

# 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 - Water Connection Fee Schedule

	<u>5/8" Meter</u>	<u>1" Meter</u>	<u>2" 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

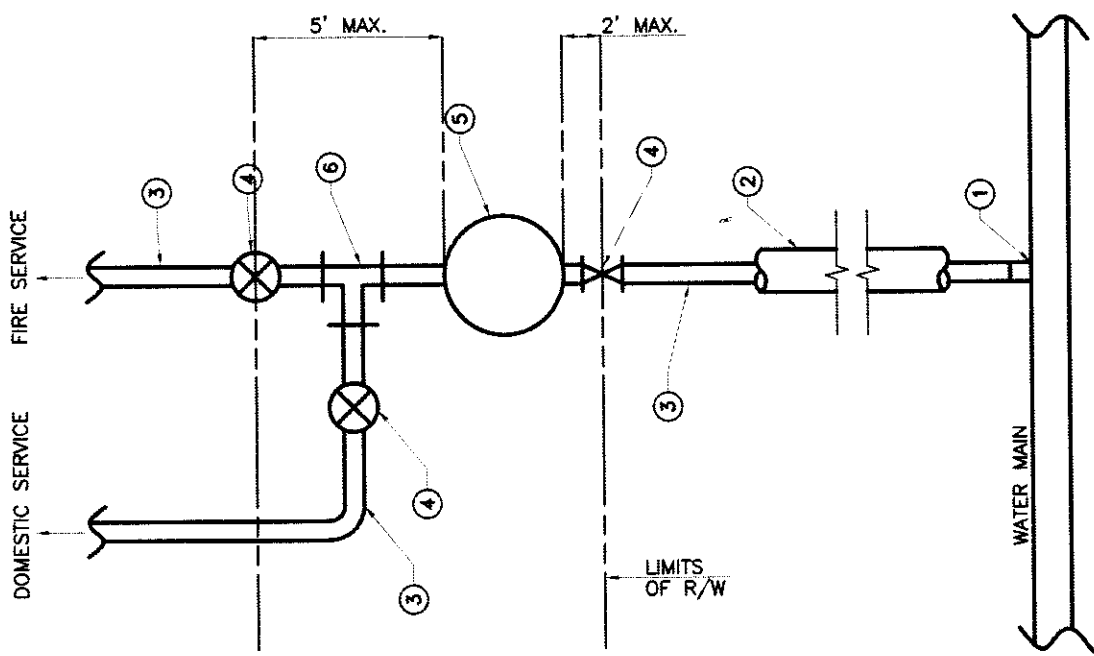
These fees are payable at the time of application for a building permit. The typical water connection and tapping fee for a single-family home is \$3,000 for a 5/8" Meter, and remains unchanged. The larger size meters may be needed when a fire sprinkler system is installed, or in special circumstances where the service line is longer than normal, or increased flow is desired.

The tapping fee component is based on the equivalent residential dwelling unit (RDU) served per connection. Each connection is a minimum of 1 RDU.

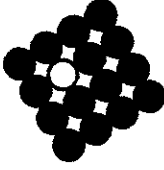
- ① MUELLER MODEL H-15008 CORPORATION STOP (FURNISHED AND INSTALLED BY BTMA).
- ② SCHEDULE 80 PVC CASING PIPE UNDER ROADWAYS. (SEE NOTE 2).
- ③ TYPE "K" COPPER TUBING (1" MINIMUM)
- ④ MUELLER MODEL H-15209 CURB STOP AND VALVE BOX (FURNISHED AND INSTALLED BY BTMA).
- ⑤ MUELLER HUNT METER BOX (SEE METER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

**NOTES:**

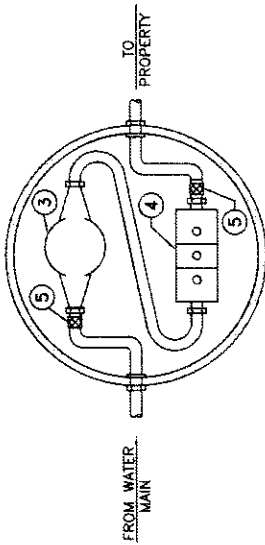
1. SIZE OF ALL FACILITIES TO BE DETERMINED BY APPLICANT'S/PROPERTY OWNER'S SPRINKLER DESIGNER.
2. THE APPLICANT/PROPERTY OWNER IS RESPONSIBLE FOR THE CONSTRUCTION (INCLUDING PIT EXCAVATION) AND COST FOR ALL BORES HAVING COPPER TUBING/CASING PIPE DIAMETER GREATER THAN 1". ALL NEW DEVELOPMENT CONSTRUCTION REQUIRES 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.



