TOWN OF MILO, NEW YORK

Department of Sewer and Water
137 Main Street
Penn Yan, New York 14527
Phone: (315) 536-8501
Fax: (315) 536-9760
Cellular: (315) 694-0829
Email: watersewer@townofmilo.com
Website: www.townofmilo.com

APPLICATION FOR WORK TO AN EXISTING WATER SERVICE

Part 1. Owner's Billing Information.
Note. The Owner shall notify the Town Clerk of any change in his/her/their billing information. The Town Clerk's telephone number is (315) 536-8911 and his/her/their email address is clerk@townofmilo.com.

Owner's Name: _____

Billing Address: _____

Telephone No.: _____ Email: _____

Part 2. Project Location.

Address: _____

Tax Map Identification Numbers: _____

Part 3. Water Service Information.

Diameter of Water Service: _____ Type of Material (e.g., HDPE): _____

Proposed Water Service shall serve: ☐Nonresidential Use ☐Residential Use

Type of Service: ☐Fire protection system (e.g., automatic sprinklers) ☐Potable water (a.k.a., domestic)

Type of Backflow Prevention Device: ☐Dual Check Valve ☐NYSDOH approved backflow prevention device

- *Residential uses require the installation of a dual check valve installed after the Town's water meter.*
- *Nonresidential uses require the installation of a backflow prevention device that is approved by NYSDOH.*

Part 5. Attestation of the Property Owner.
THE UNDERSIGNED HEREBY ATTESTS that he or she is the Owner of the lot of record that is the subject of this application and officially requests from the Town that a new water service to be installed. Additionally, the Owner hereby certifies that the information contained in this application is accurate, true, and complete to the best of his or her knowledge and understands that false statements made in this application are subject to the applicable provisions of the Penal Law of the State of New York. Furthermore, the Owner comprehends that he or she is ultimately responsible for compliance with all local, state and federal laws regardless of any contractual agreements with the contractor. Lastly, the Owner has read this entire application as well as Chapter 336, Water, prescribed in the Code of the Town of Milo and agrees to comply with its applicable provisions.

_____ _____
Signature of Owner Date of Signature

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RULES AND REGULATIONS (A.K.A., STANDARDS) PERTAINING TO THE INSTALLATION, MAINTENANCE AND USE OF A WATER SERVICE

1. A completed application, which such application is available at Town Hall or at our website, for a new water service shall be submitted to the Superintendent[1]. Such application shall include the signature of the Owner of the subject lot of record.
2. The contractor shall contact Dig Safely – NY (811) and request a utility stake-out prior to starting any excavation work.
3. All materials and/or equipment shall be new and first quality. Damaged or faulty materials and/or equipment will not be accepted.
4. "Lead Free" brass water works products shall meet the requirement of ASNI/AWWA C800 and the maximum lead content of S.3874 and NSF 61 Annex G. The manufacturer's designation as a Lead-Free product shall be permanently stamped or cast into the product's body. Only "Lead Free" brass water works products shall be installed in contact with potable water.
5. Curb boxes shall not be covered/hidden by landscaping, pavement, gravel, sod or any other type of vegetation or structures. Curb boxes are to be installed in lawn areas that are not subject to vehicular traffic unless approved otherwise by the Town.
6. All fittings and appurtenances shall conform to the applicable AWWA standard.
7. Water service line shall be HDPE SDR 9 poly with a blue stripe with a "blue" tracer wire secured (e.g., taped or wrapped around) to such line.
8. Water service line shall be installed in accordance with the Plastic Pipe Institute, Polyethylene Piping Systems Field Manual for Municipal Water Applications.
    - Burial depth. A water service shall have a minimum burial depth of 54 inches.
    - Separation distance.
        - Water services shall be laid at least 10 feet horizontally from any part of a sanitary sewer system, whenever possible; the distance shall be measured edge-to-edge (pipe wall to pipe wall). Where lines must cross, the water service line shall be at least 12 inches above the house sewer. If a water line must pass below the house sewer, the vertical separation must be at least 18 inches. [Reference. NYSDEC/NYSDOH laws]
    - Placement. Place the water service in a prepared trench that is free of rocks and debris. Place the pipe so that it is relaxed and "snakes" loosely in the trench.

