RULES AND REGULATIONS OF THE DELAWARE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

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Prepared For:
Delaware Township Municipal Utilities Authority
P.O. Box 103
Sergeantsville, NJ 08557

ATTN: Ms. Dianne Rankin P: 908-782-9601

F: 908-782-4295

Adam G. Stern, P.E. Professional Engineer

New Jersey License No. 41636

Jens Riedel, P.E.

Professional Engineer

Jens Riedel.

New Jersey License No. 45548

POLICY STATEMENT REGARDING SEWER EXTENSIONS ADOPTED JUNE 2003

The Delaware Township Municipal Utilities Authority (DTMUA) is a small authority with limited budgetary and personnel resources. Therefore, the DTMUA will no longer consider proposed extensions to its sanitary sewer system that require the use of a pumping station. All proposed sewer extensions are to be designed using gravity sewers. The DTMUA will consider the use of pumping systems serving individual properties provided these systems are to be owned and maintained by the property owner.

POLICY STATEMENT REGARDING NEW CONNECTIONS ADOPTED FEBRUARY 2008

New connections for water and /or sewer service will not be allowed for properties whose owners have [a past due] outstanding balance owed to the DTMUA. All monies owed must be paid in full before service will be provided.

POLICY STATEMENT REGARDING CHANGES ADOPTED MARCH 2019

Definitions of certain terms have been clarified and revised for consistency. The formatting and presentation of this document has also been updated. The ownership and responsibility for Building Sewers and Water Service Lines has been clarified as follows:

- The Authority owns and is responsible for maintaining the portion of Building Sewers that are within the Right of Way. If the most downstream Cleanout is located outside of the Right of Way, the Authority is responsible for maintaining the Building Sewer up to and including that Cleanout. The Authority is not responsible for blockages in Building Sewers caused by usage of the Building Sewers by the units served.
- The Authority owns and is responsible for maintaining the portion of Water Service Line that are within the Right of Way. In addition, if the curb valve is located outside of the Right of Way, the Authority is responsible for maintaining the Water Service Line up to and including the curb valve.

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RULES, REGULATIONS AND RATES OF THE DELAWARE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

The following Rules and Regulations shall be and are hereby declared to be the Rules and Regulations of the Delaware Township Municipal Utilities Authority for the Sewer and Water Systems, effective by Resolution duly adopted by the Delaware Township Municipal Utilities Authority to wit:

By Order of the Authority,

Delaware Township Municipal Utilities Authority

ARTICLE I - ABBREVIATIONS AND DEFINITIONS

SECTION I-1 ABBREVIATIONS

AASHTO American Association of State Highway and Transportation Officials

ANSI American National Standards Institute

ASA American Standards Association

ASTM American Society for Testing Materials

AWWA American Water Works Association

BOD Biochemical Oxygen Demand

DIP Ductile Iron Pipe

DTMUA Delaware Township Municipal Utilities Authority

EPA Environmental Protection Agency

NJDEP New Jersey Department of Environmental Protection

PVC Polyvinyl Chloride

NJDOT New Jersey Department of Transportation

NSPC National Standard Plumbing Code

SECTION I-2 DEFINITIONS

Unless the context specifically and clearly indicates otherwise, the meaning of terms used in these Rules and Regulations shall be as follows:

- Authority shall mean the Delaware Township Municipal Utilities Authority (DTMUA).
- Authority Engineer shall mean the engineer appointed by the DTMUA who, among other regular duties, is authorized to review and recommend approval of submissions and construction.
- **BOD** (Biochemical Oxygen Demand) shall mean the quantity of oxygen, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter under standard laboratory procedure for five (5) days at twenty (20) degrees Centigrade. The standard laboratory procedure shall be that found in the latest edition of "Standard Methods".
- **Building Sewer** (also referred to as Sewer Lateral) shall mean the plumbing conduit from the building envelope to the Collection System Main. The Authority owns and is

responsible for maintaining the portion of Building Sewers (Sewer Laterals) that are within the Right of Way. In addition, if the most downstream Cleanout is located outside of the Right of Way, the Authority is responsible for maintaining the Building Sewer up to and including the Cleanout. The Authority is not responsible for blockages in Building Sewers caused by usage of the Building Sewers by the units served.

- **Cleanout** shall mean a four inch (minimum) diameter access port to a Building Sewer that facilitates cleaning and inspection, and is constructed and maintained in accordance with these Regulations, and with the National Standard Plumbing Code.
- Collection System shall mean any sanitary sewer main located under highways, roads, streets, and rights-of-way to which Building Sewers are connected. The Collection System also includes manholes and related appurtenances. The Collection System conveys wastewater to the Wastewater Treatment Facility, and into which storm, surface water, groundwater, and all other liquids not defined as sanitary wastewater are not intentionally admitted.
- Collection System Main (Sewer Main) shall mean any pipe or conduit, excluding Building Sewers, constituting a part of the Collection System used or usable for wastewater collection purposes and to which liquids, other than Sanitary Wastewater, are not admitted intentionally.
- **Corporation Stop** shall mean a special stop valve that is installed under pressure directly into the water Distribution System Main.
- Curb Stop shall mean a control valve on the Water Service Line of a building, usually
 placed near the street, used to shut off the water supply in case of emergency. The Curb
 Stop shall be provided with a curb box to allow access to the valve from grade
- **Distribution System** shall mean the potable water storage tank, potable water pipes under highways, roads, streets and rights-of-way with branch Water Service Lines that distribute potable water. The Distribution System also includes all valves, hydrants, fittings, and related appurtenances
- **Distribution System Main** shall mean the potable water pipe, excluding Water Service Lines, used or useable for water distribution.
- Equivalent Dwelling Unit(s) (EDU) shall be the measure by which Water Units and Sewer Units are calculated.
- **Force Main** shall mean a pressure pipe located under highways, roads, streets and rights-of-ways used or usable to convey pumped Sanitary Wastewater.
- **Garbage** shall mean organic wastes resulting from preparation, cooking and dispensing of food and from handling, storage and sale of food products and produce.
 - "Shredded Garbage" shall mean the residue from the preparation, cooking, and dispensing of food that has been shredded to such degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers with no particle greater than one-half inch (1/2") in any dimension.

