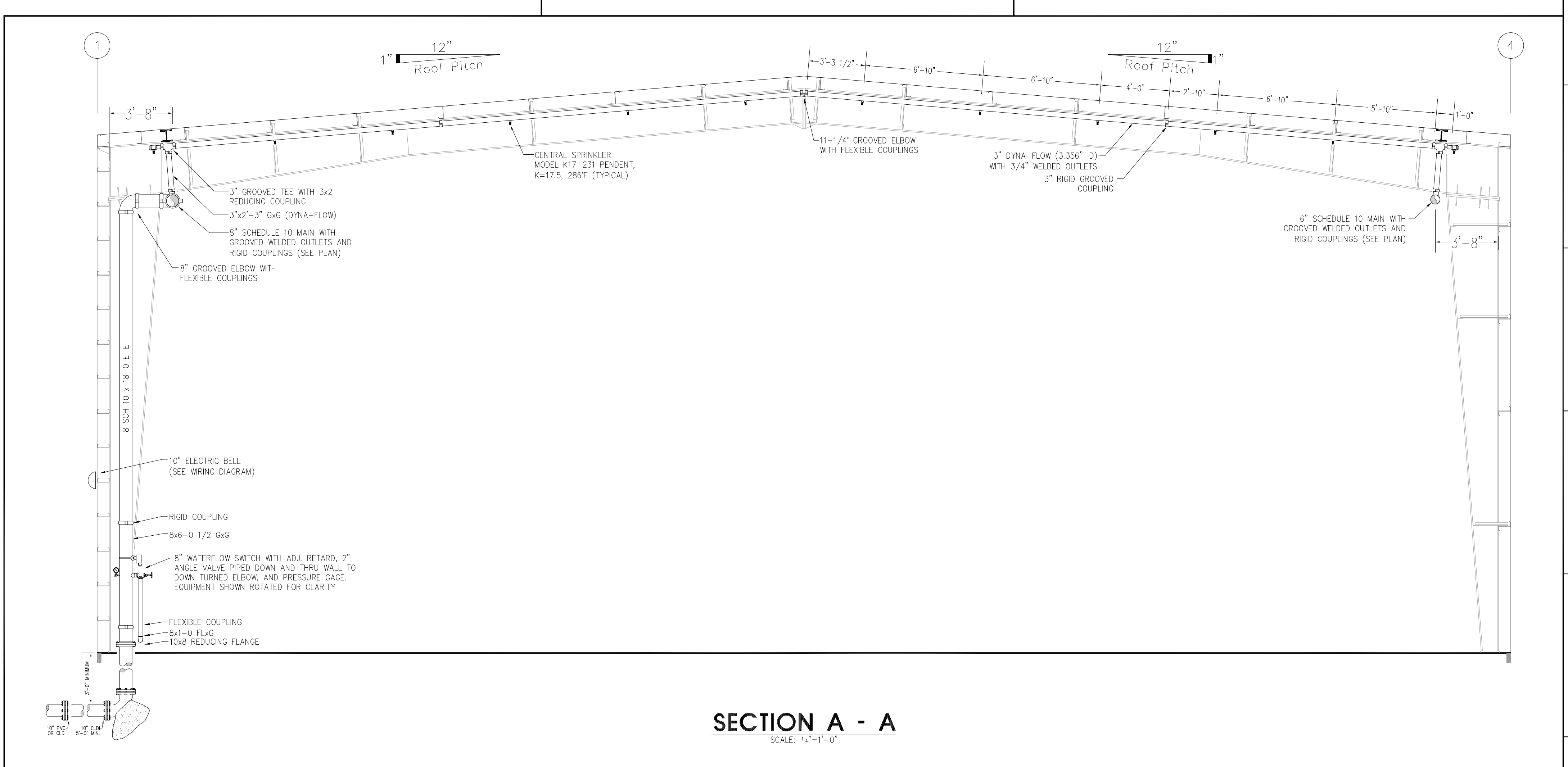
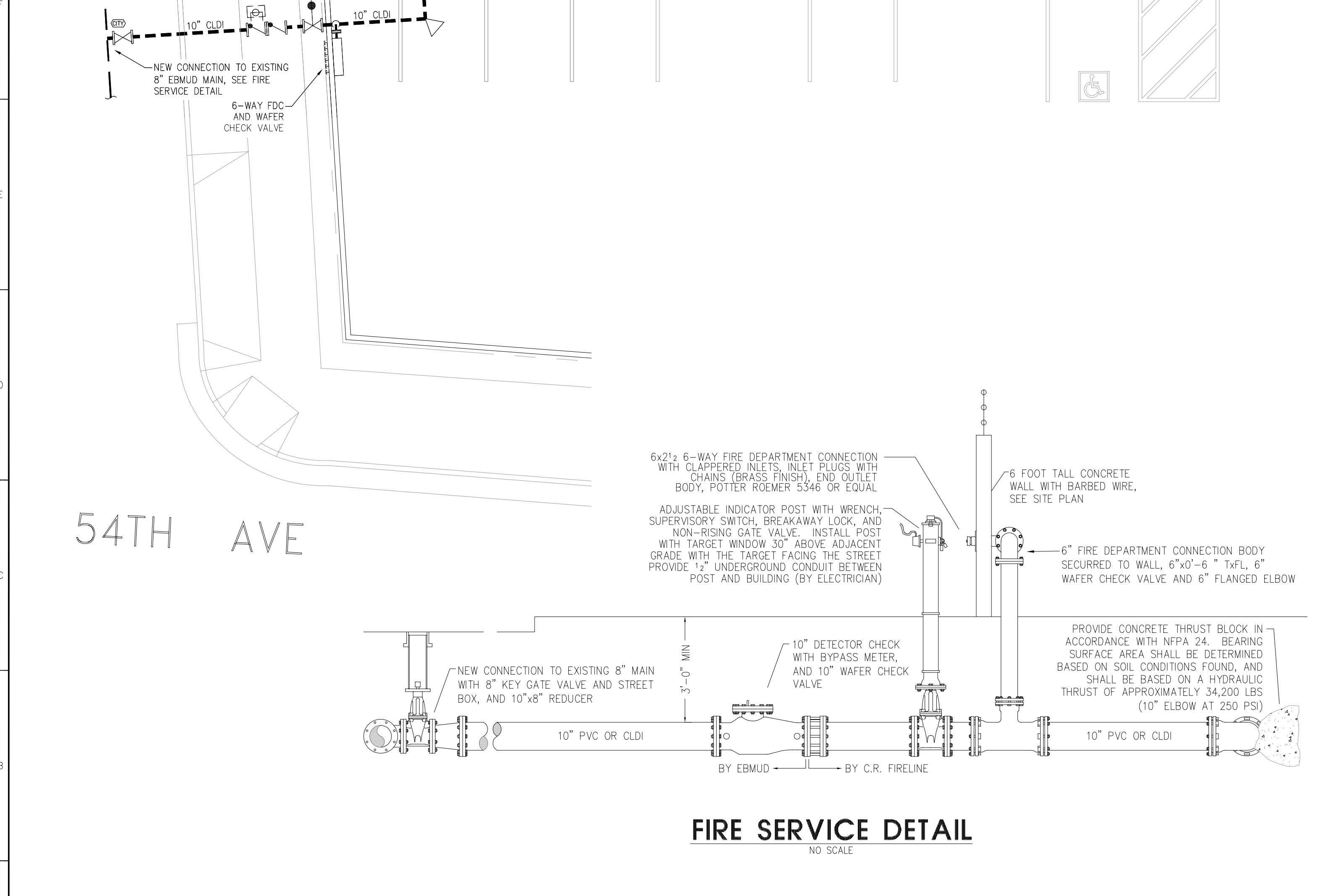


