



October 9, 2025

Via Electronic Filing

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

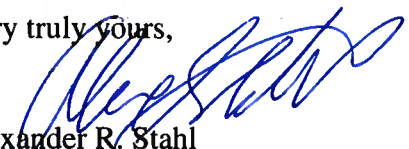
In Re: Docket No. A-2025-_____
Application of Aqua Pennsylvania, Inc. – East Brandywine Township

Dear Secretary Homsher:

I am Regulatory Counsel for Aqua Pennsylvania, Inc., and I am submitting, via electronic filing with this letter, an Application for approval of the right to provide water service in an additional portion of East Brandywine, Chester County.

The \$350.00 filing fee is being paid electronically. Please enter my appearance for Aqua Pennsylvania, Inc. and contact me at 610-645-1130 or astahl@aquaamerica.com if you need anything further.

Very truly yours,



Alexander R. Stahl
Regulatory Counsel

cc: Certificate of Service (w/encl.)
Brenda Lewandowski (w/encl.)

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

In re: Application of Aqua Pennsylvania, Inc. :
for approval to begin to offer, render, :
furnish and supply water service to the public in an : **Docket No.**
additional portion of East Brandywine Townships :
Chester County, Pennsylvania :

To the Pennsylvania Public Utility Commission (“Commission”):

1. The name and address of Applicant are:

Aqua Pennsylvania, Inc.
762 W. Lancaster Avenue
Bryn Mawr, PA 19010

(Hereinafter referred to as “Aqua” or “Applicant”).

2. The name, address and contact information of the Applicant’s attorney are:

Alexander R. Stahl, Esq.
Regulatory Counsel
Aqua Pennsylvania, Inc.
762 W. Lancaster Avenue
Bryn Mawr, PA 19010
(610) 645-1130
Astahl@aquaamerica.com

3. Aqua is a regulated public utility company, duly organized and existing under the laws of the Commonwealth of Pennsylvania. Currently, Aqua furnishes service to over 523,000 customer accounts in Pennsylvania (representing a population of approximately 1.59 million people), as reflected in documents already on file with the Commission. Aqua’s existing service territory covers various Counties throughout Pennsylvania, including parts of East Brandywine Township in Chester County.

4. By this Application, Aqua seeks Commission approval to provide water service to an additional territory area in East Brandywine Township (“EBT”), Chester County, Pennsylvania

("Requested Territory"). The Requested Territory is shown on the map attached hereto as Attachment A and described on Attachment B which is also attached hereto.

5. There is a need for public water service in the Requested Territory. In particular, The Downingtown Area School District ("Builder or DASD"), which is not affiliated with Aqua, has requested Aqua to provide public water service for their existing elementary school, Brandywine Wallace Elementary School ("BWES") which is located at 435 Dilworth Road in East Brandywine Township. BWES is currently served by an on-lot well which has recently tested positive for Perfluorooctane Sulfonate ("PFOS"). The BWES is currently using on-site treatment for PFOS but now wishes to get service from Aqua. Following approval of this Application, the BWES would be served from a new main extension extending along Hopewell Road (S.R.4015) and Dilworth Road (T-409) within Aqua's existing "Friendship Water Division" territory and main(s) in EBT. The existing territory for Aqua's Friendship Water Division was approved under docket number A-212370F0027. The letter from DASD requesting service to BWES is attached hereto as Attachment C. EBT has provided their letter of support and an exhibit showing additional areas proximate to BWES that they approve for inclusion in this application which is attached hereto as Attachment D. Aqua is requesting the development abutting BWES to the north (School Lane) to also be included in the Requested Territory. The additional properties within the Requested Territory are single-family homes and an existing EBT park all currently served by on-lot wells. Approval of the additional area will allow Aqua to more expeditiously approve future requests for public water service for these homes that are likely to have PFOS in their existing well water. This includes twenty-one (21) properties immediately adjacent to the proposed main extension and sixty-one (61) properties within three (3) existing developments that will need small main extensions from the proposed main into these existing developments. In defense of this additional territory request, Aqua will point out that is currently in design phase to install PFOS treatment on four wells in its UGS North system in 2026 which contribute supply to the Requested Territory as further outlined in paragraph 16 below.

6. The BWES is an existing school and is not subject to any land development approvals or reviews. Also, the Requested Territory consists of existing residential homes surrounded by developments currently served by Aqua. Therefore, the BWES and additional homes are not subject to a Chester County Planning Commission's ("CCPC") review process. As part of this Application, Aqua has requested CCPC to confirm that this Application for Requested

Territory is consistent with the County’s planning. Aqua’s letter, which was not responded to, is attached hereto as Attachment E. In lieu of the County’s letter, Aqua certifies that this project is consistent with Chester County’s Planning. The County’s “Landscapes 2023” designates the area of the Requested territory as “Suburban” which is predominantly residential, with growth occurring as a natural extension of existing development. A copy of the County’s landscapes map of this area with land use designations is attached hereto as Attachment F.

7. Following approval of this Application for the Requested Territory, the DASD will enter into a Contribution in Aid of Construction Agreement (“CIAC”) to partially fund the cost of the water main extension project, that will be installed by Aqua, to serve the BWES in the form of a customer advanced contribution. Since the BWES is a bona-fide applicant, that is currently served from an on-lot well, Aqua will also contribute towards the main based on the annual revenue it estimates to receive from BWES as set forth in Aqua’s tariff. For service, BWES will require approximately 2,245 feet of 8-inch ductile iron pipe (“DIP”) main, three (3) fire hydrants, one (1) 2-inch copper domestic service and one (1) 6-inch DIP fire service line (the “Extension Project”). The approved plan showing the proposed main extension is attached hereto as Attachment G. A copy of Aqua’s standard CIAC agreement is attached hereto as Attachment H. All properties in the Requested Territory have on-lot septic systems for their wastewater.

8. The estimated cost of the BWES Extension Project is \$625,529.00 and includes the cost of road opening permits needed from the Township and the Pennsylvania Department of Transportation (“PennDOT”). There are no other permits required to install the main extension project. The extension project costs are broken down by the following NARUC Major Plant Categories:

8-inch DI Pipe - Dr. Account – 101 (UPIS) – Subaccount 331 (Transmission and Distribution Mains) - \$591,311.00

Fire Hydrants – Dr. Account – 101 (UPIS) – 335 (Hydrants) - \$24,656.00

Services - Dr. Account – 101 (UPIS) – Subaccount 333 (Services to Customers) - \$9,562.00

9. Based on a domestic annual revenue of \$11,299.80 for the BWES, Aqua's bona-fide contribution will be \$290,198.00 and DASD's customer contribution in aid of construction ("CIAC") will be \$335,331.00. Aqua will do a journal entry for its capital contribution as Debit to Plant / Mains, Credit to Cash. Aqua will do a journal entry for DASD's contribution as Debit to Cash, Credit to CIAC.

10. Since DASD has expressed a desire to connect as soon as the main is in front of the school, the Company estimates that this Extension Project could start as early as the first quarter of 2026 following the approval of this application. Based on this projection, BWES could get service as early as late in the first quarter of 2026 or sometime in the second quarter of 2026.

11. For BWES, Aqua will install a 2-inch domestic meter and a 5/8-inch by-pass meter on the fire service backflow preventer for the BWES. Aqua's estimated cost to install the BWES's 2-inch domestic meter with Radio Frequency ("RF") is \$400.00, and the estimated cost to install the 5/8-inch bypass meter with RF is \$200.00. Aqua's total estimated cost to install the meters for the BWES is estimated at \$600.00. Aqua will fund the meter installations with cash on hand and will do a journal entry as a Debit to Plant / meters, Credit to cash.

12. For existing residential properties abutting the new main, service will be provided by Aqua with 1-inch copper domestic services (main to curb) and 5/8-inch domestic meters. Aqua will fund and install the service line to each existing property abutting the new main at an estimated average cost of \$2,675.00 / connection following receipt and approval of a service application. Aqua will fund these installations with cash on hand and do a journal entry for each new service installation as Debit to Plant / Services, Credit to cash. The residential meter installations including RF will cost \$200.00 / property. Aqua will fund the installation of these meters with cash on hand and will do a journal entry for all the meter installations as a Debit to Plant / Services, Credit to Cash.

13. The rates to be charged for water service in the Requested Territory shall be the same rates in effect from time to time for Aqua's Rate Zone 1. For the BWES, the 2-inch meter is projected to generate a 12-month average of 53,400 gallons per month. Based on this, Aqua estimates it will receive an average monthly domestic revenue of \$941.65 under its Commercial

Customer rates or \$11,299.80 per year. The BWES 6-inch fire service will produce a revenue of \$260.28 per month or \$3,123.36 per year. There are three (3) public fire hydrants proposed on the main extension project that will generate a total monthly revenue of \$97.14 and \$1,165.68 total per year. Within the Requested Territory this amounts to an estimated total annual revenue of \$15,588.84. Not included in the estimated total annual revenue are revenues that may come additionally if any of the 21 existing residential homes that directly abut the new main take service. Using an average of 3,870 gallons per month, each home would generate approximately \$90.86 per month or \$1,090.29 per year based on current tariff rates.

14. The breakdown of the metered revenues is calculated as follows:

Commercial Class Customer (BWES) - 53,400 Gallons per Month

Monthly Base Rate for 2-inch meter: \$179.10

Consumption Charge up to 10,000 gallons (\$16.90 / 1,000 gal): \$169.00

Consumption Charge next 23,300 gallons (\$14.848 / 1,000 gal): \$345.96

Consumption Charge next 300,000 gallons (\$12.318 / 1,000 gal): \$247.59

Total Monthly Bill: \$941.65

Total Annual Bill: \$11,299.80

Future Residential Class Customer – 3,870 Gallons per Month

Monthly Base Rate for 5/8-inch meter: \$22.40

Consumption Charge up to 2,000 gallons (\$16.246 / 1,000 gal): \$32.49

Consumption Charge over 2,000 gallons (\$19.233 / 1,000 gal): \$33.97

Total Monthly Bill: \$90.86

Total Annual Bill: \$1,090.29

15. The incremental additional Operations and Maintenance (“O&M”) expenses that Aqua will incur in the requested territory is estimated to be \$332.17 / property which is the per customer O&M rate reported in the 2024 approved rate case.

16. The Development will be operated by Aqua’s Great Valley Division and is in Aqua’s Friendship Water system, PWSID Number PA61150137. Supply to the Requested territory will be provided from an integration of Aqua’s UGS North System (Friendship and Honey Brook systems) and Aqua’s Spring Run System. UGS North operates with nine (9) well sources of supply.

Collectively, these wells are permitted for a maximum withdrawal of 24.13 million gallons per month (“mgm”) under DRBC docket number D-2023-033 CP-2. There are six (6) storage tanks located within this system that have a combined capacity of 2.15 million gallons per day (“mgd”). When needed, UGS North can receive additional supply from the Spring Run system via an interconnect on Rock Raymond Road. Aqua’s Spring Run System operates with eight (8) well sources of supply. Collectively, these wells are permitted for a maximum withdrawal of 52 mgm under DRBC docket number D-1989-040 CP-4. There are five (5) storage tanks located in this system with a combined capacity of 2.5 mgd. The Spring Run system also receives supply from Aqua’s Ingrams Mill Water Treatment plant via an interconnection through West Bradford Township. On average, between June 2024 and June 2025, Ingrams Mill supplied 7.12 mgm to Spring Run.

17. Between June 2024 and June 2025, the total-send out from Aqua’s UGS North system, Spring Run system and Ingrams Mill plant was 633,798,193 gallons or an average of 48,753,707 gpm. Aqua certifies that there is adequate capacity in Aqua’s Friendship system to supply, treat, store and distribute the additional 53,400 gpm requested for the BWES and the potential 317,340 gpm demand when the additional 82 existing single-family homes included in the Requested Territory formally request and receive service in the future.

18. Construction of the Extension Project requires a PennDOT road opening permit and an East Brandywine Township Road opening permit. The estimated cost of these permits is \$6,870.00 (Penndot - \$420 / EBT \$6,450). Aqua will apply for both of these permits prior to commencing the BWES Extension Project.

19. No other corporation, partnership, or individual is now furnishing or has, to the best of Applicant's knowledge, corporate or franchise rights to furnish service similar to that proposed by Applicant in the Requested Territory. No competitive condition will be created by the approval of this Application, as proposed by Aqua.

20. The Applicant incorporates into this Application other information on file with the Commission which establishes the fact that Aqua is qualified to provide adequate public water service. The financial position of Aqua is outlined in the financial statements which are attached

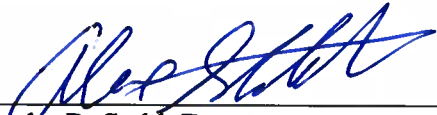
hereto as Attachment H. Aqua will supplement this Application with all additional information the Commission may require.

21. Approval of this Application is necessary and proper because there is a need for public water service in the Requested Territory which is contiguous to Aqua's existing territory, and the Applicant is fit to provide that service. Economies of scale of an expanded customer base have a beneficial effect on existing customers. There is, moreover, a need for service and Aqua is fit to provide the service. More specifically, Aqua received a request to provide water service to the existing Brandywine Wallace Elementary School that is served by an on-site well and has tested positive for PFOS. East Brandywine Township has lent their support to expand the Requested Territory to include areas around the school that represent existing residential homes all of which are fed by on-lot wells so that Aqua can more efficiently provide future service, when requested, to these homes. No other water utility or authority exists to provide alternative service to the BWES or surrounding homes within the Requested Territory. Aqua is in the business to provide such service and offers its service based on its ability to provide the requested service.

22. Aqua respectfully requests the Commission to issue an Order and a Certificate of Public Convenience authorizing Aqua to furnish water service to the Requested Territory.

WHEREFORE, the Applicant requests this Honorable Commission to approve this Application and to issue a certificate of public convenience pursuant to Section 1102(a)(1) of the Public Utility Code (66 Pa. C.S. §1102 (a)(1)) authorizing Aqua Pennsylvania, Inc. to offer, render, furnish and supply public water service to the Requested Territory.

RESPECTFULLY SUBMITTED,
AQUA PENNSYLVANIA, INC.

By: 
Alexander R. Stahl, Esq.
PA Attorney ID No. 317012
Regulatory Counsel

Counsel for Aqua Pennsylvania, Inc.

Date: October 9, 2025

VERIFICATION

I, Michael J. Fili, Vice President of Capital Planning, Design and Construction at Aqua Pennsylvania, Inc. (the "Company"), hereby state that the facts set forth in the foregoing Application with respect to the Company are true and correct to the best of my knowledge, information and belief; and that I expect the Company to be able to prove the same at any hearing hereof deemed necessary in this matter.

I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. Section 4904 (relating to unsworn falsification to authorities).



**Michael J. Fili, Vice President of Capital
Planning, Design, and Construction**

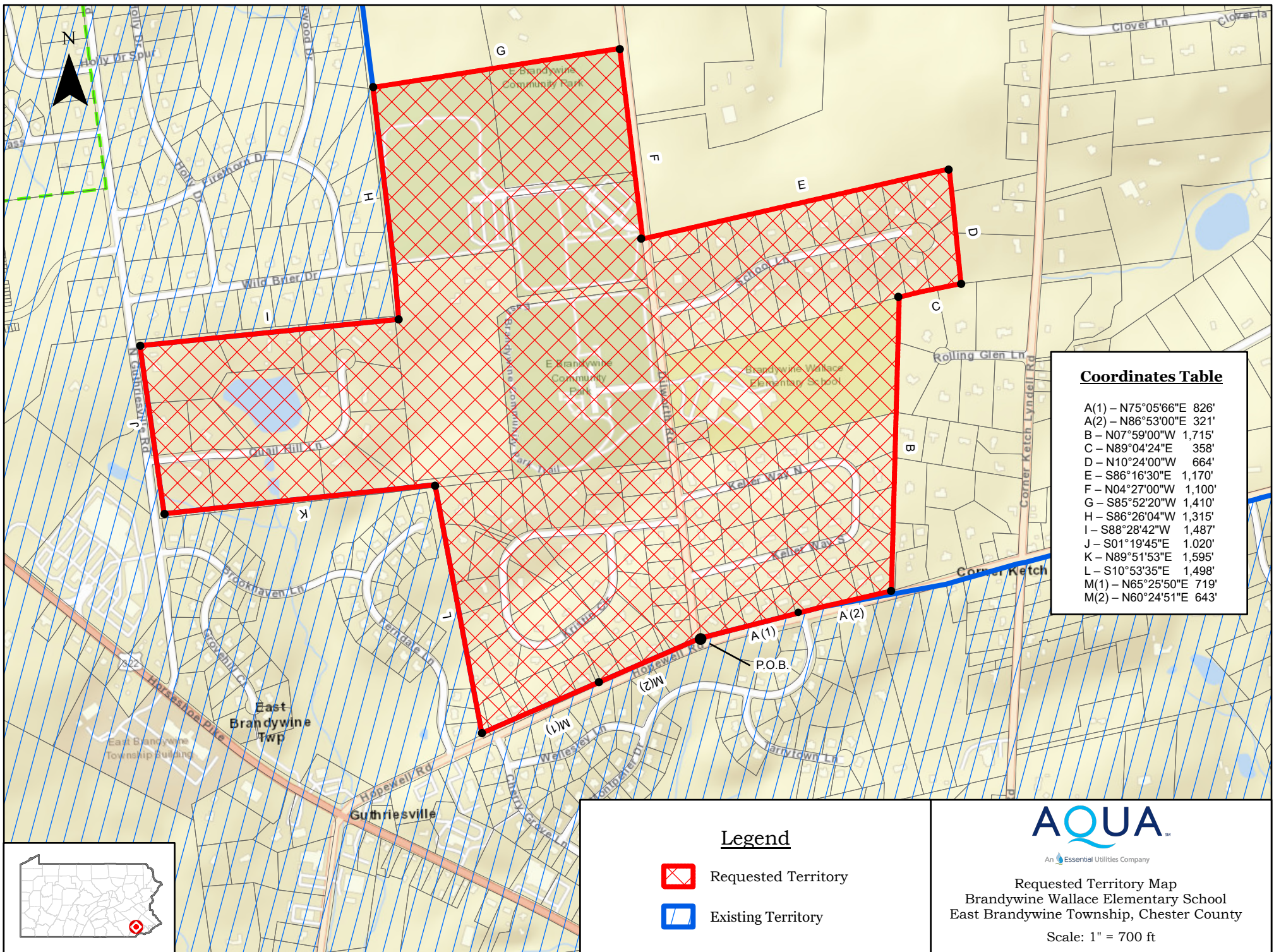
Date: 10/2 _____, 2025

LIST OF ATTACHMENTS

<u>Description</u>	<u>Attachments</u>
Requested Territory Map-----	A
Description of Requested Territory-----	B
Letter from Downingtown Area School District Requesting Service -----	C
East Brandywine Township’s support letter-----	D
Letter to Chester County Planning Commission -----	E
Chester County’s Landscapes 2023 Land Use Exhibit and designations -----	F
Proposed Main Extension Plan -----	G
Aqua Standard Contribution in Aid of Construction Agreement -----	H
2024 Financial Statements of Aqua -----	I

Attachment A



Map of the Requested Territory



Coordinates Table

A(1)	- N75°05'66"E	826'
A(2)	- N86°53'00"E	321'
B	- N07°59'00"W	1,715'
C	- N89°04'24"E	358'
D	- N10°24'00"W	664'
E	- S86°16'30"E	1,170'
F	- N04°27'00"W	1,100'
G	- S85°52'20"W	1,410'
H	- S86°26'04"W	1,315'
I	- S88°28'42"W	1,487'
J	- S01°19'45"E	1,020'
K	- N89°51'53"E	1,595'
L	- S10°53'35"E	1,498'
M(1)	- N65°25'50"E	719'
M(2)	- N60°24'51"E	643'

Legend

-  Requested Territory
-  Existing Territory



An Essential Utilities Company

Requested Territory Map
 Brandywine Wallace Elementary School
 East Brandywine Township, Chester County

Scale: 1" = 700 ft

Attachment B

Description of the Requested Territory

**Brandywine Wallace Elementary School
And
East Brandywine Community Park
Requested Territory Description**

All that certain tract of land located within the Township of East Brandywine, County of Chester, Pennsylvania, bound and described as follows:

1. **Beginning** at a point on the northern right of way line of Hopewell Road (S.R. 4015), at its intersection with the eastern right of way line of Dilworth Road (T.R. 409) and on Aqua Pennsylvania, Inc.'s ("Aqua") existing territory line; thence
 - a. From the point of beginning in an easterly direction along the right of way line of Hopewell Road the following two courses and distances: (1) North 75 degrees 05 minutes 66 seconds East 826 feet to a point and (2) North 86 degrees 53 minutes 00 seconds East 321 feet to a point; thence
 - b. Leaving the right of way of Hopewell Road and continuing in a Northeasterly direction, along the rear property lines of Keller Way properties and the Brandywine Wallace Elementary school ("BWES"), North 07 degrees 59 minutes 00 seconds East, 1,715 feet to a point located at the northeast corner of the BWES property and rear property line of 114 School Lane; thence
 - c. Continuing in a Northeasterly direction, along the southern property lines of 116 and 118 School Lane, North 89 degrees 04 minutes 24 seconds East 358 feet to a point; thence
 - d. Continuing in a Northwesterly direction, along the eastern property lines of 118 and 119 School Lane, North 10 degrees 24 minutes 00 seconds West, 664 feet to a point; thence
 - e. Continuing in a Southeasterly direction along the north property lines of 103-119 School Lane and 455 and 461 Dilworth Road, South 86 degrees 16 minutes 30 seconds East, 1,170 feet to a point on the westerly right-of-way line of Dilworth Road; thence
 - f. Continuing in a Northwesterly direction along the right-of-way line of Dilworth Road, North 4 degrees 27 minutes 00 seconds West, 1,100 feet to a point on the northeasterly property corner of the East Brandywine Township Community Park; thence
 - g. Continuing in a Southwesterly direction, along the northern property line of the EBTCP, South 85 degrees 52 minutes 20 seconds West, 1,410 feet to

a point on the northwesterly corner of EBTCP's property and Aqua's existing territory line; thence

- h. Continuing in a Southwesterly direction, along the EBTCP property line and Aqua service territory line, South 86 degrees 26 minutes 04 seconds West, 1,315 feet to a point; thence
- i. Continuing in a Southwesterly direction, along Aqua's existing territory line and northern property lines of 113, 114, 117 Quail Hill Lane and 281 N. Guthriesville Road, South 88 degrees 28 minutes 42 seconds West 1,487 feet to a point, said point being on the easterly right-of-way line of N. Guthriesville Road (S.R 4013); thence
- j. Continuing in a Southeasterly direction along the right-of-way line of N. Guthriesville Road, South 01 degrees 19 minutes 45 seconds East 1,020 feet to a point; thence
- k. Continuing in a Northeasterly direction along Aqua's existing service territory line and southern property lines of 2,4,6 Quail Hill Lane, North 89 degrees 51 minutes 53 seconds East 1,595 feet to a point; thence
- l. Continuing in a Southeasterly direction along Aqua's existing service territory line and wester property lines of 12,14,18,22 Kristin Circle and 11, 121 Hopewell Road, South 10 degrees 53 minutes 35 seconds East 1,498 feet to a point, said point being on the northerly right-of-way line of Hopewell Road; thence
- m. Continuing in a Northeasterly direction along the right-of-way line of Hopewell Road the following two courses and distances: (1) North 65 degrees 25 minutes 50 seconds East 719 feet and (2) North 60 degrees 24 minutes 51 seconds East 643 feet o a point and aforementioned point and place of beginning.

Containing 229 acres of land, be the same more or less

Attachment C

Request from Downtown Area School District



DOWNTOWN AREA SCHOOL DISTRICT

540 Trestle Place, Downingtown, PA 19335, phone 610.269.8460, fax 855.329.3273, www.dasd.org

ROBERT J. O'DONNELL, Ed.D. SUPERINTENDENT

May 1, 2025

Brenda Lewandowski
New Business Manager
Aqua Pennsylvania Wastewater, Inc.
762 W. Lancaster Avenue
Bryn Mawr, PA 19010

Dear Brenda:

I am writing on behalf of the Downingtown Area School District to request Aqua America to provide public water service to our Brandywine Wallace Elementary School at 435 Dilworth Road, Downingtown, PA, located in East Brandywine Township. The building houses approximately 500 elementary students and an additional 60 staff. It currently uses an on-site well. Due to the elevated levels of PFAS in the water that have been evident over the past 5 quarters of testing we would like the public water service as soon as possible. We would connect the school to this service as soon as a main was installed in front of the property.

Please let me know if there is any further information you need to hasten the acquisition of public water to this site.

Thank you for pursuing this matter with us.

Sincerely,

A handwritten signature in black ink that reads "Kelly Harper". The signature is written in a cursive style and is followed by a horizontal line.

Kelly Harper
Director of Facilities, Planning and Management

Attachment D

*East Brandywine Township
Letter supporting the Application*



EAST BRANDYWINE TOWNSHIP

Board of Supervisors

Carl K. Croft
Chairman

Kyle P. Scribner
Vice-Chairman

Jason R. Winters
Member

December 4, 2023

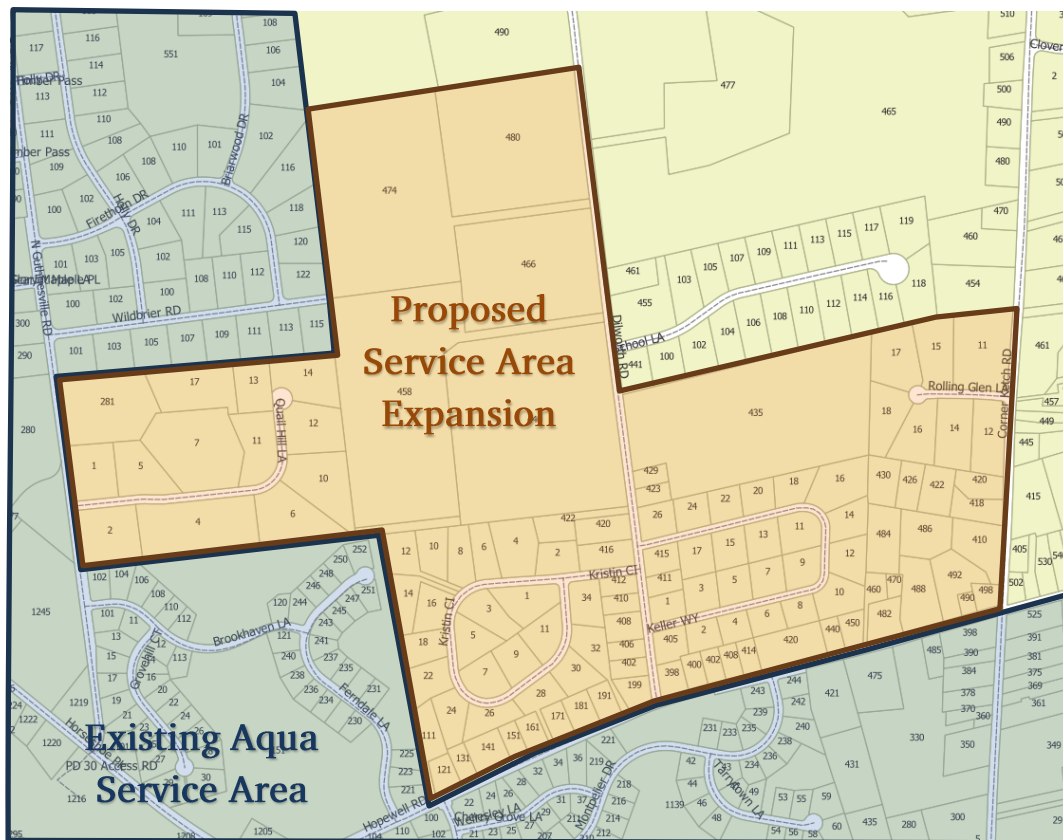
Stuart Guzowski
75 Valley Stream Pkwy #200
Malvern, PA 19355

RE: Application of Aqua Pennsylvania Expanding Service Area in East Brandywine Township

Mr. Guzowski,

On behalf of the East Brandywine Township Board of Supervisors, I write to offer the Township's support for the pending application of Aqua Pennsylvania (Aqua) to the Pennsylvania Public Utilities Commission (PUC) for the purpose of expanding its service area within our township.

