

POLICY FOR INSTALLATION

OF

NEW WATER SERVICE TAPS
AND SPECIFICATIONS FOR
REQUIRED METER SETTINGS



Revised
April 1, 2011

GENERAL

For clarification to questions regarding specific provisions of this Policy for Installation, please contact 800-442-6829 extensions 5885 or 5886. This document also includes the Authority's specifications for the required meter settings and the prevailing billing rate schedule.

APPLICATION FOR WATER SERVICE

Applications for new service taps and service must be signed and payment made at our business office prior to the actual installation of the water tap. All payments will include the established prevailing tap fee at the application date in addition to any road occupancy permit fees required by your municipality. You will have one (1) year from the date of application to have your service line installed. In the event your service line is not installed within the one (1) year period, you may be required to pay for any increase in the price of tap and related fees from the date of your application to those in effect at the time of connection. No depositor of any premises serviced with water by the Authority will be allowed to supply water to other persons or families or other premises without the approval of the Authority. In applying for water service, you are agreeing to use the water according to the rules, regulations and rates approved by the Municipal Authority of Westmoreland County, copies of which are available for inspection or purchase at our business office.

WATER TAP INSTALLATIONS

After the application date, a representative of the Authority will contact the designated individual requested on the application for a field meeting to review the location of the water tap installation. The Authority will have final determination of the exact location of the new water tap. If proposed water tap is for new construction, all lots must be properly marked with appropriate number at the property line. The depositor will notify the Authority when the service line has been installed and the Authority will schedule the tap installation. The Authority will obtain the required permits for the tap installation.

SERVICE TAP INSTALLATIONS

The service line extending from the curb stop to the "Premises", and all required appurtenances, shall be installed by, and at the expense of, the depositor. The service line must be laid in a straight line and at a depth to provide not less than four (4) feet cover to protect from freezing. No service line shall be laid in the same trench with a gas pipe, drain or sewer pipe, or any other facility of another public service without Authority approval. Leave at least three (3) feet of pipe coiled above the ground at the tap site for the required hook up prior to backfilling the service line trench. All hook ups between the depositor's service line and the Authority tap must be approved by the Authority.

BILLING FOR SERVICE WILL BEGIN THE DAY THE TAP IS INSTALLED BY THE AUTHORITY.

SERVICE LINE MATERIAL

Type "K" copper must be used between the curb box and the required meter setting. Plastic pipe is permitted after the meter setting providing it is 160# pressure test. Please note that plastic pipe cannot be thawed by mechanical means when freezing occurs. The service line shall be no less than ¾" in size and shall be in keeping with the service for larger sizes.

CURB BOXES

No obstructions are to be placed over, in or around curb boxes in such a manner as to prevent normal operation of the curb stop, or result in damage to the curb box, curb stop, or service line. Curb stops at the curb line shall not be used by the customer for turning on, or shutting off, the water supply. Curb stops are for the exclusive use of the Authority, and should remain exposed and accessible. The depositor will be held responsible for any obstructions and/or damages.

CROSS CONNECTION CONTROL PROGRAM

In accordance with the Pennsylvania Department of Environmental Protection's Safe Water Drinking Act, the Authority hereby implements the following Cross Connection Control Program.

PA Title 25 Section 109.709

- (a) No person may introduce contaminants into a public water supply through a service connection of a public water system.
 - (1) It shall be the responsibility of the customer to eliminate cross-connection or provide backflow devices to prevent contamination of the distribution system from both backsiphonage and backpressure. Individual backflow preventers shall be acceptable to the public water supplier.
 - (2) If the customer fails to comply with paragraph (1) within a reasonable period of time, the water supplier shall discontinue service after reasonable notice has been made to the customer.

RESIDENTIAL CUSTOMERS: Installation of a dual check valve for backflow prevention is required by the Safe Drinking Water Act. This will create a closed system within your home and may require the installation of an overflow tank on your hot water tank, or the installation of a thermal expansion relief valve. Please consider this when you are preparing your plumbing for municipal water.

Total Containment (Premise Isolation) Program

- 1. Industrial Priority
(Hospitals, Manufacturing Facilities, etc.)
- 2. Commercial Priority
(Apartment Buildings, Retail & Office)
- 3. Residential Priority
Homes WITHOUT the following:
 - Alternative water source
 - Irrigation system
 - Business in home

ALL ASSEMBLIES AND/OR DEVICES INSTALLED MUST BE ASSE APPROVED:

- 1013: Reduced Pressure Backflow Assembly (RPBA)
- 1015: Double Check Valve Assembly (DCVA)
- 1024: Dual Check Backflow Preventer
- 1047: Reduced Pressure Detector Backflow Assembly (RPDA)
- 1048: Double Check Valve Detector Assembly (DCDA)

INSTALLATIONS

All assemblies and/or devices should be horizontal. Other positions as approved by the Water Authority. Follow Authority guidelines for location of backflow preventer and any valving required.

Reduced Pressure Assemblies (RPBA)

- Above ground heated enclosures preferred
- Underground vault not permitted
- Inside heated building
- Accessible for testing and repair
- Not to be installed in residential unless approved by Authority

Double Check Valve Assembly (DCVA)

- Underground vault permitted
- Above ground heated enclosures permitted
- Inside heated building
- Residential use permitted

Dual Check Valves

- Residential only, inside building or underground meter pit

FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS, ALL INSTALLATION AND/OR MAINTENANCE WORK MUST BE DONE BY A CERTIFIED BACKFLOW CONTRACTOR OR SPECIALIST.

TESTING

Methods:

New England Waterworks Association
American Society of Sanitary Engineering
Others as approved by Authority

Frequency:

Industrial - RPBA, once each year. Test due date based on installation date.

Commercial - DCVA or RPBA, once each year. Test due date based on installation date.

Residential - Dual Check and/or DCVA, visual check and/or test to coincide with meter maintenance. Change-out subject to manufacturer's recommendation.

THE ACCOUNT HOLDER MUST RETAIN A CERTIFIED TEST PROVIDER TO PERFORM THE REQUIRED ANNUAL TEST(S). TEST RESULTS (ONLY POSITIVE RESULTS ARE ACCEPTABLE) SHALL BE REPORTED TO THE MAWC ON AN APPROVED FORM WITHIN 60 DAYS AFTER THE TEST DATE.