- **Improved Property** shall mean any property within the DTMUA Service Area upon which there is erected a structure intended for continuous or periodic habitation, occupancy, or use by humans or animals and to which structure potable water is served and/or from which structure Sanitary Wastewater may be discharged.
- Industrial Waste shall mean solid or liquid substances discharged, permitted to flow or
 escaping in the course of any industrial, manufacturing, trade or business process or in
 the course of the development, recovery of processing of natural resources, as distinct
 from Sanitary Wastewater.
- **Infiltration** shall mean precipitation, runoff, and/or groundwater that enters the Collection System below grade through leaks in Building Sewers, Collection System Mains, manholes, pumping stations, or any other component of the Collection System.
- Inflow shall mean water that enters the Collection System via the surface from such sources including but not limited to as roof leaders, cellar, yard and area drains, foundation drains, sump pumps, cooling water discharges, drains from springs and swampy areas, manhole covers, and cross connections from storm sewers or catch basins.
- **Owner** shall mean any Person vested with ownership, legal or equitable, sole or partial, of any property located in the DTMUA Service Area.
- **Person** shall mean any individual, partnership, company, association, society, corporation or other group or entity.
- **pH** shall mean the logarithm (base 10) of the reciprocal of the weight of hydrogen ions, expressed in grams per liter of solution, and indicates the degree of acidity or alkalinity of a substance.
- **ppm** or Parts Per Million shall mean parts per million. For water, ppm is equivalent to mg/l (milligrams per liter).
- **Pumping Station** shall mean a wastewater pumping or ejector station typically used to pump lift of sanitary wastewater from a low elevation to a higher elevation.
- Right(s) of Way shall mean the transportation easements established for township and county roads within the Service Area
- Sanitary Wastewater shall mean normal water-carried household wastes from an Improved Property, exclusive of industrial wastes or storm and surface waters and drainage.
- **Service Area** shall mean that area already served or to be served with potable water distribution and sanitary wastewater collection by the Authority.
- Sewer (or Sewer Main) shall mean any pipe or conduit constituting a part of the Collection System used or usable for wastewater collection purposes and to which

- liquids, other than Sanitary Wastewater, are not admitted intentionally. See also Collection System Main.
- **Sewer Unit** shall mean the unit by which the DTMUA charges annually for connection to the Collection System. For sewer customers of the DTMUA, one Sewer Unit is equal to one EDU.
- Sewer System shall mean all facilities for collecting, pumping, treating, and disposing of Sanitary Wastewater located in the Service Area, owned or operated or both, by the Authority.
- **Slug** shall mean any discharge which, in concentration of any given constituent or in quantity of flow, exceeds for any period of longer duration than 15 minutes, more than 5 times its average hourly concentration of flow.
- Standard Methods refers to the examination and analytical procedures set forth in the most recent edition of "Standard Methods for the Examination of Water and Wastewater" published jointly by the American Public Health Association, American Water Works Association, and the Water Environment Federation.
- **Storm Sewer** (or Storm Drain) shall mean a conduit intended to carry storm, surface, and groundwater drainage.
- **Street** shall mean and include any street, highway, road, lane, court, alley and public square.
- **Surcharge** shall mean the extra charge levied on those Persons whose wastes are greater in strength than the concentration values established as representative of medium strength wastewater, as defined in "Wastewater Engineering Treatment and Resource Recovery", Metcalf and Eddy, latest edition.
- Suspended Solids shall mean solids that either float or are in suspension in water, wastewater or other liquids and which are removable by laboratory filtration. The standard laboratory procedure to measure the concentration of Suspended Solids shall be that found in the latest edition of "Standard Methods".
- Wastewater Treatment Facility shall mean the entirety of DTMUA's treatment facility operated under NJPDES Permit NJ0027561.
- Water Service Line (or Water Service Lateral) shall mean the conduit extending from the Authority's Main (Distribution Main) to a building. The Authority's public system shall end at the curb stop or the right-of-way boundary, whichever is closest to the building being served.
- Water System shall mean the Water Treatment Facility, the Distribution System, and all related appurtenances located in the Service Area, owned or operated or both, by the Authority.

- Water Treatment Facility shall mean the wells, treatment system, and all related valves, meters, pumps, equipment, and appurtenances operated and maintained to supply the Water Distribution System.
- Water Unit shall mean the unit by which the DTMUA charges annually for connection to the Distribution System. For water customers of the DTMUA, one Water Unit is equal to one EDU.

ARTICLE IIA - WATER SERVICE LINES AND CONNECTIONS

SECTION IIA-1 PERMIT REQUIRED

No person shall uncover, connect with, make any opening into or use, alter or disturb in any manner, any part of the water Distribution System without first obtaining a permit, in writing, from the Authority. Such permit shall be issued to each Owner required to connect to the Distribution System by Ordinance of the Township, subject always to compliance with these Rules and Regulations. Such permit may also be issued by the Authority to Owners not so required to connect.

SECTION IIA-2 APPLICATION FOR PERMIT

Application for permit required under Section IIA-1 shall be made by the Owner of the Improved Property to be served. Applications must be made on Authority forms intended for this purpose.

SECTION IIA-3 CONDITIONS

No person shall make, or cause to be made, a connection of any Improved Property with a part of the Water System until such Person has fulfilled each of the following conditions:

- A. Such Person shall have applied for and obtained a permit as required by Section IIA-1.
- B. Such Person shall have given the Authority's Secretary and Engineer at least forty-eight (48) hours' notice of the time when such connection will be made so that the Authority may supervise and inspect the work of connection and necessary testing.

SECTION IIA-4 SEPARATE BUILDING CONNECTIONS

Each structure on each Improved Property shall be connected separately and independently to the Distribution System with a Water Service Line. Grouping of more than one structure on one Water Service Line shall not be permitted.

SECTION IIA-5 COSTS BORNE BY OWNER

All costs and expenses of construction of a Water Service Line and all costs and expenses of connection of a Water Service Line to a Distribution System Main shall be borne by the Owner of the Improved Property to be connected; and such Owner shall indemnify and hold harmless the Authority from all loss or damage that may be occasioned, directly, or indirectly, as a result of construction of a Water Service Line or of connection of a Water Service Line to a Distribution System Main.

SECTION IIA-6 MATERIALS

Materials for a Water Service Line, and methods of installation and connection, shall be in accordance with requirements of Article IIIA and shall be subject to approval of the Authority.

SECTION IIA-7 DISPLAY OF PERMIT

The permit required by Section IIA-1 shall be displayed prominently upon the Improved Property to be connected to a Distribution System Main at all times during construction of the Water Service Line and connection of the Water Service Line to a Distribution System Main.

SECTION IIA-8 POINT OF CONNECTION

A Water Service Line shall be connected to a Distribution System Main at a Corporation Stop. No person shall make a connection directly to or tamper with a water main in any manner without permission.

SECTION IIA-9 CONSTRUCTION METHODS

All methods of construction must be as shown on the drawings adopted by the Authority entitled, "Water System Construction Details".

ARTICLE IIB - BUILDING SEWERS AND CONNECTIONS

SECTION IIB-1 PERMIT REQUIRED

No person shall uncover, connect with, make any opening into, or use, alter or disturb, in any manner, any component of the Collection System without first obtaining a permit, in writing, from the Authority. Such permit shall be issued to each Owner required to connect to a Collection System Main, by Ordinance of the Township, and subject always to compliance with these Rules and Regulations. Such permit may also be issued by the Authority to Owners not so required to connect.

