

City Engineer

Date

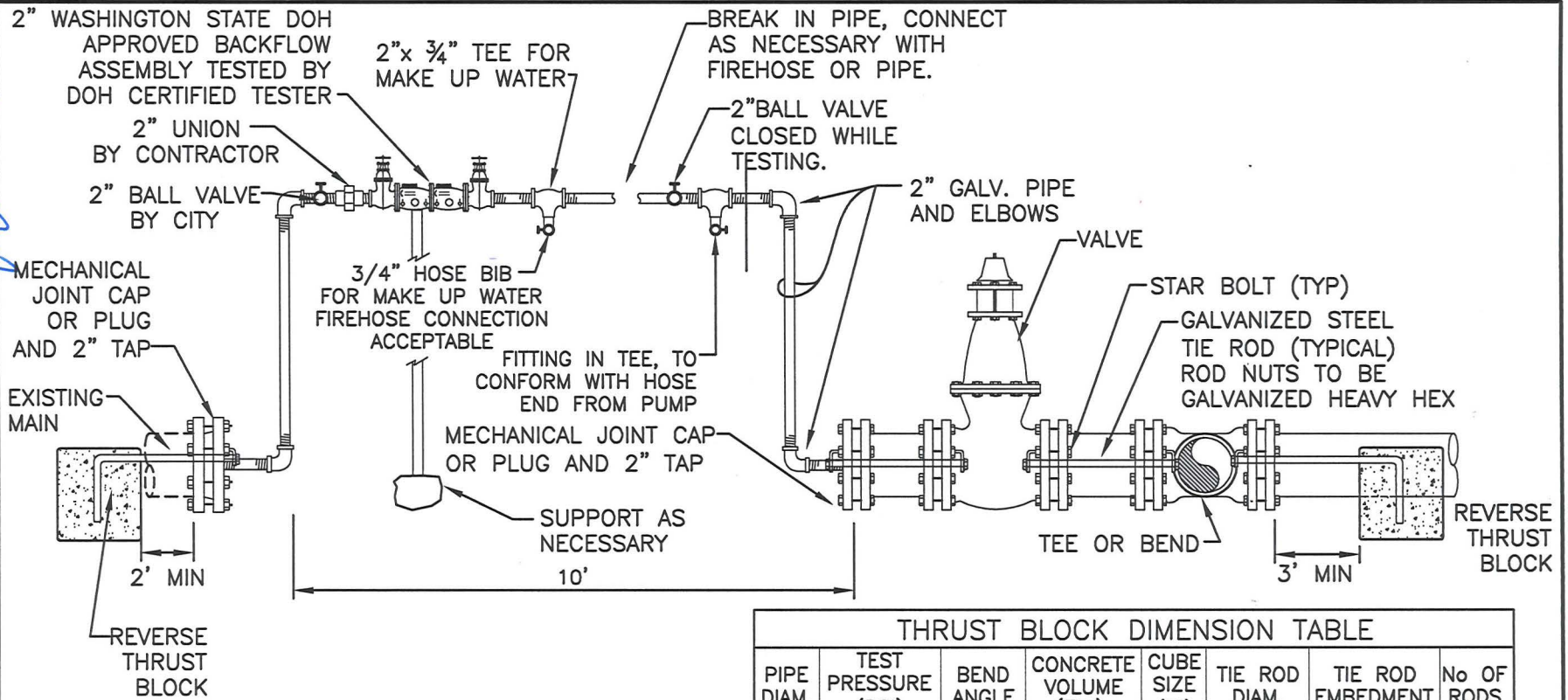
APPROVED

CITY OF BELLINGHAM

DRAWING

PRESSURE TEST CHARGE

WA-858



BLOCKING FOR CONNECTION

NOTE:
MINIMUM 3000 PSI CONCRETE TO BE USED ON THRUST BLOCKS, TO BEAR AGAINST FIRM UNDISTURBED GROUND.

NOTE:
CROSS CONNECTION CONTROL DEVICE SHALL BE TESTED PRIOR TO ACTIVATION OF MANIFOLD AS PER AWWA CROSS CONNECTION MANUAL CHAPTER 9(E)(1).

THRUST BLOCK DIMENSION TABLE

PIPE DIAM.	TEST PRESSURE (PSI)	BEND ANGLE	CONCRETE VOLUME (Ft ³)	CUBE SIZE (Ft)	TIE ROD DIAM.	TIE ROD EMBEDMENT	No OF RODS
4"	200	11 1/4°	6	1.8	3/4"	17"	2
		22 1/2°	12	2.3			
		45°	22	2.8			
6"	200	11 1/4°	14	2.4	3/4"	17"	2
		22 1/2°	27	3.0			
		45°	50	3.7			
8"	200	11 1/4°	25	2.9	3/4"	17"	2
		22 1/2°	48	3.6			
		45°	89	4.5			
10"	200	11 1/4°	38	3.4	3/4"	17"	4
		22 1/2°	75	4.2			
		45°	139	5.2			
12"	200	11 1/4°	55	3.8	3/4"	17"	4
		22 1/2°	108	4.8			
		45°	200	5.8			
14"	200	11 1/4°	75	4.2	3/4"	17"	6
		22 1/2°	147	5.3			
		45°	272	6.5			
16"	200	11 1/4°	98	4.6	3/4"	17"	8
		22 1/2°	192	5.8			
		45°	355	7.1			