ACCEPTABLE TESTER CERTIFICATIONS:

- American Society of Sanitary Engineering (ASSE)
- Backflow Management, Inc. (BMI)
- New England Waterworks Association (NEWWA)

Recertification required based upon each agency's requirements.

SURVEYING & HAZARDS

Completed by Water Authority on industrial facilities, based on degree of hazard.

Commercial and residential will be inspected during meter maintenance, renovations and/or owner/tenant change etc.

Table VII - 3.1 from Chapter seven of PA-DEP water supply manual used as guideline to determine which assembly to be used. ALWAYS check or contact Water Authority for final decision.

TERMINATIONS

Property owner has a sixty (60) day period to comply with installation and/or testing requirement. Non compliance after sixty (60) days will be subject to termination of service. If service is shut off, a turn on fee will be collected **BEFORE** water will be restored.

The Authority must assign a "Degree of Hazard" to all accounts. This "Degree of Hazard" will determine the type of backflow protection needed. The following steps will assure that there will be no interruption of service to any of our customers and water quality will not be compromised.

1. **High Hazard** – Will be determined by the Authority and will need to install Reduced Pressure Backflow Assembly (RPBA)
2. **Low Hazard** – Will be determined by the Authority and will need to install Double Check Valve Assembly (DCVA).
3. To avoid service interruptions, a parallel set, or twin set, of backflow devices should be used. These will consist of two (2) Pressure Reducing Valves (PRVs), two (2) Meters and two (2) Backflow Assemblies.
4. If the customer chooses to use only one (1) set of backflow devices, both customer and the Authority must sign an agreement as such. If test on this assembly fails, water must remain off until corrected.
5. All backflow assemblies must be approved by the Authority.

I choose to only have one (1) meter and one (1) backflow assembly installed on this account. I understand that in the event that failure of any sort, by the meter or backflow device, will cause my service to be terminated and remain off, until the situation is remedied to the satisfaction of the Authority.

Customer Name/Signature

Customer Address

Customer Telephone Number

Acct. Number/ Tap Number

MAWC Representative Signature

PRESSURE REDUCING VALVES

Due to varied elevations within the Authority's distribution system, certain areas will have high pressure. In order to protect your plumbing, the Authority requires customers to install pressure reducing valves before the meter setting.

PUBLIC NOTIFICATION OF LEAD

Only lead-free solder and materials are to be used for new construction or repairs. The Pennsylvania Department of Environmental Resources, under The Pennsylvania Plumbing System Lead Ban And Notification Act, requires all public water suppliers to obtain a certification that only lead-free materials will be used in the construction of new homes and buildings after January 6, 1991. Connection will be refused if proper certification is not provided. Certifications are available at the time of water tap application.

METER INSTALLATIONS

Upon completion of water tap being installed, the consumer can request the required meter setting by contacting our customer service department. New consumers are required to complete application forms located at our office or on our website. Listed below are the allowable meter settings and locations established by the Authority:

- (A) Inside meter settings are available to the consumer providing the distance between the curb stop and the service line entrance to the home is less than 100'. (See attached specifications)
- (B) Outside meter settings will be required if the distance from the curb stop and service line entrance into the home is over 100'. The installation and maintenance of the outside meter box will be the responsibility of the consumer. The ground box meter lid and meter yoke are available from the Authority at a nominal cost. Both the meter lid and yoke can be picked up at the time of the service tap application. Please note that the backflow prevention device must be installed inside a meter pit. (See attached specification)
- (C) Responsibility of home owner and tenants for water meter settings and water service
 - 1. Always plumb the meter settings so the meter will be positioned horizontally and in an area that is accessible to the meter department of the Authority. Even if there is a touch read meter set, the inside water meter must be maintained and read periodically.

With the above in mind, it is required:

- (A) Walking access to the inside meter
 - (B) The meter cannot be behind appliances
 - (C) The meter cannot be behind water softeners
 - (D) Meter setting must be six (6) inches from the wall
 - (E) Meter setting must be at least twelve (12) inches off the floor
 - (F) Meter setting cannot be more than fifty four (54) inches off the floor
 - (G) No settings in garage area
 - (H) No settings in crawl spaces
 - (I) No settings under steps in bi-level homes and townhouses, or backside of closet or any storage area
 - (J) Built in meters must have hinged or magnetic doors with items (A) thru (I) taken into consideration
 - (K) Meter must be installed in a fashion to keep from freezing
- 2. Notify the Authority when the water needs to be turned off at the street.
 - 3. Notify the Authority when work is to be performed within the meter setting.

4. Never remove the water meter.
5. Notify the Authority to have the outside touch pad unit removed for re-siding area where touch pad is mounted.
6. The setting
 - (A) Brass or copper
 - (B) Ball or gate valves (No bleed ports)
 - (C) Authority approved backflow preventers
 - (D) If first valve fails, it must be removed and replaced
7. When does the setting need updated?
 - (A) Whenever there is work done on the plumbing in the area of the setting
 - (B) Whenever the service line is replaced
 - (C) Whenever the check valve or backflow preventer fails or is not present in old setting
 - (D) No connections are allowed in the setting before the second valve
 - (E) Whenever the meter is incorrectly installed i.e. (vertical or inaccessible installations)

TEMPORARY WATER SERVICE CAN BE OBTAINED BY EITHER OF THE REQUIREMENTS LISTED BELOW:

- (A) Builder/Developer will install an outside meter setting ground box at a determined location per the attached specifications. Upon the Authority's setting a meter and turning on the requested service, the builder/developer will be billed according to the established rate schedule, which is in effect at that time.

(Note) Outside ground box setting can be used as permanent meter setting.

- (B) Builder/Developer will make \$150.00 non-refundable deposit with the Authority upon completion of water tap installation. Minimum billing, based on the meter size, will occur until written notification is given for termination. It shall be the builder/developer's responsibility to notify the Authority upon occupancy of the premises.

(Note) Builder/Developer will be responsible for billing until either termination notice or occupancy notice is given to the Authority.

ADDITIONAL INFORMATION

The MAWC retains certain governmental immunities under Pennsylvania Judiciary and Judicial Procedure, Title 42, Section 8541. Specifically, unless otherwise provided for by exception, the Authority bears no liability, "... for damages on account of any injury to a person or property caused by an act of the local agency or an employee thereof or any other person".