SECTION IIB-2 APPLICATION FOR PERMIT

Application for a permit required under Section IIB-1 shall be made by the Owner of the Improved Property to be served. Applications must be made on Authority forms intended for this purpose.

SECTION IIB-3 CONDITIONS

No person shall make, or cause to be made, a connection of any Improved Property to the Collection System until such Person has fulfilled each of the following conditions:

- A. Such Person shall have applied for and obtained a permit as required by Section IIB-1
- B. Such Person shall have given the Authority's Secretary and Engineer at least forty-eight (48) hours' notice of the time when such connection will be made so that the Authority may supervise and inspect the work of connection and necessary testing. Notice shall be provided by the Owner.

SECTION IIB-4 SEPARATE BUILDING CONNECTIONS

Except as otherwise provided in this Section, each structure on each Improved Property shall be connected separately and independently to a Collection System Main, by a Building Sewer. Grouping of more than one structure on one Building Sewer shall not be permitted, except under special circumstances and for good sanitary reasons or other good cause shown, and then only after special permission of the Authority, in writing, has been secured.

SECTION IIB-5 COSTS BORNE BY OWNER

All costs and expenses of construction of a Building Sewer and all costs and expenses of connecting a Building Sewer to a Collection System Main shall be borne by the Owner of the Improved Property to be connected; and such Owner shall indemnify and hold harmless the

Authority from all loss or damage that may be occasioned, directly, or indirectly, as a result of construction of a Building Sewer or of connection of a Building Sewer to a Collection System Main.

SECTION IIB-6 MATERIALS

Materials for a Building Sewer, jointing materials and methods of installation and connection shall be in accordance with requirements of Article IIIB and shall be subject to approval of the Authority.

SECTION IIB-7 DISPLAY OF PERMIT

The permit required by Section IIB-1 shall be displayed prominently upon the Improved Property to be connected to a Collection System Main at all times during construction of the Building Sewer and connection of the Building Sewer to a Collection System Main.

SECTION IIB-8 POINT OF CONNECTION

No person shall make a connection directly to or tamper with a Collection System Main in any manner without permission. The invert of a Building Sewer at the point of connection to a Collection System Main shall be at an elevation higher than the invert of the Collection System Main so that the pipes meet crown to crown. A smooth, neat joint shall be made and the connection of a Building Sewer to a Collection System Main shall be made secure and watertight. Special fittings for connection of a Building Sewer to a Collection System Main may be used only after approval of the Authority Engineer has been secured.

SECTION IIB-9 CONSTRUCTION METHODS

All methods of construction must be as shown on the drawings adopted by the Authority entitled, "Sanitary Sewer Construction Details".

ARTICLE IIIA - WATER SERVICE LINES AND CONNECTIONS TO MAINS

SECTION IIIA-1 SIZE

Water Service Lines shall be no less than 1 inch in diameter for each connection. Larger diameters of pipe may be required by the Authority. Generally speaking, diameters will be increased for Water Service Line lengths longer than 100 feet.

SECTION IIIA-2 PIPE MATERIAL

Pipe used for Water Service Lines shall be Type K Copper.

SECTION IIIA-3 PIPE LAYING

Uniform bearing shall be provided along the entire length of a Water Service Line, and all joints shall be watertight and rust or corrosion proof.

SECTION IIIA-4 CONNECTION PROCEDURE

Where an Improved Property, at the time of securing a permit under Section IIA-1 to connect to a Distribution System Main, shall be served by its own water system or device, the existing house service line shall be broken on the structure side of such system or device and attachment shall be made, with proper fittings, to continue such house line, as a Water Service Line, undiminished in inside diameter, but not less than those diameters specified in Section IIIA-1 to the main.

SECTION IIIA-5 FITTINGS

Fittings in a Water Service Line shall conform to the type of pipe used.

SECTION IIIA-6 CORPORATION STOP, CURB STOP/BOX

A Corporation Stop is required for connection at the Distribution System Main and a Curb Stop with box is required behind the curb line. Saddles, valves, and boxes shall be approved by the Authority Engineer prior to installation. When a connection is made to an asbestos-cement Distribution System Main, the Owner of the Improved Property must ensure that the contractor performing the connection is properly certified to work with asbestos-cement pipe and that any waste material is properly disposed.

SECTION IIIA-7 INSPECTION BY AUTHORITY

At all times prior to and during the installation of a Water Service Line, the materials, construction and method of installation shall be subject to the supervision and inspection of the Authority Engineer or his designated representative. The Authority Engineer or his representative shall

observe all testing of a Water Service Line. All equipment and materials required for testing shall be furnished by the Owners of the Improved Property to be connected to a Distribution System Main.

SECTION IIIA-8 TESTING

Every Water Service Line shall be tested at 100 pounds per square inch and observed for leakage or as required by the Authority. Where leakage is observed, the Water Service Line will be repaired and retested at the Owner's expense. A fee will be charged by the Authority for observation of each test. No Water Service Line shall be covered until it has been inspected, tested, and approved. If any part of a Water Service Line is covered before so being inspected, tested and approved, it shall be uncovered for inspection and testing at the cost and expense of the Owner of the improved Property to be connected to a Distribution System Main.

SECTION IIIA-9 PLUMBER SIGNATURE

Prior to testing and inspection of a Water Service Line, the Owner of the Improved Property to be connected to a Distribution System Main shall exhibit to the Authority Engineer or his representative his connection permit, in duplicate, duly signed by the plumber. Upon approval of a Water Service Line and connection, the Authority Engineer or his representative shall insert the date of approval and sign the original and duplicate copy of the permit, and deliver an executed copy to the Owner of the Improved Property. The original permit shall be filed with the Authority and retained in its official records.

SECTION IIIA-10 DEFECTIVE WATER SERVICE LINE

Whenever the Authority has reason to believe any Water Service Line has become defective, such Water Service Line shall be subject to test and inspection. Defects found upon such test and inspection, if any, shall be corrected as required by the Authority in writing, at the cost and expense of the Owner of the Improved Property served by such Water Service Line. All repairs, alterations or additions to any Water Service Line shall be made in accordance with these Rules and Regulations.

SECTION IIIA-11 MAINTENANCE OF SERVICE LINE

Every Water Service Line of any Improved Property shall be maintained in a sanitary and safe operating condition by the Owner of such Improved Property.

SECTION IIIA-12 EXCAVATION

Every excavation for a Water Service Line shall be guarded adequately with barricades and lights, as applicable, to protect all Persons from damage and injury. Streets, sidewalks and other public property disturbed in the course of installation of a Water Service Line shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a

manner satisfactory to the Authority and any other agency responsible for the public property which was disturbed.