The Township understands that such an application is necessitated by Downingtown Area School District's request for service at Brandywine Wallace Elementary School which is currently outside Aqua's PUC-approved service area. The Township expects that the pending request for service area expansion will include the following areas:



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By way of additional information, Aqua has asked that the Township comment on the undated attached file entitled "Exhibit A/B: Map of Certificated Territory and Growth Boundary" allegedly filed with the PUC as a component of a package opposing a prior Aqua application to the PUC. The exhibit has no relationship to current Township planning records, namely our Comprehensive Plan (2022), Official Map (2023), or Sewer Facilities Plan (2023).

Please do hesitate to contact me with any questions you may have.

Sincerely,




A handwritten signature in black ink, appearing to read "Luke Reven". The signature is fluid and cursive, with a long horizontal stroke at the end.

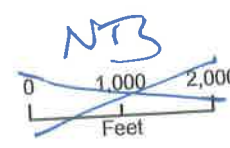
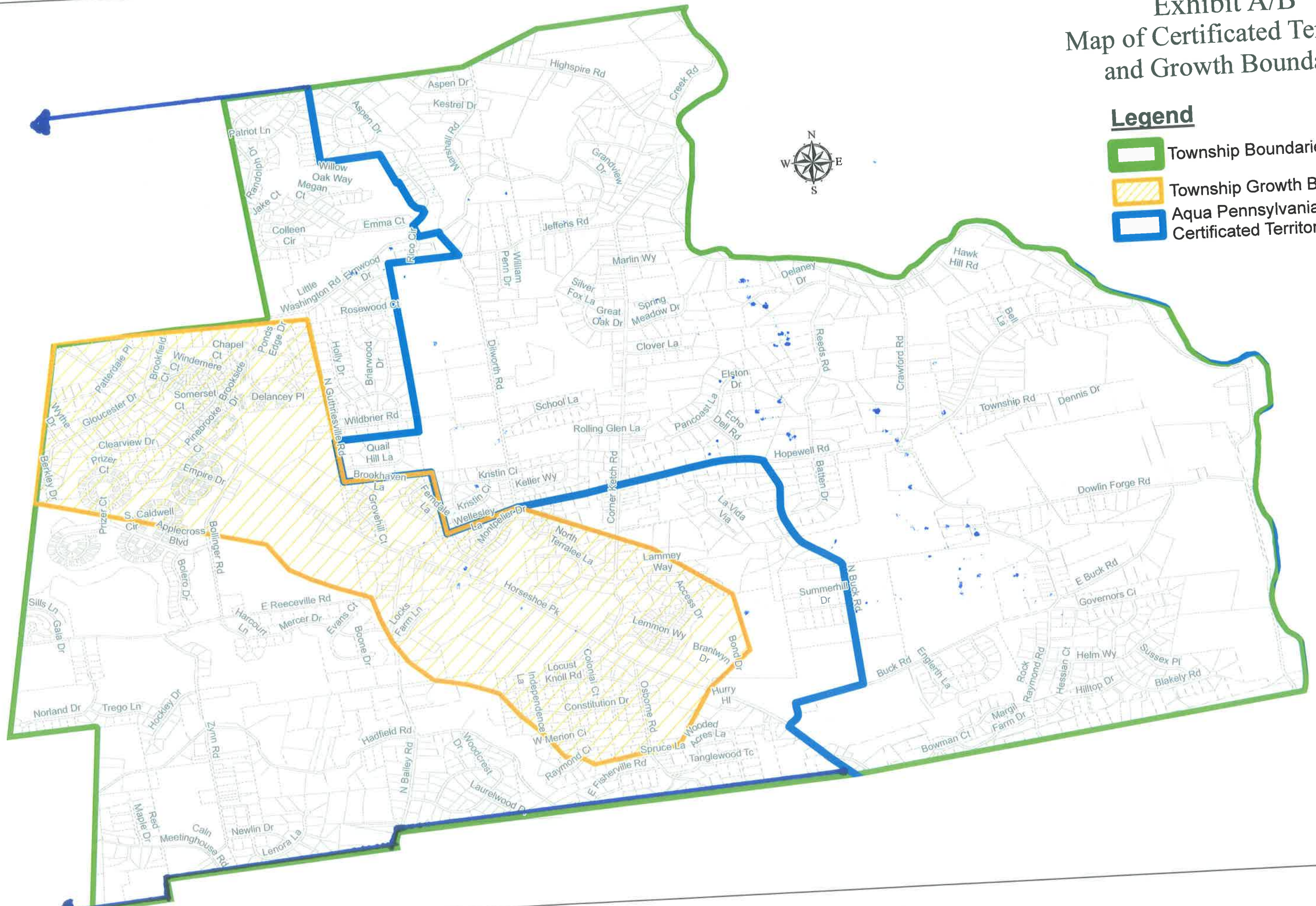
Luke Reven
Township Manager

Enc.

Exhibit A/B Map of Certificated Territory and Growth Boundary

Legend

-  Township Boundaries
-  Township Growth Boundary
-  Aqua Pennsylvania Certificated Territory



Attachment E

Letter to Chester County's Planning Commission



VIA EMAIL and U.S. MAIL

July 16, 2025

Mathew Edmond, Executive Director
Chester County Planning Commission
601 Westtown Road, Suite 270
P.O. box 2747
West Chester, PA 19380-0990
medmond@chesco.org

**Re: Aqua Pennsylvania Application to Provide Water System in an
Additional Area of East Brandywine Township**

Dear Mr. Edmond:

Aqua Pennsylvania, Inc. (“Aqua”) will be submitting an Application with the Pennsylvania Public Utility Commission (“PUC”) to approve a request by Aqua for additional service territory to provide public water to the Brandywine Wallace Elementary School (“BWES”) on Dilworth Road. In addition to the school, Aqua will be seeking additional territory that includes several existing residential developments and the East Brandywine Community Park so that it can provide future service to those properties, if requested, without having to make additional requests for territory to the PUC. I am including an exhibit plan that indicates the requested territory and Aqua’s existing territory for this area of East Brandywine Township.

As part of the application process, Aqua is seeking the County’s input for the purpose of determining if Aqua’s application complies with this County’s land use planning.

Specifically, Aqua requests that the Township reviews the following questions:

1. Are there adopted comprehensive plans for the County involved? (Y/N)_____
2. Is there an adopted multi-municipal or multi-county comprehensive plan? (Y/N)_____
3. Is there an adopted County or joint municipal zoning ordinance? (Y/N)_____
4. Is the acquisition of this system consistent with these comprehensive plans and/or zoning ordinances? (Y/N)_____

Please fill out the above and sign below, or submit a letter, indicating your responses.

Mathew Edmund, Executive Director

July 16, 2025

Page 2 of 2

If you have any questions, please call me at (610) 645-1130 or e-mail me at dcmcintyre@aquaamerica.com.

Sincerely,

David C. McIntyre

David C. McIntyre

New Business Consultant

Enclosure

Aqua Pennsylvania, Inc.'s application to serve the additional area of East Brandywine Township is consistent with the applicable comprehensive plans and zoning ordinances.

Chester County Signature _____

Printed Name / Title _____

Date _____

Please e-mail this form to: David C. McIntyre at dcmcintyre@aquaamerica.com.

Attachment F

*Chester County's Landscapes 2023 Land Use Plan and
Descriptions*

Chester County Landscapes Map and Overlays

Landscapes Map

Significant Historic Landscapes Overlay

Significant Natural Landscapes Overlay

Landscapes Map

▶ **Urban Center**

▶ **Suburban Center**

▶ **Suburban**

Predominantly residential communities with locally-oriented commercial uses and community facilities.



GROWTH OUTLOOK

- Future growth
- Growth occurs as a natural extension of existing development rather than leapfrogging to isolated greenfield sites

PRESERVATION FOCUS

- Preservation and reuse of historic buildings within the historic context
- Villages and hamlets
- Protection and restoration of natural areas, nature preserves, and cultural landscapes

LAND USE PATTERNS

▶ **Rural Center**

▶ **Rural**



Attachment G

Proposed Main Extension to the BWES

(PRINT PLAN AT 24" x 36")

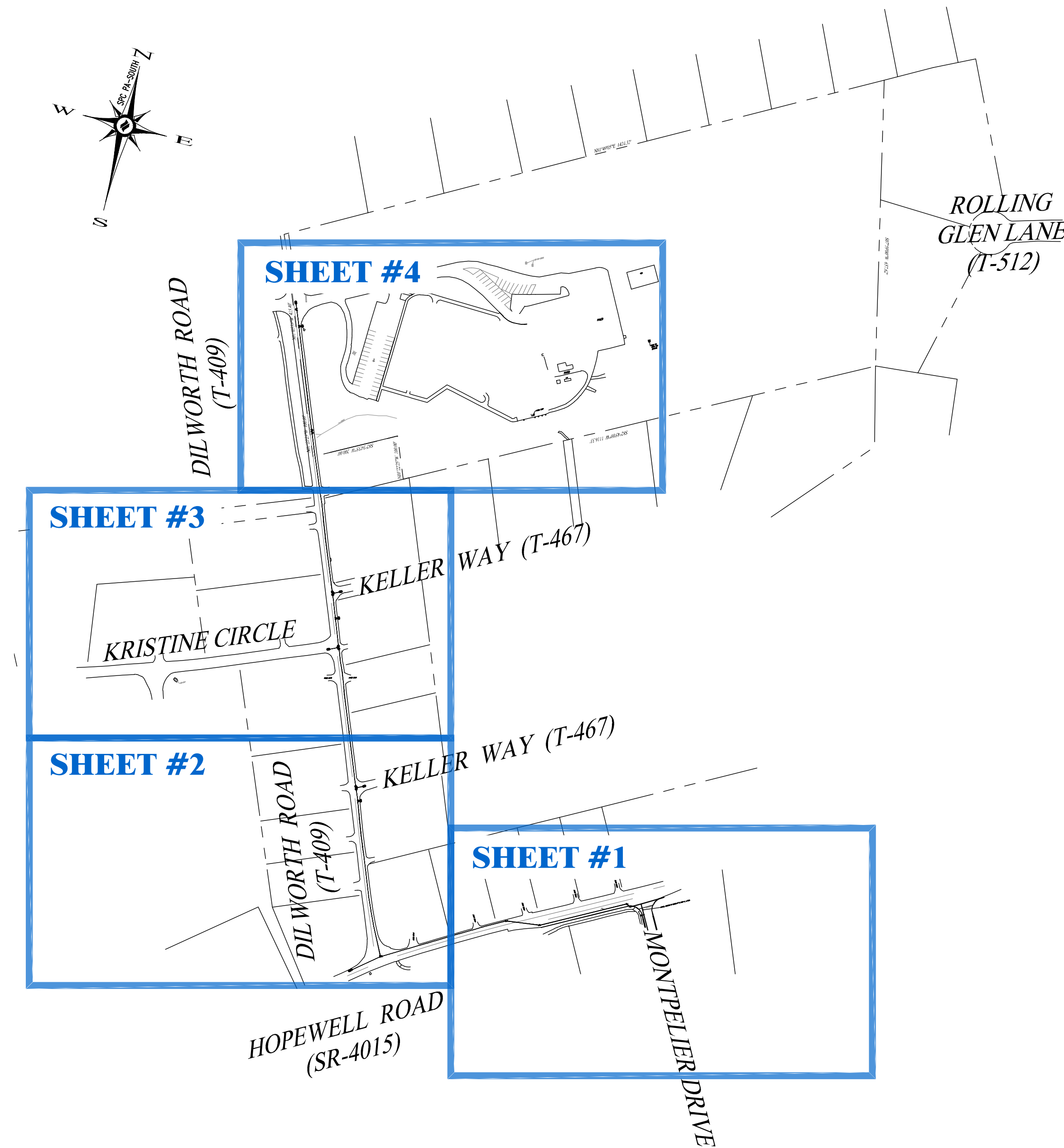
MAIN EXTENSION PLAN FOR BRANDYWINE WALLACE ELEMENTARY SCHOOL

LOCATED IN
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY
PENNSYLVANIA



GENERAL NOTES

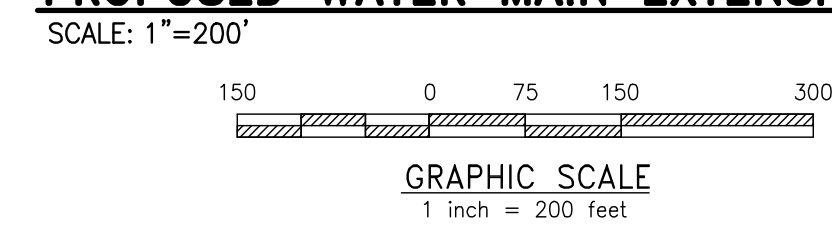
1. ALL VALVES AND FIRE HYDRANTS ARE TO OPEN LEFT.
2. ALL DIRECTIONAL CHANGE FITTINGS REQUIRE RETAINING GLANDS (MEGA-LUG OR EQUAL) WITH THE PROPER SQUARE FOOTAGE OF CONCRETE BLOCKING.
3. IN SINK HOLE PRONE AREAS ALL JOINTS SHALL BE RESTRAINED (MEGA-LUG OR EQUAL) FOR MECHANICAL JOINTS AND FIELD-LOC GASKETS FOR PUSH-ON JOINTS WITH THE PROPER SQUARE FOOTAGE OF CONCRETE BLOCKING.
4. A LENGTH EQUIVALENT TO TWO COMPLETE LENGTHS OF PIPE UPSTREAM AND DOWNSTREAM OF DIRECTIONAL CHANGE FITTINGS REQUIRE FIELD-LOC GASKETS IN SINK HOLE PRONE AREAS.
5. ALL PERMANENT BLOW-OFFS ARE TO BE BLOCKED WITH A STEEL RAIL AND THE PROPER SQUARE FOOTAGE OF CONCRETE BLOCKING (SEE DETAIL SHEET).
6. 1" M.A.V./C₂ ASSEMBLIES (SEE DETAIL SHEET) ARE REQUIRED OF ALL WATER MAIN EXTENSIONS. THE EXACT QUANTITY AND LOCATION WILL BE DETERMINED AT THE PROJECT SITE BY THE ASSIGNED AQUA PENNSYLVANIA, INC. INSPECTOR.
7. WHEN THE WORKING PRESSURE OF THE MAIN EXCEEDS 80 P.S.I. PRESSURE REDUCING VALVES ARE REQUIRED ON THE AFFECTED SERVICES. PRESSURE REDUCING VALVES ARE NOT SUPPLIED, OWNED, OR MAINTAINED BY AQUA PENNSYLVANIA, INC.
8. ALL THRUST BLOCK VALVES ARE DETERMINED ACCORDING TO THE INTENDED WORKING PRESSURE OF THE PROPOSED MAIN. WHEN PRESSURES ARE IN EXCESS OF 200 PSI, AQUA WILL PROVIDE SPECIFIC REQUIREMENTS.
9. THESE PLANS WERE PREPARED FROM INFORMATION OBTAINED FROM PLANS PROVIDED BY: D.L. HOWELL & ASSOCIATES, INC. SHEETS 1-3, LATEST REVISION DATE: 10/29/2024.
10. EASEMENT RIGHTS SHALL INCLUDE AN ADDITIONAL TEN (10) FOOT WIDE TEMPORARY EASEMENT ON ALL SIDES DURING CONSTRUCTION.
11. AN ADDITIONAL TEN (10) FOOT WIDE EASEMENT IS GRANTED FOR EACH WATER SERVICE THAT IS OR WILL BE CONNECTED TO THE WATER MAIN.
12. FIELD CHANGES WILL BE MADE AT THE DISCRETION OF THE AQUA REPRESENTATIVE OR AQUA CONSTRUCTION SUPERVISOR.
13. AQUA RESERVES THE RIGHT TO INSTALL A SAMPLING STATION(S) ON THIS MAIN EXTENSION SO IT MAY COLLECT REQUIRED OPERATIONAL AND COMPLIANCE SAMPLES UNDER DEP REGULATIONS.



SHEET INDEX

- COVER SHEET
- SHEET 1 - PIPE SHEET
- SHEET 2 - PIPE SHEET
- SHEET 3 - PIPE SHEET
- SHEET 4 - PIPE SHEET
- SHEET 5 - TRAFFIC CONTROL DETAILS
- SHEET 6 - ROAD RESTORATION DETAILS
- SHEET 7 - MISCELLANEOUS DETAILS
- SHEET 8 - BLOCKING & RESTRAINING TABLES

PROPOSED WATER MAIN EXTENSION PLAN



MATERIAL RECORD					
FEET	PIPE (TYPE & CLASS)	QUAN.	SIZE	ARTICLE	
-	-	-	-	M.A.V. ASSEMBLY	
-	-	-	-	BLOW-OFF ASSEMBLY	
-	-	-	-	BLOW-OFF ASSEMBLY	
-	-	-	-	TEES	
QUAN.	SIZE	ARTICLE		TEES	
-	-	TAP VLV.		TAP SLV.	
-	-	VALVES		-	
-	-	VALVES		-	
-	-	VALVES		-	
-	-	VALVE BOXES COMPLETE		BENDS	
-	-	-		BENDS	
-	-	-		BENDS	
EXCAVATION IN CUBIC YARDS					
EARTH:	ROCK:	-	-	CONCRETE	
PAVING:	SF.	OTHER:	-	-	
STARTED:	-	-	-	-	
FINISHED:	-	-	-	-	
WATER ON:	-	-	-	-	
INSPT. BY:	-	-	-	-	
REMARKS:	-				



PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL
POCS SERIAL NUMBER(S):
20243032503

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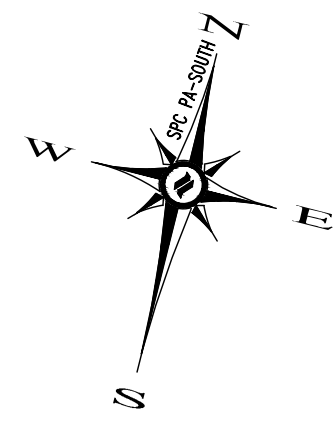
Civil Engineering | Land Planning | Environmental
1250 Wrights Lane, West Chester, PA 19380
Phone: (610) 918-9002 Fax: (610) 918-9003



AQUA PENNSYLVANIA, INCORPORATED
762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

**MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
DOWNTOWN AREA SCHOOL DISTRICT
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA**

DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: 1"=200'	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	A-68931 COVER



ALL TIE-INS TO BE BLOCKED AND RESTRAINED

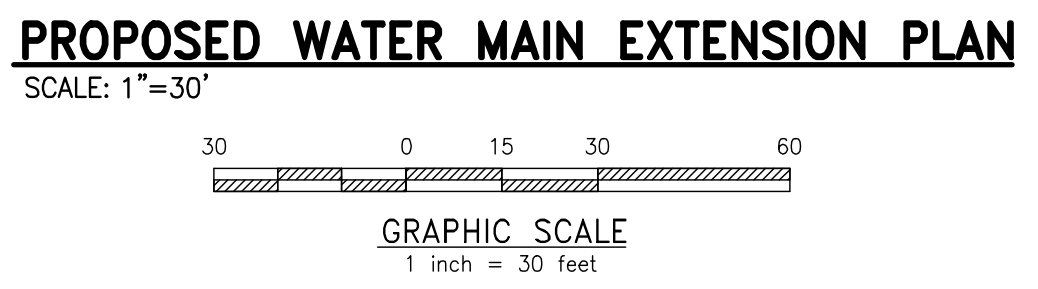
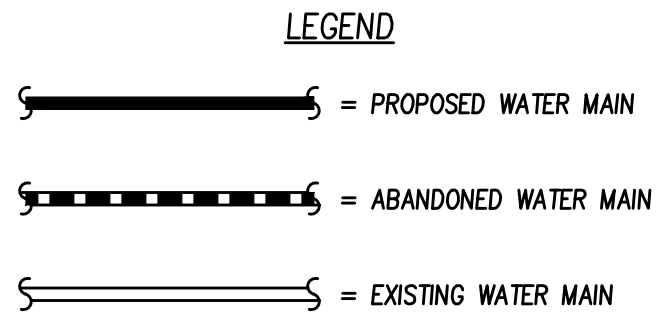
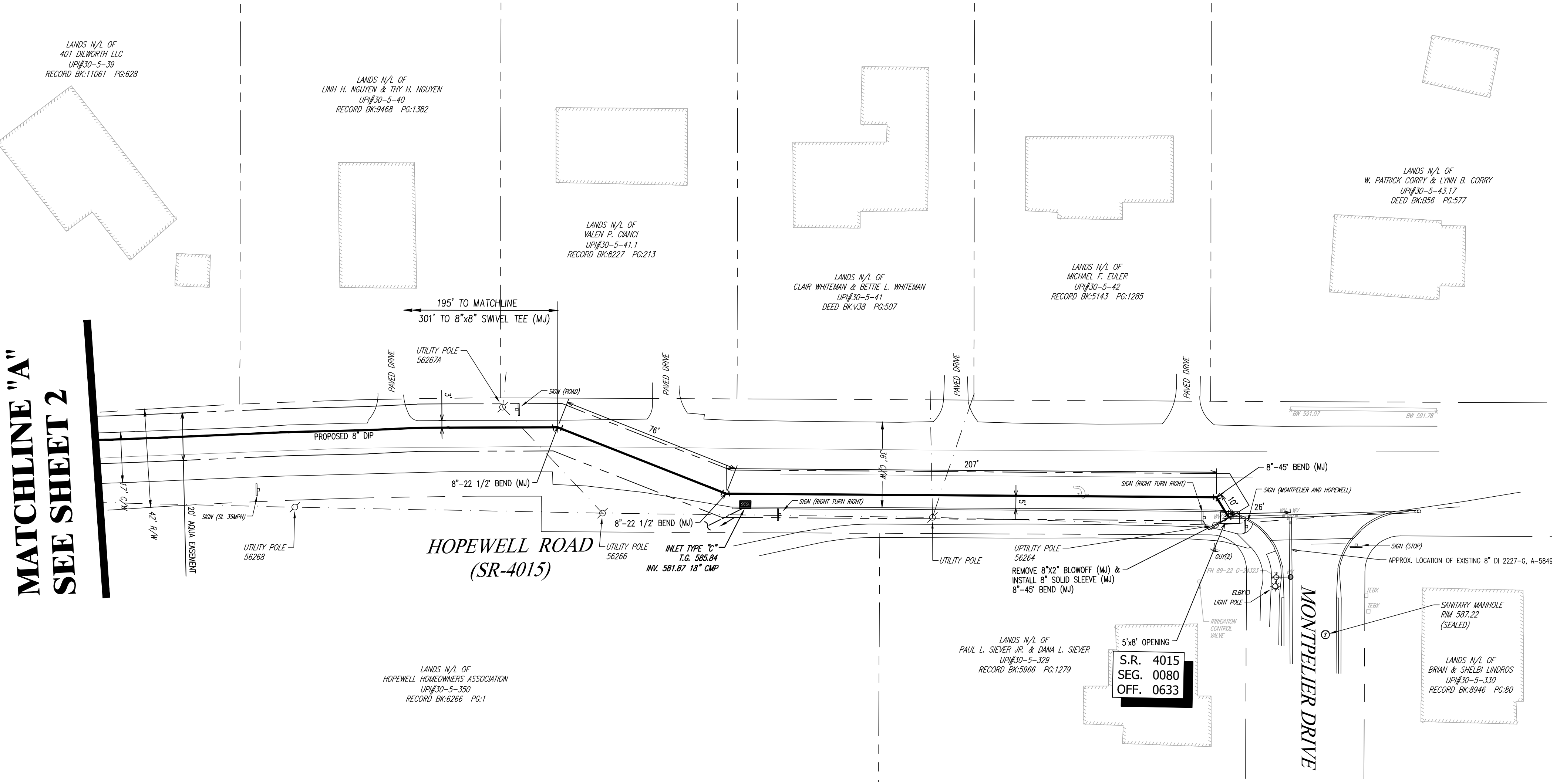
FOR BLOCKING AND RESTRAINING TABLE SEE SHEET 8

PROJECT PRESSURE 100 PSI

- PENNDOT ROAD OPENING BOXES:
- PENNDOT IS REQUIRING AQUA TO PROVIDE THE DEPICTION OF THE ROAD OPENINGS ON THE PLANS FOR THE HOP APPLICATIONS. THEY WOULD LIKE EACH OPENING TO BE DEPICTED ON THE PLAN ALONG WITH THE SEGMENT AND OFFSET.
 - THE SR # SEG #/OFF # SHOULD BE DEPICTED ABOVE OR BELOW THE FITTING CALL OUT OF THE BEGIN/END OF THE ROAD OPENING FOR THE PENNDOT REVIEWER.
 - THERE ARE 5 DIFFERENT BOXES FOR DIFFERENT TYPES OF OPENINGS, AS FOLLOWS:
 - 5'x5' OPENING = CUT&PLUG
 - 5'x8' OPENING = TAP OR INLINE TIE-IN
 - 5'x10' OPENING = DIRECTIONAL DRILL SEND / RECEIVE PIT
 - 10'x10' OPENING = (2) 45° BEND TIE-IN OR HORIZONTAL BORE RECEIVE PIT
 - 10'x30' OPENING = HORIZONTAL BORE SEND PIT
 - THE FOLLOWING ARE THE REQUIRED TRENCH SIZES FOR THE RESPECTIVE PIPE DIAMETERS: UP TO AND INCLUDING:

SERVICES	2.50' TRENCH WIDTH	20" PIPE	4.50' TRENCH WIDTH
6" PIPE	2.50' TRENCH WIDTH	24" PIPE	4.50' TRENCH WIDTH
8" PIPE	2.50' TRENCH WIDTH	30" PIPE	5.00' TRENCH WIDTH
12" PIPE	2.50' TRENCH WIDTH	36" PIPE	5.50' TRENCH WIDTH
16" PIPE	3.00' TRENCH WIDTH	42" PIPE	6.00' TRENCH WIDTH

MATCHLINE "A"
SEE SHEET 2



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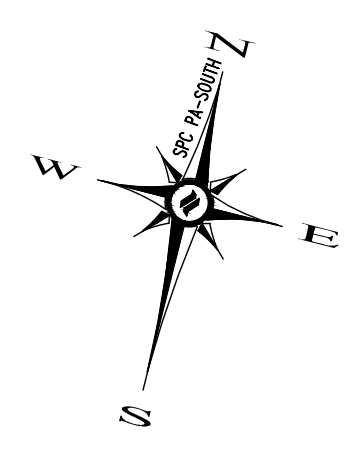
NO	DATE	REVISION	INTL

AQUA PENNSYLVANIA, INCORPORATED
762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
DOWNTOWN AREA SCHOOL DISTRICT
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA

DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: 1"=30'	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	

