections, which is a proxy for distance), and for his analysis he used five years of data.

He graphically showed the results noting his conclusion has negative findings. In summary, there is no material factor in the differences in response times other than the distance to the call.

President Fougner solicited from the subcommittee and all board members their views on the results. Director's Miller and Gomez were both satisfied of the work, and believe that the report verifies what the Fire Chief has been telling the Board. The discussion also covered how best to report and monitor the data going forward. Chief Vander Pol agreed to work with the subcommittee and the consultant to provide a recommendation at the next meeting. The consultant also agreed to deliver a copy of the presentation by the next meeting to the Fire Chief and subcommittee.

*Recess 7:44 pm – 7:54 pm*

8. Special Matters Designated for Consideration – Time Certain – 6:15 pm

- a. *Fifth Hearing on Proposals for Creating District Divisions for Elections:* President Fougner opened the public hearing at 6:15pm. He introduced Elizabeth Stitt from Redistricting Partners who participated remotely. Ms. Stitt delivered a PowerPoint presentation that summarized the previous direction given by the Board in developing the district maps, noting that this meeting fulfills the five (5) meeting requirement.

During her presentation she reported that there were some shapes missing from the original file submitted for the district boundaries which added approximately 500 to the district's population. She did have to make modification to the Board's preferred map B2. She moved seven (7) census blocks to rebalance the population which resulted in a total deviation of 5.2%, which is less than the 10% allowed. As for the sequencing, Divisions A, B, and C will be up for election in 2024, and Divisions D and E will be up for election in 2026. Ms. Stitt responded to questions from the board. President Fougner closed the public hearing 6:22 pm.

- b. *Resolution No. 2022-04 Adopting Division Boundaries for District Elections:* President Fougner presented the resolution, noting minor changes submitted by legal counsel to the Board for their consideration.

MOTION BY DIRECTOR MILLER, SECOND BY DIRECTOR GOMEZ to approve Resolution No. 2022-04 *entitled* Elections Changed from "At-Large" to Election from Separate Geographic Divisions on the following roll call vote:

AYES:	Elliott, Fougner, Gomez, Miller, Ploetz
NOES:	None
ABSENT:	None
ABSTAIN:	None

9. Continuing Business

- a. *Emergency Access Roads:* Director Ploetz – no report.

10. New Business

- a. *Article XIII B California Constitution Appropriation Limit*

i. Director Elliott reported on behalf of the Administrative Manager and summarized the staff report provided. He reported that she recommends that the Board of Directors select the following formula to calculate the District's new appropriation limit for the 2020/2021 fiscal year:

1. Change in California per capital personal income (5.73%) for the Cost-of-Living Factor; and
2. Change in population within San Diego County average (-.37%).

MOTION BY DIRECTOR ELLIOTT, SECOND BY DIRECTOR MILLER, and APPROVED to accept staff's recommendation for calculation of the District's appropriations limit on the following roll call vote:

AYES: Elliott, Fougner, Gomez, Miller, Ploetz  
NOES: None  
ABSENT: None  
ABSTAIN: None

b. *Resolution No. 2022-05*

Director Elliott informed the Board that this resolution required by the State of California reflects the Board's action of selecting the formula to calculate the District's appropriations limit.

MOTION BY DIRECTOR GOMEZ, SECOND BY DIRECTOR ELLIOTT, and ADOPTED Resolution No. 2022-05 *entitled* a Resolution of the Board of Directors of the Vista Fire Protection District Determining the 2021/2022 Appropriations of Tax Proceeds on the following roll call vote:

AYES: Elliott, Fougner, Gomez, Miller, Ploetz  
NOES: None  
ABSENT: None  
ABSTAIN: None

c. *Capital Improvement Plan for the Use of the Fire Mitigation Fee Revenue:*

i. *Public Hearing:* Fire Mitigation Fee Fund Multi-Year Plan – President Fougner opened and closed the public hearing. No oral or written comments were received.

ii. *Resolution No. 2022-07*

Director Elliott reported that the resolution presented is a part of the summary report prepared each year for the County of San Diego for the Fire Mitigation Fee program. The planned expenditure of \$408,000 (the reconstruction of Fire Station 3) was supported by the 7<sup>th</sup> Supplemental Amendment to the Contract with the City. This amount can change by future board action. Director Elliott responded to questions from the Board.

MOTION BY DIRECTOR ELLIOTT, SECOND BY DIRECTOR GOMEZ, and ADOPTED Resolution No. 2022-07 *entitled* A Resolution of the Board of Directors of the Vista Fire Protection District to Adopt a Capital Improvement Plan for the Use of Fire Mitigation Fee Revenue on the following roll call vote:

AYES: Elliott, Fougner, Gomez, Miller, Ploetz  
NOES: None  
ABSENT: None  
ABSTAIN: None

iii. *Receive and File Annual Report of Revenues and Expenditures*

Director Elliott reported that this annual report is required by the County of San Diego Fire Mitigation Fee Ordinance, and is a summary report of revenues received, planned expenditures and fund balances.



MOTION BY DIRECTOR MILLER, SECOND BY DIRECTOR GOMEZ, and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN receive and file the annual report.

d. *Vista Fire Protection District Conflict of Interest Code*

- i. 2022 Conflict of Interest Code Biennial Notice: Director Elliott summarized the staff report provided. The primary change is adding the position of Administrative Manager to the list of positions required to file.

MOTION BY DIRECTOR ELLIOTT, SECOND BY DIRECTOR GOMEZ, and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN to Authorize the Administrative Manager as the Chief Executive Officer to execute the form, and authorize the Administrative Manager to certify to the County of San Diego Clerk of the Board no later than October 1, 2022 that amendments are necessary to the District's code

ii. *Resolution No. 2022-06*

MOTION BY DIRECTOR ELLIOTT, SECOND BY DIRECTOR GOMEZ, and ADOPTED Ordinance No. 2022-06 entitled A Resolution of the Board of Directors of the Vista Fire Protection District Amending the Fair Political Practices Commission's Standard Conflict of Interest Code and Candidate Disclosure Statement and Repealing Board Action on November 14, 2018 on the following roll call vote:

AYES:	Elliott, Fougner, Gomez, Miller, Ploetz
NOES:	None
ABSENT:	None
ABSTAIN:	None

- e. *Formation of Temporary Subcommittee on County Public Works:* Director Elliott introduced Jerry Hill, a former director of the Fire District. He summarized his Director's report included with the meeting material and recommended that the Board authorize the formation of an ad hoc subcommittee comprised of one Board Member and one citizen to monitor, promote, and advocate on behalf of VFPD for projects promoting fire safety, fire response, and emergency access within the District. As a part of his recommendation, The Board of Directors would appoint Director Ploetz as the VFPD Board Member and Citizen Jerry Hill to the ad hoc committee.

MOTION BY DIRECTOR GOMEZ, SECOND BY DIRECTOR MILLER, and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN to form an ad hoc Committee on Public Works comprised of one (1) board member, Director Ploetz and one (1) citizen, Jerry Hill.

11. CLOSED SESSION

Pursuant to the following sections, the board met in closed session from 8:43 – 909 pm, and discussed the following:

- a. With respect to every item of business to be discussed in closed session pursuant to Section 54957: Public Employment  
Title: Administrative Manager  
*All board members listed and Mr. Fred Pfister, Attorney, White & Bright and participated in this discussion.*

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- b. With respect to every item of business to be discussed in closed session pursuant to Section 54956.8: Conference with negotiators for the following real property:  
2319 Panoramic, Lot 1, Vista  
Negotiating Parties: Jim Elliott, Director; Read Miller, Director  
Under Negotiation: Both Price and Terms of Payment  
*All board members listed and Mr. Fred Pfister, Attorney, White & Bright and participated in this discussion.*

Upon reconvening to open session, President Fougner announced that for Item 11.a. direction was given to President Fougner and Director Elliot to amend the employment contract for the Administrative Manager. A revised contract will be included on the agenda for the next regular meeting; and for Item 11. b. he reported that there was no action taken.

12. Directors' Announcements & Written Communications

- a. *President Fougner*: he reported that the meeting package included his written response to the letter recently sent by the City of Vista City Manager, as well as recent communication from County of San Diego Department of Public Works regarding the Lone Oak Culvert Headwall Repair Project.
- b. *Director Ploetz*: he conveyed his appreciation to the accommodation to the meeting change. He also expressed his concern to the District's website and the needed updates. Perhaps a committee could be formed to improve the website.

12. Motion for Adjournment

MOTION BY DIRECTOR GOMEZ, SECOND BY DIRECTOR ELLIOTT and CARRIED 5 AYES; 0 NOES; 0 ABSENT; 0 ABSTAIN to adjourn at 9:13 pm.

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Karlana Rannals  
Board Clerk

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Robert Fougner  
President

**VISTA FIRE PROTECTION DISTRICT  
ACCOUNTS PAYABLE  
AUGUST 31, 2022**

I have reviewed the Accounts Payable and have determined that sufficient funds are available. The accounts payables listed are typical in nature for the VFPD.

*Jeffrey C. Holden*

COMMITTEE ASSIGNED	PAYEE & ADDRESS	DESCRIPTION	
Admin	COPELAND, MIRANDA & BENNER CPAs 955 VALE TERRACE DR, SUITE A VISTA, CA 92084	TREASURER DUTIES CPA DUTIES	\$1,968.75
Admin	WHITE AND BRIGHT 970 CANTERBURY PLACE ESCONDIDO, CA 92025	LEGAL FEES - DISTRICT BUSINESS INVOICE # 8204	\$2,588.39
Admin	STREAMLINE P.O. BOX 207561, DALLAS, TX 75320-7561	MONTHLY BILL FOR WEB HOSTING INVOICE # 67009CA4-0022	\$75.00
Fin'l	CITY OF VISTA 200 CIVIC CENTER DR, VISTA, CA 92084	APPORTIONMENT #1, INV# 22405 APPORTIONMENT #2, INV# 22480	\$52,985.62 \$24,433.66
Fin'l	BUSINESS OWNER'S INSURANCE AGENCY 9466 BLACK MOUNTAIN RD, #250 SAN DIEGO, CA 92126	INVOICE # 6640 POLICY PERIOD 9/26/2022 - 9/26/2023	\$4,575.00
Facilities	AZTEC LANDSCAPING 7980 LEMON GROVE WAY LEMON GROVE, CA 91945	EMERGENCY ACCESS ROADS, INV# L1904 PAR VALLEY, FABRY LANE, CATALINA & DEEB HARDELL LANE, EL PASO ALTO, AUGUST 2022	\$2,082.00
Facilities	LITTLE YELLOW BUDDIES 13615 FAIRLANE RD VALLEY CENTER, CA 92082	INVOICE # 261 (HYDRANTS SERVICED AUGUST '22)	\$1,674.00
Admin	KARLENA RANNALS	REIMB. DISTRICT EXPENDITURES - OUT OF POCKET FOR SUPPLIES, ETC. & VERIZON PHONE	\$47.00 \$149.23
Fin'l	U.S. TREASURY (PAYROLL TAX)	FEDERAL FORM 941-EFT VIA EFTPS-DEPOSIT	\$914.80
Fin'l	E.D.D. (PAYROLL TAX)	STATE FORM DE88-EFT VIA EDD WEBSITE-DEPOSIT	\$117.11
Admin	PAYROLL: KARLENA RANNALS	AUGUST 2022 ADMINISTRATIVE MANAGER	\$3,152.99
			\$94,763.55
	Director	DATE: SEPTEMBER 14, 2022	
	Director	DATE: SEPTEMBER 14, 2022	
	Director	DATE: SEPTEMBER 14, 2022	

COPELAND, MIRANDA AND BENNER, CPAs  
955 VALE TERRACE DR., STE A  
VISTA, CA 92084  
(760) 758-3815

ACCOUNT #  
901

DATE 8/31/2022

VISTA FIRE PROTECTION DISTRICT  
C/O JEFFREY GOLDEN  
955 VALE TERRACE DRIVE, SUITE A  
VISTA, CA 92084

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BALANCE FORWARD	\$	0.00
LESS: CASH RECEIPTS		0.00
A/R ADJUSTMENTS		
VFPD Board Treasurer Services		\$1,968.75
VFPD CPA Services		
Preparation of Account Payable Report		
Preparation of Investment Report		
Postage		
CURRENT CHARGES	\$	<u>1,968.75</u>
LATE FEE		0.00
DUE UPON RECEIPT	\$	<u><u>1,968.75</u></u>

WE APPRECIATE YOUR PATRONAGE AND HOPE THAT OUR SERVICE HAS MET YOUR  
NEEDS! PLEASE CALL OUR OFFICE IF YOU HAVE ANY QUESTIONS OR COMMENTS.

\*\*\*\*\*  
A LATE FEE WILL BE CHARGED AT 1.5% PER MONTH ON BALANCES OVER 30 DAYS.  
PLEASE INDICATE YOUR ACCOUNT NUMBER ON YOUR CHECK. THANK YOU!

# Invoice



Invoice number 67009CA4-0022  
Date of issue September 1, 2022  
Date due October 1, 2022

**Streamline**  
United States  
+1 916-900-6619  
support@getstreamline.com

**Bill to**  
Robert Fougner - Vista Fire  
Protection District  
955 Vale Terrace  
Vista, California 92084  
United States  
+1 760-941-4464  
robert@vistawire.net

**\$75.00 due October 1, 2022**

[Pay online](#)

Description	Qty	Unit price	Amount
Streamline Web Member 250k-500k Sep 1 – Oct 1, 2022	1	\$75.00	\$75.00
		<b>Subtotal</b>	<b>\$75.00</b>
		<b>Total</b>	<b>\$75.00</b>
		<b>Amount due</b>	<b>\$75.00</b>

Need our W-9 for tax purposes? You can download it at [www.getstreamline.com/w9](http://www.getstreamline.com/w9)

**Pay with ACH or wire transfer**

Bank transfers, also known as ACH payments, can take up to five business days. To pay via ACH, transfer funds using the following bank information.

Bank name WELLS FARGO BANK, N.A.  
Routing number 121000248  
Account number 40630162228044533  
SWIFT code WFBIUS6S

**Pay \$75.00 by check**

Make payable to Streamline  
Memo 67009CA4-0022  
PO Box 207561  
Mail to Dallas, TX 75320-7561

Please enclose a printed copy of this Invoice PDF and use USPS. (Courier services may not deliver to PO Boxes.) Once received, checks are processed within 3 business days.

# Copeland, Miranda & Benner CPAs

955 Vale Terrace Drive, Suite A  
Vista, CA 92084  
(O) 760-758-3815 (Fax) 760-758-2628  
[Jgolden@vistacpa.com](mailto:Jgolden@vistacpa.com)

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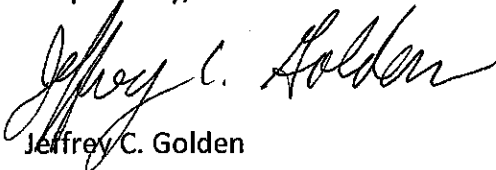
Jeffrey C. Golden, Treasurer  
Vista Fire Protection District

September 15, 2022

Vista Fire Protection District  
Board of Directors,

I am certifying that the attached invoice numbers 22405 and 22480, in the amounts of \$52,985.62 and \$24,433.66, respectively, from the City of Vista are accurate per the Contract conditions set forth in the agreement between the City of Vista and the Vista Fire Protection District (reference Section 3.B.2) and made effective August 1, 2010.

Respectfully,



Jeffrey C. Golden  
Treasurer



City of Vista  
 200 Civic Center Drive  
 Vista, CA 92084  
 (760) 643-5248

**INVOICE**

Customer Copy

CUSTOMER	INVOICE DATE	INVOICE NUMBER	AMOUNT PAID	DUE DATE	INVOICE TOTAL DUE		
VISTA FIRE PROTECTION DISTRICT	08/22/2022	22405	\$0.00	09/21/2022	\$52,985.62		
DESCRIPTION	QTY	PRICE	UOM	ORIGINAL BILL	ADJUSTED	PAID	AMOUNT DUE
VFPD REVENUE							
VFPD REVENUE	1	\$52,985.62	EACH	\$52,985.62	\$0.00	\$0.00	\$52,985.62
APPORT #1							
<b>Invoice Total:</b>						<b>\$52,985.62</b>	

DUE UPON RECEIPT

✂ DETACH AND RETURN THE PORTION BELOW WITH YOUR PAYMENT ✂

Promptly Send Payment To:



City of Vista  
 Finance - AR  
 200 Civic Center Drive  
 Vista, CA 92084

2266  
 VISTA FIRE PROTECTION DISTRICT  
 955 VALE TERRACE DR., STE. A  
 VISTA, CA 92084

**INVOICE**

Remit Portion

Invoice Date	08/22/2022
Invoice Number	22405
Customer Number	2266
Amount Paid	\$0.00
Due Date	09/21/2022
Invoice Total Due	\$52,985.62

Please put Customer Number on your check.  
 Make Checks Payable to: City of Vista.

	CURRENT SECURED 08/01/22	CURRENT UNSECURED 08/01/22	DLQ UNSECURED 08/01/22	DLQ UNSEC ST UNITARY 08/01/22	DU UNITARY-RAILRD 08/01/22
<b>CHARGES</b>					
OPENING		96,541.88	16,830.66	27.23	17.27
SUPPLEMENTAL CORRECTIONS		246.73	1,312.59		10.24
PRIOR YEAR ESCAPES	1,309.36	4,608.21			
PENALTIES/INTEREST COSTS					
2% PASS THRU NET ADJUSTMENTS	1,309.36	4,854.94	1,312.59		10.24
TOTAL RECEIVABLES	1,309.36	101,396.82	18,143.25	27.23	27.51
<b>COLLECTIONS</b>		08/01/22	08/01/22		
TAXES		54,418.42	350.55		
PRIOR YEAR ESCAPES		131.03	52.36		
PENALTIES/INTEREST COSTS					
2% PASS THRU TOTAL COLLECTED TO DATE		54,549.45	402.91		
REMAINING RECEIVABLES	1,309.36	46,847.37	17,740.34	27.23	27.51
<b>DISTRIBUTIONS</b>		08/01/22	08/01/22		
TAXES					
PR YR ESC					
PEN/INT					
COSTS					
2% PASS THRU PRIOR TOTAL PRIOR DISTRIBUTED					
TAXES		54,418.42	350.55		
PR YR ESC		131.03	52.36		
PEN/INT					
COSTS					
2% PASS THRU PRIOR ALLOCATED		54,549.45	402.91		
TOTAL DISTRIBUTED THIS RUN	0.00	54,549.45	402.91	0.00	0.00
REFNDS/ADJUSTMNTS THIS RUN	0.00	0.00	274.41-	0.00	0.00
NET THIS RUN	0.00	54,549.45	128.50	0.00	0.00

	CURRENT SEC SUPP 08/01/22	CURRENT UNSEC SUPP 08/01/22	DLQ UNSEC SUPP 08/01/22	FUND SUMMARY
<b>CHARGES</b>				
OPENING			6,196.52	119,613.56
SUPPLEMENTAL CORRECTIONS				1,569.56
PRIOR YEAR ESCAPES	3,218.19	68.43	12.31-	9,191.88
PENALTIES/INTEREST COSTS				
2% PASS THRU NET ADJUSTMENTS	3,218.19	68.43	12.31-	10,761.44
TOTAL RECEIVABLES	3,218.19	68.43	6,184.21	130,375.00
<b>COLLECTIONS</b>	08/01/22	08/01/22	08/01/22	
TAXES				54,768.97
PRIOR YEAR ESCAPES	3,757.12	11.88	673.68	4,626.07
PENALTIES/INTEREST COSTS				
2% PASS THRU TOTAL COLLECTED TO DATE	3,757.12	11.88	673.68	59,395.04
REMAINING RECEIVABLES	538.93-	56.55	5,510.53	70,979.96
<b>DISTRIBUTIONS</b>	08/01/22	08/01/22	08/01/22	
TAXES				
PR YR ESC				
PEN/INT				
COSTS				
2% PASS THRU PRIOR TOTAL PRIOR DISTRIBUTED				
TAXES				54,768.97
PR YR ESC	3,757.12	11.88	673.68	4,626.07
PEN/INT				
COSTS				
2% PASS THRU PRIOR ALLOCATED	3,757.12	11.88	673.68	59,395.04
TOTAL DISTRIBUTED THIS RUN	3,757.12	11.88	673.68	59,395.04
REFNDS/ADJUSTMNTS THIS RUN	202.16-	0.59-	44.97-	522.13-
NET THIS RUN	3,554.96	11.29	628.71	58,872.91

0.0

58,872.91 x  
 0.9 =  
 52,985.62 \*

*JM 9/14/22*





City of Vista  
 200 Civic Center Drive  
 Vista, CA 92084  
 (760) 643-5248

**INVOICE**

Customer Copy

CUSTOMER	INVOICE DATE	INVOICE NUMBER	AMOUNT PAID	DUE DATE	INVOICE TOTAL DUE		
VISTA FIRE PROTECTION DISTRICT	09/08/2022	22480	\$0.00	10/08/2022	\$24,433.66		
DESCRIPTION	QTY	PRICE	UOM	ORIGINAL BILL	ADJUSTED	PAID	AMOUNT DUE
VFPD REVENUE							
VFPD REVENUE	1	\$24,433.66	EACH	\$24,433.66	\$0.00	\$0.00	\$24,433.66
APPORT #2							
<b>Invoice Total</b>						<b>\$24,433.66</b>	

DUE UPON RECEIPT

..... ✂ DETACH AND RETURN THE PORTION BELOW WITH YOUR PAYMENT ✂ .....

Promptly Send Payment To:



City of Vista  
 Finance - AR  
 200 Civic Center Drive  
 Vista, CA 92084

**INVOICE**

Remit Portion

Invoice Date	09/08/2022
Invoice Number	22480
Customer Number	2266
Amount Paid	\$0.00
<b>Due Date</b>	<b>10/08/2022</b>
<b>Invoice Total Due</b>	<b>\$24,433.66</b>

2266  
 VISTA FIRE PROTECTION DISTRICT  
 955 VALE TERRACE DR., STE. A  
 VISTA, CA 92084

Please put Customer Number on your check.  
 Make Checks Payable to: City of Vista.

	CURRENT SECURED 08/29/22	CURRENT UNSECURED 08/29/22	DLQ UNSECURED 08/29/22	DLQ UNSEC ST UNITARY 08/01/22	DU UNITARY-RAILRD 08/01/22
<b>CHARGES</b>					
OPENING		96,541.88	16,830.66	27.23	
SUPPLEMENTAL CORRECTIONS		187.89	1,201.61		10.24
PRIOR YEAR ESCAPES PENALTIES/INTEREST COSTS	1,700.16	4,779.03			
2% PASS THRU NET ADJUSTMENTS	1,700.16	4,966.92	1,201.61		10.24
TOTAL RECEIVABLES	1,700.16	101,508.80	18,032.27	27.23	27.51
<b>COLLECTIONS</b>	08/29/22	08/29/22	08/29/22		
TAXES		72,428.60	517.56		
PRIOR YEAR ESCAPES PENALTIES/INTEREST COSTS	.61	276.60	139.28		
2% PASS THRU TOTAL COLLECTED TO DATE	.61	72,705.20	656.84		
REMAINING RECEIVABLES	1,699.55	28,803.60	17,375.43	27.23	27.51
<b>DISTRIBUTIONS</b>	08/29/22	08/29/22	08/29/22		
TAXES		54,418.42	350.55		
PR YR ESC PRIOR		131.03	52.36		
PEN/INT PRIOR					
COSTS PRIOR					
2% PASS THRU PRIOR					
TOTAL PRIOR DISTRIBUTED		54,549.45	402.91		
TAXES THIS RUN		18,010.18	167.01		
PR YR ESC THIS RUN	.61	145.57	86.92		
PEN/INT THIS RUN					
COSTS THIS RUN					
2% PASS THRU THIS RUN					
ALLOCATED THIS RUN	.61	72,705.20	656.84		
TOTAL DISTRIBUTED THIS RUN	0.61	18,155.75	253.93	0.00	0.00
REFNDS/ADJUSTMNTS THIS RUN	0.61-	0.00	253.93-	0.00	0.00
NET THIS RUN	0.00	18,155.75	0.00	0.00	0.00

	CURRENT SEC SUPP 08/29/22	CURRENT UNSEC SUPP 08/29/22	DLQ UNSEC SUPP 08/29/22	FUND SUMMARY
<b>CHARGES</b>				
OPENING			6,196.52	119,613.56
SUPPLEMENTAL CORRECTIONS		.03		1,399.77
PRIOR YEAR ESCAPES PENALTIES/INTEREST COSTS	24,795.59	1,318.53	62.64-	32,530.67
2% PASS THRU NET ADJUSTMENTS	24,795.59	1,318.56	62.64-	33,930.44
TOTAL RECEIVABLES	24,795.59	1,318.56	6,133.88	153,544.00
<b>COLLECTIONS</b>	08/29/22	08/29/22	08/29/22	
TAXES				72,946.16
PRIOR YEAR ESCAPES PENALTIES/INTEREST COSTS	12,876.78	45.65	1,087.83	14,426.75
2% PASS THRU TOTAL COLLECTED TO DATE	12,876.78	45.65	1,087.83	87,372.91
REMAINING RECEIVABLES	11,918.81	1,272.91	5,046.05	66,171.09
<b>DISTRIBUTIONS</b>	08/29/22	08/29/22	08/29/22	
TAXES				54,768.97
PR YR ESC PRIOR	3,757.12	11.88	673.68	4,626.07
PEN/INT PRIOR				
COSTS PRIOR				
2% PASS THRU PRIOR				
TOTAL PRIOR DISTRIBUTED	3,757.12	11.88	673.68	59,395.04
TAXES THIS RUN				18,177.19
PR YR ESC THIS RUN	9,119.66	33.77	414.15	9,800.68
PEN/INT THIS RUN				
COSTS THIS RUN				
2% PASS THRU THIS RUN				
ALLOCATED THIS RUN				
TOTAL DISTRIBUTED TO DATE	12,876.78	45.65	1,087.83	87,372.91
TOTAL DISTRIBUTED THIS RUN	9,119.66	33.77	414.15	27,977.87
REFNDS/ADJUSTMNTS THIS RUN	528.03-	1.69-	45.10-	829.36-
NET THIS RUN	8,591.63	32.08	369.05	27,148.51

27,148.51 x  
 0.9 =  
 24,433.66 \*

*JW*  
 9/14/22

Business Owner's Ins. Agency  
 9466 Black Mountain Rd. #250  
 San Diego, CA 92126  
 Phone: 858-874-0101 Fax: 858-874-3801

<b>INVOICE NO. 6640</b>		Page 1
ACCOUNT NO. OP	DATE	
VISTA-4 FF	09/08/2022	
PRODUCER		
John M. Bilotta		
BALANCE DUE ON		
09/26/2022		
AMOUNT PAID	AMOUNT DUE	
	\$4,575.00	

Vista Fire Protection District  
 Robert B. Fougner  
 955 Vale Terrace Dr., Ste. A  
 Vista, CA 92084

Itm #	Due Date	Trn	Type	Description	Amount
82081	09/26/22	MEM	PCKG	Renewal 2022-2023	\$4,575.00
Invoice Balance:					\$4,575.00

Please make check payable to Business Owner's Insurance Agency, thank you!



# AZTEC

## LANDSCAPING, INC.

7980 Lemon Grove Way, Lemon Grove, CA 91945  
 State Contractor's Lic. No. 642504  
 Equal Opportunity Employer

# Invoice

Date	Invoice #
8/31/2022	L1904

Bill To
VISTA FIRE PROTECTION DISTRICT VALE TERRACE DR. SUITE A VISTA, CA 92084

Job Site

Contract No.	P.O. Number	Quote Number	Account #	Terms	
			626	Net 30	
Description			Quantity	Price Each	Amount
Monthly Maintenance Service for the Emergency Access Roads/Weed Abatement Par Valley, Fabry Lane, Catalina & Deeb, Hardell Lane, El Paso Alto Monthly Cost				2,082.00	2,082.00
AUGUST 2022					
Thank you for your business.			<b>Total</b>		\$2,082.00
			<b>Payments/Credits</b>		\$0.00
			<b>Balance Due</b>		\$2,082.00

From: johnploetz@att.net,  
To: starcpas@aol.com, read@readmiller.com,  
Subject: Re: Invoice L1904 from Aztec Landscaping Inc, Service for August 2022  
Date: Thu, Sep 1, 2022 12:11 pm  
Attachments: Inv\_L1904\_from\_Aztec\_Landscaping\_Inc\_14968.pdf (222K), August 2022 Vista Fire.pdf (1451K)

---

OK to pay this

JP

Sent from my iPhone

On Sep 1, 2022, at 12:27 PM, Susana Michel <susana@azteclandscaping.com> wrote:

Aztec Landscaping Inc.

**Invoice** Due: 09/30/2022  
L1904

Amount Due: **\$2,082.00**

Dear JOHN PLOETZ:

Your Invoice-L1904 for 2,082.00 is attached. Please remit payment at your earliest convenience.

Thank you for your business - we appreciate it very much.

Sincerely,  
Aztec Landscaping Inc.