**PRIVATE FIRE SERVICE**  
**FOR RESIDENTIAL STRUCTURE**  
 N. T. S.

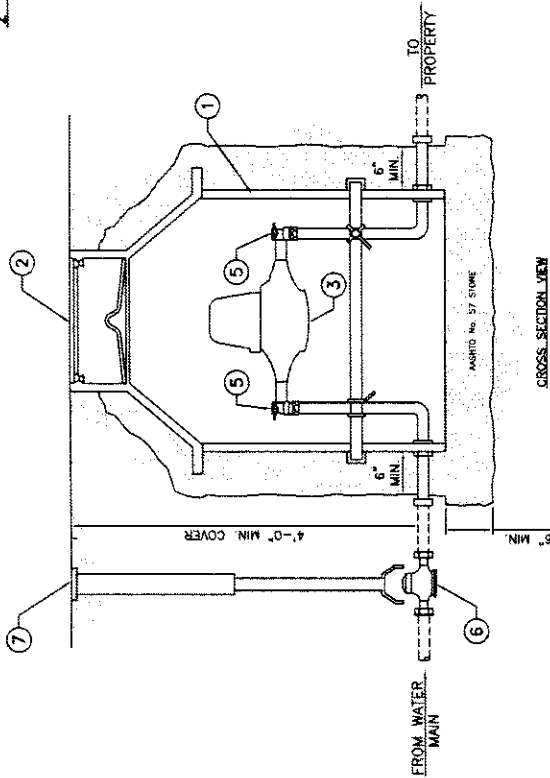
<b>Private Fire Service For Residential Structure</b>		<b>Brighton Township Municipal Authority</b>
1300 Brighton Road Beaver, Pennsylvania 15009		
<b>Scale:</b>	N.T.S.	
<b>Drawn By</b>		
<b>Checked By</b>		
<b>Approved By</b>		
<b>Filename:</b>	BTMA-19.dwg	
<b>Date:</b>	June 23, 2011	
		
<b>Lennon, Smith, Souleret</b> Engineering, Inc. 846 4th Avenue Coraopolis, Pennsylvania 15108 Phone: 412-264-4400 Fax: 412-264-1200 email: info@lsse.com		

**1" SERVICE CONNECTION AND METER**



- ① MUELLER HUNT RISER EZ-SETTER METER BOX (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ② MUELLER DOUBLE LID COVER WITH INSULATION BLANKET (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ③ 1" SENSUS PERL WATER METER (FURNISHED AND SET BY BTMA).
- ④ 1" WILKINS MODEL 950XLJ DOUBLE CHECK VALVE ASSEMBLY, TESTABLE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑤ 1" FULL PORT BALL VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑥ 1" MUELLER MODEL H-15209 CURB STOP (FURNISHED AND INSTALLED BY BTMA).
- ⑦ CURB BOX (FURNISHED AND INSTALLED BY BTMA).

**2" SERVICE CONNECTION AND METER**



- ① MUELLER HUNT RISER EZ-VAULT METER SETTER (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ② MUELLER DOUBLE LID COVER WITH INSULATION BLANKET (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ③ 2" SENSUS OMNI C2 WATER METER (FURNISHED AND SET BY BTMA).
- ④ 2" WILKINS MODEL 950XLJ DOUBLE CHECK VALVE ASSEMBLY, TESTABLE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑤ 2" FULL PORT BALL VALVE (FURNISHED AND INSTALLED BY APPLICANT/PROPERTY OWNER).
- ⑥ 2" MUELLER MODEL H-15209 CURB STOP (FURNISHED AND INSTALLED BY BTMA).
- ⑦ CURB BOX (FURNISHED AND INSTALLED BY BTMA).

**NOTES:**

1. AN EXPANSION TANK SHALL BE INSTALLED ON THE INLET SIDE OF THE WATER LINE TO THE WATER HEATER.
2. METERS PITS SHALL BE LOCATED IN NON-TRAFFIC AREAS.
3. VERIFY ALL CONNECTION TYPES PRIOR TO ORDERING METER SETTING.

**METER SETTING DETAIL**  
N. T. S.



**Lennon, Smith, Souleret**  
Engineering, Inc.  
846 4th Avenue  
Coraopolis, Pennsylvania 15108  
Phone: 412-264-4400  
Fax: 412-264-1200  
email: info@lss.com

Drawn By	Scale	N.T.S.
Checked By	Filename:	BTMA-18.dwg
Approved By	Date:	June 23, 2011

**Meter Setting Detail**  
**Brighton Township Municipal Authority**  
13003 Brighton Road  
Beaver, Pennsylvania 15009