A-68931
SHEET 1 OF 8

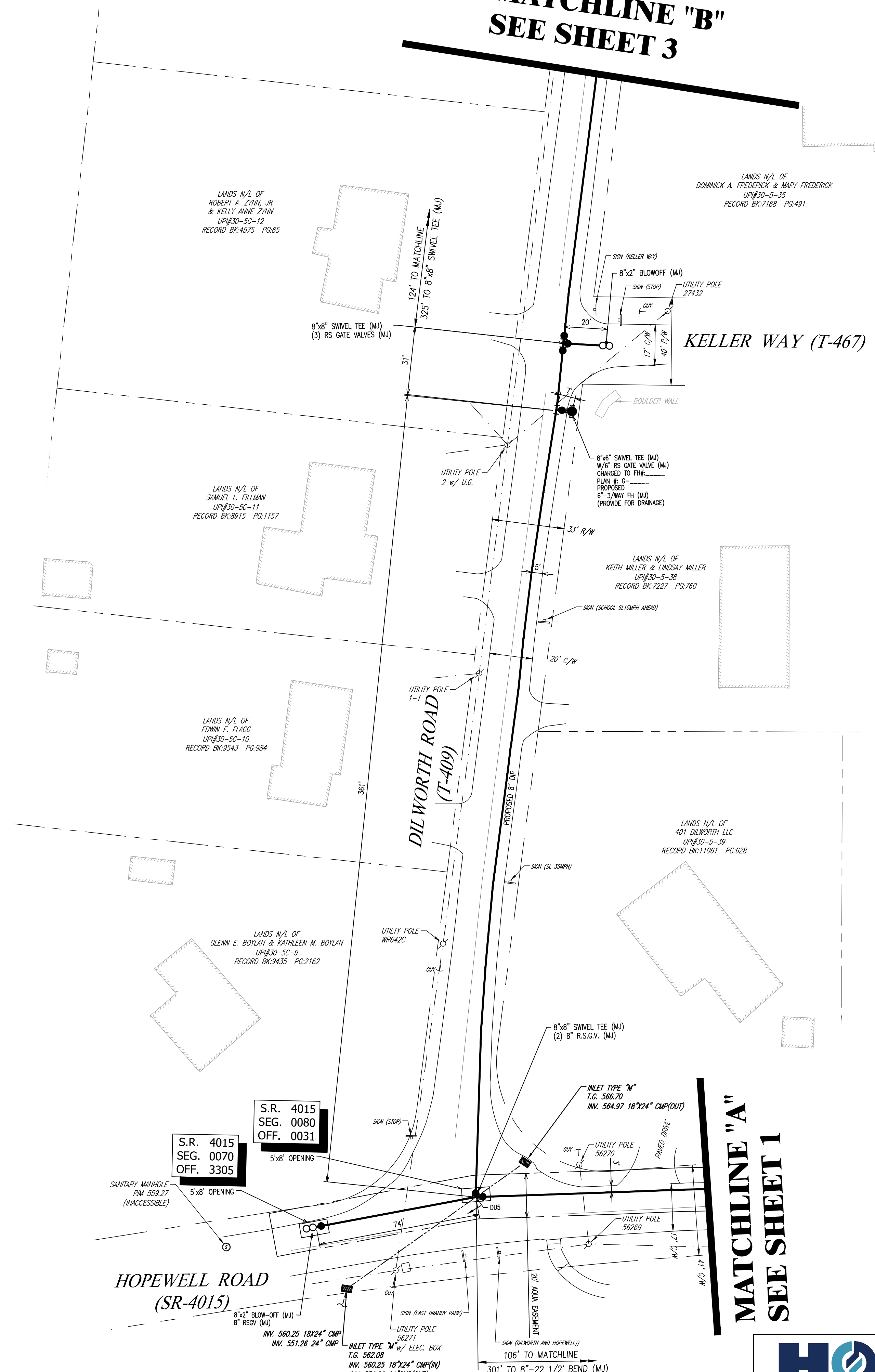


MATCHLINE "B"
SEE SHEET 3

ALL TIE-INS TO BE BLOCKED
AND RESTRAINED

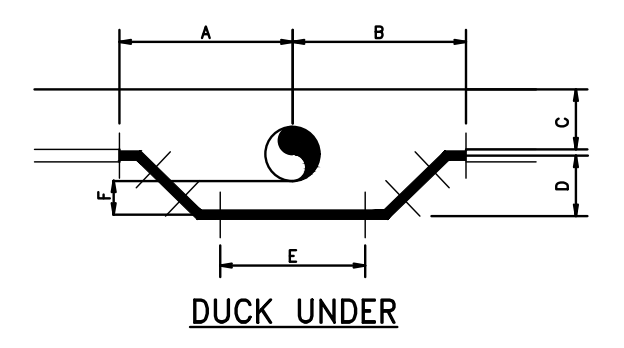
FOR BLOCKING AND
RESTRAINING TABLE
SEE SHEET 8

PROJECT PRESSURE
100 PSI



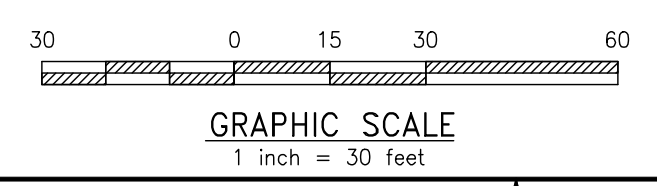
- PENNDOT ROAD OPENING BOXES:**
- PENNDOT IS REQUIRING AQUA TO PROVIDE THE DEPICTION OF THE ROAD OPENINGS ON THE PLANS FOR THE HOP APPLICATIONS. THEY WOULD LIKE EACH OPENING TO BE DEPICTED ON THE PLAN ALONG WITH THE SEGMENT AND OFFSET.
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SERVICES	2.50' TRENCH WIDTH	20" PIPE	4.50' TRENCH WIDTH
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8" PIPE	2.50' TRENCH WIDTH	30" PIPE	5.00' TRENCH WIDTH
12" PIPE	2.50' TRENCH WIDTH	36" PIPE	5.50' TRENCH WIDTH
16" PIPE	3.00' TRENCH WIDTH	42" PIPE	6.00' TRENCH WIDTH



SHEET #	A	B	C	D	E	F
DU1	2	3.1'	3.1'	4'	1.1'	4.0'

PROPOSED WATER MAIN EXTENSION PLAN
SCALE: 1"=30'



- LEGEND**
- = PROPOSED WATER MAIN
 - = ABANDONED WATER MAIN
 - = EXISTING WATER MAIN

MATCHLINE "A"
SEE SHEET 1

NO	DATE	REVISION	INTL

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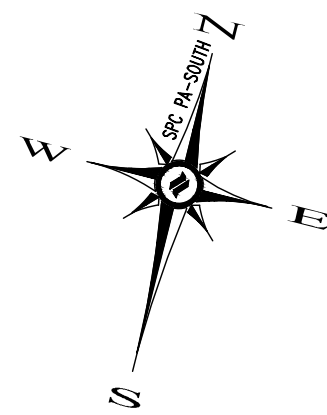
MAIN EXTENSION FOR:
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DOWNTOWN AREA SCHOOL DISTRICT
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA

DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: 1"=30'	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	A-68931
SHEET 2 OF 8		

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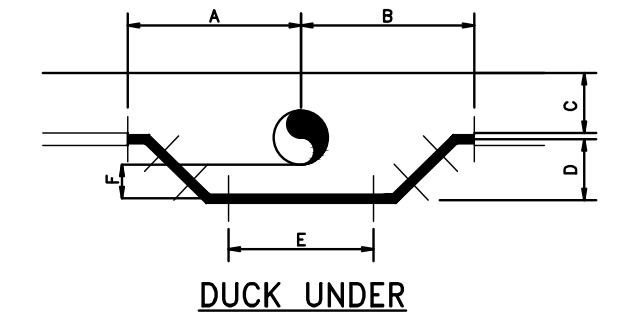


**MATCHLINE "C"
SEE SHEET 4**

**ALL TIE-INS TO BE BLOCKED
AND RESTRAINED**

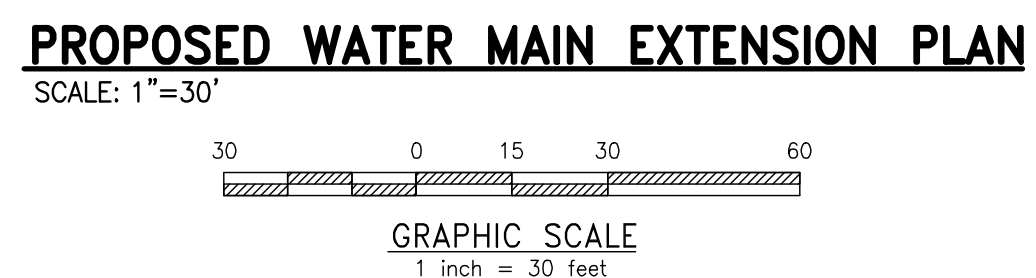
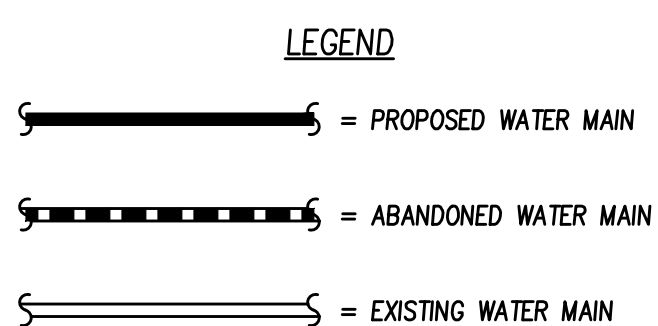
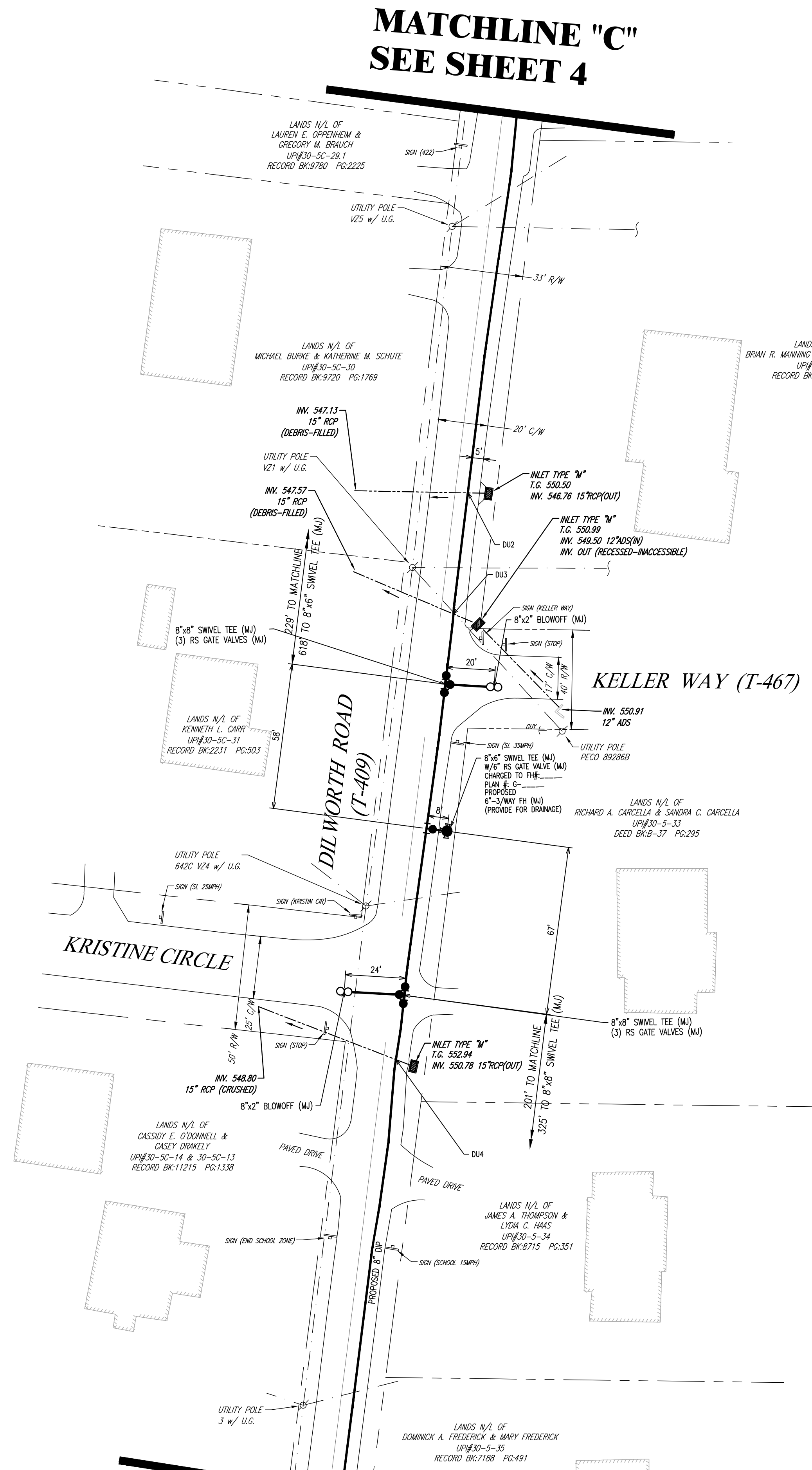
**FOR BLOCKING AND
RESTRAINING TABLE
SEE SHEET 8**

**PROJECT PRESSURE
100 PSI**



DUCK UNDER TABLE

SHEET #	A	B	C	D	E	F
DU2	3	3.1'	3.1'	4'	1.1'	4.0'
DU3	3	3.1'	3.1'	4'	1.1'	4.0'
DU4	3	3.1'	3.1'	4'	1.1'	4.0'



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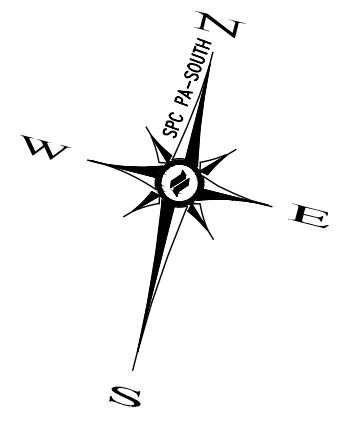
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762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

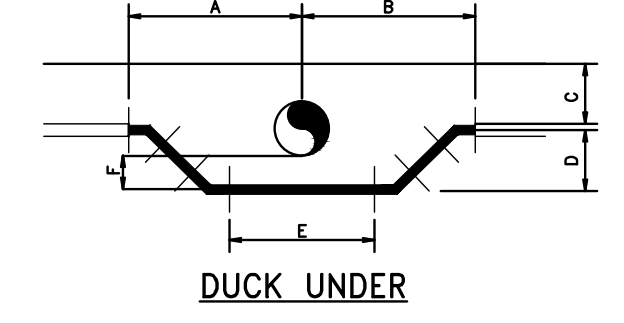
**MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
DOWNTOWN AREA SCHOOL DISTRICT
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA**

DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: 1"=30'	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	

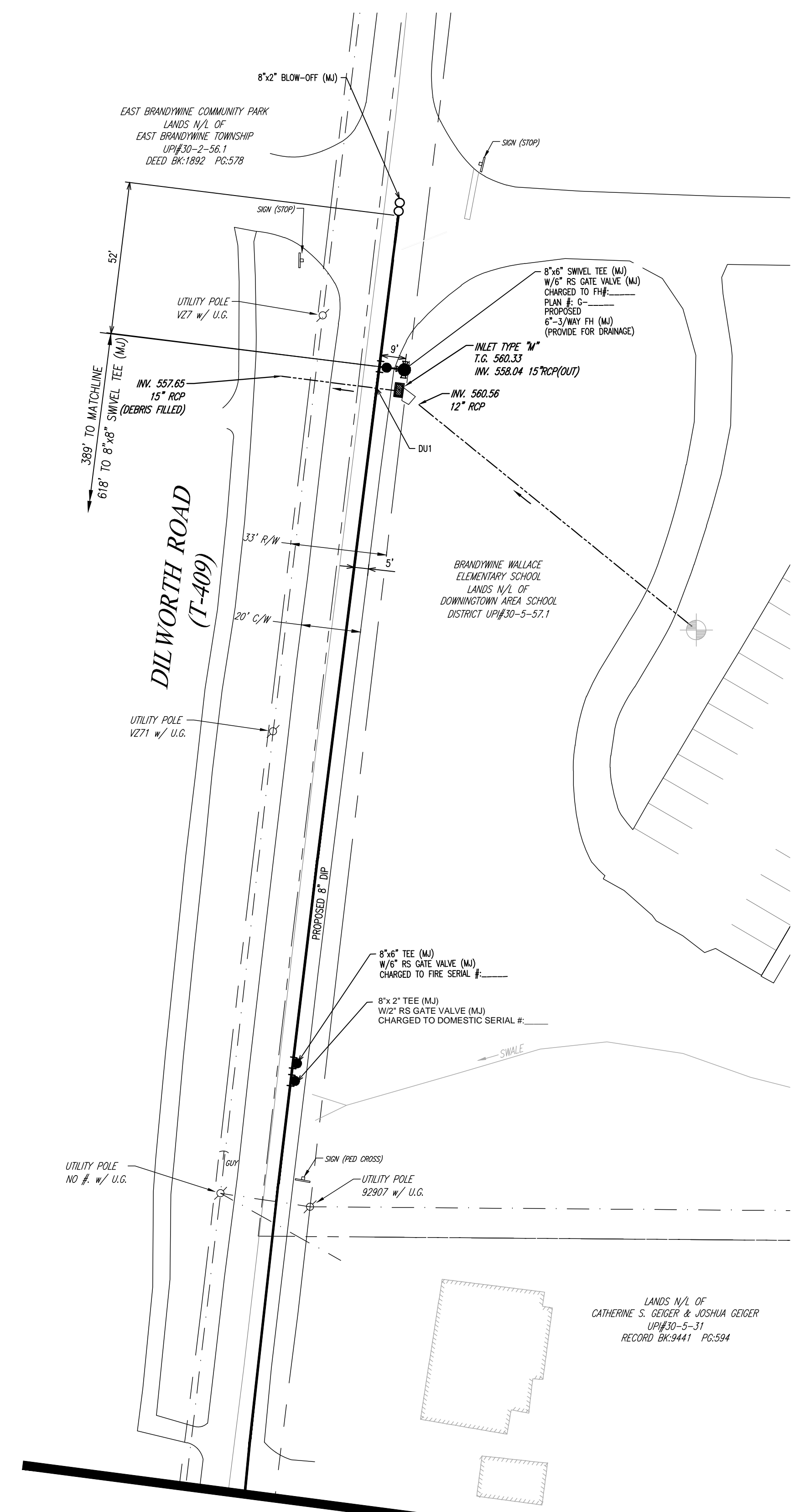
A-68931
SHEET 3 OF 8



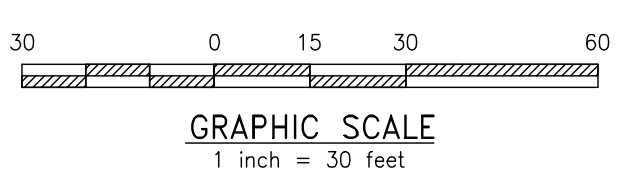
ALL TIE-INS TO BE BLOCKED AND RESTRAINED
 FOR BLOCKING AND RESTRAINING TABLE SEE SHEET 8
 PROJECT PRESSURE
 100 PSI



DUCK UNDER TABLE						
SHEET #	A	B	C	D	E	F
DJ5	4	3.1'	3.1'	4'	1.1'	2'



MATCHLINE "C"
SEE SHEET 3 **PROPOSED WATER MAIN EXTENSION PLAN**
 SCALE: 1"=30'



LEGEND
 = PROPOSED WATER MAIN
 = ABANDONED WATER MAIN
 = EXISTING WATER MAIN

NO	DATE	REVISION	INTL

AQUA PENNSYLVANIA, INCORPORATED
 762 LANCASTER AVENUE, BRYN MAWR, PA., 19010
MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
DOWNTOWN AREA SCHOOL DISTRICT
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA

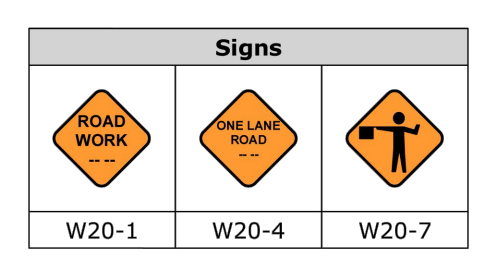
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DATE:	6/3/2025	SCALE:	1"=30'	PLATE:	NN-21
PROJECT No:	14.25	ACTIVITY No:		A-68931	
SHEET 4 OF 8					

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PATA 107

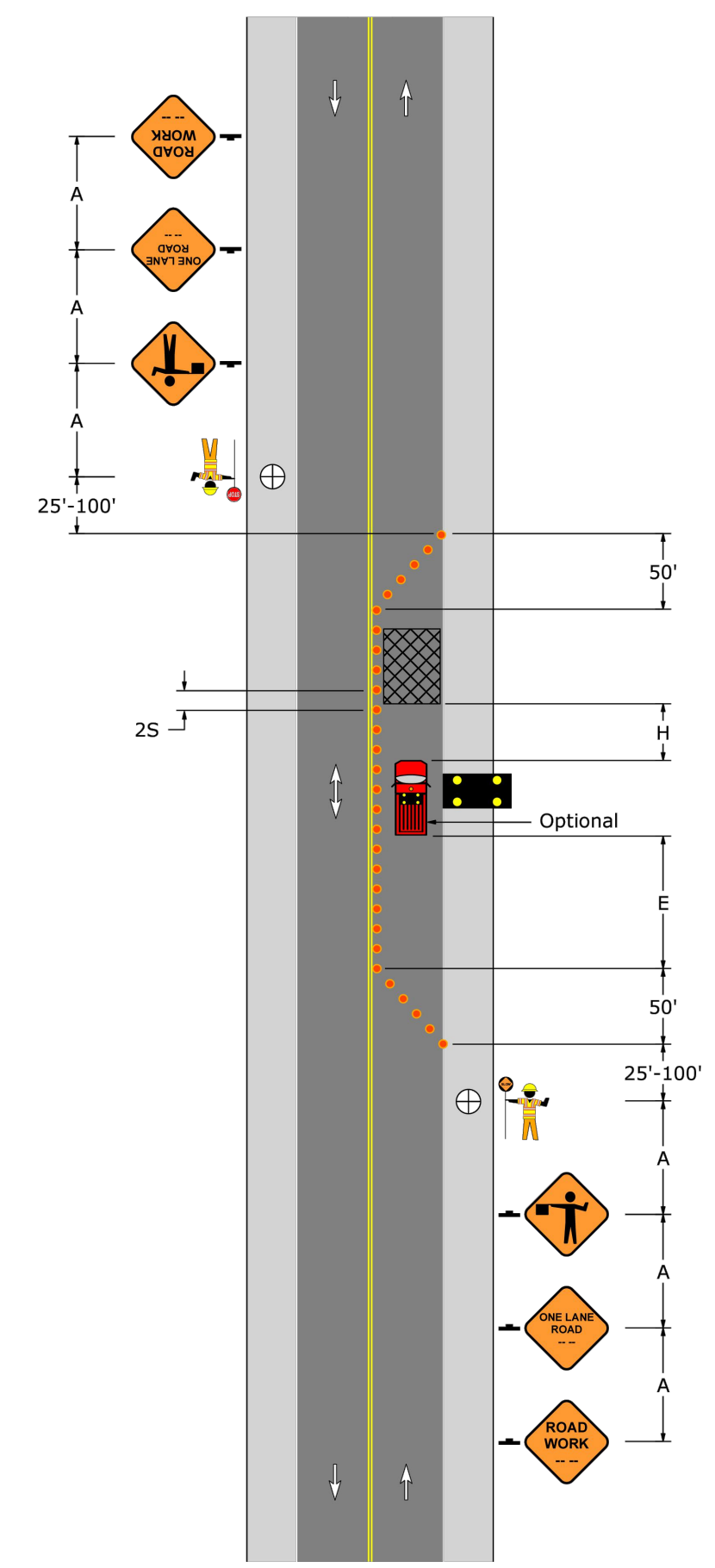
1. Flaggers shall be clearly visible to traffic for a minimum distance of E.
2. For operations of 15 minutes or less:
 - a) The ROAD WORK, ONE LANE ROAD, and FLAGGER SYMBOL signs are not required.
 - b) All channelizing devices may be eliminated if a shadow vehicle is present and the operation does not proceed against normal traffic flow.
3. When a shadow vehicle is not used, distance E is measured from the end of the taper to the beginning of the work space.



Speed	Channelizing Devices Spacing	Sign Spacing		Buffer Space	Roll Ahead Space
		Urban	Rural		
S (MPH)	2S (Feet)	A (Feet)	A (Feet)	E (Feet)	H (Feet)
25	50	100 - 200	500 - 800	155	150
30	60	100 - 200	500 - 800	200	150
35	70	100 - 200	500 - 800	250	150
40	80	350 - 500	500 - 800	305	150
45	90	350 - 500	500 - 800	360	150
50	100	350 - 500	500 - 800	425	250
55	110	350 - 500	500 - 800	495	250

Speed	50' Per Lane Taper	
	Length (Feet)	Minimum Number Of Devices
S (MPH)		
25	50	6
30	50	6
35	50	6
40	50	6
45	50	6
50	50	6
55	50	6

PATA 107

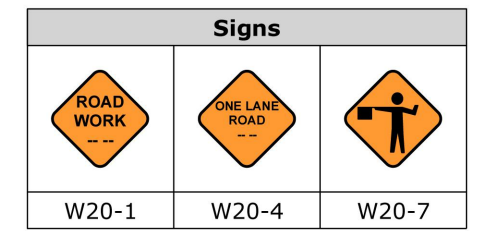


PENNDOT CONSTRUCTION NOTES:

1. TOWNSHIP TO BE NOTIFIED PRIOR TO WORKING NEAR SCHOOL SIGNALS AND SHALL MARK OUT AS REQUIRED.
2. SHOULDER AREAS PRONE TO WASHOUT SHALL BE PAVED.
3. ANY DAMAGE TO TREES OR CUT SLOPES CAUSING THEM TO FAIL SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
4. MAIN TO BE SLEEVED OR ENCASED WHERE PASSING THROUGH GUARDRAIL.
5. PERMITTEE AND HIS CONTRACTOR ARE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE REQUIRED EROSION AND SEDIMENTATION CONTROL MEASURES. APPROPRIATE CONTROLS ARE TO BE IN PLACE PRIOR TO SITE DISTURBANCE, CONTINUALLY MAINTAINED DURING CONSTRUCTION UNTIL REMOVED AND LEFT IN PLACE UNTIL SITE IS STABILIZED.
6. TOWNSHIP TO BE NOTIFIED PRIOR TO WORKING NEAR TRAFFIC SIGNAL LOOPS AND SHALL MARK OUT AS REQUIRED.
7. A BRIDGE OCCUPANCY LICENSE SHALL BE OBTAINED FOR THE STRUCTURE EXCEPT IN EMERGENCY SITUATION.
8. EACH FLAGGER STATION SHALL BE ILLUMINATED AT NIGHT WITH AN OVERHEAD LIGHTING SOURCE HAVING 30,000 TO 40,000 LUMENS MINIMUM OF LIGHT OUTPUT FOR AN AREA OF NOT LESS THAN 7,500 SQUARE FEET. THE LIGHTING SOURCE SHALL HAVE A MINIMUM COLOR TEMPERATURE OF 3,000 DEGREES AND A MAXIMUM OF 4,000 DEGREES. POSITION THE LIGHT SO THE FLAGGERS CAN BE SEEN AND NOT CAUSE EXCESSIVE GLARE TO MOTORIST TRAVELING THROUGH THE WORK ZONE.
9. NOTIFY THE DISTRICT 6-0 REGIONAL TRAFFIC MANAGEMENT CENTER (RTMC) 610-205-6934 FIFTEEN (15) MINUTES IN ADVANCE OF ANY PROPOSED LANE OR SHOULDER RESTRICTION, ROAD CLOSURE, OR ANY OPERATION IMPEDING THE FLOW OF TRAFFIC. NOTIFY THE RTMC WHEN THE ROAD IS RESTORED TO NORMAL OPERATION.
10. SUBMIT A COMPLETED M-937R FORM TO THE DISTRICT HAULING PERMIT OFFICE (610-205-6787) AND THE INSPECTOR-IN-CHARGE TEN WORKING DAYS IN ADVANCE OF ALL TRAFFIC RESTRICTIONS.
11. PROTECT DROP-OFFS ADJACENT TO A TRAVEL LANE IN ACCORDANCE WITH PUBLICATION 408, SECTION 901.3(J).
12. THE WORK MUST BE PERFORMED IN WAY THAT WILL NOT CREATE A HAZARD FOR VEHICLE TRAFFIC OR PEDESTRIAN TRAFFIC.
13. COORDINATE DELIVERY OF EQUIPMENT, MATERIAL TO MINIMIZE INCONVENIENCE TO TRAVELING PUBLIC.
14. REPLACE ALL PAVEMENT MARKINGS WHICH HAD BEEN REMOVED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED.

