



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.
- 2. BASED ON RESEARCH RESULTS, IF MORE THAN DASED ON RESEARCH RESULTS, IF MORE ITHAN
 ONE STANDARD METER/BACKFLOW ASSEMBLIES
 OR MANUFACTURERS MAY BE UTILIZED THEN ALL
 APPLICABLE DETAILS ARE TO BE SHOWN ON THE
 DRAWINGS FOR CONTRACTOR SELECTION.
- ALL ASSEMBLY PIPING, CONNECTIONS AND EASEMENT SIZES TO ACCOMMODATE THE LARGEST LAYOUT OPTION REGARDLESS OF CONTRACTOR SELECTION TO AVOID CONFLICTS DURING

REMOVE THESE NOTES WHEN DETAIL USED

INSTALLATION NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING AND IRRIGATION FACILITIES, IN AND ADJACENT TO PROJECT SITE,
- 2. CONTRACTOR TO HAVE NEVADA LICENSED PROFESSIONAL LAND SURVEYOR LOCATE LVVWD EASEMENT PRIOR TO
- 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
- 5. CONTRACTOR TO INSTALL VALVE LOCK DEVICE WITH DISTRICT PROVIDED LOCK (AS REQUIRED).
- 6. APPROVED EQUAL MATERIALS CAN BE FOUND ON THE LVVWD APPROVED PRODUCTS LIST.
- 7. 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.
- 8. 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

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

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

6" METER WITH 8" COLT MAXIM 400 REDUCED PRESSURE PRINCIPLE ASSEMBLY

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

042722