

Munhall Sanitary Sewer Municipal Authority

1900 West Street Suite 4 • Munhall, PA 15120 • 412-464-7373

Fax (call before sending): 412-464-7373

info@mssma.us

Chairman
Matthew Bovee

Vice Chairman
Anthony DeMartino

December 5, 2018

Re: Backwater Valve Program (90% Reimbursement)

In an effort to protect homes that are identified as being vulnerable to flooding from sewer back-ups during heavy rain events, the Munhall Sanitary Sewer Municipal Authority (MSSMA) has adopted a Backwater Valve Program to provide reimbursement to homeowners for the installation of a permanent backwater valve device in the amount of 90% of the plumbing contractor's invoice.

INSTRUCTIONS ON HOW TO APPLY

1. Contact MSSMA to Verify Program Eligibility

- Contact MSSMA's administrative office by phone (412-464-7373) or by email (info@mssma.us) to express your interest in the program.
- MSSMA will ask you questions about your property and may ask to schedule an inspection to ensure sure your property is eligible for the Program.

2. Contact Three (3) Licensed Plumbing Contractors

- Contact three (3) separate licensed plumbing contractors to obtain written cost estimates for the work. Each estimate must include the following:
 - **Dye Test** - A proposed cost for completing a comprehensive dye test. The dye test must meet MSSMA's minimum dye test requirements and a dye test form must be submitted by the licensed plumber at the conclusion of the dye test. A passing dye test will be required confirming that no drainage structures from the property connect to the sanitary sewer.
 - **Backwater Valve Installation** - A proposed cost for installing an approved backwater valve including all restoration costs. Three (3) examples of acceptable backwater valve installations are attached for reference purposes. It will be the responsibility for each plumbing contractor to include a complete scope of work describing the proposed backwater valve installation and type of valve being proposed in their cost proposal.

3. Submit the Backwater Valve Program Application and Agreement

- Complete the attached Backwater Valve Program Application Form summarizing the plumbing contractor estimates and indicate the plumbing contractor you recommend hiring.
- Complete the attached Agreement. Please note that the Agreement is of no effect unless and until duly approved by MSSMA.
- Submit the Backwater Valve Program Application, Agreement, and written estimates from the plumbing contractors by mail or email to:

Munhall Sanitary Sewer Municipal Authority

Attn: Backwater Valve Program

1900 West Street, Suite 4

Munhall, PA 15120

info@mssma.us

4. Receive a Formal Written Notice to Proceed

- Upon review of your submission, you will be contacted by an MSSMA representative to inform you of your application status. If your submittal complies with the Program requirements, you will be issued a written Notice to Proceed. No work shall be authorized without a written Notice to Proceed provided by MSSMA.

5. Hire Awarded Licensed Plumbing Contractor

- Once you have received a written Notice of Proceed from MSSMA, contact the awarded plumber to schedule their proposed work.
- MSSMA will only be responsible for payment in the amount approved by MSSMA, or pre-authorized by a written change order. Any additional work performed and/or invoiced by the contractor that is not approved by MSSMA will be the property owner's responsibility.

6. Follow these Basic Construction Requirements

- A dye test must be completed with a resulting "pass" before installing the backwater valve.
- The completed dye test form shall be submitted to MSSMA for review. MSSMA's approval of the dye test form is required for Program compliance.
- You and/or your plumber shall obtain a plumbing permit from the Allegheny County Health Department prior to starting work.
- You and/or your Plumber must contact MSSMA at least 24 hours prior to the start of work.
- A final inspection is required by an MSSMA representative, and the completed work must be deemed satisfactory by MSSMA.

7. Execute and Record Notice of Acknowledgment

- Once the backwater valve is properly installed, execute and record with the Allegheny County Department of Real Estate the attached Notice of Acknowledgement that memorializes the installation of the device and provides notice of its existence to future owners.

8. Reimbursement Process

- Pay the plumbing contractor for 100% of the cost of the work.
- Once payment is made, submit to MSSMA the following to be reimbursed for 90% of the work:
 - a copy of the plumbing contractor's invoice
 - a copy of your canceled check or the plumbing contractor's receipt of your payment transaction.
- MSSMA reserves the right to reject documentation that is considered insufficient. The property owner will be responsible for the payment of any additional work performed beyond the original agreed-upon scope of work or price without prior written approval from MSSMA.
- Upon review and after approval of the work and your copies of your confirmed payment to the contractor, MSSMA will send you a payment for 90% of the approved work.

