Load Values

FIXTURE	OCCUPANCY	SUPPLY CONTROL	COLD	HOT	TOTAL	FIXTURE COUNT Level 1	Level 2	Level 3	Level 4		
Bathroon Group	Private	Flush Tank	2.70	1.50	3.60						
Bathroon Group	Private	Flush Valve	6.00	3.00	8.00						
Bathtub	Private	Faucet	1.00	1.00	1.40						
Bathtub	Public	Faucet	3.00	3.00	4.00						
Bidet	Private	Faucet	1.50	1.50	2.00						
Combination Fixture	Private	Faucet	2.25	2.25	3.00						
Dishwashing Machine	Private	Automatic		1.40	1.40						
Drinking Fountain	Officies	3/8" Valve	0.25		0.25						
Kitchen Sink	Private	Faucet	1.00	1.00	1.40						
Kitchen Sink	Hotel, restaraunt	Faucet	3.00	3.00	4.00						
LaundryTrays 1-3	Private	Faucet	1.00	1.00	1.40						
Lavatory	Private	Faucet	0.50	0.50	0.70						
Lavatory	Public	Faucet	1.50	1.50	2.00						
Service Sink	Offices, ect.	Faucet	2.25	2.25	3.00						
Hose Bib (2009IPC, pg.40)	Private Car Wash 100 gpm	Faucet	5.00		5.00	80					
Hose Bib (2009IPC, pg.40) ea additional	Private	Faucet	2.50		2.50						
Shower Head	Public	Mixing Valve	3.00	3.00	4.00						
Shower Head	Private	Mixing Valve	1.00	1.00	1.40						
Urinal	Public	1" Flush Valve	10.00		10.00						
Urinal	Public	3/4" Flush Valve	5.00		5.00						
Urnial	Public	Flush Tank	3.00		3.00						
Washing Machine (8lb)	Private	Automatic	1.00	1.00	1.40						
Washing Machine (8lb)	Public	Automatic	2.25	2.25	3.00						
Washing Machine (15lb)	Public	Automatic	3.00	3.00	4.00						
Water Closet	Private	Flush Valve	6.00		6.00						
Water Closet	Private	Flush Tank	2.20		2.20						
Water Closet	Public	Flush Valve	10.00		10.00						
Water Closet	Public	Flush Tank	5.00		5.00						
Water Closet	Public or Private	Flushmeter Tank	2.00		2.00						
Hand Sink	**Hotel, restaraunt**	Faucet	1.50	1.50	2.00						
Sink	**Hotel, restaraunt**	Faucet	1.50	1.50	2.00						
Under Bar Sink	**Hotel, restaraunt**	Faucet	1.50	1.50	2.00						
Glass Rinser	**Hotel, restaraunt**	Faucet	0.50		0.50						
Ice Maker	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Bib Carbonator	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Ice Tea Brewer	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Coffee Maker	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Glass Filler	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Dishwashing Machine	**Hotel, restaraunt**	Automatic		2.00	2.00						
Mop Basin Sanitizer	**Hotel, restaraunt**	Manual	0.50		0.50						
Glass Washer	**Hotel, restaraunt**	3/8" Valve	0.50		0.50						
Add-On Unit	**Hotel, restaraunt**	Faucet	0.50		0.50						
					TOTAL	400.00	0.00	0.00	0.00	0.00	0.00

TAP SIZE	DISTRIBUTION SIZE	MAXIMUM LENGTH	MAXIMUM FIXTURES ALLOWED	BUILDING FIXTURES	REMAINING FIXTURES
2	3	150	#N/A	400.00	#N/A

MINIMUM SIZE OF WATER SERVICE LINES AND DISTRIBUTION PIPING

METER AND SERVICE PIPE - inches	DISTRIBUTION PIPE - inches	MAXIMUM DEVELOPMENT LENGTH - feet									
PRESSURE RANGE 50 TO 60		40	60	80	100	150	200	250	300	400	500
3/4	3/4	9.5	9.5	9.5	9.5	7.5	6	5	4.5	3.5	3
3/4	1	32	32	32	32	32	24	19.5	15.5	11.5	9.5
1	1	32	32	32	32	32	28	28	17	12	9.5
3/4	1 1/4	32	32	32	32	32	32	32	32	32	30
1	1 1/4	80	80	80	80	80	80	69	60	46	36
1 1/2	1 1/4	80	80	80	80	80	80	76	65	50	38
1	1 1/2	87	87	87	87	87	87	87	87	87	84
1 1/2	1 1/2	151	151	151	151	151	151	151	144	114	94
2	1 1/2	151	151	151	151	151	151	151	151	118	97
1	2	87	87	87	87	87	87	87	87	87	87
1 1/2	2	275	275	275	275	275	275	275	275	275	252
2	2	365	368	368	368	368	368	368	368	318	273
2	2 1/2	533	533	533	533	533	533	533	533	533	533
3	3	1100	1100	1100	1100	1100	1100	1100	1100	988	852