(619) 464-3303  
[www.azteclandscaping.com](http://www.azteclandscaping.com)

# Invoice

Little Yellow Buddies Fire Hydrant Services  
 13615 Fairlane Rd.  
 Valley Center, CA 92082



<b>Bill To:</b>
Vista Fire Protection District Attn: Jeffrey Golden 955 Vale Terrace Ste. A Vista, CA 92084

Date	Invoice No.	P.O. Number	Terms	Project
08/31/22	261			

Item	Description	Quantity	Rate	Amount
District Hydrants Serviced	Hydrants # 820-867, 870, 884-888, 893-894, 898-899, 915-919	62	27.00	1,674.00
			<b>Total</b>	<b>\$1,674.00</b>

C H #	H Address	H Street	Location	S Date 09	GPS Longitude	GPS Latitude	Make	Model	::Type	W D	PSI 09	High ...	B Dot 09	Lube 09	Map
820	1438	Ridge Road.		8/1/22	W117.25793	N33.18150	Jones	344	Public	Vista	100	No	No	Yes	Yes
821	1305	Ridge Road		8/1/22	W117.25536	N33.18104	Jones	3700	Public	Vista	120	No	No	Yes	Yes
822	1245	Ridge Road.	city/district border	8/1/22	W117.25413	N33.18078	Clow	2050	Public	Vista	115	No	No	Yes	Yes
823	1410	Melrose Way. @ Marsopa Drive.		8/1/22	W117.26210	N33.18434	Jones	3700	Public	Vista	120	No	No	Yes	Yes
824	702	Pomelo Drive.		8/1/22	W117.26422	N33.18569	Clow	2050	Public	Vista	120	No	No	Yes	Yes
825	1526	Melrose Way.		8/1/22	W117.26433	N33.18361	Clow	2050	Public	Vista	120	No	No	Yes	Yes
826	1678	Sunset Drive.		8/1/22	W117.26573	N33.18144	Clow	2050	Public	Vista	120	No	No	Yes	Yes
827		Melrose Way. @ Sunset Drive.		8/1/22	W117.26718	N33.18215	Jones	344	Public	Vista	135	No	No	Yes	Yes
828	1800	Sunset Drive.		8/2/22	W117.26941	N33.18216	Clow	2050	Public	Vista	120	No	No	Yes	Yes
829		Sunset Drive. @ Marazon Lane.		8/2/22	W117.27044	N33.18314	Clow	2050	Public	Vista	120	No	No	Yes	Yes
830	1889	Sunset Drive.		8/2/22	W117.27191	N33.18313	Jones	3700	Public	Vista	120	No	No	Yes	Yes
831	712	Walton Way.		8/2/22	W117.27340	N33.18472	Jones	3700	Public	Vista	115	No	Yes	Yes	Yes
832	801	Busch Drive. @ Sunset Drive.		8/2/22	W117.27499	N33.18370	Jones	3700	Public	Vista	120	No	No	Yes	Yes
833	903	Busch Dr. @ Paradise Ranch Road.		8/2/22	W117.27628	N33.18207	Clow	2050	Public	Vista	120	No	No	Yes	Yes
834	752	Busch Drive.	past gate on cottonwood extension	8/2/22	W117.27505	N33.18526	Clow	2050	Public	Vista	130	No	Yes	Yes	Yes
835	2020	Sunset Dr.	at church entrance	8/2/22	W117.27654	N33.18391	Jones	3700	Public	Vista	130	No	No	Yes	Yes
836	250	Rockhill Road.		8/2/22	W117.21221	N33.20430	Clow	2050	Public	Vista	105	No	Yes	Yes	Yes
837	311	Rockhill Road.		8/2/22	W117.21167	N33.20407	Clow	2050	Public	Vista	95	No	Yes	Yes	Yes
838	2470	Hibiscus Avenue.		8/3/22	W117.21883	N33.15905	Jones	3700	Public	Vista	110	No	No	Yes	Yes
839		Hibiscus Avenue. @ Plumosa Ave.		8/3/22	W117.21818	N33.15826	Clow	2050	Public	Vista	110	No	No	Yes	Yes
840	721	Plumosa Avenue.		8/3/22	W117.21476	N33.16089	Jones	3700	Public	Vista	75	No	No	Yes	Yes
841	2422	Plumosa Court.		8/3/22	W117.21417	N33.16226	Jones	3700	Public	Vista	100	No	No	Yes	Yes
842		Plumosa Avenue. @ Plumosa Court.		8/3/22	W117.21364	N33.16159	Jones	3700	Public	Vista	75	No	Yes	Yes	Yes
843	541	Plumosa Avenue.		8/3/22	W117.21247	N33.16222	Clow	2050	Public	Vista	75	No	No	Yes	Yes
844	539	Plumosa Avenue.		8/3/22	W117.21243	N33.16327	Clow	2050	Public	Vista	85	No	Yes	Yes	Yes
845	839	Mimosa Avenue.		8/4/22	W117.21646	N33.15554	Jones	3700	Public	Vista	160	Yes	Yes	Yes	Yes
846	908	Mimosa Avenue.		8/4/22	W117.21761	N33.15450	Jones	3700	Public	Vista	150	Yes	No	Yes	Yes
847	969	Mimosa Avenue.		8/4/22	W117.21775	N33.15346	Jones	3700	Public	Vista	130	No	Yes	Yes	Yes
848	1041	Mimosa Avenue.		8/4/22	W117.21645	N33.15445	Jones	3700	Public	Vista	150	Yes	No	Yes	Yes
849		Oleandar Avenue. @ Oleandar Place.		8/4/22	W117.21443	N33.15579	Clow	2050	Public	Vista	130	No	No	Yes	Yes
850	815	Oleandar Place.	at end of easement.	8/4/22	W117.21545	N33.15372	Jones	3700	Public	Vista	120	No	No	Yes	Yes
851	797	Oleandar Place.		8/4/22	W117.21508	N33.15441	Jones	3700	Public	Vista	120	No	No	Yes	Yes
852		Oleandar Ave. @ Poinsettia Ave.	end of district.	8/4/22	W117.21138	N33.15429	AVK	2462	Public	Vista	120	No	Yes	Yes	Yes
853	430	Mimosa Avenue.		8/4/22	W117.20829	N33.15848	Jones	3700	Public	Vista	160	Yes	No	Yes	Yes
854	553	Poinsettia Avenue.	Dirt extension off Mimosa	8/4/22	W117.20969	N33.15741	Clow	2050	Public	Vista	160	Yes	No	No	Yes
855	415	Mimosa Avenue.	Up easement at end in front yard.	8/5/22	W117.21048	N33.16092	Clow	2050	Public	Vista	145	No	No	Yes	Yes
856	433	Mimosa Avenue.		8/5/22	W117.21009	N33.15954	Jones	3700	Public	Vista	160	Yes	No	Yes	Yes
857	526	Mimosa Avenue.		8/5/22	W117.21127	N33.15857	Clow	2050	Public	Vista	155	Yes	No	Yes	Yes
858	641	Mimosa Avenue.		8/5/22	W117.21305	N33.15741	AVK	2462	Public	Vista	155	Yes	No	Yes	Yes
859	2728	Oleander Avenue. @ Mimosa Ave.		8/5/22	W117.21545	N33.15656	Clow	2050	Public	Vista	130	No	No	Yes	Yes
860		Linda Vista Dr. @ Linda Vista Court.		8/4/22	W117.22116	N33.13686	Jones	3700	Public	Vista	110	No	No	Yes	Yes
861	3231	Linda Vista Drive.	in front yard next to pepper tree.	8/4/22	W117.22066	N33.13760	Jones	3700	Public	Vista	110	No	No	No	Yes
862	2025	Abelia Lane.		8/5/22	W117.20889	N33.17171	Jones	3700	Public	Vista	155	Yes	Yes	Yes	Yes
863	117	W. Palmyra Drive.	down easement at the end.	8/5/22	W117.20787	N33.17157	Clow	2050	Public	Vista	130	No	No	Yes	Yes
865	860	Valley Drive.	up easement at split.	8/5/22	W117.21067	N33.19395	Clow	2050	Public	Vista	100	No	Yes	Yes	Yes
866	1505	Olive Avenue.	in district island within the city.	8/5/22	W117.27230	N33.20482	Jones	3700	Public	Vista	60	No	No	Yes	Yes
867	853	Ormsby Street.		8/8/22	W117.23048	N33.24711	Clow	2050	Public	Vista	65	No	No	Yes	Yes
870	4164	Pico Road.	at end of pico at split. the wild residence	8/10/22	W117.17607	N33.26308	Jones	3700	Public	Rainbow	30	No	No	Yes	Yes
884	1027	Lau Hala Canyon Road.		8/1/22	W117.25430	N33.17580	Jones	3700	Public	Vista	95	No	No	Yes	Yes
885	653	Poinsettia Ave. School	driveway at multi purpose room	8/4/22	W117.21092	N33.15578	Clow	2472	Public	Vista	130	No	No	Yes	Yes
886	653	Poinsettia Ave. School	near front office	8/4/22	W117.21179	N33.15578	Clow	2472	Public	Vista	130	No	No	Yes	Yes
887	653	Poinsettia Ave. School	west end of driveway	8/4/22	W117.21304	N33.15589	Clow	2472	Public	Vista	130	No	No	Yes	Yes

C H #	H Address	H Street	Location	S Date 09	GPS Longitude	GPS Latitude	Make	Model	::Type	W D	PSI 09	High ...	B Dot 09	Lube 09	Map
888	653	Poinsettia Ave. School	playground area near library	8/4/22	W117.21193	N33.15634	Clow	2472	Public	Vista	130	No	No	No	Yes
893		Oleandar Avenue. @ Parkwood Ave.		8/4/22	W117.21361	N33.15533	Clow	2050	Public	Vista	165	Yes	No	Yes	Yes
894		Oleandar Avenue.	300' East of Parkwood Avenue	8/4/22	W117.21250	N33.15489	Clow	2050	Public	Vista	158	Yes	No	Yes	Yes
898		El Paso Alto	in open area north of 3512	8/5/22	?	?	Unkno	Unknow	Public	Vallecito	?	No	No	No	Yes
899		End of Sugarbush Drive	approximately 1200' south in open field	8/5/22	?	?	?	Unknow	Public	Vista	?				Yes
915		Presidio Way @ Ridge Road.		8/1/22	W117.25784	N33.18710	Jones	3700	Public	Vista	120	No	No	Yes	Yes
916		Presidio Way @ Tesoro Place.		8/1/22	W117.25773	N33.18247	Jones	3700	Public	Vista	110	No	No	Yes	Yes
917		Tesoro Place @ Presidio Way.		8/1/22	W117.25773	N33.18263	Jones	3700	Public	Vista	110	No	No	Yes	Yes
918		Tesoro Place.	East end.	8/1/22	W117.25685	N33.18241	Jones	3700	Public	Vista	?	No	No	Yes	Yes
919		Tesoro Place.	West end.	8/1/22	W117.25850	N33.18259	Jones	3700	Public	Vista	110	No	No	Yes	Yes



# Vista Fire Protection District

Purpose: Reimbursement Out of Pocket Expenses

Statement Number: \_\_\_\_\_

Pay Period

from: 8/1/2022 8/31/2022

Employee Information:

Name Karlena Rannals *Karlena Rannals*

Position Administrative Manager

XXX-XX-0525

Department Administration

Manager \_\_\_\_\_

Date	Budget Category	Acct #	Vendor	Description	IT	Column2	Column3	Column4	Column5	Column7	Total
8/26/2022	Administration/Misc		Wildcreek Crossing	Lunch w/City of Vista		47.00					\$47.00
				Finance Depart & Jeff Golden							\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
											\$0.00
Total					\$0.00	\$47.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.00

SUBTOTAL \$47.00

Approved: \_\_\_\_\_

Notes: \_\_\_\_\_

ADVANCES \$0.00

TOTAL \$47.00

VISTA FIRE PROTECTION DISTRICT  
 955 VALE TERRACE DR STE A | VISTA, CA 92084  
 EIN: 95-6003430

941 Payroll Liabilities and Payments


Sep 14 - Sep 14, 2022

Wages & Accrued Taxes		Federal W/H		AEIC		Social Security		Medicare		Medicare Addl		Total Tax
Payroll Date	Wagebase	Amount	Wagebase	Amount	Wagebase	Amount	Wagebase	Amount	Wagebase	Amount	Amount	Total Tax
09/14/2022	3,887.50	320.00	-	-	3,887.50	482.06	3,887.50	112.74	-	-	-	914.80
<b>Total Wages &amp; Accrued Taxes</b>		<b>3,887.50</b>	<b>320.00</b>	<b>-</b>	<b>-</b>	<b>3,887.50</b>	<b>482.06</b>	<b>3,887.50</b>	<b>112.74</b>	<b>-</b>	<b>-</b>	<b>914.80</b>

Tax Payments		Federal W/H		AEIC		Social Security		Medicare		Medicare Addl		Total Tax
Paid to	Check Date	Payroll Date	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Total Tax	
<b>Total Tax Payments</b>												
<b>Unpaid Tax Liability</b>			<b>320.00</b>	<b>-</b>		<b>482.06</b>		<b>112.74</b>		<b>-</b>		<b>914.80</b>

Federal 941 Tax Summary		EIN: 95-6003430
Payment Amount Due		914.80
001 Social Security		482.06
002 Medicare & Medicare Addl		112.74
003 Tax Withholding		320.00

✓  


VISTA FIRE PROTECTION DISTRICT  
 955 VALE TERRACE DR STE A | VISTA, CA 92084  
 EIN: 95-6003430

**State Payroll Liabilities and Payments**

Sep 14 - Sep 14, 2022

Wages & Accrued Taxes			State W/H		State UI		State Disability		Other Taxes		Total Tax
Payroll Date	State	Wagebase	Amount	Wagebase	Amount	Wagebase	Amount	Wagebase	Amount	Total Tax	
09/14/2022	CA	3,887.50	117.11	-	-	-	-	-	-	117.11	
<b>Total Wages &amp; Accrued Taxes</b>			<b>3,887.50</b>	<b>117.11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>117.11</b>	

Tax Payments			State W/H		State UI		State Disability		Other Taxes		Total Tax
Paid to	Check Date	Payroll Date	Amount	Amount	Amount	Amount	Amount	Amount	Total Tax		
<b>Total Tax Payments</b>											
<b>Unpaid Tax Liability</b>			<b>117.11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>117.11</b>		

*— NJ*

**VISTA FIRE PROTECTION DISTRICT**  
**PAYROLL REQUEST**  
**DATE: SEPTEMBER 14, 2022**  
**PAYROLL ENDING: AUGUST 31, 2022**

EMPLOYEE	MONTH ENDING PAY PERIOD	FOR CLERK SERVICES	GROSS	FED WH	SOC. SEC.	MEDICARE	STATE WH	SDI	NET
Karlana Rannals	8/31/2022	AUGUST 2022	\$3,887.50	320.00	241.03	56.37	117.11	0.00	\$3,152.99

Approved:

	<u>9/14/2022</u>
Director	Date
	<u>9/14/2022</u>
Director	Date
	<u>9/14/2022</u>
Director	Date

Vista Fire Protection District

Payroll Period: 08/01/2022 To 08/31/2022

Name	Clock in date	Clock in time	Clock out time	Total Paid	Total Regular
Karlana Rannals	August 2 2022	8:00am	4:30pm	8.50	8.50
Karlana Rannals	August 3 2022	1:30pm	4:30pm	3.00	3.00
Karlana Rannals	August 4 2022	1:00pm	4:30pm	3.50	3.50
Karlana Rannals	August 8 2022	2:00pm	5:00pm	3.00	3.00
Karlana Rannals	August 9 2022	11:00am	3:30pm	3.25	3.25
Karlana Rannals	August 10 2022	8:15am	10:45am	2.50	2.50
Karlana Rannals	August 12 2022	10:00am	12:30pm	2.50	2.50
Karlana Rannals	August 13 2022	9:00am	12:30pm	3.50	3.50
Karlana Rannals	August 15 2022	3:00pm	3:30pm	0.50	0.50
Karlana Rannals	August 16 2022	8:00am	12:45pm	4.00	4.00
Karlana Rannals	August 25 2022	7:30am	9:30am	2.00	2.00
Karlana Rannals	August 25 2022	11:30am	4:00pm	4.50	4.50
Karlana Rannals	August 26 2022	10:00am	12:00pm	2.00	2.00
Karlana Rannals	August 26 2022	12:30pm	4:30pm	2.50	2.50
Karlana Rannals	August 27 2022	9:30am	4:15pm	6.75	6.75
Karlana Rannals	August 28 2022	10:45am	2:00pm	3.25	3.25
Karlana Rannals	August 29 2022	8:30am	4:15pm	7.25	7.25
Karlana Rannals	August 30 2022	9:00am	4:30pm	7.50	7.50
Karlana Rannals	August 31 2022	8:30am	5:00pm	7.75	7.75
Totals for Karlana Rannals				77.75	77.75
Totals for this Pay Period					

Employee Signature



Date: 9/2/2022

Approved by:

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VFPD

**VISTA FIRE PROTECTION DISTRICT  
PORTFOLIO SUMMARY  
AUGUST 31, 2022**

INVESTMENTS	CASH BALANCE	ACCRUED INTEREST	TOTAL ASSETS	CURRENT RATE	DURATION	PURCHASE YIELD (1)	DATE MATURE	ORIGINAL COST	BOOK VALUE
SD Fire Mitigation Fund Account	140,509	400	140,909	1.430%					
Wells Fargo Bank	113,035	2	113,037	0.010%					
Calif. Asset Mgmt Program	246,506	450	246,956	2.300%					
Local Agency Invest Fund	904,253	2,000	906,253	1.380%					
San Diego County Funds	5,103,672	18,000	5,121,672	1.430%					
Freddie Mac						0.610%	11/10/2025	500,000	500,940
Freddie Mac						0.320%	11/24/2023	150,000	150,129
Fannie Mae						0.625%	8/28/2025	250,000	250,013
Fannie Mae						0.590%	10/20/2025	199,900	200,359
Fannie Mae						0.600%	10/29/2025	250,000	250,508
Fannie Mae						0.600%	7/29/2025	100,000	100,053
Axos Bank						1.532%	3/27/2023	244,488	244,156
Goldman Sachs Bank USA						0.350%	7/28/2023	199,800	199,916
Federal Farm Cr. Bnks Funding Corp						0.750%	5/27/2025	249,750	250,338
Federal Farm Cr. Bnks Funding Corp						0.785%	6/16/2025	199,950	200,297
Federal Farm Cr. Bnks Funding Corp						0.675%	8/4/2025	249,938	250,089
Federal Farm Cr. Bnks Funding Corp						0.607%	8/12/2025	249,550	249,808
Federal Farm Cr. Bnks Funding Corp						0.420%	8/26/2024	100,000	100,006
Federal Farm Cr. Bnks Funding Corp						0.560%	9/16/2025	299,850	300,664
Federal Home Loan Banks						0.480%	8/5/2024	350,000	350,121
Federal Home Loan Banks						1.100%	8/24/2026	100,000	100,021
Federal Home Loan Banks						1.050%	2/28/2024	360,000	360,032
Federal Home Loan Banks						2.983%	5/23/2025	250,000	252,042
Federal Home Loan Banks						3.250%	8/22/2023	140,000	140,114
Federal Home Loan Banks						4.150%	9/30/2024	160,000	160,000
United States Treasury						0.164%	11/30/2022	199,891	200,045
United States Treasury						0.406%	3/31/2024	209,398	207,196
United States Treasury						1.112%	1/31/2023	373,275	372,537
Morgan Stanley Bank						1.450%	4/17/2023	69,898	70,349
West Town Bank & Trust						0.500%	10/30/2025	245,000	245,416
Core Account-Goldman MM						0.030%		17,903	17,903
FMV Goldman / Zions CA			5,723,052						
<b>Total Investments</b>	<b>6,507,975</b>	<b>20,852</b>	<b>12,251,879</b>		<b>1.878</b>	<b>3.232%</b>		<b>5,718,591</b>	<b>5,723,052</b>
Accounts Payable ** (2)	(100,287)		(100,287)			(1)			
<b>Net Investments Available</b>	<b>6,407,688</b>	<b>20,852</b>	<b>12,151,592</b>						
** Funds due to the City of Vista from property tax apportionments and due to miscellaneous consultants/vendors									
(1) Yield = 3.232% vs. Book Yield =1.018%									
(2) Sufficient funds exist to cover payables									
***See FMIT Fee Worksheet Attached									

TO: BOARD OF DIRECTORS  
FROM: KARLENA RANNALS, ADMINISTRATIVE MANAGER  
SUBJECT: MONTHLY ACTIVITY REPORT  
DATE: September 9, 2022



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## Activity Summary (August 1 – August 31, 2022)

The following highlights my work activities for the reporting period:

1. Scan and Organization of District Files
2. Prepared and submitted documents for August 18, 2022 Board of Directors meeting.
3. Onsite CPA'S Office – Budget and audit preparation
  - a. August 12. In addition, met with Director Elliott on the same date re: Investments
  - b. August 26
4. Prepared FY23 Budget for Final Approval
5. Prepared and published Legal Notice for 5 Year Capital Plan Public Hearing, Fire Mitigation Program
6. Attended San Diego County Fire Authority August 25 meeting, regarding NEXUS Study for Fire Mitigation Fee Program
7. Met August 26 with Jeff Golden, City of Vista Finance Director and his selected staff
8. Met August 30 with Director Elliott regarding FY23 Budget
9. Prepared for the September 14<sup>th</sup> Board of Directors meeting several resolutions, including FY23 Gann Limit, Committed funds,

The highlights do not include emails, phone calls, and other requests for review/comments on district topics.

Total time worked (June): 77.75 hours

## Future Activity

1. Governance Resolution – setting date, time, and location (update or renewal)
2. FY22 Audit
3. FY23 Final Budget (approval September 14, 2022)
4. Continue reorganization of files

TO: BOARD OF DIRECTORS  
FROM: KARLENA RANNALS, ADMINISTRATIVE MANAGER  
SUBJECT: ESTABLISHING COMMITTED AND/OR CONSTRAINED FUND  
BALANCES FOR FY22  
DATE: SEPTEMBER 9, 2022

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## RECOMMENDATION

Staff recommends the board approve Resolution No. 2022-08 as submitted.

## BACKGROUND

The Government Accounting Standards Board (GASB) Standard 54 was implemented for financial statements beginning after June 15, 2011. The objective of this Statement is to enhance the usefulness of fund balance information by providing clearer fund balance classifications that can be more consistently applied and by clarifying the existing governmental fund type definitions. The GASB 54 Statement establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental funds.

GASB 54 distinguishes the fund balance between amounts that are divided into the following five classifications:

- *Non-spendable* – amounts that cannot be spent because they are not in a spendable form, such as prepays or inventories.
- *Restricted* – amounts constrained by external parties, constitutional provision, or enabling legislation.
- *Committed* – amounts constrained by a government using its highest level of decision-making authority.
- *Assigned* – amounts a government intends to use for a particular purpose
- *Unassigned* – amounts that are not constrained at all will be reported in the general fund.

## CURRENT SITUATION

In preparation of the independent audit, staff evaluates the District's equity (or fund balance) to ensure the appropriate reserves are allocated to meet the constraints of GASB 54, in addition to the long- and short-term financial needs of the District. Resolution No. 2022-08 meets GASB 54 criteria and Attachment "A" establishes the unassigned fund balances to achieve the long and short-term financial needs.

## ATTACHMENT

1. Resolution 2022-08 - ESTABLISHING COMMITTED AND/OR CONSTRAINED FUND BALANCES FOR FY22
2. Resolution 2022-08 – Attachment A



## RESOLUTION NO. 2022-08

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE VISTA FIRE PROTECTION DISTRICT ESTABLISHING COMMITTED AND/OR CONSTRAINED FUND BALANCES FOR FY22

**WHEREAS**, in March 2009, the Governmental Accounting Standards Board (GASB) issued GASB Statement No. 54; and

**WHEREAS**, the provisions of GASB 54 requires the establishment of a hierarchy of fund balance classifications; and

**WHEREAS**, the “restricted” classification have constraints imposed by laws or regulations of other government; and

**WHEREAS**, the “committed” classification requires formal action by the highest level of decision making authority; and

**WHEREAS**, the “assigned” classification can be constrained by the Board’s “intent” to be used for specific purposes, but are neither restricted nor committed.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Vista Fire Protection District, that ending FY22 the following funds are committed and/or constrained for use as allocated:

Restricted	
Fire Mitigation Fund	\$105,112.92
Committed	
Fire Station Reconstruction (7 <sup>th</sup> Amendment)	\$3,900,000.00
Assigned	
General Operating Reserve	\$4,500,000.00
<b>TOTAL</b>	<b>\$8,505,112.92</b>

**BE IT FURTHER RESOLVED** that the remaining fund balances (*estimated \$3,227,208*) is considered unassigned effective June 30, 2022 as listed on Attachment A. These fund balances may be reallocated by the governing body, or official to whom the governing body has delegated authority to assign amounts for specific purposes.

**PASSED AND ADOPTED** at regularly scheduled meeting of the Board of Directors of the Vista Fire Protection District on September 14, 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

*[Signatures next page]*

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ROBERT FUGNER  
President

ATTEST:

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Karlana Rannals  
Board Clerk

**Assets - June 30, 2022 (Unaudited)**

Current Assets	<b>General Fund</b>	<b>FMF</b>	<b>TOTAL</b>
Cash			
Total Cash	5,152,872	92,052	5,244,925
Short-Term Investments			
Total Short-Term Investments	6,567,346	-	6,567,346
Accounts Receivable			
Total Accounts Receivable	52,478	53,991	106,469
Prepaid Expenses			
Total Prepaid Expense	<u>2,500</u>	<u>-</u>	<u>2,500</u>
Total Current Assets	11,775,196	146,043	11,921,240
Property, Plant and Equipment			
Capital Assets - Property, Plant and Equipment	424,540		424,540
Accumulated Depreciation			
Total Accumulated Depreciation	<u>(229,985)</u>	<u>-</u>	<u>(229,985)</u>
Capital Assets - Property, Plant and Equipment			
Total Assets	<u>11,969,752</u>	<u>146,043</u>	<u>12,115,796</u>
<b>Liabilities and Equity</b>			
Current Liabilities			
Total Accounts Payable	154,198	42,026	196,224
Employee Liability Payable			
	-	-	-
Total Current Liabilities	154,198	42,026	196,224
Equity			
Total Change in Fair Market Value	(229,629)	(1,558)	(231,186)
Total Change Due to/Due from	-	-	-
Total Reserve - Capital	206,080	-	206,080
Reserve - General			
Operating Reserve	4,500,000		
Unspecified Reserve	5,906,200		
Undesignated	<u>1,536,920</u>	<u>-</u>	<u>-</u>
Total Reserve - General	12,149,200	-	12,149,200
Reserve - Capital (Specified)			
Total Designated Capital Reserves			-
PY Equity	12,149,200		12,149,200
Retained Earnings (FY22 Net Change)	(512,546)	95,171	(417,375)
Misc Income	-	-	-
Net Income/Loss (FY22 YTD)	178,900	8,847	187,747
Total Equity	11,815,554	104,018	11,919,572
Total Liabilities and Equity	<u>11,969,752</u>	<u>104,018</u>	<u>12,115,796</u>
Total Cash Equity (includes GASB54 Committed Funds)	<u>11,618,498</u>	<u>104,018</u>	<u>11,725,016</u>

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# STAFF REPORT

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22-11

TO: BOARD OF DIRECTORS  
FROM: KARLENA RANNALS, ADMINISTRATIVE MANAGER  
SUBJECT: GANN LIMIT  
DATE: SEPTEMBER 9, 2022

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Pursuant to Government Code §7901, special districts may annually choose one of the following by a recorded vote of the governing body:

1. Cost of Living:
  - a. the change in California per capita personal income; or
  - b. the percentage change in the jurisdiction's assessed valuation, which is attributable to nonresidential new construction.
2. Population:
  - a. the change in population within the county;
  - b. the change in population within the unincorporated area of the county;
  - c. the use of specific formula calculations or estimates, permitted for mixed incorporated/unincorporated areas of special districts and/or special districts serving more than one county; or

Each year special districts should perform necessary calculations to determine if year-end proceeds of taxes subject to the limit have exceeded the limit. Preliminary calculations have been made for all revenue received to determine whether this district complies with the appropriations limits established for the fiscal year FY23. Preliminary calculations show that the district will comply with the appropriation limit.

The following recommendation is submitted for your consideration and/or action:

1. To select the change in California per capital personal income (7.55%) for the Cost-of-Living Factor and the change in population within San Diego County average (-.08%). (A copy of the State of California Department of Finance Price & Population Data for Local Jurisdictions is attached.
2. The Board may choose to submit population documentation to State Department of Finance Demographic Research Unit for certification by June 1<sup>st</sup> of each year. Note: there is a charge by the State for this option. If this option is selected, the district can modify the Gann Limit after supporting documentation is received from the Department of Finance.

## Attachment

*State of California Department of Finance Price Factor and Population Information*



Gavin Newsom ■ Governor

1021 O Street, Suite 3110 ■ Sacramento CA 95814 ■ [www.dof.ca.gov](http://www.dof.ca.gov)

May 2022

Dear Fiscal Officer:

**Subject: Price Factor and Population Information**

**Appropriations Limit**

California Revenue and Taxation Code section 2227 requires the Department of Finance to transmit an estimate of the percentage change in population to local governments. Each local jurisdiction must use their percentage change in population factor for January 1, 2022, in conjunction with a change in the cost of living, or price factor, to calculate their appropriations limit for fiscal year 2022-23. Attachment A provides the change in California's per capita personal income and an example for utilizing the price factor and population percentage change factor to calculate the 2022-23 appropriations limit. Attachment B provides the city and unincorporated county population percentage change. Attachment C provides the population percentage change for counties and their summed incorporated areas. The population percentage change data excludes federal and state institutionalized populations and military populations.

**Population Percent Change for Special Districts**

Some special districts must establish an annual appropriations limit. California Revenue and Taxation Code section 2228 provides additional information regarding the appropriations limit. Article XIII B, section 9(C) of the California Constitution exempts certain special districts from the appropriations limit calculation mandate. The code section and the California Constitution can be accessed at the following website: <http://leginfo.legislature.ca.gov/faces/codes.xhtml>.

Special districts required by law to calculate their appropriations limit must present the calculation as part of their annual audit. Any questions special districts have on this requirement should be directed to their county, district legal counsel, or the law itself. No state agency reviews the local appropriations limits.

**Population Certification**

The population certification program applies only to cities and counties. California Revenue and Taxation Code section 11005.6 mandates Finance to automatically certify any population estimate that exceeds the current certified population with the State Controller's Office. **Finance will certify the higher estimate to the State Controller by June 1, 2022.**

**Please Note:** The prior year's city population estimates may be revised. The per capita personal income change is based on historical data.

If you have any questions regarding this data, please contact the Demographic Research Unit at (916) 323-4086.

KEELY MARTIN BOSLER  
Director  
By:

ERIKA LI  
Chief Deputy Director

Attachment

- A. **Price Factor:** Article XIII B specifies that local jurisdictions select their cost of living factor to compute their appropriation limit by a vote of their governing body. The cost of living factor provided here is per capita personal income. If the percentage change in per capita personal income is selected, the percentage change to be used in setting the fiscal year 2022-23 appropriation limit is:

Per Capita Personal Income	
Fiscal Year (FY)	Percentage change over prior year
2022-23	7.55

- B. Following is an example using sample population change and the change in California per capita personal income as growth factors in computing a 2022-23 appropriation limit.

**2022-23:**

Per Capita Cost of Living Change = 7.55 percent  
 Population Change = -0.30 percent

Per Capita Cost of Living converted to a ratio:  $\frac{7.55 + 100}{100} = 1.0755$

Population converted to a ratio:  $\frac{-0.30 + 100}{100} = 0.997$

Calculation of factor for FY 2022-23:  $1.0755 \times 0.997 = 1.0723$

Fiscal Year 2022-23

**Attachment B**  
**Annual Percent Change in Population Minus Exclusions\***  
**January 1, 2021 to January 1, 2022 and Total Population, January 1, 2022**

<b>County City</b>	<b><u>Percent Change</u></b>	<b><u>--- Population Minus Exclusions ---</u></b>		<b><u>Total Population</u></b>
	<b>2021-2022</b>	<b>1-1-21</b>	<b>1-1-22</b>	<b>1-1-2022</b>
San Diego				
Carlsbad	-0.08	115,680	115,585	115,585
Chula Vista	-0.05	276,660	276,521	276,785
Coronado	-0.84	16,936	16,793	22,277
Del Mar	-0.71	3,957	3,929	3,929
El Cajon	-0.76	106,447	105,638	105,638
Encinitas	-0.34	61,724	61,515	61,515
Escondido	-0.47	151,389	150,679	150,679
Imperial Beach	-0.78	26,448	26,243	26,243
La Mesa	-0.22	60,608	60,472	60,472
Lemon Grove	-0.66	27,422	27,242	27,242
National City	-0.50	56,809	56,525	61,471
Oceanside	-0.51	173,932	173,048	173,048
Poway	-0.19	48,850	48,759	48,759
San Diego	0.13	1,353,921	1,355,685	1,374,790
San Marcos	0.67	92,958	93,585	93,585
Santee	-0.22	59,146	59,015	59,015
Solana Beach	-0.75	12,909	12,812	12,812
Vista	0.76	99,536	100,291	100,291
Unincorporated	-0.35	480,946	479,246	513,170
County Total	-0.08	3,226,278	3,223,583	3,287,306

\*Exclusions include residents on federal military installations and group quarters residents in state mental institutions, state and federal correctional institutions and veteran homes.

