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	FLOW:	
ON SITE FIRE HYDRANTS TOTAL NUMBER: 5 PUBLIC FIRE HYDRANTS		

RANGE COUNTY FIRE AUTHORITY

FIRE MASTER PLAN

OCFA STANDARD FIRE MASTER PLAN NOTES

SPECTION REQUIREMENTS

- OCFA SITE INSPECTIONS ARE REQUIRED FOR THIS PROJECT. PLEASE SCHEDULE ALL FIELD INSPECTIONS AT LEAST 48 HOURS IN ADVANCE. INSPECTIONS CANCELED AFTER 1 P.M. ON THE DAY BEFORE THE SCHEDULED DATE WILL BE SUBJECT TO A RE-INSPECTION FEE. CALL OCFA INSPECTION SCHEDULING AT (714) 573-6150.
- A LUMBER DROP INSPECTION SHALL BE PERFORMED PRIOR TO BRINGING COMBUSTIBLE MATERIALS (OR COMBUSTIBLE FIXTURES AND FINISHES FOR STRUCTURES OF NON-COMBUSTIBLE CONSTRUCTION). ALL-WEATHER ACCESS ROADS CAPABLE OF SUPPORTING 94,000 LBS., TOPPED WITH ASPHALT CONCRETE, OR EQUIVALENT SHALL BE IN PLACE AND HYDRANTS OPERATIONAL AT TIME OF LUMBER DROP INSPECTION.
- FOR PROJECTS WITH FUEL MODIFICATION, A VEGETATION CLEARANCE INSPECTION IS REQUIRED PRIOR TO A LUMBER DROP INSPECTION. USE THE FUEL MODIFICATION PLAN SERVICE REQUEST NUMBER TO SCHEDULE THE VEGETATION CLEARANCE INSPECTION.
- PHASED INSTALLATION OF FIRE ACCESS ROADS REQUIRES ADDITIONAL INSPECTIONS NOT COVERED BY THE FEES PAID AT PLAN SUBMITTAL. CONTACT INSPECTION SCHEDULING TO ARRANGE FOR ADDITIONAL INSPECTIONS THAT MAY BE NEEDED AND ANY FEES THAT MAY BE DUE. AN ORIGINAL APPROVED. SIGNED. WET-STAMPED OCFA FIRE MASTER PLAN SHALL
- BE AVAILABLE ON-SITE AT TIME OF INSPECTION. ACCESS ROADS AND HYDRANTS SHALL BE MAINTAINED AND REMAIN CLEAR OF
- OBSTRUCTIONS AT ALL TIMES DURING AND AFTER CONSTRUCTION. AREAS WHERE PARKING IS NOT PERMITTED SHALL BE CLEARLY IDENTIFIED AT ALL TIMES. OBSTRUCTION OF FIRE LANES AND HYDRANTS MAY RESULT IN CANCELLATION OR SUSPENSION OF INSPECTIONS. TEMPORARY FUEL TANKS OF 60 OR MORE GALLONS SHALL BE REVIEWED,
- INSPECTED, AND PERMITTED BY THE OCFA PRIOR TO USE. THE PROJECT ADDRESS SHALL BE CLEARLY POSTED AND VISIBLE FROM THE PUBLIC ROAD DURING CONSTRUCTION.
- ALL GATES IN CONSTRUCTION FENCING SHALL BE EQUIPPED WITH EITHER A KNOX OR BREAKAWAY PADLOCK.
- BUILDINGS OF FOUR OR MORE STORIES SHALL BE PROVIDED WITH STAIRS AND A STANDPIPE BEFORE REACHING 40 FEET IN HEIGHT.