9. Any Questions?

- For assistance or more information about the Backwater Valve Program, please contact Jackie Coles at the MSSMA administrative office at info@mssma.us or 412-464-7373.

BACKWATER VALVE PROGRAM APPLICATION

Owner Name: _____

Date: _____

Address: _____

Phone: _____

Email: _____

Plumbing Contractor Minimum Requirements

- Plumber must be licensed in Allegheny County
- A minimum of 3 quotations shall be requested
- Plumbing contractor's proposed cost must include both:
 1. Completing a comprehensive dye test and submitting a dye test form that meets MSSMA's minimum requirements
 2. Installing a permanent backwater valve following Allegheny County Health Department Regulations
- Written estimates from each plumbing contractor shall accompany this application

Quotation #1

Company Name and Contact: _____

Cost Estimate (Total): _____

Quotation #2

Company Name and Contact: _____

Cost Estimate (Total): _____ Check here if contractor declined request

Quotation #3

Company Name and Contact: _____

Cost Estimate (Total): _____ Check here if contractor declined request

Recommended Plumber: _____

Cost: _____

BACKWATER VALVE PROGRAM AGREEMENT

For and in consideration of partial reimbursement for the cost of installation of a backwater valve, I, the undersigned property owner(s), do hereby, for myself, my heirs, executors, administrators and assigns, release and forever discharge the Borough of Munhall and the Munhall Sanitary Sewer Municipal Authority, its elected officials, officers, agents, assigns, servants, employees, engineers and contractors from any and all claims, demands, actions, causes of action, suits, damages, losses and expenses of whatsoever kind or nature, for anything that may occur on account of the installation of or failure to maintain by the property owner, the backwater valve at (enter address below):

Munhall, PA 15120

It is further understood and agreed that any payment for the installation of the backwater valve is not to be considered as an admission on the part of MSSMA or its agents of any liability whatsoever. I also agree that in order to receive payment for the approved installation fee, I must adhere to the guidelines set forth. I agree to provide MSSMA and its representative(s) access to the property to inspect the installation and understand that I must have the backwater valve installed according to building and plumbing codes.

I acknowledge that the backwater valve is an attachment to real property that runs with the land and that MSSMA does not have any responsibility whatsoever for the maintenance or care of the backwater valve.

In addition, I acknowledge that I have read and understand the accompanying information. I also recognize that the installation of the device is for the purpose of assisting in the protection from sewer backup damage and does not guarantee against backups, and that MSSMA shall not be liable and shall be held harmless in the event a backup occurs.

I now state that the only consideration for my signing this Agreement is set forth above and that no other promise or agreement has been made to gain my consent to this Agreement, and that I fully understand the terms of this instrument.

Signed and dated this day of (enter date): _____

Name of Property Owner (Print)

Mailing Address (if different from the above)

Property Owner Signature

Name of Property Owner (Print)

Property Owner Signature

**NOTICE AND ACKNOWLEDGMENT OF
BACKWATER VALVE INSTALLATION**

This NOTICE AND AKNOWLEDGMENT by _____
 (“Owner”) is intended to memorialize the installation of a backwater valve upon the private lateral
 sanitary sewer line and provide constructive notice of the same to subsequent owners of real
 property located at _____
 and identified as Allegheny County Tax Parcel No. _____ (“Property”).

WITNESSETH

WHEREAS, the Munhall Sanitary Sewer Municipal Authority (“MSSMA”) has adopted
 a Backwater Valve Program to identify properties that could reduce the risk of sewer backups
 during heavy rain events by installing a backwater valve upon the private lateral sanitary sewer
 line; and

WHEREAS, the Property was approved for installation of a backwater valve upon the
 private lateral sanitary sewer line in accordance with the Backwater Valve Program; and

WHEREAS, a condition of the Backwater Valve Program is the recording of this Notice
 and Acknowledgment with the Allegheny County Department of Real Estate to memorialize the
 installation of the backwater valve and provide constructive notice of the same to subsequent
 owners, successors, and assigns of the Property.