Gann Calculation History

	A	C	D	E	F	G	H	I	J
1	FY	Cost of Living Change	Cost of Living Ratio	Population Change	Population Change Ratio	Appropriations Factor	Gann Limit	Tax Proceeds	Over (Under) Limit
2			(C+100)/100		(E+100)/100	d x f			
19	FY04	2.31	1.0231	1.77	1.0177	1.0412	1,960,533	1,879,422	(81,111)
20	FY05	3.28	1.0328	3.11	1.0311	1.0649	2,087,811	2,074,939	(12,872)
21	FY06	5.26	1.0526	1.27	1.0127	1.0660	2,225,540	2,371,732	146,192
22	FY07	3.96	1.0396	0.94	1.0094	1.0494	2,335,420	2,572,561	237,141
23	FY08	4.42	1.0442	2.00	1.0200	1.0651	2,487,418	2,476,898	(10,520)
24	FY09	4.29	1.0429	1.43	1.0143	1.0578	2,631,224	2,735,565	104,341
25	FY10	0.62	1.0062	1.32	1.0132	1.0195	2,682,485	2,535,930	(146,555)
26	FY11	-2.54	0.9746	1.52	1.0152	0.9894	2,654,088	2,429,242	(224,846)
27	FY12	2.51	1.0251	0.72	1.0072	1.0325	2,740,295	2,537,596	(202,699)
28	FY13	3.77	1.0377	0.92	1.0092	1.0472	2,869,765	2,573,413	(296,353)
29	FY14	5.12	1.0512	0.80	1.0080	1.0596	3,040,831	2,653,103	(387,728)
30	FY15	-0.23	0.9977	1.23	1.0123	1.0100	3,071,153	2,785,240	(285,914)
31	FY16	3.82	1.0382	1.48	1.0148	1.0536	3,235,661	2,936,254	(299,407)
32	FY17	5.37	1.0537	0.78	1.0078	1.0619	3,436,009	3,077,701	(358,308)
33	FY18	3.69	1.0369	0.92	1.0092	1.0464	3,595,576	3,235,996	(359,580)
34	FY19	3.67	1.0367	0.95	1.0095	1.0465	3,762,945	3,450,443	(312,502)
35	FY20	3.85	1.0385	0.52	1.0052	1.0439	3,928,139	3,630,309	(297,830)
36	FY21	3.73	1.0373	0.59	1.0059	1.0434	4,098,699	3,795,148	(303,551)
37	FY22	5.73	1.0573	-0.37	0.9963	1.0534	4,317,520	4,002,668	(314,853)
38	FY23	7.55	1.0755	-0.08	0.9992	1.0746	4,639,778	4,180,810	(458,968)



## RESOLUTION NO. 2022-09

A Resolution of the Board of Directors of the Vista Fire Protection District Determining the 2022/2023 Appropriations of Tax Proceeds

**WHEREAS**, in November of 1979, the California electorate did adopt Proposition 4, which added Article XIII B of the Constitution to the California Constitution; and

**WHEREAS**, the provisions of that Article establish maximum appropriation limitations commonly called *Gann limits* for public agencies including fire districts; and

**WHEREAS**, the District must establish a Gann limit for the 2022/2023 fiscal year in accordance with the provision of with Article XIII B and applicable statutory law.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Vista Fire Protection District, that the calculated maximum limit applicable to the 2022/2023 appropriations of tax proceeds is \$ 4,639,778 in accordance with Article XIII B of the Constitution of the State of California.

**PASSED AND ADOPTED** at a regular meeting of the Board of Directors of the Vista Fire Protection District on September 14, 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

---

ROBERT FUGNER  
President

ATTEST:

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Karlana Rannals  
Board Clerk

VISTA FIRE PROTECTION DISTRICT ARTICLE XIII B APPROPRIATION  
OF PROCEEDS OF TAX LIMITATION DETERMINATION 2022/2023

*Determination of Permitted Growth Rate in Appropriations 2022/2023, Department of Finance  
Special District Population Estimate for Vista Fire Protection District*

Per Department of Finance:

Per Capita Personal Income = (7.55%), Converted Factor	1.0755
Population Change = -0.08%, Converted	<u>0.9992</u>
Combined Factor =	1.0746
2021/22 Appropriation Limit	\$ 4,317,520
2022/23 Appropriation Limit Adjustment Factor	1.0746
2022/23 Appropriation Limit	<u>\$ 4,639,778</u>

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# STAFF REPORT

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22-12

TO: BOARD OF DIRECTORS  
FROM: KARLENA RANNALS, ADMINISTRATIVE MANAGER  
SUBJECT: FY23 FINAL BUDGET  
DATE: SEPTEMBER 9, 2022



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## RECOMMENDATION

Approve the Final FY23 Operating Budget.

## BACKGROUND

Staff prepared the FY23 Final Budget based on unaudited FY22 information and in collaboration with the District Treasurer.

Staff performed an analysis of revenue and expenditures, noting that not all board members have had the opportunity to provide their input. For each account number staff assigned a budget category, and additional budget categories were created to further define the type of expenses. The following is an overview of budget categories and any assumptions that were used for the preparation of the proposed FY23 Operating Budget (General Fund). In addition, the “% Change” is calculated using the FY22 (Unaudited) to FY23 Proposed.

### Revenue (↑ 4.2%)

*Fees:* this category include all fees collected by the City of Vista in which 10% is rebated back to the District. (↓ 12.5%)

*Interest:* this amount includes interest from District’s investments and the County of San Diego for the prior fiscal year. (↔ 0%)

*Other Income:* nothing planned unless the Panoramic property is sold. (↔ 0%)

*Tax Revenue:* for the preliminary budget, a three-year analysis was completed for revenue received by tax rate area and a 4% increase was estimated. Upon receiving the FY22-23 Assessed Valuation (AV) the District’s AV increased 5.7%. Property tax was increased by 4.75%, realizing that the district does not receive 100% of the revenue. (↑ 4.5%)

As a point of interest, I am showing the AV growth for the last four years in the table below:

ASSESSED VALUATION		
Fiscal Year	Total AV	Growth % Change
2019/2020	2,588,715,656	
2020/2021	2,706,984,350	4.57%
2021/2022	2,833,446,219	4.67%
2022/2023	2,994,325,523	5.68%

**Expenses: (↑ 6.7%)**

*Administrative:* this category includes election expenses, audit, legal, legal notice, LAFCO, board expenses and commercial insurance. (↑ 31.3%)

*Contract Services:* this category includes CVRA consultant and Treasurer. (↓ 51.4%)

*Fees:* this category includes, investment fees, and the administrative fee charged by the County of San Diego to distribute the property tax. (↑ 8.2%)

*Fire/EMS Services:* contract for services tied to property tax received. (↑ 5.0%)

*Fire Prevention:* category includes Fire Inspection Services and Community Outreach. A proposed increase is planned for the reimbursement of Fire Inspection services. (↑ 51.7%)

*Hydrant Maintenance:* increased projected due to cost-of-living adjustment (↑ 6.1%)

*Information Technology:* this new category will account for the District's website, Zoom subscription and eventual email accounts. (↑ 148.4%)

*Landowner Property:* increase due to increase in property tax (↓ 15.3%)

*Personnel:* this new category includes the compensation for the Directors and Administrative Manager, payroll taxes and workers' compensation. (↑ 154.7%)

*Repair & Upgrades:* category includes Access Roads and weed abatement. (↑ 61.6%)

*Special Projects:* category includes Community Wildfire Protection Plan and other special projects. (↓ 2.9%)

*Supplies:* this new category will cover software, office supply and other miscellaneous expenses. (↑ 100.0%)

*Training:* this new category will cover professional development, conferences, and mandatory training.

*Depreciation:* this new category is not a new to the District's financial statements; however, is now included within the operating budget. The cost of accounting for depreciation is required by Government Accounting Standards Board (GASB) 34 which became effective with the 2003-04 financial statements. While it is considered a "non-cash" expense, it is necessary to include for accrual accounting. (↓ 2.5%)

The Net Operating Revenues before Capital for FY22 (unaudited) is \$178,900 and FY23 is estimated at \$88,855.

In addition to the General Fund Final Budget, staff has included a Final budget for the Fire Mitigation Fund. No new expenditures are anticipated at this time for FY23; however, this could change. Staff will work with the City of Vista Finance Department to reconcile the account balance between the monies held at the City of Vista and the County of San Diego.

Staff will provide a detailed overview of the proposed budget and can answer any questions from board members.

I would like to thank Jeff Golden, Treasurer and Director's Elliott and Fougner for their insight and assistance in the development of the final budget.

Vista Fire Protection District

Final Budget FY23 - Proposed

Budget Category (Revenue)	General Fund				FMF Fund				Total for FY22 Unaudited (All funds)	FY23 Total (All funds)
	FY22	FY22 (Unaudited)	FY23	% Change	FY22	FY22 (Unaudited)	FY23	% Change		
Fees Total	30,000	28,569	25,000	-12.5%	40,000	83,217	62,617	-24.8%	111,786	87,617
Interest Total	100,000	88,485	88,485	0.0%	-	526	788	50.0%	89,011	89,273
Other Income Total	-	149	-	-100.0%	-	-	-	-	149	-
Tax Revenue Total	3,800,000	4,002,668	4,180,810	4.5%	-	-	-	-	4,002,668	4,180,810
<b>Grand Total Revenue</b>	<b>3,930,000</b>	<b>4,119,871</b>	<b>4,294,295</b>	<b>4.2%</b>	<b>40,000</b>	<b>83,742</b>	<b>63,405</b>	<b>-24.3%</b>	<b>4,203,613</b>	<b>4,357,700</b>
Budget Category (Expenses)	FY22	FY22 (Unaudited)	FY23	% Change	FY22	FY22 (Unaudited)	FY23	% Change		
Administrative	150,770	55,652	73,082	31.3%	-	-	-	-	55,652	73,082
Contract Services	25,000	48,625	23,625	-51.4%	-	-	-	-	48,625	23,625
Fees	11,500	51,082	55,263	8.2%	-	-	-	-	51,082	55,263
Fire/EMS Services	3,465,000	3,543,719	3,722,253	5.0%	-	-	-	-	3,543,719	3,722,253
Fire Prevention	65,000	58,674	89,000	51.7%	-	-	-	-	58,674	89,000
Hydrant Maintenance	28,000	24,501	26,000	6.1%	-	-	-	-	24,501	26,000
Information Technology	-	1,550	3,850	148.4%	-	-	-	-	1,550	3,850
Landowner/Property	6,000	5,670	4,804	-15.3%	-	-	-	-	5,670	4,804
Personnel	13,441	25,273	64,363	154.7%	-	-	-	-	25,273	64,363
Repair & Upgrades	104,000	33,423	54,000	61.6%	-	-	-	-	33,423	54,000
Special Projects	79,800	51,500	50,000	-2.9%	-	-	-	-	51,500	50,000
FMF Expenses	-	-	-	0.0%	-	74,895	-	-100.0%	74,895	-
Supplies	-	-	2,000	100.0%	-	-	-	-	-	2,000
Tax Revenue (Refunds)	-	21,610	15,000	-30.6%	-	-	-	-	21,610	15,000
Training	-	-	3,000	100.0%	-	-	-	-	-	3,000
<b>Expenditure(s) Total</b>	<b>3,948,511</b>	<b>3,921,280</b>	<b>4,186,240</b>	<b>6.8%</b>	<b>-</b>	<b>74,895</b>	<b>-</b>	<b>-100.0%</b>	<b>3,996,175</b>	<b>4,186,240</b>
Depreciation Total	-	19,691	19,199	-2.5%	-	-	-	-	19,691	19,199
<b>Grand Total</b>	<b>3,948,511</b>	<b>3,940,971</b>	<b>4,205,440</b>	<b>6.7%</b>	<b>-</b>	<b>74,895</b>	<b>-</b>	<b>-</b>	<b>4,015,866</b>	<b>4,205,440</b>
<b>Net Operating Revenues before Capital</b>	<b>(18,511)</b>	<b>178,900</b>	<b>88,855</b>	<b>-50.3%</b>	<b>40,000</b>	<b>8,847</b>	<b>63,405</b>	<b>616.7%</b>	<b>187,747</b>	<b>152,260</b>

## RESOLUTION NO. 2022-10

### A RESOLUTION OF THE BOARD OF DIRECTORS OF THE VISTA FIRE PROTECTION DISTRICT ADOPTING A FINAL BUDGET FOR FISCAL YEAR 22-23

**WHEREAS**, the Vista Fire Protection District (hereinafter referred to as "District") is required to adopt a final budget, on or before October 1 of each year, after making changes in the preliminary budget, as per Section 13895 of the Health & Safety Code; and

**WHEREAS**, the District and finance committee have made changes to the preliminary budget and submitted the proposed final budget for review and adoption at a publicly noticed meeting; and

**WHEREAS**, the District's total revenue and fund balances from all sources do not exceed the total expenditures for Fiscal Year 22/23; and

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Vista Fire Protection District a public agency in the County of San Diego, California, find and determine that:

1. The Final Budget for the Fiscal Year 2022-23, including all sources of estimated revenue and appropriations for all funds as set forth in attached Final Budget document will be and is hereby adopted with the total expenditure requirements.
2. All encumbrances outstanding at the end of Fiscal Year 21/22 for goods not yet provided or services not yet rendered are hereby re-appropriated in conformation with General Accepted Accounting Principles for the Fiscal Year 22/23.

**BE IT FURTHER RESOLVED** by the Board of Directors of the Vista Fire Protection District that the means of financing the expenditure requirement will be by monies derived from all revenue sources, available fund balance, and designated reserve fund balances.

**BE IT FURTHER RESOLVED** by the Board of Directors of the Vista Fire Protection District that the Final Budget will be and is hereby adopted in accordance with the detail provided.

**PASSED AND ADOPTED** at regularly scheduled meeting of the Board of Directors of the Vista Fire Protection District on September 14, 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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ROBERT FUGNER  
President

ATTEST:

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Karlana Rannals  
Board Clerk



# Vista Fire Protection District

**Staff Report No.** 22-13  
**Prepared by:** Craig Usher, Deputy Chief/Fire Marshal

**Approved by:** Ned Vander Pol, Fire Chief

**Meeting date:** August 18, 2022

**Agenda location:**

Fire Marshal Report

**SUBJECT:**

Fire Lane parking signage

**RECOMMENDATION:**

Approval to purchase replacement “No Parking Fire Lane” signs for evacuation route access points.

**STATEMENT ON THE SUBJECT:**

The Board has requested information on the costs associated with replacing faded, damaged and vandalized “No Parking Fire Lane” signs along the access points to emergency evacuation routes. When these access points were originally developed, signage was installed at each entrance to prevent residents from hindering access in case of the need to evacuate.

In the time since these were installed approximately 8 years ago, the sun, physical damage, and vandalism have caused some of the signage to be in poor condition and in some cases illegible. These access points are critical to maintain adequate clearances for emergency vehicle access and for authorized resident access.

It has been noted that due to the poor visibility of some of the signage, there have been vehicles parking and blocking access to the designated evacuation routes. It is the intent of this proposal to provide new signs for the district sponsored inspector to install when a poor quality sign is located.



# Vista Fire Protection District

**STATEMENT ON THE SUBJECT:** (cont.)

It is recommended that the Board approve a one time (1x) purchase not to exceed \$500 for replacement signage. In the event more funding is needed due to a higher than anticipated need, further board approval would be sought before proceeding.

**FISCAL IMPACT:**

Up to \$500 for the purchase of new signs

**EXHIBITS:**





**EIGHTH SUPPLEMENTAL AGREEMENT BETWEEN  
THE VISTA FIRE PROTECTION DISTRICT AND THE CITY OF VISTA  
FOR FIRE INSPECTION SERVICES**

**THIS EIGHTH SUPPLEMENTAL AGREEMENT** is made by and between the chartered City of Vista ("City") and the Vista Fire Protection District ("District") to be dated and effective as of July 1, 2022. City and District are sometimes individually referred to as a "Party" and collectively as "Parties."

**RECITALS**

A. The Parties entered into an Agreement for Fire Suppression, Fire Prevention, Technical Rescue, Emergency Medical Services, Hazardous Materials, Administrative Services, and Disaster Preparedness Services dated August 1, 2010 ("Original Agreement").

B. The Original Agreement was amended by a First Supplemental Agreement effective as of July 1, 2010, a Second Supplemental Agreement effective July 1, 2011, a Third Supplemental Agreement effective June 12, 2012, and a Fourth Supplemental Agreement effective July 1, 2013, a Fifth Supplemental Agreement effective July 1, 2016, a Sixth Supplemental Agreement effective July 1, 2019, and a Seventh Supplemental Agreement effective July 1, 2022, which together constitute the "Existing Agreement."

C. For the last eleven years, the District has reimbursed the City part of the City's cost for the part-time services of a Fire Inspector employed by the City, so as to provide enhanced fire inspection services to the District ("Additional Services").

D. The District desires to continue to obtain the Additional Services of a Fire Inspector from the City.

E. The Parties desire to amend the Existing Agreement to provide for these Additional Services as authorized in Section 1.B. of the Original Agreement.

**AGREEMENT**

In consideration of the mutual promises and obligations set forth herein below, and other good and valuable consideration the receipt of which the Parties hereby acknowledge, District and City agree as follows:

**SECTION 1. SCOPE OF SERVICES**

A. City shall provide, as Additional Services, fifty percent (50%) of the services of a single Fire Inspector ("Inspector") to District for a period of three years commencing on July 1, 2022 and ending on June 30, 2025, and District shall pay to City fifty percent (50%) of the Inspector's total cost to the City.

B. The Inspector shall perform such special services related to District's mission as assigned by District.

C. The Inspector is, and at all times, will remain an employee of City. City shall be solely responsible for payment of the Inspector's compensation and benefits. City shall indemnify and hold District harmless from and against any claims by the Inspector arising out of or relating to the

Inspector's employment with the City. The foregoing indemnity shall not apply to the extent that such losses, expenses, claims, actions, damages or liabilities to which the District may be subject were caused by the gross negligence, fraud or willful misconduct of the District and/or its agents.

D. This Eighth Supplemental Agreement may be terminated by either ~~party~~Party, a either party's convenience, with 90 days advance written notice to the other ~~party~~Party.

**SECTION 2. COST OF ADDITIONAL SERVICES**

A. The Cost of Additional Services shall equal fifty percent of the City's total cost of the Inspector for the next three fiscal years commencing on July 1, 2022, and ending on June 30, 2025. ~~The~~Notwithstanding anything to the contrary, the Cost of Additional Services shall not exceed \$5,000 per month, unless expressly agreed to by the District in writing.

B. City mayshall invoice District for the Cost of Additional Services on a monthly basis, ~~or for a longer period as may be convenient to City~~.

**SECTION 3. EXISTING AGREEMENT**

Except as specifically modified or changed herein, all of the terms and provisions of the Existing Agreement are incorporated herein and shall remain in full force and effect.

IN WITNESS WHEREOF, the authorized representatives of the Parties have executed this Fourth Supplemental Agreement as set forth below.

APPROVED BY DISTRICT

APPROVED BY CITY

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Resolution No. \_\_\_\_\_

Resolution No: \_\_\_\_\_

DISTRICT:  
Vista Fire Protection District

CITY:  
City of Vista, a chartered municipal corporation

By: \_\_\_\_\_  
Robert Fougner, President

By: \_\_\_\_\_  
JUDY RITTER, Mayor

ATTEST:  
Karlana Rannals, Board Clerk

ATTEST:  
Kathy Valdez, City Clerk

By: \_\_\_\_\_

By: \_\_\_\_\_

RISK MANAGEMENT REVIEW:  
Dolores Gascon, Risk Manager

By: \_\_\_\_\_

APPROVED AS TO FORM:  
~~WHITE & BRIGHT~~White and Bright, LLP

APPROVED AS TO FORM:  
Walter Chung, City Attorney

By: \_\_\_\_\_  
Fred Pfister, ~~Bright & White~~ District Counsel

By: \_\_\_\_\_

# VISTA FIRE PROTECTION DISTRICT



## 2023 FIRE ORDINANCE

Effective January 1, 2023

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# ORDINANCE NO. 2023-01

## AN ORDINANCE OF THE VISTA FIRE PROTECTION DISTRICT WHICH ADOPTS THE 2022 CALIFORNIA FIRE CODE AND THE 2021 INTERNATIONAL FIRE CODE WITH CERTAIN AMENDMENTS, ADDITIONS, AND DELETIONS

WHEREAS, Health & Safety Code section 17958 mandates that the Vista Fire Protection District shall adopt Ordinances or regulations imposing the same requirements as are contained in the regulations adopted by the State pursuant to Health & Safety Code section 17922; and

WHEREAS, the State of California is mandated by Health & Safety Code section 17922 to impose the same requirements as are contained in the 2022 California Fire Code based on the 2021 International Fire Code published by the International Code Council, hereinafter referred to collectively as the Fire Code; and

WHEREAS, the State of California is mandated by Health & Safety Code section 17922 to impose the same requirements as are contained in the 2022 California Fire Code based on the 2021 International Fire Code, together with the Vista Fire Protection District amendments, shall be the Vista Fire Protection District Fire Code for the purpose of prescribing regulations in the unincorporated territory of the County of San Diego and the boundaries of the Vista Fire Protection District; and

WHEREAS, code amendments adopted by the State of California shall take precedence over the 2021 International Fire Code language. The 2021 International Fire Code language shall be used for those code sections not adopted by the State; and

WHEREAS, local amendments adopted by the Vista Fire Protection District shall take precedence over both the 2021 International Fire Code and 2022 California Fire Code provisions; and

WHEREAS, Health & Safety Code section 17958.5 permits the Vista Fire Protection District to make such changes or modifications to the Codes as are reasonably necessary because of local conditions; and

WHEREAS, Health & Safety Code section 17958.7 requires that the Vista Fire Protection District before making any changes or modifications pursuant to section 17958.5 make express findings that such changes or modifications are needed due to local climatic, geological, or topographical conditions; and

WHEREAS, the Board of Directors of the Vista Fire Protection District does herewith find that the District has certain climatic, geological, and topographical features that can have a deleterious effect on emergency services such as fire protection and emergency medical services; and

WHEREAS, the Board of Directors of the Vista Fire Protection District finds that the modifications and changes to the 2021 International Fire Code and 2022 California Fire Code are reasonably necessary because of the following local climatic, geological, and topographical conditions as identified in Attachment A; and

WHEREAS, certain amendments to the 2022 California Fire Code and the 2021 International Fire Code serve to mitigate to the extent possible said deleterious effects; and

WHEREAS, sections 50022.1 through 50022.10, inclusive, of the Government Code and section 13869 of the Health & Safety Code, provide authority for the adoption by reference of codes, or portion of such codes.

NOW THEREFORE, the Board of Directors of the Vista Fire Protection District does ordain as follows:

### **Section 1 REPEAL**

That Ordinance No. 2020-01, to the extent that the latter is or was effective, of the Vista Fire Protection District and all other ordinance or parts of ordinances in conflict herewith are hereby repealed.

### **Section 2 ADOPTION**

That the Board of Directors of the Vista Fire Protection District adopts as the Fire Code for the Vista Fire Protection District the following: the 2022 California Fire Code, including the appendix to Chapter 4 and appendices B, C, D, H, I & O, the 2021 International Fire Code (IFC), and the National Fire Protection Association Standards 13, 13-R & 13-D, as referenced in Chapter 80 of CFC, together with the District's amendments in this ordinance. This Fire Code is adopted for the protection of the public health and safety. It includes definitions, provisions for the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings, requirements for permits and inspection for installing or altering systems, regulations for the erection, construction, enlargement, alteration, repair, moving, removal, conversion, demolition, equipment use and maintenance of buildings and structures, including the installation, alteration or repair of new and existing fire protection systems and their inspection and provides penalties for violation of this code. Each and all of the regulations, provisions, penalties, conditions and terms of the Vista Fire Protection District Fire Code on file in the office of the Vista Fire Protection District are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance.

### **Section 3 REVISED**

That the following sections and chapters of the 2022 California Fire Code are hereby revised:

#### **SEC. 101.5 VALIDITY.**

Section 101.5 of the California Fire Code is *revised* to read:

**Sec. 101.5 Validity.** *The Board of Supervisors declares that should any section, paragraph, sentence or word of this chapter be declared invalid for any reason it is the intent of this Board that it would have passed all other portions of this chapter independently of any portion that may be declared invalid.*

#### **SEC. 102.13 REPEAL OF CONFLICTING ORDINANCES, RESOLUTIONS OR MOTIONS.**

Section 102.13 is added to the California Fire Code to read:

**Sec. 102.13 Repeal of conflicting ordinances, resolutions or motions.** All former ordinances, resolutions or motions or parts thereof, conflicting or inconsistent with the provisions of this chapter are repealed.

#### **SEC. 104.9. MODIFICATIONS.**

Section 104.9 of the California Fire Code is *revised* to read:

**Sec. 104.9 Modifications.** Whenever there are practical difficulties involved in carrying out the provisions of this code, the fire code official shall have the authority to grant modifications for individual cases, provided the fire code official shall first find that special individual reason makes the strict letter of this code impracticable and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, life and fire safety requirements. *The applicant's request for a modification shall state the specific sections(s) for which a modification is requested, material facts supporting the contention of the applicant, the details of the modification or mitigating measure proposed and, if applicable, a map showing the proposed location and citing of the modification or mitigation measure.* The details of action granting modifications shall be recorded and entered in the files of the department of fire prevention.

#### **SEC. 104.13 COST RECOVERY.**

Section 104.13 is added to the California Fire Code to read:

**Sec. 104.13 Cost recovery.** The purpose of this section is to establish authority to obtain reimbursement from responsible individuals for the expenses of any emergency response and/or enforcement action by the fire department to protect the public from criminal or negligible activities, and from fire or hazardous substances.

**Sec. 104.13.1 Reimbursement required.** In accordance with the Health and Safety Code section 13000 et seq., an individual who acts negligently or in violation of the law and thereby requires the jurisdiction to provide an emergency response to a danger posed by a fire or hazardous substance shall be liable for reimbursement to the agency for the costs incurred. In accordance with Government Code sections 53150 through 53158, any individual who is under the influence of an alcoholic beverage or any drug or the combined influence of an alcoholic beverage or any drug, and whose negligent operation of a motor vehicle, boat or vessel or civil aircraft caused by that influence proximately causes any incident and thereby requires the agency to provide an emergency response shall reimburse the agency for the cost incurred.

#### **SEC. 105.3.9 EXPENSE RECOVERY.**

Section 105.3.9 is added to the California Fire Code to read:

**Sec. 105.3.9 Expense recovery.** The fire code official may impose a fee for recovery of expenses incurred to enforce the fire prevention provisions of this code.

#### **SEC. 105.5.52.1 CHRISTMAS TREE LOTS.**

Section 105.5.52.1 is added to the California Fire Code to read:

**Sec. 105.5.52.1 Christmas tree lots.** An operational permit is required to operate a Christmas tree lot, with or without flame proofing services.

#### **SEC. 105.5.52.2 GREEN WASTE RECYCLING, MULCHING, COMPOSTING OPERATIONS AND STORAGE.**

Section 105.5.52.2 is added to the California Fire Code to read:

**Sec. 105.5.52.2 Green waste recycling, mulching, composting operations and storage.** An operational permit is required for green waste recycling, mulching, composting operations and storage.

#### **SEC. 105.7 NEW MATERIALS, PROCESSES OR OCCUPANCIES WHICH REQUIRE PERMITS.**

Section 105.7 is added to the California Fire Code to read:



**Sec. 105.7 New materials, processes or occupancies which require permits.** The fire code official may determine, after allowing affected persons an opportunity to be heard, that a material, process or occupancy, not listed in this code shall require a permit, in addition to those now enumerated in this code. In that case, the fire code official shall prepare a list of any additional material, process or occupancy that shall require a permit and post the list in a conspicuous place in the offices of the fire authority having jurisdiction. Any interested person may obtain a copy of the list.

## **SEC. 111 APPEALS.**

Section 111 of the California Fire Code is *revised* to read:

**Sec. 111.1 Regional Fire Appeals Board established.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, *including the granting or denial of modifications*, there shall be and is hereby created a *Regional Fire Appeals Board (Appeals Board)*. *The Appeals Board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official. A copy shall also be sent to the Building Official or other decision maker for the project, whichever is appropriate.*

**Sec. 111.2 Limitations on authority.** An application for appeal shall be based on a claim that the intent of this code or the rules legally adopted hereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent method of protection or safety is proposed. The *Appeals Board* shall not have authority to waive requirements of this code.

**Sec. 111.3 Qualifications.** The *Appeals Board* shall consist of members who are qualified by experience and training to pass on matters pertaining to hazards of fire, explosions, hazardous conditions or fire protection systems and are not employees of the jurisdiction.

**Sec. 111.4 Appeals procedures.** *This section establishes appeal procedures of an order, decision or determination (collectively, "determination") made by the fire code official, including the granting or denial of appeals.*

**Sec. 111.4.1 Appeals of determinations regarding building permits.** *The County, fire agency or project applicant may appeal a determination made by the fire code official related to a project for which a building permit is required by filing an appeal in writing with the Appeals Board within 30 days of the fire code official's final determination. The Appeals Board shall make factual findings and issue a written recommendation to the County Building Official on whether the fire code official's determination should be upheld, overruled or modified. The Building Official may not waive the requirements of this code, except as authorized by the code and is subject to the same requirements and*

restrictions in the code that applied to the fire code official. A copy of the recommendation shall be provided to the applicant. The County Building Official shall act on the Appeals Board's recommendation and issue a written decision to the parties within 15 days of receipt of the Appeals Board's recommendation. The Building Official's decision shall be final.

**Sec. 111.4.2 Appeals of determinations regarding discretionary permits.** *The County, the fire agency or the project applicant may seek review of the fire code official's determination by the Appeals Board by filing a request for review with the Appeals Board within 30 days of the fire code official's determination. When reviewing a fire code official's determination pursuant to this subsection, the Appeals Board shall act in an advisory capacity. The Appeals Board shall review the fire code official's determination and make a recommendation to uphold, overrule or modify the fire code official's determination. The Appeals Board shall render its recommendation to the County decision maker or decision-making body for consideration with the application for the discretionary permit.*

**Sec. 111.4.3 Appeals of determinations for matters other than building permits or discretionary permits.**

- (a) **Areas outside a fire protection district.** *Any affected party may appeal a determination made by the fire code official regarding a matter for which a building permit or discretionary permit is not required by filing an appeal in writing with the Appeals Board within 30 days of the fire code official's final determination. The Appeals Board shall review the fire code official's determination and make a recommendation to uphold, overrule or modify the fire code official's determination. The Appeals Board's determination shall be final.*
- (b) **Areas inside a fire protection district.** *Any affected party may appeal a determination made by the fire code official regarding a matter for which a building permit or discretionary permit is not required by filing an appeal in writing with the fire protection district's Board of Directors within 30 days of the fire code official's final determination. The Board of Directors shall review the fire code official's determination and make a recommendation to uphold, overrule or modify the fire code official's determination. The Board of Director's determination shall be final.*

**Sec. 111.5 Regional Fire Appeals Board.**

- (a) *The Appeals Board members shall consist of the following:*
- *Two representatives from the San Diego County Fire Districts Association.*
  - *Two chief officers from CAL FIRE.*
  - *One fire marshal from the unincorporated area of the County.*

- (b) *The Appeals Board shall not include a representative from the agency whose fire code official made the determination that is being appealed. An alternate for the regular member(s) of the Appeals Board shall be designated to serve in this situation.*
- (c) *Three members shall constitute a quorum for the transaction of business, and three affirmative votes shall be necessary to render a recommendation.*
- (d) *If the Appeals Board recommends a modification to this code for an individual case, a copy of the recommendation and findings along with a map showing the proposed modification and mitigating measures shall be forwarded to the Unit Chief of CAL FIRE, San Diego/Imperial Unit.*

#### **SEC. 112.4 VIOLATIONS, PENALTIES AND RESPONSIBILITY FOR COMPLIANCE.**

Section 112.4 of the California Fire Code is *revised* to read:

***Sec. 112.4 Violations, penalties and responsibility for compliance.** It shall be unlawful for any person, as defined in section 12.115 of the County Code of Regulatory Ordinances, to use any property or erect, construct, enlarge, alter, repair, move, remove, improve, convert, demolish, equip, use, occupy or maintain any building or structure, or vacant land or cause the same to be done, contrary to or in violation of any of the provisions of this chapter. A property owner shall be considered to have allowed any use or improvement of property occupied by or under the dominion and control of the owner and shall be responsible for the discontinuance and removal of any violation of the County Fire Code. This responsibility shall include property leased to another person. A property owner shall also be responsible for the discontinuance and removal of any violation of the County Fire Code that existed on the property prior to the current owner's purchase of the property.*

#### **AMENDMENT TO SECTION 112.4**

**Sec. 112.4 Violations, penalties and responsibility for compliance.** Any person who shall violate any of the provisions of this code or standards hereby adopted or fail to comply therewith, or who shall violate or fail to comply with any order made there under, or who shall build in violation of any detailed statement or specification or plans submitted and approved there under, or any certificate or permit issued there under, and from which no appeal has been taken, or who shall fail to comply with such an order as affirmed or modified by the attorney for the (insert fire protection district) or by a court of competent jurisdiction within the time fixed herein, shall severally for each and every violation and non-compliance respectively, be guilty of an infraction or misdemeanor, punishable by a fine not exceeding \$1,000.00 or by imprisonment in County Jail not exceeding six (6) months, or both. The imposition of one penalty of any violation shall not excuse the

violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each day that prohibited conditions are maintained shall constitute a separate offense.

