



David Dief 1/31/2023
CITY WATER MANAGER

James 1/31/2023
CITY ENGINEER

John 1/31/2023
PUBLIC WORKS DIRECTOR

CITY OF ORANGE WATER DIVISION STANDARDS

6" & 8" SERVICE INSTALLATION

OWD STD. DWG.

OWD-211

SHEET 1 OF 2

<u>ITEM</u>	<u>MATERIALS</u>	<u>QTY.</u>
①	DI TEE, MAIN SIZE X 8" (MJ X FLG. OUTLET).	1 EA
②	8" RW GATE VALVE, FLG. X MJ.	1 EA
③	8" DIP OR C-900 PVC WHERE REQUIRED.	VARIES
④	8" MJ X FLG. ADAPTER.	1 EA
⑤	DI TEE, 8" X 8", FLG. X FLG.	1 EA
⑥	*8" X 4" OR 8" X 6", REDUCING 90° ELL, FLG. X FLG.	2 EA
⑦	*4" OR 6" RW GATE VALVE, FLG. X FLG.	4 EA
⑧	*4" OR 6" D.I. PIPE SPOOL, FLG. X FLG.	VARIES
⑨	*4" OR 6" 90° ELL, FLG. X FLG.	4 EA
⑩	*4" OR 6" D.I. PIPE SPOOL, FLG. X PE.	VARIES
⑪	*4" OR 6" D.I. COUPLING ADAPTER, MJ X FLG.	2 EA
⑫	*4" OR 6" COMPOUND METER W/ REMOTE READ	2 EA
⑬	VALVE BOX & EXTENSION PIPE PER OWD-101	5 EA
⑭	CONC. VAULT AND STEEL OR ALUMINUM TRAFFIC RATED LID	1 EA
⑮	THRUST BLOCK PER STD. OWD-109	VARIES
⑯	CUT-IN TEE AND VALVES PER STD. OWD-108.	VARIES

NOTES:

- * THE SMALLER SIZE SHOWN CORRESPONDS TO 6" SERVICE.
THE LARGER SIZE CORRESPONDS TO 8" SERVICE.
- 1. SPOOL LENGTH UPSTREAM AND DOWNSTREAM OF METER SHALL BE MINIMUM 4 PIPE DIAMETERS.
- 2. CONTRACTOR TO VERIFY CURRENT MANUFACTURER'S INFORMATION FOR METER LENGTH.
- 3. METERS, NUMBER AND LOCATION OF MAIN VALVES DETERMINED BY OWD.
- 4. CONNECTION TO WATER MAIN PER STD. OWD-108. HOT TAP CONNECTION MAY BE REQUIRED AS DETERMINED BY OWD.
- 5. BACKFLOW PREVENTION DEVICE ASSEMBLY PER STD. OWD-305.

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SHEET 2 OF 2