

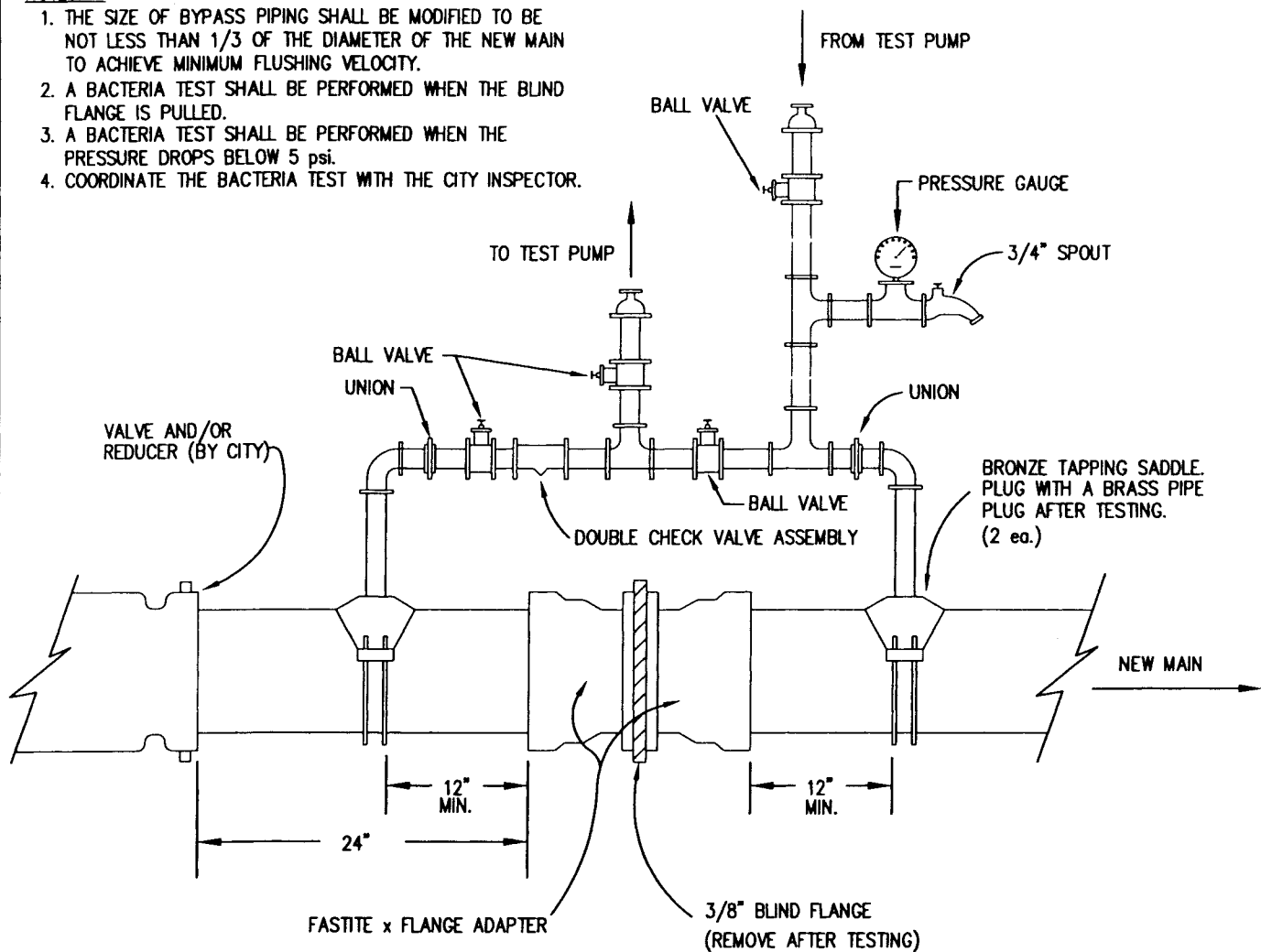
FLOW AND OUTLET OPENINGS TO FLUSH PIPE

PIPE DIAMETER IN.	FLOW REQUIRED TO PRODUCE 2.5 FT/S (APPROX) VELOCITY IN MAIN GPM	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
GREATER THAN 12"		SPECIAL DESIGN			

(PER AWWA C651-92)

NOTES:

1. 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.
2. A BACTERIA TEST SHALL BE PERFORMED WHEN THE BLIND FLANGE IS PULLED.
3. A BACTERIA TEST SHALL BE PERFORMED WHEN THE PRESSURE DROPS BELOW 5 psi.
4. COORDINATE THE BACTERIA TEST WITH THE CITY INSPECTOR.



FOR NEW WATER MAIN CONSTRUCTION

**TESTING BLOCK
AND BYPASS**

DATE	REVISIONS	BY

CITY OF YUBA CITY	
STANDARD DETAIL	
W12	
 APPROVED	7/21/09 DATE