ENERAL REQUIREMENTS

- FIRE LANE WIDTHS SHALL BE MEASURED FROM TOP FACE OF THE CURB TO TOP FACE OF THE CURB FOR FIRE LANES WITH STANDARD CURBS AND GUTTERS AND FROM FLOW-LINE TO FLOW-LINE FOR FIRE LANES WITH MODIFIED CURB DESIGNS (E.G., ROLLED, RAMPED, ETC.). THE DEVELOPER IS RESPONSIBLE TO VERIFY THAT ALL APPROVED PUBLIC WORKS OR GRADING DEPARTMENT STREET IMPROVEMENT PLANS OR PRECISE GRADING PLANS CONFORM TO THE MINIMUM STREET WIDTH MEASUREMENTS PER THE APPROVED OCFA FIRE MASTER PLAN AND STANDARDS IDENTIFIED IN OCFA GUIDELINE B-09 FOR ALL PORTIONS OF THE FIRE ACCESS ROADS.
- PERMANENT, TEMPORARY, AND PHASED EMERGENCY ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT AN IMPOSED LOAD OF 94,000 LBS. AND SURFACED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES.
- FIRE LANE SIGNS AND RED CURBS SHALL MEET THE SPECIFICATIONS SHOWN IN OCFA GUIDELINE B-09 AND SHALL BE INSTALLED AS DESCRIBED THEREIN ADDITIONAL FIRE LANE MARKINGS MAY BE REQUIRED AT THE TIME OF INSPECTION DEPENDING ON FIELD CONDITIONS.
- ALL FIRE HYDRANTS SHALL HAVE A "BLUE REFLECTIVE PAVEMENT MARKER" INDICATING THEIR LOCATION PER THE OCFA STANDARD. ON PRIVATE PROPERTY MARKERS ARE TO BE MAINTAINED IN GOOD CONDITION BY THE PROPERTY OWNER.
- ADDRESS NUMBERS SHALL BE LOCATED AND BE OF A COLOR AND SIZE SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE ROADWAY FROM WHICH THE BUILDING IS ADDRESSED IN ACCORDANCE WITH OCFA GUIDELINE B-09 WAYFINDING SIGNS, WHEN REQUIRED BY THE LOCAL AHJ, SHALL COMPLY WITH THE STANDARDS OF THAT AGENCY. WHEN WAYFINDING SIGNS ARE ALSO REQUIRED BY THE OCFA, THEY MAY BE DESIGNED TO LOCAL AHJ REQUIREMENTS PROVIDED THAT SUCH STANDARDS FACILITATE LOCATION OF STRUCTURES SUITES, AND DWELLING UNITS BY EMERGENCY PERSONNEL
- ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH CHAPTER 5 OF THE CFC AND OCFA GUIDELINES. APPROVED ACCESS WALKWAYS SHALL BE PROVIDED TO ALL REQUIRED
- OPENINGS AND ALL RESCUE WINDOWS. VEGETATION SHALL BE SELECTED AND MAINTAINED IN SUCH A MANNER AS TO ALLOW IMMEDIATE ACCESS TO ALL HYDRANTS, VALVES, FIRE DEPARTMENT CONNECTIONS, PULL STATIONS, EXTINGUISHERS, SPRINKLER RISERS, ALARM CONTROL PANELS, RESCUE WINDOWS, AND OTHER DEVICES OR AREAS USED FOR FIREFIGHTING PURPOSES. VEGETATION OR BUILDING FEATURES SHALL NOT OBSTRUCT ADDRESS NUMBERS OR INHIBIT THE FUNCTIONING OF ALARM BELLS HORNS, OR STROBES.
- DUMPSTERS AND TRASH CONTAINERS LARGER THAN 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER SYSTEM.
- ANY FUTURE MODIFICATION TO THE APPROVED FIRE MASTER PLAN OR APPROVED SITE PLAN, INCLUDING BUT NOT LIMITED TO ROAD WIDTH, GRADE, SPEED HUMPS, TURNING RADII, GATES OR OTHER OBSTRUCTIONS, SHALL REQUIRE REVIEW, INSPECTION, AND APPROVAL BY THE OCFA.
- APPROVAL OF THIS PLAN SHALL NOT BE CONSTRUED AS APPROVAL OF ANY INFORMATION OR PROJECT CONDITIONS OTHER THAN THOSE ITEMS AND REQUIREMENTS IDENTIFIED IN OCFA GUIDELINE B-09 AND RELATED PORTIONS OF THE 2019 CFC AND CBC. THIS PROJECT MAY BE SUBJECT TO ADDITIONAL REQUIREMENTS NOT STATED HEREIN UPON EXAMINATION OF ACTUAL SITE AND PROJECT CONDITIONS OR DISCLOSURE OF ADDITIONAL INFORMATION.

