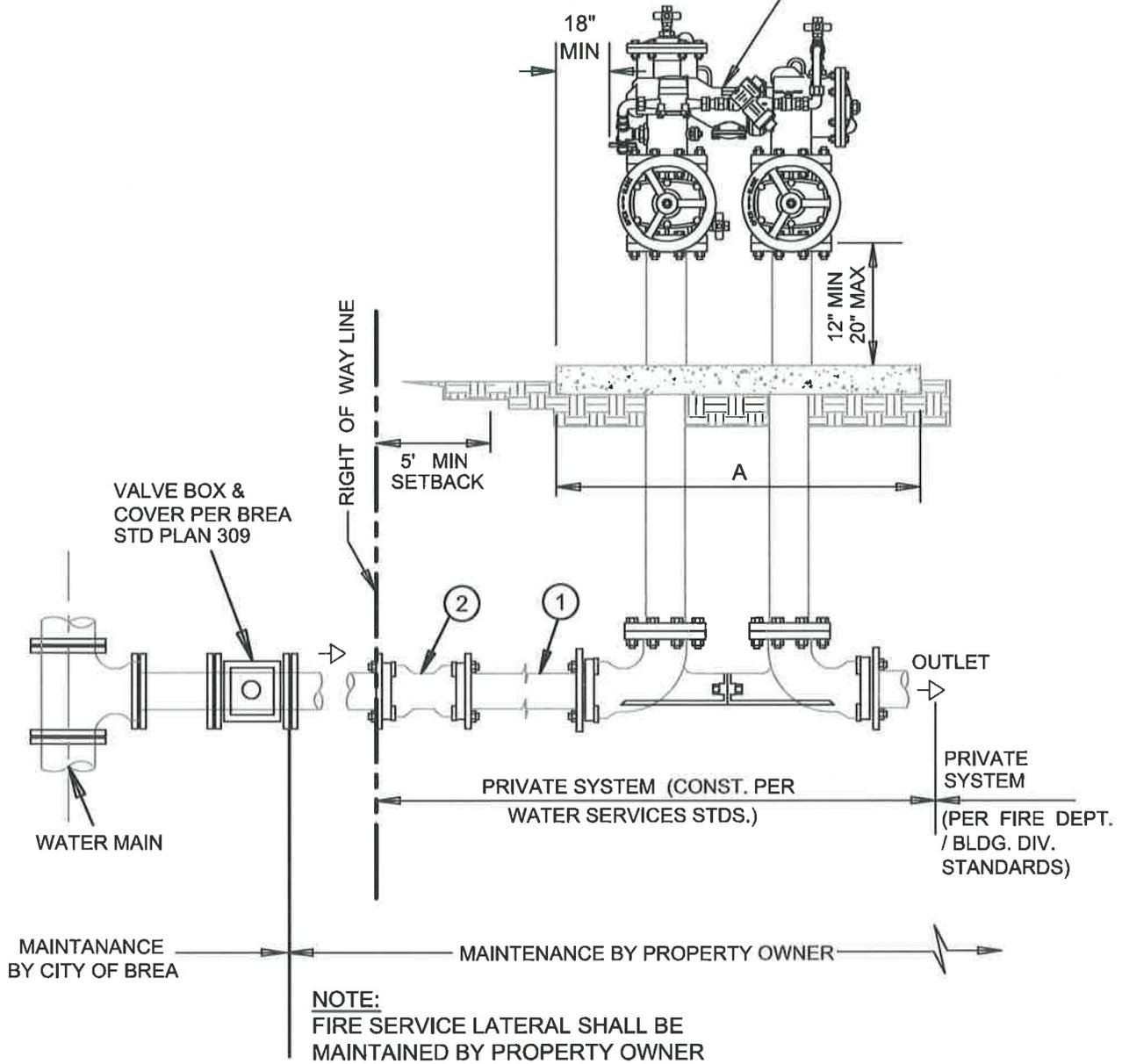


BACKFLOW DOUBLE CHECK DETECTOR  
 ASSEMBLY OR REDUCED PRESSURE  
 PRINCIPAL DETECTOR ASSEMBLY  
 FEBCO 876 TYPE N, OR APPROVED EQUAL



**FRONT ELEVATION VIEW**



**DOUBLE DETECTOR CHECK  
 (COMPACT BACKFLOW PREVENTION ASSEMBLY 4" TO 10" SIZE)**

APPROVED: *[Signature]*  
 CITY ENGINEER

DATE: 10-15-2013

STD. PLAN NUMBER  
**320-0**  
 SHEET 1 OF 2

LIST OF MATERIALS	
ITEM	PIPE
①	PIPE SIZE X FIELD LENGTH D.I. SPOOL, P.E. X P.E. (TYP.)
②	D.I. SOLID SLEEVE M.J. X M.J. (SEE NOTE 11). M.J.'S SHALL BE RESTRAINED PER BREA STD 312.
③	CONCRETE PAD 4" THICK, SIZE AS INDICATED HEREIN. CLASS 520-C-2500 CONCRETE.

BACKFLOW DEVICE SIZE (INCHES)	A (FT)	B (FT)
2 1/2	6	3
3	6.5	3.5
4	6.5	4
6	7	4.5
8	7.5	5
10	8	6

**NOTES:**

1. LOCATION AND INSTALLATION SHALL BE PER PLAN AS SUBMITTED AND APPROVED BY CITY ENGINEER.
2. FIRE DEPT. CONNECTIONS CANNOT BE PLACED ON THE ASSEMBLY WITHOUT PRIOR APPROVAL, CONTACT FIRE DEPT. AT (714) 990-7655. WHERE APPROVED BY FIRE DEPT., A FLG X FLG X FLG, D.I., CEMENT MORTAR LINED TEE MAY BE INSTALLED ON FIRELINES.
3. O.S.&Y. VALVES TO BE LOCKED IN OPEN POSITION WITH CHAIN AND OWNER'S PADLOCK(S). PADLOCK(S) SHALL BE BREAKAWAY TYPE.
4. ALL PIPE SHALL BE DUCTILE IRON PER BREA STD 301.
5. ALL PIPE FITTINGS AND APPURTENANCES (GASKETS, NUTS, BOLTS, RESTRAINTS) SHALL BE PER BREA STD 301.
6. THE COMPLETED ASSEMBLY SHALL BE PAINTED AS DIRECTED.
7. NO CONNECTIONS TO BE MADE BEFORE BACKFLOW PREVENTER.
8. BACKFLOW DEVICE SIZE SHALL BE EQUAL TO OR GREATER THAN PIPE SIZE.
9. ITEM 2 ABOVE IS REQUIRED IF THE BACKFLOW DEVICE ASSEMBLY IS NOT INSTALLED AT THE SAME TIME OF THE LATERAL INSTALLATION.



**DOUBLE DETECTOR CHECK  
(COMPACT BACKFLOW PREVENTION ASSEMBLY 4" TO 10" SIZE)**

APPROVED:

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SHEET 2 OF 2