The MAWC shall bear no responsibility to the Owner for landscape repairs, replacements and/or reimbursements if such landscaping exists in and/or on a public right-of-way and/or other rights-of-ways granted to the Authority and/or others for use as a utility easement.

MAWC CONTACT INFORMATION

Mailing Address-Correspondence

Municipal Authority of Westmoreland County
PO Box 730
Greensburg, PA 15601-0730

Mailing Address-Bill Payments Only

Municipal Authority of Westmoreland County
PO Box 800
Greensburg, PA 15601-0800

New Stanton Business Office Location

Municipal Authority of Westmoreland County
124 Park and Pool Road
New Stanton, PA 15672

Telephone Numbers

New Water Tap Information	
Scheduling of Water Tap Installation	724-755-5800 Option #5 Distribution Department
New Meter Installation	724-755-5800 Option #4 Customer Service Department
Toll Free	800-442-6829

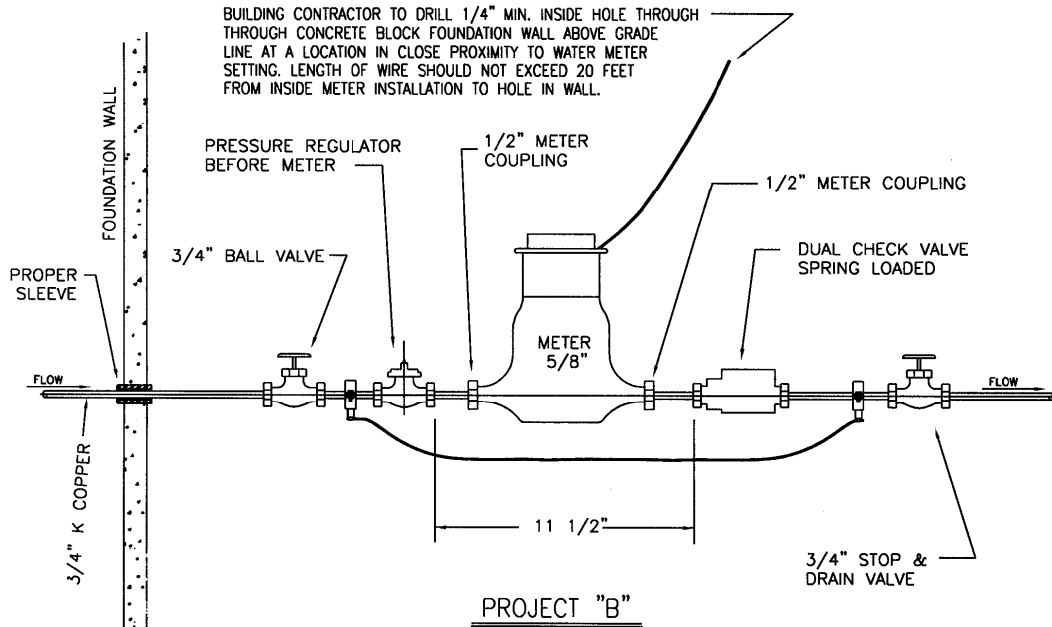
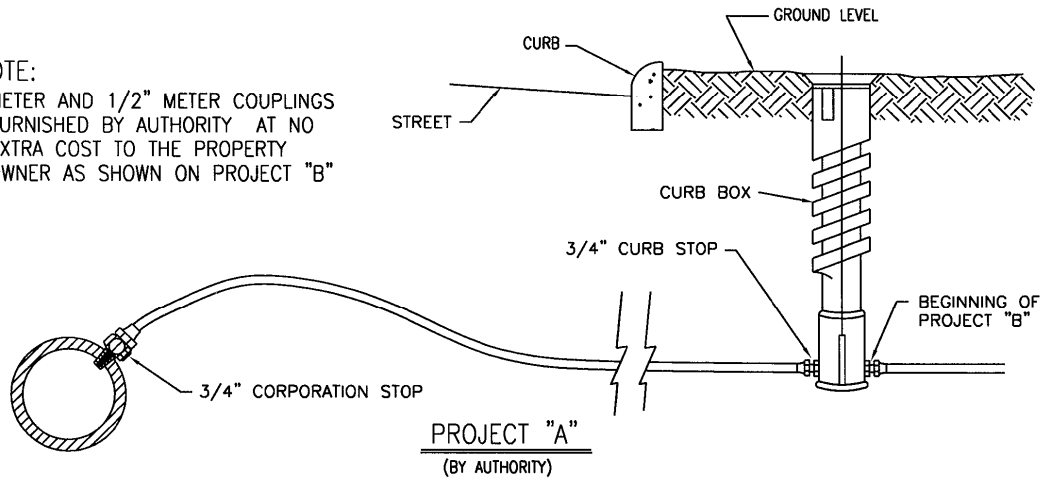
General Inquiries

New Stanton Business Office	724-755-5800
Toll Free	800-442-6829

Approved Service Line Set-Up For 5/8" Meter

NOTE:

METER AND 1/2" METER COUPLINGS FURNISHED BY AUTHORITY AT NO EXTRA COST TO THE PROPERTY OWNER AS SHOWN ON PROJECT "B"



NOTE: ANY MODIFICATIONS MUST BE APPROVED BY THE AUTHORITY.

