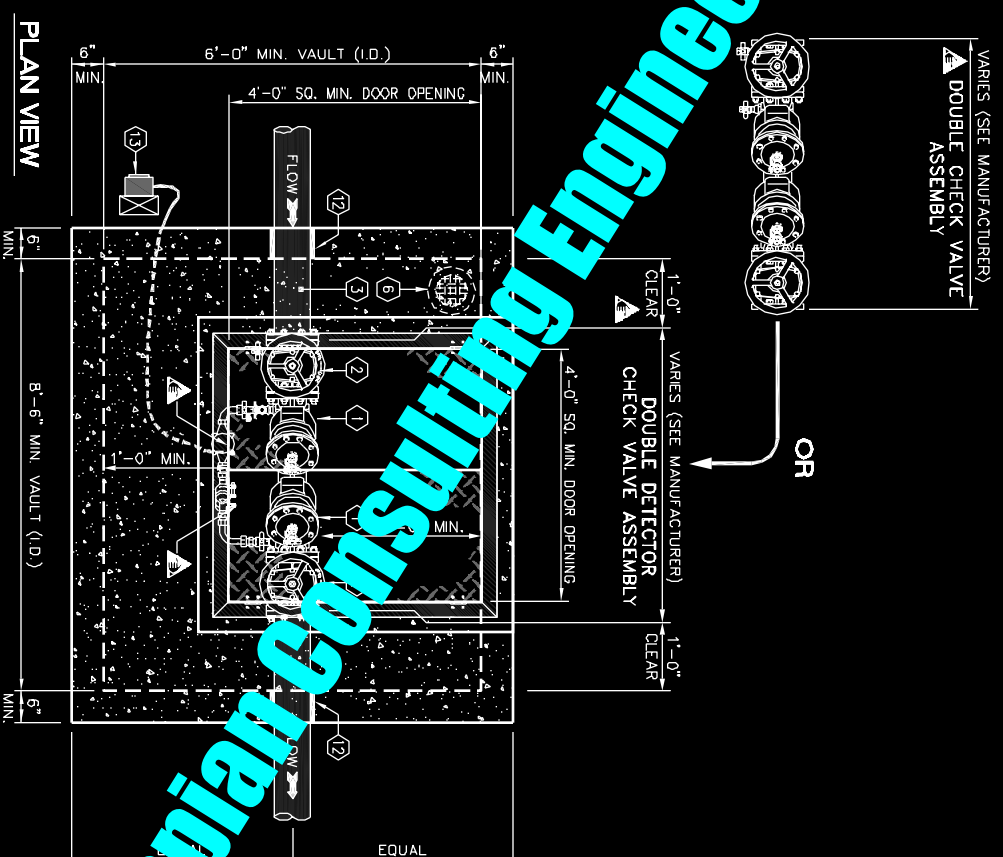


2 1/2" to 10" DCV, DDCV ASSEMBLY  
(UNDER GROUND VAULT)



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Amman Engineering

| ① PART   | MANUFACTURER MODEL / Cat. No.  |
|--|--|
| 1 BACKFLOW PREVENTION ASSEMBLY AS APPLICABLE   | TO BE APPROVED BY CITY   |
| 2 OS&Y GATE VALVE WITH RESILIENT SEATS   | TO BE APPROVED BY CITY   |
| 3 3" THRU 10" DIP FLANGE PIPE  | AMERICAN CAST IRON PIPE, GRIFFIN PIPE CO., UNION-TYLER PIPE CO., or U.S. PIPE & FOUNDRY  |
| 4 DIP CLASS 350 OR PVC SCH 40 PIPE   | SIZE & TYPE DETERMINED BY NC PE.   |
| 5 DIP CLASS 350 OR PVC SCH 40 ELBOW  | SIZE & TYPE DETERMINED BY NC PE. or U.S. PIPE & FOUNDRY  |
| 6 FLOOR DRAIN  | SIZE & TYPE DETERMINED BY NC PE.   |
| 7 ADJUSTABLE PIPE SUPPORTS HOT DIP GALVANIZED  | TO BE APPROVED BY CITY   |
| 8 PRECAST CONCRETE UTILITY VAULT BOX MIN. 4000 PSI @ 28 DAYS VERIFY FITTINGS WILL FIT INSIDE BOX BEFORE ORDERING | SHOP FABRICATED AND HOT DIP GALVANIZED OR "STANDARD" MODEL S92 SADDLE SUPPORT STAY-RIGHT PRECAST VAULT, H20 LOAD RATING (OR APPROVED EQUIVALENT) |
| 9 OMITTED  | OMITTED  |
| 10 4'-0" x 4'-0" MIN. (I.D.) RISER   | STAY-RIGHT PRECAST VAULT, H20 LOAD RATING (OR APPROVED EQUIVALENT)   |
| 11 4' x 4' MIN. DOOR CAST INTO RISER (DRAIN TO OUTSIDE)  | BILCO / JO-4AL DOUBLE LEAF ACCESS DOOR PEDESTRIAN LOAD - 300 PSF. USE H20 LOADING (OR APPROVED EQUIVALENT)                                       |
| 12 WALL SLEEVE WITH LINK SEAL (OR APPROVED EQUIVALENT)   | TO BE APPROVED BY CITY   |
| 13 REMOTE METER READOUT (IN GALLONS)   | TO BE APPROVED BY CITY   |

**NOTES:**  
1. Ensure positive surface grade away from box.

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