[1] SUPERINTENDENT – The municipal officer or other authority designated by the Town Board who is charged with the administration and enforcement of the Town's public water system. This term shall also include his/her/their authorized deputy, agent, or representative.

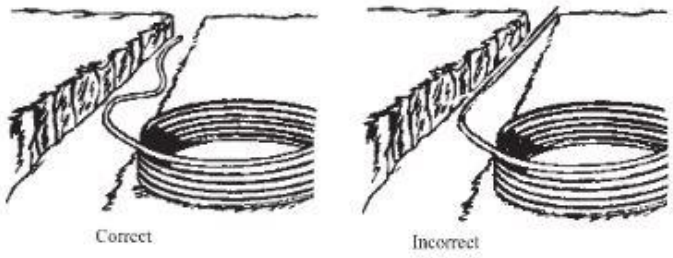


Figure 1 – "Snaking" of water service

- Trench bottoms should provide stable and uniform support to the pipe over its entire length. They should be free of lumps, rocks, or other material which could damage the pipe or cause localized overstressing. Do not use blocking to change pipe grade or to intermittently support pipe across excavated sections.
- Embedment materials should be free of refuse, organic material, or frozen solids. The particle size of the material in contact with the pipe should not exceed ½ inch, and the particles should not have sharp surfaces that may easily abrade the pipe. For this reason, the embedment material shall be sand unless approved otherwise by the Superintendent. The embedment should be placed in lifts, not exceeding 6 inches in thickness, and then tamped. Tamping should be accomplished by using a mechanical tamper. Compact to at least 85 percent Standard Proctor density as defined in ASTM D698, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort, (12 400 ft-lbf/ft^3 (600 kN-m/m^3))." Under streets and roads, increase compaction to 95 percent Standard Proctor density.

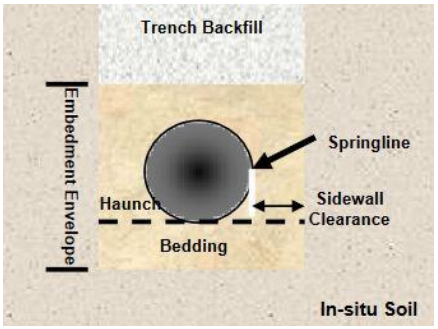


Figure 1 - Embedment Envelope

- Any pipe that passes through a foundation wall shall be provided with a relieving arch, or a pipe sleeve pipe shall be built into the foundation wall. The sleeve shall be two pipe sizes greater than the pipe passing through the wall. [Reference. Plumbing Code of NYS]