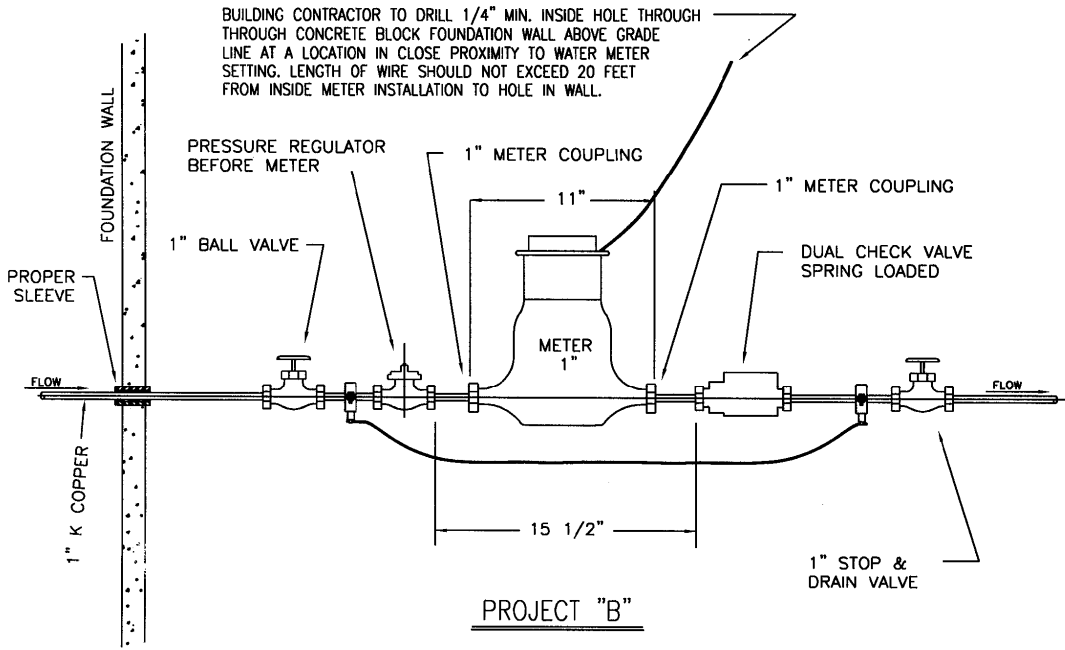
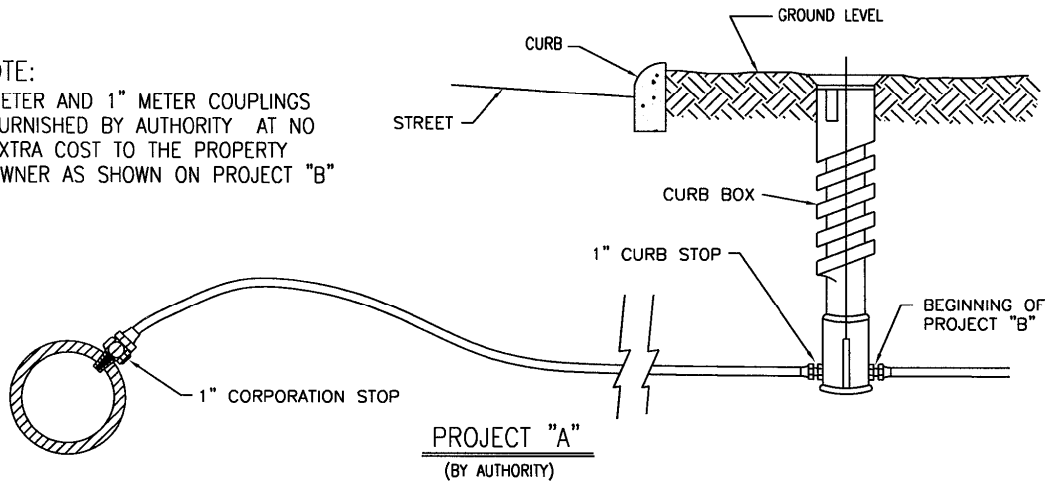
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DWN. BY: PJC	CKD. BY: PP
PHONE # 724-834-6500	
DWG. NO. : c:\DWGOS\PROJ\PLUMBS\REG\WTRP15	

MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
WESTMORELAND COUNTY, PENNSYLVANIA

Approved Service Line Set-Up For 1" Meter

NOTE:

METER AND 1" METER COUPLINGS FURNISHED BY AUTHORITY AT NO EXTRA COST TO THE PROPERTY OWNER AS SHOWN ON PROJECT "B"