NOW, THEREFORE, all subsequent owners, successors, and assigns of the Property are
 hereby notified as follows:

1. That a backwater valve was installed upon the private lateral sanitary sewer line on the
 _____ day of _____, 20_____.
2. That the backwater valve installed upon the private lateral sanitary sewer line is deemed
 to be a permanent fixture to real property that shall run with the land.
3. That inspection and maintenance of the backwater valve is and shall always be the
 responsibility of the Owner, subsequent owners, successors, and assigns.
4. That MSSMA has no responsibility to inspect or maintain the backwater valve.
5. That the failure of Owner, subsequent owners, successors, or assigns to inspect and
 maintain the backwater valve increases the risk of sewer backups at the Property.

- 6. That MSSMA is not responsible for damages related to sewer backups resulting from a failure of the backwater valve.
- 7. That this Notice and Acknowledgment shall run with the land and be binding upon subsequent owners, successors, and assigns as if executed and agreed to by each.

IN WITNESS WHEREOF, the undersigned Owner, intending to be legally bound, has caused this Notice and Acknowledgment to be executed the day and year set forth below.

OWNER(S)

By: _____ Date: _____

By: _____ Date: _____

OWNER(S) ACKNOWLEDGEMENT

COMMONWEALTH OF PENNSYLVANIA :

COUNTY OF ALLEGHENY : SS.

:

On this, the _____ day of _____, 20____, before me, the undersigned authority, personally appeared _____, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledge that they executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

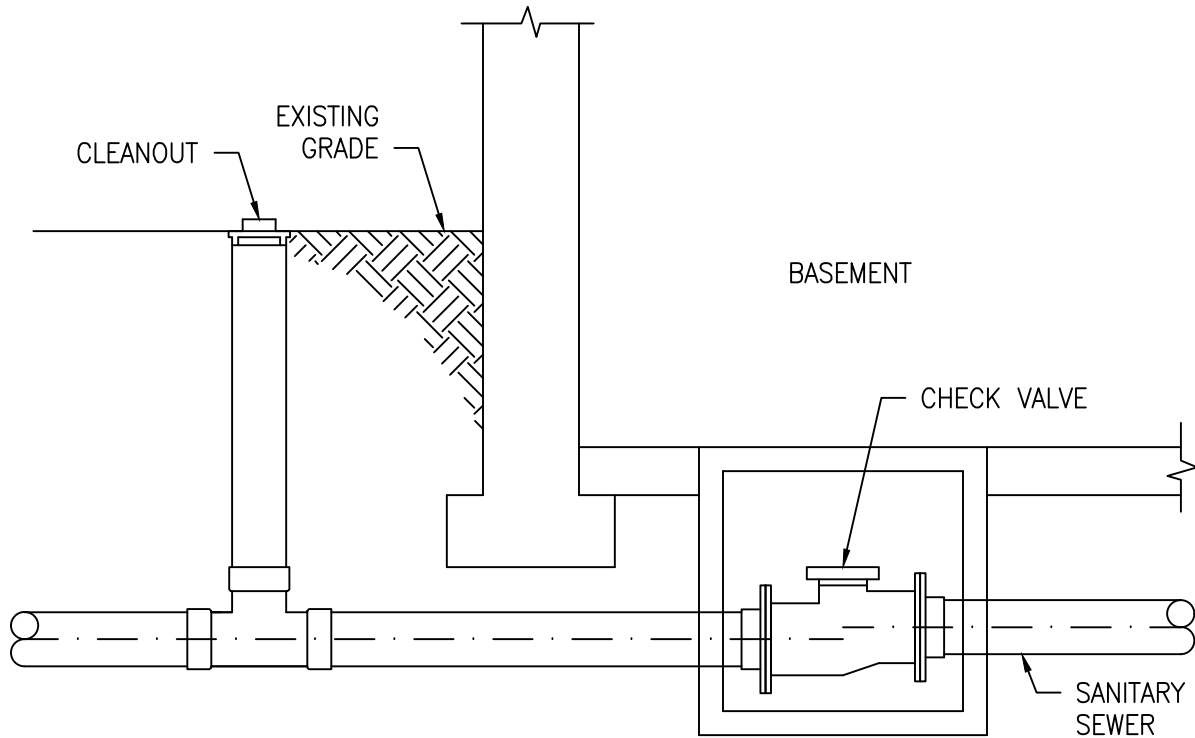
SWORN TO AND SUBSCRIBED

BEFORE ME THIS _____ DAY

OF _____, 20_____.

