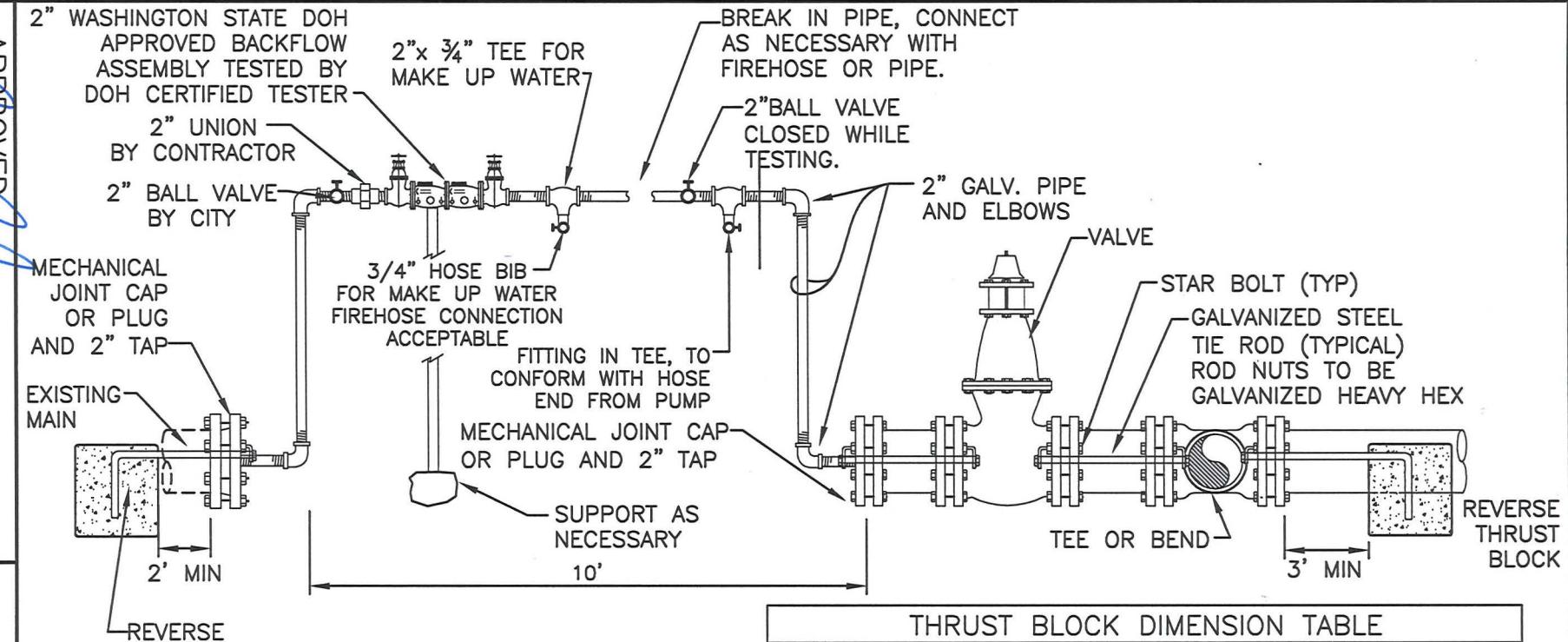


APPROVED
City Engineer

3/9/12
Date

CITY OF BELLINGHAM
PRESSURE TEST CHARGE
MANIFOLD

DRAWING
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 DIA.	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			