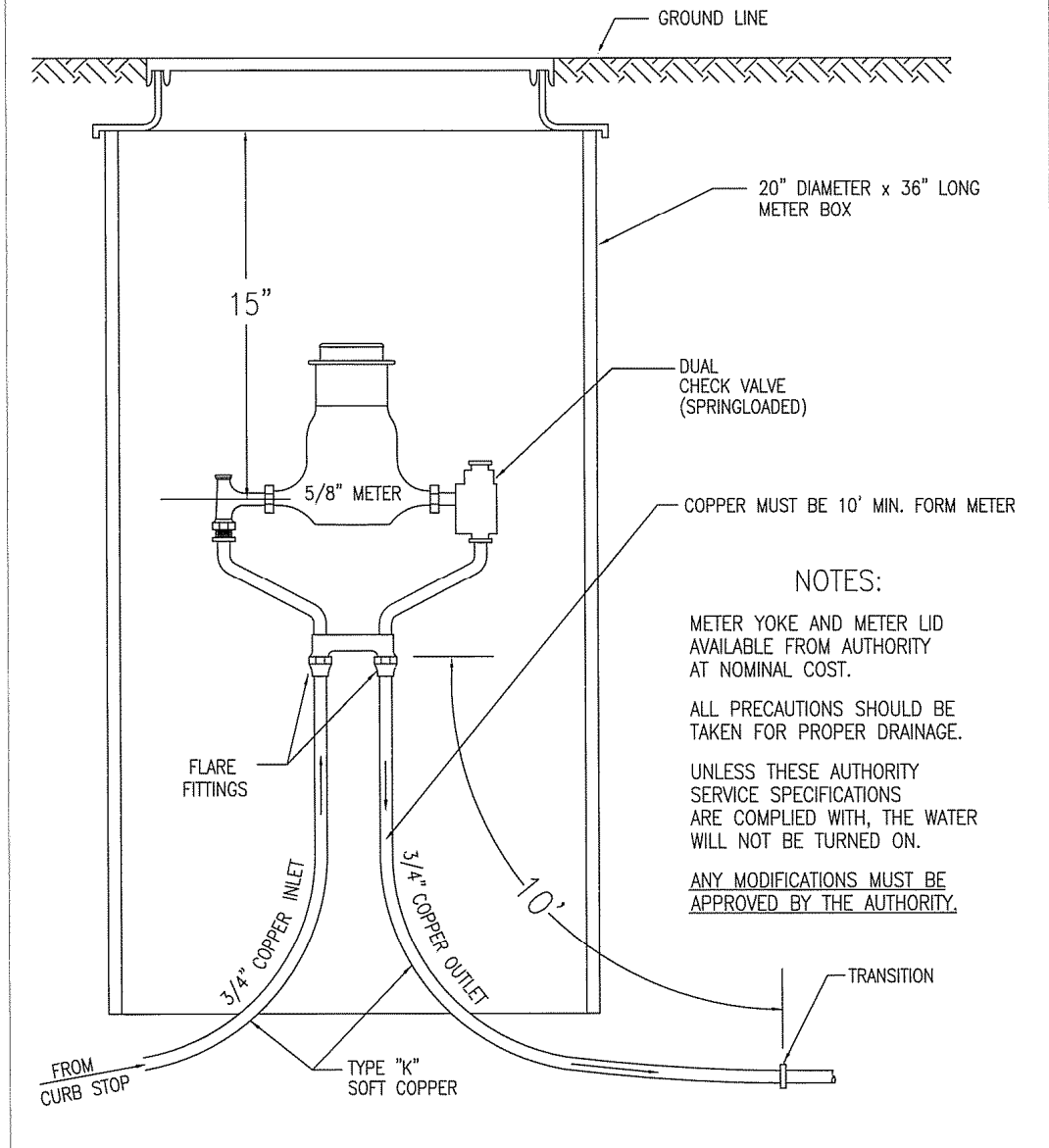


NOTE: ANY MODIFICATIONS MUST BE APPROVED BY THE AUTHORITY.

DATE: 04/24/01	SCALE: NTS
DWN. BY: PJC	CKD. BY: PP
PHONE # 724-834-6500	
DWG. NO. : C:\DWGCS\PROO\PUMPS®\MTRP118	

MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
WESTMORELAND COUNTY, PENNSYLVANIA

Approved Service Line Set-Up For 5/8" Meter

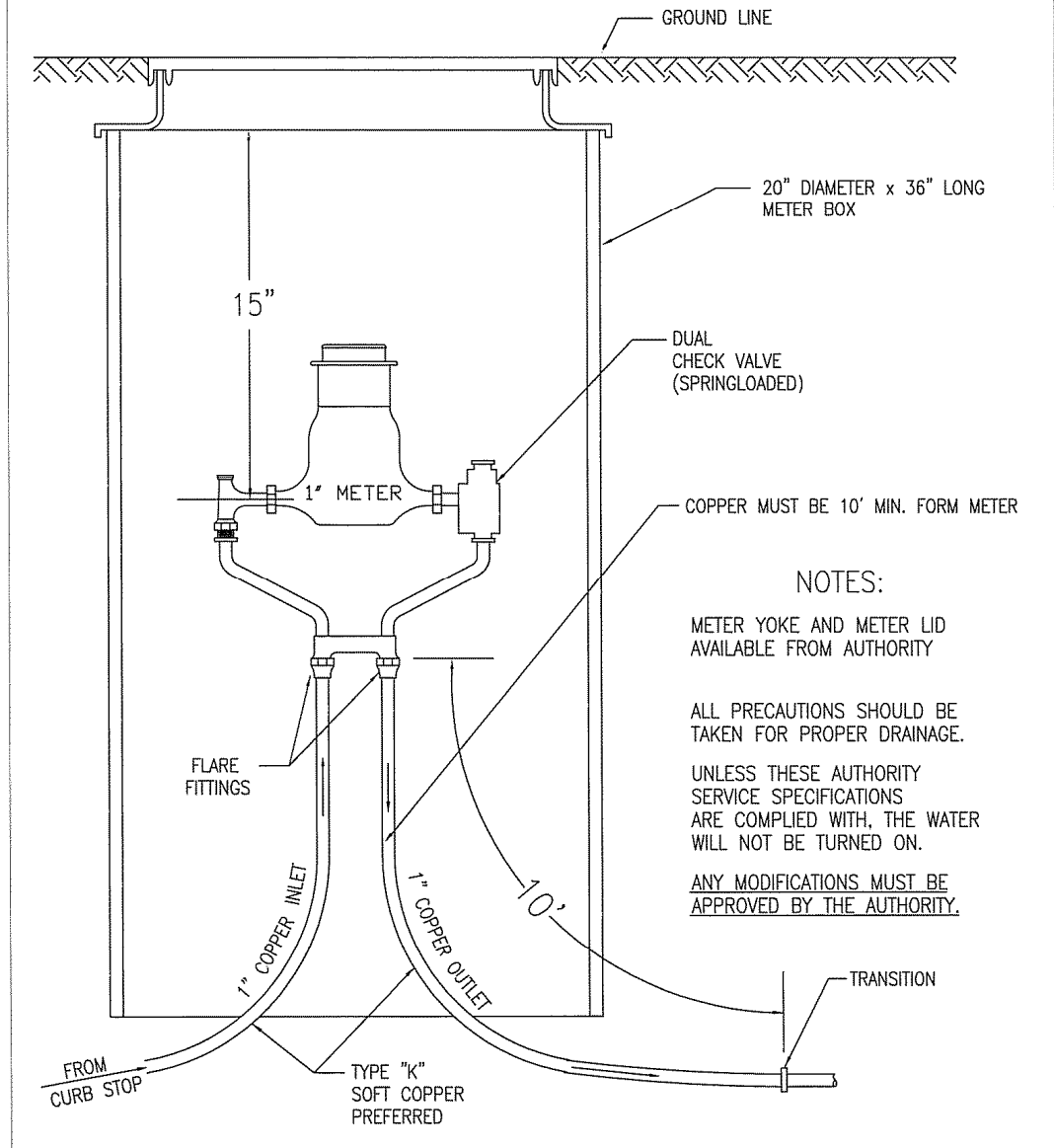


NOTES:
 METER YOKE AND METER LID AVAILABLE FROM AUTHORITY AT NOMINAL COST.
 ALL PRECAUTIONS SHOULD BE TAKEN FOR PROPER DRAINAGE.
 UNLESS THESE AUTHORITY SERVICE SPECIFICATIONS ARE COMPLIED WITH, THE WATER WILL NOT BE TURNED ON.
ANY MODIFICATIONS MUST BE APPROVED BY THE AUTHORITY.

