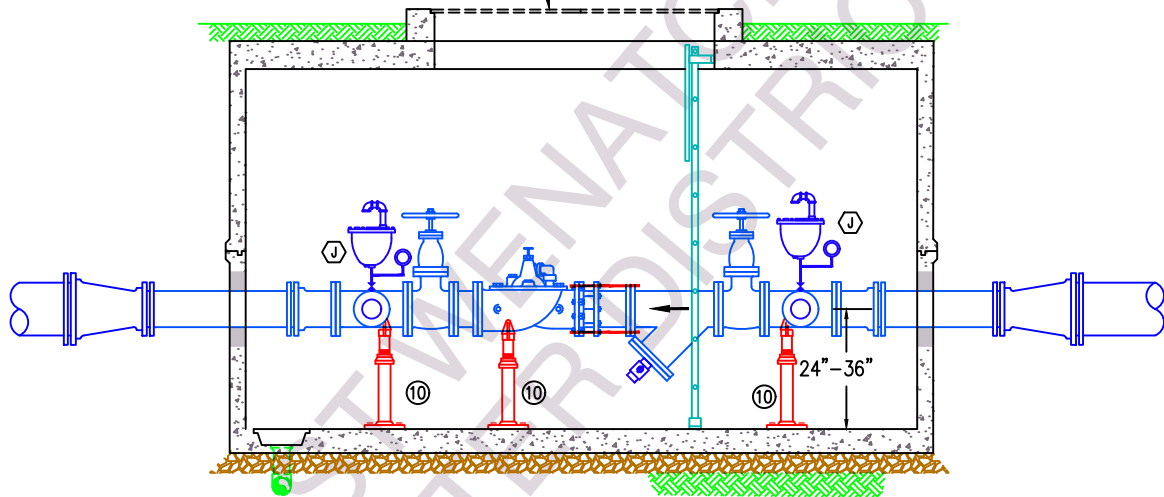


**PLAN**

DOUBLE 3'x3' CLEAR ACCESS HATCH EQUAL TO LW HATCH, OR SUBMIT ALTERNATE VAULT TOP AND HATCH(ES) TO DISTRICT FOR APPROVAL. SEE HATCH NOTES ON DETAIL W-26.

8"x3" PRV STATION SHOWN. SEE STD DETAIL W-17 FOR CALLOUTS FOR OTHER SIZES.  
SEE DETAIL W-26 FOR VAULT AND INSTALLATION REQUIREMENTS



**ELEVATION**

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>① DI PIPE, LENGTH TO FIT</li> <li>② DI REDUCER (RJ) IF NEEDED</li> <li>③ DI SPOOL (FLxPE) LTF</li> <li>④ DI REDUCING TEE (FLxFLx4"FL) w/TAPPED BOSS</li> <li>⑤ RS GATE VALVE (FLxFL) w/HAND WHEEL</li> <li>⑥ PRESSURE REDUCING VALVE (FLxFL) EQUAL TO CLA-VAL 90G-01ABCS OR DISTRICT APPROVED EQUAL, EPOXY LINING, VALVE POSITION INDICATOR, POLY PILOT LINES.</li> <li>⑦ FCA w/SHACKLE RESTRAINT (OR ROMAC DJ400 DISMANTLING JOINT)</li> <li>⑧ DI PIPE (FLxPE) APPROX. 12" LENGTH</li> <li>⑨ STRAINER (FLxFL) EQUAL TO WATTS 77F-D-FDA, EPOXY LINED, BRASS BALL VALVE FOR BLOW OUT</li> </ul> | <ul style="list-style-type: none"> <li>⑩ ADJUSTABLE SADDLE PIPE SUPPORT, RISER PIPE, AND BASE EQUAL TO GRINNEL FIGURE 264. ALSO PROVIDE (2) UNDER BYPASS LINE</li> <li>⑪ FLxFL SPOOL, 7" LENGTH</li> </ul> | <ul style="list-style-type: none"> <li>A 4" RS GATE VALVE (FL)</li> <li>B 4" DI 90° BEND (FL) W/1" TAP ON SIDE AND HOSE BIB</li> <li>C 4"x3" DI REDUCER (FL)</li> <li>D 3" DI PIPE (FL) 36" LENGTH</li> <li>E PRESSURE REDUCING VALVE (FLxFL) EQUAL TO CLA-VAL, 90G-01ABS. EPOXY LINING, VALVE POSITION INDICATOR, POLY PILOT LINES.</li> <li>F FCA w/SHACKLE RESTRAINT (OR ROMAC DJ400)</li> <li>G 4" DI PIPE (FLxPE) LTF</li> <li>H STRAINER (FL) EQUAL TO WATTS 77F-D-FDA AND BRONZE BALL VALVE FOR BLOW OUT</li> <li>J PRESSURE GAUGE AND COMB. AIR VALVE, SEE W-17</li> <li>K 4" DI PIPE (FLxFL) LTF</li> </ul> |
|---|--|--|

SEE SIZING TABLE ON STD DETAIL W-17 FOR PIPE AND FITTING SIZES.

AN ADDITIONAL PRESSURE RELIEF VALVE MAY BE REQUIRED AT THE DISTRICT'S DISCRETION. CONFIGURATION AND SIZE TO BE DETERMINED PER INSTALLATION.



**East Wenatchee Water District**  
WATER SYSTEM STANDARD DETAIL

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**PRESSURE REDUCING STATION**

FILENAME: EWDTW24

REVISED: MAY 5, 2021

DRAWING No. W-19

SHEET No. 23