

THE BRIGHTON TOWNSHIP MUNICIPAL AUTHORITY

1300 Brighton Road
Beaver, PA 15009-9211

Phone: 724-774-4800
Fax: 724-774-3565

APPLICATION FOR PRIVATE FIRE SERVICE

DATE: _____

PROPERTY OWNER: _____

SERVICE ADDRESS: _____

STRUCTURE TYPE: _____

PHONE NO: _____

HOMEBUILDER NAME: _____ PHONE NO.: _____

SPRINKLER CONTRACTOR: _____ PHONE NO.: _____

The Applicant is requesting permission to install/activate a service and meter for Private Fire Service. The Applicant has read and agrees to abide by all Articles under the Current Rules and Regulations of the Brighton Township Municipal Authority and has included a sketched plan of the property, the Authority water distribution system, any existing meters, and the proposed water service and distribution system for domestic and fire service uses. The sketch shall be neatly drawn to scale, and shall be subject to approval by the Authority. Customer is responsible for all elements of the design of a fire protection system, including computations for available system pressure. The Authority assumes no liability for any portion, design or operations, of a private fire system.

NEW INSTALLATION - Customer to submit application and contact this office to schedule installation.

OR

ACTIVATE A DEACTIVATED METER - Upon submittal of the application, the Customer must contact this office to schedule an inspection.

Property Owner Signature: _____

FOR AUTHORITY USE ONLY

DATE: _____ CHECK No.: _____ CHECK AMOUNT: \$ _____

SKETCH APPROVED BY: _____ APPROVED DATE: _____

MANUFACTURER: _____

METER TYPE: _____ METER Size: _____

METER SERIAL NO: _____ ACR SERIAL NO: _____

METER LOCATION: _____

Brighton Township Municipal Authority
1300 Brighton Road
Beaver, PA 15009
(724) 774-4800

Water Connection & Tapping Fee Schedule
Effective February 1, 2018

CONNECTION TO AUTHORITY CIP/DI WATERLINE

	<u>5/8-Inch Meter</u>	<u>1-Inch Meter</u>	<u>2-Inch Meter</u>
Connection Fee	\$1,500	\$1,500	\$2,500
Customer's Facility Fee	\$ 0	\$ 500	\$1,900
Tapping Fee	<u>\$1,500</u>	<u>\$1,500</u>	<u>\$1,500</u>
TOTAL:	\$3,000	\$3,500	\$5,900

CONNECTION TO AUTHORITY HDPE WATERLINE

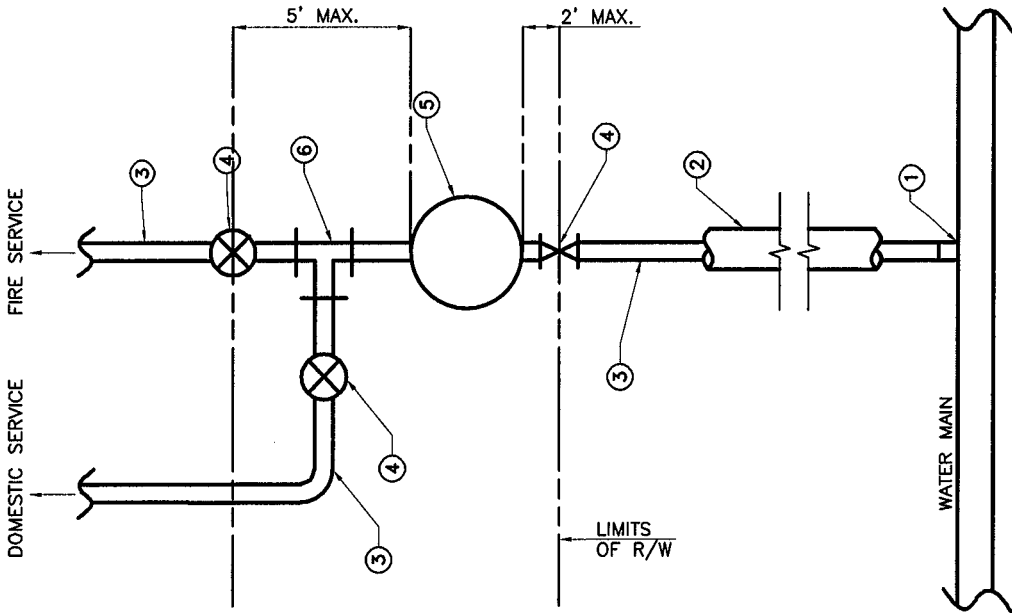
	<u>5/8-Inch Meter</u>	<u>1-Inch Meter</u>	<u>2-Inch Meter</u>
Connection Fee	\$2,000	\$2,000	\$3,000
Customer's Facility Fee	\$ 0	\$ 500	\$1,900
Tapping Fee	<u>\$1,500</u>	<u>\$1,500</u>	<u>\$1,500</u>
TOTAL:	\$3,500	\$4,000	\$6,400

CONNECTION TO AUTHORITY PVC WATERLINE

	<u>5/8-Inch Meter</u>	<u>1-Inch Meter</u>	<u>2-Inch Meter</u>
Connection Fee	\$1,700	\$1,700	\$2,700
Customer's Facility Fee	\$ 0	\$ 500	\$1,900
Tapping Fee	<u>\$1,500</u>	<u>\$1,500</u>	<u>\$1,500</u>
TOTAL:	\$3,200	\$3,700	\$6,100

Fees are payable to "BTMA" at the time of application for a building permit for new construction or application for connection to the water system. The typical single-family home uses a 5/8" meter. The larger size meters may be needed when a fire sprinkler system is installed, or in special circumstances where the service line is longer than normal, or increased flow is desired.

