6" SINGLE WATER SERVICE

2019 UPDATES

CONTRACTOR TO LAY SINGLE STICK OF 6" DI CLASS 50 PIPE THROUGH VAULT. CUT OUT CENTER AND INSTALL FITTINGS SHOWN BELOW.

FLOW

FLOOR DRAIN

LADDER MOUNTED TO FLOOR

LADDER WITH EXTENDABLE SAFETY POSTS

PRECAST VAULT

FRAME DRAIN & PVC IN VAULT. ATTACH TO VAULT WITH STAINLESS STEEL HARDWARE

6" DI PIPE RESTRAINED

FLOW

18" TO EDGE OF PIPE

6" RSGV, (FL X MJ)(TYP)

PVC FRAME DRAIN LINE TO BOTTOM OF VAULT

PIPE INSTALLED THRU KNOCKOUT (TYP)

FLOW

24" MIN.
32" MAX.

3'-0" W X 6'-0" L CENTERED HATCH

2"

8" TYP.

6" METER (FLXFL)

6" RFCA

PIPE SUPPORT MOUNTED TO FLOOR (TYP)

12" DRAIN ROCK UNDER ENTIRE VAULT OR DRAIN TO STORM OR DAYLIGHT WITH 8" MIN. COMPACTED CRUSHED ROCK UNDER ENTIRE VAULT.

NOTES:
1. THE DISTRICT WILL PROVIDE THE 6" WATER METER WITH STRAINER. CONTRACTOR TO PROVIDE ALL OTHER MATERIALS. MATERIAL COSTS BORNE BY THE CUSTOMER.

MATERIALS LIST
(FT) 6" DUCTILE IRON FLANGED PIPE, CLASS 53, DIAMETER ACCORDING TO INSTALLED METER SIZE.
(1) 612 H2 PRECAST VAULT WITH ALUMINUM, H-20 LOADING, DOUBLE LEAF, SPRING ASSISTED, DIAMOND PLATE, AND RECESSED PADLOCK HASP COVER, OR EQUAL
(1) 1-1/2" PVC FRAME DRAIN TO BOTTOM OF VAULT.
(1) ALUMINUM SAFETY LADDER WITH EXTENDABLE SAFETY POSTS MINIMUM 1 INCH DIAMETER RUNG WITH MINIMUM 12-INCH WIDTH BETWEEN RUNGS AND 18-INCH WIDTH BETWEEN SIDE BARS.
(2) 2" SERVICE SADDLES, ROMAC 202S.
(2) 2" CURB TOPS—BRASS HIP X COMP, FORD B84—666—Q—W, OR EQUAL.
(2) 2" 90—BRASS COMP X COMP, FORD L44—77—Q OR EQUAL.
(FT) 2" HDPE SDR9 ASTM D2737 SERVICE LINE.
(6) 2" POLY INSERTS—CTS STAINLESS STEEL MINIMUM 2—3/8" LENGTH.
(2) 2" UNISTRUT CLAMPS (MINIMUM).
(2) 6" RESILIENT SEAT GATE VALVES AWWA C509 WITH WHEEL OPERATORS, KENNEDY OR EQUAL.
(1) 6" RESTRAINED FLANGE COUPLING ADAPTOR, ROMAC OR EQUAL.
(2) PIPE SUPPORTS MOUNTED TO FLOOR WITH STAINLESS STEEL HILTI ANCHOR BOLTS, 6" SADDLE SIZE.
(1) CUBIC YARD MINIMUM 1—1/2" DRAIN ROCK (REQUIRED WHEN DRAIN TO SUBGRADE).
(1) CUBIC YARD MINIMUM 5/8" MINUS CRUSHED ROCK.