



ITEM	MATERIALS	QTY.	ITEM	MATERIALS	QTY.
①	DI TEE, MAIN X 4" (MJ X FLG. OUTLET)	1 EA	⑨	3" DIP SPOOL, FLG. X FLG.	VARIES
②	4" RW GATE VALVE, FLG. X MJ.	1 EA	⑩	3" BRASS STRAINER.	2 EA
③	DIP OR C-900 PVC WHERE REQUIRED.	VARIES	⑪	3" COMPOUND METER W/ REMOTE READ.	2 EA
④	4" MJ X FLG. ADAPTER.	1 EA	⑫	VALVE BOX PER OWD-101.	3 EA
⑤	DI TEE, 4" X 4", FLG. X FLG.	1 EA	⑬	CONC. VAULT PER SPEC. SECTION 212-10.6.3.	1 EA
⑥	4" X 3" REDUCING 90° ELL, FLG. X FLG.	2 EA	⑭	THRUST BLOCK PER STD. OWD-109.	VARIES
⑦	3" RW GATE VALVE, FLG. X FLG.	2 EA	⑮	CUT-IN TEE AND VALVE PER STD. OWD-108.	VARIES
⑧	3" DI 90° ELL, FLG. X FLG.	4 EA			

NOTES:

1. CONNECTION TO WATER MAIN PER STD. OWD-108. HOT TAP CONNECTION MAY BE REQUIRED AS DETERMINED BY OWD.
2. BACKFLOW PREVENTION DEVICE ASSEMBLY PER STD. OWD-305.
3. ALL MECHANICAL JOINTS SHALL BE THRUST BLOCKED AND RESTRAINED WITH MECHANICAL JOINT RESTRAINTS.

David D. Dief 1/31/2023
CITY WATER MANAGER

James E. Dief 1/31/2023
CITY ENGINEER

John A. Dief 1/31/2023
PUBLIC WORKS DIRECTOR

CITY OF ORANGE WATER DIVISION STANDARDS

4" SERVICE INSTALLATION

DUCTILE IRON LATERAL - (2) 3" METERS

OWD STD. DWG.

OWD-209

SHEET 1 OF 1