DATE : 04/24/01	SCALE: NTS
DWN. BY: PJC	CKD. BY: PP
PHONE : 724-834-6500	
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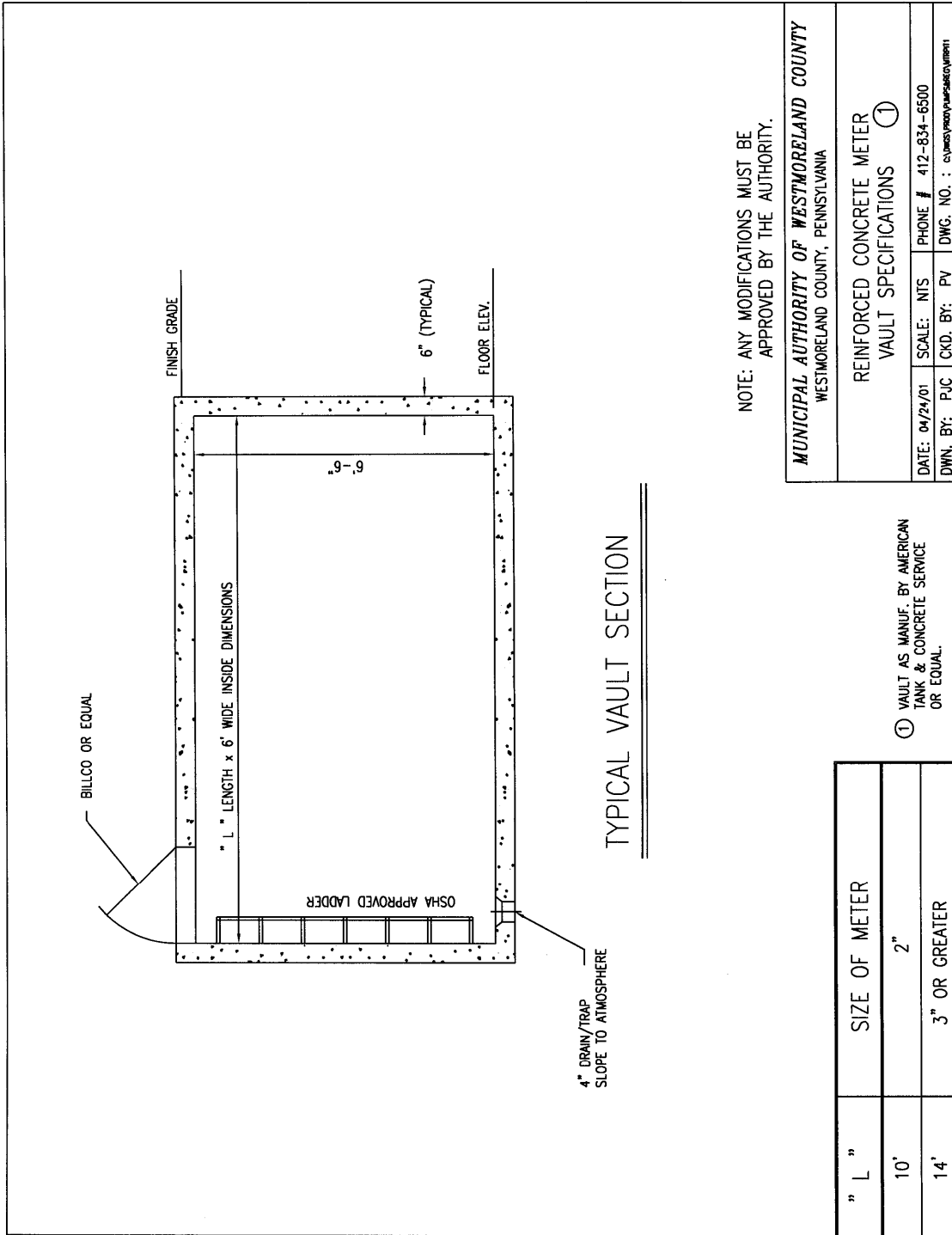
MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
 WESTMORELAND COUNTY, PENNSYLVANIA

Approved Service Line Set-Up For 1" Meter



DATE : 04/24/01	SCALE: NTS
DWN. BY: PJC	CKD. BY: PP
PHONE : 724-834-6500	
DWG. NO. : c:\dwg\PROJ\PLUMPS®\11RPT18	

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 WESTMORELAND COUNTY, PENNSYLVANIA



TYPICAL VAULT SECTION

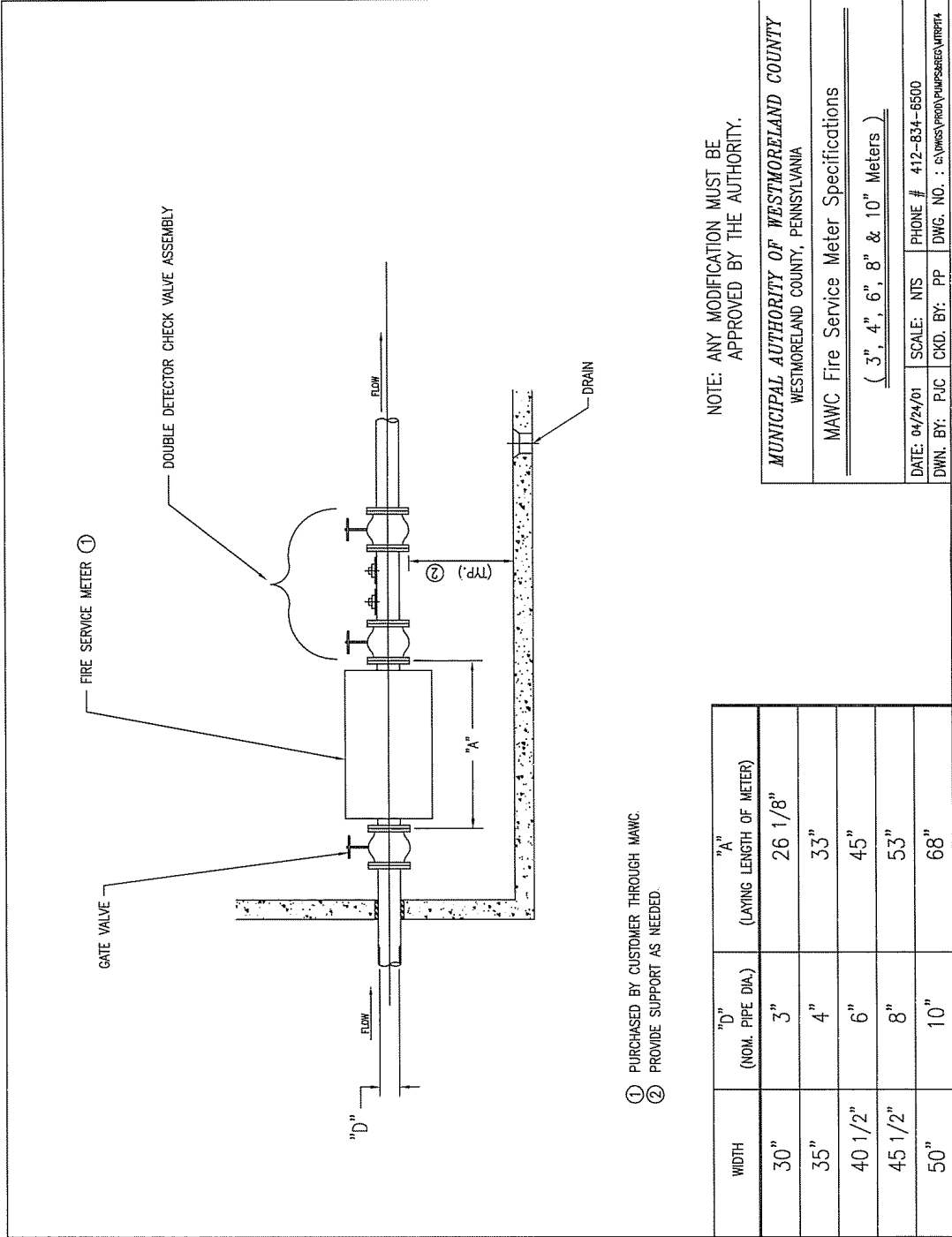
NOTE: ANY MODIFICATIONS MUST BE APPROVED BY THE AUTHORITY.