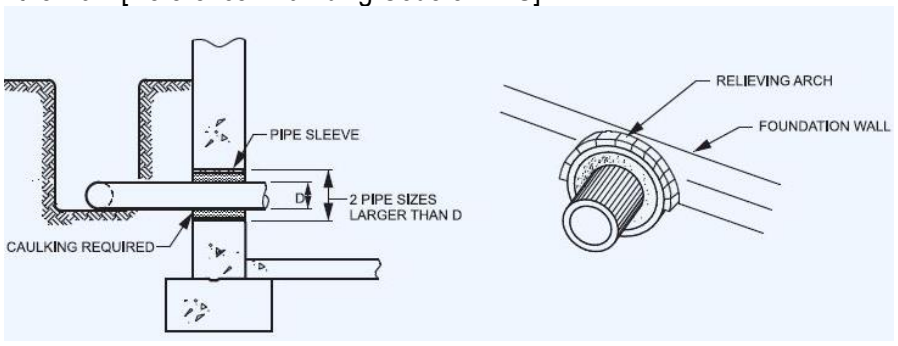
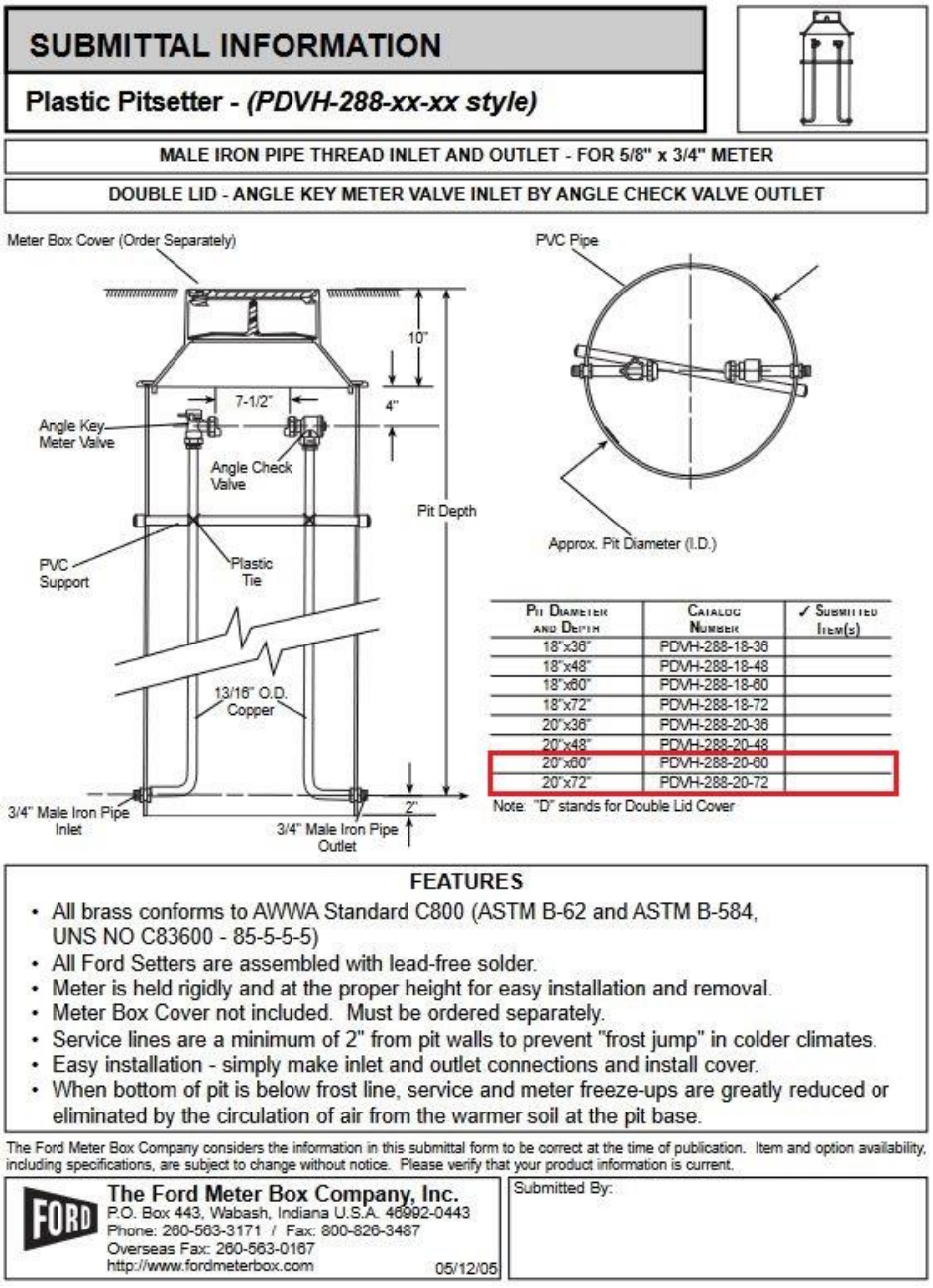


Figure 2 – Pipe Sleeve through foundation wall or slab

9. All new structures requiring connection to the public water and/or a replacement of a water service outside the building shall have an approved meter pit installed. The location and type of water meter pit shall be determined solely by the Superintendent.
    - The water meter pit shall be installed on private property, as close as possible to the curb stop, typically within 5 feet of the curb stop.

- Water meter pits shall not be covered/hidden by landscaping, pavement, gravel, sod or any other type of vegetation or structures. Water meter pits are to be installed in lawn areas that are not subject to vehicular traffic unless approved otherwise.
- The meter pit setter shall be a minimum of 20 inches in diameter, prefabricated and shall be designed for cold weather climates. See attached submittal.



