

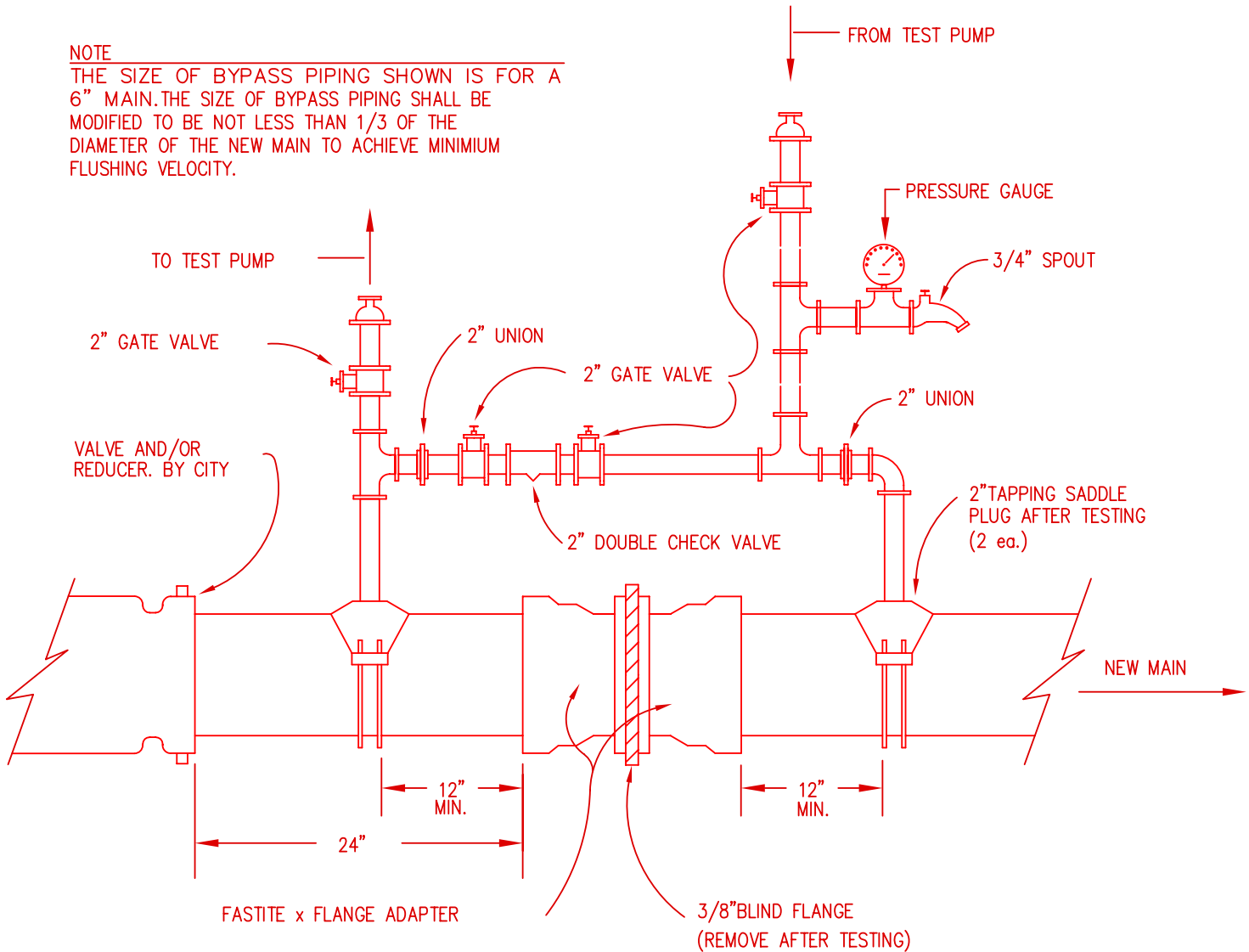
FLOW AND OUTLET OPENINGS TO FLUSH PIPE

PIPE DIAMETER IN.	FLOW REQUIRED TO PRODUCE 2.5 FT/S (APPROX) VELOCITY IN MAIN	SIZE OF TAP, IN.			NUMBER OF 2 1/2 IN. HYDRANT OUTLETS
		1"	1 1/2"	2"	
4	100	1	—	—	1
6	200	—	1	—	1
8	400	—	2	1	1
10	600	—	3	2	1
12	900	—	—	2	2
16	1600	—	—	4	2

(PER AWWA C651-92)

NOTE

THE SIZE OF BYPASS PIPING SHOWN IS FOR A 6" MAIN. THE SIZE OF BYPASS PIPING SHALL BE MODIFIED TO BE NOT LESS THAN 1/3 OF THE DIAMETER OF THE NEW MAIN TO ACHIEVE MINIMUM FLUSHING VELOCITY.



FOR NEW WATER MAIN CONSTRUCTION



DEPARTMENT OF CITY SERVICES

STANDARD DETAIL 410

APPROVED DATE

Testing Block
and Bypass