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WESTMORELAND COUNTY, PENNSYLVANIA

" L "	SIZE OF METER
10'	2"
14'	3" OR GREATER

REINFORCED CONCRETE METER VAULT SPECIFICATIONS ①			
DATE: 04/24/01	SCALE: NTS	PHONE # 412-834-6500	
DWN. BY: PJC	CKD. BY: PV	DWG. NO. : 04WESTP0004R01	

① VAULT AS MANUF. BY AMERICAN TANK & CONCRETE SERVICE OR EQUAL.



- ① PURCHASED BY CUSTOMER THROUGH MAWC.
- ② PROVIDE SUPPORT AS NEEDED.

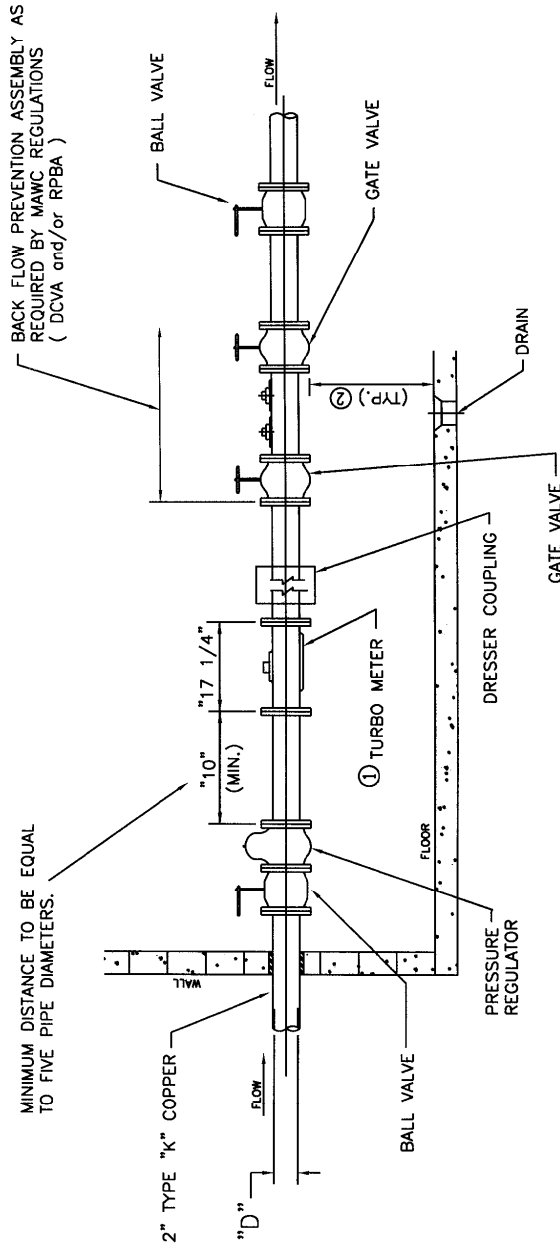
WIDTH	"D" (NOM. PIPE DIA.)	"A" (LAYING LENGTH OF METER)
30"	3"	26 1/8"
35"	4"	33"
40 1/2"	6"	45"
45 1/2"	8"	53"
50"	10"	68"

NOTE: ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY.

MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
 WESTMORELAND COUNTY, PENNSYLVANIA
 MAWC Fire Service Meter Specifications
 (3", 4", 6", 8" & 10" Meters)

DATE: 04/24/01 SCALE: NTS PHONE # 412-834-6500
 DWN. BY: PJC CKD. BY: PP DWG. NO. : c:\mawc\prou\purchases\valmetr1

NOTE: ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY.



- ① SUPPLIED BY MAWC.
- ② PROVIDE SUPPORT AS NEEDED.