The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

#### **AMENDMENT TO SECTION 113.4**

**Sec. 113.4 Failure to comply.** Any person who shall continue any work after having been served with a stop work order, except such work as that the person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$250.00 or more than \$1,000.00.

#### **SEC. 202 DEFINITIONS.**

Section 202 of the California Fire Code is *revised* by adding or modifying the following definitions:

**ACCESSORY DWELLING UNIT.** Defined as an attached or a detached residential dwelling unit which provides complete independent living facilities for one or more persons. It shall include permanent provisions for living, sleeping, eating, cooking, and sanitation on the same parcel as the single-family dwelling is situated. An accessory dwelling unit also includes the following:

- (A) An efficiency unit, as defined in Section 17958.1 of the Health and Safety Code.
- (B) A manufactured home, as defined in Section 18007 of the Health and Safety Code.

**AERATED STATIC PILE.** A composting process that uses an air distribution system to blow or draw air through the pile. Little or no pile agitation or turning is performed.

**BLASTER.** *A person who has been approved by the Sheriff to conduct blasting operations and who has been placed on the list of approved blasters. The listing shall be valid for one year unless revoked by the Sheriff.*

**BLASTING AGENT.** *A material or mixture consisting of a fuel and oxidizer intended for blasting. The finished product as mixed and packaged for use or shipment shall not be detonated by means of a No. 8 test blasting cap when unconfined.*

**BLASTING OPERATION.** The uses of an explosive device or explosive material to destroy, modify, obliterate or remove any obstruction of any kind.

**BLASTING PERMIT.** A permit issued by the Issuing Officer pursuant to section 105.6.15. The permit shall apply to a specific site and shall be valid for a period not to exceed one year.

***BLAST SITE.*** *The geographically defined area, as shown on a project map or plot plan, where a blaster is authorized by a blasting permit issued under this section to conduct a blasting operation.*

**CHIPPING AND GRINDING.** An activity that mechanically reduces the size of organic matter.

**COMPOSTING OPERATION.** An operation that is conducted for the purpose of producing compost. The operation shall be by one or more of the following processes used to produce a compost product: static pile, windrow pile or aerated static pile.

**DEAD-END ROAD.** A road that has only one point of vehicular ingress/egress, including cul-de-sacs and looped roads.

**DISTANCE MEASUREMENT.** All specified or referenced distances are measured along the ground, unless otherwise stated.

**DWELLING UNIT.** Any building or portion thereof which contains living facilities, including provisions for sleeping, eating, cooking and/or sanitation for not more than one family.

**ENCLOSED.** Closed in or fenced off.

**EXPLOSIVES PERMIT.** A permit to possess or use explosives, issued by the Issuing Officer, pursuant to California Health and Safety Code sections 12000 et seq. and Chapter 56 of this code. An explosives permit shall be valid for a period not to exceed one year, as provided in the permit conditions.

**FIRE APPARATUS ACCESS ROAD.** A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term that *includes, but is not limited to* a fire lane, public street, private street, driveway, parking lot lane and access roadway.

**FIRE AUTHORITY HAVING JURISDICTION (FAHJ).** The designated entity providing enforcement of fire regulations as they relate to planning, construction and development. The FAHJ may also provide fire suppression and other emergency services.

***FIRE CHIEF.*** *The fire chief is one of the following:*

- (a) The person appointed by the Board of Supervisors to serve as fire chief in the unincorporated areas not within a fire protection district.*
- (b) The chief officer of a fire protection district.*
- (c) The Fire Warden or her or his delegated representative when enforcing section 96.1.5608.1 of this Chapter.*

***FIRE CODE OFFICIAL.*** *The Fire Warden or her or his delegated representative, the fire chief or a duly authorized representative, or other person as may be designated by law, appointment or delegation and charged with the administration and enforcement of this Chapter.*

**FIRE DEPARTMENT.** Any regularly organized fire department, fire protection district, fire company, or legally formed volunteer fire department registered with the County of San Diego regularly charged with the responsibility of providing fire protection to a jurisdiction.

**FIRE HAZARD.** Any condition or conduct which:(a) increases or may increase the threat of fire to a greater degree than customarily recognized as normal by persons in the public service regularly engaged in preventing, suppressing or extinguishing fire or (b) may obstruct, delay, hinder or interfere with the operations of the fire department or the egress of occupants in the event of fire.

**FIRE PROTECTION DISTRICT.** Any fire protection district created under State law and any water district providing fire protection services.

**FUEL MODIFICATION ZONE.** A strip of land where combustible vegetation has been thinned or modified or both and partially or totally replaced with approved fire-resistant and/or irrigated plants to provide an acceptable level of risk from vegetation fires. Fuel modification reduces the radiant and convective heat on a structure and provides valuable defensible space for firefighters to make an effective stand against an approaching fire front.

**GREEN WASTE.** Organic material that includes, but is not limited to, yard trimmings, plant waste, manure, untreated wood wastes, paper products and natural fiber products.

**HARDSCAPE.** Concrete, gravel, pavers or other non-combustible material.

**HAZARDOUS FIRE AREA.** Any geographic area mapped by the State or designated by a local jurisdiction as a moderate, high or very high fire hazard area or which the FAHJ has determined is a hazardous fire area, because the type and condition of vegetation, topography, weather and structure density increase the probability that the area will be susceptible to a wildfire.

**HOGGED MATERIALS.** Mill waste consisting mainly of hogged bark but may include a mixture of bark, chips, dust or other by-product from trees and vegetation.

**INSPECTOR.** For the purposes of sections 96.1. 5601.2, an inspector is a person on the Issuing Officer’s approved list of inspectors authorized to conduct inspections, before and after a blast. To be on the Issuing Officer’s approved list, an inspector shall have a blasting license issued by Cal/OSHA.

**MAJOR BLASTING.** A blasting operation that does not meet the criteria for minor blasting.

**MID-RISE BUILDING.** A building four stories or more high, but not exceeding 75 feet in height and not defined as a high-rise building by section 202 of the California Building Code. Measurements shall be made from the underside of the roof or floor above the topmost space that may be occupied to the lowest fire apparatus access road level.

**MINOR BLASTING.** A blasting operation that meets all of the following criteria: quantity of rock to be blasted does not exceed 100 cubic yards per shot, bore hole diameter does not exceed 2 inches, hole depth does not exceed 12 feet, maximum charge weight does not exceed 8 pounds of explosives per delay and the initiation of each charge will be separated by at least 8 milliseconds. The maximum charge weight shall not exceed the Scaled Distance as shown below:

<b>Distance from Blast Site (In Feet)</b>	<b>Scale Distance Factor</b>
0 - 300	Mandatory Seismic Monitoring
301 - 5,000	55
5,000+	65

**MULCHING.** The process by which mixed green waste is mechanically reduced in size for the purpose of making compost.

**RESPONSE TIME.** The elapsed time from the fire department’s receipt of the first alarm to when the first fire unit arrives at the scene.

**SKY LANTERN.** An unmanned device with a fuel source that incorporates an open flame in order to make the device airborne.

**STATIC PILE.** A composting process that is similar to the aerated static pile except that the air source may or may not be controlled.

**STRUCTURE.** That which is built or constructed, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some manner.

**TRAVEL TIME.** The estimated time it would take for a responding agency to travel from the fire station to the furthest structure in a proposed development project, determined by measuring the safest, most direct, appropriate and reliable route with consideration given to safe operating speeds for heavy fire apparatus.

**WINDROW COMPOSTING PROCESS.** The process in which compostable material is placed in elongated piles. The piles or windrows are aerated and/or mechanically turned on a periodic basis.

**WOOD CHIPS.** Chips of various species of wood produced or used in chipping and grinding operations.

#### **SEC. 304.1.4 OUTDOOR CARNIVALS AND FAIRS.**

Section 304.1.4 is added to the California Fire Code to read:

**Sec. 304.1.4 Outdoor carnivals and fairs.** Outdoor carnivals and fairs shall only be conducted on grounds free of combustible vegetation or trimmed to the satisfaction of the FAHJ.

#### **SEC. 305.6 ROCKETS, MODEL AIRCRAFT AND SIMILAR DEVICES.**

Section 305.6 is added to the California Fire Code to read:

**Sec. 305.6 Rockets, model aircraft and similar devices.** Rockets, model airplanes, gliders, balloons, sky lanterns, floating luminary or similar devices powered with an engine, propellant, open flame or other feature liable to start or cause a fire shall not be projected into or across hazardous fire areas without prior approval of the fire code official.

#### **SEC. 307.4.3 PORTABLE OUTDOOR FIREPLACES.**

Section 307.4.3 of the California Fire Code is *revised* to read:

**Sec. 307.4.3 Portable outdoor fireplaces.** Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet (3048 mm) of a structure or combustible material.

Exception: Portable outdoor fireplaces used at one-and two-family dwellings. *All "warming fires", by which open burning of wood, shall have installed a "spark arrester" of ½" screen mesh or smaller installed or used in accordance with the manufacturer's instructions.*



## **SEC. 307.5 ATTENDANCE OF OPEN BURNING AND RECREATIONAL FIRES.**

Section 307.5 of the California Fire Code is *revised* to read:

**Sec. 307.5 Attendance.** Open burning, bonfires, recreational fires and the use of portable outdoor fireplaces shall be constantly attended *by an adult* until the fire is extinguished. Not fewer than one portable fire extinguisher complying with section 906 with a minimum 4-A rating or other approved on-site fire-extinguishing equipment, such as dirt, sand, water barrel, garden hose or water truck, shall be available for immediate utilization.

## **SEC. 325. MID-RISE BUILDINGS.**

Section 325 is added to the California Fire Code to read:

**Sec 325.1 General.** A newly constructed mid-rise building or a mid-rise building which undergoes a complete renovation that requires the building to be completely vacated shall comply with this section.

### **Exceptions:**

1. Buildings used exclusively as an open parking garage.
2. Buildings where all floors above the fourth floor level are used exclusively as an open parking garage.
3. Buildings such as a power plant, lookout tower, steeple, grain house, and other similar structures with intermittent human occupancy.

**Sec. 325.1.1 Automatic sprinkler systems and standpipes.** Mid-rise buildings shall be protected throughout by an automatic sprinkler system designed and installed in conformance with the NFPA 13 edition as referenced in Chapter 80 of CFC and in accordance with the following:

1. A control valve and a water flow alarm shall be provided for each floor. Each control valve and water flow alarm shall be electronically supervised.
2. Mid-rise buildings shall be provided with a Class I standpipe system that is interconnected with the automatic sprinkler system. The system shall consist of 2½-inch hose valves located in each stair enclosure on every floor. Two hose outlets shall be located on the roof outside of each stair enclosure which penetrates the roof. The standpipe system shall be designed, installed and tested in accordance with the NFPA 14 edition as referenced in Chapter 80 of CFC.

3. Fire department standpipe connections and valves serving each floor shall be located in the vestibule and located in a manner so as not to obstruct egress when hose lines are connected and charged.

**Sec. 325.1.2 Smoke detection.** Smoke detectors shall be provided in accordance with this section. Smoke detectors shall be connected to an automatic fire alarm system and shall be installed in accordance with the NFPA 72 edition as referenced in Chapter 80 of CFC. The actuation of any device required by this section shall operate the emergency voice alarm signal system and shall operate all equipment necessary to prevent the circulation of smoke through air return and exhaust ductwork. Smoke detectors shall be located as follows:

1. In every mechanical equipment, electrical, transformer, telephone equipment, unmanned computer equipment, elevator machinery or similar room and in all elevator lobbies. Elevator lobby detectors shall be connected to an alarm verification zone or be listed as a releasing device.
2. In the main return air and exhaust air plenum of each air conditioning system. The smoke detector shall be located in a serviceable area downstream of the last duct inlet.
3. At each connection to a vertical duct or riser serving two or more stories from a return air duct or plenum of an air conditioning system. In Group R-1 and R-2 occupancies, an approved smoke detector is allowed to be used in each return air riser carrying not more than 5,000 cubic feet per minute and not serving more than 10 air inlet openings.
4. For Group R-1 and R-2 occupancies in all corridors serving as a means of egress for an occupant load of 10 or more persons.

**Sec. 325.1.3 Fire alarm system.** An approved and listed, automatic and manual, fully addressable and electronically-supervised fire alarm system shall be provided in conformance with this code and the California Building Code & NFPA 72 edition as referenced in Chapter 80 of CFC.

**Sec. 325.1.4 Emergency voice alarm signaling system.** The operation of any automatic fire detector or water flow device shall automatically sound an alert tone followed by a pre-recorded voice instruction giving appropriate information and direction on a general or selective basis to the following terminal areas:

1. Elevators
2. Elevator lobbies
3. Corridors

4. Exit stairways
5. Rooms and tenant spaces
6. Dwelling units
7. Hotel guest rooms
8. Areas designated as safe refuge within the building

**Sec. 325.1.5 Fire command center.** A fire command center for fire department operations shall be provided. The location and accessibility of the fire command center shall be approved by the *fire* code official. The room shall be separated from the remainder of the building by not less than a 2-hour fire barrier. The room shall be a minimum of 200 square feet with a minimum dimension of 10 feet. It shall contain the following facilities at a minimum:

1. Voice alarm and public address panels
2. Fire department communications panel
3. Fire alarm annunciator panel
4. Elevator annunciator panel (when building exceeds 55 feet in height)
5. Status indicators and controls for air-handling systems (stairwell pressurization)
6. Controls for unlocking stairwell doors
7. Fire pump status indicators (if required)
8. Set of complete building plans
9. Elevator control switches for switching of emergency power
10. Work table

**Sec. 325.1.6 Annunciation identification.** Control panels in the central control station shall be permanently identified as to their function. Water flow, automatic fire detection and manually-activated fire alarms, supervisory and trouble signals shall be monitored by an approved UL-listed central monitoring station and annunciated in the fire command center by means of an audible and visual indicator. For the purposes of annunciation, zoning shall be in accordance with the following:

1. When the system serves more than one building, each building shall be a separate zone.
2. Each floor in a building shall be a separate zone.
3. When one or more risers serve the same floor, each riser shall be a separate zone.

**Sec. 325.1.7 Elevators.** Elevators and elevator lobbies shall comply with Chapter 30 of the California Building Code. At least one elevator cab shall be assigned for fire department use, and shall serve all floors of the building. This cab shall be provided large enough to accommodate an ambulance-type stretcher in accordance with section 3002.4 of the California Building Code.

**Sec. 325.1.8 Fire department communication system.** An approved two-way fire department communication system designed and installed in accordance with the NFPA 72 edition referenced in Chapter 80 of CFC shall be provided for fire department use per section 907.2.13.2.

**Sec. 325.1.9 Means of egress.** In addition to the requirements of Chapter 10, egress components of mid-rise buildings shall comply with sections 325.1.9.1 through 325.1.9.5.

**Sec. 325.1.9.1 Extent of enclosure.** Stairway enclosures shall be continuous and shall fully enclose all portions of the stairway. Exit enclosures shall exit directly to the exterior of the building or include an exit passageway on the ground floor leading to the exterior of the building. Each exit enclosure shall extend completely through the roof and be provided with a door that leads onto the roof.

**Sec. 325.1.9.2 Pressurized enclosures and stairways.** All required stairways and enclosures in a mid-rise building shall be pressurized as specified in section 909. Pressurized stairways shall be designed to exhaust smoke manually when needed.

**Sec. 325.1.9.3 Vestibules.** Pressurized stairway enclosures serving a mid-rise building shall be provided with a pressurized entrance vestibule on each floor that complies with section 909.

**Sec. 325.1.9.4 Pressure differences.** The minimum pressure difference between a vestibule and adjacent areas shall comply with section 909.

**Sec. 325.1.9.5 Locking of stairway doors.** All stairway doors that are locked to prohibit access from the interior of the stairway shall have the capability of being unlocked simultaneously, without unlatching, upon a signal from the fire command center. Upon failure of normal electrical service or activation of any fire alarm, the locking mechanism shall automatically retract to the unlocked position.

A telephone or other two-way communication system connected to an approved emergency service which operates continuously shall be provided at not less than every third floor in each required exit stairway vestibule.

Approved signage stating doors are locked shall be provided in each stairwell vestibule on each floor in which entry may be made and on each floor in which a telephone is located. Hardware for locking stairway vestibule doors shall be State Fire Marshal listed and approved by the fire code official by permit before installation. Stairway doors located between the vestibules and the stairway shaft shall not be locked.

## **SEC. 326 STORAGE OF FIREWOOD. (T14 1299.03 B2) Zone 2**

Section 326 is added to the California Fire Code to read:

**Sec. 326.1 General.** Firewood shall not be stored in unenclosed space beneath a building or structure, on a deck or under eaves, a canopy or other projection or overhang. When required by the fire code official, firewood or other combustible material stored in the defensible space surrounding a structure shall be located at least 30 feet from any structure and separated by a minimum of 15 feet from the drip line of any trees, measured horizontally. Firewood and combustible materials not for use on the premises shall be stored so as to not pose a fire hazard. Wood storage shall be located on bare soil or a non-combustible material. Minimum clearance around wood storage pile shall be 10' bare soil, free of vegetation or other combustible material measured on a horizontal plane. The maximum size of wood storage shall be 2 cords of woods with the pile dimensions no greater than 4 feet in height, 4 feet in width, and 16 feet in length.

Exception: Permit may be issued by the FAHJ for wood storage amounts in excess of this section.

## **SEC. 501.3.2 FIRE APPARATUS ACCESS MODIFICATIONS**

Section 501.3.2 is added to the California Fire Code to read:

**Sec. 501.3.2 Fire apparatus access modifications.** Plans for the modification of fire apparatus access road shall be submitted to the fire code official for review and approval prior to construction or modification of any fire apparatus road.

## **SEC. 503 FIRE APPARATUS ACCESS ROADS**

Section 503 of the California Fire Code is *revised* to read:

**Sec. 503.1 General.** Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.

*Fire apparatus access roads shall be provided and maintained in compliance with this section and the most recent edition and any amendments thereto, of public and private road standards as adopted by the County of San Diego (San Diego County Standards for Private Roads and Public Roads, San Diego County Department of Public Works). The fire code official may modify the requirements of this section if the modification provides equivalent access.*

**503.1.1 Buildings and facilities.** *Approved* fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the

requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the *exterior walls* of the first story of the building as measured by an *approved* route around the exterior of the building or facility.

**Exceptions:**

1. The *fire code official* is authorized to increase the dimension of 150 feet (45 720 mm) where any of the following conditions occur:

1.1 The building is equipped throughout with an *approved automatic sprinkler system* installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.

1.2. Fire apparatus access roads cannot be installed because of location on property, topography, waterways, non-negotiable grades or other similar conditions, and an *approved* alternative means of fire protection is provided.

1.3. There are not more than two Group R-3 or Group U occupancies.

2. Where approved by the *fire code official*, fire apparatus access roads shall be permitted to be exempted or modified for solar photovoltaic power generation facilities.

**Sec. 503.1.2 Additional access.** The fire code official is authorized to require *Discretionary projects located in State Responsibility Areas (SRA) & Local Responsibility Areas (LRA) with any fire hazard severity zones* more than one fire apparatus access road. This requirement is based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access. *When additional fire apparatus access roads are necessary as mitigation for the exceedance of the maximum allowable dead-end road length, the additional fire apparatus access road must be remote from the primary fire apparatus access road.*

**Sec. 503.1.2.1 Secondary Access When Required.** *When new subdivisions are proposed secondary access is required pursuant to Sec. 503.2.5.1 or in instances the fire code official determines that secondary access is required.*

**Sec. 503.1.3 High-piled storage.** Fire department vehicle access to buildings used for high-piled combustible storage shall comply with the applicable provisions of Chapter 32.

**503.2 Specifications.** Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.9.

**Sec. 503.2.1 Dimensions.** *The dimensions of fire apparatus access roads shall be in accordance with the following:*

*(a) Fire apparatus access roads shall have an unobstructed improved width of not less than 24 feet, except as provided in section 503.2.1.1 for single-family residential driveways serving no more than two residential parcels, which shall have a minimum of 16 feet of unobstructed improved width. Any of the following, which have separated lanes of one-way traffic: gated entrances with card readers, guard stations or center medians, are allowed, provided that each lane is not less than 14 feet wide.*

*(b) Fire apparatus access roads that are public or private roads which are provided or improved as a result of a Tentative Map, Tentative Parcel Map or a Major/Minor Use Permit shall have the dimensions as set forth by the County of San Diego Standards for Public and Private Roads.*

*(c) All fire apparatus access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches.*

*(d) Vertical clearances or road widths shall be increased when the fire code official determines that vertical clearances or road widths are not adequate to provide fire apparatus access.*

*(e) Vertical clearances or road width may be reduced when the fire code official determines the reduction does not impair access by fire apparatus. In cases where the vertical clearance has been reduced, approved signs shall be installed and maintained indicating the amount of vertical clearance.*

*(f) Driveways exceeding 150 feet in length, but less than 600 feet in length, shall provide a turnout near the midpoint of the driveway. Where the driveway exceeds 600 feet, turnouts shall be provided no more than 400 feet apart.*

*(g) For buildings that are more than 35 feet in height, a 35-foot unobstructed fire lane shall be provided. Unless otherwise approved by the fire code official. Fire apparatus access roads shall have an unobstructed width of not less than 35 feet when within laddering distance of buildings exceeding 35 feet in height. The access road shall be set back from buildings exceeding two stories in height such that the centerline of the fire access road shall be equal to 1/4 the difference in elevation from the fire access road to the roof. The building curbside access roads serving buildings over two stories in height but less than 44 feet in height shall be permitted to be up to 10 feet away from the building.*

**Sec. 503.2.2 Authority to increase minimums.** The fire code official shall have the authority to require or permit modifications to the required access widths where they are

inadequate for fire or rescue operations or where necessary to meet the public safety objectives of the jurisdiction.

**Sec. 503.2.3 Surface.** Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus (*not less than 75,000 lbs. unless authorized by the fire code official*) and shall be provided with an approved paved surface so as to provide all-weather driving capabilities. *The paving and sub-base shall be installed to the standards specified in the County of San Diego Parking Design Manual. A residential driveway constructed of 3½" Portland cement concrete may be installed on any slope up to 20% provided that slopes over 15% have a deep broom finish perpendicular to the direction of travel to enhance traction. The fire code official may allow a surfacing material of 6 inches of compacted decomposed granite on fire apparatus access roads with a slope of 10% or less in areas allowed by the San Diego County Standards for Private Roads.*

**Sec. 503.2.3 Surface.** Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus (not less than 75,000 lbs. unless authorized by the FAHJ) and shall be provided with an approved paved surface so as to provide all weather driving capabilities. The paving and sub-base shall be installed to the standards specified in the County of San Diego Parking Design Manual. A residential driveway constructed of 3½" Portland cement concrete may be installed on any slope up to 20% provided that slopes over 15% have a deep broom finish perpendicular to the direction of travel or other approved surface to enhance traction.

**Sec. 503.2.4 Roadway radius.** *The horizontal inside radius of a fire apparatus access road shall comply with the County of San Diego Public and Private Road Standards approved by the Board of Supervisors. The horizontal inside radius of any public or private driveway shall be a minimum of 28 feet, as measured on the inside edge of the improvement width or as approved by the fire code official. The length of vertical curves of fire apparatus access roads shall not be less than 100 feet, or as approved by the fire code official.*

**Sec. 503.2.5 Dead ends.** Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around *emergency* apparatus.

**Sec. 503.2.5.1 Dead end roads turn-around required.** *A cul-de-sac or other approved turn-around shall be provided in residential areas where the fire apparatus access roads serve 3 or more parcels. The minimum unobstructed radius width for a cul-de-sac in a residential area shall be 36 feet paved, 40 feet graded, or as approved by the fire code official. The fire code official shall establish a policy identifying acceptable turnarounds for various project types. See Annex A & B for illustrations*



**Sec. 503.2.5.2 Dead-end roads.** *The maximum length of a dead-end road, including all dead-end roads accessed from that dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served:*

*(Title 14 SRA 1273.09 Ref.)*

<u>ZONING FOR PARCEL SERVED BY DEAD-END ROAD(S)</u>	<u>CUMULATIVE LENGTH OF DEAD-END ROAD(S)</u>
Parcels zoned for less than 1 acre	800 feet
Parcels zoned for 1 acre to 4.99 acres	1,320 feet
Parcels zoned for 5 acres to 19.99 acres	2,640 feet
Parcels zoned for 20 acres or larger	5,280 feet table

*All lengths shall be measured from the edge of the roadway surface at the intersection where the road begins to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes, requiring different length limits, the shortest allowable length shall apply. Where parcels are zoned 5 acres or larger, turnarounds shall be provided at a maximum of 1,320 foot intervals. Each dead-end road shall have a turnaround approved by the fire code official and constructed at its terminus.*

*A turnaround shall be provided to all building sites on driveways over 150 feet in length, and shall be within fifty (50) feet of the building.*

**Sec. 503.2.6 Bridges and elevated surfaces.** Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HB-17. Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits *and clearance limitations* shall be posted at both entrances to bridges where required by the fire code official. Where elevated surfaces designed for emergency vehicle use are adjacent to surfaces which are not designed for such use, approved barriers, approved signs or both shall be installed and maintained where required by the fire code official.

**Sec. 503.2.6.1 Bridges with one traffic lane.** *When approved by the fire code official, private bridges providing access to not more than two residential dwellings may have one 12-foot-wide travel lane and it shall provide for unobstructed visibility from one end to the other, and turnouts shall be provided at both ends.*

**Sec. 503.2.7 Grade.** *The gradient for a fire apparatus access roadway shall not exceed 15.0%. The fire code official may allow roadway grades up to 20.0% provided that the roadway surface conforms to section 503.2.3. The fire code official may require additional mitigation measures.*

**Sec 503.2.7.1 Cross-Slope.** *The standard cross-slope shall be 2 percent; minimum cross-slope shall be 1 percent; maximum cross-slope shall be 5 percent.*

**Sec. 503.2.8 Angles of Approach and Departure.** The angles of approach and departure for fire apparatus access roads shall *not exceed 7 degrees (12 %) for the first 30' or as approved by the fire code official* and shall not allow for transitions between grades that exceed 6% elevation change along any 10-foot section.

**Sec. 503.2.9 Roadway Turnouts.** *When required by the fire code official, turnouts shall be a minimum of 12 feet wide and 30 feet long with a minimum 25-foot taper on each end. (Title 14 SRA 1273.06)*

**Exception:** *The minimum width of the turnout may be reduced to 10 feet wide when the fire code official determines the reduction does not impair access by fire apparatus.*

**Sec. 503.3 Marking.** When required by the fire code official, approved signs or other approved notices or markings that include the words “NO PARKING FIRE LANE” shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. *Signs or notices* shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility

**Sec. 503.3.1 Fire Lane Designation.** *Where the fire code official determines that it is necessary to ensure adequate fire access, the fire code official may designate existing roadways as fire apparatus access roads as provided by Vehicle Code section 22500.1.*

**Sec. 503.4 Obstruction of fire apparatus access roads.** Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum road widths and clearances established in sections 503.2.1 and 503.2.2 shall be maintained at all times.

**Sec. 503.4.1 Traffic calming devices.** Traffic calming devices (*including, but not limited to, speed bumps, speed humps, speed control dips, etc.*) shall be prohibited unless approved by the fire code official.

**Sec. 503.5 Required gates or barricades.** The fire code official is authorized to require the installation and maintenance of gates or other approved barricades across fire apparatus access roads, trails or other access ways, not including public streets, alleys or highways. Electric gate openers, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.

**Sec. 503.5.1 Secured gates and barricades.** When required, gates and barricades shall be secured *as approved by the fire code official*. Roads, trails and other access ways that have been closed and obstructed in the manner prescribed by section 503.5 shall not be trespassed on or used unless authorized by the owner and the fire code official.

**Exception:** The restriction on use shall not apply to public officers acting within the scope of duty.

**Sec. 503.5.2 School fences and gates.** *School grounds may be fenced and gates therein may be equipped with locks, provided that safe dispersal areas based on three square feet per occupant are located between the school and the fence. Such required safe dispersal areas shall not be located less than 50 feet from school buildings.*

*Every public and private school shall conform to Education Code section 32020, which states:*

*The governing board of every public school district and the governing authority of every private school, which maintains any building used for the instruction or housing of school pupils on land entirely enclosed (except for building walls) by fences or walls, shall, through the cooperation of local law enforcement and fire protection agencies having jurisdiction of the area, provide for the erection of gates in these fences or walls. The gates shall be of sufficient size to permit the entrance of ambulances, police equipment and fire-fighting apparatus used by law enforcement and fire protection agencies. There shall be no less than one access gate and there shall be as many of these gates as needed to ensure access to all major buildings and ground areas. If these gates are equipped with locks, the locking devices shall be designed to permit ready entrance by the use of chain or bolt-cutting devices with which the local law enforcement and fire protection agencies may be equipped.*

**Sec. 503.6 Security gates.** *No person shall install a security gate or security device across a fire apparatus access road without the fire code official's approval.*

- 1. An automatic gate across a fire access road or driveway shall be equipped with an approved emergency key-operated switch overriding all command functions and opening the gate.*
- 2. A gate accessing more than four residences or residential lots or a gate accessing hazardous, institutional, educational or assembly occupancy group structure, shall also be equipped with an approved emergency traffic control-activating strobe light sensor or other device approved by the fire code official, which will activate the gate on the approach of emergency apparatus.*
- 3. An automatic gate shall be provided with a battery back-up or manual mechanical disconnect in case of power failure with "fail open" and "fail secure" options enabled to prevent entrapment.*
- 4. An automatic gate shall meet fire department policies deemed necessary by the fire code official for rapid, reliable access.*
- 5. When required by the fire code official, an automatic gate in existence at the time of adoption of this chapter is required to install an approved emergency*

- key-operated switch or other mechanism approved by the fire code official, at an approved location, which overrides all command functions and opens the gate. A property owner shall comply with this requirement within 90 days of receiving written notice to comply.*
6. *Where this section requires an approved key-operated switch, it may be dual-keyed or equipped with dual switches provided to facilitate access by law enforcement personnel.*
  7. *All gates providing access from a road to a driveway shall be located a minimum of 30 feet from the nearest edge of the roadway and shall be at least two feet wider than the width of the traffic lane(s) serving the gate.*
  8. *Electric gate openers, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.*

## **SEC. 505 PREMISES IDENTIFICATION**

Section 505 of the California Fire Code is *revised* to read:

**Sec. 505.1 Address identification.** New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property.

Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) high with a minimum stroke width of ½-inch (12.7 mm) *for residential buildings, 8 inches high with a 1-inch stroke for commercial and multi-family residential buildings, and 12 inches high with a 1-inch stroke for industrial buildings.* Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

**Sec. 505.2 Street or road signs.** Streets and roads shall be identified with approved signs. Temporary signs shall be installed at each street intersection when construction of new roadways allows passage by vehicles. Signs shall be of an approved size, weather-resistant and be maintained until replaced by permanent signs. *All new public roads, all private roads within major subdivisions and all private road easements serving four or more parcels shall be named. Road name signs shall comply with County of San Diego Department of Public Works Design Standard #DS-13.*

**Sec 505.2.1 Traffic Access Limitations.** *Signs identifying traffic access limitations shall be placed at the intersection preceding the traffic access limitation, and no more than 100 feet before such traffic access limitation*

**Sec. 505.3 Easement address signs.** *A road easement which is not named differently from the roadway from which it originates shall have an address sign installed and maintained listing all street numbers occurring on that easement. The sign shall be located where the easement intersects the named roadway. The numbers on the sign shall contrast with the background and have a minimum height of 4 inches and a minimum stroke of ½-inch.*

**Sec. 505.4 Directory map.** *A lighted directory map acceptable to the FAHJ, shall be installed at the driveway entrance to a residential multi-family project or a mobile home park, with more than 15 units.*

**Sec. 505.5 Response map updates.** *Any new development which necessitates updating emergency response maps due to new structures, hydrants, roadways or similar features shall be required to provide map updates in a format compatible with current department mapping services and shall be charged a reasonable fee for updating all response maps.*

#### **SEC. 506.1.3 EMERGENCY KEY ACCESS.**

Section 506.1.3 is added to the California Fire Code portion to read:

**Sec. 506.1.3 Emergency key access.** All central station-monitored fire detection systems and automatic sprinkler systems shall have an approved emergency key access box on site in an approved location. The owner or occupant shall provide and maintain current keys for any structure for fire department placement in the box and shall notify the fire department in writing when the building is re-keyed.