SECTION IIIA-13 ADHERENCE TO RULES AND REGULATIONS

After any section of the Water System constructed by the Authority shall have been completed and after all units required to be connected to such section shall have been so connected and such system shall be in operation, the Owner of each additional unit thereafter connected to such system shall comply, with respect to such connection, with the provisions of Article IIA and Article IIIA hereof currently in effect. All repairs, alterations and additions to any Water Service Line shall be made in accordance with the Authority's Rules and Regulations currently in effect.

SECTION IIIA-14 AWWA STANDARDS

Unless otherwise stated herein, all materials and workmanship must be in accordance with standards published by the American Water Works Association and the National Standard Plumbing Code.

ARTICLE IIIB - BUILDING SEWERS AND CONNECTIONS TO SEWERS

SECTION IIIB-1 SIZE AND SLOPE

Building Sewers shall be no less than four (4) inches in diameter for each connection. The slope or grade of a Building Sewer when the inside diameter is four (4) inches or more, shall be no less than one-quarter (1/4) inch per foot of length and shall be downward in the direction of the flow; provided, however, that when plastic PVC sewer pipe shall be used the slope may be reduced but shall be not less than one-eighth (1/8) inch per foot of length. Larger diameter Building Sewers shall be used where directed by the Authority.

SECTION IIIB-2 PIPE MATERIALS

Pipe used in a Building Sewer or Collection System Main shall be one of the following types:

- A. Plastic Pipe PVC Schedule 40
- B. Ductile Iron Pipe must be used whenever the cover is less than three feet and the line is within a road right-of-way or under a driveway.

SECTION IIIB-3 PIPE LAYING

Uniform bearing shall be provided along the entire length of a Building Sewer, and all joints of a Building Sewer shall be watertight and rust-proof. No cement mortar joints shall be used.

SECTION IIIB-4 CONNECTION PROCEDURE

Where an Improved Property, at the time of securing a permit (under Section IIB-1) to connect to a Collection System Main, is presently served by its own wastewater disposal system or device, the existing house sewer line shall be disconnected on the structure side of such wastewater disposal system or device and attachment shall be made, with proper fittings, to continue such house sewer line as a Building Sewer, undiminished in inside diameter, but not less than those diameters specified in Section IIIB-1.

SECTION IIIB-5 FITTINGS

Fittings in a Building Sewer shall conform to the type of pipe used.

SECTION IIIB-6 CHANGES IN DIRECTION

Changes in direction in a Building Sewer must be made by use of "Y" branches or of 1/8 or 1/16 bends. See also Section IIIB-8, Cleanouts.

SECTION IIIB-7 JOINTS

Joints of PVC sewer pipe in a Building Sewer shall be either solvent welded or of the compression type joint. Joints of ductile iron pipe shall be of a type that employs a single elongated grooved gasket to effect the joint seal. Joints between ductile iron soil pipe and PVC plastic sewer pipe in a Building Sewer shall be made by use of a rubber "O-Ring" compression type fitting, as approved by the Authority Engineer.

SECTION IIIB-8 CLEANOUTS

Cleanouts shall be provided on each Building Sewer as shown on the Sanitary Sewer Construction Details and consistent with the National Standard Plumbing Code. Cleanout spacing shall be a maximum of 75 feet for pipe of four inches or less in diameter and 100 feet for pipe of five to ten inches in diameter. A cleanout is to also be provided at each change of direction in the pipe of greater than 45 degrees except that not more than one shall be required in every 40 feet of run. Where a building drain and Building Sewer are joined within three feet of the building, a cleanout will be provided. Cleanouts shall be constructed by using a PVC "Y" fitting in the run of pipe with a 45 degree bend and 4 inch diameter PVC riser flush to the ground surface. The riser pipe must be provided with a standard 4 inch screw type ferrule.

SECTION IIIB-9 INSPECTION BY AUTHORITY

At all times prior to and during the installation of Building Sewers, the materials, construction and method of installation shall be subject to the supervision and inspection of the Authority Engineer or his/her designated representative. The Authority Engineer or his/her representative shall observe all testing of a Building Sewer. All equipment and materials required for testing shall be furnished by the Owners of the Improved Property to be connected to a Collection System Main.

SECTION IIIB-10 TESTING

Every Building Sewer shall be tested by filling the same with water, completely, so that every section shall be tested with not less than a ten (10) foot head of water. Water shall be stored in the Building Sewer for fifteen (15) minutes before inspection starts. If any leakage is observed within two hours, the installation shall not be approved. In the event a Building Sewer is not approved by the Authority, a further test, or tests, shall be made following completion of necessary corrections. A fee will be charged by the Authority for observation of each test. No Building Sewer shall be covered until it has been inspected and tested as provided in Sections IIIB-9 and IIIB-10 and approved. If any part of a Building Sewer is covered before so being inspected, tested and approved, it shall be uncovered for inspection and testing at the cost and expense of the Owner of the Improved Property to be connected to a Collection System Main.

SECTION IIIB-11 PLUMBER SIGNATURE

Prior to testing and inspection of a Building Sewer, the Owner of the Improved Property to be connected to a Collection System Main shall exhibit to the Authority Engineer or his/her representative, a connection permit, in duplicate, duly signed by the plumber who did the work. Upon approval of a Building Sewer and connection, the Authority Engineer or his/her representative shall insert the date of approval and sign the original and duplicate copy of the permit, and deliver an executed copy to the Owner of the Improved Property. The original permit shall be filed with the Authority and retained in its official records.

SECTION IIIB-12 DEFECTIVE BUILDING SEWER

Whenever the Authority has reason to believe any Building Sewer has become defective, such Building Sewer shall be subject to test and inspection. Defects found upon such test and inspection, if any, shall be corrected, as required by the Authority in writing, at the cost and expense of the Owner of the Improved Property served through such Building Sewer. All repairs, alterations or additions to any Building Sewer shall be made in accordance with these Rules and Regulations.

SECTION IIIB-13 MAINTENANCE OF BUILDING SEWER

Every Building Sewer (except as described in Section IIIB-13-A) of any Improved Property shall be maintained in a sanitary and safe operating condition by the Owner of such Improved Property.

- A. The Authority owns and is responsible for maintaining the portion of Building Sewers that are within the Right of Way. In addition, if the most downstream Cleanout is located outside of the Right of Way, the Authority is responsible for maintaining the Building Sewer up to and including the Cleanout.
- B. The Authority is not responsible for any blockages at any locations in Building Sewers that are caused by usage of the Building Sewers by the units served.

SECTION IIIB-14 EXCAVATION

Every excavation for a Building Sewer shall be guarded adequately with barricades and lights, as applicable, to protect all Persons from damage and injury. Streets, sidewalks and other public property disturbed in the course of installation of a Building Sewer shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a manner satisfactory to the Authority and any other agency responsible for the public property which was disturbed. Owner must also obtain a Road Opening permit as may be required by the County or Township for all openings made within the public right-of-way.