PATA 109 (A Through L)

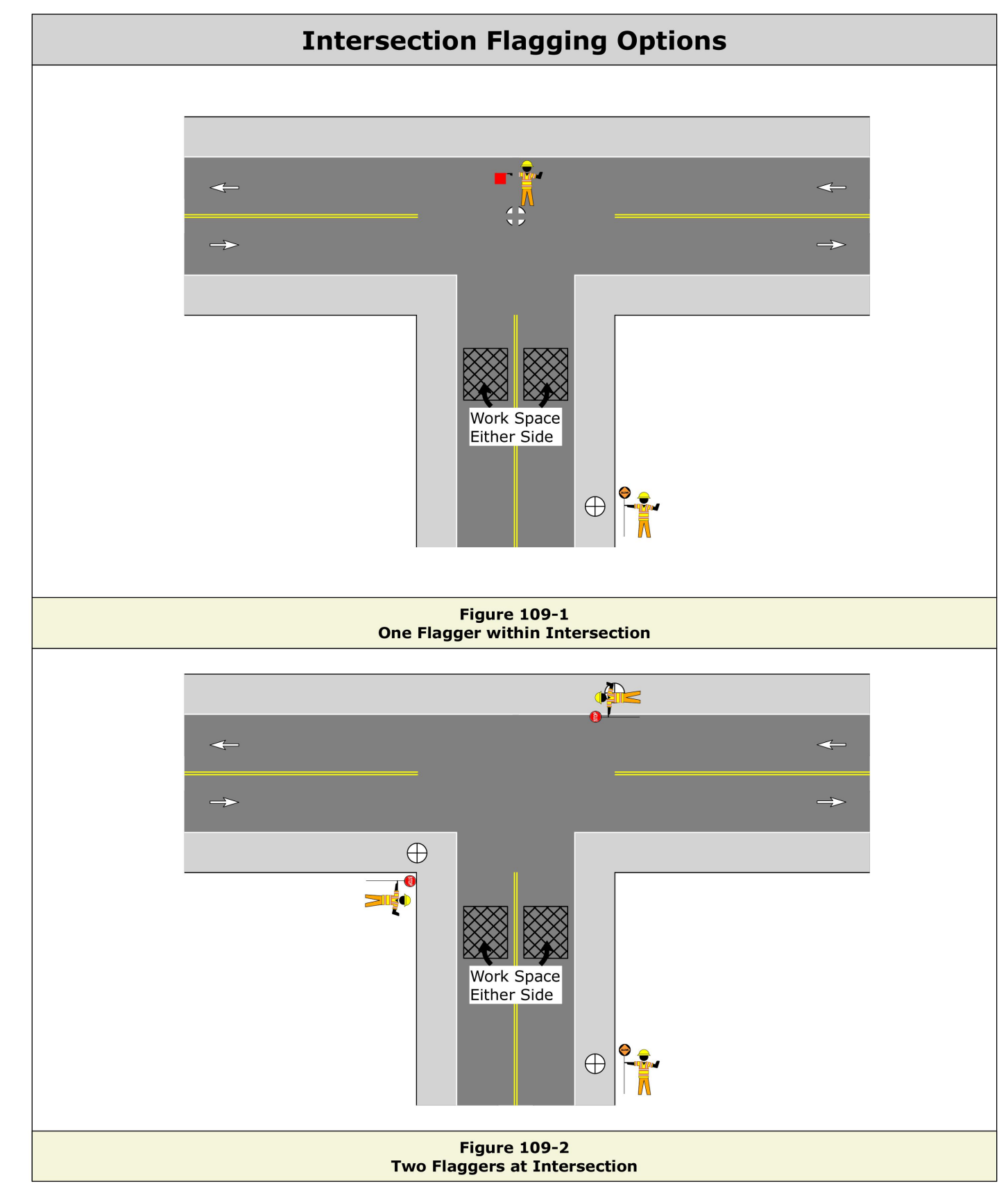
1. PATA 109 drawings show work spaces on roads that approach and depart T-intersections with through-roads. Single-flagger or multi-flagger intersection control is illustrated for intersections with three types of permanent control:
 - a) One-Way Stop
 - b) All-Way Stop
 - c) Traffic Signal
2. Flaggers shall be clearly visible to traffic for a minimum distance of E.
3. For operations of 15 minutes or less:
 - a) The ROAD WORK, ONE LANE ROAD, and FLAGGER SYMBOL signs are not required.
 - b) All channelizing devices may be eliminated if a shadow vehicle is present and the operation does not proceed against normal traffic flow.
4. When a shadow vehicle is not used, distance E is measured from the end of the taper to the beginning of the work space.



Speed	Channelizing Devices Spacing	Sign Spacing		Buffer Space	Roll Ahead Space
		Urban	Rural		
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55	110	350 - 500	500 - 800	495	250

Speed	50' Per Lane Taper	
	Length (Feet)	Minimum Number Of Devices
S (MPH)		
25	50	6
30	50	6
35	50	6
40	50	6
45	50	6
50	50	6
55	50	6

PATA 109 (A Through L)



NOTES:

1. ALL SIGNS SHALL BE REFLECTORIZED.
2. ALL FLAGGERS MUST BE IN COMMUNICATION WITH EACH OTHER AND PENNDOT CERTIFIED.
3. EACH FLAGGER SHOULD BE CLEARLY VISIBLE TO THE TRAFFIC WHICH IS BEING CONTROLLED.
4. NOTIFY THE LOCAL MUNICIPALITY WHEN A SIGNALIZED INTERSECTION FALLS WITHIN THE WORK ZONE. DO NOT FLAG A SIGNALIZED INTERSECTION WITHOUT THE MUNICIPALITY PLACING THE SIGNAL ON FLASH.
5. NO OPEN TRENCHES WILL BE PERMITTED AT NIGHT.
6. MAINTAIN ALL ACCESS TO DRIVEWAYS AND SIDE ROADS.
7. NO LANE CLOSURES OR TRAFFIC RESTRICTIONS ON LEGAL HOLIDAYS AND BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 7:00 PM.
8. NOTIFY LOCAL EMERGENCY UNITS (POLICE, FIRE, MEDICAL, ETC.), LOCAL BUSINESSES, SCHOOL DISTRICT, THE LOCAL MEDIA AND THE REPRESENTATIVE TEN (10) WORKING DAYS IN ADVANCE OF THE START OF WORK.
9. THE CONTRACTOR IS REQUIRED TO SUBMIT A ROAD RESTRICTION FORM TO THE DISTRICT 6-0 PRESS OFFICE ONE WEEK IN ADVANCE OF ANY LANE CLOSURES AND TWO WEEKS IN ADVANCE OF ANY FULL CLOSURES THAT NECESSITATE A DETOUR. THE FORM IS AVAILABLE ONLINE AT penndot.gov/district6/roadrestrictionform OR BY CALLING 610-205-6797.

NO	DATE	REVISION	INTL

AQUA PENNSYLVANIA, INCORPORATED
762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

**MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
TRAFFIC CONTROL DETAILS
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA**

DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: N.T.S.	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	

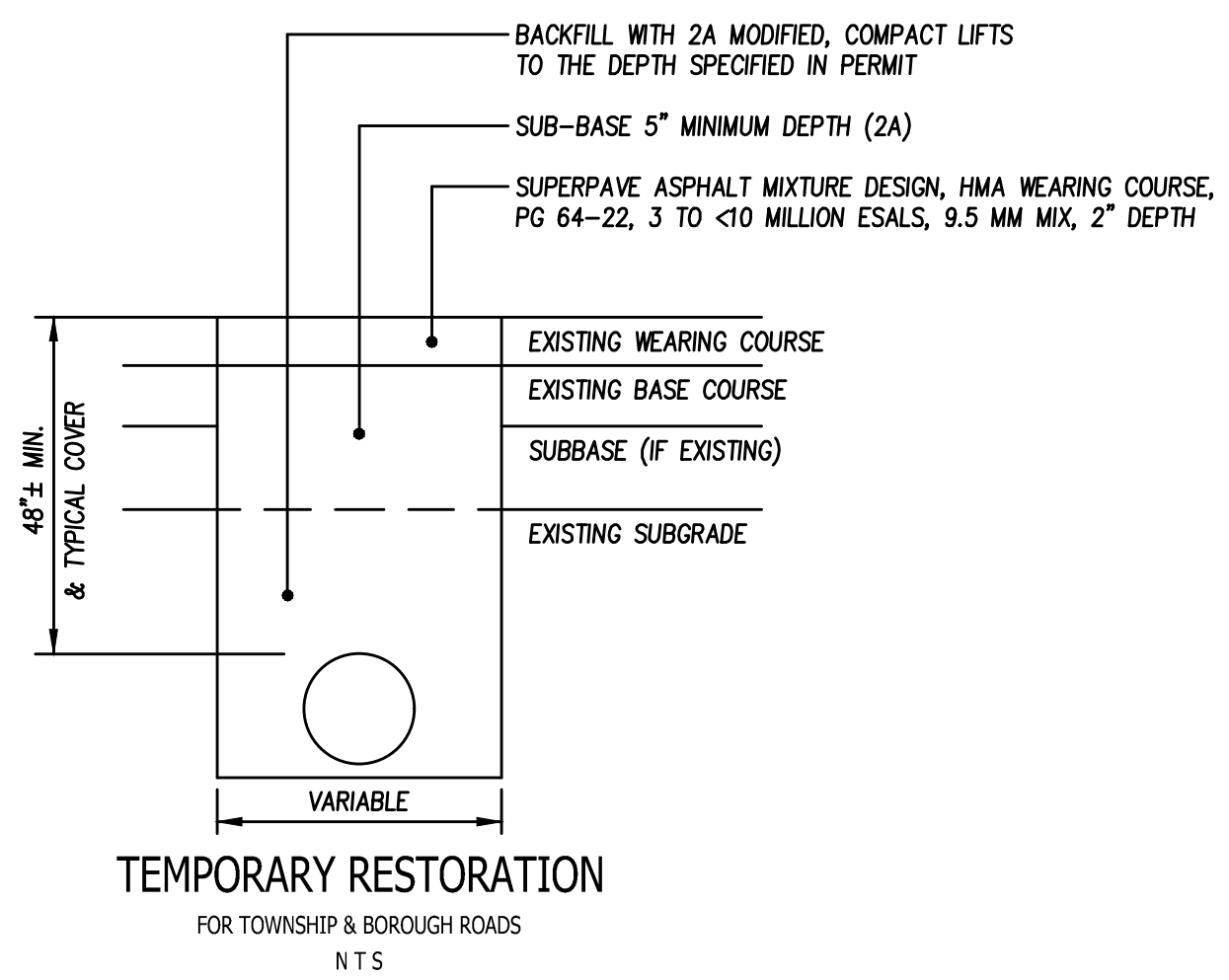
A-68931

SHEET 5 OF 8

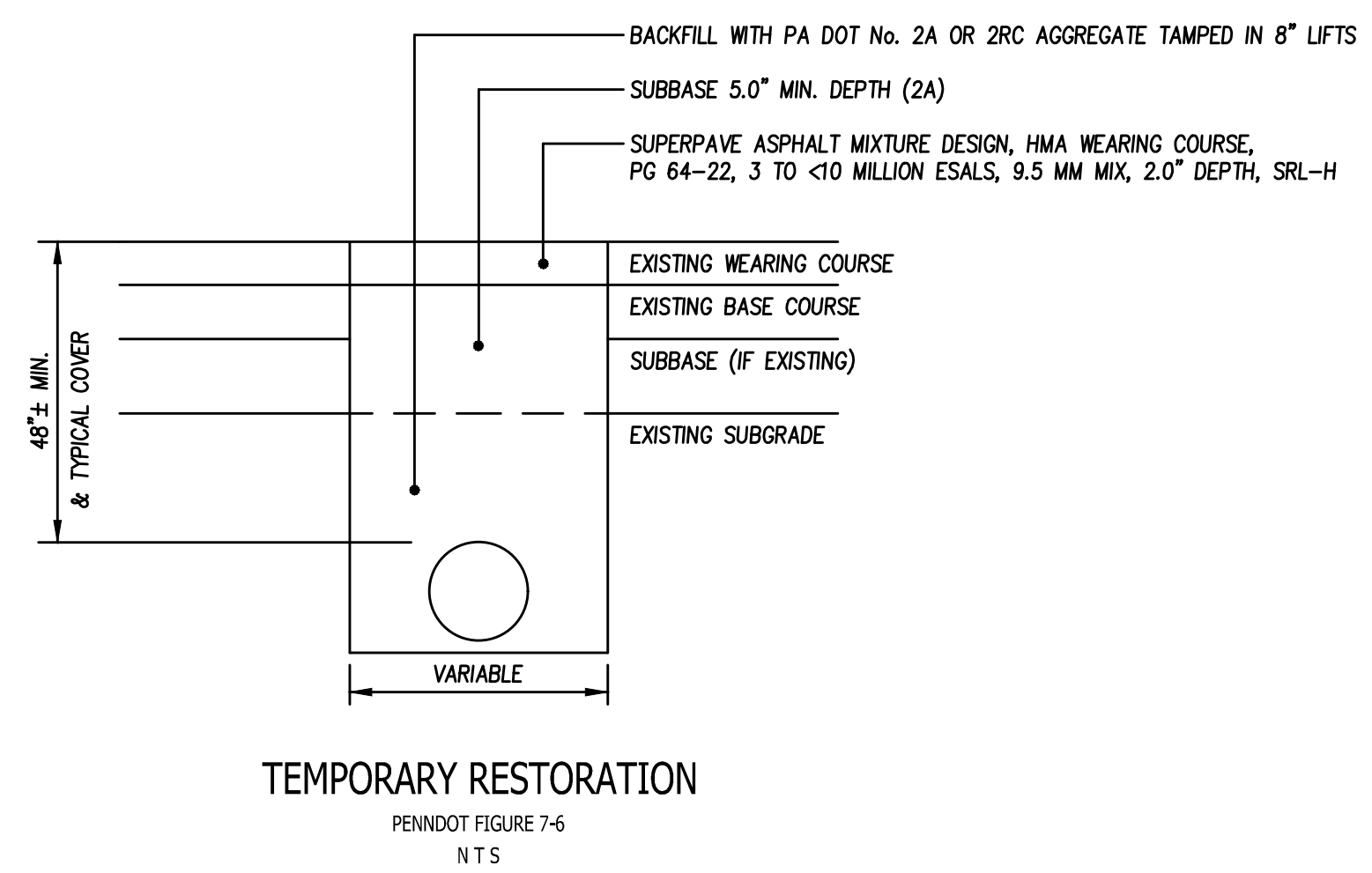
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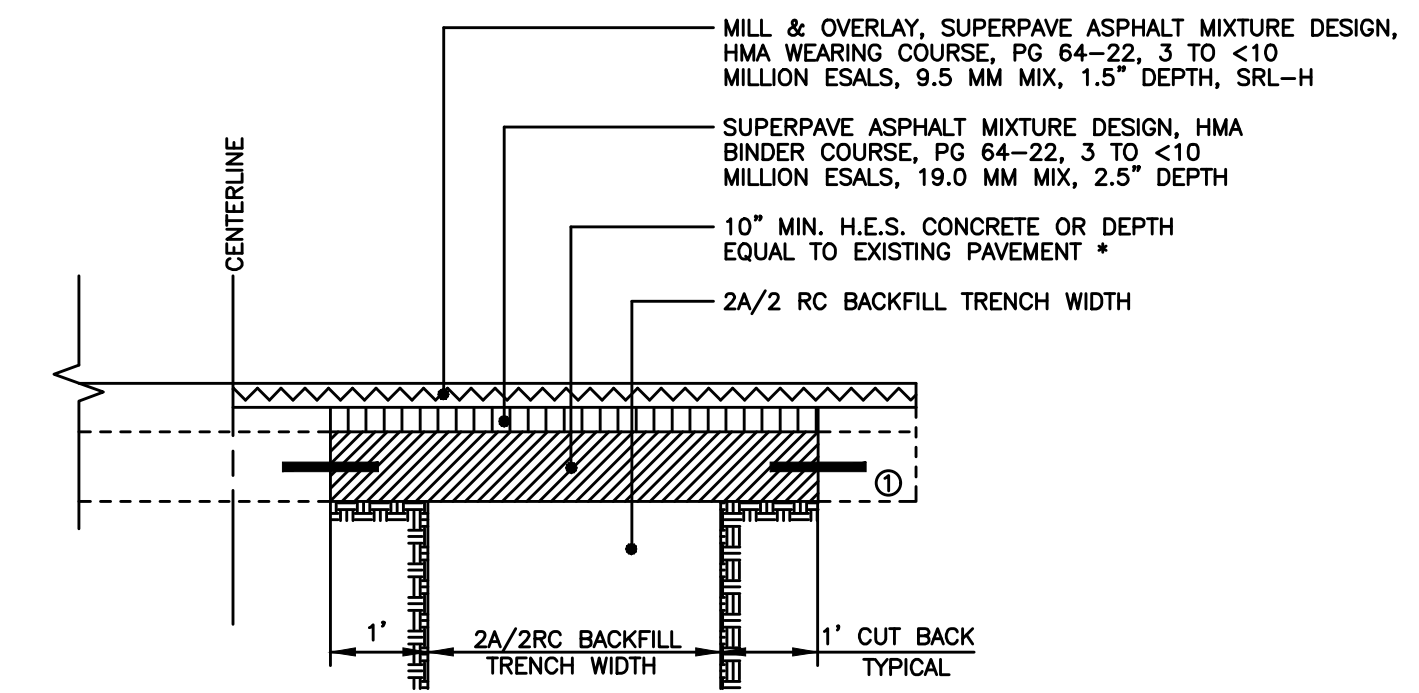




TEMPORARY RESTORATION
FOR TOWNSHIP & BOROUGH ROADS
N.T.S.

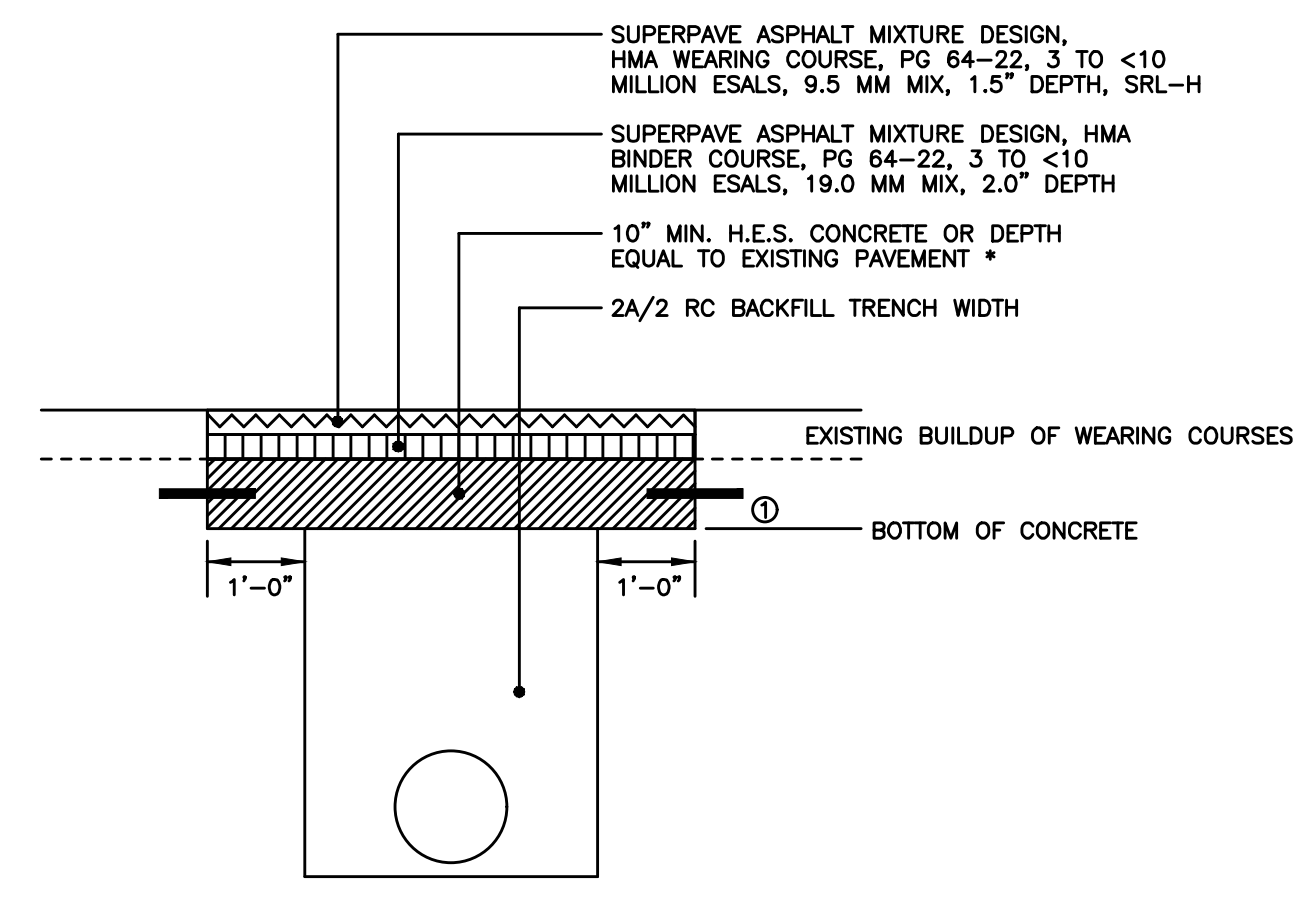


TEMPORARY RESTORATION
PENNDOT FIGURE 7-6
N.T.S.



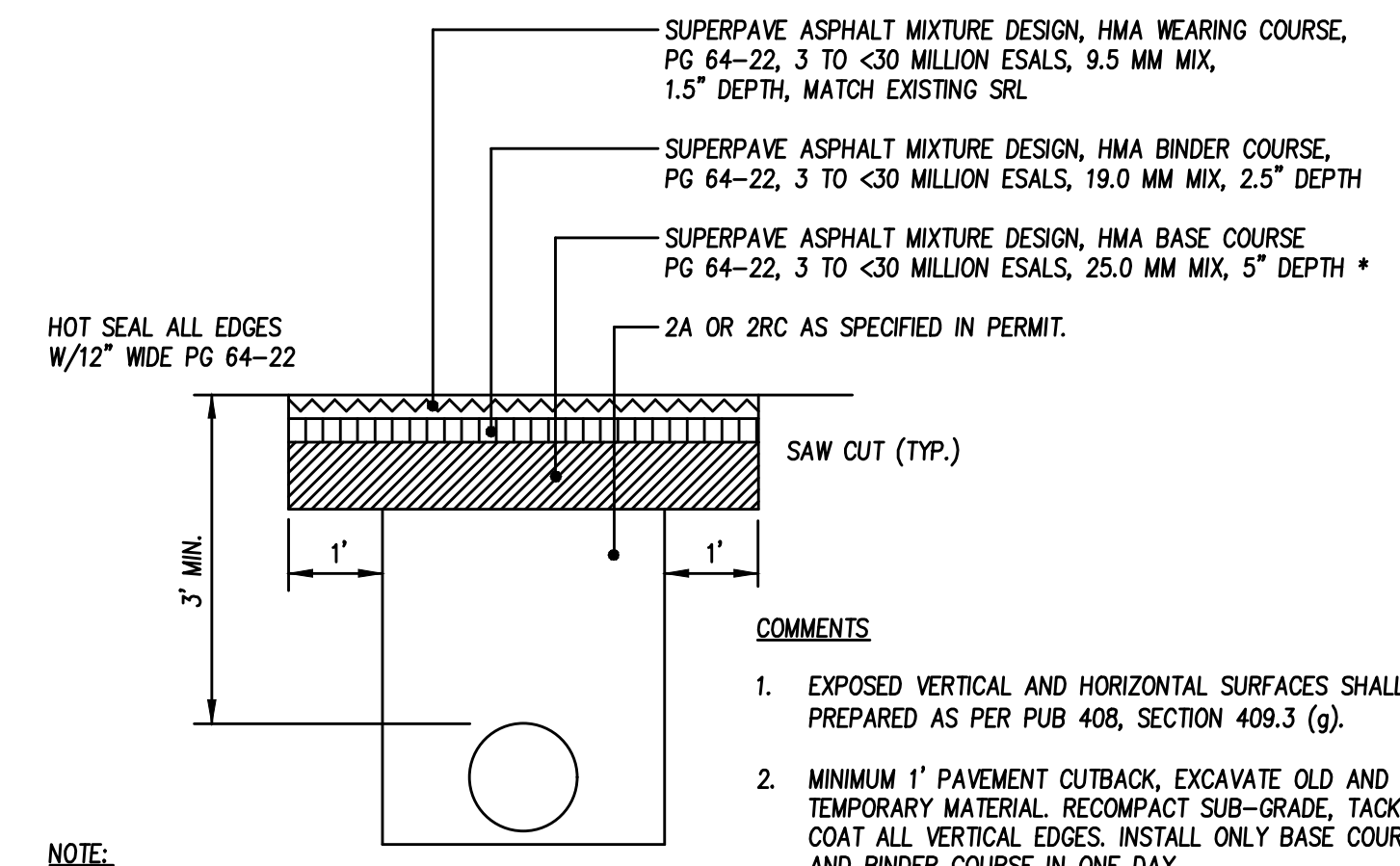
STATE ROAD PAVING RESTORATION DETAIL FOR
PARALLEL TRENCHING WITHIN TRAVEL LANE
N.T.S.