#### **SEC. 507.2 TYPE OF WATER SUPPLY.**

Section 507.2 of the California Fire Code is *revised* to read:

**Sec. 507.2 Type of water supply.** A water supply *may* consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems, *as approved by the fire code official*, capable of providing the required fire flow. *In setting the requirements for fire flow, the fire code official shall follow section 507.3 or Appendix B of the CFC, or the standard published by the Insurance Service Office, "Guide for Determination of Required Fire Flow".*

**Sec. 507.2.1 Private fire service mains.** Private fire service mains and appurtenances shall be installed in accordance with NFPA 24 as referenced in Chapter 80 of CFC.

**Sec. 507.2.2 Water tanks.** Water tanks for private *residential* fire protection, *when authorized by the fire code official*, shall *comply with Table 507.2.2* and be installed in

accordance with the NFPA 22 edition referenced in Chapter 80 of CFC. Water tanks for *commercial* fire protection, when authorized by the fire code official, shall be installed in accordance with the NFPA 22 edition referenced in Chapter 80 of CFC. *Water tanks are only allowed if a letter from the applicable water district is provided stating that extending the water line and adding a hydrant is unserviceable.*

<b>TABLE 507.2.2 RESIDENTIAL WATER TANK REQUIREMENTS</b>			
<b>Building Square Feet</b>	<b>Gallons Per Minute Water Flow</b>	<b>Capacity Gallons</b>	<b>Duration Minutes</b>
Up to 1,500	250	5,000	20
Over 1,500	250	10,000	40
When the exposure distance is one hundred feet (100') or less from an adjacent property, or where additional hazards or higher fire flow exists, the required water storage may be modified by the fire code official.			

1. Tank bottom elevation shall be equal to or higher than the fire department connection on the premises. Regardless of domestic use, all tanks shall be equipped with a device that will ensure that the tank contains the designated amount of water for fire flow duration as determined by the FAHJ. Tank size may be increased to serve multiple structures on a single parcel. The bottom of the water storage tank shall be level with or above the building pad.

2. Supply outlet shall be at least one-4 inch in diameter from the base of the tank to the point of outlet at the fire department connection. The fire department connection shall have an approved means of controlling water flow. The fire department connection shall be at least one-4 inch National Standard Thread (male), reduced to one- 2½ inch National Standard Thread (male). Additional outlets may be required.

3. Location of fire department outlet shall be shown on the plot plan when submitted to the FAHJ. Consideration will be given to topography, elevations, and distance from structures, driveway access, prevailing winds, etc.

4. The outlet shall be located along a fire apparatus access roadway and shall not be closer than 50 feet or further than 150 feet from the structure unless approved by the FAHJ.

5. All exposed tank supply pipes shall be listed for above-ground use as per the NFPA 13 edition referenced in Chapter 80 of CFC. Adequate support shall be provided.

6. Water storage tanks shall be constructed from materials approved by the NFPA 22 edition referenced in Chapter 80 of CFC and installed per manufacturer instructions.

7. Plans shall be submitted to the FAHJ for approval prior to tank installation. Tanks shall be installed as per County Zoning setback requirements. See “Annex F” example plan submittal.

8. Vessels previously used for products other than water shall not be allowed.

9. All underground piping serving the fire department connection shall be listed and approved as per the NFPA 24 edition referenced in Chapter 80 of CFC.

### **SEC. 507.3 FIRE FLOW.**

Section 507.3 of the California Fire Code is *revised* to read:

**Sec. 507.3 Fire flow.** Fire flow requirements shall be based on Appendix B of the California Fire Code or the standard published by the Insurance Services Office, “Guide for Determination of Required Fire Flow.” Consideration should be given to increasing the gallons per minute to protect buildings and structures of extremely large square footage and for such reasons as: poor access roads, grade and canyon rims, hazardous brush and response times greater than five minutes by a recognized fire department or fire suppression company. In hazardous fire areas the main capacity for new subdivisions shall not be less than 2,500 – 3,000 gallons per minute, unless otherwise approved by the fire code official. If fire flow increases are not feasible, the fire code official may require alternative design standards such as: alternative types of construction that provides a higher level of fire resistance, fuel break requirements, which may include required irrigation, modified access road requirements, specified setback distances for building sites addressing canyon rim developments and hazardous brush areas, and other requirements as authorized by this chapter and as required by the fire code official.

### **SEC. 507.5.7 FIRE HYDRANT AND FIRE VALVE LOCATION.**

Section 507.5.7 is added to the California Fire Code to read: *(Title 14 1275.15)*

**Sec. 507.5.7 Fire hydrant and fire valve location.** The fire hydrant or fire valve shall be between 14 to 24 inches above grade, no closer than 4 feet nor further than 10 feet from the roadway, and 10 feet from combustible vegetation.

**Sec. 507.5.7.1 Signing of water sources and fire department connections.** *The fire code official shall require fire hydrants and fire department connections to be identified. Fire hydrants shall be identified by a reflective blue marker and fire department connections shall be identified by a reflective green marker, with a minimum dimension of*

*3 inches, in the center of the travel lane adjacent the water source, or by other methods approved by the fire code official.*

*All materials shall be listed and approved by the water purveyor and/or fire code official. The fire code official may require a fire hydrant to have any combination of one-4 inch and one-2 ½ inch outlets with National Standard Threads.*

#### **SEC. 507.5.8 WATERLINE EXTENSIONS.**

Section 507.5.8 is added to the California Fire Code to read:

**Sec. 507.5.8 Waterline Extensions.** The fire code official may require a waterline extension for the purpose of installing a fire hydrant if a water main is 1,500 feet or less from the property line. Water tanks are only allowed if a letter from the applicable water district is provided stating that extending the water line and adding a hydrant is unserviceable.

#### **SEC. 605.3.1 SPARK ARRESTERS.**

Section 605.3.1 is added to the California Fire Code to read:

**Sec. 605.3.1 Spark arresters.** All buildings and structures having a chimney, flue or stovepipe attached to a fireplace, stove, barbecue or other solid or liquid fuel burning equipment or device shall have the chimney, flue or stovepipe equipped with an approved spark arrester. An approved spark arrester is a device intended to prevent sparks from escaping into the atmosphere, constructed of welded or woven wire mesh, 12-gauge thickness or larger, with openings no greater than ½” inch, or other alternative material the FAHJ determines provides equal or better protection.

#### **SEC. 605.8.1 RESIDENTIAL INCINERATORS.**

Section 605.8.1 of the California Fire Code is *revised* to read:

**Sec. 605.8.1 Residential Incinerators.** *Residential incinerators are prohibited in the unincorporated area of the County.*

#### **SEC. 903.2 AUTOMATIC SPRINKLER SYSTEMS-WHERE REQUIRED.**

Section 903.2 of the California Fire Code is *revised* to read:

**903.2 Where required.** Approved automatic sprinkler systems shall be installed in all new buildings. For the purpose of automatic sprinkler systems, buildings separated by less than 10 feet from adjacent buildings shall be considered one building. Fire barriers and



partitions, regardless of rating, shall not be considered as creating separate buildings for purposes of determining automatic sprinkler system requirements. Mezzanines shall be included in the total square footage calculation. All new buildings constructed shall have an approved NFPA 13, NFPA 13R or NFPA 13D automatic sprinkler system installed as per 903.3.1.1, 903.3.1.2 or 903.3.1.3. The Fire Code Official has the final decision of which NFPA 13 standard to apply, as required due to access, water supply and travel time.

**Exceptions:**

1. Group U occupancies not greater than 500 square feet, and when the building is more than 10 feet from an adjacent building or property line measured from the farthest projection from the building.
2. Agricultural buildings constructed of wood or metal frames over which fabric or similar material is stretched, which are specifically used as green houses are exempt from the automatic sprinkler system requirements unless physically connected to other building.

**903.2 (a) Additions.** An automatic sprinkler system shall be required to be installed throughout the building when the addition is more than 50% of the existing building or when the altered building will exceed a fire flow as calculated pursuant to section 507.3. The fire code official may require an automatic sprinkler system to be installed in buildings where no water main exists to provide the required fire flow or where a special hazard exists, such as poor access roads, steep grades and canyon rims, hazardous brush and response times greater than 5 minutes by a fire department. The fire code official may require that other protective measures be taken based on existing conditions and/or potential hazards. The preceding addition or remodel exception is limited to one permit per three-year period from the date of the last permit approval.

**903.2 (b) Remodels or reconstructions.** The fire code official may require an automatic sprinkler system to be installed throughout buildings if a remodel or reconstruction includes significant modification to the interior or roof of the building. The fire code official may require that other protective measures be taken based on existing conditions and/or potential hazards. The preceding addition or remodel exception is limited to one permit per three-year period from the date of the last permit approval.

**903.2 (c) Group U Occupancies.** For Group U Occupancies greater than 500 square feet, an approved automatic sprinkler system shall be installed as per NFPA 13D edition referenced in Chapter 80 CFC, or as approved by the FAHJ.

**SEC. 903.4 AUTOMATIC SPRINKLER SYSTEM MONITORING AND ALARMS.**

Section 903.4 of the California Fire Code is *revised* to read:

**Sec. 903.4 Automatic Sprinkler system supervision and alarms.** All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures and water-flow switches on all automatic sprinkler systems shall be electronically supervised by a listed fire alarm control unit.

**Exceptions:**

1. Automatic sprinkler systems *with less than 100 fire sprinklers* protecting one-family and two-family dwellings and Group U occupancies.
2. Limited area sprinkler systems in accordance with Section 903.3.8.
3. Automatic sprinkler systems installed in accordance with NFPA 13R edition referenced in Chapter 80 CFC. Where a common supply main is used to supply both domestic water and the automatic sprinkler system and a separate control valve for the automatic sprinkler system is not provided.
4. Jockey pump control valves that are sealed or locked in the open position.
5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position.

**SEC. 1205.5 GROUND-MOUNTED PHOTOVOLTAIC ARRAYS.**

Section 1205.5 of the California Fire Code is *revised* to read:

**Sec. 1205.5 Ground-mounted photovoltaic arrays.** *Ground-mounted photovoltaic array installations shall meet the requirements of sections 1205.5.1 through 1205.5.4.*

**Sec. 1205.5.1 Fire apparatus access roads.** *Fire apparatus access roads to ground-mounted photovoltaic arrays, associated equipment structures and operations/maintenance buildings shall comply with section 503.*

**Exception:** *Private residential and agricultural systems less than 10 acres in size and where the energy generated is primarily for on-site use are exempt from this requirement subject to the approval of the fire code official.*

**Sec. 1205.5.2 Perimeter fire apparatus access roadway.** *Ground-mounted photovoltaic arrays 10 acres or larger in size shall provide a fire apparatus access roadway around the perimeter of the project. The perimeter fire apparatus access roadway shall comply with section 503.*

**Sec. 1205.5.3 Fuel modification.** *Combustible vegetation within the array and to a distance of 30 feet from the array and associated equipment shall be reduced to a height of no more than 6 inches. The fuel modification zone may be increased when required by the fire code official or as recommend by a fire protection plan.*

**Exception:** *For private residential and agricultural systems less than 10 acres in size and where the energy generated is used primarily on-site, the required fuel modification zone may be reduced to 10 feet from the array and associated equipment.*

*Operation/maintenance buildings shall be provided with fuel modification zones that comply with section 4907.5.*

**Sec. 1205.5.4 Water supply.** *Water supply for fire protection and suppression shall be provided for equipment structures and operations/maintenance buildings as required by section 507.*

**Sec. 1205.6 Identification.** *Ground-mounted photovoltaic arrays with multiple equipment structures shall include a means of readily identifying each equipment structure. The fire code official may require a lighted directory map of the project to be installed on-site near the entrance to the facility for projects of 10 or more acres in size.*

## **SEC. 2808 STORAGE AND PROCESSING OF WOOD CHIPS, HOGGED MATERIAL, FINES, COMPOST, SOLID BIOMASS FEEDSTOCK AND RAW PRODUCT ASSOCIATED WITH YARD WASTE, AGRO-INDUSTRIAL AND RECYCLING FACILITIES.**

Section 2808 of the California Fire Code is *revised* to read:

**Sec. 2808.1 General.** The storage and processing (mulching, composting) of wood chips, hogged materials, fines, compost, solid biomass feedstock and raw product produced from yard waste, debris and agro-industrial and recycling facilities shall be in accordance with section 2808.1 through 2808.10.10.

**Sec. 2808.2 Storage sites.** Storage sites shall be level and on solid ground or other approved all-weather surface.

**Sec. 2808.3 Size of piles.** Pile height, width and length shall be limited to criteria approved by the fire code official, based in part on the site material handling equipment. In no case shall a pile exceed 12 feet in height, 100 feet in width and 200 feet in length.

**Sec. 2808.4 Pile separation.** Piles shall be separated from adjacent piles and property lines by fire department access roadways.

**Sec. 2808.5 Combustible vegetation control.** The operator shall clear any combustible material, weeds, brush, trees or other vegetation (including mulch) that is or may become, dry and capable of transmitting fire, from within 50 feet of raw green waste and mulch piles. Clearance shall be to bare earth or approved pavement. Individual growing trees within that distance may remain, subject to the fire code official's approval.

**Sec. 2808.6 Static pile protection.** Interior pile temperatures shall be monitored and recorded on a regular basis per the Operational Plan. Internal pile temperatures shall be taken at  $\frac{2}{3}$  the pile height, 12 to 24 inches from the surface with a probe-type thermometer. Readings shall be made at not greater than 50-foot intervals along the length of the pile. Temperatures above 158° F are known to adversely affect microbial decomposition and are considered excessive. Infrared thermometers may be used to monitor for hot spots at the surface, but are not a substitute for internal probe measurement and documentation. Once windrows exceed 170° F, the windrows shall be reduced in size, be rotated and be monitored daily until temperatures drop below 158° F. All green waste stockpiles shall be re-mixed as necessary to alleviate any fire due to spontaneous combustion or temperatures above 170° F. Windrows shall be visually inspected on a regular basis. Once fires have been detected in any windrows at a site, this visual inspection shall be a minimum daily requirement. Daily inspections shall continue until the threat of fire no longer exists and the fire code official agrees inspections may be discontinued. All temperature and pile-handling records shall be kept on file at the site and be made available for inspection by fire department personnel. Data shall include date, time, temperature, specific location and person conducting measurement.

**Sec. 2808.7 Firefighting water supplies and storage.** Firefighting water supplies shall conform to sections 2808.7.1 or 2808.7.2.

**Sec. 2808.7.1 Public water supply.** The operator shall provide and maintain approved fire hydrants and waterline mains as required by the fire code official. Water lines may be approved aboveground lines supplied from a reliable water supply with adequate protection against impact and fire flow reaction. Hydrant spacing shall be at 400-foot intervals along primary fire access roadways. Fire flow at each hydrant shall be least 1000 gallons per minute at 20 psi. Duration of the required fireflow shall be as determined by the fire code official.

**Sec. 2808.7.2 Private water supply.** Above-ground water storage tanks may be installed when authorized by the fire code official where public water supply is not adequate to meet fire flow requirements. Volume and duration of the required fireflow shall be as determined by the fire code official.

**Sec. 2808.8 Fire Extinguishers:**

**Sec. 2808.9 Material-handling equipment.** Equipment used on all piles should be of a type that minimizes compaction. All vehicles operating on or around the piles shall have a Class A fire extinguisher of a minimum 2-A rating, in addition to the Class B rating appropriate for the vehicles. Approved material-handling equipment shall be available during firefighting operations for moving wood chips, hogged material, compost and raw product produced from yard waste and wood fines.

**Sec. 2808.10 Operational and emergency plans.** The following operational and emergency action plans shall be submitted to and be approved by the fire code official prior to initiating an operation under section 2808.10 through 2808.10.10:

1. **Operational Plan.** The operational plan shall include: Site layout, pile dimensions, fire access, water supply, site security, site operations, temperature monitoring, rotation and diversion plan.

2. **Emergency Plan.** The emergency plan shall include: Operator fire response actions, fire dispersal area, emergency equipment operator callback and initiation of incoming diversion plan. All plans shall define the equipment necessary to process and handle the materials.

**Sec. 2808.10.1 Permit required.** A permit shall be obtained from the fire code official prior to engaging in the operation and storing process of wood chips, hogged material, fines, compost and raw product in association with yard waste and similar material recycling facilities. The permit shall be renewed on an annual basis or shall be limited to such period of time as designated by the fire code official. Permits shall not be transferable and any change in use, location, occupancy, operation or ownership shall require a new permit.

**Sec. 2808.10.2 Financial assurance for cost recovery.** A security bond, irrevocable letter of credit or other approved form of financial assurance shall be required to be posted, in an amount determined by the fire code official. The financial assurance shall be a minimum of \$25,000.00 and a maximum of \$100,000.00, depending on the size of operation. The financial assurance shall reimburse the fire department for expenses incurred in any emergency response and/or enforcement action by the fire department to protect the public from fire or hazardous substances related to the operation. The financial

assurance shall be returned to the operator in a timely fashion once the operation is closed, to the satisfaction of the fire code official.

**Sec. 2808.10.3 Notification of fire department.** The operator shall report all fires to the fire department immediately upon discovery.

**Sec. 2808.10.4 Equipment operator emergency callback.** The operator shall implement and maintain a plan for rapid equipment operator response to the site. The maximum response time to the site shall be within one hour of a fire department notification. The following equipment shall be on site and staffed with skilled operators: bulldozer, loaders and heavy duty equipment necessary to mitigate a fire. Notification procedure shall be maintained operational 24 hours a day, seven days a week. Notification may be by pager activation, telephone answering service, or other approved means.

**Sec. 2808.10.5 Incoming waste diversion plan.** The operator shall develop a diversion plan for incoming green waste for implementation in the event of equipment failure or other inability to process and distribute green waste. The plan shall prevent stockpiling of waste on the site and unauthorized depositing of waste on or near the site. The operator shall initiate the diversion plan based on criteria in the Operational and Emergency Plan without further direction from the fire department.

**Sec. 2808.10.6 Unprocessable or non-green waste material.** All green waste that cannot be processed on-site, such as stumps and fibrous plants, shall be immediately removed from the feedstock, stored in roll-off containers or bins and be removed from the facility on a weekly basis. All plastic bags shall be removed prior to shredding material.

**Sec. 2808.10.7 Fire access roadway.** A fire access roadway shall be provided to the site and on the site. Each roadway shall be at least 20 feet wide, but the fire code official may require a greater width, depending on site conditions. The operator shall also be required to obtain the fire code official's approval for the type of driving surface for the onsite access roadway.

**Sec. 2808.10.8 General safety rules for site equipment maintenance.** Welding or cutting torch operations shall be conducted a minimum of 30 feet from combustible materials. A fire watch shall be provided to detect fire, and to operate fire-extinguishing equipment throughout the welding or cutting operation and 30 minutes thereafter. Refueling and on-site maintenance shall meet California Fire Code requirements in Chapters 23 & 57 and all other applicable fire code requirements.

**Sec. 2808.10.9 Site security.** Pile storage areas shall be surrounded with approved fencing. Fences shall be a minimum of 6 feet in height.

**Sec. 2808.10.10 Smoking and open burning prohibited.** The operator shall prohibit smoking and open flame on the operational site, including smoking within vehicles. Approved signs shall be clearly and prominently posted, and shall be enforced by the site operators. No open burning shall be allowed on site.

## **SEC. 3319. FUEL MODIFICATION ZONE REQUIREMENTS**

Section 3319 is added to the California Fire Code to read:

**Sec. 3319.1 Fuel modification zone during construction.** Any person doing construction of any kind which requires a permit under this code or the County Building Code shall install a fuel modification zone prior to allowing any combustible material to arrive on the site and shall maintain the zone during the duration of the project.

## **SEC. 4902. DEFINITIONS.**

Section 4902 of the California Fire Code is *revised* to read:

**Sec. 4902.1 General.** For the purposes of this chapter, certain terms are defined as follows:

**BUILDING OFFICIAL** means the Director of the Planning and Development Services or any person appointed or hired by the Director to administer or enforce the County's planning and construction standards. The building official duties shall include plan checking, inspections and code enforcement.

**COMBUSTIBLE VEGETATION** means material that in its natural state will readily ignite, burn and transmit fire from native or landscape plants to any building or other vegetation. Combustible vegetation includes dry grass, brush, weeds, litter or other flammable vegetation that creates a fire hazard.

**DEFENSIBLE SPACE** is an area either natural or man-made, where material capable of allowing a fire to spread unchecked has been treated, cleared or modified to slow the rate and intensity of an advancing wildfire and to create an area for fire suppression operations to occur. Distance measurements for defensible space shall be measured on a horizontal plane.

**FUEL BREAK** is an area, strategically located for fighting anticipated fires, where the native vegetation has been permanently modified or replaced so that fires burning into it can be more easily controlled. Fuel breaks divide fire-prone areas into smaller areas for easier fire control and to provide access for firefighting.

**OPEN SPACE EASEMENT** means any right or interest in perpetuity or for a term for years in open-space land, as that term is defined in Government Code section 51051, acquired by the County, a city or a non-profit organization where the instrument granting the right or interest imposes restriction on use of the land, to preserve the land for public use or enjoyment of the natural or scenic character of the land.

**OPEN SPACE PRESERVE** means open-space land, as that term is defined in Government Code section 65560(b), for the preservation of natural resources, managed production of resources, outdoor recreation, public health and safety, buffer for a military installation or the protection of cultural resources.

**SLOPE** is the variation of terrain from the horizontal; the number of feet, rise or fall per 100 feet, measured horizontally, expressed as a percentage. Regardless of manufactured cut, fill or natural slope.

**TREE CROWN** means the primary and secondary branches growing out from the main stem, together with twigs and foliage.

#### **SEC. 4903 PLANS.**

Section 4903.1.1 of the California Fire Code is added to read:

#### **SECTION 4903.1.1 FIRE PROTECTION PLAN WHEN REQUIRED**

**Sec. 4903.1.1 When required.** Planning and Development Services or the FAHJ shall require an applicant for a parcel map, subdivision map, specific plan or major use permit for any property located in a wildland-urban interface fire area to submit a Fire Protection Plan (FPP) as part of the approval process located in mapped any Fire Hazard Severity Zones for LRA and SRA.

#### **SEC. 4904 FIRE HAZARD SEVERITY ZONES**

Section 4904.3.1 of the California Fire Code is *revised* to read:

#### **SEC. 4905 WILDFIRE PROTECTION BUILDING CONSTRUCTION**

Section 4905 of the California Fire Code is *revised* to read:

**Sec. 4905.2 Construction methods for exterior wildfire exposure.** *The construction methods for exterior wildfire exposure in a wildland-urban interface fire area shall be as provided in Chapter 7A of the County Building Code.*



## SEC. 4906 VEGETATION MANAGEMENT

Section 4906 of the California Fire Code is *revised* to read:

**Sec. 4906.3 Landscape plans.** *When required by the FAHJ landscape plans shall be provided to the FAHJ or a designated third party for any new construction and or addition for residential and commercial buildings or accessory thereof. Plans shall be submitted and approved prior to any framing inspection. In addition, plans shall be provided when modifications occur to any previously approved landscape plan or to the Home Ignition Zones.*

**Sec. 4906.3.1 Contents.** Landscape plans shall contain the following:

1. Plans shall be prepared by a California Licensed Landscape Architect, Architect, or Civil Engineer. A landscape designer could prepare planting plans only (not irrigation) for a single-family residence but would need one of the above professionals to stamp the plans verifying compliance with the regulations.
2. Provide plans with a readable (Engineer or Architect) scale.
3. Delineation of fuel modification zones and Home Ignition Zones with a general description of the zone's dimensions and character.
4. Describe and show existing vegetation on plan.
5. Designate irrigated areas on the plan.
6. Include a Plant Legend with both botanical and common names for existing and proposed plant material.
7. Define all symbols, site amenities, features, and shaded areas, etc. used on the plans.
8. Draw all plant symbols of what the full mature canopy size will be.
9. Include quantities of trees and large shrubs being proposed.

**4906.3.2 Landscaping Installation.** All landscaping shall be installed per the approved plan prior to final inspection for issuance of certificate of occupancy.

**Sec. 4906.4 Vegetation.** All new vegetation shall be *drought tolerant* and fire-resistant vegetation in accordance with this section.

Exception: Trees classified as non-fire resistant vegetation complying with Section 4906.4.2.1

To be considered fire resistant vegetation, it must meet at least one of the following:

1. Be identified as fire-resistant vegetation in an approved book, journal or listing from an approved organization.
2. Be identified as fire-resistant vegetation by a licensed landscape architect with supporting justification.

3. Plants considered fire resistant vegetation and approved by the local enforcing agency.

**Sec. 4906.4.1 Shrubs.** All new plantings of shrubs *planted in Zone 1 and Zone 2* shall comply with the following:

1. Shrubs shall not exceed 6 feet in height.
2. Groupings of shrubs are limited to a maximum aggregate diameter of 10 feet.
3. Shrub groupings shall be separated from other groupings a minimum of 15 feet
4. Shrub groupings shall be separated from structures a minimum of 30 feet.
5. Where shrubs are located below or within a tree's drip line, the lowest tree branch shall be a minimum of three times the height of the understory shrubs or 10 feet whichever is greater.
6. *Ornamental grasses shall be planted a minimum 5 feet from any structure.*

**Sec. 4906.4.2 Trees.** Trees shall be managed as follow within the 50' foot zone of a structure:

1. New trees shall be planted and maintained so that the tree's drip line at maturity is a minimum of 10 feet from any combustible structure.
2. The horizontal distance between crowns of new trees and crowns of adjacent trees shall not be less than 10 feet.
3. *Existing trees shall be trimmed to provide a minimum separation of 10 feet (3048 mm) away from roof lines, barbecue, fire pit, other heat or flame producing devices, chimney and stovepipe outlets per Title 14, Section 1299.03.*
4. *For streetscape plantings, all non-fire resistive trees shall be planted so that the center of the tree trunk is 20 feet from edge of curb. Fire resistive trees may be planted 10 feet from edge of curb to center of tree trunk.*

**Sec. 4906.4.2.1 Non-fire-resistant vegetation.** New trees not classified as fire resistant vegetation, such as conifers (*including Junipers and Cypress*), palms *with fibrous tissues*, pepper trees, *acacia species, bamboo species* and eucalyptus species, and other species deemed highly flammable by the FAHJ shall be permitted provided the tree is planted and maintained so that the tree's drip line at maturity is a minimum 30 feet from any combustible structure.

## **SEC. 4907 DEFENSIBLE SPACE &**

### **ANNEX E "DEFENSIBLE SPACE ORDINANCES FOR FIRE DISTRICTS"**

Section 4907 of the California Fire Code is *revised* to read:

**Sec. 4907.4 Building and Structure setbacks from property lines.** The building official shall establish the minimum setbacks for locating a building and structure on a lot in a

wildland-urban interface fire area. The setbacks may be greater than the minimum setbacks provided in the County Zoning Ordinance, when necessary to protect a building and structure from an unreasonable hazard from a wildfire.

**Sec. 4907.4.1 General fire setbacks.** Buildings and structures shall be setback a minimum of 30 feet from property lines and biological open space easements unless existing permitted buildings and structures are located within 30 feet of the property line or the County Zoning Ordinance requires a greater minimum. When the property line abuts a roadway, the setback shall be measured from the centerline of the roadway.

**Exception:** When both the building official and the FAHJ determine that the hazard from a wildland fire is not significant or when the terrain, parcel size or other constraints on the parcel make the required setback infeasible.

**Sec. 4907.4.2 Fire setbacks adjacent protected areas.** Buildings and structures shall be setback a minimum of 100 feet from any property line adjacent to a national forest, state park or open space preserve. This setback may be reduced when existing permitted buildings and structures are located within 100 feet of the property line or additional mitigation measures are employed that are satisfactory to both the FAHJ and the building official.

### **AMENDMENT TO SECTION 4907.4.3**

**Sec. 4907.4.3 Building and Structure setback from slope.** Single-story buildings or structures shall be setback a minimum 15 feet horizontally from top of slope to the farthest projection from the structure. A single-story building or structure shall be less than 12 feet above grade, measured from plate height. A two-story building or structure shall be setback a minimum of 30 feet horizontally from top of slope to the farthest projection from the structure. A two-story building or structure shall be greater than a 12-foot plate height but shall not exceed 35 feet in total height. Buildings and structures greater than two stories may require a greater setback as determined by the fire code official.

See Annex C for “Illustration of Slope”.

**Sec. 4907.5 Fuel modification.** A fuel modification zone shall be required around every building that is designed primarily for human habitation or use or a building designed specifically to house farm animals. Decks, sheds, gazebos, freestanding open-sided shade covers and similar accessory structures less than 250 square feet and 50 feet or more from a dwelling, and fences more than 5 feet from a dwelling, are not considered structures for the establishment of a fuel modification zone. A fuel modification zone shall comply with the following:

- (a) When a building or structure in a hazardous fire area is located 100 feet or more from the property line, the person owning or occupying the building or structure shall

maintain a fuel modification zone within 100 feet of the building or structure. See Sec. 4907.9 “Home Ignition Zones” See Annex D for “Fuel Modification”

(b) The fire code official may increase the fuel modification zone more than the 100 foot minimum if fuel and/or topography are determined to increase the fire hazard severity.

(c) When a building or structure in a hazardous fire area is setback less than 100 feet from the property line, the person owning or occupying the building or structure shall meet the requirements in subsection (a) above, to the extent possible, in the area between the building or structure and the property line.

(d) The building official and the FAHJ may provide lists of prohibited and recommended plants.

(e) The fuel modification zone shall be located entirely on the subject property unless approved by the FAHJ. This required fuel modification zone may be reduced as allowed in subsection (c) above or increased as required by a fire protection plan.

(f) When the subject property contains an area designated to protect biological or other sensitive habitat or resource, no building or other structure requiring a fuel modification zone shall be located so as to extend the fuel modification zone into a protected area.

(g) Improved Property: Property owners shall be permitted to clear all combustible vegetation within a one hundred (100) foot radius of all buildings and structures using methods, such as mowing and trimming that leave plant root structure intact to stabilize soil. Clearing is not limited to these methods and discing, which exposes bare mineral soil, may be used if deemed necessary by the FAHJ.

a. Where the distance from the structure to the property line of the parcel on which the building is located is less than the distance required to be cleared, (100’), the adjacent parcel owner may be required to establish the required fuel break to achieve the required distance of defensible space if such requirement is approved by the Fire Code Official.

**Sec. 4907.6 Fuel modification of combustible vegetation from sides of roadways.** The FAHJ may require a property owner to modify combustible vegetation in the area within 20 feet from each side of the driveway or a public or private road adjacent to the property to establish a fuel modification zone. The FAHJ has the right to enter private property to ensure the fuel modification zone requirements are met.

**Exception:** The FAHJ may reduce the width of the fuel modification zone if it will not impair access.

**Sec. 4907.7 Community fuel modification.** The FAHJ may require a developer, as a condition of issuing a certificate of occupancy, to establish one or more fuel modification zones to protect a new community by reducing the fuel loads adjacent to a community and buildings within it. The developer shall assign the land on which any fuel modification zone is established under this section to the association or other common owner group that succeeds the developer as the person responsible for common areas within the community.

**Sec. 4907.7.1 Land ownership.** Once a fuel modification zone has been established under section 4907.5 the land on which the zone is located shall be under the control of an association or other common ownership established in perpetuity, for the benefit of the community to be protected.