- PROJECT-SPECIFIC REQUIREMENTS 22. AN UNDERGROUND PIPING PLAN IS REQUIRED FOR THE INSTALLATION OF AN AUTOMATIC FIRE SPRINKLER SYSTEM OR FOR A PRIVATE FIRE HYDRANT SYSTEM A SEPARATE PLAN SUBMITTAL IS REQUIRED.
- 23. AN ARCHITECTURAL PLAN IS REQUIRED TO BE SUBMITTED TO THE OCFA FOR REVIEW AND APPROVAL FOR PROJECTS CONTAINING A, C, E, F, H, I, L, AND R-4 OCCUPANCIES. A PLAN MAY ALSO BE REQUIRED FOR R-1 AND R-2 OCCUPANCIES OVER TWO STORIES OR THOSE UTILIZING SPRINKLERS OR FIRE WALLS TO INCREASE THE MAXIMUM BUILDING SIZE ALLOWED -- SEE OCFA INFO BULLETIN 02-13.
- 24. A CHEMICAL CLASSIFICATION AND HAZARDOUS MATERIALS COMPLIANCE PLAN SHALL BE APPROVED BY THE OCFA PRIOR TO ANY HAZARDOUS MATERIALS BEING OR USED ON SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED.
- 25. BUILDINGS USED FOR HIGH-PILED STORAGE SHALL COMPLY WITH CFC REQUIREMENTS. A SEPARATE PLAN SUBMITTAL IS REQUIRED IF MATERIALS WILL BE STORED HIGHER THAN 12 FEET FOR LOWER-HAZARD COMMODITIES, OR HIGHER THAN SIX FEET FOR HIGH-HAZARD COMMODITIES SUCH AS PLASTICS, RUBBER, FLAMMABLE/COMBUSTIBLE LIQUIDS, TIRES, CARPET, ETC.
- 26. AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL ORDINANCES. AMENDMENTS. AND GUIDELINES. SPRINKLER SYSTEMS, OTHER THAN THOSE LISTED IN CFC 903.4, SHALL BE MONITORED BY AN APPROVED CENTRAL STATION. SEPARATE PLAN SUBMITTALS FOR THE SPRINKLER AND MONITORING SYSTEMS ARE REQUIRED.
- 27. BUILDINGS CONTAINING INDUSTRIAL REFRIGERATION SYSTEMS SHALL COMPLY WITH CFC REQUIREMENTS. A SEPARATE PLAN SUBMITTAL IS REQUIRED IF REFRIGERANT QUANTITIES EXCEED THRESHOLDS.
- 28. A FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL ORDINANCES, AMENDMENTS, AND GUIDELINES. A SEPARATE PLAN SUBMITTAL IS REQUIRED.
- 29. STRUCTURES LOCATED IN A FIRE HAZARD SEVERITY ZONE OR WILDLAND-URBAN INTERFACE AREA ARE SUBJECT TO THE CONSTRUCTION REQUIREMENTS PRESCRIBED IN CHAPTER 7A OF THE 2019 CBC AND/OR SECTION 337 OF THE 2019 CRC. CONSTRUCTION MATERIALS/METHODS ARE REVIEWED AND INSPECTED BY THE BUILDING DEPARTMENT.
- 30. ONE OR MORE STRUCTURES SHOWN ON THIS PLAN ARE LOCATED ADJACENT TO A FUEL MODIFICATION AREA. CHANGES TO THE FUEL MODIFICATION ZONE LANDSCAPING, NEW STRUCTURES, OR ADDITION/ALTERATION TO EXISTING STRUCTURES REQUIRES REVIEW AND APPROVAL BY THE OCFA.
- 31. PROJECTS LOCATED IN STATE RESPONSIBILITY AREAS AND IN LOCAL RESPONSIBILITY AREA VHFHSZ SHALL ALSO COMPLY WITH ALL APPLICABLE REQUIREMENTS FROM TITLE 14, DIV. 1.5, CH. 7, SUBCH. 2 "SRA FIRE SAFE **REGULATIONS" AND GUIDELINE B-09A.**
- 32. STRUCTURES MEETING THE CRITERIA IN CFC 510.1 SHALL BE PROVIDED WITH AN EMERGENCY RESPONDER RADIO SYSTEM. REFER TO CFC 510.2 THROUGH 510.6.3 AND DAS/BDA GUIDELINES PUBLISHED BY OC SHERIFF'S COMMUNICATION AND TECHNOLOGY DIVISION FOR TECHNICAL AND SUBMITTAL INFORMATION.

<u>GATES</u>

O MANUAL O ELECTRIC

OCFA NOTES FOR ELECTRIC VEHICLE GATES 1. A REMOTE OPENING DEVICE IS REQUIRED. THE REMOTE GATE OPENING DEVICE THAT WILL BE INSTALLED IS (CHECK ONE):

- CLICK2ENTER* (SINGLE-PULSE MODE WITH 1.5 SECOND TRANSMISSION WINDOW) FIRE STROBE ACCESS PRODUCTS, INC.
- TOMAR
- 2. IN THE EVENT OF LOSS OF NORMAL POWER TO THE GATE OPERATING MECHANISM, IT SHALL BE AUTOMATICALLY TRANSFERRED TO A FAIL-SAFE MODE ALLOWING THE GATE TO BE PUSHED OPEN BY A SINGLE FIREFIGHTER WITHOUT ANY OTHER ACTIONS, KNOWLEDGE, OR MANIPULATION OF THE OPERATING MECHANISM BEING NECESSARY A BATTERY MAY ONLY BE USED IN PLACE OF FAIL-SAFE MANUAL OPERATION WHEN A)
- THE GATE OPERATOR HAS A FAIL-OPEN MODE THAT WILL AUTOMATICALLY, IMMEDIATELY, AND COMPLETELY OPEN THE GATE AND KEEP IT OPEN UPON REACHING A LOW POWER THRESHOLD, REGARDLESS OF THE PRESENCE OF NORMAL POWER. SHOULD THE GATE BE TOO LARGE OR HEAVY FOR A SINGLE FIREFIGHTER TO OPEN B) MANUALLY, A SECONDARY SOURCE OF RELIABLE POWER BY MEANS OF AN
- EMERGENCY GENERATOR OR A CAPACITOR WITH ENOUGH RESERVE TO AUTOMATICALLY, IMMEDIATELY, AND COMPLETELY OPEN THE GATE UPON LOSS OF PRIMARY POWER SHALL BE PROVIDED FOR FAIL-OPEN OPERATION. 3. IN ADDITION TO THE REMOTE OPERATOR, THE GATE CONTROL SHALL BE OPERABLE BY A
- KNOX EMERGENCY OVERRIDE KEY SWITCH EQUIPPED WITH A DUST COVER. UPON ACTIVATION OF THE KEY SWITCH, THE GATE SHALL OPEN AND REMAIN OPEN UNTIL RETURNED TO NORMAL OPERATION BY MEANS OF THE KEY SWITCH. WHERE A GATE CONSISTS OF TWO LEAVES, THE KEY SWITCH SHALL OPEN BOTH SIMULTANEOUSLY IF OPERATION OF A SINGLE LEAF ON THE INGRESS SIDE DOES NOT PROVIDE FOR THE WIDTH. TURNING RADII, OR SETBACKS NECESSARY FOR FIRE APPARATUS TO NAVIGATE THE VEHICLE ENTRY POINT.
- 4. THE KEY SWITCH SHALL BE PLACED BETWEEN 42" AND 48" ABOVE THE ROADWAY SURFACE AT THE RIGHT SIDE OF THE ACCESS GATE WITHIN TWO FEET OF THE EDGE OF THE ROADWAY. IN IRVINE, THE SWITCH SHALL BE ON THE LEFT SIDE IN ACCORDANCE WITH IRVINE'S UNIFORM SECURITY ORDINANCE. 5. THE KEY SWITCH SHALL BE READILY VISIBLE AND UNOBSTRUCTED FROM THE FIRE LANE LEADING TO THE GATE.
- 6. THE KEY SWITCH SHALL BE LABELED WITH A PERMANENT RED SIGN WITH NOT LESS THAN 1/2" CONTRASTING LETTERS READING "FIRE DEPT" OR WITH A "KNOX" DECAL.