1. DOWEL TO BE PLACED AS PER PENNDOT SPECS
 2. REPLACE PAVEMENT MARKINGS
 3. ALL PAVEMENT MARKINGS ARE DURABLE (i.e. EPOXY RESIN, HOT THERMOPLASTIC)
- * MATCH EXISTING OR WHICHEVER IS GREATER



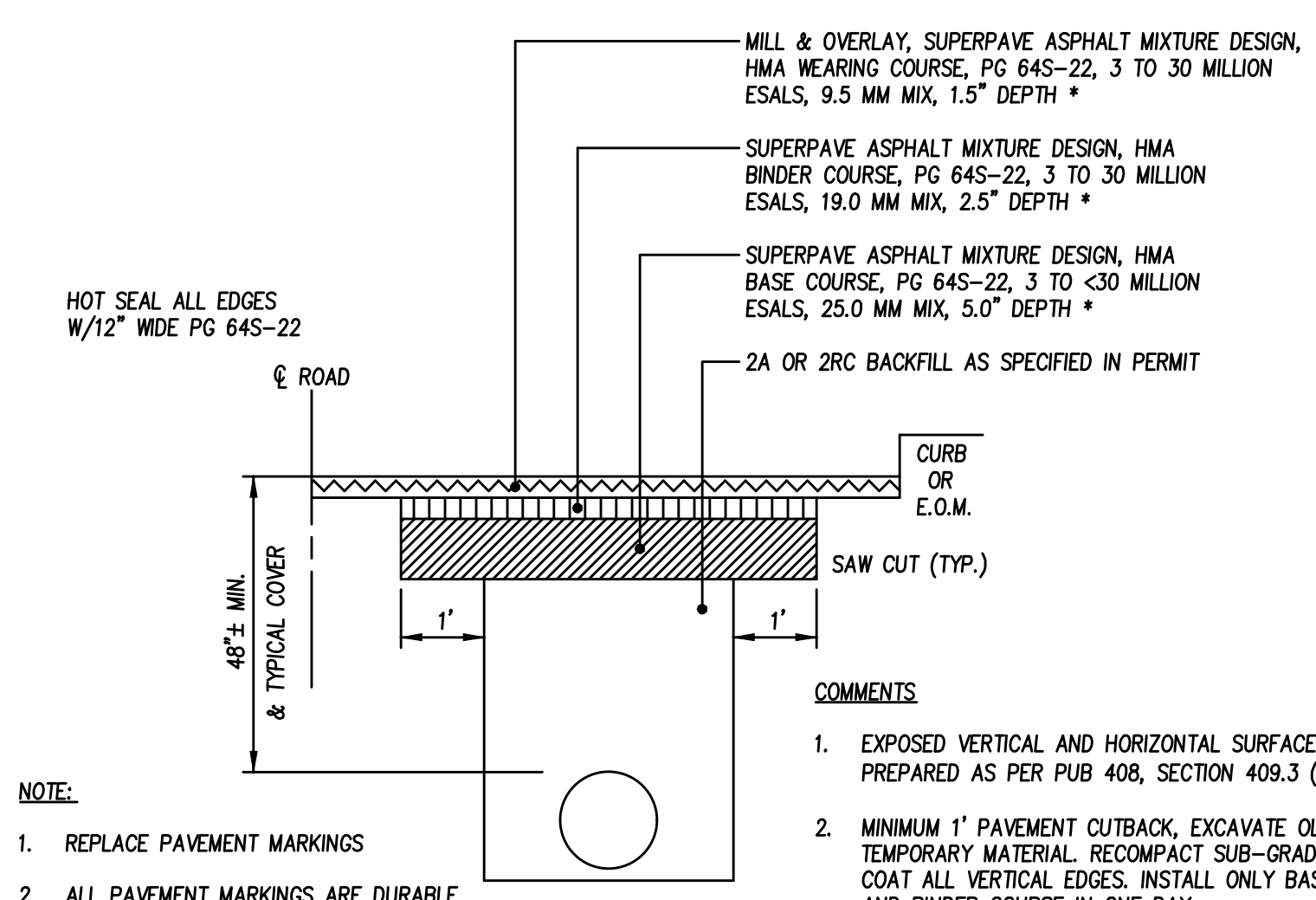
RIGID PAVEMENT RESTORATION
N.T.S.
T\"/>

1. DOWEL TO BE PLACED AS PER PENNDOT SPECS
 2. REPLACE PAVEMENT MARKINGS
 3. ALL PAVEMENT MARKINGS ARE DURABLE (i.e. EPOXY RESIN, HOT THERMOPLASTIC)
- * MATCH EXISTING OR WHICHEVER IS GREATER



FLEXIBLE PAVEMENT RESTORATION
PENNDOT FIGURE 7-3
N.T.S.

- NOTE:**
- * MATCH EXISTING DEPTHS IF GREATER.
- COMMENTS:**
1. EXPOSED VERTICAL AND HORIZONTAL SURFACES SHALL BE PREPARED AS PER PUB 408, SECTION 409.3 (g).
 2. MINIMUM 1\"/>



STATE ROAD PAVING RESTORATION DETAIL FOR
PARALLEL TRENCHING WITHIN TRAVEL LANE
N.T.S.

- NOTE:**
1. REPLACE PAVEMENT MARKINGS
 2. ALL PAVEMENT MARKINGS ARE DURABLE (i.e. EPOXY RESIN, HOT THERMOPLASTIC)
 3. PERMANENT RESTORATION TO BE MINIMUM 90 DAYS UNLESS FLOWABLE FILL IS USED.
- * MATCH EXISTING DEPTHS IF GREATER.

PENNDOT ROAD OPENING BOXES:

1. PENNDOT IS REQUIRING AQUA TO PROVIDE THE DEPICTION OF THE ROAD OPENINGS ON THE PLANS FOR THE HOP APPLICATIONS. THEY WOULD LIKE EACH OPENING TO BE DEPICTED ON THE PLAN ALONG WITH THE SEGMENT AND OFFSET.
2. THE SR # SEG #/OFF # SHOULD BE DEPICTED ABOVE OR BELOW THE FITTING CALL OUT OF THE BEGIN/END OF THE ROAD OPENING FOR THE PENNDOT REVIEWER.
3. THERE ARE 5 DIFFERENT BOXES FOR DIFFERENT TYPES OF OPENINGS, AS FOLLOWS:
 - A. 5'x5' OPENING = CUT&PLUG
 - B. 5'x8' OPENING = TAP OR INLINE TIE-IN
 - C. 5'x10' OPENING = DIRECTIONAL DRILL SEND / RECEIVE PIT
 - D. 10'x10' OPENING = (2) 45' BEND TIE-IN OR HORIZONTAL BORE RECEIVE PIT
 - E. 10'x30' OPENING = HORIZONTAL BORE SEND PIT
4. THE FOLLOWING ARE THE REQUIRED TRENCH SIZES FOR THE RESPECTIVE PIPE DIAMETERS: UP TO AND INCLUDING:

SERVICES - 2.50' TRENCH WIDTH	20\"/>
-------------------------------	--------

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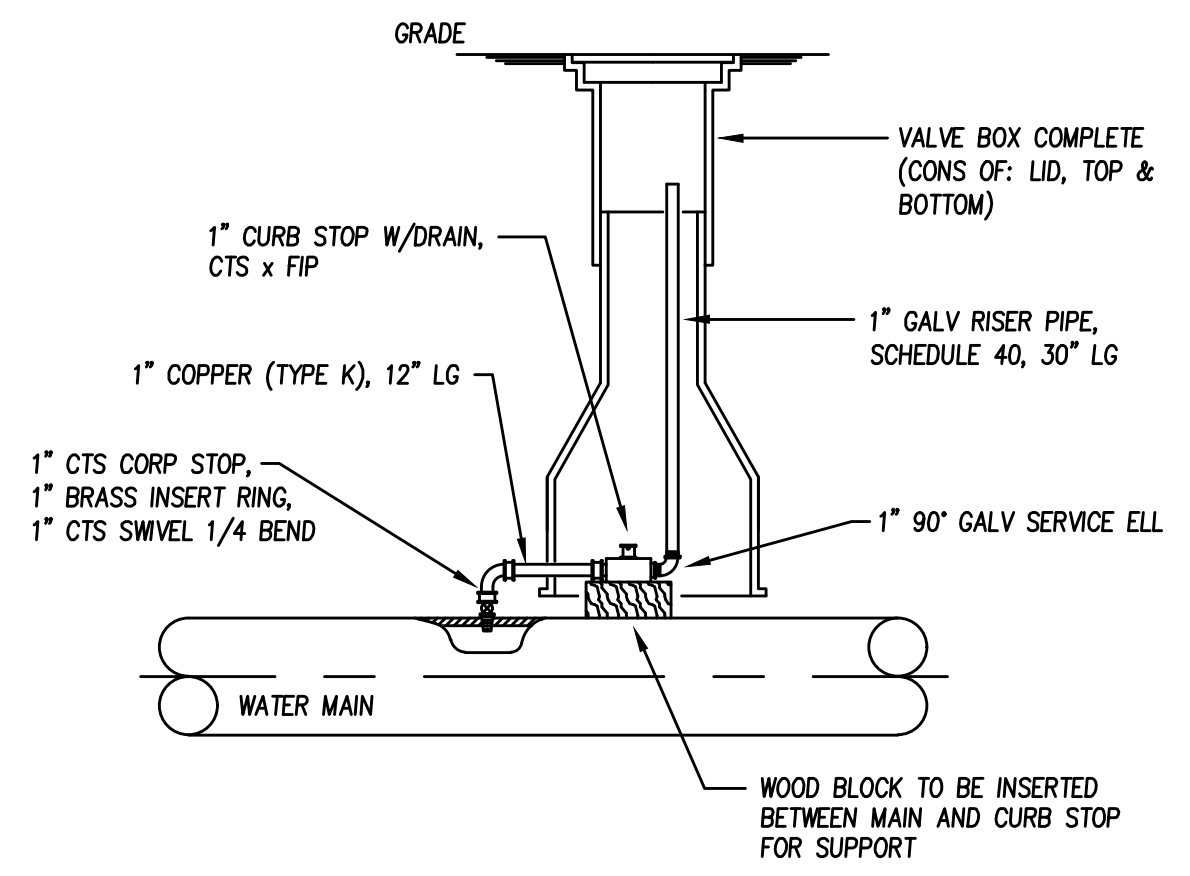


NO	DATE	REVISION	INTL

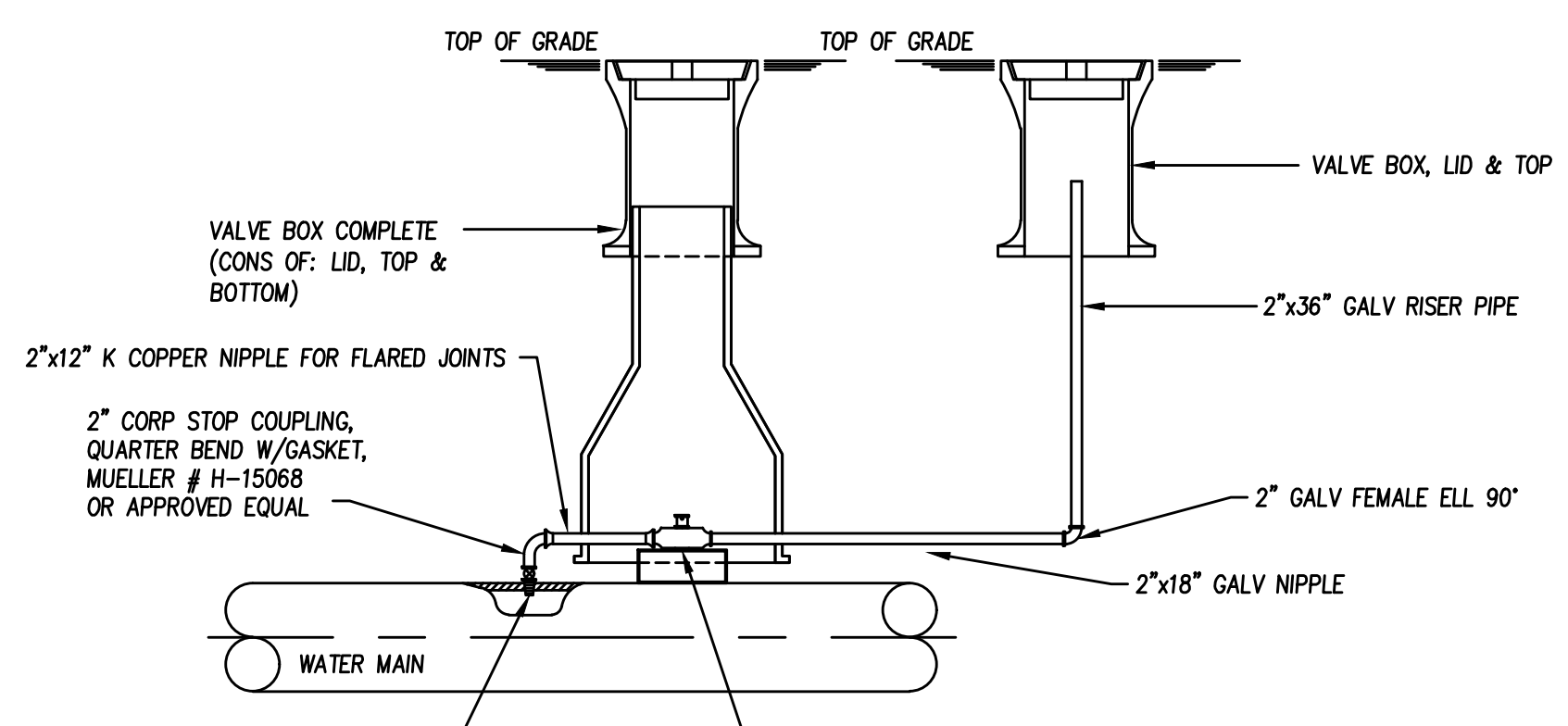
AQUA PENNSYLVANIA, INCORPORATED
762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

MAIN EXTENSION FOR:
BRANDYWINE WALLACE ELEM. SCHOOL
ROAD RESTORATION DETAILS
EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA

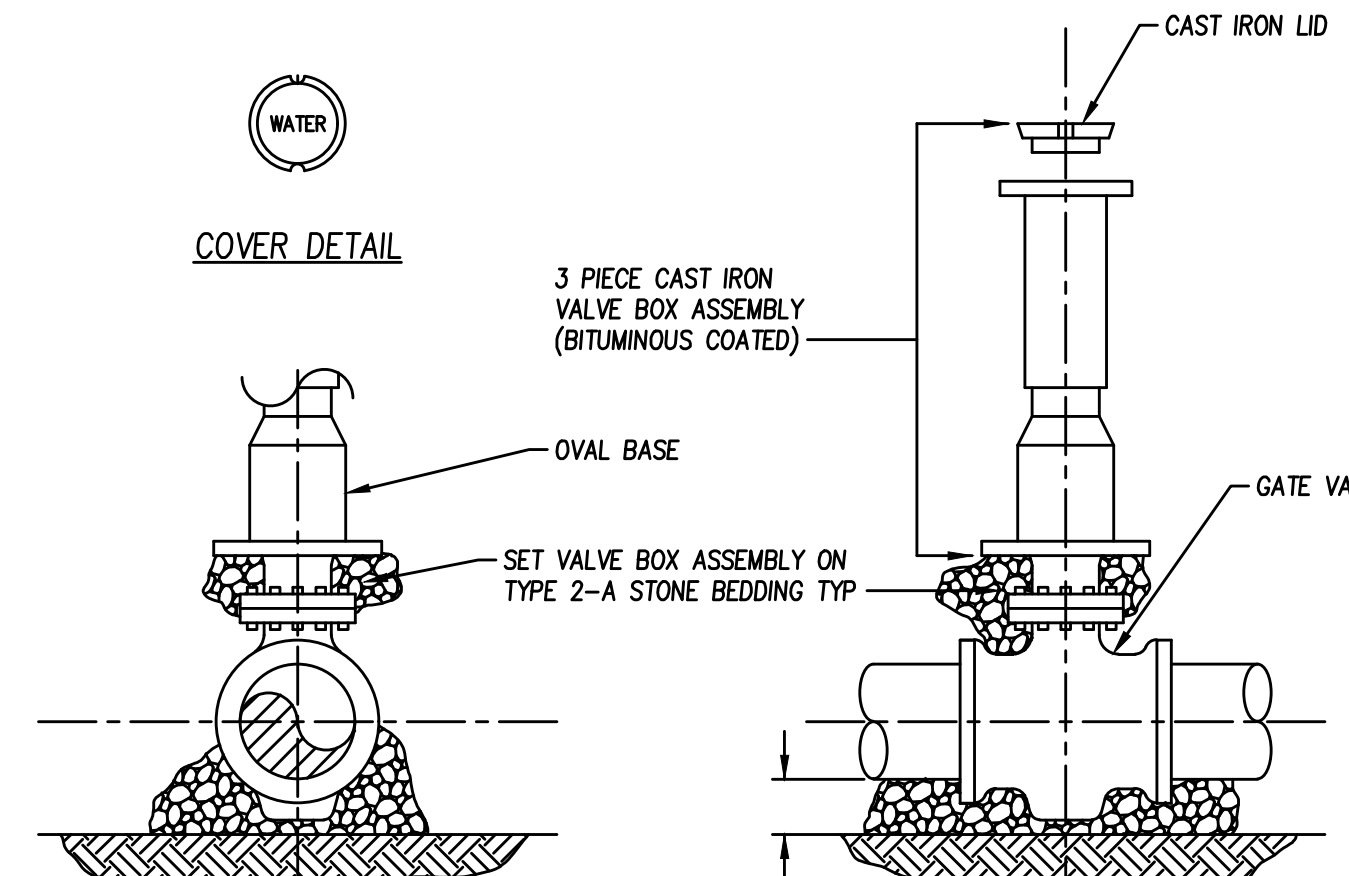
DRAWN BY: AJC	CHK'D BY: JWB	EXT No:
DATE: 6/3/2025	SCALE: N.T.S.	PLATE: NN-21
PROJECT No: 14.25	ACTIVITY No:	A-68931
		SHEET 6 OF 8



