



## 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 <u>ALL</u> APPLICABLE DETAILS ARE TO BE SHOWN ON THE DRAWINGS FOR
  CONTRACTOR SELECTION.
- 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 8" AMES COLT 400N REDUCED PRESSURE PRINCIPLE (RPPA) BACKFLOW ASSEMBLY OR APPROVED EQUAL (NOTE 2) 2 PIPE SETTER, 90" FLG BEND 3 8" FLG x PE DUCTILE IRON PIPE, PC 350 (CUT TO FIT) 4 8" ADAPTER FLANGE (RESTRAINED) 5 CONCRETE PAD 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)

## INSTALLATION NOTES:

8" FLG GATE VALVE

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- 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.