SECTION IIIB-15 ADHERENCE TO RULES AND REGULATIONS

After any section of the Collection System constructed by the Authority shall have been completed and after all units required to be connected to such section shall have been so connected and such system shall be in operation, the Owner of each additional unit thereafter connected to such system shall comply, with respect to such connection, with the provisions of Article IIB and Article IIIB hereof currently in effect. All repairs, alterations and additions to any Building Sewer shall be made in accordance with the Authority's Rules and Regulations currently in effect.

SECTION IIIB-16 SEPARATION

Water Service Lines and Building Sewers must be separated by a distance of no less than one foot.

SECTION IIIB-17 CONNECTION TO AUTHORITY SYSTEM

A Building Sewer is to be laid on a straight line and grade from the terminal Cleanout to the point of connection to the Authority's system. A Sealtite Type E Wye Saddle connection, or approved equal, is to be used for a connection to the Collection System Main and an asbestoscement hole cutter is to be used for penetrating the Collection System Main. When a connection is made to an asbestos-cement Collection System Main, the Owner of the Improved Property must ensure that the contractor performing the connection is properly certified to work with asbestos-cement pipe and that any waste material is properly disposed.

ARTICLE IV - PERSONS AUTHORIZED TO DO WORK RELATING TO CONNECTIONS

SECTION IV-1 REQUIRED PERMIT

Any Person desiring to perform plumbing work upon any Improved Property which is connected or which is to be connected to a Collection System Main or Distribution System Main shall obtain from the Authority a permit authorizing such Person to engage in such plumbing work. Such permits shall be issued only to such Persons who have demonstrated by past performance to the satisfaction of the Authority that they are qualified and capable of performing plumbing work in accordance with good plumbing practice and who have presented evidence of current registration as a plumber in the Township. Such permits shall be issued on a yearly basis and shall be reissued from year to year by appropriate endorsement of the Authority or by issuance of a new permit, in the discretion of the Authority. Permits shall be revocable by the Authority for negligent or willful failure to comply with these Rules and Regulations. Owners, their agents, employees or independent contractors may do excavation preparation work independently of plumbing work involved upon receipt of a permit from the Authority and subject to compliance with these Rules and Regulations. Any Person not possessing a permit as required under Section IV-1 shall not perform any plumbing work upon any Improved Property which is connected to a Collection System Main or Distribution System Main, or which is to be connected to a Collection System Main or Distribution System Main.

SECTION IV-2 DENIAL OF SERVICE

Any Improved Property upon which plumbing work is performed by a person not possessing the required permit under Section IV-1 will not be approved for connection to a Collection System Main or Distribution System Main.

ARTICLE V - RESERVATIONS

SECTION V-1 REMEDY OF UNSATISFACTORY CONDITION

If any Person shall fail for ten (10) days after written notice from the Authority to remedy any unsatisfactory condition with respect to a Building Sewer or Water Service Line, the Authority may refuse to permit such Person to use the Collection System or Distribution System until such unsatisfactory condition shall have been remedied to the satisfaction of the Authority.

SECTION V-2 REFUSAL OF SERVICE

The Authority reserves the right to refuse to any Person the use of the Distribution System and/or Collection System or to compel the pretreatment of Industrial Wastes, in order to prevent harm to the Distribution System, and/or to prevent harm to the Collection System.

The Authority reserves the right to refuse water and/or sewer service whenever an application would, if approved, cause the Collection System and/or Distribution System capacity to be exceeded at any time and in anyway or in any part of the system(s).

SECTION V-3 ADDITIONAL RULES AND REGULATIONS

The Authority reserves the right to adopt, from time to time, revisionary, amendatory, or additional Rules and Regulations as it shall deem necessary and proper in connection with the use and operation of the Distribution System and/or Collection System or as may be required to meet necessary costs and expenses or to comply with covenants with the Township or with holders from time to time of any Authority Bonds.

ARTICLE VI - INDUSTRIAL WASTES AND PROHIBITED WASTES

SECTION VI-1 CERTAIN LIQUID AND SOLID MATTER PROHIBITED

No Person shall discharge, or permit to be discharged into the Collection System or any part thereof:

- A. Storm water, either from street or gutter inlets or from roof or other rain water connections, surface or subsurface water, exhaust steam, or any other unpolluted drainage; or
- B. Paints, lacquers, oils, tar, grease, gasoline, benzene or other combustible gases and liquids, offal or insoluble solids of any kind, or other substances which would impair, impede, affect, interfere with or endanger the Collection System or any part thereof, in any manner whatsoever or the functioning of the Wastewater Treatment Facility. In the case of the discharge of chemicals not listed herein, the applicant shall have such tests performed on the material as the Authority requests and approval of the application will be made only if tests prove the discharge will in no way be harmful to the Collection System.

No person shall construct or permit to be constructed any apparatus which is intended for or shall render possible the entry of such prohibited matter into the Collection System or any part thereof.

All connections for restaurants, butcher shops, garages or other buildings in which grease or oil is handled or used as a waste must be equipped with a suitable mechanism to trap and collect all such oils and greases. Traps may also be required for other materials as required by the Authority. Determination of suitability for such mechanisms shall be based on current NJDEP regulations and local building regulations.

SECTION VI-2 INDUSTRIAL WASTE; PROHIBITED DISCHARGE; VIOLATION; COMPLIANCE

No Person shall discharge or permit to be discharged into the Collection System any industrial waste that would impair, impede, affect, interfere with or endanger the Collection System, or any part thereof, or the functioning of the processes of the Wastewater Treatment Facility. No permit shall be issued for a connection, nor shall any connection be made to the Collection System for the purpose of discharging industrial waste therein until the Authority and the duly constituted representative of the Township shall have first determined that such industrial waste to be discharged into the Collection System is or has been rendered, by pretreatment or otherwise, reasonably harmless and would not impair, impede, affect, interfere with or endanger the Collection System or any part thereof or the functioning of the processes of the Authority Wastewater Treatment Facility. Evidence of permission to discharge industrial waste into the Collection System shall be an industrial waste permit issued and approved by the Authority.

Such permit shall be in addition to any other permits required for connection to the Collection System.