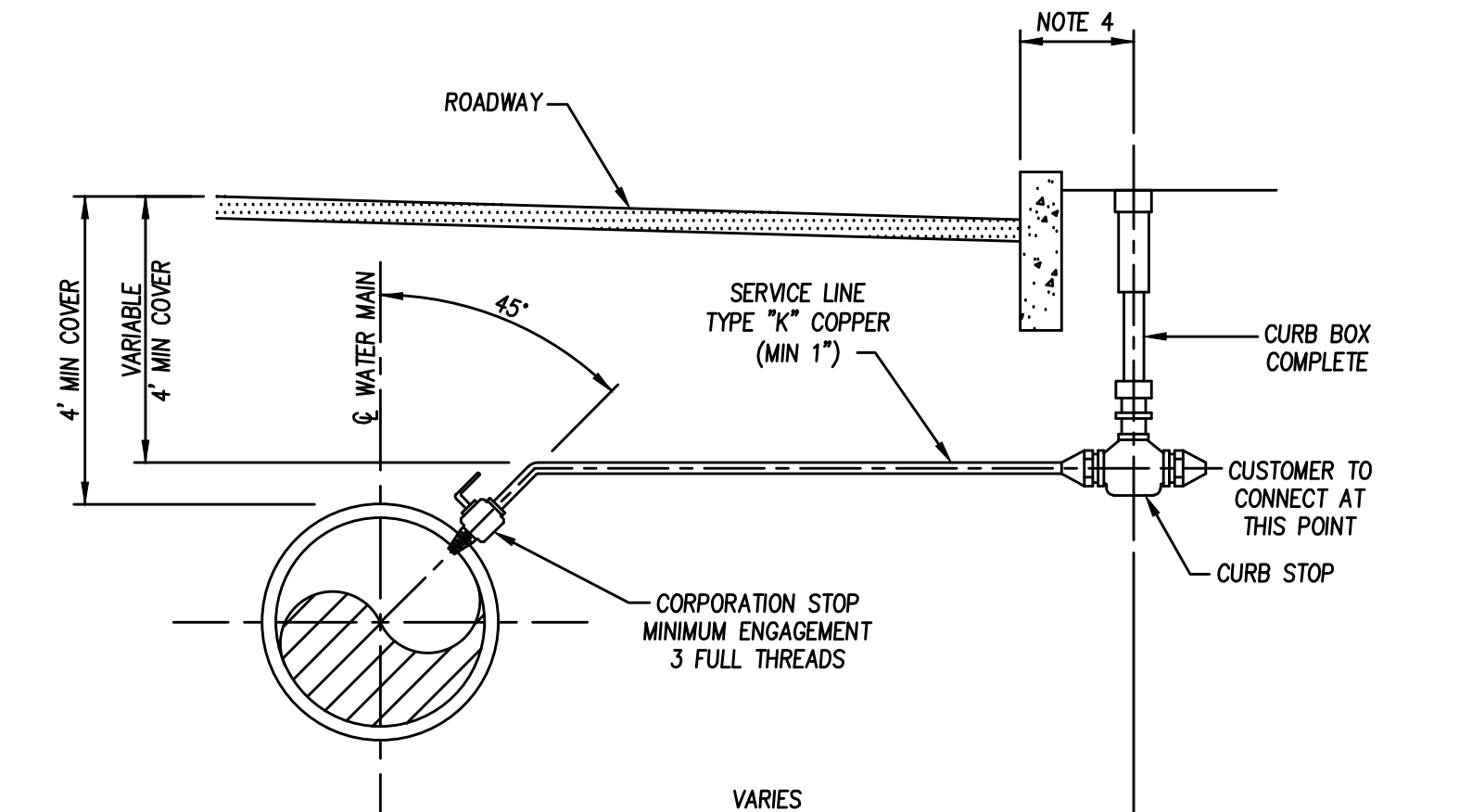
STANDARD 1" MAV & CL2 ASSEMBLY
NTS



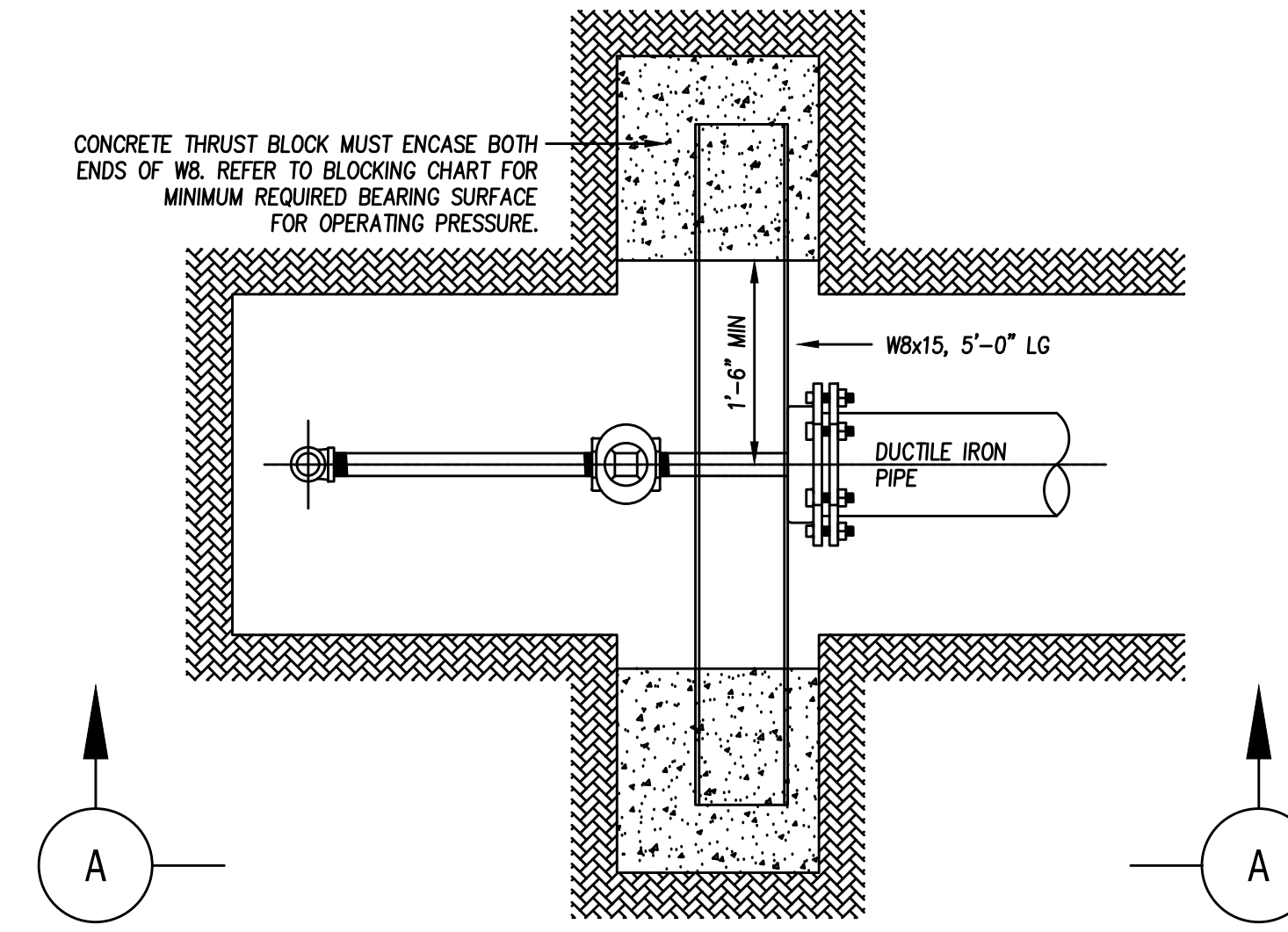
STANDARD 2" MAV & CL2 ASSEMBLY
NTS



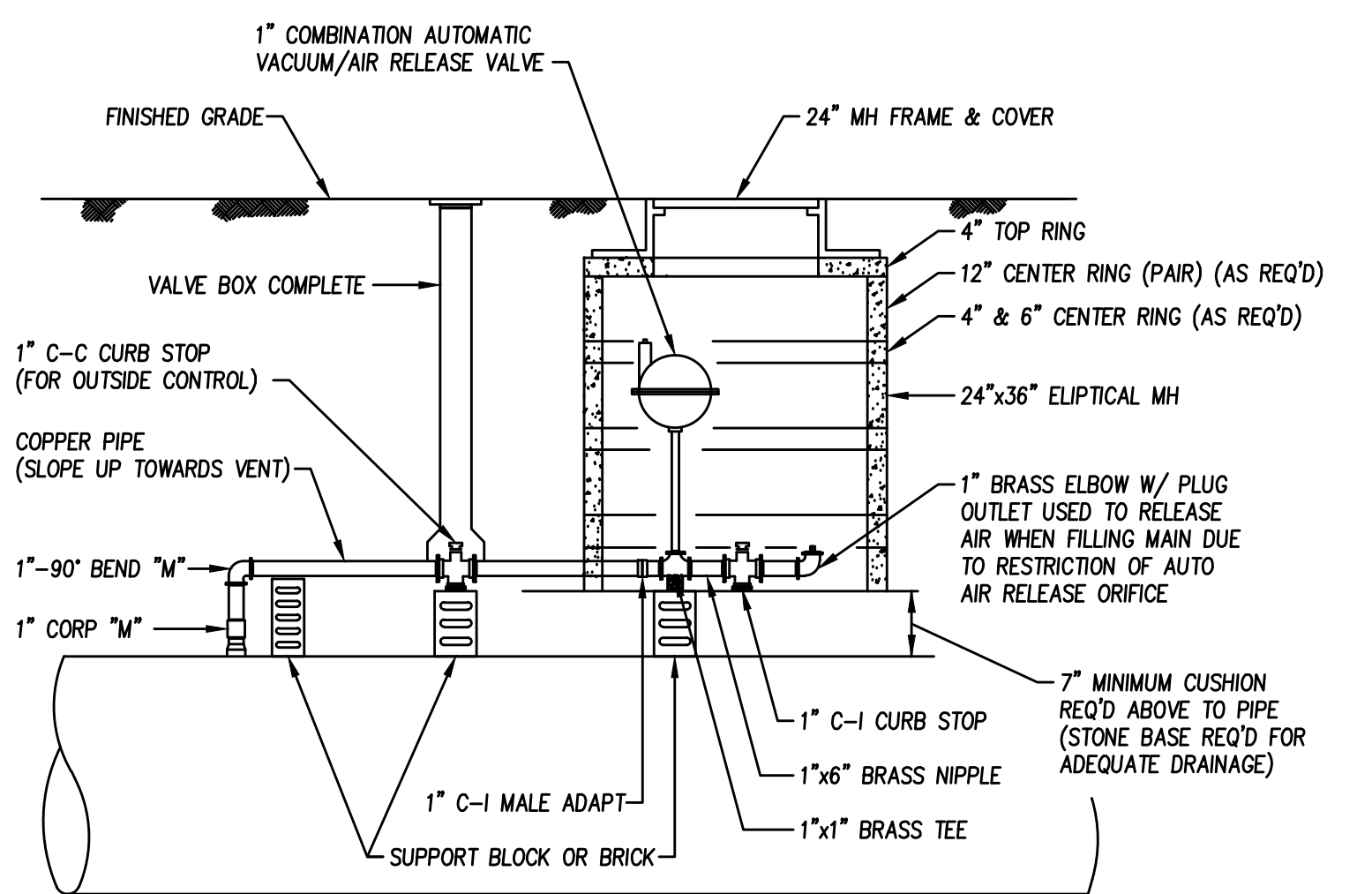
STANDARD GATE VALVE AND VALVE BOX ASSEMBLY DETAIL
NTS



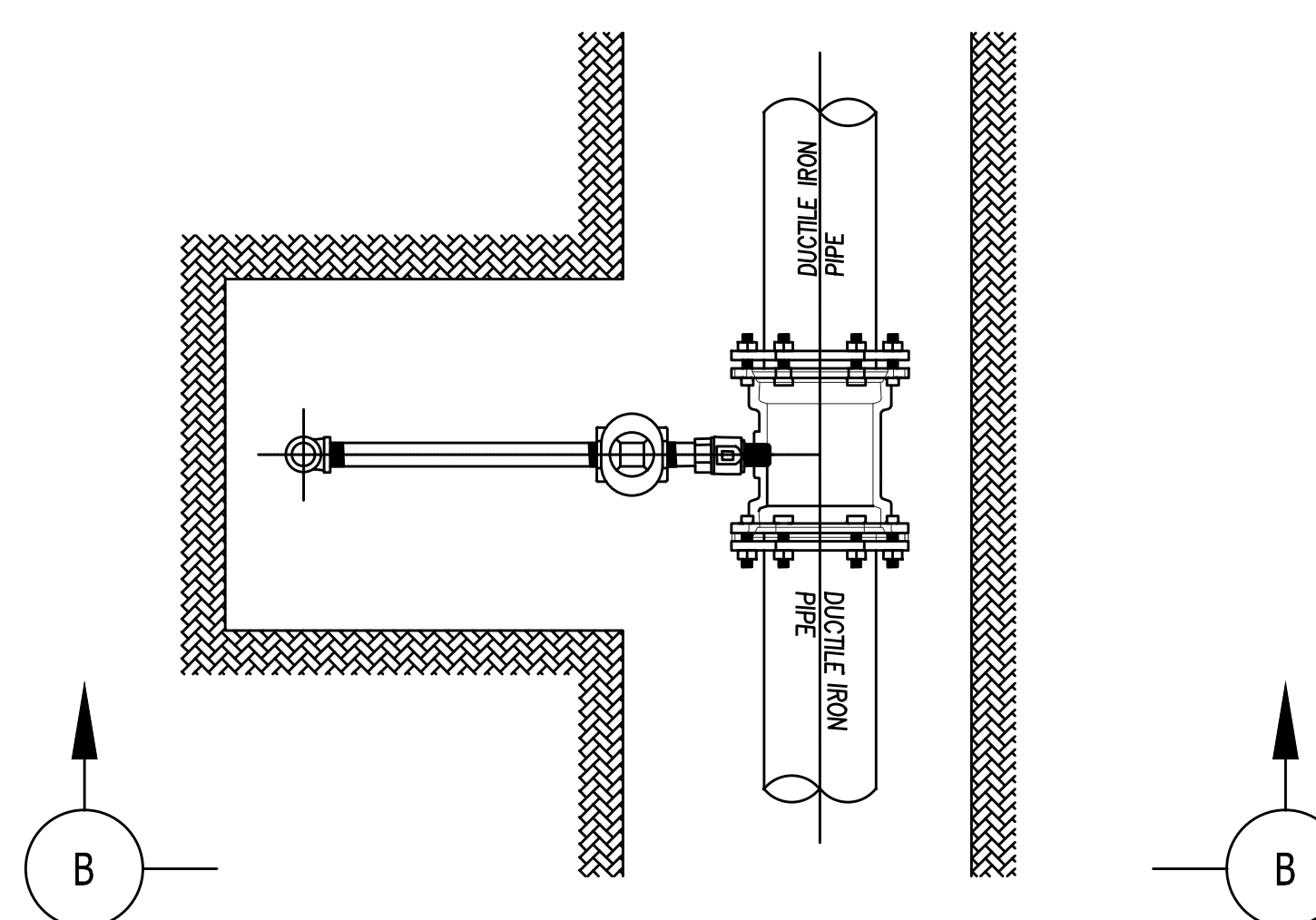
- NOTES:
1. FOR STANDARD 1" CONNECTION, PROVIDE A TAPPED COUPLING WITH THREADED INSERT OR DOUBLE-STRAPPED SADDLE CLAMP.
 2. DO NOT PLACE CURB STOP IN PAVED AREAS.
 3. ALL SERVICE CONNECTIONS SHALL BE LOCATED AT THE MIDPOINT BETWEEN SIDE LOT LINES OR AS DIRECTED BY A AQUA PA FIELD REPRESENTATIVE.
 4. WHERE SIDEWALK PARALLELS ROADWAY, THE CURB BOX SHALL BE PLACED BETWEEN THE CURB AND SIDEWALK; ALL OTHER LOCATIONS, CURB BOX TO BE PLACED AS DIRECTED BY A AQUA PA FIELD REPRESENTATIVE.



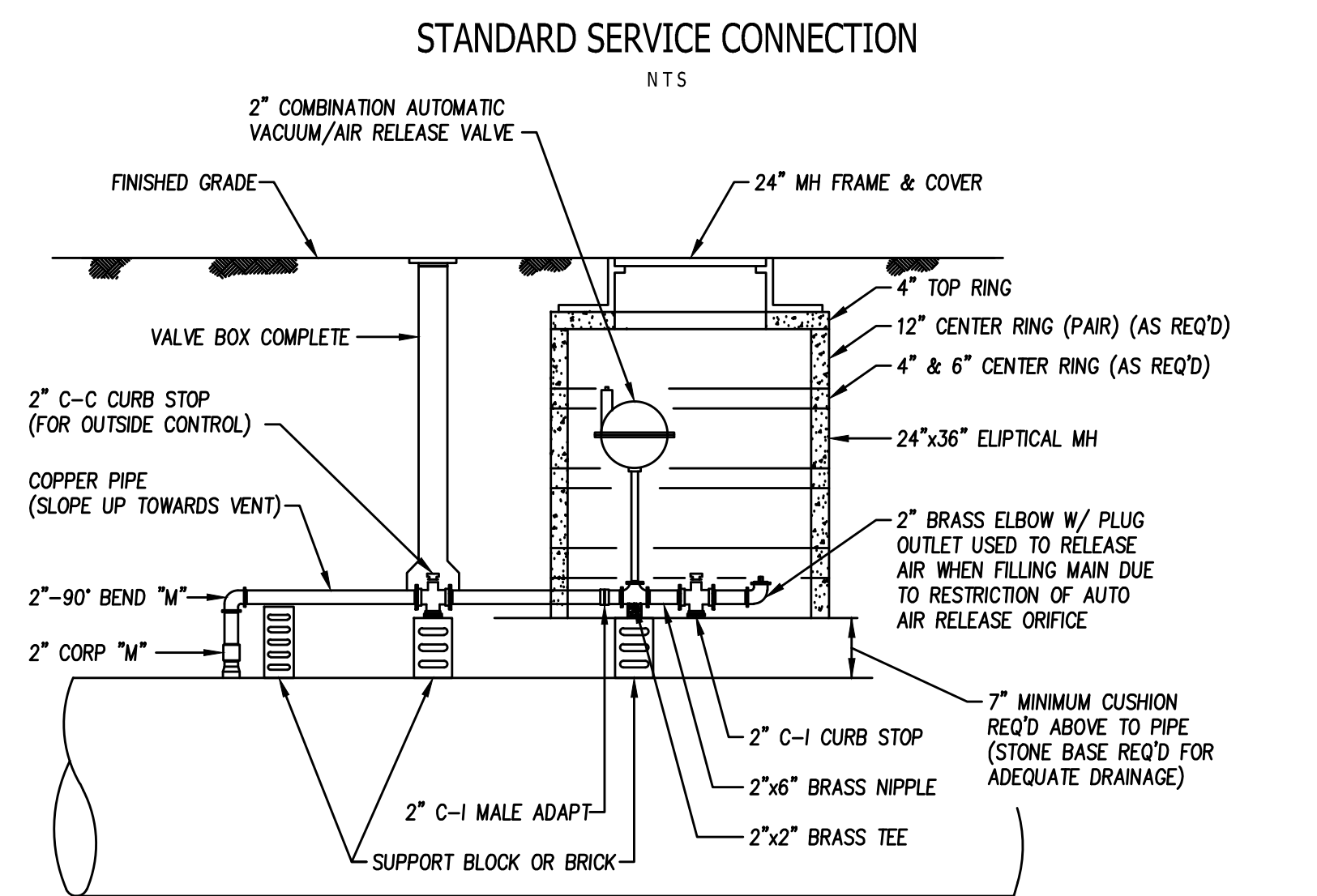
PLAN VIEW



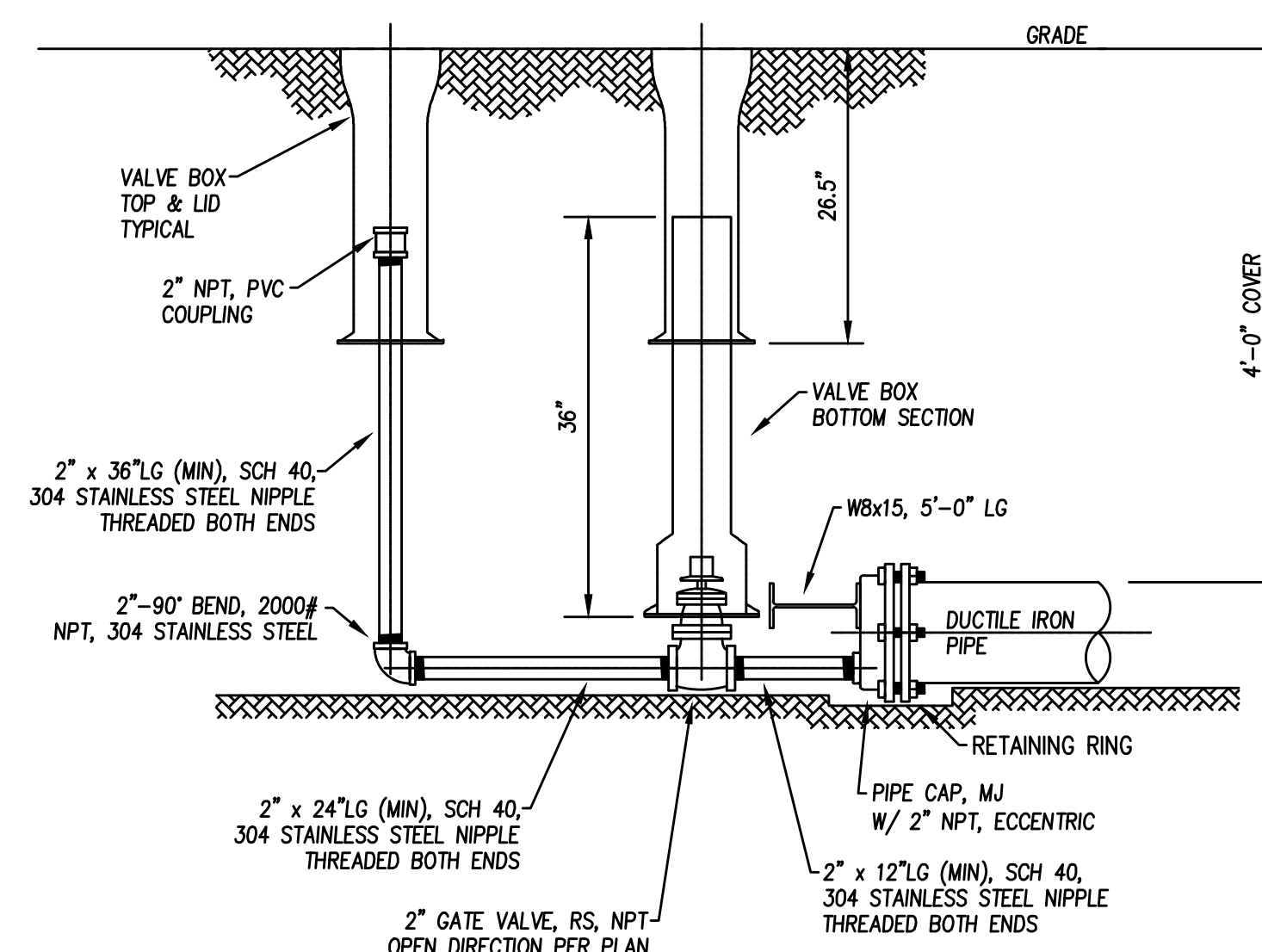
STANDARD 1" AUTOMATIC AIR VENT
NTS



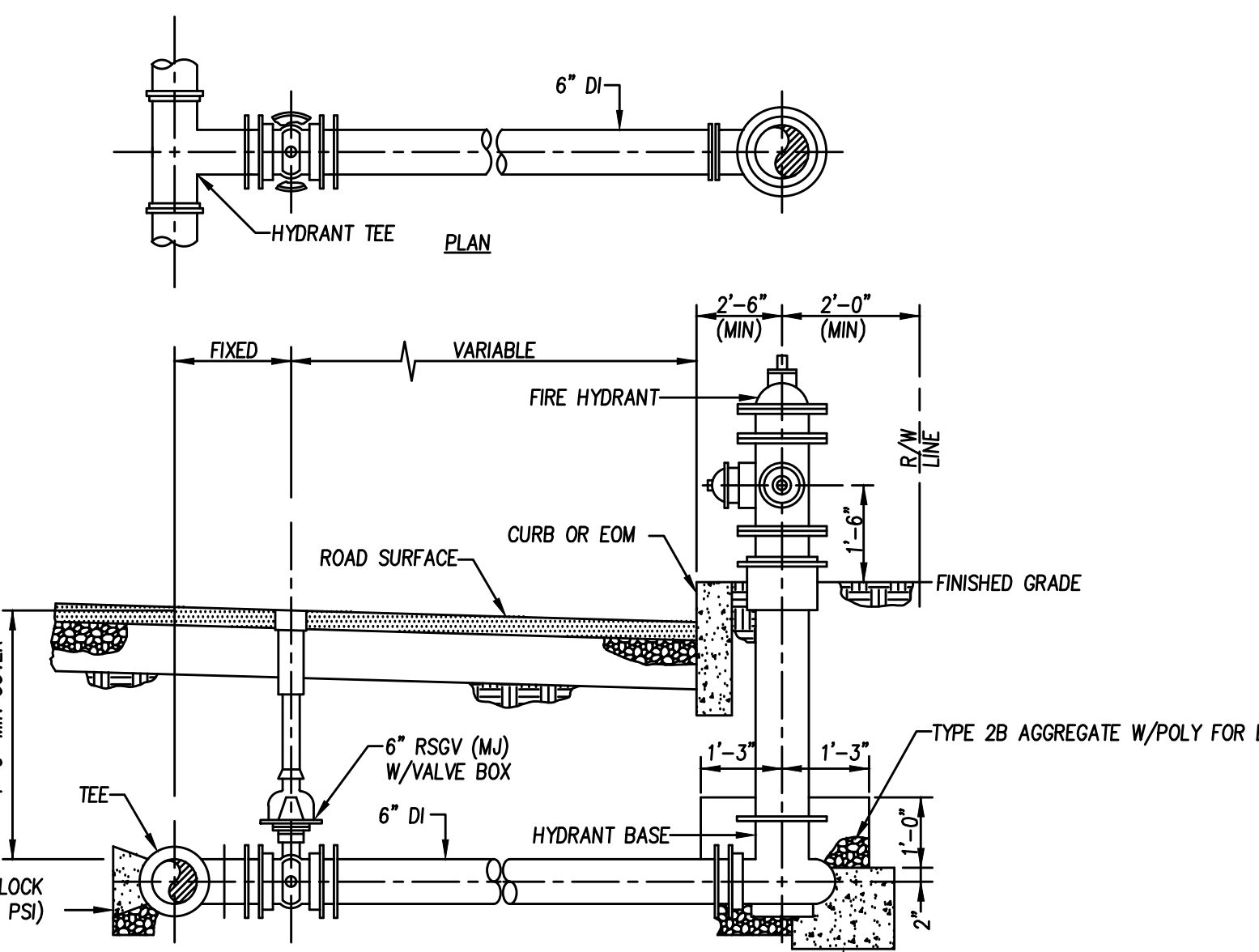
PLAN VIEW



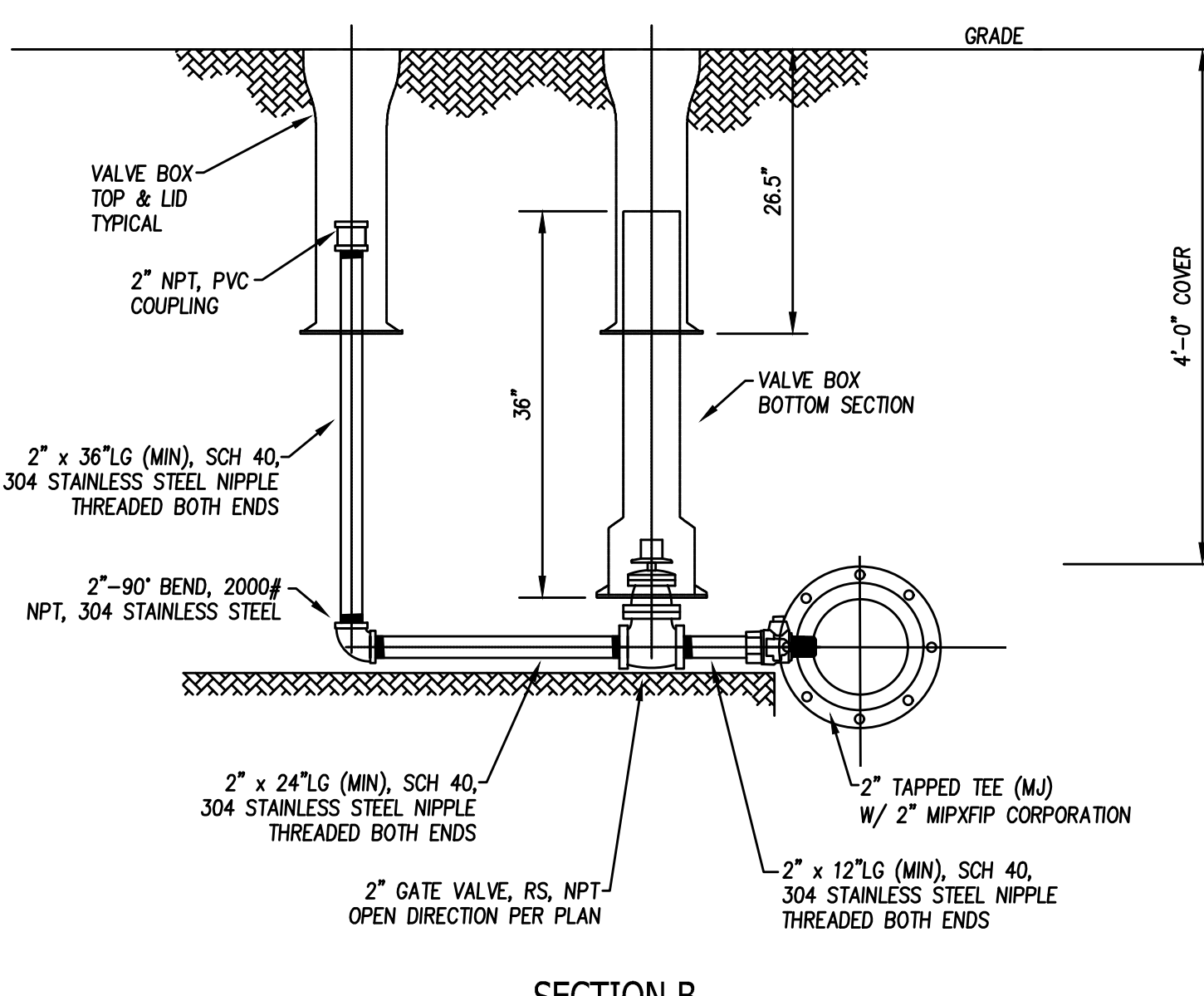
STANDARD 2" AUTOMATIC AIR VENT
NTS



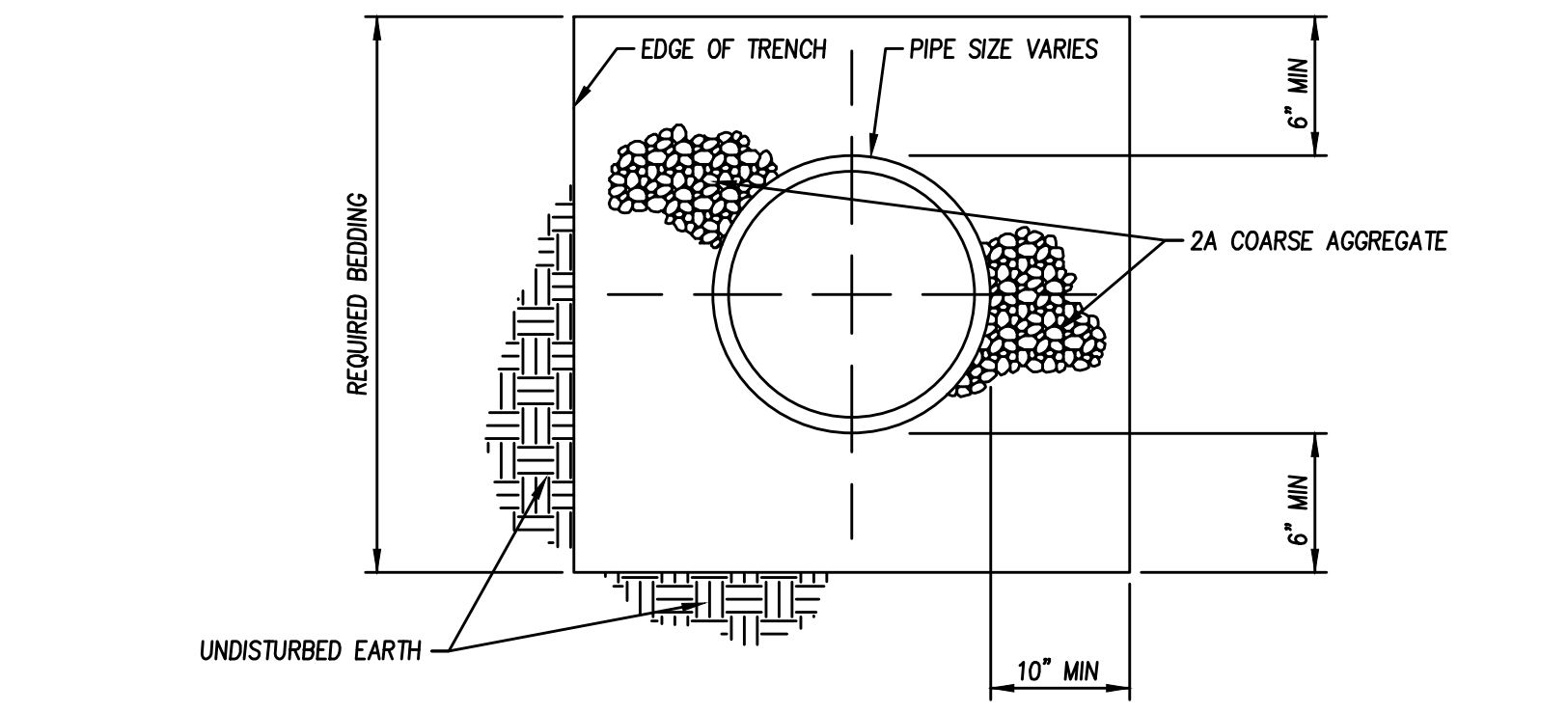
SECTION A



FIRE HYDRANT DETAIL
NTS



2" TAPPED TEE W/ 2" BLOW OFF
NTS



STANDARD PIPE BEDDING DETAIL
NTS

- NOTES:
1. WB MEMBER MUST MAKE FULL CONTACT WITH CAP OR PLUG, AND MUST BE SUPPORTED TO PROVIDE 1" MINIMUM VERTICAL CLEARANCE FROM STAINLESS STEEL PIPE.
 2. CONCRETE THRUST BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL. NO EXCAVATION IS PERMITTED DOWNSTREAM OF BLOCKING. CONSULT WITH THE ENGINEERING DEPT OF AQUA PA FOR MINIMUM PERMITTED DISTANCE.
 3. ALL MALE PIPE THREADS ARE TO BE COATED WITH 1/2" WIDE PTFE (TEFLON) THREAD SEAL TAPE, MIL SPEC 127730A, 4 TO 6 WRAPS PER JOINT.

STANDARD 2" BLOW OFF
NTS

- NOTES:
1. ALL MALE PIPE THREADS ARE TO BE COATED WITH 1/2" WIDE PTFE (TEFLON) THREAD SEAL TAPE, MIL SPEC 127730A, 4 TO 6 WRAPS PER JOINT.