STAKEHOLDERS

BUILDING DEPARTMENT: PLANNING DEPARTMENT: PUBLIC WORKS DEPARTMENT WATER DISTRICT:



OCFA STAMP

APPLICABLE CODES

- 2022 CALIFORNIA FIRE CODE
- O 2022 CALIFORNIA BUILDING CODE 2022 CALIFORNIA RESIDENTIAL CODE
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA PLUMBING CODE 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS
- APPLICABLE NFPA STANDARDS
- LOCALLY ADOPTED ORDINANCES CITY: RANCH PLAN FIRE PROTECTION PROGRAM CONDITIONS OF APPROVAL CITY: COUNTY OF ORANGE OCFA GUIDELINES
- DEFERRED SUBMITTALS

THIS PROJECT HAS BEEN PERMITTED WITHOUT REVIEW AND/OR APPROVAL OF THE DEFERRED SUBMITTALS. PLANS APPROVED BY OCFA SHALL BE OBTAINED FOR EAC ITEM LISTED BELOW PRIOR TO COMMENCING ANY WORK WITHIN THE SCOPE OF SU DEFERRALS MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECT OR ENGINEER PRIOR TO SUBMITTING FOR REVIEW WITH OCFA. PORTIONS OF THE PROJECT THAT SHALL BE SUBJECT TO THE CODES, STANDARDS, AND OTHER APPLICABLE REQUIRE FORCE ON THE DATE THAT THE DEFERRED PLAN IS SUBMITTED TO OCFA.

- O ARCHITECTURAL PLAN
- O HIGH PILED COMBUSTIBLE STORAGE
- CHEMICAL USE AND/OR STORAGE
- O FUEL TANK (FOR GENERATOR, IF OVER 60 GALLONS)
- O BATTERY/ENERGY STORAGE SYSTEM
- O UNDERGROUND SYSTEM SERVING SPRINKLERS, STANDPIPES. AND/OR PRIVATE HYDRANTS
- SPRINKLER SYSTEM
- O STANDPIPE SYSTEM
- O FIRE PUMP
- O HOOD AND DUCT EXTINGUISHING SYSTEM
- ALARM SYSTEM

PREREQUISITE PLANS O PLANNING APPLICATION SF

- O METHANE MITIGATION SR:
- FUEL MODIFICATION PLAN SR: CONCEPTUAL FUEL MOD FOR PA3.4 UNDER SR542340 FIRE PROTECTION PLAN UNDER SR544568
- REVISION O ORIGINAL PLAN SR:

COPY OF ORIGINAL APPROVED PLAN REQUIRED TO BE SUBMITTED WITH ALL REVISED PLANS.

REVISION SCOPE OF WORK

PROJECT DIRECTORY

ARCHITECT/ENGINEER			
BUSINESS NAME: HUNSAKE	R & ASSOCIATES		
CONTACT NAME: JAKE SMIT	Н		
ADDRESS: THREE HUGHES			
CITY: IRVINE	STATE: CA	ZIP:	92618
PHONE: 949.988.5815			
EMAIL:			
PROPERTY OWNER/HOA			
BUSINESS NAME: PULTE GR	OUP		
CONTACT NAME:			
ADDRESS: 27401 LOS ALTOS	S, STE. 400		
CITY: MISSION VIEJO	STATE: CA	ZIP:	92691
PHONE: 949.349.8000			
EMAIL:			

<u>TENANT</u> **BUSINESS NAME:** CONTACT NAME: ADDRESS: CITY: PHONE: EMAIL:

STATE: ZIP:

ALAMPIC CONTRICTION FILE AUTHORITY MARGE COUNTY FIRE AUTHORITY MARGE COU		DESIGNED: 6		FPS 4	CHECKED: 3 3	FPS 2	DATE: 1 1 04/23/2024	SCALE:	SPECIFIED ON SHEET NO. DATE REVISIONS
AT RANCHO MISSION VIEJO PA 3 COMUNT RISK REDUCTION PLANING AND DEVELOPMENT SECTION	E FOLLOWING CH DEFERRED ICH DEFERRAL.	PLANS PREPARED BY:	OCFA REVIEW AND INSPECTIONS (OCFA US			LTIONS]		(949) 240-5911
			Y						COMMUNITY RISK REDUCTION - PLANNING AND DEVELOPMENT SECTION
			1					4	