- A. Except as otherwise provided in these Rules and Regulations, no permit will be issued authorizing discharge of any of the following described waste or waters into the Collection System:
 - 1. Any liquid or vapor having a temperature higher than one hundred fifty (150) degrees Fahrenheit.
 - 2. Any water or waste containing more than one hundred (100) ppm by weight of fats, oils or grease, or containing substances which may solidify or become viscous at temperatures between 32° F and 150° F.
 - Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid, solid or gas which by reason of its nature or quality, may cause fire or explosion or which, in any other way, may be injurious to Persons or the Collection System or the Wastewater Treatment Facility.
 - 4. Any noxious or malodorous gas or substances which, whether singly or by interaction with other wastes, shall be capable of creating a public nuisance or hazard to life or of preventing entry into the Collection System or the Wastewater Treatment Facility for maintenance and repair.
 - 5. Any Garbage, except properly shredded organic Garbage.
 - 6. Any ashes, cinders, sand, mud, straw, shavings, thread, metal, hair or fur, glass, rags, bones, feathers, tar, plastic, wood, fibers, paunch manure, butcher's offal, or any other solid or viscous substances which shall be capable of causing obstruction to the flow in the Collection System or other interference with the proper operation of the Collection System or the Wastewater Treatment Facility.
 - 7. Any water or waste having any corrosive property capable of causing damage or hazard to structures or equipment of the Collection System or the Wastewater Treatment Facility or to personnel engaged in operation and maintenance thereof.
 - 8. Any water or waste containing any toxic substance in quantity sufficient to constitute a hazard to humans or animals or to interfere with the biochemical processes of the Wastewater Treatment Facility or that will pass through the Wastewater Treatment Facility in such condition so that it will exceed State, Federal or other validly existing requirements for the receiving stream. Toxic

- wastes shall include but not by way of limitation, wastes containing cyanide ions, chromium ions, copper ions, and nickel ions.
- 9. Any waters or wastes with a biochemical oxygen demand (BOD) in excess of 250 ppm by weight.
- 10. Any waters or wastes with a suspended solids content in excess of 250 ppm by weight, or containing suspended solids of such character or quantity that unusual attention or expense is required to handle or treat such materials.
- 11. Any liquids having a pH exceeding a minimum value of 6.0 or a maximum value of 9.0 or found to be excessively corrosive.
- 12. Any waste discharged in such quantities as to tax the capacity of the Collection System or adversely affect the Treatment process.
- 13. All wastes containing corrosive matters or toxic or poisonous substances in sufficient quantity to injure or interfere with the wastewater treatment process, or create any hazard to sewers, structures, equipment or personnel; and specifically the following chemicals: arsenic and arsenicals; copper and copper salts; mercury and mercurials; silver and silver compounds; zinc, toxic dyes (organic or mineral); sulfonamides; phenols and their derivatives; cresols, alcohols, aldehydes; chlorinated hydrocarbons; chlorine in excess of 100 ppm; iodine; fluorine; bromine; all strong oxidizing agents such as peroxides, chromates, dichromates, permanganates, etc., compounds producing hydrogen sulfide or any other toxic, inflammable or explosive gases, either upon acidifications, alkalinization, reduction or oxidation; strong reducing agents such as nitrates, sulfites, sulfides; strong acids or strong alkalis.
- B. Nothing contained in this Section VI-2 shall be construed as prohibiting any special agreement or arrangement between the Authority and any Person whereby Industrial Waste of unusual strength or character may be admitted into the Collection System by the Authority either before or after preliminary treatment, provided that such Person shall pay such charges or take such precautions at his own expense as shall be required by the Authority, in order to meet the added cost of treatment, if any, or to prevent damage to the Collection System or Wastewater Treatment Facility and provided that such special arrangements shall, subject to capacity limitations of the Collection System or of the Wastewater Treatment Facility, be made to all Persons similarly situated on similar terms.
- C. The duly constituted representatives of the Authority shall have access at all reasonable time to all plants and buildings from which industrial waste is being discharged into the Collection System for the purpose of determining whether

any of the provisions of these Rules and Regulations are being violated. In the event of any violation of this Article, the Authority shall have the right to compel the discontinuance of the discharge of such industrial waste, including but not by way of limiting the foregoing, the right to close or disconnect any Building Sewer used for such discharge.

D. All facilities provided by any Owners of Improved Property for preliminary treatment or handling of Industrial Wastes shall be maintained in satisfactory operating condition at the expense of the Owner and shall be accessible to authorized representatives of the Authority and the Township at all reasonable times for inspection and testing.

SECTION VI-3 REQUIRED CONTROL MANHOLE

When required by the Authority, the Owner of any Improved Property that discharges Industrial Waste into the Collection System shall install a suitable control manhole in the Building Sewer to facilitate observation, sampling and measurement of the wastes. Such manhole shall be accessible and safely located outside of the right-of-way and shall be constructed in accordance with the plans approved by the Authority. The manhole shall be installed by the Owner at the Owner's expense and shall be maintained by Owner so as to be safe and accessible at all times. The Authority may require the Owner to construct a flow measuring device in said manhole.

SECTION VI-4 RIGHTS OF INSPECTION, TESTING, ETC.

The duly authorized representatives of the Authority and the Township shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing, in accordance with the provisions of this Article.

SECTION VI-5 REQUIRED NOTICE OF CHANGE IN INDUSTRIAL WASTES

Any industrial user who is connected to the Collection System, and is discharging industrial wastes thereto, and shall change its methods of operation so as to alter the type of wastes previously discharged, shall notify the Authority ten (10) days prior to such change, so that the Authority representatives can sample the waste immediately after the change takes place and determine whether or not the new waste is injurious to the Collection System.

ARTICLE VII - BONDS, FEES, RATES AND BILLING

SECTION VII-1 RESPONSIBILITY FOR PAYMENT

The property Owner is responsible for payment regardless of any shifting of tenants or those in possession of the property.

SECTION VII-2 QUARTERLY BILLING

All Owners will be billed quarterly at the end of each quarter. Payment is due in thirty (30) days. An interest charge of 1.5% per month (18% per year) will thereafter be imposed and collected.

SECTION VII-3 CONNECTION FEE

Connection fees are required when an Owner seeks to purchase Water Units or Sewer Units. A connection fee shall be determined annually as prescribed by law and is available at the Authority office. All connection fees shall be payable in one lump sum.

SECTION VII-4 WATER RATES

The Authority's rates for water service shall be determined annually and billed at the end of each quarter.

SECTION VII-5 SEWER RATES

The Authority's rates for wastewater service shall be determined annually and billed at the end of each quarter.

SECTION VII-6 EQUIVALENT DWELLING UNITS (EDUs)

The above rates shall be per equivalent dwelling unit (EDU). EDUs are calculated based on the projected flow as per NJAC 7:14A-23.3 (Projected Flow Criteria), divided by 300, and rounded up to the nearest whole unit.

Sample Calculations:

2 Bedroom Unit: Projected Flow (NJAC 7:14A-23.3) = 225 gpd

Projected Flow divided by 300 gpd = 0.75 EDUs Rounding up to nearest whole unit = 1 EDU

40 Seat Restaurant: Projected Flow (NJAC 7:14A-23.3) = 1,400 gpd

Projected Flow divided by 300 gpd = 4.67 EDUs Rounding up to nearest whole unit = 5 EDUs Water Units and Sewer Units are based on EDUs, see Definitions. Water Units and Sewer Units in place and approved by December 31, 2018 are not subject to recalculation until such time that a modification is proposed. All modifications (new construction, additions, renovations, or change in use) are subject to review of the assigned Water Units and Sewer Units.

Usages not listed in NJAC 7:14A-23.3 will be reviewed by the Authority's Engineer and assigned EDUs on an individual basis.