Notary Public

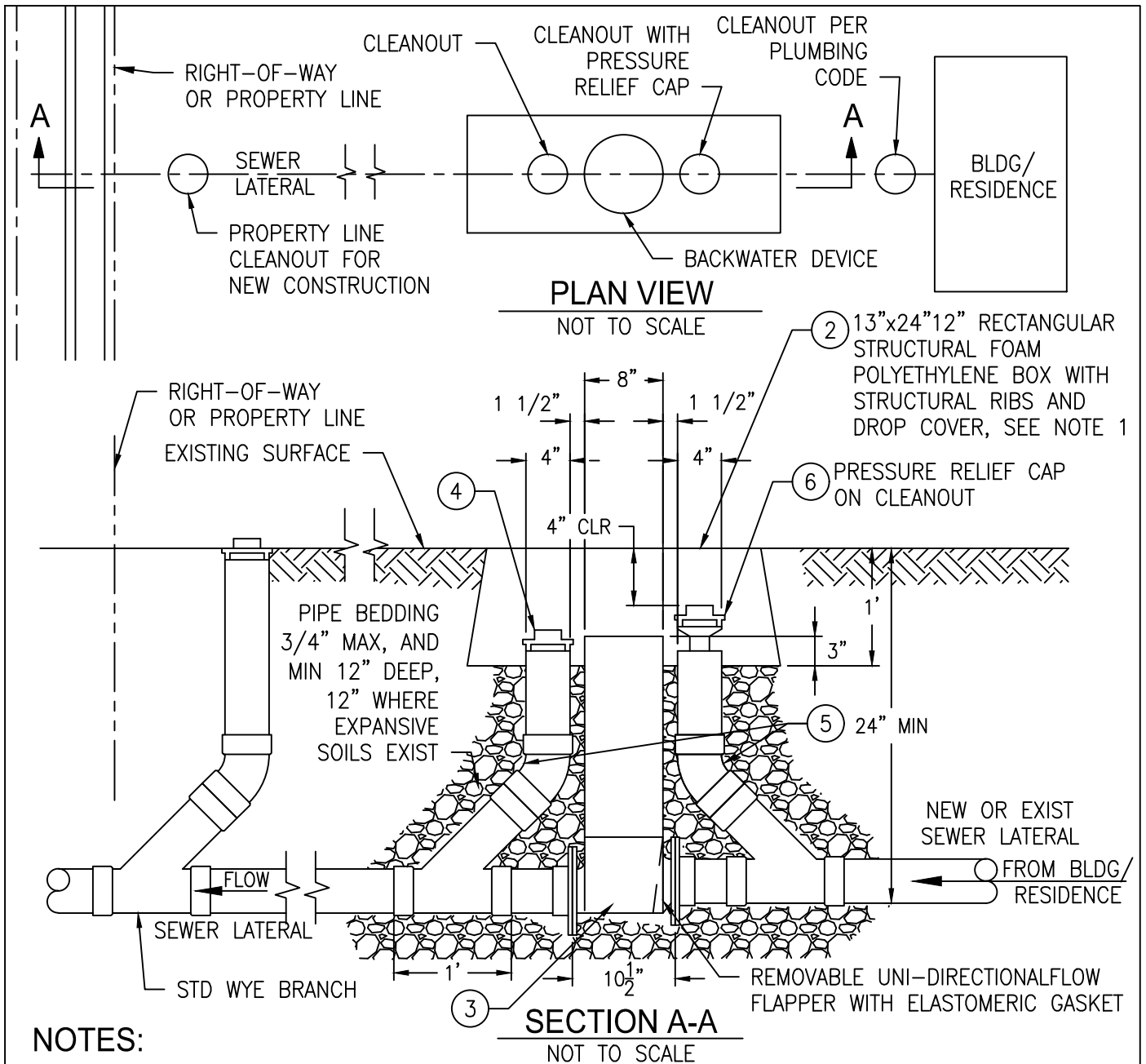
**EXAMPLES OF ACCEPTABLE
BACKWATER DEVICE
INSTALLATIONS**



GENERAL PLUMBING NOTES:

