



ITEM	MATERIALS	QTY
①	DI TEE, MAIN SIZE X 4" FLG. OUTLET.	1 EA
②	4" RW GATE VALVE, FLG. X MJ.	1 EA
③	DIP OR C-900 PVC WHERE REQUIRED.	VARIES
④	4" DI 90° ELL, MJ X MJ.	1 EA
⑤	4" X 3" DI REDUCER, MJ X MJ.	1 EA
⑥	3" DIP, FLG. X PE.	VARIES
⑦	PRESSURE RELIEF VALVE, SEE NOTE 2.	1 EA
⑧	3" D.I 90° ELL, FLG. X M.I.P.	1 EA
⑨	3" DI 90° ELL, FLG. X FLARE.	1 EA
⑩	INSECT SCREEN (BETWEEN FLANGES).	1 EA
⑪	VALVE BOX PER OWD -101.	1 EA
⑫	ENCLOSURE, SEE NOTE 3.	1 EA
⑬	THRUST BLOCK PER STD. OWD-109.	VARIES

- NOTES:**
1. MODIFY ANCHOR DETAIL ON STD OWD-302 BY ADDING ADDITIONAL STAINLESS STEEL WASHERS TO PROVIDE A MINIMUM OF 1/4" GAP TO A MAXIMUM OF 1/2" GAP FROM BOTTOM OF COVER TO TOP OF CONCRETE PAD.
  2. PRESSURE RELIEF VALVE (CLA-VAL MODEL 50A-01BPKCX D/S 150LB FLANGE (NO SUBSTITUTION IS PERMITTED).
  3. 24" DIA. X 36" (HIGH) WEATHER RESISTANT LOCKABLE METAL CAGE TYPE ENCLOSURE AS MANUFACTURED BY GUARDSHACK OR APPROVED EQUAL.
  4. ALL MECHANICAL JOINTS SHALL BE THRUST BLOCKED AND RESTRAINED WITH MECHANICAL JOINT RESTRAINTS.

*David Dief* 1/31/2023  
CITY WATER MANAGER

*James* 1/31/2023  
CITY ENGINEER

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PUBLIC WORKS DIRECTOR

CITY OF ORANGE WATER DIVISION STANDARDS

3" PRESSURE RELIEF VALVE INSTALLATION

OWD STD. DWG.

OWD-309

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