SUBMITTAL INFORMATION

Plastic Pitsetter - *(PDVH-288-xx-xx style)*

MALE IRON PIPE THREAD INLET AND OUTLET - FOR 5/8" x 3/4" METER

DOUBLE LID - ANGLE KEY METER VALVE INLET BY ANGLE CHECK VALVE OUTLET

Pit Diameter and Depth	Catalog Number	✓ Submitted Item(s)
18"x36"	PDVH-288-18-36	
18"x48"	PDVH-288-18-48	
18"x60"	PDVH-288-18-60	
18"x72"	PDVH-288-18-72	
20"x36"	PDVH-288-20-36	
20"x48"	PDVH-288-20-48	
20"x60"	PDVH-288-20-60	
20"x72"	PDVH-288-20-72	

Note: "D" stands for Double Lid Cover

FEATURES

- All brass conforms to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- All Ford Setters are assembled with lead-free solder.
- Meter is held rigidly and at the proper height for easy installation and removal.
- Meter Box Cover not included. Must be ordered separately.
- Service lines are a minimum of 2" from pit walls to prevent "frost jump" in colder climates.
- Easy installation - simply make inlet and outlet connections and install cover.
- When bottom of pit is below frost line, service and meter freeze-ups are greatly reduced or eliminated by the circulation of air from the warmer soil at the pit base.

The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.

FORD **The Ford Meter Box Company, Inc.**
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
Phone: 260-563-3171 / Fax: 800-826-3487
Overseas Fax: 260-563-0167
http://www.fordmeterbox.com
05/12/05

Submitted By:

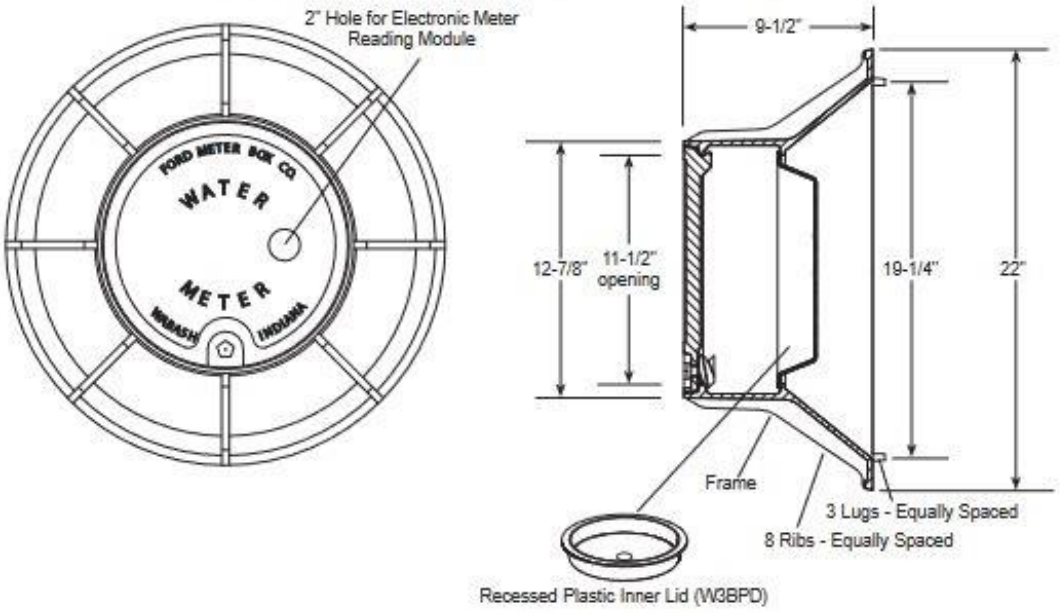
Figure 3 – Water Meter Pit Setter / Submittal

- The meter pit shall have an iron, extra heavy Ford Wabash Double Lid Cover with (insert) plastic lid.

