

Appendix IS-13

SAR Report



City of Los Angeles

Los Angeles Department of Water and Power - Water System



SAR NUMBER 64166

Fire Service Pressure Flow ReportSERVICE NUMBER **625693**For: 713 E 5TH ST Approved Date: 12-14-2017

Proposed Service 6 INCH off of the
8 inch main in 5TH ST on the NORTH side approximately
92 feet WEST of WEST of STANFORD AV The System maximum pressure is
90 psi based on street curb elevation of 256 feet above sea level at this location.

The distance from the DWP street main to the property line is 55 feet

System maximum pressure should be used only for determining class of piping and fittings.

Residual Flow/Pressure Table for water system street main at this location

Flow (gpm)	Press. (psi)	Flow (gpm)	Press. (psi)	Flow (gpm)	Press. (psi)
0	65				
365	64				
530	63				
660	62				
775	61				
875	60				
965	59				
1045	58				
1125	57				
1200	56				
1270	55				
1335	54				
1400	53				

Meter Assembly Capacities

Domestic Meters	
1 inch =	56 gpm
1-1/2 inch =	96 gpm
2 inch =	160 gpm
3 inch =	220 gpm
4 inch =	400 gpm
6 inch =	700 gpm
8 inch =	1500 gpm
10 inch =	2500 gpm

Fire Service	
2 inch =	250 gpm
4 inch =	600 gpm
6 inch =	1400 gpm
8 inch =	2500 gpm
10 inch =	5000 gpm

FM Services	
8 inch =	2500 gpm
10 inch =	5000 gpm

These values are subject to change due to changes in system facilities or demands.

Notes: Ok to sell combo (6-in FS W/4-in DS). The results do not reflect fire hydrants that may be required by the fire department. If additional water demands are needed, then main line replacement may be necessary.

This information will be sent to the Department of Building and Safety for plan checking.

This SAR is valid for one year from 12-14-17. Once the SAR expires, the applicant needs to re-apply and pay applicable processing fee.

For additional information contact the Water Distribution Services Sector **CENTRAL (213) 367-1216**AIDA FITTON
Prepared byAIDA FITTON
Approved by126-213
Water Service Map