Clark Public Utilities Example Drawing 2026

WATER SERVICE PRESSURE NOTE

1A THE STATIC WATER PRESSURE AT THE METERS WILL BE APPROXIMATELY XXX PSI TO XXX PSI, DEPENDING ON RESERVOIR LEVEL, NUMBER OF OPERATING WELLS, AND METER ELEVATION.

OR

1B CLARK PUBLIC UTILITIES **DOES NOT** INSTALL PRESSURE REDUCING VALVES (PRV) AT THE WATER SERVICE BOXES. IT IS THE DEVELOPER'S/CUSTOMER'S RESPONSIBILITY TO INSTALL AND MAINTAIN ANY NEEDED PRV'S ON THE CUSTOMER SIDE OF THE WATER SERVICE. THE STATIC WATER PRESSURE AT THE METERS WILL BE APPROXIMATELY XXX PSI TO XXX PSI, DEPENDING ON RESERVOIR LEVEL, NUMBER OF OPERATING WELLS, AND METER ELEVATION.

DEVELOPMENT TYPE KEY

- COMMERCIAL/INDUSTRIAL
- MULTI FAMILY RESIDENTIAL
- SINGLE FAMILY RESIDENTIAL

① AFTER TESTING & APPROVAL BY CLARK PUBLIC UTILITIES, REMOVE EXIST'G B.O. AND CONNECT TO EXIST'G 8" OD WATER MAIN

② REMOVE EXIST'G 12"x8" MJ TEE
INSTALL:
(1) 12"x8" FLG CROSS
(2) 8" FLGxMJ GATE VALVE (E&W)
(2) 12" FLGxMJ BUTTERFLY VALVE (N&S)

③ INSTALL:
(1) 12" MJ CAP W/TB
(1) 2" BO ASS'Y
MECH. RESTRAIN ALL JOINTS

④ INSTALL:
(1) 2" MJ PLUG (N)
(1) 2" MJ CAP (S)
4" AND LARGER MAINS TO BE ABANDONED PER COUNTY STDS.

⑤ INSTALL:
(1) 8"x4" HOT TAP VALVE & SLEEVE W/TB

⑥ INSTALL:
STD. 1" WATER SERVICE & METER BOX
5/8"x3/4" METER
(TYP. 8 LOCATIONS) (PER 1W)

⑦ INSTALL:
(1) 4" MJ PLUG W/TB
(1) 2" STD. BLOWOFF ASS'Y.
MECH. RESTRAIN ALL JOINTS

⑧ CUT, CAP, AND ABANDON EXISTING 1" WATER SERVICES AT MAIN AS DIRECTED BY CPU INSPECTOR AT TIME OF CONSTRUCTION

INSTALL:
(1) 8" MJ CAP W/TB
(1) 2" BO ASS'Y (PER 6W)
(20 LF) 8" C900 PVC

INSTALL:
(1) 8"x8" FLG TEE W/TB
(3) 8" MJxFLG GATE VALVES
(35 LF) 8" C900 PVC
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 8" MJ 22 1/2° BEND W/TB
MECH. RESTRAIN ALL JOINTS

20 LF 8" C900 PVC

INSTALL:
(1) 8" FLG TEE W/TB
(3) 8" FLGxMJ GATE VALVE
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 8" MJ 22 1/2° BEND W/TB
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 8"X4" FLGxMJ TEE W/TB
(1) 4" FLGxMJ GATE VALVE 37 LF
4" CL 52 DIP
3" WATER METER IN VAULT (PER 3W)
3" WA. ST. APV'D RPBA IN HOT BOX (PER 17W)
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 8"x4" FLGxMJ TEE W/TB
(1) 4" FLGxMJ GATE VALVE
17 LF 4" CL 52 DIP
MECH. RESTRAIN ALL JOINTS
(PRIVATE AFTER VALVE)

TL
192021-010

INSTALL:
(1) 8"x6" FLGxMJ TEE W/TB
(1) 6" FLGxMJ GATE VALVE
7 LF 6" CL 52 DIP
STD FH ASS'Y (PER 7W)
MECH. RESTRAIN ALL JOINTS
4'x4'x4" CONC. PAD

