

DOUBLE CHECK VALVE & VAULT

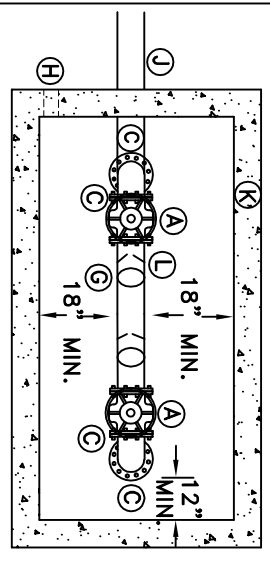
NOTES

1. ALL VALVES MUST BE FLANGED RESILIENT WEDGE GATE VALVE WITH WHEEL OPERATOR.
2. PROVIDE ADEQUATE HEAT OR INSULATION AROUND PIPES IN VAULT.
3. SUMP PUMP REQUIRED FOR DOUBLE CHECK VALVE OVER 2" TO PROVIDE ADEQUATE DRAINAGE OF THE VAULT. SEE GPSD #211
4. REDUCED PRESSURE DEVICES MUST BE INSTALLED ABOVE GROUND.

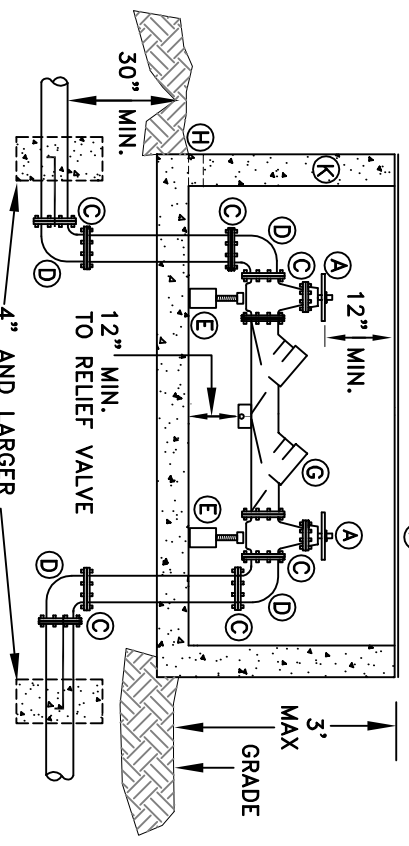
DESCRIPTIONS

- A. FLANGED RESILIENT WEDGE GATE VALVE FOR 2" & LARGER
- B. DOUBLE CHECK VALVE FROM USC APPROVED LIST
- C. FLANGED COUPLING ADAPTER RESTRAINED
- D. FLANGED 1/4 BEND
- E. ADJUSTABLE SCREW JACK SEE GPSD #214A FOR LID DETAILS
- F. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE FROM USC APPROVED LIST
- G. 3" SLEEVED DRAIN HOLES. SEE TABLE, THIS SHEET.
- H. FOR CONFIGURATION BEHIND SERVICE VAULT SEE GPSD #213
- J. VAULT PER GPSD #214
- K. TEST COCK
- L.

TOP VIEW



SIDE VIEW



REDUCED PRESSURE DEVICE

DRAIN HOLE TABLE

SIZE OF DEVICE	NO. OF HOLES
2 1/2"	1 HOLE
4"	2 HOLES
6"	3 HOLES
8"	4 HOLES

4" AND LARGER WATER LINES USE STRADDLE BLOCK W/THRUST RODS PER GPSD #215

NO.	DATE	INITIAL	REVISIONS
2	7/97	FMS	UPDATE
3	2/05	FMS	WATER STD DWG UPDATE
4	12/10	GLV	WATER STD DWG UPDATE

CITY OF GRANTS PASS ENGINEERING DIVISION	
BACKFLOW PREVENTION DEVICES	
2 1/2" AND LARGER	
SCALE: NONE	DWG. NO. 212

DESIGN: STAFF DRAWN: SLN APPROVED: DAP