

# **SIZING WATER SERVICE LINES AND METERS** **SANGRE DE CRISTO WATER DIVISION - CITY OF SANTA FE**

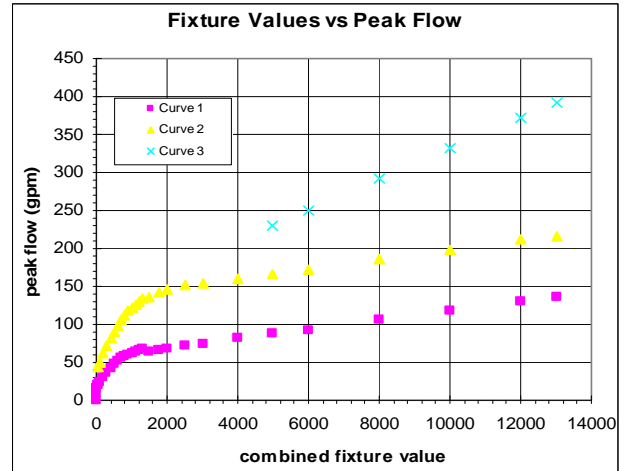
Customer:

Address:

Contact:

Phone:

Occ. Type:



Fixture	Fixture Value @ 60 psi	Number of Fixtures	Fixture Value
Bathtub	8		0
Bedpan Washer	10		0
Bidet	2		0
Dental Unit	2		0
Drinking Fountain - Public	2		0
Kitchen Sink	2.2		0
Lavatory	1.5		0
Shower Head (Shower Only)	2.5		0
Service Sink	4		0
Toilet - Flush Valve	35		0
Toilet - Tank	4		0
Urinal - Pedestal Flush Valve	35		0
Urinal - Wall Flush Valve	16		0
Urinal - Trough (2' Unit)	2		0
Wash Sink (Each Set of Faucets)	4		0
Dishwasher	2		0
Washing Machine	6		0
Washing Machine - 3/4" Connect	12		0
Washing Machine - 1" Connect	25		0
Hose Connect (Wash Down) - 1/2"	6		0
Hose Connect (Wash Down) - 3/4"	10		0
Hose (50' Wash Down) - 1/2"	5		0
Hose (50' Wash Down) - 5/8"	9		0
Hose (50' Wash Down) - 3/4"	12		0
Comined Fixture Value Total			0

Pressure Factor	
35	0.74
60 Base	1.00
80	1.17
100	1.34

Size	Max Flow	Design	Continuous
5/8"	20	16	10
3/4"	30	24	15
1"	50	40	25
1-1/2"	80	80	50
2"	160	130	80
3"	320	255	160
4"	500	400	250
6"	1000	800	500
8"	1600	1300	800

**NATURE OF WATER USE**  
 (based on AWWA Manual M22 Definitions)

(1) Domestic Use- No Irrigation: Apartments, Motels, Condominiums, Trailer Parks

(2) Domestic Use- No Irrigation: Hotels, Shopping Ctrs, Restaurants, Public Schools, Police Buildings, Hospitals

(3) Domestic Use- Residential Suburb

Select Nature Of Water Use (1, 2, or 3)

Customer Peak Demand @ 60 psi  NATURE OF USE MUST BE INPUT AS DISPLAYED

Press. Adj. Factor (pressure/factor)  60 1.00

Customer Peak Demand, gpm

Irrigation, number of hoses

Irrigation, size of hoses (ID = 1/2", 5/8", or 3/4")

Irrigation Demand, gpm  0

Fixed Load, gpm  0

**TOTAL DEMAND, gpm**  0

Legend:  
 = Worksheet Input

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