NO.	DATE	REVISIONS	DRA	WING SCALE
1				
2				GRAPHIC SCALE 0 40' 80
3				1 inch = 40 ft.
4				



CIVIL ENGINEER:

HUNSAKER & ASSOCIATES IRVINE, INC 3 HUGHES IRVINE, CA 92618 (949) 583-1010





RANCHO MISSION VIEJO, CA 92694

28506 AIROSO STREET

(949) 240-5911

Pul 27401 LOS ALTOS MISSION VIEJO, O (949) 330-8511

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PREPARED FOR:

	LEC
	 EXISTING FIRE HYDRANT PER PREVIO FIRE MASTER PLAN SR542339. PROPOSED PUBLIC FIRE HYDRANT WI MARKER. MARKER SHALL BE PLACED 4" MIN. UNIT ADDRESSING (SEE ARCHITECTURAL PLAN FOR 300' HOSE PULL DISTANCE - FOR SING 300' HOSE PULL DISTANCE - FOR SING PAINT CURB RED WITH 'NO PARKII PER DETAILS HEREON AND OCFA INDICATES 'FIRE LANE-NO PARKING' S WAYFINDING ADDRESS LOCATIONS (I PROPOSED FIRE ACCESS ROAD WITH A DESIGNED, AT A MINIMUM, TO THE AAS EXISTING FIRE ACCESS ROAD NOT A PART OF FIRE ACCESS BUT DRIV
A LOT "KK" "J" O LOT 32 PLAN 1A PLAN 1A PLAN 1A PLAN 1A PLAN 1A PLAN 1A	ALL-WEATHER PAVED SURFACE DESIG AASHTO H-20 STANDARD PER THE RPF INDICATES PROPOSED STRUCTURES RESIDENTIAL CODE SECTION R337 INDICATES FIRE APPARATUS TURNING RADII: 20' WIDE PATH WITH 17' INSIDE AND 38' OUTSIDE
FIElds	CONSTRUC (1) INSTALL FIRE HYDRANT MARKER THAT SHALL BE (2) INSTALL INSTALL RED PAINTED CURB PER DETA (3) INSTALL 'FIRE LANE-NO PARKING' SIGN PER DETA (4) INSTALL WAYFINDING ADDRESS SIGN WITH 3" MIN APPROXIMATE LOCATIONS SHOWN; FINAL LOCAT SHOWN; FINAL LOCAT NOT APPROXIMATE LOCATIONS SHOWN; FINAL LOCAT (5) INSTALL 'FIRE PROTECTION SHOWN; FINAL LOCAT (6) INSTALL 'FIRE PROTECTION SHOWN; FINAL LOCAT (7) INSTALL 'FIRE PROTECTION PROTE
	Attachments used with this sul 3bFire Lane No Parkin 3cBegin / End Fire La 3gEnd of Fire Lane Id 3hWay Finding Signa 3iMounting Specifica 3 jRed Curb 6 aStreet Widths 10Hydrant Distributior 11Fire Flow Requirem 12 aFire Hydrant Location 12 bBlue Dot Hydrant M
	PLAN DESCRIPTION STORIES OCCUPANCY
	TYPEBUILDING PLAN #11R-3BUILDING PLAN #1X2R-3
	BUILDING PLAN #1X2R-3BUILDING PLAN #21R-3BUILDING PLAN #2X2R-3
	BUILDING PLAN #3 2 R-3
	MIN. FIRE FLOW AND FIRE HYD MINIMUM FIRE FLOW OF 1,000 GPM AT 20 LARGEST BUILDING OF APPROXIMATELY CONSTRUCTION. A MINIMUM OF FIVE (5) NO MORE THAN 600-FEET FROM HYDRAN FROM ANY BUILDING, AND NO MORE THA DEAD-END FIRE ACCESS ROAD.
	FIRE FLOW
	NOTE: A FIRE FLOW MODELING CALCU COMPLETED AND OBTAINED FROM TH PRIOR TO LUMBER DROP INSPECTION FLOW AT 20 PSI, AND SHALL BE PROV LUMBER DROP INSPECTION.
DS, STE. 400 , CA 92691	TITLE: FIRE MASTER RANCHO MISSIC RIENDA PA AQ42 VTTM 7 OCFA SR 54
(949) 240-3363	ORANGE COUNTY FIR

ORANGE COUNTY FI

LEGEND

R PREVIOUSLY APPROVED BACKBONE

DRANT WITH BLUE REFLECTIVE FIRE HYDRANT BE PLACED 6" FROM CENTERLINE OF STREET

PLAN FOR FINAL DESIGN AND LOCATIONS) - FOR SINGLE FAMILY BUILDING TO THE FRONT DOOR

NO PARKING FIRE LANE' STENCIL AT 30' O.C. ND OCFA GUIDELINE B-01

PARKING' SIGN PER DETAILS HEREON ON AND THE RPFPP

ATIONS (FINAL LOCATIONS BY OTHERS)

OAD WITH ALL-WEATHER PAVED SURFACE O THE AASHTO H-20 STANDARD PER THE RPFPP.

