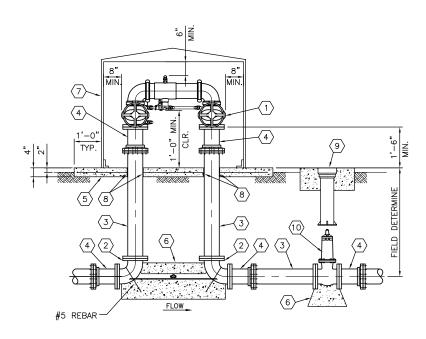


<u>PLAN</u>



## SECTION A

## 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**

- (1) 6" AMES COLT 500N REDUCED PRESSURE DETECTOR (RPDA) 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)
- $\langle 4 
  angle$  6" ADAPTER FLANGE (RESTRAINED)
- (5) CONCRETE SLAB (4" THK) WITH WELDED WIRE FABRIC, 4 x 4 W1.4 x W1.4
- 6 CONCRETE THRUST/ANCHOR BLOCK
- 7 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

## 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. 12" 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.