



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 REGRAPLESS OF CONTRACTOR SELECTION TO AVOID CONFLICTS DURING CONSTRUCTION.

REMOVE THESE NOTES WHEN DETAIL USED

INSTALLATION NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING AND IRRIGATION FACILITIES, IN AND ADJACENT TO PROJECT SITE, DURING CONSTRUCTION OPERATIONS.
- CONTRACTOR TO HAVE NEVADA LICENSED PROFESSIONAL LAND SURVEYOR LOCATE LYVWD EASEMENT PRIOR TO CONSTRUCTION.
- 3. CONTRACTOR TO LOCATE ONSITE PIPING AND CONFIRM DIAMETER, PIPE DEPTH, AND PIPE MATERIAL PRIOR TO ORDERING MATERIAL AND INSTALLATION.
- 4. CONTRACTOR TO VERIFY DIMENSIONS OF CABINET BASED ON INSTALLED DIMENSIONS OF PIPE AND FITTINGS PRIOR TO EARPICATION.
- 5. CONTRACTOR TO INSTALL VALVE LOCK DEVICE WITH DISTRICT PROVIDED LOCK (AS REQUIRED).
- APPROVED EQUAL MATERIALS CAN BE FOUND ON THE LVVWD APPROVED PRODUCTS LIST.
- 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.
- B. TEST PORT OUTLET LOCATION TO BE A MINIMUM OF TWO (2) PIPE DIAMETERS DOWNSTREAM THE WATER METER FLANGE.
- BYPASS OUTLETS TO BE ROTATED 15' AND ARE ONLY REQUIRED ON NON-LOOPED SERVICES.

MATERIAL LIST

- 8" WATER METER (LVVWD FURNISHED)
- 2 8" RESTRAINED DISMANTLING JOINT
- 3 8" FLG GATE VALVE WITH HANDWHEEL
- 4 8" FLG 90" BEND
- 5 8" FLG x PE DUCTILE IRON PIPE (CUT TO FIT)
- 6 10" FLG x PE DUCTILE IRON PIPE (CUT TO FIT)
- 7 8" ADAPTER FLANGE (RESTRAINED)
- (8) 2" SERVICE SADDLE AND 2" CORP STOP (SEE NOTES 8 & 9)
- 9 8" FLG x PE DUCTILE IRON PIPE
- (10) 1/2" EXPANSION JOINT MATERIAL
- 11 10" FLG GATE VALVE

- (12) CONCRETE THRUST/ANCHOR BLOCK
- (13) 10" x 8" FLG REDUCER
- 14) 10" AMES COLT 400 REDUCED PRESSURE PRINCIPLE (RPPA) BACKFLOW ASSEMBLY OR APPROVED EQUAL (NOTE 6)
- (15) VALVE BOX AND COLLAR (NOTE 5)
- (16) ADJUSTABLE PIPE SUPPORT
- (CONTRACTOR TO SUBMIT SHOP DRAWINGS)
- CONCRETE PAD WITH WELDED WIRE FABRIC, 4 x 4 W1.4 x W1.4
- (19) 10" FLG 90" BEND
- (20) 10" ADAPTER FLANGE (RESTRAINED)

8' METER WITH 10' COLT 400 REDUCED PRESSURE PRINCIPLE ASSEMBLY