1. THE PERIMETER DRAINTILE, STORMWATER, MUST BE DISCONNECTED FROM THE SANITARY SEWER.
2. USE SDR 26 ASTM 2241 FOR SEWER PIPE. IF THERE IS LESS THAN A 10'-0" SEPARATION OF WATER SERVICE TO ANY SEWER LINE, USE SDR 25 OR EQUAL FOR SEWER LINE.
3. WHERE MANUFACTURED PIPE JOINTS CANNOT BE UTILIZED OR WHERE DISSIMILAR MATERIALS ARE JOINED, "NON-SHEAR" TYPE COUPLINGS SHALL BE USED FOR CONNECTIONS.
4. CONNECTIONS OF SDR 26 LATERALS TO VCP / SDR 26 PVC SANITARY SEWER MAIN OR CP STORM SEWER SHALL BE MADE WITH A STAINLESS STEEL BAND AND GASKETED SADDLE CONNECTION.
5. PROVIDE A CLEAN-OUT JUST OUTSIDE OF THE BUILDING, IN FRONT OF (DOWNSTREAM) THE CHECK VALVE.
6. THE CONTRACTOR SHALL RESTORE ALL INTERIOR AND EXTERIOR SURFACES DUE TO EXCAVATION IN-KIND.
7. THE APPLICATION SHALL INCLUDE A DETAILED DESCRIPTION OF ALL WORK.