20 LF 8" C900 PVC

INSTALL:
(1) CUT IN 12"X8" FLGXFLG TEE W/TB
(1) 8" GATE VALVE
(2) 12" BF VALVES

INSTALL:
(1) 8"x8" HOT TAP VALVE AND SLEEVE W/TB

INSTALL:
(1) 8"x6" FLGxFLG TEE W/ TB
(1) 6" FLGxMJ GATE VALVE
(1) 8"x4" FLGxMJ REDUCER
7 LF 6" CL 52 DIP
STD FH ASS'Y (PER 7W)
MECH. RESTRAIN ALL JOINTS
4'x4'x4" CONC. PAD

INSTALL:
(1) 8"x8" HOT TAP VALVE AND SLEEVE W/TB

INSTALL:
(1) 12"x4" FLGxFLG TEE W/TB
(2) 12" FLGxMJ BF VALVE
(1) 4" FLGxMJ GATE VALVE
(1) 4" MJ PLUG W/2" TAP
2" HDPE FIRE SERVICE
MECH. RESTRAIN ALL JOINTS
PRIVATE AFTER VALVE

INSTALL:
(1) 8" STUB W/ MJ CAP W/TB
(1) 2" BO ASS'Y (PER 6W)

INSTALL:
(1) 8"x6" FLGxMJ TEE W/TB
(1) 6" FLGxMJ GATE VALVE
4 LF 6" CL 52 DIP
STD FH ASS'Y (PER 7W)
MECH. RESTRAIN ALL JOINTS
4'x4'x4" CONC. PAD

INSTALL:
(1) 8" MJ 90° BEND W/TB
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 4" MJ CAP W/TB
(1) 2" BO ASS'Y (PER 6W)
MECH. RESTRAIN ALL JOINTS

INSTALL:
(1) 8"x 4" HOT TAP VALVE AND SLEEVE W/TB

INSTALL:
(1) 4"x4" FLGxMJ TEE
(2) 4" FLGxMJ GATE VALVES
(2) 4" MJ PLUG W/2" TAP
PRIVATE AFTER SOUTH VALVE

ST. NAME

AVE. NAME

TL
183201-010

TL
173321-010

SINGLE FAMILY RESIDENTIAL

COMMERCIAL

MULTIFAMILY

LOT 1 · LOT 2 · LOT 3 · LOT 4 · LOT 5 · LOT 6 · LOT 7 · LOT 8 · LOT 9

6' TYPICAL

80 LF 8" C900 PVC

15' WATER ESMN'T DEDICATED TO CPU

15 LF 8" C900 PVC

30 LF 8" C900 PVC

7.5'

58 LF 8" C900 PVC

1" IRRIGATION DCVA

5 LF 3" C900

3" WA STATE APPROVED DCDA (PER 12W)

100 LF 8" C900 PVC

100 LF 8" C900 PVC

SAN SWR

10' STANDARD SEPARATION TO SEWER

15' WATER EASEMENT DEDICATED TO CPU

WATER METER ESM'T DEDICATED TO CPU

STD. 1" WATER SERVICE & METER BOX 5/8"x3/4" METER (9x TYP.) (PER 1W)

200 LF 8" C900 PVC

200 LF 4" C900 PVC

6' PUE

EXIST'G 12" PVC

130 LF 8" C900

160 LF 12" C900 PVC

EXISTING 2" GAL

15' PUBLIC EASEMENT DEDICATED TO CLARK PUBLIC UTILITIES

1" WATER METER (PER 1W) FOR IRRIGATION W/ 1" WA. STATE APPROVED DCVA

2" WA STATE APPROVED DCDA LOCATED IN BLG.

STANDARD 2" WATER SERVICE AND 2" METER (PER 2W) WITH 2" DCVA

2" WA STATE APPROVED DCDA (PER 13W)

EXIST'G 12" O.D.

EXIST'G 8" O.D.

EXISTING 8" O.D.

SIDEWALK · CURB · R/W · PLANTER STRIP · D/W

FIRE HYDRANT EASEMENT

MULTIPLE 1" METER EASEMENT

TYP. 1" METER EASEMENT

WATER EASEMENT DEDICATED TO CLARK PUBLIC UTILITIES

NOT TO SCALE