SECTION VII-7 MODIFICATION OF RATES

The Authority may change rates from time to time and impose additional rules and regulations to ensure the orderly and successful operation of its facilities.

SECTION VII-8 BILLING PERIODS

Billing periods begin upon certification by the Authority Engineer that connections have been properly made. A prorated invoice will be sent if the certification is not made on the first day of a billing period.

SECTION VII-9 REIMBURSEMENT OF EXPENSES

All applicants, whether for normal service connections or for more involved extensions or expansions of the existing sewer and water systems or for use of the Wastewater Treatment Facility, shall reimburse the Authority for its engineering and legal expenses related to the connection, extension, expansion or use. The engineering and legal expenses include, but are not necessarily be limited to: review of applications, agreements and designs; research into availability of service and capacities; construction inspections and testing during the installation of services, line extensions or system expansions. The applicant shall deposit with the Authority sufficient sums to offset the engineering and legal charges. The amount of the deposit will be calculated by the Authority Engineer. Deposits will not carry interest to the applicant. Unused portions of the deposit will be returned to the applicant at such time that the Authority deems the work completed.

SECTION VII-10 PERFORMANCE BOND

The applicant will post a performance bond for all work in an amount set by the Authority Engineer and in a form satisfactory to the Authority Attorney.

SECTION VII-11 MAINTENANCE BOND

The applicant will post a maintenance bond for all work except simple service connections in an amount set by the Authority Engineer and in a form satisfactory to the Authority Attorney.

ARTICLE VIII - DISTRIBUTION AND COLLECTION SYSTEM EXTENSIONS

SECTION VIII-1 APPLICANT'S EXPENSE

New service connections, main extensions, and service connections requiring main extensions, where permitted, shall be constructed at the expense of the applicant. Such expense includes, but is not limited to, the cost of design, surveying, construction, inspection, testing, as well as potential costs related to the requirements of other agencies.

SECTION VIII-2 SUBMISSION REQUIREMENTS

Each applicant shall submit to the Authority, for review by its engineer, three (3) sets of complete construction plans and specifications which shall be signed and sealed by a professional engineer licensed to practice in New Jersey. The submission must be accompanied by a report by the applicant's engineer related to the impact of the extension/expansion on the existing system. Upon review of the material submitted, the Authority Engineer will recommend approval or disapproval of the extension/expansion. All data submitted must be in accordance with appropriate rules and regulations published by the New Jersey Department of Environmental Protection.

ARTICLE IX - MISCELLANEOUS

SECTION IX-1 ACCESS

The Authority shall have the right of access at reasonable times to any part of any Improved Property served by the Collection System or Distribution System as shall be required for purposes of inspection, measurement, sampling and testing, and for performance of other functions relating to service rendered by the Authority through the Distribution System and/or the Collection System.

SECTION IX-2 ADDITIONAL RULES AND REGULATIONS

The Authority reserves the right to amend these Rules and Regulations and/or to adopt additional Rules and Regulations from time to time as it shall deem necessary and proper in connection with the use and operation of the Distribution System and/or Collection System or as may be required to meet the necessary costs and expenses.

SECTION IX-3 VARIANCE FROM RULES

No officer or employee of the Authority is authorized to vary these rules without action by the Board of the Authority.

SECTION IX-4 CONTROL OF SERVICE

The Authority shall not be liable for a deficiency or failure of service when occasioned by an emergency or required repairs, or failure from any cause beyond control. The Authority reserves the right to restrict the use of water service and/or wastewater service whenever the public welfare may require it.

SECTION IX-5 NOTICE OF CHANGE OF OWNERSHIP

Each Owner must give the Authority written notice of any change of ownership or vacation of any Improved Property and such Owner shall be responsible for all water and wastewater charges until such notice is given.

SECTION IX-6 LEAKS, STOPPAGE OR DEFECTIVE PLUMBING

The Authority shall not be liable for any damage or expense occurring to any premises or within any house or building resulting from any leaks, stoppages, defective plumbing or from any other cause whatsoever.

SECTION IX-7 CONSTRUCTION AND SEVERABILITY

In the event that any provision, section, sentence, clause or part of these Rules and Regulations shall be held to be invalid, such validity shall not effect or impair any remaining provision, section,

sentence, clause or part of these Rules and Regulations. It is the intent of the Authority that such remainder shall be and shall remain in full force and effect.

SECTION IX-8 BULK TREATMENT CAPACITY

Any person desiring bulk treatment capacity in the Wastewater Treatment Facility or any person desiring to connect more than six (6) units at any one time must submit with his application a report prepared by a professional engineer related to the impact upon the Wastewater Treatment Facility and Collection System or Distribution System. Bulk wastes, if accepted by the Authority, are to be discharged into the Collection System only at a point specifically designated by the Authority.

SECTION IX-9 EFFECTIVE DATE

These Rules and Regulations shall become effective and shall be in full force from the date of passage as provided by law.

ARTICLE X - ENFORCEMENT

SECTION X-1 SHUT OFF OF SERVICE

The efficient, safe, and economical operation of the DTMUA Distribution Systems and Collection Systems requires adherence to these rules and regulations. The Authority may shut off service to or from any owner or person who does not abide by these rules and regulations.

SECTION X-2 CHARGES DURING SERVICE SHUT OFF

When service to or from any owner or person is shut off for violation of these rules and regulations, the charge for service to such owner or person shall continue unabated and such owner or person shall be entitled to no reduction in, or credit on, such owner or person's usual bill.

SECTION X-3 RESPONSIBILITY FOR INCREASED COSTS

If violation of these rules and regulations by any owner or person results in increased costs or disruption of the Authority's facilities, such owner or person shall be responsible for the increased cost by the infraction of these rules and regulations and shall be billed for such increased cost at the time of the next billing.

ARTICLE XI - APPEALS

Any Owner, or Person, with the Owner's permission, shall have the right to appeal to the Authority any decision or action taken pursuant to these Rules and Regulations, or any other action or decision of the Authority, provided that the Owner, or Person, shall file a written appeal within twenty (20) days of the decision or action.

All appeals shall be commenced by filing a written notice of appeal filed with the Secretary within the time specified herein. In the event the party appealing is not the Owner, the consent of the Owner shall be affixed to the written notice of appeal.

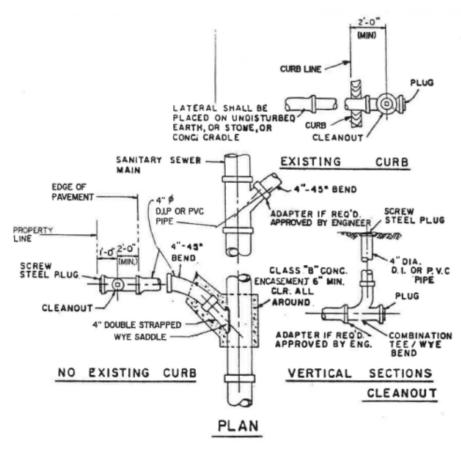
A hearing shall be held by the Authority within forty-five (45) days of the filing of the appeal. A final decision shall be made within forty-five (45) days of the conclusion of the hearing or adjourned hearing.