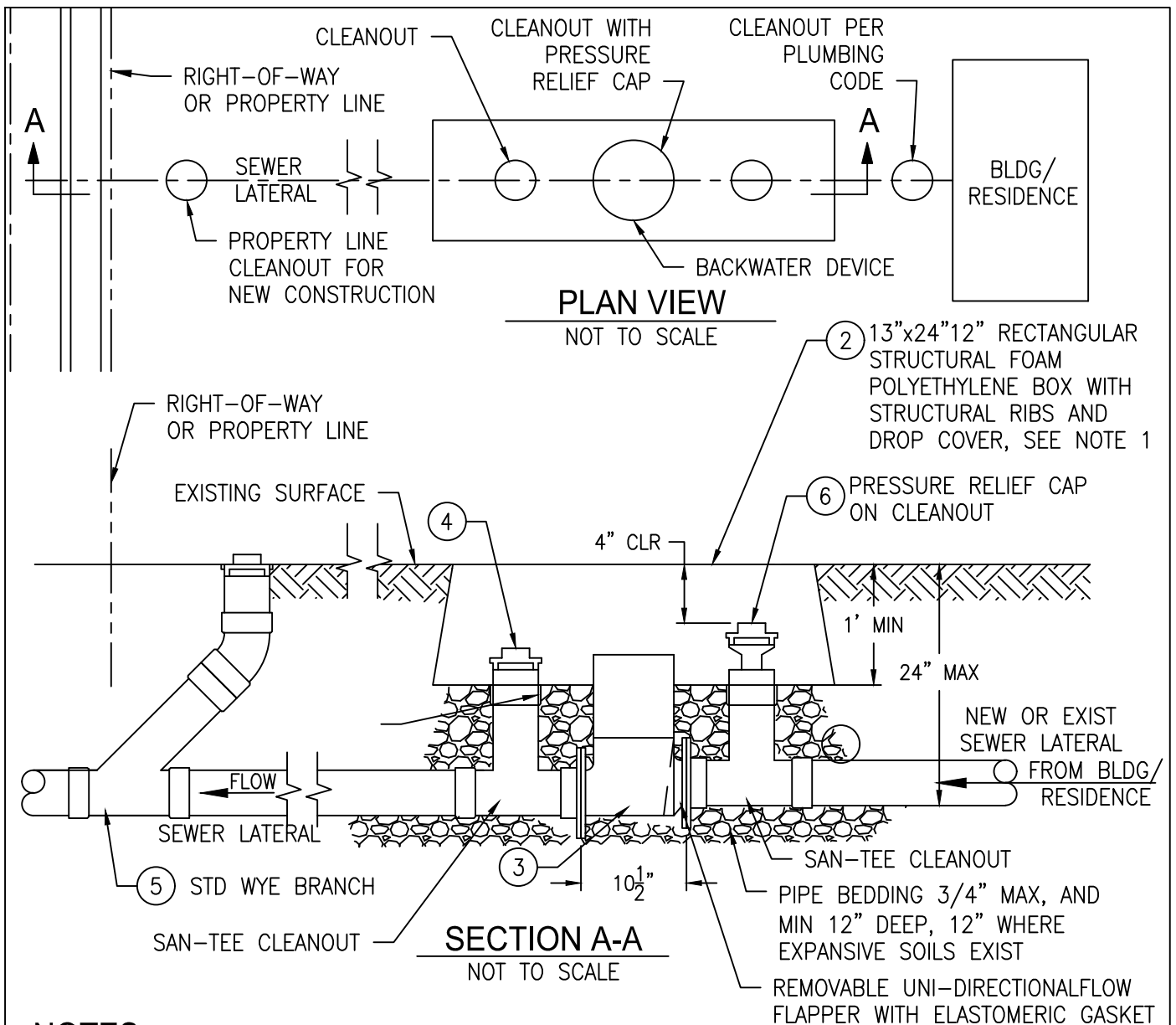
REV No.	BY	APPROVED	DATE	EXAMPLE 1 INTERIOR BACKWATER VALVE



NOTES:

- ① WHEN BACKWATER DEVICE IS INSTALLED IN THE DRIVEWAY, ALLEY OR STREET, TRAFFIC RATED BOX AND LID IS REQUIRED.
- ② INSTALL VALVE BOX SO THAT IT IS FLUSH WITH EXISTING PAVEMENT OR SIDEWALK SURFACE AND 1" ABOVE GRADE WHEN INSTALLED IN LANDSCAPE AREA.
- ③ PVC BACKWATER DEVICE AND ATTACHED PARTS SHALL BE PER UNIFORM PLUMBING CODE (U.P.C.) AND APPROVED BY ACHD OR CODE ENFORCEMENT.
- ④ CLEANOUT PLUG (ABS) THREADED.
- ⑤ STANDARD 45° BEND.
- ⑥ CLEANOUT WITH AN APPROVED PRESSURE RELIEF CAP.
- ⑦ ALL PIPING SHALL BE PER U.P.C. 710.0: SCHEDULE 40 PVC OR ABS.

REV No.	BY	APPROVED	DATE	EXAMPLE 2A EXTERIOR BACKWATER VALVE (4") (FOR LATERALS 2' OR DEEPER)



NOTES:

- ① WHEN BACKWATER DEVICE IS INSTALLED IN THE DRIVEWAY, ALLEY OR STREET, TRAFFIC RATED BOX AND LID IS REQUIRED.
- ② INSTALL VALVE BOX SO THAT IT IS FLUSH WITH EXISTING PAVEMENT OR SIDEWALK SURFACE AND 1" ABOVE GRADE WHEN INSTALLED IN LANDSCAPE AREA.
- ③ PVC BACKWATER DEVICE AND ATTACHED PARTS SHALL BE PER UNIFORM PLUMBING CODE (U.P.C.) AND APPROVED BY ACHD OR CODE ENFORCEMENT.
- ④ CLEANOUT PLUG (ABS) THREADED.
- ⑤ STANDARD 45° BEND.
- ⑥ CLEANOUT WITH AN APPROVED PRESSURE RELIEF CAP.
- ⑦ ALL PIPING SHALL BE PER U.P.C. 710.0: SCHEDULE 40 PVC OR ABS.

REV No.	BY	APPROVED	DATE	EXAMPLE 2B EXTERIOR BACKWATER VALVE (4") SHALLOW INSTALLATION (FOR LATERALS LESS THAN 2' DEEP)