S BUT DRIVE WILL BE CONSTRUCTED WITH CE DESIGNED, AT A MINIMUM, TO THE R THE RPFPP.

RUCTURES MEETING THE 2022 CALIFORNIA

STRUCTION NOTES

SHALL BE PLACED 6" FROM CENTERLINE OF STREET.

PER DETAILS ON SHEET F-3. N PER DETAILS ON SHEET F-3.

WITH 3" MINIMUM FONT PER DETAIL ON SHEET F-3. INAL LOCATIONS BY OTHERS.



ECTION PROGRAM ATTACHMENTS approved by Orange County Fire Authority and Orange County and Amendment No. 1, dated: March 25, 2013; Amendment No. 2, No. 3, dated: March 31, 2022.

this submittal: lo Parking Signs Fire Lane Signs Lane Identification g Signage for Paseo Addresses pecifications for Fire Lane Signs and No Parking Signs

tribution Table equirement Table

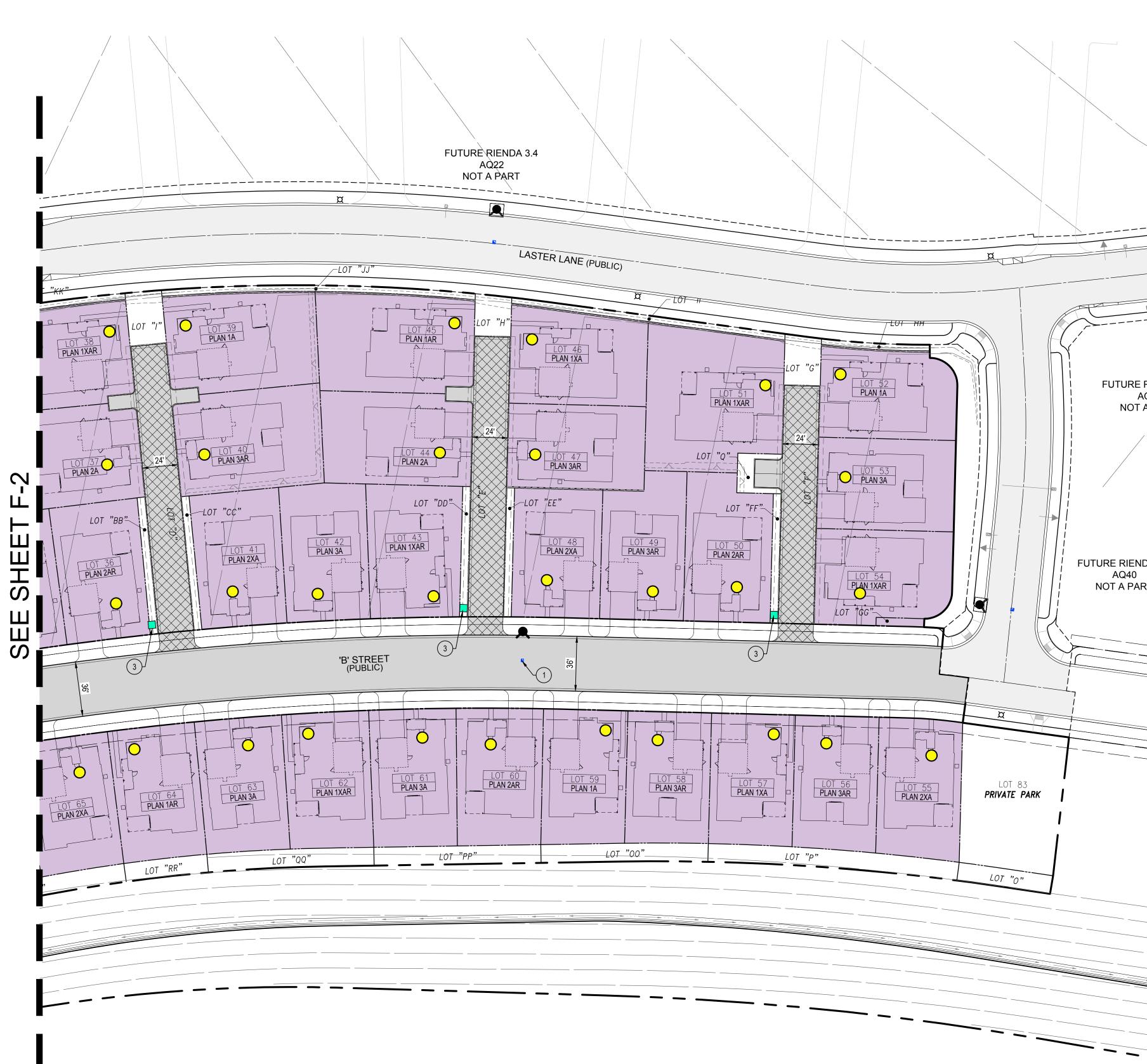
t Locations drant Marker Location

NFORMATION AND DATA JPANCY CONSTRUCTION AUTOMATIC FIRE YPE TYPE SPRINKLERS SQUARE FOOTAGE 1,848 SF NFPA 13D V-B 2,482 SF V-B NFPA 13D 1,917 SF V-B NFPA 13D 2,742 SF V-B NFPA 13D 2,873 SF NFPA 13D V-B E HYDRANT SPACING REQUIREMENTS

