



ITEM	MATERIALS	QTY.
①	DI TEE, MAIN SIZE X 6" OR 8" FLG. OUTLET.	1 EA
②	6" OR 8" RW GATE VALVE, FLG. X MJ.	1 EA
③	VALVE BOX PER STD. OWD-101.	1 EA
④	DIP OR C-900 PVC WHERE REQUIRED.	VARIABLES
⑤	DI REDUCER, 6" x 8", MJ X MJ ON LONG SIDE OF STREET (WHERE REQUIRED)	1 EA
⑥	FIRE HYDRANT BURY.	1 EA
⑦	HYDRANT EXTENSION W/ BREAKAWAY GROOVE (GROVE ABOVE PAD).	1 EA
⑧	BREAK-AWAY BOLTS AT HYDRANT FLANGE.	VARIABLES
⑨	CONCRETE COLLAR PER STD. OWD-103.	1 EA
⑩	WET BARREL FIRE HYDRANT, (1) 2-1/2" & (1) 4" OUTLET.	1 EA
⑪	THRUST BLOCK PER STD. OWD-109.	VARIABLES

NOTES:

- TUNNEL BENEATH EXISTING CURB & GUTTER AND BACKFILL W/ SAND OR SLURRY.
- ORIENT HYDRANT OUTLETS TO FACE STREET.
- FIRE HYDRANTS SHALL BE PAINTED 'SAFETY ORANGE' PER SPECS. SECTION 212-12.
- PROVIDE "BREAKAWAY" CHECK VALVE WHERE REQUIRED AS DIRECTED BY OWD.
- SEE OWD SPEC. SECTION 212-6 FOR APPROVED HYDRANT TYPES AND ADDITIONAL REQUIREMENTS.
- ALL MECHANICAL JOINTS SHALL BE THRUST BLOCKED AND RESTRAINED WITH MECHANICAL JOINT RESTRAINTS.

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

James B. 1/31/2023
CITY ENGINEER

John A. 1/31/2023
PUBLIC WORKS DIRECTOR

CITY OF ORANGE WATER DIVISION STANDARDS

FIRE HYDRANT ASSEMBLY

OWD STD. DWG.

OWD-102

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