NO	DATE	REVISION	INTL

AQUA PENNSYLVANIA, INCORPORATED 762 LANCASTER AVENUE, BRYN MAWR, PA., 19010			
MAIN EXTENSION FOR: BRANDYWINE WALLACE ELEM. SCHOOL MISCELLANEOUS DETAILS EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA			
DRAWN BY:	AJC	CHK'D BY:	JWB
DATE:	6/3/2025	SCALE:	N.T.S.
PROJECT No:	14.25	ACTIVITY No:	
EXT No:			
PLATE:			NN-21
			A-68931
			SHEET 7 OF 8

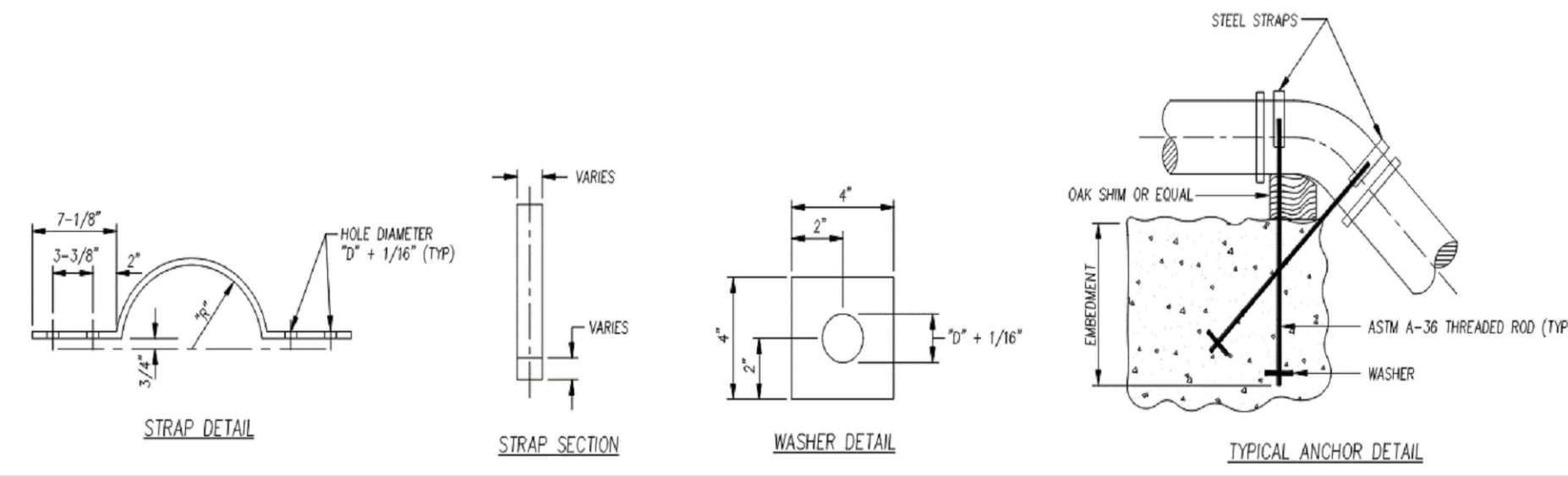
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MINIMUM CONCRETE VOLUMES AND STEEL STRAP SIZES REQUIRED FOR BLOCKING 6", 8", 12" AND 16" VERTICAL BENDS

DETAILS (NTS)



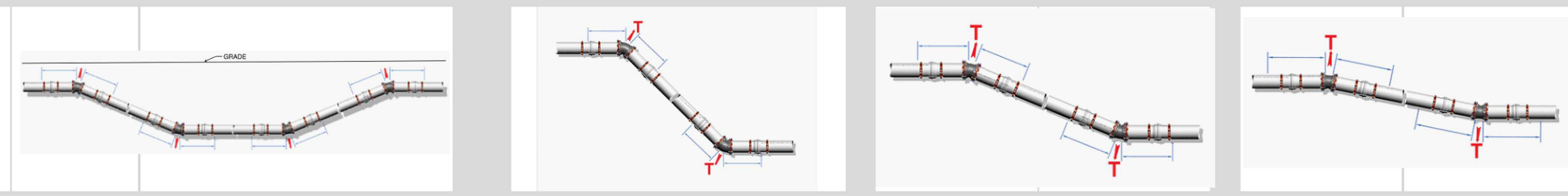
KEY	PIPE DIAMETER (INCH)	PRESSURE (PSI)	BEND ANGLE (DEGREE)	CONCRETE REQUIRED (CU YD)	STEEL STRAP SIZE	"R" STRAP RADIUS	ANCHOR BOLT DIAMETER "D" AND NUMBER REQUIRED PER STRAP	EMBEDMENT LENGTH
A	6	0-100	ALL	1.0	1/4" x 2 1/2"	3 5/8"	(2) 3/4"	24"
A-1	6	101-200	ALL	2.5	1/4" x 2 1/2"	3 5/8"	* (2) 1"	36"
B	8	0-100	ALL	2.0	3/8" x 3"	4 3/4"	* (2) 1"	36"
B-1	8	101-200	45	3.0	3/8" x 3"	4 3/4"	* (2) 1"	36"
B-2	8	101-200	90	4.0	3/8" x 3"	4 3/4"	(4) 1"	36"
C	12	0-100	ALL	4.5	1/2" x 3"	6 3/4"	(4) 1"	36"
C-1	12	101-200	45	6.0	(2) 1/2" x 3"	6 3/4"	(4) 1"	36"
C-2	12	101-200	90	8.5	(2) 1/2" x 3"	6 3/4"	(4) 1"	36"
D	16	0-100	ALL	10.0	5/8" x 4"	8 3/4"	(4) 1 1/4"	48"
D-1	16	101-200	45	11.0	(2) 5/8" x 4"	8 3/4"	(4) 1 1/4"	48"
D-2	16	101-200	90	15.0	(2) 5/8" x 4"	8 3/4"	(4) 1 1/4"	48"

- NOTES:
- ALL STEEL SHALL CONFORM TO ASTM A-36
 - (2) STRAPS ARE REQUIRED, EACH WITH (4)-1" DIAMETER ANCHOR BOLTS FOR CASES C-1 AND C-2
 - REFER TO AQUA DRAWING E-4453 FOR USE AS PIPE AND VALVE CLAMP
 - CONTACT ENGINEERING DEPARTMENT FOR DESIGN ON PRESSURE EXCEEDING 200 PSI OR IF PIPE SIZE IS LARGER THAN 12"
 - COAT ALL EXPOSED METAL WITH 12 MILS OF ROSKOTE.
 - BOLT LENGTH WILL EQUAL "EMBEDMENT LENGTH" + SHIM + 1/2" OD OF PIPE + 3-1/2".

VERTICAL BLOCKING TABLE

MINIMUM RESTRAINT LENGTH FOR VERTICAL FITTINGS

PROFILE VIEW (NTS)



3.5' MIN COVER / COMPACTED	1.5:1 SAFETY FACTOR / EBBA		VERTICAL 45 BEND		VERTICAL 22 1/2 BEND		VERTICAL 11 1/4 BEND	
	DIA. (INCH)	MATERIAL	100 PSI/LF RESTRAINT	200 PSI/LF RESTRAINT	100 PSI/LF RESTRAINT	200 PSI/LF RESTRAINT	100 PSI/LF RESTRAINT	200 PSI/LF RESTRAINT
2A Modify (GW)	6"	DIP	7'	14'	4'	7'	2'	4'
	6"	Poly Wrapped DIP	20'	40'	10'	19'	5'	10'
	6"	PVC	11'	22'	6'	11'	3'	6'
2A Modify (GW)	8"	DIP	9'	18'	5'	9'	3'	5'
	8"	Poly Wrapped DIP	26'	52'	13'	25'	7'	13'
	8"	PVC	14'	28'	7'	14'	4'	7'
2A Modify (GW)	12"	DIP	13'	25'	6'	12'	3'	6'
	12"	Poly Wrapped DIP	37'	73'	18'	35'	9'	18'
	12"	PVC	20'	40'	10'	20'	5'	10'
2A Modify (GW)	16"	DIP	17'	33'	8'	16'	4'	8'
	16"	Poly Wrapped DIP	47'	94'	23'	45'	12'	23'
	16"	PVC	26'	52'	13'	25'	7'	13'

- NOTES:
- IMAGES ARE DI FITTINGS WITH PVC PIPE FOR CLARITY OF THE FITTING. IMAGES INCLUDE MECHANICAL RESTRAINT SYSTEM. PREFERRED METHOD IS THE USE OF (SURE/STOP FIELD LOK) RESTRAINING GASKET AT PUSH ON JOINTS AND APPROPRIATE MEGALUG RESTRAINTS AT MECHANICAL JOINTS (MJ).
 - RESTRAINED JOINT METHOD IS INTENDED TO BE USED ON NEW PIPE ONLY (NOT RETROFITTED TO EXISTING PIPE TO REMAIN). WHERE RESTRAINT AT CONNECTIONS TO EXISTING PIPE IS REQUIRED, USE VERTICAL STRAPPING METHOD.
 - FOR PRESSURES OVER 200 PSI AND DEPTHS OF COVER LESS THAN 3.5 FT. PLEASE CONTACT ENGINEERING DEPARTMENT FOR REQUIRED RESTRAINED LENGTH IF NOT OTHERWISE SPECIFIED.

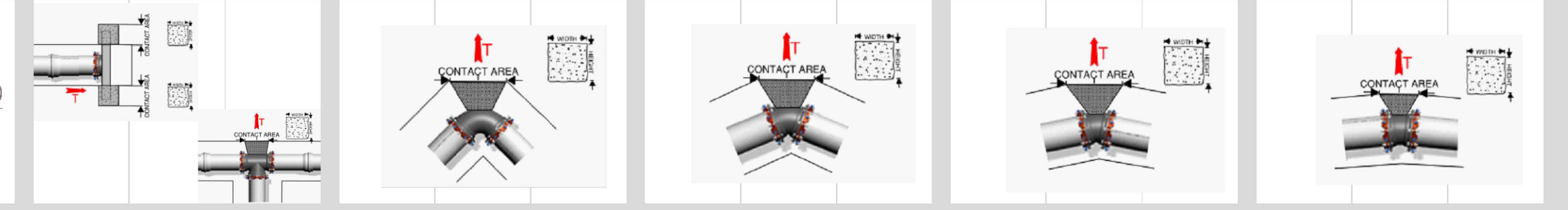
VERTICAL RESTRAINED JOINT TABLE

MINIMUM THRUST BLOCK AREAS REQUIRED (SQUARE FEET (SF) OF CONTACT SURFACE AREA ALONG TRENCH WALL)

$$b_{tee} = \frac{s_f PA}{s_b}$$

$$b_{bend} = \frac{s_f 2PA \sin(\theta/2)}{s_b}$$

$$A = \frac{\pi}{4} D^2$$



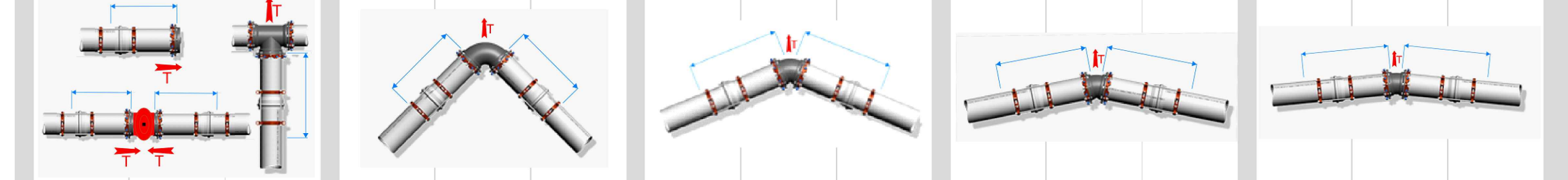
4' COVER	1.5:1 SAFETY FACTOR	DIA. (INCH)	MATERIAL	DEAD-END / C4P / BO / HYD/TEE			HORIZ 90 BEND			HORIZ 45 BEND			HORIZ 22 1/2 BEND			HORIZ 11 1/4 BEND		
				100	150	200	100	150	200	100	150	200	100	150	200	100	150	200
2A Modify/Sand (GW)	6	DIP/PVC/POLYWRAP	2	3	4	3	4	6	2	2	3	1	1	2	1	1	1	
2A Modify/Sand (GW)	8	DIP/PVC/POLYWRAP	4	6	8	5	8	11	3	4	6	1	2	3	1	1	1	
2A Modify/Sand (GW)	12	DIP/PVC/POLYWRAP	8	13	17	12	18	24	6	10	13	3	5	7	2	2	3	
2A Modify/Sand (GW)	16	DIP/PVC/POLYWRAP	15	23	30	21	32	43	12	17	23	6	9	12	3	4	6	
2A Modify/Sand (GW)	20	DIP/PVC/POLYWRAP	24	35	47	33	50	67	18	27	36	9	14	18	5	7	9	
2A Modify/Sand (GW)	24	DIP/PVC/POLYWRAP	34	51	68	48	72	96	26	39	52	13	20	26	7	10	13	
2A Modify/Sand (GW)	30	DIP/PVC/POLYWRAP	53	80	106	75	112	150	41	61	81	21	31	41	10	16	21	

- NOTES:
- IMAGES ARE DI FITTINGS WITH PVC PIPE FOR CLARITY OF THE FITTING.
 - CONTACT ENGINEERING DEPARTMENT FOR PRESSURES ABOVE 200 PSI

HORIZONTAL BLOCKING TABLE

MINIMUM RESTRAINT LENGTH FOR HORIZONTAL FITTINGS

HORIZONTAL PLAN VIEW (NTS)



4' COVER / COMPACTED	1.5:1 SAFETY FACTOR / EBBA	DIA. (INCH)	MATERIAL	INLINE VALVE/BLOW OFF/TEE BRANCH			HORIZ 90 BEND			HORIZ 45 BEND			HORIZ 22 1/2 BEND			HORIZ 11 1/4 BEND		
				100 PSI/LF RESTRAIN T	150 PSI/LF RESTRAIN T	200 PSI/LF RESTRAIN T	100 PSI/LF RESTRAIN T	150 PSI/LF RESTRAIN T	200 PSI/LF RESTRAIN T	100 PSI/LF RESTRAIN T	150 PSI/LF RESTRAIN T	200 PSI/LF RESTRAIN T	100 PSI/LF RESTRAIN T	150 PSI/LF RESTRAIN T	200 PSI/LF RESTRAIN T	100 PSI/LF RESTRAIN T	150 PSI/LF RESTRAIN T	200 PSI/LF RESTRAIN T
2A Modify (GW)	6"	DIP	15'	22'	29'	7'	10'	13'	3'	4'	6'	2'	2'	3'	1'	1'	2'	
	6"	Poly Wrapped DIP	42'	63'	84'	9'	13'	17'	4'	6'	8'	2'	3'	4'	1'	2'	2'	
	6"	PVC	23'	34'	46'	8'	11'	15'	3'	5'	6'	2'	3'	3'	1'	2'	2'	
2A Modify (GW)	8"	DIP	19'	29'	38'	8'	12'	16'	4'	5'	7'	2'	3'	4'	1'	2'	2'	
	8"	Poly Wrapped DIP	55'	82'	110'	12'	17'	23'	5'	7'	10'	3'	4'	5'	2'	2'	3'	
	8"	PVC	30'	45'	60'	10'	15'	19'	4'	6'	8'	2'	3'	4'	1'	2'	2'	
2A Modify (GW)	12"	DIP	27'	40'	54'	12'	17'	23'	5'	7'	10'	3'	4'	5'	2'	2'	3'	
	12"	Poly Wrapped DIP	78'	117'	156'	16'	24'	31'	7'	10'	13'	4'	5'	7'	2'	3'	4'	
	12"	PVC	43'	64'	85'	14'	20'	27'	6'	9'	12'	3'	4'	6'	2'	2'	3'	
2A Modify (GW)	16"	DIP	35'	52'	69'	15'	22'	29'	6'	9'	12'	3'	5'	6'	2'	3'	3'	
	16"	Poly Wrapped DIP	101'	151'	201'	20'	30'	40'	9'	13'	17'	4'	6'	8'	2'	3'	4'	
	16"	PVC	55'	83'	110'	17'	26'	34'	8'	11'	15'	4'	6'	7'	2'	3'	4'	
2A Modify (GW)	20"	DIP	42'	63'	84'	18'	26'	35'	8'	11'	15'	4'	6'	7'	2'	3'	4'	
	20"	Poly Wrapped DIP	122'	183'	244'	24'	36'	48'	10'	15'	20'	5'	8'	10'	3'	4'	5'	
	20"	PVC	67'	101'	134'	21'	31'	41'	9'	13'	17'	5'	7'	9'	3'	4'	5'	
2A Modify (GW)	24"	DIP	50'	74'	99'	21'	31'	41'	9'	13'	17'	4'	6'	8'	2'	3'	4'	
	24"	Poly Wrapped DIP	144'	215'	287'	28'	42'	55'	12'	18'	23'	6'	9'	11'	3'	5'	6'	
	24"	PVC	79'	118'	157'	24'	36'	48'	10'	15'	20'	5'	8'	10'	3'	4'	5'	
2A Modify (GW)	30"	DIP	60'	89'	119'	24'	36'	48'	10'	15'	20'	5'	8'	10'	3'	4'	5'	
	30"	Poly Wrapped DIP	173'	260'	346'	33'	49'	65'	14'	21'	27'	7'	10'	13'	4'	5'	7'	
	30"	PVC	95'	142'	189'	29'	43'	57'	12'	18'	24'	6'	9'	12'	3'	5'	6'	

- NOTES:
- IMAGES ARE DI FITTINGS WITH PVC PIPE FOR CLARITY OF THE FITTING. IMAGES INCLUDE MECHANICAL RESTRAINT SYSTEM. PREFERRED METHOD IS THE USE OF (SURE/STOP FIELD LOK) RESTRAINING GASKET AT PUSH ON JOINTS AND APPROPRIATE MEGALUG RESTRAINTS AT MECHANICAL JOINTS (MJ).
 - RESTRAINED JOINT METHOD IS INTENDED TO BE USED ON NEW PIPE ONLY (NOT RETROFITTED TO EXISTING PIPE TO REMAIN). WHERE RESTRAINT AT CONNECTIONS TO EXISTING PIPE IS REQUIRED, USE BLOCKING METHOD.
 - FOR PRESSURES OVER 200 PSI AND DEPTHS OF COVER LESS THAN 4 FT. PLEASE CONTACT ENGINEERING DEPARTMENT FOR REQUIRED RESTRAINED LENGTH IF NOT OTHERWISE SPECIFIED.

HORIZONTAL RESTRAINED JOINT TABLE

NO	DATE	REVISION	INTL
AQUA PENNSYLVANIA, INCORPORATED 762 LANCASTER AVENUE, BRYN MAWR, PA., 19010			
MAIN EXTENSION FOR: BRANDYWINE WALLACE ELEM. SCHOOL BLOCKING & RESTRAINING TABLES EAST BRANDYWINE TOWNSHIP, CHESTER COUNTY, PA			
DRAWN BY:	AJC	CHK'D BY:	JWB
DATE:	6/3/2025	SCALE:	N.T.S.
PROJECT No:	14.25	ACTIVITY No:	
EXT No:			PLATE: NN-21
SHEET 8 OF 8			A-68931

HOWELL ENGINEERING
Local Knowhow. Engineered.
Civil Engineering | Land Planning | Environmental
1250 Wrights Lane, West Chester, PA 19380
Phone: (610) 918-9002 Fax: (610) 918-9003



Attachment H

*Aqua's Standard Contribution in Aid of Construction
Agreement*

CONTRIBUTION IN AID OF CONSTRUCTION AGREEMENT

THIS AGREEMENT made this ____ day of _____, 20__, between **Aqua Pennsylvania, Inc.**, a corporation organized under the laws of the Commonwealth of Pennsylvania, with its principal office at 762 Lancaster Avenue, Bryn Mawr, Pennsylvania, 19010 hereinafter called "**Company**") and _____ of _____ (hereinafter called "**Payor**").

WHEREAS, Payor has requested Company to perform the following work _____ (hereinafter called "Work"), in _____ Township, _____ County, Pennsylvania, as designated on plan _____, and

WHEREAS, Payor has agreed to pay the Contribution Payment as set forth in this agreement before the Company will perform said Work under the terms of this Agreement, and

THEREFORE, the parties hereto, in consideration of the mutual covenants and agreements hereinafter mentioned, and intending to be legally bound, agree with each other as follows:

1. **Definitions** - The following terms used herein shall have the meanings indicated below, unless the context clearly indicates otherwise:

a) **Estimated Cost of Work** – an amount representing the estimated cost of the Materials, Installation, Restoration, Contingencies and Overhead to complete said work under the terms of this Agreement. The estimated cost of the Work is \$ _____,

b) **Company Contribution** – a sum representing a non-refundable Contribution in Aid of Construction by Company towards the cost of the above-mentioned Work. This amount is calculated based on the anticipated annual revenue the Company will receive by the following formula:

- X = [AR - OM] divided by [I + D] ; and,
- AR = the utility’s annual revenue
- OM = the utility’s operating and maintenance costs (\$332.17 per 2024 rate case)
- I = the utility’s current debt ratio multiplied by the utility’s weighted long-term debt cost rate (2.0%)
- D = the utility’s current depreciation accrual rate (1.8%)

The total contribution offered by the Company is \$ _____ .00,

c) **Contribution Payment** - a sum representing a non- refundable Contribution in Aid of Construction by Payor towards the cost of the above-mentioned Work. This

amount represents the difference between the estimated cost of the Work and the Company Contribution,

2. **Payments** - Payor covenants and agrees to pay the following sums of money to Company at the time specified below:

UPON RETURN OF THIS EXECUTED AGREEMENT TO WATER COMPANY:

Contribution Payment..... \$ _____

Payor's failure to execute this Agreement and return it to Company, accompanied by the required contribution Payment on or before **December 31, 20__**, shall render this Agreement null and void. In addition, if the Work is/are not installed within one (1) year of the execution of this Agreement, Company may rescind this Agreement, revise the payment amounts and prepare a new Agreement.

3. **Installation** - Following receipt of the Contribution Payment, the Company shall furnish and install said Work as designated on the aforesaid plan. All Work is and shall remain exclusively the property of the Company, its successors and assigns forever.

4. **Notices** - Notices, demands and requests required or permitted to be given under this Agreement (collectively "Notices") must be in writing and must be delivered personally or by nationally recognized courier or sent by United States certified mail, return receipt requested, postage prepaid. Notices must be addressed to the party at its address set forth below. A notice is effective when actually received or rejected. The initial addresses of the parties may be changed by appropriate notice:

To Payor:

Attn.: _____

To AQUA:

AQUA Pennsylvania Inc.

762 W. Lancaster Avenue

Bryn Mawr, PA 19010

Attn.: New Business Manager

5. **Miscellaneous** - This Agreement merges all prior negotiations between the parties hereto and this Agreement is complete in itself and is not in any way modified, varied or restricted by or subject to any previous representations, agreements, undertakings, or acts of the parties, or agents, or attorneys, on behalf of them or any of them. This Agreement shall inure to the benefit of and shall bind the parties' respective heirs, successors, and assigns. This Agreement, and the Work installed hereunder, shall be subject to all applicable tariff rules and regulations of Company.

6. **Work Disruptions** - Company makes no representations or promises as to the completion date of the Work, except to proceed in its normal fashion consistent with its workload and scheduling practices. Payor agrees to release, defend and hold harmless Company from any and all claims for damages due to delays arising out of causes beyond the reasonable control of

Company, its contractors and subcontractors, including but not limited to, adverse weather conditions, acts of government, inability to obtain materials, strikes and other labor difficulties, including jurisdictional strikes. Payor further understands and agrees that in the event of a labor dispute or strike, jurisdictional or otherwise, which poses a threat to or would impede the Work, Company and its contractors will discontinue the Work and may remove personnel, equipment, and property until receipt of assurance satisfactory to Company that such threat or adverse circumstance has been removed.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement the day and year first written above.

AQUA PENNSYLVANIA, INC.

Attest: _____
New Business Manager

By: _____
Michael J. Fili, Vice-President of
Capital Planning, Design, and Construction

Payor

Witness

By: _____

Federal S.S. No. _____

Attachment I

2024 Aqua Financial Statements

INCOME STATEMENT

Financial Statement Version for AQUA

0L

10

USD

2024.01 -2024.12

Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		OPERATING INCOME	
		REVENUE	
		Operating Revenue	
5500	4114010	4114010 WTR-Unmetered-Residential	-20,824.72
5500	4114055	4114055 Other Sales-Public Auth-Affil-5200-Aqua OH	-353,897.91
****	4114110	4114110 WTR-Metered Sales-Residential	-375,560,008.36
****	4114115	4114115 WTR-CAP Discount-Residential	2,679,526.78
****	4114120	4114120 WTR-Metered Sales-Commercial	-135,806,679.67
****	4114130	4114130 WTR-Metered Sales-Industrial	-22,724,843.45
****	4114140	4114140 WTR-Metered Sales-Public Authority	-10,404,859.96
5500	4114160	4114160 WTR-Metered Sales-Bulk Water	-164,112.77
****	4114210	4114210 WTR-Metered Fire Protection	-15,630,169.06
****	4114220	4114220 WTR-Public Fire Protection	-7,280,318.93
****	4114230	4114230 WTR-Private Fire Protection	-2,759,745.46
5500	4115090	4115090 WTR-Sales for Resale-Metered	-3,292,154.60
****	4115100	4115100 WTR-Misc Srv Rev	-545,379.50
****	4115105	4115105 WTR-Misc Srv Rev-Reconnect Fee	-328,598.11
****	4115115	4115115 WTR-Misc Srv Rev-Late Pmt Fees	-782,248.58
****	4115120	4115120 WTR-Misc Srv Rev-Bad Check Fee	-59,000.00
5500	4115125	4115125 WTR-Misc Srv Rev-New Acct Fee	-200
****	4115135	4115135 WTR-Misc Srv Rev-DSIC Imprv Surch	-22,632,370.02
****	4115140	4115140 WTR-Misc Srv Rev-ST Tax Adj Surch	1,759,399.04
5500	4115145	4115145 WTR-Revenue Reserve	403,909.12

Financial Statement Version for AQUA

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Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	4118400	4118400 WTR-Other Water Rev	-367,890.47
		Operating Revenue - Water	-593,870,466.63
****	4211030	4211030 WW-Measured Rev-Residential	-42,727,026.52
****	4211035	4211035 WW-CAP Discount-Residential	183,563.83
****	4211040	4211040 WW-Flat Rate Rev-Residential	-8,723,579.66
5550	4212030	4212030 WW-Measured Rev-Commercial	-17,462,174.87
****	4212040	4212040 WW-Flat Rate Rev-Commercial	-3,411,016.03
5550	4213030	4213030 WW-Measured Rev-Industrial	-39,093.28
5550	4213040	4213040 WW-FlatRateRev-Industrial	-338,371.76
5550	4214030	4214030 WW-Flat Rate Rev-Pub Authorit	-802.14
5550	4214040	4214040 WW-Flat Rate Rev-Other Systems	-23,949.34
5550	4214050	4214050 WW-Measured Rev-Pub Authority	-1,643,071.13
****	4215155	4215155 WW-ST Tax Surcharge	50,924.79
5550	4215160	4215160 WW-Revenue Reserve	38,733.44
****	4218300	4218300 WW-Forfeited Discounts/Abate	-144,623.80
5550	4218400	4218400 WW-Other WW Revenues	-17,595.00
****	4218410	4218410 WW-Other WW Rev-DSIC	-778,515.54
		Operating Revenue - Sewer	-75,036,597.01
		Total Operating Revenue	-668,907,063.64
		Non Operatiing Revenue	
5550	4305035	4305035 Revenues from M & J and Contract Work	-6,132.00
5550	4305060	4305060 Rev-Contract-WW Billing	-1,852,650.83
5500	6104050	6104050 Rental Income - Non-Utility Operations	-22,000.00

Financial Statement Version for AQUA

0L Ledger
 10 Currency type Company code currency
 USD Amounts in United States Dollar
 2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	6104070	6104070 Nonutil Inc-UMS Outside Serv	-446,761.92
****	6104120	6104120 Nonutil Inc-Other (Water)	-979,678.31
5500	6104130	6104130 Nonutil Inc-Rent -Pole/Twr	-2,190,456.42
		Total Non Operating Revenue	-5,497,679.48
		TOTAL REVENUE	-674,404,743.12
		UTILITY COSTS & EXPENSES	
		Operations & Maintenance Expense:	
		Labor	
5500	5300110	5300110 Salaried - Straight-Time Wages	48,519,215.58
5500	5300161	5300161 Salaried Severance	6,424.52
5500	5300163	5300163 Salaried Severance WT	3,212.26
5500	5300190	5300190 Labor-Officers, Executives	748,426.72
5500	8710100	8710100 Labor Cost Center Variances - Employees	0
		Labor Regular	49,277,279.08
5500	5300120	5300120 Salaried - Overtime Wages	6,940,016.04
		Labor Overtime	6,940,016.04
5500	5300170	5300170 Salaried - Incentives / Bonuses	18,600.00
****	5300180	5300180 Salaried - Annual Incentive	1,577,303.68
		Labor Short Term Incentive	1,595,903.68
5500	5300185	5300185 Stock Option Compensation	8,058.24
5500	5300186	5300186 Performance Share Unit Amortization	377,702.44
5500	5300187	5300187 Restricted Stock Unit Amortization	195,598.67
****	5996070	5996070 RECLASS-LTI/STI	0