M AT 20PSI FOR 1 HOUR REQUIRED PER THE MATELY 2,873 SQ.FT. AND TYPE V-B IVE (5) FIRE HYDRANTS ARE REQUIRED SPACED HYDRANT TO HYDRANT, NO MORE THAN 300-FEET DRE THAN 250-FEET FROM THE END OF A

LOW TEST REQUIREMENT
CALCULATION AND FIRE FLOW TEST SHALL BE ROM THE SANTA MARGARITA WATER DISTRICT ECTION. THE FIRE FLOW TEST SHALL INDICATE THE PROVIDE TO OCFA PRIOR TO SCHEDULING THE

	DATE:
	04/23/2024
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A PA 3.4	SHEET:
TM 19309	
R 544569	F-2
Y FIRE AUTHORITY	2 OF 4



NO.	DATE	REVISIONS	DRA	WING SCALE
1				
2				GRAPHIC SCALE 40' 80'
3				1 inch = 40 ft.
4				



CIVIL ENGINEER:

HUNSAKER & ASSOCIATES IRVINE, INC 3 HUGHES IRVINE, CA 92618 (949) 583-1010







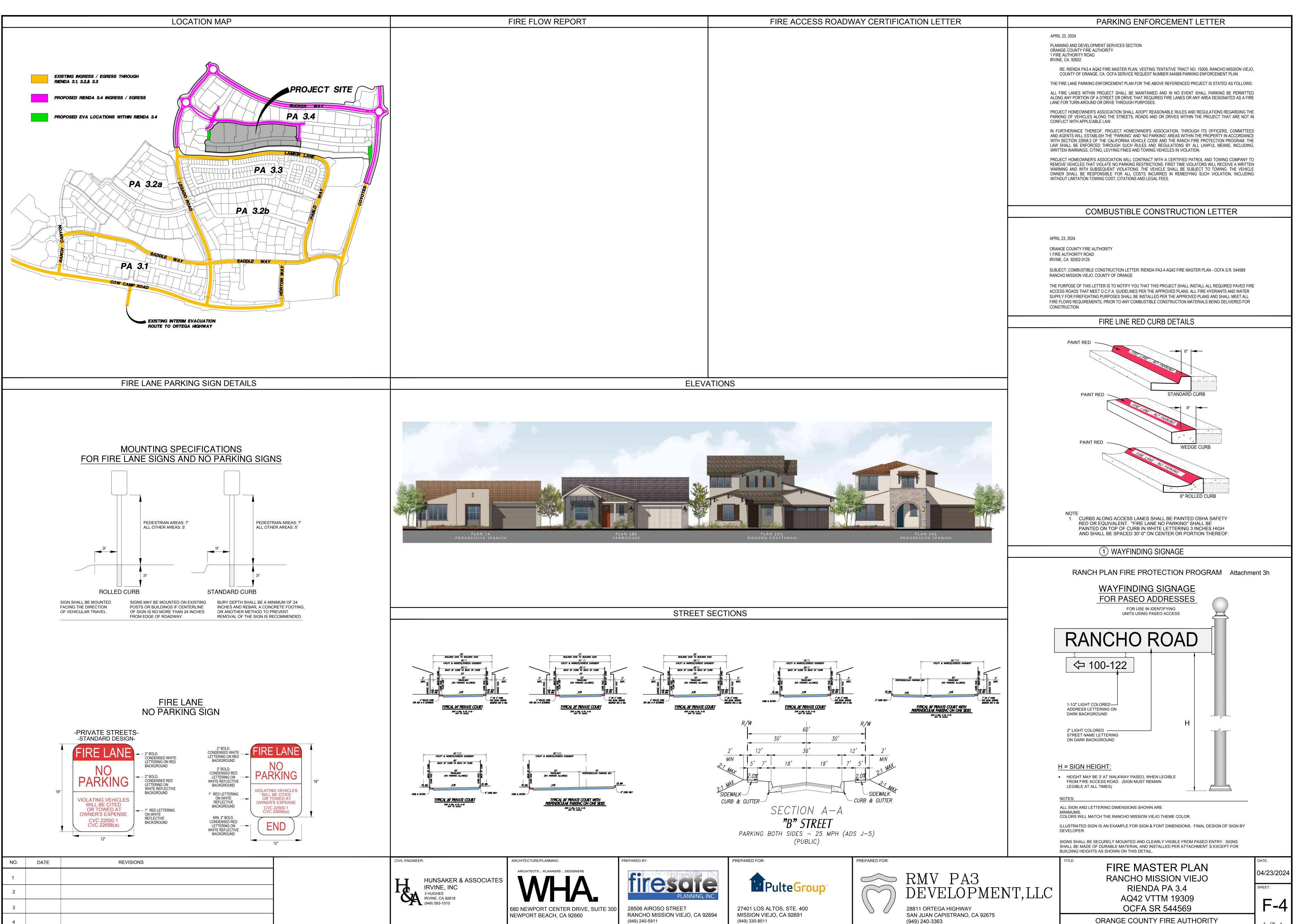
28506 AIROSO STREET RANCHO MISSION VIEJO, CA 92694 (949) 240-5911