SUBMITTAL INFORMATION

Meter Box Covers - *(W3H-T style)*

EXTRA HEAVY 11-1/2" WABASH DOUBLE INSET LID FOR 20" TILE



*Lid Size	Tile I.D.	Approx. Wt. Lbs.	Description	Catalog Number	✓ Submitted Item(s)
11-1/2"	20"	75	Single hole for Electronic Meter Reading Module	W3H-T	

*Lid size indicates approximate pit access opening; actual lid diameter is approximately 1" larger
Recessed Plastic Inner Lid (W3BPD) is standard on lids with EMR holes

FEATURES

- Precast hole(s) for electronic meter reading modules
- Standard Pentagon Bolt furnished with locking lids
  Larger bolt is available; add "-LB" to catalog number; for non-locking lid, add "-LL"
- Frame and lid are cast iron per ASTM A48, Class 25
- Plastic recessed inner lid is standard on lids with EMR holes
- Finish is black e-coating
- Two holes for electronic meter reading modules available, add "-TT" to end of catalog number

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11/14/13

Figure 4 – Meter Pit Cover / Submittal

- Solid concrete blocks shall be used as a base to support the tile. The tile shall be installed on the solid concrete blocks such that the walls are vertical and the top lid flush with finished grade. Concrete blocks shall be solid 16 inches long by 8 inches wide by 4 inches deep in conformance with the requirements of ASTM C145. Place solid concrete blocks around the perimeter of the tile on a level 6-inch layer of compacted sand.

INSTALLATION INSTRUCTIONS
FOR THE STANDARD FORD PIT SETTER

1. Store Pit Setters in upright position. Do not position or stack on their side.
2. Dig trench to proper depth for Pit Setter and lid, also allow for bottom support and drainage.
3. Compact crushed gravel and/or an even level layer of concrete blocks/ pavers in the bottom of hole (to prevent settling). If using a bottom plate, place in hole before installing the Pit Setter.
4. Place and level the Pit at a depth to ensure the top of the chosen cover will be flush with the final grade level. Make sure the Pit Setter will remain level.
5. Connect the inlet and outlet service lines to the Pit Setter placing an additional smooth-jawed wrench on the wrench flats to avoid unintentionally twisting the tubing and distorting the brass components. **Do not use a pipe wrench.**
6. Pressure test the Pit Setter prior to backfilling to ensure all valves and connections are secured tightly with no leaks.
7. **IMPORTANT:** Carefully backfill around the tile no more than 12" at a time, tamping and fully compacting each layer uniformly. Uneven and insufficient backfill/compaction may distort tile and/or allow ground shifts.
8. Evenly center the cover on the tile and complete backfilling and compacting to the final top lid grade level.

WARRANTY – READ BEFORE INSTALLING

All merchandise is warranted to be free from defects in materials and factory workmanship. We will provide, free of charge, new products in equal quantities for any that prove defective within one year from date of shipment from our factory. Manufacturer shall not be liable for any loss, damage, or injury, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatever in connection therewith. No claims for labor or consequential damage will be allowed. The foregoing may not be changed except by agreement signed by an officer of the manufacturer.

No other warranties are applicable or may be implied, including the implied warranty of merchantability and the implied warranty of fitness for particular purpose and any warranty relating to infringement or the like, all of which are disclaimed.

DAMAGE CAUSED BY IMPROPER TOOLS OR HANDLING WILL VOID OUR WARRANTY

THE FORD METER BOX COMPANY, INC.
P.O. Box, Wabash, Indiana, USA 46992-0443
Phone: 260-563-3171 - Domestic FAX:800-826-3487
Overseas FAX: 260-563-0167 - Internet: www.fordmeterbox.com

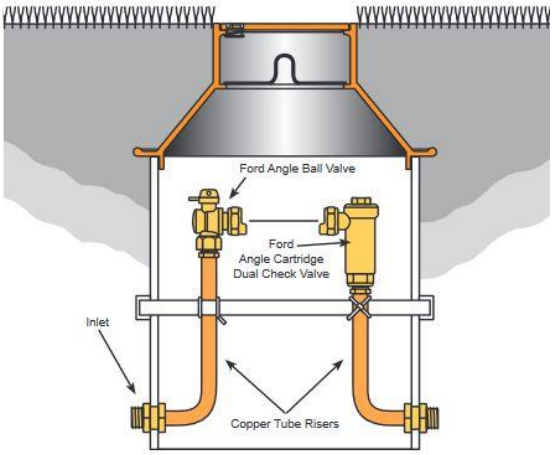

Figure 5 – Water Meter Pit / Installation Instructions

10. All water service lines will have a blue tracer wire that is buried adjacent to the water service line and brought to the top of the curb box (with an additional 1 feet of slack), brought up to the water meter inside the meter pit (with an additional 1 feet of slack) as well as secured in a manner that is accessible for a locator. This tracer wire shall terminate inside the building and have an extra 1 feet of wire wrapped near the inside shut-off valve. In addition, tracer wire shall be blue in color, #12 AWG high strength copper clad steel conductor (HS-CCS) insulated with 30 mil HDPE insulation and rated for direct burial at 30 volts (Copperhead Industries or approved equal).

