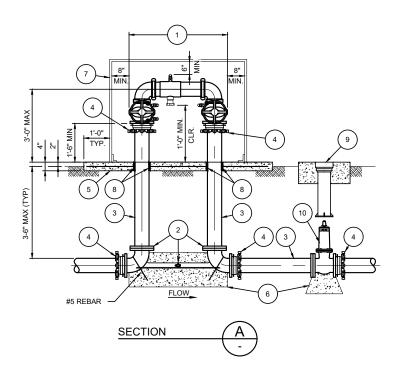


<u>PLAN</u>



DESIGNER/ENGINEER NOTES

- PRIOR TO SELECTION OF METER/BACKFLOW ASSEMBLY DETAIL ENGINEER TO VERIFY EXISTING METER AND BACKFLOW CAPACITY, FIRE FLOW AND EXISTING PRESSURE AT THE ASSEMBLY INSTALLATION LOCATION.
- BASED ON RESEARCH RESULTS, IF MORE THAN ONE STANDARD
 METER/BACKFLOW ASSEMBLIES OR MANUFACTURERS MAY BE UTILIZED THEN
 ALL APPLICABLE DETAILS ARE TO BE SHOWN ON THE DRAWINGS FOR
 CONTRACTOR SELECTION.
- 3. ALL ASSEMBLY PIPING, CONNECTIONS AND EASEMENT SIZES TO ACCOMMODATE THE <u>LARGEST</u> LAYOUT OPTION REGARDLESS OF CONTRACTOR SELECTION TO AVOID CONFLICTS DURING CONSTRUCTION.

REMOVE THESE NOTES WHEN DETAIL USED

MATERIAL LIST **DESCRIPTION** NO. 6" AMES COLT 400N REDUCED PRESSURE PRINCIPLE (RPPA) BACKFLOW ASSEMBLY OR APPROVED EQUAL (NOTE 2) [2] PIPE SETTER, 90° FLG BEND 3 6" FLG x PE DUCTILE IRON PIPE, PC 350 (CUT TO FIT) 6" ADAPTER FLANGE (RESTRAINED) 4 CONCRETE PAD WITH WELDED WIRE FABRIC, 4 x 4 - W1.4 x W1.4 5 6 CONCRETE THRUST/ANCHOR BLOCK APPROVED ENCLOSURE (CONTRACTOR TO SUBMIT SHOP DRAWINGS) 1/2" EXPANSION JOINT MATERIAL VALVE BOX AND COLLAR (NOTE 1) 9 10 6" FLG GATE VALVE

INSTALLATION NOTES:

- CONTRACTOR TO INSTALL VALVE LOCK DEVICE WITH DISTRICT PROVIDED LOCK (AS REQUIRED).
- 2 APPROVED EQUAL MATERIALS CAN BE FOUND ON THE LVVWD APPROVED PRODUCTS LIST.
- 3 11-0" MIN CLEARANCE IS REQUIRED FROM THE RELIEF VALVE TO ASSEMBLY PAD. ASSEMBLY PAD FINISHED GRADE MUST BE AT OR ABOVE HIGH-WATER LEVEL OF SURROUNDING AREA.



SCALE: 1/2" = 1'-0" (USE NRS GATE VALVES ONLY) BF02-1 030125