**Sec. 4907.8 Maintenance of defensible space.** Any person owning, leasing, controlling, operating or maintaining a building or structure required to establish a fuel modification zone pursuant to Sec. 4907.5 shall maintain the defensible space. The FAHJ may enter the property to determine if the person responsible is complying with this section. The FAHJ may issue an order to the person responsible for maintaining the defensible space directing the person to modify or remove non-fire resistant vegetation from defensible space areas, remove leaves, needles and other dead vegetative material from the roof of a building, maintain trees as required by Sec. 4907.8.1 or to take other action the FAHJ determines is necessary to comply with the intent of sections 4907 et seq.

**Sec. 4907.8.1 Trees.** Crowns of mature trees located within defensible space shall maintain a minimum horizontal clearance of 10 feet for fire resistant trees and 30 feet for non-fire resistive trees. Mature trees shall be pruned to remove limbs to maintain a vertical separation of three times the height of the lower vegetation or 6 feet, whichever is greater, above the ground surface adjacent to the trees. Dead wood and litter shall be regularly removed from trees. Ornamental trees shall be limited to groupings of 2-3 trees with canopies for each grouping separated horizontally as described in Table 4907.8.1.

**TABLE 4907.8.1  
DISTANCE BETWEEN TREE CANOPIES**

<b>Distance between Tree Canopies by Percent Slope</b>	
<b>Percent of Slope</b>	<b>Required Distances Between Edge of Mature Tree Canopies (1)</b>
<b>0 to 20</b>	<b>10 feet</b>
<b>21 to 40</b>	<b>20 feet</b>
<b>41 plus</b>	<b>30 feet</b>

*1. Determined from canopy dimensions as described in Sunset Western Garden Book (Current Edition)*

## **AMENDMENT TO SECTION 4907.8.2.**

**Sec. 4907.8.2 Orchards, groves or vineyards.** All orchards, groves and vineyards shall be kept in a healthy state and free of combustible debris and vegetation, including dead or downed trees. A 10-foot firebreak shall be cleared around the perimeter of any orchard, grove or vineyard. Dead grasses between rows of trees or vines shall be mowed.

## **AMENDMENT TO SECTION 4907.8.3.**

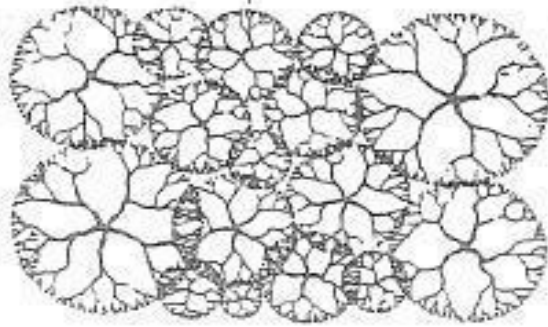
**Sec. 4907.8.3 Eucalyptus forests and oak woodlands.** All forests and woodlands shall be kept in a healthy state and maintained as described below. The forest or woodlands shall be free of all dead, dying, or diseased trees (excluding tree stumps no higher than six inches above the ground). Dead, dying, or diseased trees shall include insect infested trees, no longer living, in the last stages of growth or infected by a pathogen of any type. If combustible vegetation is located underneath a tree's drip line, the lowest branch shall be at least three times as high as the understory brush or grasses, or ten feet, whichever is greater. This will reduce the build-up of "ladder" fuels. Firewood shall be neatly stacked and shall have a minimum of 30 feet of clearance (no vegetation) around the entire firewood storage area. Debris and trimmings produced by the removal process shall be removed from the site, or if left, shall be converted into mulch by a chipping machine and evenly dispersed to maximum depth of six inches.

## **Sec. 4907.9 Home Ignition Zones:**

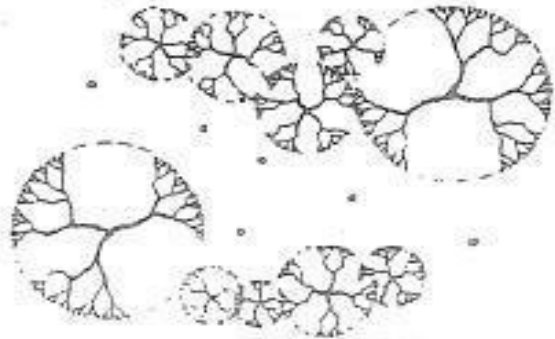
**4907.9.1 Zone 0 "Immediate Zone" 0-5'** Meaning from exterior wall surface or patio, deck or attachment to building or structure extending 5 feet on a horizontal plane. This zone shall be constructed of continuous hardscape or non-combustible materials. Removal of combustible materials surrounding the exterior wall area and maintaining area free and clear of combustible materials. The use of mulch and other combustible materials shall be prohibited.

**4907.9.2 Zone 1 "Intermediate Zone" from Zone 0 to 50'** means from the immediate edge of Zone 0 extending out in a horizontal plane. This zone shall consist of planting of low growth, drought tolerant and fire resistive plant species. The height of the plants in this zone starts at 6" adjacent to Zone 0 and extending in a linear fashion up to a maximum of 18" at intersection with Zone 2. Vegetation in this zone shall be irrigated and not exceed 6' in height and shall be moderate in nature as per Sec. 4907.6.4.1. Firewood inside this zone shall be piled minimum of 30' away from all buildings and structures. Cords of firewood shall also be maintained at least 10' from property lines and not stacked under tree canopies drip lines.

**4907.9.3 Zone 2 “Extended Zone” from Zone 1 to 100’** means from the immediate edge of Zone 1 extending out in a horizontal plane for 50’. This zone consists of planting of drought tolerant and fire resistive plant species of moderate height. Brush and plants shall be limbed up off the ground so the lowest branches are 1/3 height of bush/tree/plant or up to 6’ off the ground on mature trees. This area would be considered selective clearing of natural vegetation and dense chaparral by removing a minimum 50% of the square footage of this area.



**Before Thinning**



**After Thinning**

### Section 4907.9.3 Home Ignition Zones





## **SEC. 5607.16. EXPLOSIVES AND FIREWORKS-APPLICABILITY.**

Section 5607.16 is added to the California Fire Code to read:

**Sec. 5607.16.1 Applicability.** This section shall apply to the manufacture, possession, storage, sale, transportation and use of explosives and blasting agents and to any blasting operation in the unincorporated area of the County. The Sheriff is the Issuing Officer for purposes of this section. The Sheriff may delegate the duties of Issuing Officer at her or his discretion. Additionally, as may be appropriate based on circumstances, the Issuing Officer may enter into memoranda of agreement with non-County fire agencies whereby such non-County agency will assume the duties of issuing a permit or permits required by this Chapter. The Issuing Officer shall determine whether a blast is a major blast or a minor blast under this section. A minor blast is subject to all conditions of this section except the inspection requirements.

**Sec. 5607.16.2 Definitions.** The following terms are defined in section 202:

**BLASTER.**

**BLASTING AGENT.**

**BLASTING OPERATION.**

**BLASTING PERMIT.**

**BLAST SITE.**

**EXPLOSIVES PERMIT.**

**INSPECTOR.**

**MAJOR BLASTING.**

**MINOR BLASTING.**

**Sec. 5607.16.2.1 Application.** Application for a permit required by this section shall be in the form required by the Issuing Officer.

**Sec. 5607.16.3 Permit requirements.** No person shall conduct blasting in the unincorporated area of the County without an explosives permit issued under this chapter. A person applying for an explosives permit shall, in addition to demonstrating compliance with fire safety requirements also comply with all County requirements for any building permits, grading permits, use permits, encroachment permits and all other entitlements to use property, including zoning requirements and any determination under the Zoning Ordinance of non-conforming status. The applicant shall be responsible for providing proof of all necessary approvals when requested by the Issuing Officer.

## **AMENDMENT TO SECTION 5607.16.3.1**

**Sec. 5607.16.3.1 Blasting permit required.** In addition to obtaining an explosives permit, no person shall conduct blasting without first obtaining a blasting permit. The applicant shall be responsible for providing proof of all necessary approvals when requested by the Issuing Officer.

**Sec. 5607.16.3.2 Permit conditions.** The Issuing Officer may impose conditions and procedures as are deemed reasonably necessary to protect the public health and safety based upon the facts and circumstances of a particular blasting operation. The permit conditions shall be in writing. Failure to comply with any permit condition is grounds for revocation of the permit. A blaster may request the Issuing Officer release the blaster from any permit condition if circumstances have changed that make the condition no longer applicable. In addition to complying with the County blasting regulations, a blaster shall also comply with blasting regulations of neighboring jurisdictions, for any blasting operations outside of the unincorporated area of the County conducted in conjunction with a project within the unincorporated areas of the County.

**Sec. 5607.16.3.3 Insurance and indemnification required.** As an additional condition for obtaining an explosives permit the applicant shall submit: (1) a certificate of insurance evidencing that the blaster has obtained a general liability insurance policy which includes coverage for explosion, collapse and underground property damage from an insurer satisfactory to the Issuing Officer, that is in effect for the period covered by the permit, written on an "occurrence" basis, in an amount of not less than \$500,000 per each occurrence, naming the County and the FAHJ as an additional insured and providing that the policy will not be canceled or terminated without 30 days prior written notice to the County and (2) an agreement signed by the blaster agreeing to defend, indemnify and hold the County and its agents, officers and employees harmless from any claims or actions arising from the issuance of the permit or any blasting activity conducted under the permit.

**Sec. 5607.16.3.4 Blasting hours.** Blasting shall only be allowed Monday through Saturday, between the hours of 7:00 a.m. and 6:00 p.m. or ½ hour before sunset, whichever occurs first, unless special circumstances warrant another time or day and the Issuing Officer grants approval of the change in time or day.

**Sec. 5607.16.3.5 Additional operational requirements.** The owner of any property in the unincorporated area of the County on which any blasting is intended to occur, shall give, or cause to be given, a one-time notice in writing, for any proposed blasting to the local fire agency and dispatch center and to all residences, including mobile homes, and businesses within 600 feet of any potential major blast location or 300 feet from any potential minor blast location. The notice shall be given not less than 24 hours, but not more than one week, before a blasting operation and shall be in a form approved by the Issuing Officer. The minimum 24-hour notice requirement may be reduced to a

lesser period but not less than one hour if the Issuing Officer determines that special circumstances warrant the reduction in time. Adequate precautions shall be taken to reasonably safeguard persons and property before, during and after blasting operations. These precautions shall include:

1. The blaster shall retain an inspector to inspect all buildings and structures, including mobile homes, within 300 feet of the blast site before blasting operations, unless inspection is waived by the owner and/or occupant. The inspector shall obtain permission of the owner and/or occupant before conducting the inspection. The inspection shall be only for the purpose of determining the existence of any visible or reasonably recognizable preexisting defects or damages in any building and structure. Waiver of inspection shall be in writing signed by the owner and/or occupant. Refusal to allow inspection shall also constitute a waiver. The inspector shall notify the owner and/or occupant of the consequences of refusing an inspection shall include a refusal in the summary report filed with the Issuing Officer. The blaster shall request an inspector conduct post-blast inspections upon receipt of a written complaint of property damage if the complaint is made within 60 days of completion of blasting operations. If the blaster has knowledge of alleged property damage independent of the written complaint, the blaster shall also retain an inspector to conduct a post-blast inspection.
2. An inspector shall complete and sign pre-blast- inspection reports identifying all findings and inspection waivers. The blaster shall retain the inspection reports for three years from the date of the blasting and upon a complaint of alleged damage the blaster shall immediately file a copy of the report with the Issuing Officer and provide a copy to the complainant. If there is a change in the blasting contractor after blasting has commenced on a project, a re-inspection shall be conducted in accordance with the preceding paragraph before the new blasting contractor undertakes any additional blasting.
3. The blaster shall retain an inspector to conduct a post-blast- inspection of any building and structure for which a written complaint alleging blast damage has been received. A written report of the inspection shall be immediately filed with the Issuing Officer and provided to any person who made a complaint for damages.
4. The blaster shall allow any representative of the Issuing Officer to inspect the blast site and blast materials or explosives at any reasonable time.
5. If the blaster wants a representative of the Issuing Officer to witness a blasting operation the blaster shall make a request with the Issuing Officer at least 12 hours before the blast. The blaster shall confirm the request for a witness with the Issuing Officer at least one hour before the blast. The blaster shall be responsible for any cost incurred by the Issuing Officer in having a representative witness the blast.

6. The blaster shall notify the Issuing Officer on the day of a scheduled blasting operation not less than one hour before blasting.

7. All major blasting operations shall be monitored by an approved seismograph located at the nearest building and structure within 600 feet of the blasting operation. All daily seismograph reports shall be maintained by the blaster for three years from the blasting.

**Sec. 5607.16.3.6 Seizure of illegal items.** The Issuing Officer may seize at the owner's expense, all explosives, ammunition or blasting agents, which are illegally manufactured, sold, offered or exposed for sale, delivered, stored, possessed or transported in violation of this chapter.

**Sec. 5607.16.3.7 Violations for false or misleading information.** It shall be unlawful and a violation of this chapter for any person to provide false or misleading information or documentation to the County or any of its officers or employees or to any fire department, fire protection district, fire company or legally formed volunteer fire department, or its officers or employees in the unincorporated area of the County, having jurisdiction over any aspect of the explosives or blasting permit process or blasting operations.

**Sec. 5607.16.3.8 Fees.** A person applying to the Issuing Officer to be approved as a blaster or inspector, as defined in this section, shall pay an application fee to the Issuing Officer. A person applying for an explosives permit under this section shall pay the fee established by the Issuing Officer with the application. The amount of any fee required by this chapter shall be determined by the Issuing Officer on the basis of the full costs involved in processing an application.

## **SEC. 5608.1 FIREWORKS DISPLAY.**

Section 5608.1 of the California Fire Code is *revised* to read:

**Sec. 5608.1 General.** Outdoor fireworks displays, use of pyrotechnics before a proximate audience and pyrotechnic special effects in motion picture, television, theatrical and group entertainment productions shall comply with California Code of Regulations, Title 19, Chapter 6 *Fireworks and County Code sections 32.101 et seq.* *The Fire Warden is the Issuing Officer for any fireworks permit required by this Chapter. The Fire Warden may delegate the duties of Issuing Officer at her or his discretion. Additionally, as may be appropriate based on circumstances, the Issuing Officer may enter into memoranda of agreement with non-County fire agencies whereby such non-County agency will assume the duties of issuing a permit or permits required by this Chapter.*

**Sec. 5608.1.1 Scope.** *The possession, manufacture, sale, storage, use and display of fireworks are prohibited in the unincorporated area of the County except as provided in County Code sections 32.101 et seq.*

#### **SEC. 5705.2.4 TRANSFERRING CLASS I, II OR III LIQUIDS.**

Section 5705.2.4 of the California Fire Code is *revised* to read:

**Sec. 5705.2.4 Transferring Class I, II or III liquids.** *Class I or II liquids or Class III liquids that are heated up to or above their flash points shall be transferred by one of the following methods:*

1. From safety cans complying with UL 30.
2. Through an approved closed piping system.
3. From containers or tanks by an approved pump taking suction through an opening in the top of the container or tank.
4. Approved engineered liquid transfer system.

**Exception:** Liquids in containers not exceeding a 5.3-gallon (20 L) capacity.

#### **SEC. 5706.2.5.2 TANKS FOR GRAVITY DISCHARGE.**

Section 5706.2.5.2.1 is added to the California Fire Code to read:

**Sec. 5706.2.5.2.1 Limitations on tanks for gravity discharge.** Gravity dispensing of Class I or II liquids or Class III liquids that are heated up to or above their flash points is prohibited. Dispensing devices for flammable and combustible liquids shall be of an approved type. Approved pumps taking suction from the top of the tank shall be used. Flammable or combustible liquids shall not be dispensed by a device that operates through pressure within a storage tank. Air or oxygen shall not be used to pressurize an aboveground tank.

#### **SEC. 5706.2.8.2 PROHIBITION ON USE OF TANK VEHICLE.**

Section 5706.2.8.2 is added to the California Fire Code to read:

**Sec. 5706.2.8.2 Tank vehicle as a substitute for permanent tank prohibited.** The use of a tank vehicle in a stationary manner as a substitute for an approved above-ground or below-ground fuel tank is prohibited.

## **SEC. 6107.5 SAFETY PRECAUTIONS AND DEVICES-SECURING LPG TANKS.**

Section 6107.5 is added to the California Fire Code to read:

**Sec. 6107.5 Securing LPG tanks.** When required by the FAHJ, LPG tanks shall be secured to prevent the tank from rolling or moving.

## **SEC. 8001 REFERENCED STANDARDS.**

Section 8001 is added to the California Fire Code to read:

**Sec. 8001 Referenced standard NFPA 13D.** Referenced sections as follows:

*Revise 5.1.1.2 to read as follows:*

**NFPA 13D 5.1.1.2 Spare sprinkler heads.** Spare fire sprinkler heads (one of each type or as approved by the FAHJ) wrench, inspectors test key and operation and maintenance instructions shall be provided in the vicinity of the riser.

*Add a new 7.3.4 to read as follows:*

**NFPA 13D 7.3.4 Pressure gauge.** An approved 300 psi pressure gauge shall be permanently installed at the riser.

*Revise 7.6 to read as follows:*

**NFPA 13D 7.6 Alarms.** A water flow switch shall be provided and located on the sprinkler riser above the check valve and main drain and shall actuate an audible fire alarm signal bell and may be required to be interconnected to the interior smoke alarms. The water flow switch shall be a retarding type with a delay between 15-60 seconds before activation of the signal bell. Alarm bell shall have a minimum diameter of 8 inches and be mounted on the exterior in the vicinity of the master bedroom. The alarm bell shall be clearly audible in all bedrooms with intervening doors closed.

*Revise 8.3.2 to read as follows:*

**NFPA 13D 8.3.2** Sprinklers are not required in bathrooms where the area does not exceed 55 sq. ft. unless there is door exiting directly to the outside, and the walls and ceilings including behind fixtures, are of noncombustible or limited combustible materials providing a fifteen-minute thermal barrier.

*Revise 8.3.4 to read as follows:*

**NFPA 13D 8.3.4** Sprinklers may be omitted from carports and open attached porches. However, attached garages shall be protected with intermediate temperature rated sprinklers. Sprinkler heads in garages shall be protected against mechanical damage by approved guards, unless recessed heads are provided. Garage doors may be disregarded in the layout of the automatic sprinkler system.

*Revise 8.3.5.1.1 to read as follows:*

**NFPA 13D 8.3.5.1.1** Where the fuel-fired equipment is above all of the occupied areas of the dwelling unit, at least one quick-response intermediate temperature sprinkler shall be installed above the equipment.

*Add a new 10.2.4.1 to read as follows:*

**NFPA 13D 10.2.4.1 3-Head Calculation.** When design conditions exceed the allowances of sec. 10.2, a 3-head calculation may be required by the FAHJ.

*Add a new 10.2.5 to read as follows:*

**NFPA 13D 10.2.5 Pressure Cushion.** The system shall be designed 10% below available water source pressure during peak usage.

*Revise 11.2.1.1 to read as follows:*

**NFPA 13D 11.2.1.1 Hydrostatic Tests.** Where a fire department connection is not provided, the system shall be hydrostatically tested at 200 psi for 2 hours.

*Revised 12.3.6 to read as follows:*

**NFPA 13D 12.3.6 Inactive Systems.** When automatic sprinkler systems are shut-off or otherwise inoperative for periods greater than 48 hours for repair of service, the FAHJ must be notified immediately.

## **SEC. APP.B103.3 AREAS WITHOUT WATER SUPPLY SYSTEMS.**

Appendix B, section B103.3 of the California Fire Code is *revised* to read:

**B103.3 Areas without water supply systems.** For information regarding water supplies for fire-fighting purposes in rural areas and suburban areas in which adequate and reliable water supplies do not exist, the fire code official is authorized to utilize NFPA 1142 or the

standard published by the Insurance Services Office document entitled "Guide for Determination of Required Fire Flow."

## **SEC. APP.H100 REPORTING FORMS**

Appendix H, sec. H100 is added to the California Fire Code to read:

### **SECTION H100 REPORTING FORMS**

**H100.1 Reporting forms.** Hazardous Materials reporting forms currently adopted by San Diego County Department of Environmental Health Hazardous Materials Management Unit which cover the same areas as forms contained in this Appendix are adopted by reference and take precedence over this Appendix.

#### **Section 4 GEOGRPAHIC LIMITS**

The geographic limits referred to in certain sections of the 2022 California Fire Code are established as follows:

**(a) Sec. 5704.2.9.6.1** The geographic limits in which the storage of Class I and Class II liquids in above-ground tanks outside of buildings is prohibited: the unincorporated area of the County of San Diego.

#### **Exceptions:**

1. In areas zoned for mixed, general or high impact industrial uses.
2. Crankcase draining may be stored in specially constructed above-ground storage tanks, approved by the fire code official, with a maximum capacity of 550 gallons. These tanks may be located within a building when the fire code official deems appropriate and the container meets U.L. Standard 2085. Containers shall be installed and used in accordance with their listing and provisions shall be made for leak and spill containment. In no case shall storage be allowed on residential or institutional property.
3. With the fire code official's approval, Class I and II liquids may be stored above ground outside of buildings in specially designed, approved and listed containers which have features incorporated into their design which mitigate concerns for exposure to heat, ignition sources and mechanical damage. Containers shall be installed and used in accordance with their listing, and provisions shall be made for leak and spill containment. The fire code official may disapprove the installation of these containers when in his or her opinion their use presents a risk to life or property.



**(b) Sec. 5706.2.4.4** The geographic limits in which the storage of Class I and Class II liquids in above-ground tanks is prohibited: the unincorporated area of the County of San Diego.

**Exceptions:**

1. In areas zoned for other than residential uses, when approved by the FAHJ.
2. Crankcase draining may be stored in specially constructed above-ground storage tanks, approved by the fire code official, with a maximum capacity of 550 gallons. These tanks may be located within a building when the fire code official deems appropriate and the container meets U.L. Standard 2085. Containers shall be installed and used in accordance with their listing, and provisions shall be made for leak and spill containment. In no case shall storage be allowed in residential or institutional property.
3. With the fire code official's approval, Class I and II liquids may be stored above ground in specially designed, approved and listed containers which meet U.L. Standard 2085. Containers shall be installed and used in accordance with their listing, and provisions shall be made for leak and spill containment. The fire code official may disapprove the installation of such containers when in his/her opinion their use presents a risk to life or property.

**(c) Sec. 5806.2** The geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited: the unincorporated area of the County of San Diego, except for areas zoned for mixed, general or high impact industrial uses.

**(d) Sec. 6104.2** The geographic limits in which the bulk storage of liquefied petroleum gas is prohibited for the protection of heavily populated and congested areas: the unincorporated area of the County of San Diego, except for areas zoned for mixed, general or high impact industrial uses.

**Exception:** Bulk tanks with a maximum aggregate capacity of 30,000 gallons water capacity for above-ground storage of underground distribution to residential areas, where the storage and distribution meets County Fire Code requirements as determined by the FAHJ.

**Section 5 EFFECTIVE DATE**

That this ordinance and the rules, regulations, provisions, requirements, orders, and matters established and adopted hereby shall take effect and be in full force and effect 30 days from and after the date of its final passage and adoption and before the expiration of fifteen days after its passage.

That the Clerk of the Board of Directors is hereby ordered and directed to cause this ordinance to be published. First read at a regular meeting of the Board of Directors of the Vista Fire Protection District, held on **September 14, 2022** and finally adopted and ordered published in the manner required by law at the hearing and meeting on the (TO BE DETERMINED) by the following roll call vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

By:

By:

\_\_\_\_\_  
 Ned, Vander Pol  
 Fire Chief

\_\_\_\_\_  
 Robert Fougner  
 President, Board of Directors

Date:

Date:

\_\_\_\_\_  
 Attest:

\_\_\_\_\_  
 Karlana Rannals  
 Board Clerk

Approved as to Form  
 White & Bright, LLP

\_\_\_\_\_  
 Fred Pfister, District Counsel

## INDEX BY CODE SECTION CONSOLIDATED FIRE CODE

Differences:

1. Showed the language and text that is different from the California Fire Code and the County Code as shown in *Italics*.
2. Changed punctuation or a grammatical change.
3. Words were deleted or sections deleted. County amendments were not necessary as section was adopted in model code language.
4. Revised or referenced texts. Changes from the previous code that have been revised.
5. NO CHANGE (NC) means no changes made. Language is the same.
6. NEW – Means new image or section provided for clarity.

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
Sec. 1.001	Sec 1.001	Application of the CCC	NC			4
Sec. 1.002	Sec 1.002	Explanation of the CCC	NC			4
Sec. 96.1.001	Sec. 96.1.001	Adoption of County Amendments to the CFC	NC	Section 2	Section 2	4
		Amendment to Section 96.1.001	NC	Section 1	Section 1	5
Sec. 96.1.002	Sec. 96.1.002	Explanation of CFC to 2022 Fire Code	NC			4
Sec. 96.1.003	Sec. 96.1.003	Explanation of County Fire Code adding 96.1	NC			4
Sec. 96.1.004	Sec. 96.1.004	Responsibility for Enforcement	NC			5
Sec. 96.1.005	Sec. 96.1.005	Geographic Limits	NC			5
		Storage of Class I and Class II liquids in above ground tanks outside of buildings	A	Sec. 5704.2.9.6.1	Sec. 5704.2.9.6.1	5
		Storage of Class I and Class II liquids in above ground tanks	A	Sec. 5706.2.4.4	Sec. 5706.2.4.4	5
		Storage of flammable cryogenic fluids in stationary containers	A	Sec. 5806.2	Sec. 5806.2	5
		Storage of bulk LPG for protection in heavily	A	Sec. 6104.2	Sec. 6104.2	5

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		populated and congested areas				
Sec. 96.1.006	Sec. 96.1.006	Deletions, Revisions, Additions and Numerical	NC			5
Sec. 96.1.101.5	Sec. 96.1.101.5	Validity	NC	Sec. 101.5	Sec. 101.5	5
Sec. 96.1.102.13	Sec. 96.1.102.13	Repeal of Conflicting Ordinances, Resolutions or Motions	A	Sec. 102.13	Sec. 102.13	5
Sec. 96.1.104.8	Sec. 96.1.104.9	Modifications	R	Sec. 104.8	Sec. 104.9	4
Sec. 96.1.104.12	Sec. 96.1.104.13	Cost Recovery	A	Sec. 104.12	Sec. 104.13	4
Sec. 96.1.104.12.1	Sec. 96.1.104.13.1	Reimbursement Required	A	Sec. 104.12.1	Sec. 104.13.1	4
Sec. 96.1.105.3.9	Sec. 96.1.105.3.9	Expense Recovery	A	Sec. 105.3.9	Sec. 105.3.9	5
Sec. 96.1.105.6.6.1	Sec. 96.1.105.5.52.1	Christmas Tree Lots	A	Sec. 105.6.6.52	Sec. 105.5.52.1	4
Sec. 96.1.105.6.20.1	Sec. 96.1.105.5.52.2	Green waste Recycling, Mulching, Composting & Storage	A	Sec. 105.6.20.1	Sec. 105.5.52.2	4
Sec. 96.1.105.8	Sec. 96.1.105.7	New materials, Process or Occupancies Require Permits	A	Sec. 105.8	Sec. 105.7	1, 4
Sec. 96.1.109	Sec. 96.1.111	Appeals	R	Sec. 109	Sec. 111	4
		Regional Fire Appeals Board established	R	Sec. 109.1	Sec. 111.1	4
		Limitations on authority	R	Sec. 109.2	Sec. 111.2	4
		Qualifications	R	Sec. 109.3	Sec. 111.3	4
		Appeals Procedures	R	Sec. 109.4	Sec. 111.4	4
		Appeals of determinations regarding building permits	R	Sec. 109.4.1	Sec. 111.4.1	4
		Appeals of determinations regarding discretionary permits	R	Sec. 109.4.2	Sec. 111.4.2	4
		Appeals of determinations for	R	Sec. 109.4.3	Sec. 111.4.3	4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		matters other than building permits or discretionary permits				
		Regional Fire Appeals Board	R	Sec. 109.5	Sec. 111.5	
Sec. 96.1.110.4	Sec. 96.1.112.4	Violations, Penalties and Responsibilities for Compliance	R	Sec. 110.4	Sec. 112.4	4
		Amendment to Section 112.4 Violations, penalties and responsibility for compliance	AMEND	Sec. 110.4	Sec. 112.4	4
		Amendment to Section 113.4 Failure to Comply	AMEND	Sec. 112.4	Sec. 113.4	4
Sec. 96.1.202	Sec. 96.1.202	Definitions	R	Sec. 202	Sec. 202	1, 2, 4
Sec. 96.1.304.1.4	Sec. 96.1.304.1.4	Outdoor Carnivals and Fairs	A	Sec. 304.1.4	Sec. 304.1.4	5
Sec. 96.1.305.6	Sec. 96.1.305.6	Rockets, Model aircraft and similar	A	Sec. 305.6	Sec. 305.6	5
	Sec. 96.1.307.4.3	Portable Outdoor Fireplaces	R		Sec. 307.4.3	1, 4
Sec. 96.1.307.5	Sec. 96.1.307.5	Attendance of Open Burning and Recreational Fires	R	Sec. 307.5	Sec. 307.5	1, 4
Sec. 96.1.321	Sec. 96.1.325	Mid-Rise Buildings	A	Sec. 321	Sec. 325	1, 4
		Mid-Rise: <b>General</b>	A	Sec. 321.1	Sec. 325.1	4
		Mid-Rise: <b>Automatic Sprinkler System &amp; Standpipes</b>	A	Sec. 321.1.1	Sec. 325.1.1	4
		Mid-Rise: <b>Smoke Detection</b>	A	Sec. 321.1.2	Sec. 325.1.2	4
		Mid-Rise: <b>Fire Alarm</b>	A	Sec. 321.1.3	Sec. 325.1.3	4
		Mid-Rise: <b>Emergency Voice Alarm Signaling System</b>	A	Sec. 321.1.4	Sec. 325.1.4	4
		Mid-Rise: <b>Fire Command Center</b>	A	Sec. 321.1.5	Sec. 325.1.5	4
		Mid-Rise: <b>Annunciation Identification</b>	A	Sec. 321.1.6	Sec. 325.1.6	4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Mid-Rise: <b>Elevators</b>	A	Sec. 321.1.7	Sec. 325.1.7	4
		Mid-Rise: <b>Fire Department Communication System</b>	A	Sec. 321.1.8	Sec. 325.1.8	4
		Mid-Rise: <b>Means of Egress</b>	A	Sec. 321.1.9	Sec. 325.1.9	4
		Mid-Rise: <b>Extent of Enclosure</b>	A	Sec. 321.1.9.1	Sec. 325.1.9.1	4
		Mid-Rise: <b>Pressurized Enclosures and Stairways</b>	A	Sec. 321.1.9.2	Sec. 325.1.9.2	4
		Mid-Rise: <b>Vestibules</b>	A	Sec. 321.1.9.3	Sec. 325.1.9.3	4
		Mid-Rise: <b>Pressure Differences</b>	A	Sec. 321.1.9.4	Sec. 325.1.9.4	4
		Mid-Rise: <b>Locking of Stairway Doors</b>	A	Sec. 321.1.9.5	Sec. 325.1.9.5	4
Sec. 96.1.322	Sec. 96.1.326	Storage of Firewood	A	Sec. 322	Sec. 326	4
Sec. 96.1.501.3.1	Sec. 96.1.501.3.1	Fire Apparatus Access Modifications	A	Sec. 501.3.1	Sec. 501.3.2	4
Sec. 96.1.503	Sec. 96.1.503	Fire Apparatus Access Roads	R	Sec. 503	Sec. 503	5
		Fire Apparatus Access Roads: <b>General</b>	R	Sec. 503.1	Sec. 503.1	1, 3
		Fire Apparatus Access Roads: <b>Buildings and Facilities</b>	R	Sec. 503.1.1	Sec. 503.1.1	1, 2, 3, 4
		Fire Apparatus Access Roads: <b>Additional Access</b>	R	Sec. 503.1.2	Sec. 503.1.2	1, 2, 3, 4
		Fire Apparatus Access Roads: <b>Secondary Access Required</b>	N		Sec. 503.1.2.1	1, 4, 6
		Fire Apparatus Access Roads: <b>High Piled Storage</b>	R	Sec. 503.1.3	Sec. 503.1.3	4
		Fire Apparatus Access Roads: <b>Specifications</b>	R	Sec. 503.2	Sec. 503.2	1, 4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Fire Apparatus Access Roads: <b>Dimensions</b>	R	Sec. 503.2.1	Sec. 503.2.1	1, 2, 3, 4
		Fire Apparatus Access Roads: <b>Amendment to Road Phasing</b>	AMEND	Sec. 503.2.1.1	Sec. 503.2.1	1, 2, 3, 4
		Fire Apparatus Access Roads: <b>Authority to Increase Minimum</b>	R	Sec. 503.2.2	Sec. 503.2.2	5
		Fire Apparatus Access Roads: <b>Surface</b>	R	Sec. 503.2.3	Sec. 503.2.3	1
		Fire Apparatus Access Roads: <b>Amendment to Surface</b>	R	Sec. 503.2.3	Sec. 503.2.3	4
		Fire Apparatus Access Roads: <b>Roadway Radius</b>	R	Sec. 503.2.4	Sec. 503.2.4	1
		Fire Apparatus Access Roads: <b>Dead Ends</b>	R	Sec. 503.2.5	Sec. 503.2.5	1, 4, 6
		Fire Apparatus Access Roads: <b>Dead End Roads turn-around required</b>	R	Sec. 503.2.5.1	Sec. 503.2.5.1	1
		Fire Apparatus Access Roads: <b>Dead End Roads</b>	R		Sec. 503.2.5.2	4
		Fire Apparatus Access Roads: <b>Bridges and Elevated Surfaces</b>	R	Sec. 503.2.6	Sec. 503.2.6	1
		Fire Apparatus Access Roads: <b>Bridges with 1 traffic lane</b>	R	Sec. 503.2.6.1	Sec. 503.2.6.1	1
		Fire Apparatus Access Roads: <b>Grade</b>	R	Sec. 503.2.7	Sec. 503.2.7	1
		Fire Apparatus Access Roads: <b>Cross Slope</b>	R	Sec. 503.2.7.1	Sec. 503.2.7.1	1, 4
		Fire Apparatus Access Roads: <b>Angles of</b>	R	Sec. 503.2.8	Sec. 503.2.8	1, 4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		<b>Approach and Departure</b>				
		Fire Apparatus Access Roads: <b>Roadway Turn Outs</b>	R	Sec. 503.2.9	Sec. 503.2.9	1, 4
		Fire Apparatus Access Roads: <b>Marking</b>	R	Sec. 503.3	Sec. 503.3	1, 4
		Fire Apparatus Access Roads: <b>Fire Lane Designation</b>	R	Sec. 503.3.1	Sec. 503.3.1	1, 4
		Fire Apparatus Access Roads: <b>Obstruction of Fire Apparatus Roads</b>	R	Sec. 503.4	Sec. 503.4	1, 4
		Fire Apparatus Access Roads: <b>Traffic Calming Devices</b>	R	Sec. 503.4.1	Sec. 503.4.1	1, 4
		Fire Apparatus Access Roads: <b>Required Gates or Barricades</b>	R	Sec. 503.5	Sec. 503.5	5
		Fire Apparatus Access Roads: <b>Secured Gates and Barricades</b>	R	Sec. 503.5.1	Sec. 503.5.1	1, 4
		Fire Apparatus Access Roads: <b>School Fences and Gates</b>	R	Sec. 503.5.2	Sec. 503.5.2	1
		Fire Apparatus Access Roads: <b>Security Gates</b>	R	Sec. 503.6	Sec. 503.6	1
Sec. 96.1.505	Sec. 96.1.505	Premises Identification	R	Sec. 505	Sec. 505	5
		Address Identification	R	Sec. 505.1	Sec. 505.1	5
		Street or Road Signs	R	Sec. 505.2	Sec. 505.2	5
		Traffic Access Limitations	R	Sec. 505.2.1	Sec. 505.2.1	1
		Easement Address Signs	R	Sec. 505.3	Sec. 505.3	1
		Directory Map	R	Sec. 505.4	Sec. 505.4	1
		Response Map Updates	R	Sec. 505.5	Sec. 505.5	1



