

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

	UG							
F.D. Pe	ermit Number		Date					
Descr	iption of Work:							
Project Name:		Address:						
Suite: City:		Zip:						
Contractor:		Contractor's License/Type #:						
Address:		City:	State: Zip:					
Contact Person:		Phone No. ():	Email:					
OFFICE USE ONLY: DO NOT COMPLETE BELOW THIS LINE								
to ens	sure compliance with the minimum Code and the 2019 NFPA 24. The f	code requirements related to following selected comments		California				
Ц			of 30 inches from top of pipe to finished greer wire and/or tape provided. (NFPA 24 10					
		and contain no ashes, cinders	of clean fill sand or pea gravel to a minimu, refuse, organic matter or other corrosive					
	PVC pipe shall be a minimum o	f C900 Class 200 [DR-14]. (C	CCFPD Standard FPS-014)					
	All piping, valves, joints and fittings shall be listed for fire protection service and shall be installed, supported, anchored, cleaned, coated with an approved mastic, not tar, and/or wrapped with a corrosion-retarding material in accordance with the manufacturer's specifications as applicable. (NFPA 24 10.6.2.5)							
	Installation of the FDC shall incl transition to galvanized pipe bel		erground piping to a point above grade, and PA 24 10.1.1.3)	d then may				
	The fire department connection (FDC) shall be offset from the post indicator valve (PIV) by not less than 3 feet. The PIV & FDC shall be located 3 feet from nearby objects including high growth or dense vegetation, to maintain visibility and accessibility at all times. (NFPA 24 5.9.5.1, CFC 912.4.2 and CCCFPD Standard FPS-014)							
	The FDC shall be set at a height of between 32 and 40 inches and the PIV shall be set so that the top of the post will be 36" above finished grade. Both shall be properly supported and protected from mechanical damage and FDC provided caps. (NFPA 24 5.9, 6.3.1)							
			(CONTIN	UED OVER)				
Fee computed by:			Amount Due: \$					
Received by:			Amount Received: \$					
	□ Cash □ Credit □ Ch	eck No.	Invoice No.					

	The FDC/PIV shall be affixed with an approved permanent sign as to the address being served. The sign shall have at least 1 inch numbers on contrasting background. Where there is no specific address, the area, building, portion thereof shall be identified on the sign. (NFPA 24 5.9.5.3)							
	Provide a concrete footing with restraining rods at the base of the PIV. Provide chain and/or breakaway locks for the PIV and backflow prevention devices. (NFPA 24 10.8.10 and CCCFPD Standard FPS-014)							
	Provide single check valve (swing or wafer) located in an approved location on the supply side of the PIV and FD when private fire service mains serve fire hydrants. Provide an approved valve box.							
	Pipe installed under the building or building foundation shall not contain mechanical joints. Provide continuous connection from outside the building to bottom of riser. Provide minimum of 2 inches' annular clearance with sleeve around entire pipe penetration of foundation, floor, or pavement. (NFPA 24 10.4.3.1.1, as amended in CFC Chapter 80)							
	Prior to the sprinkler riser hookup to above ground piping, or acceptance of hydrant system, this Office shall witness a hydrostatic test of not less than 200 psi pressure for 2 hours and flush of the entire underground system. Required for the flush shall be burlap sacks or equivalent (with de-chlorination tablets) to strain the hose outlet(s). Adequate drainage shall be available to accept a minimum of five minutes' flow per 100 feet of pipe at the required flush flow rate. It is the responsibility of the applicant to obtain all necessary approvals prior to release of water to the environment. (NFPA 24 10.10.2.1)							
	Provide underground electrical conduit for the connection tamper switches to supervise all the valves controlling water supply to sprinkler systems and/or private hydrants. This includes both PIVs and back-flow prevention assemblies. (NFPA 24 6.7.2 and CFC 903.4)							
	Installing contractor shall complete and provide a copy of the Contractor's Material and Test Certificate for Private Fire Service Mains form to the Fire District at the conclusion of the hydrostatic test and flush inspection. (NFPA 24 10.10.1)							
CONTACT THE FIRE DISTRICT (MINIMUM 2 WORKING DAYS IN ADVANCE) AT 925-941-3300 ext. 3902 TO SCHEDULE THE FOLLOWING INSPECTIONS AND TESTS. (CFC 507.4)								
			ual (to verify path of trav ver and thrust block dime		nection to the building, location of PIV/FCD,			
		Prior to the v	drostatic Test (200 PSI fo vitnessing of the Hydrost Il piping shall be ("center	atic Test, all Thrust	Blocks shall be poured, cured, and visible.			
	Underground Flush. Required minimum flow rate to obtain 10 feet per second. (NFPA 24 10.10.2): ■ 4" diameter pipe 390 GPM = (2) 2-1/2" hose ■ 6" diameter pipe 880 GPM = (1) 4" hose ■ 8" diameter pipe 1,560 GPM = (1) 4" hose (Hose length < 50 feet)							
On the morning of the inspection, a confirmation telephone call made to the Fire District at 925-941-3300 is necessary between 8:00 and 8:30 AM. Otherwise, the inspection will be cancelled.								
Approval does not relieve the designer / contractor from complying with all applicable fire code requirements, nor does it abrogate the requirements of other authorities having jurisdiction.								
П Арр	roved a	s submitted	☐ Approved with	Comments	☐ Denied, Resubmittal Required			
Review	ed by: _			Date:				