Residential Development Unit (RDU) = 135 gpd
Effective September 1, 2020



PRIVATE FIRE SERVICE
FOR RESIDENTIAL STRUCTURE

N. T. S.

- ① MUELLER MODEL H-15008 CORPORATION STOP (FURNISHED AND INSTALLED BY BTMA).
- ② SCHEDULE 80 PVC CASING PIPE UNDER ROADWAYS. (SEE NOTE 2).
- ③ TYPE "K" COPPER TUBING (1" MINIMUM)
- ④ MUELLER MODEL H-15209 CURB STOP AND VALVE BOX (FURNISHED AND INSTALLED BY BTMA).
- ⑤ MUELLER HUNT METER BOX (SEE METER SETTING DETAIL)
- ⑥ MUELLER MODEL H-15391 TEE (FURNISHED AND INSTALLED BY BTMA).
- ⑦ MUELLER HUNT METER BOX (SEE METER SETTING DETAIL)
- ⑧ MUELLER MODEL H-15391 TEE (FURNISHED AND INSTALLED BY BTMA).

NOTES:

1. SIZE OF ALL FACILITIES TO BE DETERMINED BY APPLICANT'S/PROPERTY OWNER'S SPRINKLER DESIGNER.
2. THE APPLICANT/PROPERTY OWNER IS RESPONSIBLE FOR THE CONSTRUCTION (INCLUDING PIT EXCAVATION) AND COST FOR ALL BORES HAVING COPPER TUBING/CASING PIPE DIAMETER GREATER THAN 1". ALL NEW DEVELOPMENT CONSTRUCTION REQUIRE SCHEDULE 80 PVC CASING PIPE BENEATH ROADWAYS. BTMA TO FURNISH AND INSTALL COPPER TUBING WITHIN PVC CASING PIPE.
3. WHERE A TWO INCH DIAMETER SERVICE CONNECTION IS REQUIRED ON A 4 INCH DIAMETER EXISTING WATER MAIN - A CONNECTION WILL BE MADE USING A DUCTILE IRON TEE IN LIEU OF A CORPORATION. ALL CONNECTIONS TO WATER MAIN WILL BE DONE BY BTMA.
4. THE LENGTH OF COPPER TUBING BENEATH ROADWAY SHALL BE PROVIDED SUCH THAT ONE (1) CONTINUOUS PIECE IS INSTALLED WITHIN SCHEDULE 80 PVC CASING WITHOUT THE NEED OF FITTINGS, FASTENERS, COUPLINGS, ETC.
5. THE CURB BOX LID FOR DOMESTIC SERVICE SHALL READ "WATER". THE CURB BOX LID FOR FIRE SERVICE SHALL READ "FIRE".
6. AN EXPANSION TANK SHALL BE INSTALLED ON THE INLET SIDE OF THE WATER LINE TO THE WATER HEATER.
7. THE NEED FOR A PRESSURE REDUCING VALVES IS THE RESPONSIBILITY OF THE APPLICANT/PROPERTY OWNER. INSTALLATION OF PRESSURE REDUCING VALVES SHALL BE INSTALLED BY THE APPLICANT/PROPERTY OWNER.
8. BTMA TO FURNISH AND INSTALL TYPE "K" COPPER TUBING FROM THE WATER MAIN TO THE LIMIT OF R/W (SEE NOTE 2 FOR EXCEPTIONS). THE APPLICANT/PROPERTY OWNER TO FURNISH AND INSTALL REMAINING FIRE AND DOMESTIC SERVICE TYPE "K" COPPER TUBING FROM LIMIT OF R/W TO RESIDENTIAL STRUCTURE.

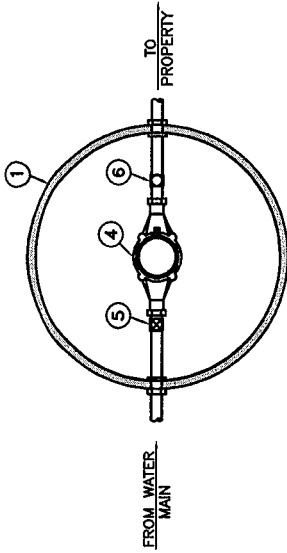
Scale:	N.T.S.
Drawn By	
Checked By	
Approved By	
Filename:	BTMA-21.dwg
Date:	June 23, 2011