County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
Sec. 96.1.506.1.3	Sec. 96.1.506.1.3	Emergency Key Access	A	Sec. 506.1.3	Sec. 506.1.3	1, 3
Sec. 96.1.507.2	Sec. 96.1.507.2	Type of Water Supply	R	Sec. 507.2	Sec. 507.2	1, 4
		Private Fire Service Mains	R	Sec. 507.2.1	Sec. 507.2.1	1, 2
		Water Storage Tanks	R	Sec. 507.2.2	Sec. 507.2.2	1, 2, 4
Sec. 96.1.507.3	Sec. 96.1.507.3	Fire Flow	R	Sec. 507.3	Sec. 507.3	1, 4
Sec. 96.1.507.5.7	Sec. 96.1.507.5.7	Fire Hydrant and Fire Valve Location	A	Sec. 507.5.7	Sec. 507.5.7	1, 4
		Signing of Water Sources and Fire Department Connections	A	Sec. 507.5.7.1	Sec. 507.5.7.1	1
Sec. 96.1.507.5.8	Sec. 96.1.507.5.8	Waterline Extensions	A	Sec. 507.5.8	Sec. 507.5.8	4
Sec. 96.1.603.6.6	Sec. 96.1.605.3.1	Spark Arresters	A	Sec. 603.6.6	Sec. 605.3.1	4
Sec. 96.1.603.8.1	Sec. 96.1.605.8.1	Residential Incinerators	R	Sec. 603.8.1	Sec. 605.8.1	4
		Smoke Ventilation (Remove from CCC & Ord now in model code)	D	Sec. 1204.3.3		3
Sec. 96.1.1204.4	Sec. 96.1.1205.5	Ground Mounted Photovoltaic Arrays	R	Sec. 1204.4	Sec. 1205.5	4
		Fire Apparatus Access Roads	R	Sec. 1204.4.1	Sec. 1205.5.1	4
		Perimeter Fire Apparatus Access Roadway	R	Sec. 1204.4.2	Sec. 1205.5.2	4
		Fuel Modification	R	Sec. 1204.4.3	Sec. 1205.5.3	4
		Water Supply	R	Sec. 1204.4.4	Sec. 1205.5.4	4
		Identification	R	Sec. 1204.5	Sec. 1205.6	4
		Fire Department Connections	D	Now part of model code		3
		Fire Hydrants and Fire Appliances	D	Now part of model code		3
Sec. 96.1.903.2	Sec. 96.1.903.2	Automatic Sprinkler Systems Where Required	R	Sec. 903.2	Sec. 903.2	1, 4
		Additions	A	Sec. 903.2(a)	Sec. 903.2(a)	1, 4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Remodels or Reconstruction	<b>A</b>	Sec. 903.2(b)	Sec. 903.2(b)	1, 4
		Group U Occupancies	<b>A</b>	Sec. 903.2(c)	Sec. 903.2(c)	4
		Amendment to Section 903.2(c) Where Required RSF	<b>AMEND</b>	Sec. 903.2	Sec. 903.2(c)	1, 4
		Amendment to Section 903.2 San Marcos	<b>D</b>	Sec. 903.2	<del>Sec. 903.2</del>	3
Sec. 96.1.903.4	Sec. 96.1.903.4	Sprinkler System Monitoring and Alarms	<b>R</b>	Sec. 903.4	Sec. 903.4	1
Sec. 96.1.2808	Sec. 96.1.2808	Storage and Processing of Wood Chips, Hoggged Materials, Fines, Compost, Solid Biomass Feedstock and Raw Product associated with Yard Waste, Agro- Industrial and Recycling Facilities	<b>R</b>	Sec. 2808	Sec. 2808	4
General	Sec. 2808.1	General	<b>D</b>	Sec. 2808.1	Sec. 2808.1	3
Storage Site	Sec. 2808.11	Definitions	<b>D</b>	Sec. 2808.2	IN CH 2 DEFINITIONS	3
Size of Piles	Sec. 105.6.25.1, 2808.14	Permit Required	<b>D</b>	Sec. 2808.3	Sec. 2808.10.1	3
Pile Separation	Sec. 2808.13	Financial Assurance	<b>D</b>	Sec. 2808.4	Sec. 2808.10.2	3
Combustible Waste	Sec. 2808.12	Operational & Emergency Plan	<b>D</b>	Sec. 2808.5	Sec. 2808.10	3
Static Pile	Sec. 2808.15	Notification of Fire Department	<b>D</b>	Sec. 2808.6	Sec. 2808.10.3	3
Pile Fire Protection	Sec. 903.3.1(CFC)	Equipment Operator Emergency Call	<b>D</b>	Sec. 2808.7	Sec. 2808.10.4	3
Fire Extinguishers	Sec. 906 (CFC)	Incoming Waste Diversion Plan	<b>D</b>	Sec. 2808.8	Sec. 2808.10.5	3
Material Handling Equipment	Sec. 2808.17	Unprocessed or Non-Green Waste	<b>D</b>	Sec. 2808.9	Sec. 2808.10.6	3
Emergency Plan	Sec. 2808.3	Fire Access Roadway	<b>D</b>	Sec. 2808.10	Sec. 2808.10.7	3
	Sec. 2808.5	Storage Sites	<b>D</b>	Sec. 2808.11	Sec. 2808.2	3

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
	Sec. 2808.6	Combustible Vegetation	<b>D</b>	Sec. 2808.12	Sec. 2808.5	3
	Sec. 2808.7	Pile Separation	<b>D</b>	Sec. 2808.13	Sec. 2808.4	3
	Sec. 2808.8	Size of Piles	<b>D</b>	Sec. 2808.14	Sec. 2808.3	3
	Sec. 2808.9	Static Pile Protection	<b>D</b>	Sec. 2808.15	Sec. 2808.6	3
	Sec. 2808.10	Fire Fighting Water Supplies	<b>D</b>	Sec. 2808.16	Sec. 2808.7	3
	Sec. 2808.4	Public Water Supply	<b>D</b>	Sec. 2808.16.1	Sec. 2808.7.1	3
	Sec. 2808.16	Private Water Supply	<b>D</b>	Sec. 2808.16.2	Sec. 2808.7.2	3
		Fire Extinguishers	<b>D</b>		Sec. 2808.8	3
	Sec. 2808.18	Material Handling Equipment	<b>D</b>	Sec. 2808.17	Sec. 2808.9	3
	Sec. 2808.19	General Fire Safety Rules	<b>D</b>	Sec. 2808.18	Sec. 2808.10.8	3
	Sec. 2808.20	Site Security	<b>D</b>	Sec. 2808.19	Sec. 2808.10.9	3
		Smoking Prohibited & Open Burning	<b>D</b>	Sec. 2808.20	Sec. 2808.10.10	3
		General	<b>R</b>	Sec. 2808.1	Sec. 2808.1	1, 4, 6
		Storage Sites	<b>R</b>	Sec. 2808.11	Sec. 2808.2	1, 4, 6
		Size of Piles	<b>R</b>	Sec. 2808.14	Sec. 2808.3	1, 4, 6
		Pile Separation	<b>R</b>	Sec. 2808.13	Sec. 2808.4	1, 4, 6
		Combustible Vegetation	<b>R</b>	Sec. 2808.12	Sec. 2808.5	1, 4, 6
		Static Pile Protection	<b>R</b>	Sec. 2808.15	Sec. 2808.6	1, 4, 6
		Fire Fighting Water Supplies	<b>R</b>	Sec. 2808.16	Sec. 2808.7	1, 4, 6
		Public Water Supply	<b>R</b>	Sec. 2808.16.1	Sec. 2808.7.1	1, 4, 6
		Private Water Supply	<b>R</b>	Sec. 2808.16.2	Sec. 2808.7.2	1, 4, 6
		Fire Extinguishers	<b>R</b>		Sec. 2808.8	1, 4, 6
		Material Handling Equipment	<b>R</b>	Sec. 2808.17	Sec. 2808.9	1, 4, 6
		Operational & Emergency Plan	<b>R</b>	Sec. 2808.5	Sec. 2808.10	1, 4, 6
		Permit Required	<b>R</b>	Sec. 2808.3	Sec. 2808.10.1	1, 4, 6

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Financial Assurance	R	Sec. 2808.4	Sec. 2808.10.2	1, 4, 6
		Notification of Fire Department	R	Sec. 2808.6	Sec. 2808.10.3	1, 4, 6
		Equipment Operator Emergency Call	R	Sec. 2808.7	Sec. 2808.10.4	1, 4, 6
		Incoming Waste Diversion Plan	R	Sec. 2808.8	Sec. 2808.10.5	1, 4, 6
		Unprocessed or Non-Green Waste	R	Sec. 2808.9	Sec. 2808.10.6	1, 4, 6
		Fire Access Roadway	R	Sec. 2808.10	Sec. 2808.10.7	1, 4, 6
		General Fire Safety Rules	R	Sec. 2808.18	Sec. 2808.10.8	1, 4, 6
		Site Security	R	Sec. 2808.19	Sec. 2808.10.9	1, 4, 6
		Smoking Prohibited & Open Burning	R	Sec. 2808.20	Sec. 2808.10.10	1, 4, 6
		Definitions	R	Sec. 2808.2	IN CH 2 DEFENITIONS	1, 4, 6
Sec. 3206.2	Sec. 96.1.3206.2	General Fire Protection and Life Safety Features	D	Sec. 3206.2	<del>Sec. 3206.2</del>	3
Sec. 96.1.3318	Sec. 96.1.3319	Fuel Modification Zone Requirements	A	Sec. 3318	Sec. 3319	4
	Sec. 96.1.4901	<b>General 4901</b>	R		Sec. 4901	4
		Scope	R		Sec. 4901.1	4
		Purpose	R		Sec. 4901.2	4
	Sec. 96.1.4902	<b>Definitions 4902</b>	R		Sec. 4902	4
Sec. 96.1.4902		Definitions: <b>General</b>	R	Sec. 4902.1	Sec. 4902.1	4
		Declaration	R	Sec. 4902.2	Sec. 4904.3.1	4
Sec. 96.1.4903		Fire Protection Plan	R	Sec. 4903	Sec. 4903	4
	Sec. 96.1.4903	<b>Plans 4903</b>	R		Sec. 4903	1, 4
		Plans: <b>General</b>	N		Sec. 4903.1	6
		Plans: <b>When Required</b>	R		Sec. 4903.1.1	1, 4
		Plans: <b>Contents</b>	N		Sec. 4903.2	1, 4
		Plans: <b>Project Info</b>	N		Sec. 4903.2.1	1, 4
		Plans: <b>Preliminary Fire Protection Plan</b>	N		Sec. 4903.2.1.1	1, 4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Plans: <b>Final Fire Protection Plan</b>	N		Sec. 4903.2.1.2	1, 4
	Sec. 96.1.4904	<b>Fire Hazard Severity Zones 4904</b>	R			1, 4
		Fire Hazard Severity Zones: <b>General</b>	R		Sec. 4904.1	1, 4
		Fire Hazard Severity Zones: <b>Classifications</b>	R		Sec. 4904.2	1, 4
		Fire Hazard Severity Zones: <b>Amendment to Classifications</b>	AMEND		Sec. 4904.2.1	1, 4
		Fire Hazard Severity Zones: <b>Local Agency Requirements</b>	N		Sec. 4904.3	1, 4
		Fire Hazard Severity Zones: <b>Local Agency Ordinances</b>	N		Sec. 4904.3.1	1, 4
		Fire Hazard Severity Zones: <b>Local Agency Discretion</b>	N		Sec. 4904.3.2	1, 4
	Sec. 96.1.4905	<b>Wildfire Protection Building Construction 4905</b>	NC		Sec 4905	5
Sec.96.1.4905		Wildfire Protection Building Construction: <b>General</b>	NC	Sec. 4905.1	Sec. 4905.1	5
Sec. 96.1.4905		Wildfire Protection Building Construction: <b>Construction methods</b>	NC	Sec. 4905.1	Sec. 4905.2	5
		Wildfire Protection Building Construction: <b>Establishment of Limits</b>	NC		Sec. 4905.3	5
	Sec.96.1.4906	<b>Vegetation Management 4906</b>	AMEND		Sec. 4906	1, 4
		Vegetation Management: <b>General</b>	AMEND		Sec. 4906.1	1, 4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Vegetation Management: <b>Application</b>	AMEND		Sec. 4906.2	1, 4
		Vegetation Management: <b>Landscape Plans When Required</b>	AMEND		Sec. 4906.3	1, 4
		Vegetation Management: <b>Landscape Plans</b>	AMEND		Sec. 4906.3	1, 4
		Vegetation Management: <b>Contents</b>	AMEND		Sec. 4906.3.1	1, 4
		Vegetation Management: <b>Vegetation</b>	AMEND		Sec. 4906.4	1, 4
		Vegetation Management: <b>Shrubs</b>	AMEND		Sec. 4906.4.1	1, 4
		Vegetation Management: <b>Trees</b>	AMEND		Sec. 4906.4.2	1, 4
		Vegetation Management: <b>Non-Fire Resistant</b>	AMEND		Sec. 4906.4.2.1	1, 4
Sec. 96.1.4907	Sec. 96.1.4907	<b>Defensible Space 4907</b>		Sec. 4907	Sec. 4907	1, 4, 6
		Defensible Space: <b>General</b>	R		Sec. 4907.1	1, 4, 6
		Defensible Space: <b>Application</b>	N		Sec. 4907.2	1, 4, 6
		Defensible Space: <b>Requirements</b>	N		Sec. 4907.3	1, 4, 6
		Defensible Space: <b>Building and Structure setbacks from property line</b>	R	Sec. 4907.1	Sec. 4907.4	1, 4, 6
		Defensible Space: <b>General Fire Setbacks</b>	R	Sec. 4907.1.1	Sec. 4907.4.1	1, 4
		Defensible Space: <b>Fire Setbacks adjacent protected areas</b>	R	Sec. 4907.1.2	Sec. 4907.4.2	1, 4
		Defensible Space: <b>Building and Structure Setback from Slope</b>	R	Sec. 4907.1.3	Sec. 4907.4.3	5

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Defensible Space: <b>Amendment to Building and Structure Setback from Slope</b>	AMEND		Sec. 4907.4.3	1, 4, 6
		Defensible Space: <b>Fuel Modification</b>	R	Sec. 4907.2	Sec. 4907.5	1, 4, 6
		Defensible Space: <b>Amendment to Fuel Modification San Marcos</b>	AMEND		Sec. 4907.5	1, 4, 6
		Defensible Space: <b>Fuel Modification of Combustible Vegetation from Sides of Roadways</b>	R	Sec. 4907.2.1	Sec. 4907.6	1, 4, 6
		Defensible Space: <b>Community Fuel Modification</b>	R	Sec. 4907.2.2	Sec. 4907.7	4
		Defensible Space: <b>Land ownership</b>	R	Sec. 4907.2.2.1	Sec. 4907.7.1	4
		Defensible Space: <b>Maintenance of Defensible Space</b>	R	Sec. 4907.3	Sec. 4907.8	4
		Defensible Space: <b>Trees</b>	R	Sec. 4907.3.1	Sec. 4907.8.1	4
		Defensible Space: <b>Amendment to Orchards, Groves and Vineyards</b>	AMEND	Sec. 4907.3.2	Sec. 4907.8.2	4
		Defensible Space: <b>Amendment to Eucalyptus forest and oak woodlands</b>	AMEND	Sec. 4907.3.3	Sec. 4907.8.3	4
		Defensible Space: <b>Home Ignition Zones</b>	R	Sec. 4907.4	Sec. 4907.9	4
		Defensible Space: <b>Zone 0 - Immediate Zone 0'-5'</b>	AMEND		Sec. 4907.9.1	4
		Defensible Space: <b>Zone 1 - Intermediate Zone 5'-50'</b>	AMEND		Sec. 4907.9.2	4
		Defensible Space: <b>Zone 2 - Extended Zone 50'-100'</b>	AMEND		Sec. 4907.9.3	4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		Defensible Space: Amendment to <b>Landscape Plans (RSF)</b>	AMEND	Sec. 4907.5	Sec. 4907.10	4
		Defensible Space: Amendment to <b>Landscaping Requirements (RSF)</b>	D		Sec. 4907.10.1	3
		Defensible Space: Amendment to <b>Landscaping Installation (RSF)</b>	D		Sec. 4907.10.2	3
	Sec. 96.1.4908	<b>Fire Safe Development Regulations 4908</b>	N		Sec. 4908	4
		Fire Safe Development Regulations: <b>General</b>	N		Sec. 4908.1	4
		Fire Safe Development Regulations: <b>Subdivision Map Findings</b>	N		Sec. 4908.2	4
	Sec. 96.1.4909	<b>Subdivision Review Survey 4909</b>	N		Sec. 4909	4
		Subdivision Review Survey: <b>Subdivision Identification</b>	N		Sec. 4909.1	4
		Subdivision Review Survey: <b>Fire Safety Recommendations</b>	N		Sec. 4909.2	4
		Subdivision Review Survey: <b>Implementation</b>	N		Sec. 4909.3	4
		Subdivision Review Survey: <b>Re-Survey</b>	N		Sec. 4909.4	4
	Sec. 96.1.4910	<b>General Plan Safety Element 4910</b>	N		Sec. 4910	4
		General Plan Safety Element: <b>General</b>	N		Sec. 4910.1	4



County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
		General Plan Safety Element: <b>Submission</b>	N		Sec. 4910.2	4
		General Plan Safety Element: <b>Review</b>	N		Sec. 4910.3	4
		General Plan Safety Element: <b>Adoption</b>	N		Sec. 4910.4	4
Sec. 96.1.5601.2	Sec. 96.1.5607.16	Explosives and Fireworks Applicability	R	Sec. 5601.2	Sec. 5607.16	1, 4
Sec. 96.1.5601.2	Sec. 96.1.5607.16.1	Applicability	R	Sec. 5601.2	Sec. 56016.1	1, 4
		Definitions	R	Sec. 5601.2.1	Sec. 5607.16.2	1, 4
		Application	R	Sec. 5601.2.2	Sec. 5607.16.2.1	1, 4
		Permit Requirements	R	Sec. 5601.2.3	Sec. 5607.16.3	1, 4
		Amendment to Blasting Permit Required	R	Sec. 5601.2.3.1	Sec. 5607.16.3.1	1, 4
		Permit Conditions	R	Sec. 5601.2.4	Sec. 5607.16.3.2	1, 4
		Insurance and indemnification Required	R	Sec. 5601.2.5	Sec. 5607.16.3.3	1, 4
		Blasting Hours	R	Sec. 5601.2.6	Sec. 5607.16.3.4	1, 4
		Additional Operational Requirements	R	Sec. 5601.2.7	Sec. 5607.16.3.5	1, 4
		Seizure of illegal Items	R	Sec. 5601.2.8	Sec. 5607.16.3.6	1, 4
		Violations for false or misleading information	R	Sec. 5601.2.9	Sec. 5607.16.3.7	1, 4
		Fees	R	Sec. 5601.2.10	Sec. 5607.16.3.8	1, 4
Sec. 96.1.5608.1	Sec. 96.1.5608.1	Fireworks Display General	R	Sec. 5608.1	Sec. 5608.1	5
		Scope	R	Sec. 5608.1.1	Sec. 5608.1.1	5
Sec. 96.1.5705.2.4	Sec. 96.1.5705.2.4	Transferring Class I, II or III Liquids	R	Sec. 5705.2.4	Sec. 5705.2.4	5
Sec. 5706.2.5.2.1	Sec. 96.1.5706.2.5.2.1	Tanks for Gravity Discharge	A	Sec. 5706.2.5.2.1	Sec. 5706.2.5.2.1	5

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
Sec. 5706.2.8.2	Sec. 5706.2.8.2	Prohibition on Use of Tank Vehicle	A	Sec. 5706.2.8.2	Sec. 5706.2.8.2	5
Sec. 6107.5	Sec. 96.1.6107.5	Safety Precautions and Devices Securing LPG	A	Sec. 6107.5	Sec. 6107.5	5
Sec. 96.1.8001	Sec. 96.1.8001	Referenced Standards	NC	Sec. 8001	Sec. 8001	1, 2, 3, 4
		NFPA 13D	R	Sec. 8001	Sec. 8001	1, 2, 3, 4
		Spare Sprinkler Heads	R	5.1.1.2	5.1.1.2	5
		Pressure Reducing Valve	D	7.1.5	<del>7.1.5</del>	1, 3, 4
		Amendment to Inspector Test (RSF & VC)	AMEND	7.2.5	7.2.5	5
		Pressure Gauge (GROUP)	A	7.3.3	7.3.4	1, 4
		Alarms (GROUP)	R	7.6	7.6	1, 4
		Sprinklered areas to be omitted (GROUP)	R	8.3.2	8.3.2	5
		Amendment to NFPA 13D Sprinklers required (RSF)	AMEND	8.3.3	8.3.3	1, 4
		Installing sprinklers in garages, carports, patios over 10' (RSF)	R	8.3.4	8.3.4	1, 4
		Installing sprinklers in garages (GROUP)	R	8.3.4	8.3.4	5
		Installing sprinkler above FAU (GROUP)	R	8.3.5.1.1	8.3.5.1.1	5
		Sprinklers shall be installed in saunas and wine rooms (RSF)	A	8.3.10	8.3.10	5
		3-Head Calculation (GROUP)	A	10.2.4.1	10.2.4.1	5
		Pressure cushion (GROUP)	A	10.2.5	10.2.5	5
		Hydrostatic Test (GROUP)	R	11.2.1.1	11.2.1.1	5
		Inactive Systems (GROUP)	R	12.3.3	12.3.6	4

County Section Old (2020)	County Section New (2023)	Subject	Added, Amend, Revised	2020 Fire District Section (2020)	2023 Fire District Section (2023)	Difference
Sec. 96.1.APP.B103.	Sec. 96.1.APP.B103.3	Areas Without Water Supply Systems	NC	Appendix B103.3	Appendix B103.3	5
Sec.96.1.APP.H100	Sec. 96.1.APP.H	Reporting Forms	NC	Appendix H	Appendix H	5
Sec. 96.1.007	Sec. 96.1.007	Effective Date	R			4
		Index by code section	NC			5
		Findings	NC			5
		Additional Findings for Chapter 49 WUI	NC			5
		Findings for the Fire Code	NC			5
	Annex A	Annex Residential Turn Around	A		Annex A	6
	Annex B	Annex Commercial Turn Around	A		Annex B	6
	Annex C	Annex Slope Measurements	A		Annex C	6
	Annex D	Annex Fuel Modifications Measurements	A		Annex D	6
	Annex E	Annex Defensible Space Ordinance Maps	A		Annex E	6
	Annex F	Annex Private Water Storage Tank plan requirements	A		Annex F	6

1. Showed the language and text that is different from the California Fire Code and the County Code as shown in *Italics*
2. Changed punctuation or a grammatical change.
3. Words were deleted or sections deleted. County amendments were not necessary as section was adopted in model code language.
4. Revised or amended texts. Changes from the previous code that have been revised.
5. NO CHANGE (NC) means no changes made. Language is the same.
6. NEW – Means new image or section provided for clarity.

## **FINDINGS**

### FOR REVISION OF THE VISTA FIRE PROTECTION DISTRICT AMENDMENTS TO THE 2022 CALIFORNIA FIRE CODE OF THE CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 9

As required by Health and Safety Code section 17958 the Vista Fire Protection District does herewith make express findings that amendments to the 2022 California Fire Code are necessary for the protection of the public health, safety, and welfare due certain climatic, topographic, or geological features existing in the County of San Diego.

The following matrix lists the Vista Fire Protection District amendments and the corresponding express findings. Minor editorial changes or typographical corrections to the Fire Code are not shown in these findings. The full texts of the proposed Vista Fire Protection District amendments are shown in Vista Fire Protection District Fire Code.

### **Additional Findings for Chapter 49**

#### **REQUIREMENTS FOR WILDLAND-URBAN INTERFACE FIRE AREAS**

As required by Health and Safety Code section 17958 the Vista Fire Protection District Board of Directors does herewith make express findings that amendments to the California Building Standards Code are necessary for the protection of the public health, safety and welfare due certain climatic, topographic or geological features existing in the County of San Diego.

#### **DEFINITIONS:**

**CLIMATE.** The average course or condition of the weather at a particular place over a period of many years, as exhibited in absolute extremes, means and frequencies of given departures from these means (i.e., of temperature, wind velocity, precipitation and other weather elements).

**TOPOGRAPHY.** The configuration of landmass surface, including its relief (elevation) and the position of its natural and man-made features that affect the ability to cross or transit a terrain.

**GEOGRAPHY.** A science that deals with the earth and its life, especially the description of land, sea, air, and the distribution of plant and animal life including man and his industries with reference to the mutual relations of these diverse elements. Webster's Third New California Dictionary

## **CLIMATIC CONSIDERATIONS:**

There are two types of climates: macro and micro. A macro climate affects an entire region and gives the area a general environmental context. A micro climate is a specific variation that could be related to the other two factors, topography and geography. A micro climate may cover a relatively small area or be able to encompass an entire community, as opposed to another community in the same County of San Diego.

Climatic consideration should be given to the extremes, means, and anomalies of the following weather elements:

1. Temperatures.
2. Relative humidifies.
3. Precipitation and flooding conditions.
4. Wind speed and duration of periods of high velocity.
5. Wind direction.
6. Fog and other atmospheric conditions.

## **TOPOGRAPHIC CONSIDERATIONS:**

Topographic considerations should be given to the presence of the following topographical elements:

1. Elevation and ranges of elevation.
2. Location of ridges, drainages and escarpments.
3. Percent of grade (slope).
4. Location of roads, bridges and railroads.
5. Other topographical features, such as aspect exposure.

This information becomes an important part of creating an analysis of urban-wildland areas because topography and slope are key elements (along with fuel type) that create the need for specific ignition-resistance requirements in this code

## **GEOGRAPHIC CONSIDERATIONS:**

Geography should be evaluated to determine the relationship between man-made improvements (creating an exposure) and factors such as the following:

1. Fuel types, concentration in a mosaic and distribution of fuel types.
2. Earthquake fault zones.
3. Hazardous material routes.
4. Artificial boundaries created by jurisdictional boundaries.
5. Vulnerability of infrastructure to damage by climate and topographical concerns.

## **Findings for the Fire Code**

### **Finding 1**

The Vista Fire Protection District herewith make findings that flood conditions carry the potential for overcoming the ability of the fire department to aid or assist in fire control, evacuations, rescues and the emergency task demands inherent in such situations. The potential for flooding conditions results in limiting fire department emergency vehicular traffic, with resulting overtaxing fire department personnel, may further cause a substantial or total lack of protection against fire for the buildings and structures located within the jurisdiction.

### **Finding 2**

The Vista Fire Protection District is situated near three major faults, each capable of generating earthquakes of significant magnitude. These are the Rose Canyon Fault, the Elsinore Fault, and the Agua Caliente Fault. These faults are subject to becoming active at any time; the Vista Fire Protection District is particularly vulnerable to devastation should such an earthquake occur.

The potential effects of earthquake activity include isolating certain areas of Vista Fire Protection District from the surrounding area and restricting or eliminating internal circulation due to the potential for collapsing of highway overpasses and underpasses, along with other bridges in the area, or an earth slide, and the potential for vertical movement rendering surface travel unduly burdensome or impossible.

### **Finding 3**

The Vista Fire Protection District is bisected by San Diego County highway 78. This highway is heavily traveled by transportation vehicles carrying known toxic, flammable, explosive and hazardous materials. The potential for release or threatened release of a hazardous material along this route and others within the district is likely given the volume transported daily. Incidents of this nature will normally require all available emergency response personnel to prevent injury and loss of life and to prevent, as far as practicable, property loss. Emergency personnel responding to such aforementioned incidents may be unduly impeded and delayed in accomplishing an emergency response as a result of this situation. With the potential result of undue and unnecessary risk to the protection of life and public safety and, in particular, endangering residents and occupants in buildings or structures without the protection of automatic fire sprinklers.