Figure 6 – "Blue" Tracer Wire

11. The existing, interior installation of water meters shall be in an approved location that is:
    - Accessible and safe; and
    - Dry and located above the base flood elevation if the latter is applicable; and
    - Heated.

    However, the installation of water meters for new structures requiring connect to public water shall be located within an approved water meter pit.

12. An approved water shut-off valve and pressure reducing regulator shall be installed within the structure. It is also required that a dual check valve (i.e., backflow preventer) be installed after the pressure reducing valve and the water meter. The required tracer wire shall be installed to terminate within the structure and have an extra 1 feet of wire wrapped near the inside shut-off valve.

    - For properties that have a water meter pit, the dual check valve shall be installed after the pressure reducing valve within the structure.

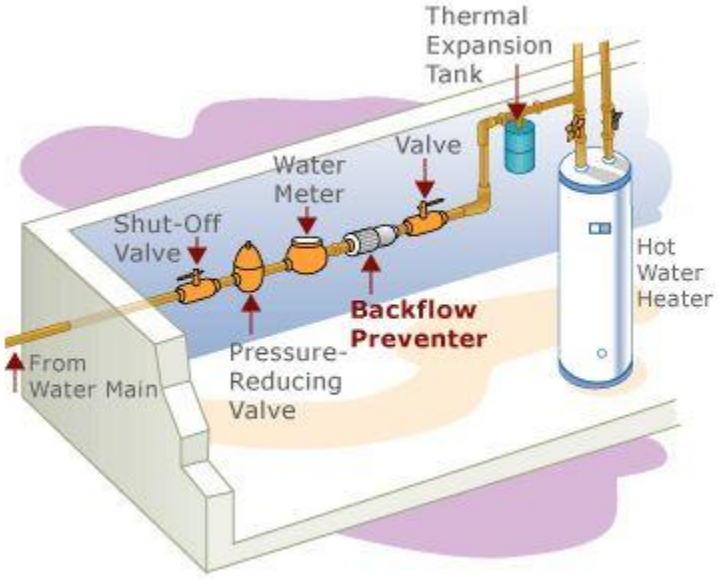

Figure 7 – Interior plumbing near water meter

13. There shall be no connection between the Water Service System and any pipes, pumps, hydrants, or tanks whereby unsafe water or other contaminating materials may be discharged or drawn into the system.

14. Piping in a plumbing system shall be installed so as to prevent strains and stresses that exceed the structural strength of the pipe. Where necessary, provisions shall be made to protect piping from damage resulting from expansion, contraction and structural settlement.

15. REQUIRED INSPECTIONS. The installation of a water service line shall be inspected by the Superintendent prior to backfilling. Failure to have the water service line inspected shall cause the Superintendent to refuse water service to such structure.

16. NONRESIDENTIAL USE – CROSS CONNECTION CONTROL. If the structure contains a nonresidential use, a backflow prevention device is required to be installed and approved by NYSDOH. More information about cross connection control can be obtained at: https://www.health.ny.gov/environmental/water/drinking/cross/cross.htm.
    - The local NYSDOH office is located at 624 Pre-Emption Road, Geneva 14456. Their telephone number is 315-789-3030.

    - The backflow prevention device is required to be designed by a Professional Engineer or Registered Architect licensed in NYS.

    - The application for approval of a backflow prevention device is available at https://www.health.ny.gov/forms/doh-0347.pdf.

    - All applications must be accompanied by plans, specifications and an architect's/engineer's report describing the project in detail. The project must first be submitted to the Superintendent, who will forward it

to the local NYSDOH office. This application must be prepared in quadruplicate with four copies of all plans, specifications and descriptive literature as mandated by NYSDOH.

Figure 8 – Example of a Backflow Prevention Assembly