**BRIGHTON TOWNSHIP
MUNICIPAL AUTHORITY**
1300 Brighton Road
Beaver, Pennsylvania 15009

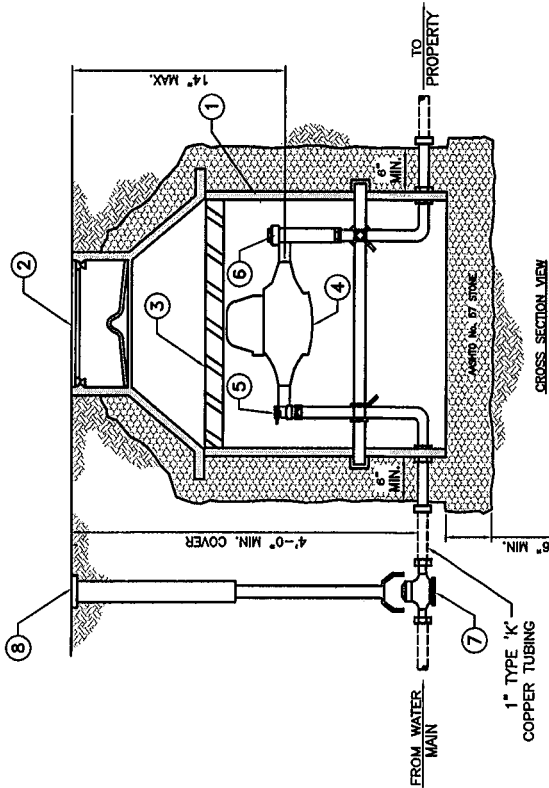
**PRIVATE FIRE SERVICE
FOR
RESIDENTIAL STRUCTURE**

5/8" THROUGH 1" METER SETTING

- ① 20" TILE SIZE ID FORD PLASTIC PIT SETTER (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ② FORD TYPE "W" DOUBLE LID COVER (10" DEPTH) WITH LOCKING LID AND INSULATION BLANKET (ELECTRONIC METER READING LIDS NOT PERMITTED) (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ③ 2" INSULATING DISC
- ④ SENSUS IPERL WATER METER (FURNISHED AND SET BY BTMA).
- ⑤ 3/4" (MIN.) ANGLE BALL VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑥ 3/4" (MIN.) ANGLE CARTRIDGE DUAL CHECK VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑦ MUELLER CURB STOP (FURNISHED AND INSTALLED BY BTMA).
- ⑧ CURB BOX (FURNISHED AND INSTALLED BY BTMA).



TOP VIEW



CROSS SECTION VIEW

METER SETTING DETAIL

N. T. S.

1-1/2" THROUGH 2" METER SETTING

- ① 36" TILE SIZE ID FORD PIT SETTER FOR 1-1/2" AND 2" METERS (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ② FORD CAST IRON MONITOR COVER WITH 20" LOCKING LID, INNER LID, AND INSULATION BLANKET (ELECTRONIC METER READING LIDS NOT PERMITTED) (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ③ 2" INSULATING DISC
- ④ SENSUS OMNI C2 WATER METER (FURNISHED AND SET BY BTMA).
- ⑤ 3/4" (MIN.) ANGLE BALL VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑥ 3/4" (MIN.) ANGLE CARTRIDGE DUAL CHECK VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑦ MUELLER CURB STOP (FURNISHED AND INSTALLED BY BTMA).
- ⑧ CURB BOX (FURNISHED AND INSTALLED BY BTMA).

NOTES:

1. METER SETTER IS TO BE LOCATED AT OR NEAR RIGHT OF WAY LINE.
2. METER SETTER IS REQUIRED WHERE A WATER SERVICE LINE EXCEEDS 100-FT OR WHERE HOMES ARE BUILT ON SLABS.
3. AN EXPANSION TANK SHALL BE INSTALLED ON THE INLET SIDE OF THE WATER LINE TO THE WATER HEATER.
4. WHERE REQUIRED, A PRESSURE REDUCING VALVE SHALL BE INSTALLED ON THE INLET SIDE OF THE EXPANSION TANK.
5. METERS PITS SHALL BE LOCATED IN NON-TRAFFIC AND NON-PARKING AREAS.
7. PRIOR TO STARTING WORK OR ORDERING MATERIALS, CONTACT BRIGHTON TOWNSHIP MUNICIPAL AUTHORITY TO REVIEW REQUIREMENTS. VERIFY ALL CONNECTION TYPES PRIOR TO ORDERING.
8. NO SOLDER CONNECTIONS PERMITTED ON SERVICE LINE BETWEEN HOUSE AND CURB BOX.
9. IN SOME INSTALLATIONS THE METER SIZE MAY DIFFER FROM THE WATER SERVICE TUBING DIAMETER. PROVIDE ALL REQUIRED FITTINGS BEFORE AND AFTER EACH METER SETTER. ALL FITTINGS TO BE COMPRESSION TYPE AND RATED AT 300 PSI WORKING PRESSURE.

**BRIGHTON TOWNSHIP
MUNICIPAL AUTHORITY**
1300 Brighton Road
Beaver, Pennsylvania 15009

Drawn By	Scale	N.T.S.
Checked By	Filename	BTMA-18.dwg
Approved By	Date	November 17, 2014

RESIDENTIAL PLASTIC METER PIT