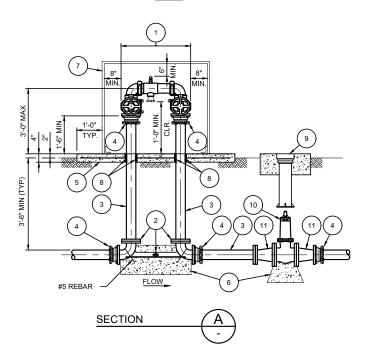


PLAN



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 NO. **DESCRIPTION** 4" AMES COLT 400N REDUCED PRESSURE PRINCIPLE (RPPA) BACKFLOW ASSEMBLY OR APPROVED EQUAL (NOTE 2) 2 PIPE SETTER, 90° FLG BEND 3 4" FLG x PE DUCTILE IRON PIPE, PC 350 (CUT TO FIT) 4 4" ADAPTER FLANGE (RESTRAINED) CONCRETE SLAB (4" THK) WITH WELDED WIRE FABRIC, 4 x 4 - W1.4 x 5 6 CONCRETE THRUST/ANCHOR BLOCK APPROVED ENCLOSURE (CONTRACTOR TO SUBMIT SHOP DRAWINGS) 8 1/2" EXPANSION JOINT MATERIAL 9 VALVE BOX AND COLLAR (NOTE 1) 10 6" FLG GATE VALVE 6" x 4" FLG REDUCER

INSTALLATION NOTES:

- 1 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 1'-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.

