

THIS DETAIL EWW-SD-010 IS FOR 3/4" AND 1" WATER SERVICES TO A YARD HYDRANT

CURB BOX BY EWW. CURB BOXES WITHIN PAVED SURFACES MUST UTILIZE A LID WITH A PENTAGON PLUG WHICH ALLOWS THE VALVE TO BE TURNED WITHOUT DISTURBING THE ASPHALT OR CEMENT.

CAST IRON METER PIT LID BY CUSTOMER'S PLUMBER. LID SHALL BE STAMPED "WATER".

REQUIRED HOSE BIBB VACUUM BREAKER

NOTES:

1. ALL PRECAUTIONS SHALL BE TAKEN FOR PROPER DRAINAGE.
2. SCHEDULE AN INSPECTION WITH THE EWW ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING ANY BACKFILLING SERVICE LINE AND METER PIT.
3. ALL EWW SPECIFICATIONS MUST BE MET BEFORE WATER SERVICE IS INITIATED.
4. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE REDUCTION OF LEAD IN DRINKING WATER ACT AND NSF/ANSI STANDARD 61 (NSF-61).
5. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
6. IF A PRESSURE REDUCING VALVE IS REQUIRED, PLEASE CONTACT EWW ENGINEERING FOR FURTHER DETAILS.
7. **ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.**

GROUND

METER PIT, CORRUGATED HDPE PIPE - SMOOTH INTERIOR BY CUSTOMER'S PLUMBER.

METER PIT DIMENSIONS
18" INSIDE DIAMETER X 48" DEEP FOR 5/8" METER / 3/4" SERVICE

24" INSIDE DIAMETER X 48" DEEP FOR 1" METER / SERVICE

SELF DRAINING YARD HYDRANT WITH A MINIMUM 5' BURY DEPTH

ANGLE BALL METER VALVE (PART OF YOKE ASSEMBLY)

WATER METER BY EWW

CARTRIDGE DUAL CHECK VALVE (PART OF YOKE ASSEMBLY)

METER YOKE ASSEMBLY BY CUSTOMER'S PLUMBER, **FORD 80 SERIES COPPERSETTER** OR EWW APPROVED EQUAL:

- 5/8" METER & 3/4" SERVICE: FORD CATALOG # VBHC82W-22-33-NL
- 3/4" METER & 3/4" SERVICE: FORD CATALOG # VBHC83W-22-33-NL
- 1" METER & 1" SERVICE: FORD CATALOG # VBHC84W-22-44-NL

CONTACT EWW ENGINEERING TO DETERMINE IF PRESSURE REDUCING VALVE IS REQUIRED

- 5/8" METER & 3/4" SERVICE: FORD CATALOG # TVBHC82W-22-33-NL
- 3/4" METER & 3/4" SERVICE: FORD CATALOG # TVBHC83W-22-33-NL
- 1" METER & 1" SERVICE: FORD CATALOG # TVBHC84W-22-44-NL

METER PIT MUST BE AS CLOSE TO THE CURB BOX AS POSSIBLE.

REQUIRED GROUND STRAP

FLARE FITTINGS

GRAVEL FILL LINE

5" MAX

COARSE GRAVEL BY CUSTOMER'S PLUMBER

PATIO BLOCKS OR ADEQUATE METER PIT SUPPORTS BY CUSTOMER'S PLUMBER

FLARED COPPER X MALE IRON PIPE THREAD ELL COUPLING BY CUSTOMER'S PLUMBER

CURB VALVE BY EWW

EWW WATER MAIN

PENNDOT #2A COARSE AGGREGATE

FLARE FITTINGS

3/4" OR 1" DIAMETER TYPE K SOFT COPPER. ABSOLUTELY NO SPLICES / FITTINGS ALLOWED, BY CUSTOMER'S PLUMBER.

3/4" OR 1" DIAMETER TYPE K SOFT COPPER BY CUSTOMER'S PLUMBER. APPROVED PLASTIC WITH AN AWWA AND NSF-PW/61 STAMP MAY BE TRANSITIONED TO AFTER THE METER PIT.

2'x2'x1' #57 COARSE AGGREGATE

(NOT TO SCALE)

EWW'S RESPONSIBILITY

CURB LINE, PROPERTY LINE, OR EASEMENT LINE (EWW DISCRETION)

CUSTOMER'S RESPONSIBILITY

YARD HYDRANT (3/4" AND 1") WITH METER PIT

DRAWN BY: RD APPROVED BY: CP
DATE: MAR 2020 EWW - SD - 010

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