- GENERAL NOTES:**
- 1) ALL PIPING 2" AND LESS IS SCHEDULE 40 BLACK OR THREADABLE THINWALL. 3" PIPING IS DYNA-FLOW WITH WELDED OUTLETS AND GROOVED FITTINGS (PIPE I.D. = 3.356"). 6" AND 8" ABOVEGROUND PIPING IS SCHEDULE 10 WITH WELDED OUTLETS AND GROOVED FITTINGS. 10" UNDERGROUND PIPING IS C-900 PVC OR CEMENT LINED DUCTILE IRON WITH MECHANICAL JOINTS AND CONCRETE THRUST BLOCKS.
  - 2) ALL MATERIALS AND EQUIPMENT TO BE NEW AND UL LISTED AND/OR FM APPROVED FOR FIRE PROTECTION SERVICE.
  - 3) ALL WIRING AND PAINTING OF PIPE TO BE PROVIDED BY OTHERS.
  - 4) THE SYSTEM HAS BEEN DESIGNED FOR THE PALLETIZED STORAGE OF GROUP "A" PLASTICS TO A MAXIMUM HEIGHT OF 25'-0" (NONEXPANDED, STABLE, EXPOSED) WITH A MAXIMUM ROOF HEIGHT OF 33'-5". IN ACCORDANCE WITH NFPA 231 - 1995, STANDARD FOR GENERAL STORAGE, THE DESIGN DISCHARGE DENSITY IS 1.10 GPM PER SQ FT OVER THE HYDRAULICALLY MOST DEMANDING 2,500 SQ FT USING EXTRA LARGE ORIFICE, HIGH TEMPERATURE SPRINKLERS. AN INSIDE HOSE ALLOWANCE OF 50 GPM WAS ADDED AT THE POINT OF COMMON SUPPLY, AND A 450 GPM OUTSIDE HOSE STREAM ALLOWANCE WAS PROVIDED.
  - 5) SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 - 1996, NFPA 231 - 1995, THE CITY OF OAKLAND CALIFORNIA, AND THE REQUIREMENTS OF THE EAST BAY MUNICIPAL UTILITIES DISTRICT.



	WATER SUPPLY INFORMATION - WATER MAINS		REVISIONS:	
	STATIC 75	RESIDUAL 71	FLOW 1,35.3	DATE 9/28/99
	LOCATION OF TEST: Hydrant #1267		ELEVATION OF WATER SOURCE (OR TEST): 0	
	SOURCE OF INFORMATION: EBMUD		OCCUPANCY Storage	

PIPE UNLESS MARKED OTHERWISE		SPRINKLER HEADS												
DIAMETER	TYPE	DIAMETER	TYPE	SYMBOL	TYPE	METAL	TEMP	K	ORIFICE	NPT	MAKER	MODEL	COUNT	ESCUTCHEON
1"	XL	2-1/2"	XL	●	Pendent	Chrome	155	5.6	1/2"	1/2"	CENTRAL	A	18	2 Piece Adj. White
1-1/4"	XL	3"	DYNA	○	Upright	Brass	286	5.6	1/2"	1/2"	CENTRAL	A	11	
1-1/2"	XL	4"	10	●	Pendent	Brass	286	17.5	.775	3/4	CENTRAL	K17-231	126	

Plastics Warehouse  
Oakland, California

**Fire Sprinkler System Plans and Details**

Project: 4/5/00  
Date: 4/5/00  
SCALE: 1/8" = 1'-0"  
**FS-1**  
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