### **Finding 4**

Much of the rural area of the Vista Fire Protection District is a mountainous topography and lacks the infrastructure needed for water supply (fire flow) and experiences water shortages from time to time. Those conditions have severely adverse effect on water availability for

firefighting. Fires starting in sprinklered buildings are typically controlled by one or two sprinkler heads, flowing as little as 13 gallons per minute.

Hose streams used by engine companies on well- established structure fires operate at about 250 gallons per minute each, and the estimated water need for a typical residential fire is 1,250 to 1,500 gallons per minute, according to the Insurance Service Office and the 2022 California Fire Code.

Under circumstances such as, lack of water infrastructure, earthquakes, multiple fires and wildland fires within a community, the limited water demands needs of residential fire sprinklers would control and extinguish many fires before they spread from building to wildland. In such a disaster, water demands needed for conflagration firefighting probably would not be available.

## **Finding 5**

The topography of the Vista Fire Protection District presents problems in delivery of emergency services, including fire protection. Hilly terrain has narrow, winding roads with very little circulation, preventing rapid access and orderly evacuation. Much of these hills are covered with highly combustible natural vegetation. In addition to access and evacuation problems, the terrain makes delivery of water extremely difficult. Some hill areas are served by water pump systems subject to failure in fire, high winds, earthquake and other power failure situations. This would only allow domestic gravity feed water from tanks and not enough water for firefighting.

## **Finding 6**

Due to the mountainous topography in much of the rural area of the Vista Fire Protection District, roadway condition, gates, angle of approach or departure, steeply sloping roadways and grades are common. it is very important that roadways be named and identified in order to facilitate emergency response

## **Finding 7**

Due to the mountainous topography in much of the rural area of the Vista Fire Protection District, steep, narrow and winding roads and areas of heavy brush are common. These features make it difficult for emergency response personnel to easily and quickly find the location of the site that requires assistance. It is therefore essential that street numbers and signs be easily readable to ensure the quickest response times for a given location.

## **Finding 8**

Due to access and mountainous topography in much of the Vista Fire Protection District, difficult roadway conditions, gates, angle of approach or departure, steeply sloping roadways and grades are common. In addition, combining potentially severe rainstorms and ground water retention of many areas of the District where there is expansive soil. This produces a condition wherein the moisture content of the soil is sufficient that roadways become damaged due to soil expansion and shrinkage. All weather, paved surfaces capable of supporting the imposed loads of fire apparatus are necessary to ensure access of emergency response personnel. These roadways, gates, approach angles, steep slopes and grades can also make it difficult for fire apparatus and

other emergency vehicles to access a site. It is therefore essential that these roadway accesses be provided with proper all weather, paved surfaces, angle of approach, grades and gate access.

## **Finding 9**

Due to the mountainous topography served by most of the Vista Fire Protection District, conditions exist such as poor water supply, poor access roads, steep grades and steep canyon slopes. In addition, the distances emergency response personnel must travel can be very large and the response times can be long. Numerous studies of the growth of a fire in relation to time have proven that at ten minutes the fire is expected to have burned beyond control and any occupants remaining in the burning building would not be expected to survive. A ten-minute response time more realistically represents the time beyond which serious injury or death is expected to occur. It is therefore found that the Vista Fire Protection District response time at which mitigation would be required, is 10 minutes. Such mitigation would be in the form of fire sprinklers or increased fire flow. In addition, with fire sprinklers and smoke detectors together have reduced the number of fatalities in homes by 59%

## **Finding 10**

Areas in the Vista Fire Protection District can have special fire prevention needs not fully covered by the provisions of the Fire Code itself. This is due to the unique topographic features demographics, infrastructure, and local economics of the Fire District.

## **Finding 11**

The topography of the Vista Fire Protection District presents problems in delivery of emergency services, including fire protection. Hilly terrain has narrow, winding roads with little circulation, preventing rapid access and orderly evacuation. Much of these hills are covered with highly non-fire resistive natural vegetation. In addition to access and evacuation problems, the terrain makes delivery of water extremely difficult. Some hill areas are served by water tank and pump systems are subject to failure in fire, high winds, earthquake and other power failure situations.

The aforementioned problems are set forth in the 2022 California Building Code and amendments.

## **Finding 12**

The seasonal climatic conditions during the late summer and fall create numerous serious difficulties regarding the control of and protection against fires in the Vista Fire Protection District. The hot, dry weather typical of this area in summer and fall, coupled with Santa Anna winds and low humidity frequently results in wildfires that threaten or could threaten the Vista Fire Protection District.

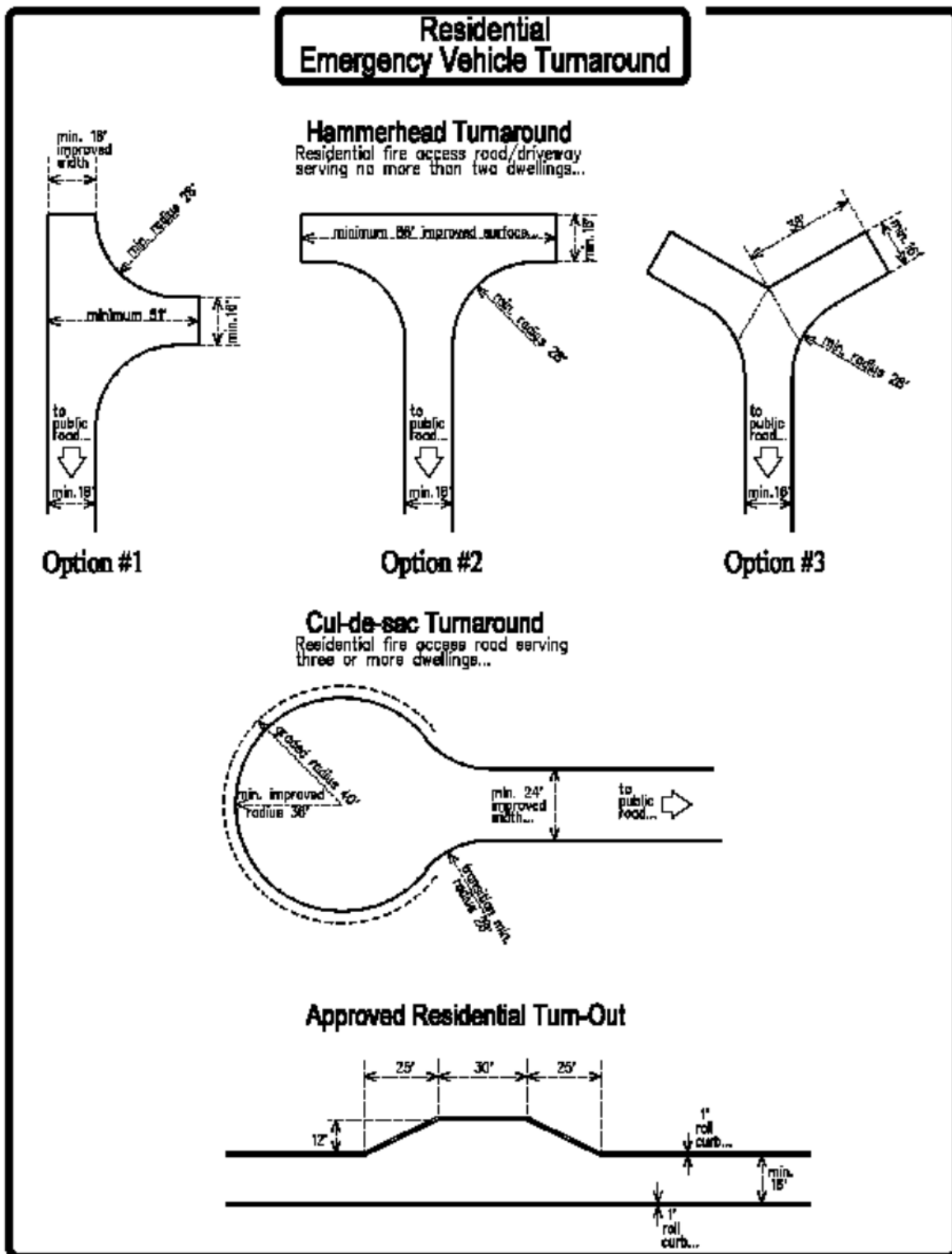
Although some code requirements, such as fire-resistive roof classification, have a direct bearing on building survival in a wildland fire situation, others, such as residential fire sprinklers, may also have a positive effect. In dry climate on low humidity days, many materials are much more easily



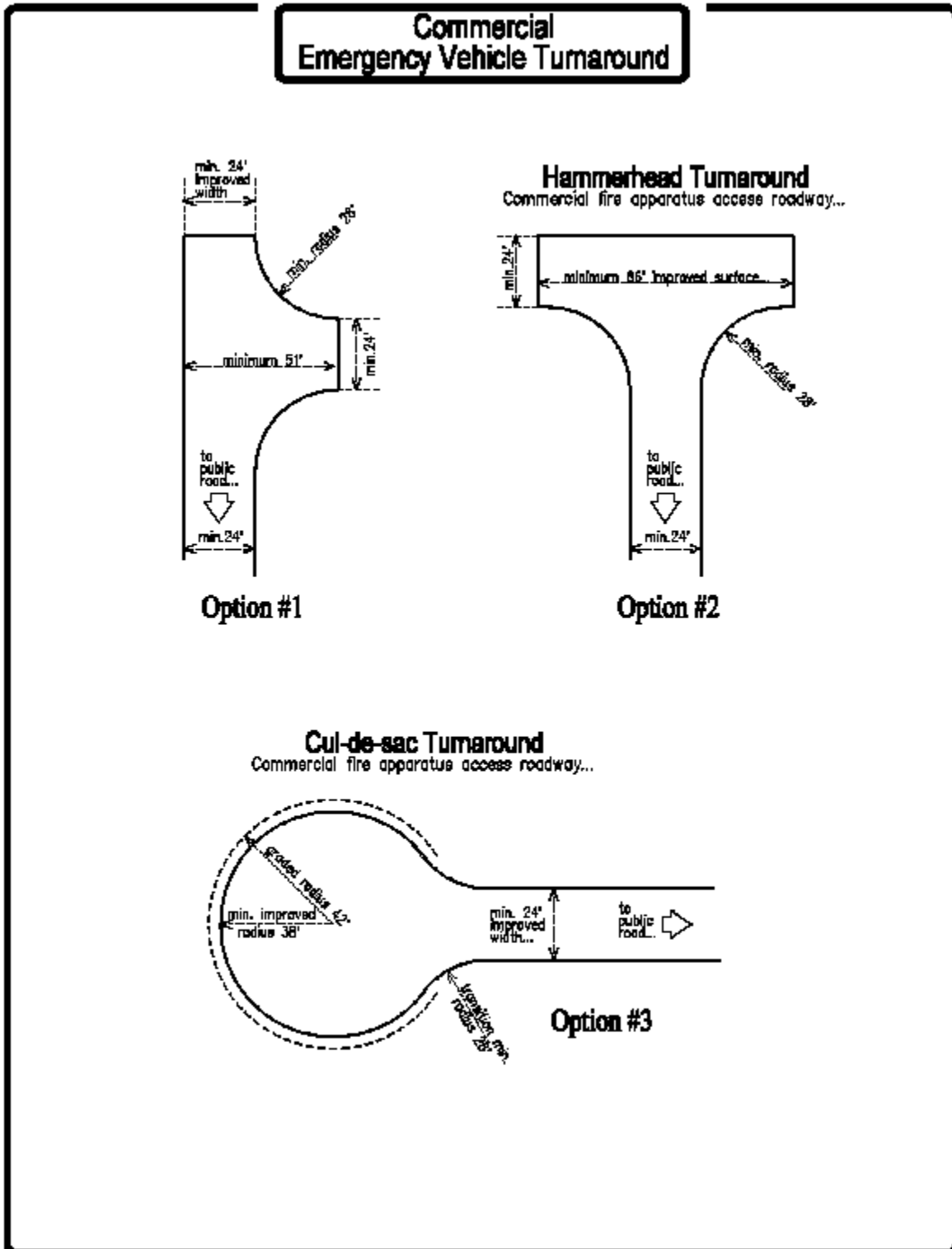
ignited. More fires are likely to occur and any fire, once started, can expand extremely rapidly. Residential fire sprinklers can arrest a fire starting within a structure before the fire is able to spread to adjacent brush and structures.

A seasonal wind also have the potential for interfering with emergency vehicle access, delaying or making impossible fire responses, because of toppling of extensive plantings of dense chaparral, eucalyptus and confers trees. The trees are subject to uprooting in strong winds due to relatively small root bases compared to the tree itself. The aforementioned problems support the imposition of fire-protection requirements greater than those set forth in the Building Code or Fire Code.

**ANNEX A RESIDENTIAL FIRE APPARATUS TURN AROUND  
REFERENCED SEC. 503.2.5 DEAD ENDS**



ANNEX B COMMERCIAL FIRE APPARATUS TURN AROUND  
REFERENCED SEC. 503.2.5 DEAD ENDS



**ANNEX C SLOPE CROSS SECTION MEASUREMENTS REFERENCED  
SEC. 4907.4.3**

**4907.4.3 Building and Structure setback from slope.** Single-story buildings or structures shall be setback a minimum 15 feet horizontally from top of slope to the furthest projection from the structure. A single-story building or structure shall be less than 12 feet above grade, measured from plate height. A two-story building or structure shall be setback a minimum of 30 feet horizontally from top of slope to the furthest projection from the structure. A two-story building or structure shall be greater than a 12-foot plate height but shall not exceed 35 feet in total height. Buildings and structures greater than two stories may require a greater setback as determined by the fire code official.

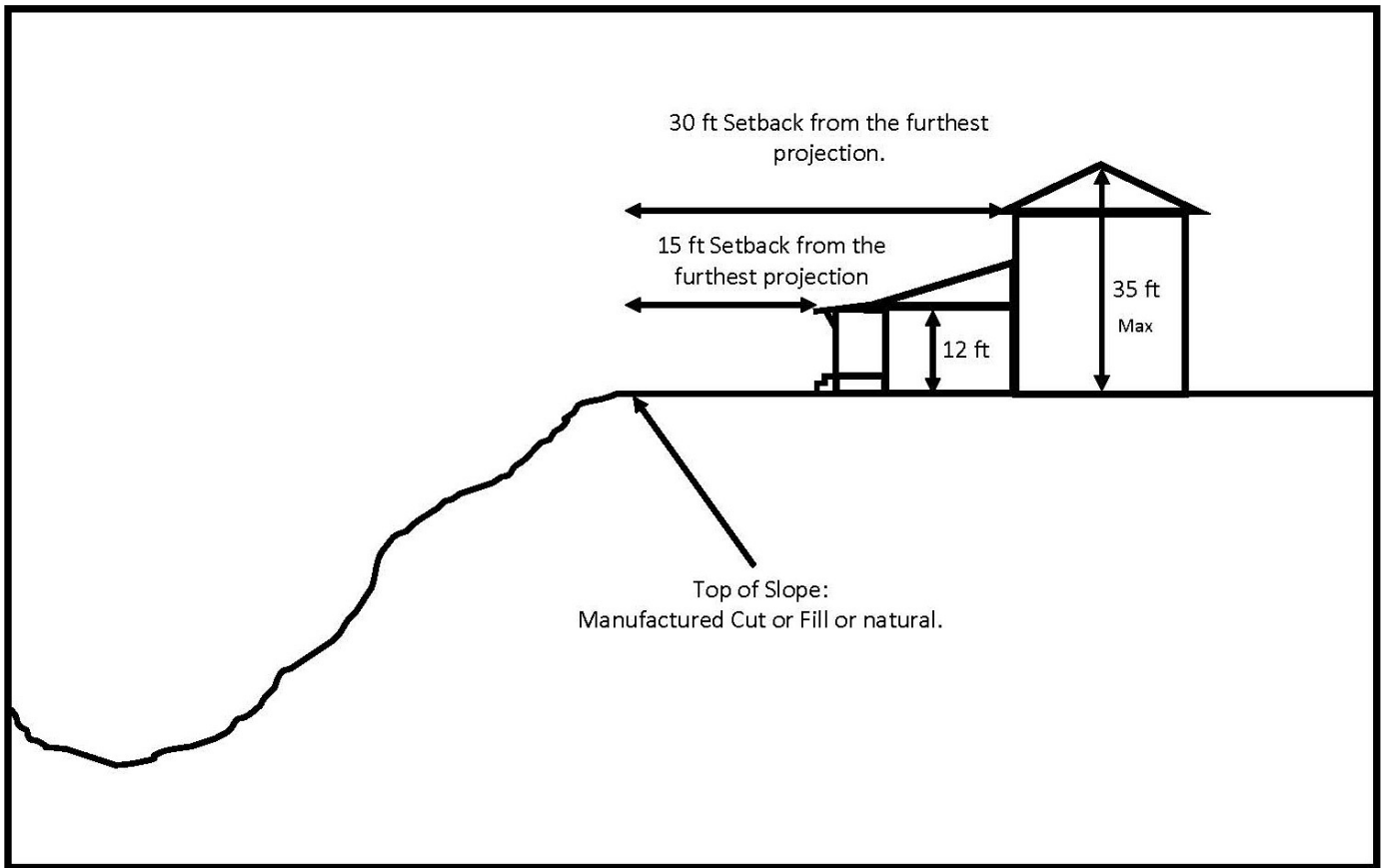
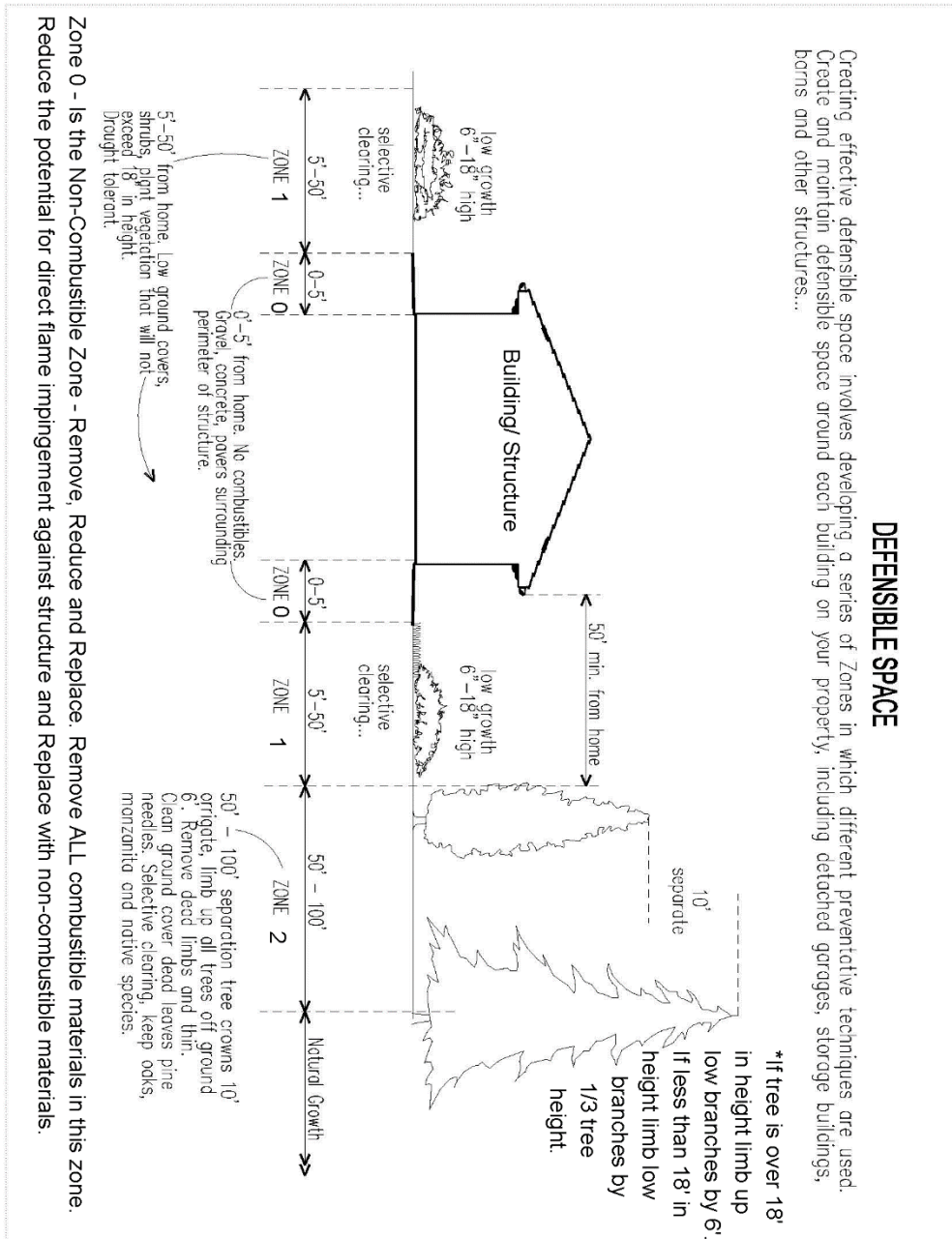


Figure 1. Top of Slope Setback

**ANNEX D FUEL MODIFICATION ZONES MEASUREMENTS REFERENCED  
FIGURE 4907.5**

Create and maintain Zone 0 Non-Combustible Zone. Remove ALL Combustible materials: Vegetation, mulch, bark, sheds, fences attachments within this zone.  
 REMOVE – Combustible materials in this zone  
 REDUCE – Potential for direct flame against building or structure  
 REPLACE – Non-combustible materials acceptable to FAHJ



## ANNEX E DEFENSIBLE SPACE ORDINANCES

Refer to the map on the following page to determine the appropriate Unincorporated Fire District. Defensible Space Ordinances defer depending on which Fire District your property is located. The Defensible Space Ordinance for the San Diego County Fire Protection District is included in the following pages of this Appendix. If your property is in a Fire District other than the San Diego Fire Protection District, refer to the individual web links below.

Vista Fire Protection District

<https://www.alpinefire.org/files/a935a53b0/2016.01+Weed+Abatement+Ordinance.pdf>

Lakeside Fire Protection District

<https://lakesidefire.org/defensible-space/>

North County Fire Protection District

<https://www.ncfire.org/files/9c10be67f/Ordinance+2001-1+-+Weed+Abatement.pdf>

Rancho Santa Fe Fire Protection District

<http://www.rsf-fire.org/wp-content/uploads/2022/03/0.-Ord-2022-02-Weed-Abatement-Final.pdf>

Rincon Del Diablo Municipal Water District

<http://rinconwater.org/wp-content/uploads/2018/12/Water-Administrative-Code-rev-2017.pdf>

San Marcos Fire Protection District

<https://www.san-marcos.net/departments/public-safety/fire-department/fire-prevention/ab38-defensible-space-inspections>

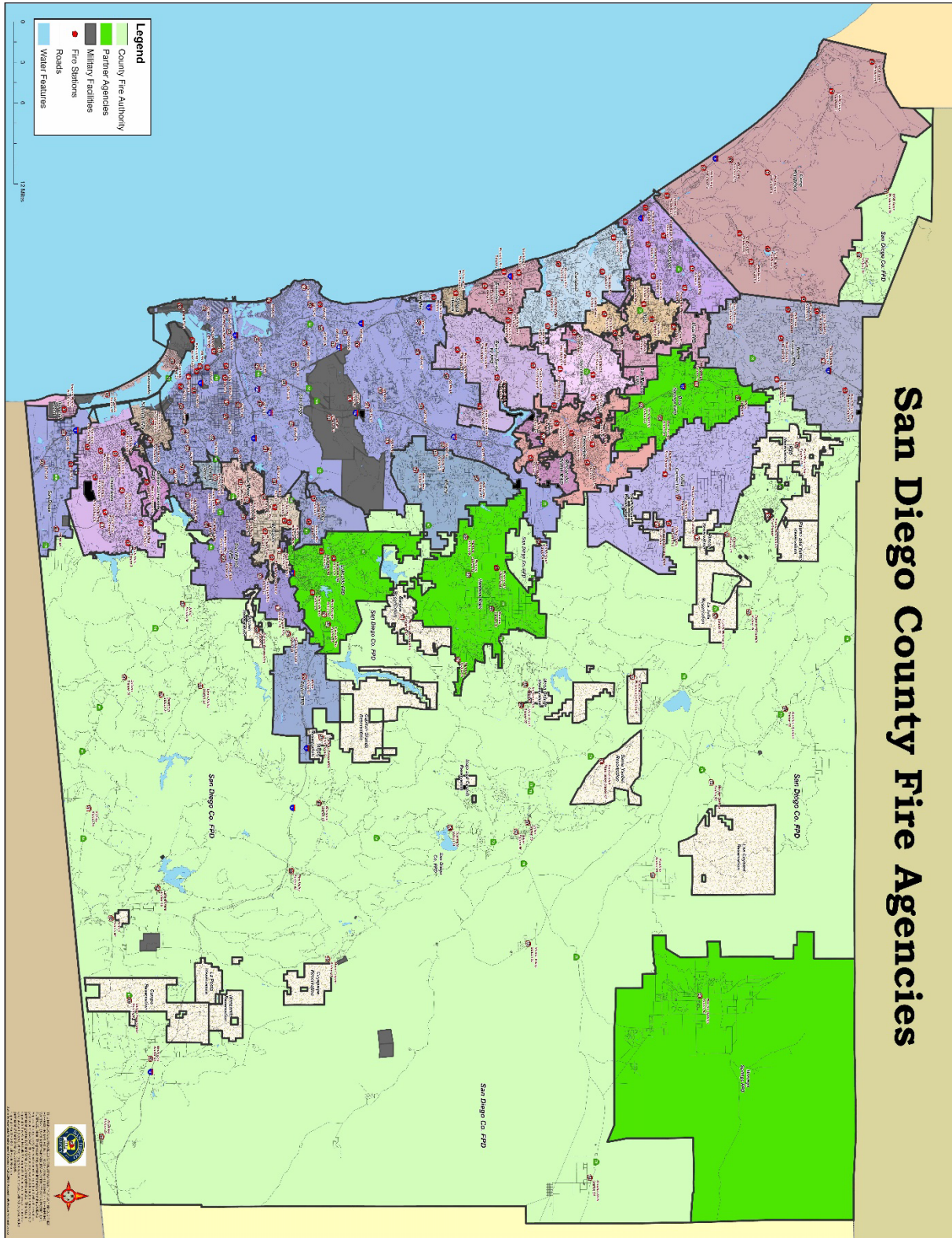
San Miguel Fire Protection District

<https://sanmiguelfire.specialdistrict.org/files/2f4b1b461/Ordinance+14-1+-+Weed+Abatement+%28signed%29.pdf>

Valley Center Fire Protection District

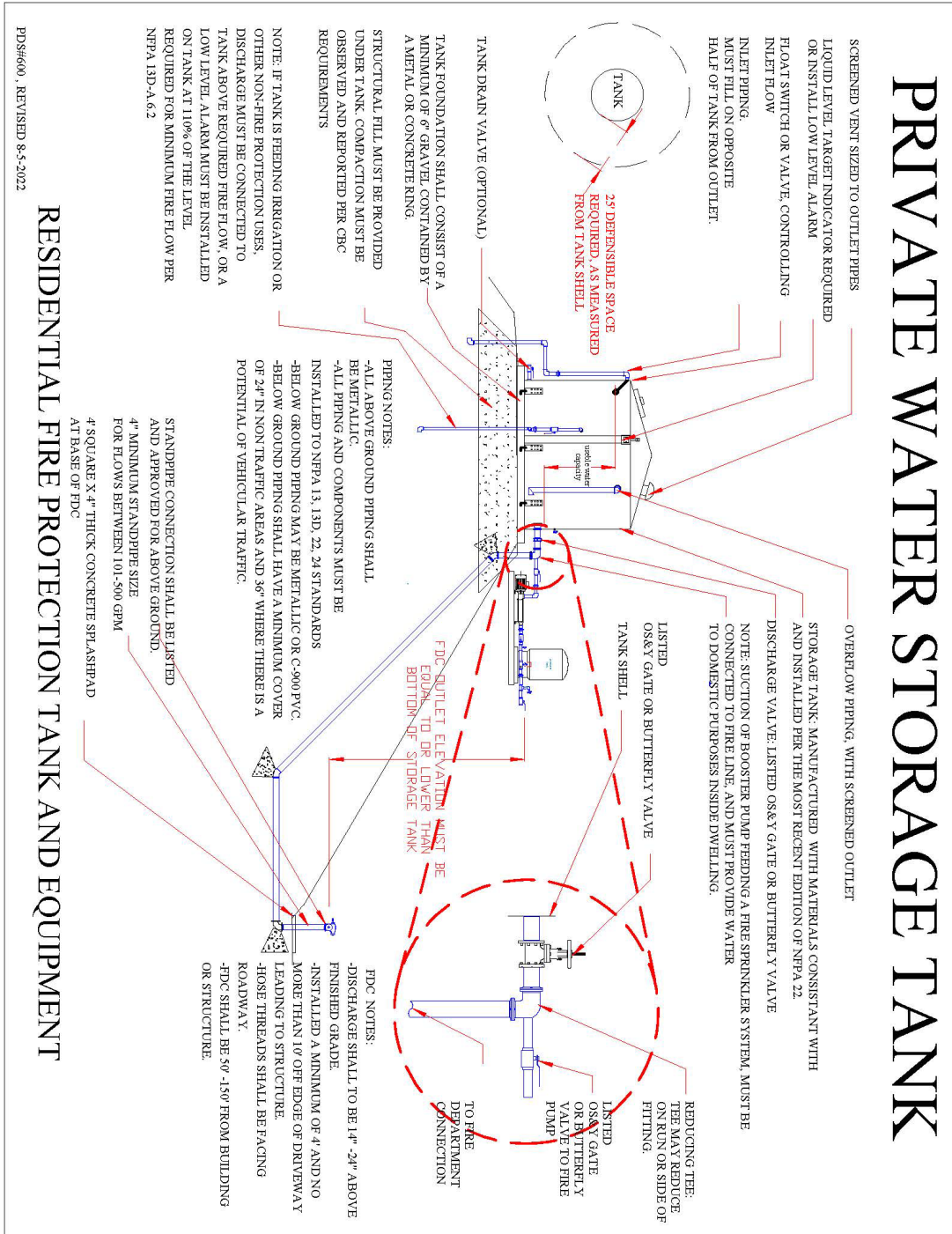
<https://www.valleycenterfire.com/wp-content/uploads/2022/08/Ordinance-55-weed-abatement.pdf>

**ANNEX E DEFENSIBLE SPACE ORDINANCES MAP**



# ANNEX F PRIVATE WATER STORAGE TANK INSTALLATION REQUIREMENTS

Plans shall be submitted to the FAHJ for approval prior to the installation of water tank. All materials shall be listed and approved by the FAHJ. **Figure 507.2.2**





**AMENDMENT No. 1  
EMPLOYMENT AGREEMENT  
BETWEEN  
KARLENA RANNALS and VISTA FIRE PROTECTION DISTRICT**

This Amendment No. 1 to the Employment Agreement, dated March 22, 2022, (the "Agreement") is executed by and between Vista Fire Protection District having its principal place of business in Vista, California (the "Employer") and Karlena Rannals (the "Employee") is entered into as of September 1, 2022.

The following provisions of the Agreement are revised as follows:

1. Duties and Responsibilities. The Employee's duties shall include that of the office of District Clerk and Manager of Finance.
2. Term. The Term of the Agreement shall continue indefinitely until terminated by either Party as provided in the original Agreement.
4. Compensation.
  - a. Hourly Rate. Employee shall be a part-time hourly employee to be paid at the rate of \$55.00 per hour, payable monthly. Employee will support monthly compensation requests with summaries of tasks performed, without the necessity of detailed hourly logs.

ALL OTHER TERMS AND CONDITIONS of the Agreement which are not expressly modified by this Amendment No. 1 shall remain in full force and effect.

IN WITNESS WHEREOF, the parties to this Amendment No. 1 have signed it as of the date stated in the introduction to this Agreement.

VISTA FIRE PROTECTION DISTRICT  
By

\_\_\_\_\_  
Robert B. Fougner  
President and Director

KARLENA RANNALS

\_\_\_\_\_  