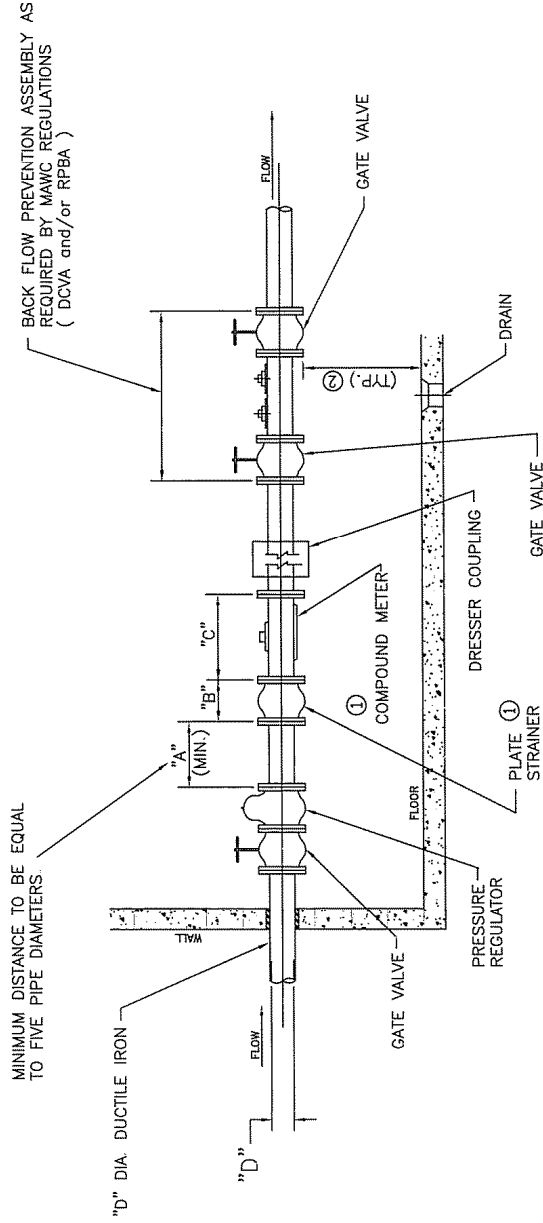
MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
WESTMORELAND COUNTY, PENNSYLVANIA

MAWC Meter Setting Specifications

(2" Turbo Meters)

DATE: 04/24/01	SCALE: NTS	PHONE # 724-834-6500
DWN. BY: PJC	CKD. BY: PP	DWG. NO. C:\DWG5\PRODD\PUMPS®\MTRPT2

NOTE: ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY.



- ① SUPPLIED BY MAWC.
- ② PROVIDE SUPPORT AS NEEDED.

MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY
WESTMORELAND COUNTY, PENNSYLVANIA

MAWC Meter Setting Specifications
(3", 4", 6" & 8" Compound Meters)

DATE: 04/24/01 SCALE: NTS PHONE # 724-834-6500
DWN. BY: PJC CKD. BY: PP DWG. NO. C:\DWG\PROD\PLUMBERS\RED\MTPT2A

"D" (NOM. PIPE DIA.)	"A" (MIN.)	"B"	"C" COMPOUND METER
3"	15"	6"	17"
4"	20"	9"	20"
6"	30"	9"	24"
8"	40"	10"	56"

RATE SCHEDULE

Applicable to metered customers in areas served by existing water systems acquired by the Authority, except for McKeesport, Port Vue, Truxall, and Forward Twp., for invoices rendered on or after April 1, 2009.

Minimum charge per Quarter by meter size:

Size of Meter	Minimum	Allowance
5/8"	\$ 34.54	3,000 Gallons
3/4"	\$ 40.51	3,000 Gallons
1"	\$ 51.38	3,000 Gallons
1-1/2"	\$ 91.39	3,000 Gallons
2"	\$ 143.71	3,000 Gallons
3"	\$ 279.89	3,000 Gallons
4"	\$ 415.49	3,000 Gallons
6"	\$ 821.24	3,000 Gallons
8"	\$1,360.40	3,000 Gallons
10"	\$2,029.64	3,000 Gallons
12"	\$2,698.85	3,000 Gallons
Next 237,000 Gallons		\$4.79 per 1000 gallons
Over 240,000 Gallons		\$3.00 per 1000 gallons

CAPITAL IMPROVEMENT SURCHARGE

Every Water Customer \$4.00 per annum

RATES FOR PUBLIC FIRE SERVICE

Each Public Fire Hydrant \$50.00 per annum

RATES FOR PRIVATE FIRE SERVICE

Each fire hydrant	\$ 265.20 per annum
Each 4" connection or smaller	\$ 426.00 per annum
Each 6" connection	\$1,489.20 per annum
Each 8" connection	\$2,551.20 per annum
Each 10" connection	\$4,252.80 per annum
Each 12" connection	\$6,379.20 per annum

No charge shall be made for water used in the extinguishing of accidental fires and water for other purposes shall not be drawn from a private fire connection.

RATES FOR TEMPORARY SERVICE

Service of a temporary nature such as required for building and construction purposes, etc., will be rendered under the metered rates. The cost of installation and removal of any facilities required to render such temporary service to be borne by the applicant for service.

Upon approval of an application for the supply of water service to any property not previously supplied, the following service connection fees will be charged by the Authority.

3/4" service	\$2,400.00
1" service	\$2,450.00
1" doubled to 3/4	\$3,000.00
2" service	\$5,000.00
4" service	\$10,000.00
6" service	\$15,000.00
8" or larger service	\$20,000.00

In addition to the above charges, the applicant for service will be required to reimburse the Authority for the cost of any paving permit required and the cost of repaving such opening or openings as may be made in any street or highway in connection with the installation of the service line installed pursuant to the application.

Upon the payment of such charges, the Authority will tap the main from which service is to be provided, insert corporation cock, install service pipe to curb line and install curb stop and service boxes. The Authority, however shall not install any such service in excess of 50 feet in length. The Authority will become responsible for the maintenance and repairs or replacement of any service line so installed.

FIRE HYDRANT CONNECTION FEES

Public Fire Protection:

If a fire hydrant installation is required by a political subdivision the applicant will make a money deposit of \$800.00 representing approximately 50% of the cost of such installation. Requests for fire hydrant installation will be accepted only on existing water mains of sizes six inch and larger provided, however, the hydrant branch shall not exceed 20 feet in length. If installation is requested on a pipe line larger than 12 inch in size, then the political subdivision will pay 50% of the actual cost of the installation, deposit to be made in advance based on the estimated cost.

Private Fire Protection:

Applications will be accepted for private fire service providing water mains of adequate size as determined by the Authority exist at the location. The installation will be made at the expense of the customer.

All bills except to municipalities, shall be payable within fifteen (15) days of the date of the bill, after which a penalty of 5% will be added. However, if there is an arrearage shown on the bill the full amount is due and payable upon receipt.