The party appealing shall bear the burden of proof and shall supply all written or testimonial proof necessary to sustain this burden.

No appeal will be considered unless all water and wastewater charges and any and all other fees, charges and expenses due the Authority from the Owner have been paid.

Any engineering, legal, auditing, or other services provided by Authority professionals or outside vendors incurred by the Authority to evaluate such appeal shall be the responsibility of the party appealing and the authority may request, as a condition of hearing the appeal, that the party appealing deposit in escrow a reasonable amount necessary to cover said fees or costs. The Authority may waive the escrow requirement, upon the written request of the party appealing, it if determines that minimal or no professional fees will be incurred as a result of the appeal.

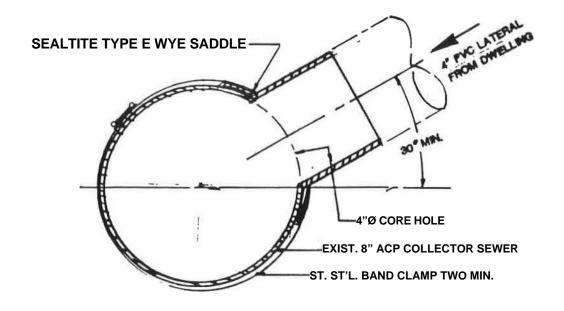
SANITARY SEWER CONSTRUCTION DETAILS



TYPICAL 4 INCH HOUSE CONNECTION INSTALLATION

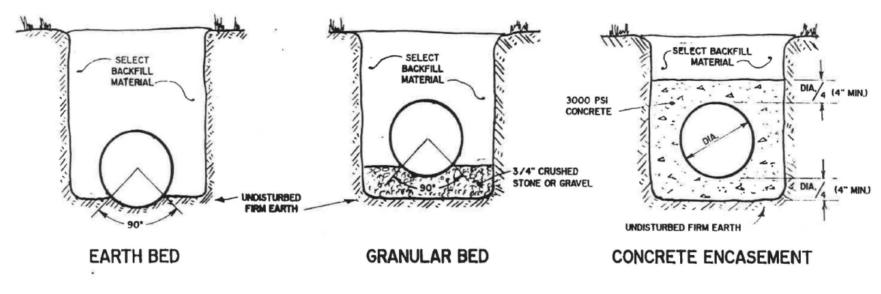
NOT TO SCALE

- NOTES: 1. ALL COUPLINGS, PLUGS, PIPES, & CAPS TO BE STANDARD FOR TYPE OF PIPE USED; INSTALLATION TO BE WATERTIGHT.
 - 2. CLEANOUTS & INSPECTION TEES ARE TO BE LOCATED 2 FEET FROM OUTSIDE FACE OF CURB OR ONE FOOT OUTSIDE OF PROPERTY LINE.
 - 3. CLEANOUTS AS SHOWN ARE REQUIRED ON ALL HOUSE CONNECTIONS,
 - 4. HOUSE CONNECTIONS ARE TO BE 4" D.I.P. OR P.V.C. (P.V.C. SHALL NOT BE USED WITH LESS THAN 3 OF COVER)
 - 5. BEDDING BENEATH BASE OF DEEP HOUSE CONNECTION SHALL BE EQUAL TO THAT PROVIDED FOR REMAINDER OF SEWER MAIN.



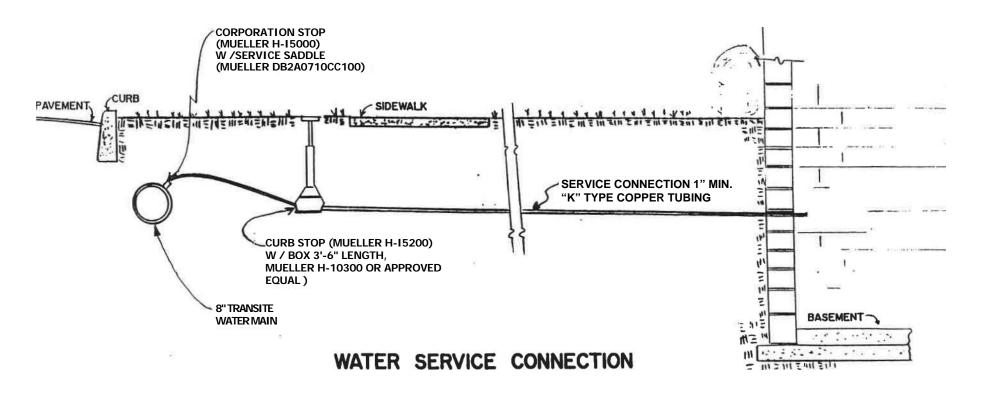
DETAIL
COLLECTION SYSTEM MAIN BUILDING SEWER
SADDLE

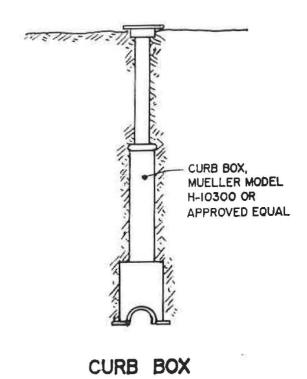
NOTE:
DEPTH OF SELECT BACKFILL MATERIAL OVER PIPE TO BE DETERMINED BY THE ENGINEER TO MEET THE FIELD CONDITIONS ENCOUNTERED.



TRENCH DETAILS

WATER SYSTEM CONSTRUCTION DETAILS





Application No.:	Date Filed:	
· ·		
(to be completed by D	TMUA Secretary)	

DELAWARE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY APPLICATION FOR WATER AND/OR SANITARY SEWER CONNECTION

A.	Applicant Name:				
B.	Present Owner Nar	ne:			_
C.	Interest of Applicant	if Other Than Owne	er (i.e., ter		
D.					
		Block:		Lot	_
E.	Existing o	r Proposed	_ Structu	re?	
	If Proposed, Planning	g Board Status:			
F.	Use of Premises:	Single Family		Industrial	
		Apartment		Other (Explain)	_
		Commercial			
G.	Type of Connection:	Water		Sewer	
H.	Attach Plan of Conne	ction.			

Applicant Agrees to	Applicant Agrees to Abide by the Current Rules, Regulations and Rates of the DTMUA.			
	8			
Signature	Signature of Applicant			
	(For DTMUA Use)			
Date Received by Secretary:				
Recommendation of DTMUA	Engineer:	j.		
, d				
Action by DTMUA:				
Approved:				
Disapproved;				
w.				
DTMUA Secretary's Si	gnature	Date		