			LEC	GEND		
FUTURE FILENDA 3.4 AO11 NOT A PART	FIRE M PROPO MARKE M	ASTER PLAN DSED PUBLIC ER. MARKER S AUDIT ADDE ARCHITECTU DSE PULL DIS DETAILS HER DETAILS HER NDING ADDRE DETAILS HER NDING ADDRE DSED FIRE ACCE PART OF FIRE EATHER PAVE TO H-20 STAND ATES PROPOS ENTIAL CODE ATES FIRE API ING RADII: 20' 17' INSIDE ANI CCC DRANT MARKE RED PAINTED IE-NO PARKIN DING ADDRES	RANT PER PREVIO SR542339. FIRE HYDRANT WI HALL BE PLACED RESSING JRAL PLAN FOR TANCE - FOR SING WITH 'NO PARKI EON AND OCFA NE-NO PARKING' S ESS LOCATIONS (I CESS ROAD WITH A MUM, TO THE AAS ESS ROAD EACCESS BUT DRIV D SURFACE DESIG DARD PER THE RPF SED STRUCTURES SECTION R337 PARATUS WIDE PATH D 38' OUTSIDE DNSTRUC CNSTRUC CURB PER DETAIL IG' SIGN PER DETAIL	USLY APPROVED BAG TH BLUE REFLECTIVE 6" FROM CENTERLINE FINAL DESIGN AND GLE FAMILY BUILDING NG FIRE LANE' STE GUIDELINE B-01 IGN PER DETAILS HE FINAL LOCATIONS BY ALL-WEATHER PAVED S HTO H-20 STANDARD F ALL-WEATHER PAVED S HTO H-20 STANDARD F MEETING THE 2022 O CTION NO PLACED 6" FROM CE LS ON SHEET F-3. ALLS ON SHEET F-3.	E FIRE HYDRANT E OF STREET D LOCATIONS) TO THE FRONT DOOR ENCIL AT 30' O.C. REON ON AND THE RPFF OTHERS) SURFACE PER THE RPFPP. CALIFORNIA DTES INTERLINE OF STREET.	P
ENDA 3.4 40 PART	RANCH	FIRE PF	ROTECTIO	NPROGRAM	И ATTACHMEN	ITS
	3b 3c 3g 3g 3h 3i 3i 3j 3j 6a 10 11 12a 12b 12b 12b 12b 12b 12b 12b Building Plan #1 Building Plan #1 Building Plan #2 Building Plan #2 Building Plan #3 MIN. FIRE FLOW LARGEST BUILDING	ated: July 31 and Amend ments use Fire L Begin End c Way I Moun Red C Red C Fire F Fire F Fire F Blue I BUILDI STORIES 1 2 2 0W AND V OF 1,00 OF APPF	A 2007 and Ame Iment No. 3, date ane No Parkin A End Fire Lane Id Finding Signating Specifica Curb t Widths ant Distribution Flow Requirem Address NG INFOR OCCUPANCY TYPE R-3 R-3 R-3 R-3 R-3 R-3 R-3 R-3	ndment No. 1, date ed: March 31, 2022 omittal: ng Signs ne Signs lentification ge for Paseo Ad tions for Fire Lar n Table nent Table ons farker Location MATION ANI CONSTRUCTION TYPE V-B V-B V-B V-B V-B V-B V-B V-B V-B V-B	Idresses ne Signs and No P DDATA AUTOMATIC FIRE SPRINKLERS NFPA 13D NFPA 13D	Arking Signs SQUARE FOOTAGE 1,848 SF 2,482 SF 1,917 SF 2,742 SF 2,873 SF MENTS R THE
PREPARED FOR: PulteGroup TOS, STE. 400 JO, CA 92691	RA	FEET FR G, AND NG CESS ROA FII OW MODE D OBTAIN ER DROP AND SHA NSPECTIO RE M NSPECTIO RIE AQ42 OCF	AD. RE FLOW ELING CALCU ED FROM THIS INSPECTION AD. IASTEI MISSIC NDA PA NDA PA VTTM A SR 54	TEST REQUI JLATION AND F IE SANTA MAR J. THE FIRE FLO IDE TO OCFA F N VIEJO 3.4 19309 4569	T, NO MORE THA ROM THE END OF IRE FLOW TEST GARITA WATER I OW TEST SHALL PRIOR TO SCHED	N 300-FEET A SHALL BE DISTRICT NDICATE THE
JU, CA 92691 SAN JUAN CAPISTRANO, CA 92675 (949) 240-3363	ORAN	GE COl	JNTY FIRI	E AUTHORI	TY	3 OF 4

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V TEST REQUIREMENT
CULATION AND FIRE FLOW TEST SHALL BE THE SANTA MARGARITA WATER DISTRICT ON. THE FIRE FLOW TEST SHALL INDICATE THE OVIDE TO OCFA PRIOR TO SCHEDULING THE

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4 OF 4