Financial Statement Version for AQUA

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10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		Labor Long Term Incentive	581,359.35
****	5996010	5996010 RECLASS-S&W-Employees	-20,176.70
****	5996020	5996020 RECLASS-S&W-Employees-OT	0
****	8000010	8000010 Area Manager II	-200.52
5500	8000029	8000029 Business Analyst III	29,876.99
****	8000032	8000032 Corporate Automation Engineer	0
5500	8000051	8000051 Corporate Energy Manager	524.36
****	8000056	8000056 Construction Coordinator III	-112.05
****	8000058	8000058 Construction Manager	0
****	8000088	8000088 Electrical Engineering Manager	0
5500	8000097	8000097 Enterprise Systems Manager	9,095.63
5500	8000105	8000105 Finance and Rate Analyst II	12,182.80
5500	8000129	8000129 Information Security Director	0
5500	8000150	8000150 Mgr, Security Operations & Engineering	1,269.28
****	8000154	8000154 New Business & Contract Operations Mgr	0
5500	8000156	8000156 Network Engineer II	0
****	8000159	8000159 Operations Director I	0
5500	8000168	8000168 Planning & Engineering Director	0
****	8000169	8000169 Project Engineer I	0
****	8000170	8000170 Project Engineer II	34,103.68
****	8000171	8000171 Project Engineer III	10,907.19
5500	8000179	8000179 Project Management Office Director	0
5500	8000201	8000201 Systems Administrator II	1,437.86

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	8000215	8000215 Service Desk Supervisor	0
5500	8000217	8000217 Systems Engineer II	0
5500	8000218	8000218 Security Engineer I	0
5500	8000219	8000219 Security Engineer III	46,708.83
****	8000227	8000227 Safety Specialist II	0
5500	8000228	8000228 Safety Specialist III	-1,251.60
5500	8000235	8000235 System Engineer III	22,417.56
5500	8000240	8000240 Telecom Engineer II	0
****	8000274	8000274 Field Supervisor I	0
****	8000275	8000275 Field Supervisor II	0
5500	8000276	8000276 Field Supervisor III	394.32
****	8000283	8000283 Operations Team Leader	0
****	8000286	8000286 Plant Manager II	0
****	8000289	8000289 Production Specialist	0
****	8000290	8000290 Plant Supervisor	0
5500	8000291	8000291 Senior Hydrogeologist	-563.92
****	8000292	8000292 Treatment Manager	0
5500	8000312	8000312 Telecom Analyst II	3,919.44
5500	8000325	8000325 Manager Security GRC	624.95
5500	8000326	8000326 Dsktop Sup Anlyst II-Exempt	0
5500	8000332	8000332 Lead, Enterprise Architect	7,981.80
5500	8000342	8000342 Security Analyst II	0
5500	8000365	8000365 Director Network/Telecom	0

Financial Statement Version for AQUA

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Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	8000367	8000367 IT Infrastructure Lead	0
****	8000381	8000381 Director Construction	0
5500	8000386	8000386 Materials Mgmt Supervisor	0
****	8000387	8000387 Sr Security GRC Analyst	0
5500	8000412	8000412 Customer Relations Specialist II	30,216.24
****	8001003	8001003 Administrative Assistant I	0
****	8001004	8001004 Administrative Assistant II	0
****	8001018	8001018 Construction Coordinator II	0
5500	8001019	8001019 Construction Inspector	-199.22
****	8001025	8001025 Customer Service Specialist II	0
5500	8001067	8001067 Records Coordinator	0
****	8001101	8001101 Facility Operator I	0
****	8001102	8001102 Facility Operator II	219.11
****	8001103	8001103 Facility Operator III	0
****	8001104	8001104 Facility Operator Trainee	134.9
5500	8001110	8001110 Instrumentation Control Specialist	0
****	8001151	8001151 Operations Team Lead	452.5
****	8001164	8001164 Seasonal Laborer	482.16
****	8001181	8001181 Utility Technician	329.41
****	8001182	8001182 Utility Technician I	18.94
5500	8001183	8001183 Utility Technician II	0
****	8001204	8001204 Electrician (Union)	0
****	8001209	8001209 Meter Reader (Union)	0

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	8001213	8001213 Utility Technician (Union)	-11,041.97
5500	8001219	8001219 Crew Leader	636.97
****	8001220	8001220 Distribution Technician	1,089.45
5500	8001224	8001224 Emergency Utility Worker	-120.03
****	8001226	8001226 Field Inspector - First Class	-172.76
****	8001228	8001228 Foreman	0
****	8001229	8001229 Facility Operator	0
****	8001230	8001230 Field Service Representative Leader	0
5500	8001231	8001231 Field Service Representative	-5,889.87
5500	8001235	8001235 Inspector	-1,422.28
****	8001239	8001239 Laborer	-1,123.23
5500	8001241	8001241 Leader	-1,937.54
5500	8001248	8001248 Maintenance Operator	-148.26
****	8001251	8001251 Maintenance Water Conservation Tech	-1,561.93
****	8001252	8001252 Operator - First Class	-849.32
5500	8001254	8001254 Operator - Third Class	-233.03
****	8001257	8001257 Operator I	-51.92
****	8001258	8001258 Operator II	97.42
****	8001259	8001259 Operator III	0
****	8001261	8001261 Operator Trainee	0
5500	8001265	8001265 Plant Utility Worker	48.84
****	8001270	8001270 System Operator	0
5550	8001276	8001276 Utility Field Service Worker I	35.32

Financial Statement Version for AQUA

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USD

2024.01 -2024.12

Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	8001278	8001278 Utility Locator	0
5500	8001283	8001283 Utility Worker - Electrical	-351.04
****	8001284	8001284 Utility Worker	-5,418.65
****	8001289	8001289 Working Foreman	-799.72
****	8001291	8001291 Wastewater Operator I	0
****	8001314	8001314 Wastewater Operator II	0
5500	8001316	8001316 Customer Relations Specialist I	107,826.36
****	8002003	8002003 Administrative Assistant I-TH	0
****	8002004	8002004 Administrative Assistant II-TH	0
****	8002018	8002018 Construction Coordinator II-TH	0
5500	8002067	8002067 Records Coordinator-TH	0
****	8002101	8002101 Facility Operator I-TH	0
****	8002102	8002102 Facility Operator II-TH	0
****	8002103	8002103 Facility Operator III-TH	-90.9
****	8002104	8002104 Facility Operator Trainee-TH	0
****	8002151	8002151 Operations Team Lead-TH	172.62
****	8002205	8002205 Facility Operator-TH	0
****	8002213	8002213 Utility Technician (Union)-TH	-361.36
5500	8002224	8002224 Emergency Utility Worker-TH	-60.02
****	8002228	8002228 Foreman-TH	0
5500	8002231	8002231 Field Service Representative-TH	-492.27
5500	8002235	8002235 Inspector-TH	-678.63
5500	8002239	8002239 Laborer-TH	-580.5

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	8002241	8002241 Leader-TH	-571.05
5500	8002248	8002248 Maintenance Operator-TH	-22.24
5500	8002251	8002251 Maintenance Water Conservation Tech-TH	-307.5
****	8002252	8002252 Operator - First Class-TH	-255.8
****	8002257	8002257 Operator I-TH	0
****	8002258	8002258 Operator II-TH	0
****	8002259	8002259 Operator III-TH	0
****	8002261	8002261 Operator Trainee-TH	-92.98
****	8002263	8002263 Pipe Truck Operator-TH	0
****	8002270	8002270 System Operator-TH	0
5500	8002283	8002283 Utility Worker - Electrical-TH	-98.73
5500	8002284	8002284 Utility Worker-TH	-3,792.96
****	8002289	8002289 Working Foreman-TH	-100.58
****	8002291	8002291 Wastewater Operator I-TH	0
****	8002314	8002314 Wastewater Operator II - TH	0
****	8003213	8003213 Utility Technician (Union)-DT	0
5500	8003219	8003219 Distribution Technician-DT	287.55
****	8003223	8003223 Emergency Utility Worker-DT	0
****	8003227	8003227 Foreman-DT	0
****	8003228	8003228 Facility Operator-DT	0
5500	8003230	8003230 Field Service Representative-DT	0
5500	8003234	8003234 Inspector-DT	0
****	8003240	8003240 Leader-DT	0

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	8003256	8003256 Operator I-DT	0
****	8003257	8003257 Operator II-DT	0
****	8003258	8003258 Operator III-DT	0
****	8003260	8003260 Operator Trainee-DT	-24.79
****	8003262	8003262 Pipe Truck Operator-DT	0
5500	8003265	8003265 Stock Attendant - First Class-DT	-338.64
****	8003269	8003269 System Operator-DT	0
****	8003290	8003290 Wastewater Operator I-DT	0
****	8003314	8003314 Wastewater Operator II - DT	0
****	8009990	8009990 True-Up Labor	4,139.14
		Activity Allocations	266,137.11
****	6996001	6996001 S&W-Employees-ST	-15,419,055.23
****	6996002	6996002 S&W-Employees-OT	-3,036,696.45
****	6996003	6996003 S&W-Officers, Directors, Majority Shareholder	-663,907.10
****	6996007	6996007 LTI/STI	-275,463.70
****	8720200	8720200 PTO Overhead	-6,563.73
****	8720700	8720700 LTI/STI/Stock Overhead	166.53
		Labor - Overheads & Capitalization	-19,401,519.68
		Total Labor	39,259,175.58
		Employee Benefits	
5500	5301010	5301010 Employee Benefits - Medical	7,189,135.63
5500	5301020	5301020 Employee Benefits - Dental / Vision	391,085.67
5500	5301025	5301025 Employee Benefits - Vision	83,645.30

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		Employee Benefits - Health Plans	7,663,866.60
5500	5301030	5301030 Employee Benefits - Life Insurance	234,274.17
5500	5301040	5301040 Employee Benefits - Disability	132,614.63
		Employee Benefits - Insurance	366,888.80
5500	5301110	5301110 Employee Benefits - Pensions	4,255,505.00
		Employee Benefits - Pension	4,255,505.00
5500	5301060	5301060 Employee Benefits - OPEB	334,463.28
		Employee Benefits - OPEB	334,463.28
5500	5301130	5301130 Employee Benefits - Savings Plan	2,588,367.48
5500	5301131	5301131 Employee Benefits - Savings Plan(401K)-YE	1,472,905.65
		Employee Benefits - 401K	4,061,273.13
****	5301910	5301910 Employee Related Expenses-On Boarding	9,657.00
5500	5301915	5301915 Employee Related Expenses-DOT Physicals	768.5
****	5301990	5301990 Other Employee Benefits - Miscellaneous	911.76
5500	5301995	5301995 Employee Related Expenses-EASE Contract (EAP)	19,442.27
5500	5301996	5301996 Other Employee Benefits - Fees COLI Accounts	66,250.45
5500	5302110	5302110 Recruiting Expenses	43,848.01
5500	5302120	5302120 Transfer/Relocation Expense	-867.56
****	5302920	5302920 Tuition Reimbursement Expense	56,865.25
****	5302925	5302925 Employee Training Expense	61,522.27
****	5302926	5302926 Employee Training Expense-Seminars	11,549.86
****	5302930	5302930 Employee Relations Expense	3,487.20
****	5302990	5302990 Miscellaneous Employee-Related Expense	3,254.47

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	5996040	5996040 RECLASS-Employee Pension and Benefits	0
****	8720300	8720300 Payroll Other Overhead	-6,445.81
		Employee Benefits - Miscellaneous	270,243.67
****	6996004	6996004 Employee Pension and Benefits	-4,481,646.02
		Capitalized Employee Benefits	-4,481,646.02
		Total Employee Benefits	12,470,594.46
		Purchased Water	
****	5206100	5206100 Purchased Water	6,316,679.43
5500	6996009	6996009 Purchased Water	-173,759.09
		Total Purchased Water	6,142,920.34
		Purchased Wastewater	
****	5206115	5206115 Purchased Wastewater Treatment	14,640,513.10
		Total Purchased Wastewater	14,640,513.10
		Sludge	
****	5206240	5206240 Sludge Removal	1,869,703.53
5550	5996110	5996110 RECLASS-Sludge Removal (WasteWater)	0
5550	6996011	6996011 Sludge Removal (WW)	-159,807.68
		Total Sludge	1,709,895.85
		Purchased Power	
****	5206210	5206210 Purchased Power	9,699,702.09
****	5206230	5206230 Fuel for Power Production	345,854.58
****	6996015	6996015 Purchased Power (WW)	-26,214.73
****	6996016	6996016 Fuel for Power Production	-4,157.73

Financial Statement Version for AQUA

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USD

2024.01 -2024.12

Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		Total Purchased Power	10,015,184.21
****	5304600	5304600 Chemicals-Oper-General	1,297,090.25
5500	5304601	5304601 Chemicals-Oper-Alum	10,396.28
****	5304602	5304602 Chemicals-Oper-Liqui Alum	1,636,205.53
****	5304603	5304603 Chemicals-Oper-Caustic	264,777.55
5500	5304604	5304604 Chemicals-Oper-Chlorine	1,697,053.20
****	5304605	5304605 Chemicals-Oper-Coagulants	815,494.81
5500	5304606	5304606 Chemicals-Oper-Fluoride	52,158.40
****	5304607	5304607 Chemicals-Oper-Hypochlorite	644,584.91
5500	5304608	5304608 Chemicals-Oper-Polyphosphate	812,032.18
****	5304609	5304609 Chemicals-Oper-Zinc Ortho	326,079.01
****	5304610	5304610 Chemicals-Oper-Polymer	756,729.52
5500	5304611	5304611 Chemicals-Oper-Soda Ash	0
5500	5304612	5304612 Chemicals-Oper-Sodium Thi	5,306.40
5500	5304613	5304613 Chemicals-Oper-Percol	7,831.80
5500	5304614	5304614 Chemicals-Oper-Solar Salt	0
5500	5304615	5304615 Chemicals-Oper-Lime	476,442.67
5500	5304616	5304616 Chemicals-Oper-Copper Sulphate	0
5500	5304617	5304617 Chemicals-Oper-Carbon	1,586,890.80
5500	5304619	5304619 Chemicals-Oper-Potaperm	109,929.35
5500	5304620	5304620 Chemicals-Oper-Ammonia	135,850.09
****	5304621	5304621 Chemicals-Oper-Misc Chem	258,039.49
****	5304622	5304622 SW-Chem-Coll Oper-General	0

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****	5304624	5304624 SW-Chem-Pump Oper-General	678,936.18
5550	5304626	5304626 SW-Chem-T&D Oper-General	9,105.28
****	6996018	6996018 Chemicals	-15,655.35
		Chemicals	11,565,278.35
		Materials & Supplies	
****	5304100	5304100 Material Exp-Stock	24,274,555.53
5500	5304105	5304105 Material Exp-Stk Cr	-7,379.83
****	5304110	5304110 Material Exp-Cst Dif	-113,315.21
5500	5304120	5304120 Material Exp-Obslete	1,328.62
5500	5304140	5304140 Material Exp-Inv Rvl	81,190.00
****	5304200	5304200 Material Exp-Non Stk	5,091,245.96
5500	5304235	5304235 Materials & Supplies - Hydrants	4,076.81
5500	5304250	5304250 Materials – PFAS	110,532.00
****	5304300	5304300 Meter/ERT Purchases	5,771,396.08
****	5304330	5304330 Laboratory Supplies	22,750.58
****	5304340	5304340 Software/Hardware Purchases	661,426.47
****	5304370	5304370 Small Tools & Work Equipment	532,090.83
****	5304375	5304375 Materials & Supplies - Uniforms	140,608.78
****	5304380	5304380 Materials & Supplies - Safety Supplies	522,331.53
****	5304390	5304390 Misc Supplies	1,121,972.03
****	5996200	5996200 RECLASS-Materials and Supplies	-6,153.29
****	8720600	8720600 Tools/Clothing/Others Overhead	179.33
		Supplies	38,208,836.22

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****	6996020	6996020 Materials and Supplies	-34,694,691.60
		Capitalized Supplies	-34,694,691.60
		Total Materials & Supplies	3,514,144.62
		Outside Services	
****	5303230	5303230 Contractor Services - Engineering	35,179,373.50
****	5996310	5996310 RECLASS-Contractual Services-Engineering	21,605.20
****	6996031	6996031 Contractual Services-Engineering	-34,614,952.57
		Outside Services - Engineering	586,026.13
5500	5303210	5303210 Accounting/Auditing Services	877,825.51
5500	6996032	6996032 Contractual Services-Accounting	-271,247.43
		Outside Services - Accounting	606,578.08
****	5303220	5303220 Legal Services	1,414,252.91
****	6996033	6996033 Contractual Services-Legal	-658,642.49
		Outside Services - Legal	755,610.42
****	5303850	5303850 Testing Services	1,072,281.19
****	5303855	5303855 Lab Testing – PFAS	6,051.79
****	5996350	5996350 RECLASS-Contractual Services-Testing	0
****	6996035	6996035 Contractual Services-Testing	-87,004.54
		Outside Services - Lab Testing	991,328.44
****	5303010	5303010 Contractor Labor - Straight Time	1,062,604.39
****	5303020	5303020 Contractor Materials	952,628.88
****	5303030	5303030 Contractor Services	95,581,774.51
****	5303031	5303031 Contractor Services - Oth-Cross Connect Control	563,680.00

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5500	5303032	5303032 Contractor Services - Oth-Hrdw/Sfts Maint	206,079.61
****	5303035	5303035 Contractor Services - Restoration	8,329,115.49
****	5303036	5303036 Contractor Services - Permit Fees	639,740.82
5500	5303040	5303040 Environmental Services	104,570.39
****	5303050	5303050 Contractor Services - Leak Detection	449,218.72
****	5303052	5303052 Contractor Services - Sewer Jetting	24,430.25
****	5303053	5303053 Contractor Services - Mains	86,426,890.77
****	5303054	5303054 Contractor Services - Well Cleaning	1,298,660.37
5550	5303055	5303055 Contractor Services - Wastewater Hauling	0
5500	5303056	5303056 Contractor Services - Basin-Lagoon Cleaning	394,376.61
5500	5303057	5303057 Contractor Services - Water Sludge hauling	453,065.23
5500	5303058	5303058 Contractor Services - Oth-Hauling	3,050.00
5500	5303059	5303059 Contractor Services - PFAS	719,098.84
****	5303061	5303061 Contractor Services - Other-Mains	3,263,914.10
****	5303062	5303062 Contractor Services - Other-Services	12,618,674.49
****	5303063	5303063 Contractor Services - Other-Meters	4,847,262.60
****	5303064	5303064 Contractor Services - Other-Hydrants	1,633,466.61
****	5303145	5303145 Contractor Services - Other-Construction	3,320,787.25
****	5996360	5996360 RECLASS-Contractual Services-Other	-1,591,311.87
****	6996036	6996036 Contractual Services-Other	-211,014,298.77
		Outside Services - Operations	10,287,479.29
5500	5997310	5997310 Other ACO Direct costs	993,966.26
****	5997320	5997320 WorkFlow Processing Fee	1,091,382.09

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****	5997330	5997330 WorkFlow Billing Postage	1,610,430.49
5500	5997360	5997360 ACO Lockbox Fees	444,435.78
		Direct ACO Costs	4,140,214.62
		Outside Services - ACO	4,140,214.62
		Outside Services - Other	
****	5303130	5303130 Building & Grounds Maintenance Services	2,201,851.06
****	5303135	5303135 Contractor Services - Grounds Care	1,975,942.19
****	5303840	5303840 Security & Investigative Services	759,204.99
****	6996361	6996361 Contractual Services - Other - Bldg & Grounds	-1,322,532.15
		Outside Services - Bldg & Grounds	3,614,466.09
****	5303150	5303150 Communications Equipment Maintenance Services	3,580.00
****	6996363	6996363 Contractual Services - Other - Communications	-2,980.00
		Outside Services - Communications	600
5500	5303110	5303110 Office Equipment Maintenance Services	4,877.27
****	5303120	5303120 Computer & Software Maintenance Services	223,204.96
5500	5303315	5303315 IT/Telecom Contractor Services	222,086.63
5500	6996364	6996364 Contractual Services - Other - IT	-246,712.75
		Outside Services - IT	203,456.11
****	5303140	5303140 Security Equipment Maintenance Services	538,648.16
5500	6996365	6996365 Contractual Services - Other - Security	0
		Outside Services - Security	538,648.16
5500	5303325	5303325 Professional/Temporary Labor	166,896.70
5500	6996366	6996366 Contractual Services - Other - Temporary Labor	-7,200.00

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Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		Outside Services - Temporary Labor	159,696.70
****	5303190	5303190 Miscellaneous Repairs/Maintenance	101,309.90
****	5303310	5303310 Consultant Services	898,338.09
****	5303320	5303320 Training Services	25,376.70
****	5303890	5303890 Miscellaneous Outside Services	491,602.60
****	6996367	6996367 Contractual Services - Other - Admin & General	-825,078.91
		Outside Services - Admin & General	691,548.38
		Total Outside Services - Other	5,208,415.44
		Total Outside Services	22,575,652.42
		Managment Fees	
5500	8731010	8731010 S&W-Employees	0
5500	8731030	8731030 S&W-Officers, Directors, Maj Shareholder	0
		Management Fees - Essential	0
****	8730100	8730100 Management Fees Aqua Services - Services	0
5500	8732010	8732010 S&W-Employees	21,745,119.82
5500	8732030	8732030 S&W-Officers, Directors, Maj Shareholder	9,297,510.17
5500	8732040	8732040 Employee Pension and Benefits	397,565.37
5500	8732050	8732050 Employee Taxes	0
5500	8732150	8732150 Purchased Power (WasteWater)	10,833.00
5500	8732200	8732200 Materials and Supplies	2,807,815.88
5500	8732310	8732310 Contractual Services-Engineering	644,347.04
5500	8732320	8732320 Contractual Services-Accounting	329,393.77
5500	8732330	8732330 Contractual Services-Legal	77,377.21

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Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
5500	8732340	8732340 Contractual Services-Management Fees	2,536,581.80
5500	8732360	8732360 Contractual Services-Other	13,899,392.23
5500	8732410	8732410 Rental of Building Real Property	0
5500	8732500	8732500 Transportation Expenses	12,213.97
5500	8732570	8732570 Insurance General Liability	0
5500	8732600	8732600 Advertising Expense	5,017.25
5500	8732750	8732750 Miscellaneous Expense	1,881,659.70
		Management Fees - Water	53,644,827.21
****	8730310	8730310 Management Fees State Admin	0
****	8733010	8733010 S&W-Employees-ST	0
****	8733020	8733020 S&W-Employees-OT	0
****	8733030	8733030 S&W-Officers, Directors, Maj Shareholder	0
****	8733040	8733040 Employee Pension and Benefits	0
****	8733050	8733050 Employee Taxes	0
****	8733070	8733070 LTI/STI	0
****	8733090	8733090 Purchased Water	0
****	8733150	8733150 Purchased Power (WasteWater)	0
****	8733160	8733160 Fuel for Power Production	0
****	8733180	8733180 Chemicals	0
****	8733200	8733200 Materials and Supplies	0
****	8733310	8733310 Contractual Services-Engineering	0
****	8733320	8733320 Contractual Services-Accounting	0
****	8733330	8733330 Contractual Services-Legal	0

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****	8733340	8733340 Contractual Services-Management Fees	0
****	8733350	8733350 Contractual Services-Testing	0
****	8733360	8733360 Contractual Services-Other	0
****	8733361	8733361 Contractual Services - Other - Bldg & Grounds	0
****	8733364	8733364 Contractual Services - Other - IT	0
****	8733365	8733365 Contractual Services - Other - Security	0
****	8733366	8733366 Contractual Services - Other - Temporary Labor	0
****	8733367	8733367 Contractual Services - Other - Admin & General	0
****	8733410	8733410 Rental of Building Real Property	0
****	8733420	8733420 Rental of Equipment	0
****	8733500	8733500 Transportation Expenses	0
****	8733570	8733570 Insurance General Liability	0
****	8733600	8733600 Advertising Expense	0
****	8733750	8733750 Miscellaneous Expense	0
****	8733751	8733751 Other Miscellaneous Expense	0
****	8733780	8733780 Non Op Utility Exp	0
****	8733830	8733830 Capitalized Depreciation	0
****	8733850	8733850 Capital OH	0
		Management Fees - State	0
5500	6996034	6996034 Contractual Services-Management Fees	-25,233,875.75
		Capitalized Management Fees	-25,233,875.75
		Total Managment Fees	28,410,951.46
		Leases	

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****	5307010	5307010 Rent Expense - Buildings	576,552.08
****	5307050	5307050 Rent Expense - Land & Land Rights	153,564.78
****	5996410	5996410 RECLASS-Rental of Building Real Property	0
****	6996041	6996041 Rental of Building Real Property	-87,100.00
		Leases - Building	643,016.86
****	5307030	5307030 Rent Expense - Equipment (Office & Other)	61,320.40
5500	5996420	5996420 RECLASS-Rental of Equipment	0
****	6996042	6996042 Rental of Equipment	-38,084.75
		Leases - Equipment	23,235.65
5500	5307090	5307090 Rent Expense - Miscellaneous	2,002.41
		Leases - Other	2,002.41
		Total Leases	668,254.92
		Transportation	
****	5303170	5303170 Automobile Repairs/Maintenance	27,163.86
****	5304210	5304210 Auto Parts & Supplies	753,597.48
5500	5399070	5399070 Vehicle Expenses-Fleet System- Maintenance	283,488.90
		Transportation - Services & Maintenance	1,064,250.24
5500	5399077	5399077 Transportation - Vehicle Leases	9,196.00
		Transportation - Leases	9,196.00
****	5304510	5304510 Gasoline	1,468,343.06
****	5304515	5304515 Diesel Fuel	286,335.62
5500	5304516	5304516 Natural Gas Fuel	9,882.78
5500	5304520	5304520 Fuel-Off Hwy Equip	4,549.23

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		Transportation - Fuel	1,769,110.69
5500	5303175	5303175 Contractor Srvcs-Transportation-Corp Claims Mgmt	40,167.56
5500	5399079	5399079 Transportation-Crash	76,688.17
****	5996500	5996500 RECLASS-Transportation Expenses	-168,374.97
****	8720500	8720500 Transportation Overhead	-1,886.87
		Transportation - Other	-53,406.11
****	6996050	6996050 Transportation Expenses	-885,257.67
		Capitalized Transportation	-885,257.67
		Total Transportation	1,903,893.15
		Miscellaneous Expenses	
****	5308010	5308010 Subscriptions	97,337.51
****	5308021	5308021 Professional Dues	10,177.14
****	5308041	5308041 Industry Assoc Dues	17,904.46
****	5308090	5308090 Other Dues&Membershp	686,796.60
		Dues & Subscriptions	812,215.71
****	5310010	5310010 Operating Permits	226,489.12
****	5310020	5310020 Licensing Fees	765,162.11
****	5310050	5310050 Environmental Fees	25,025.13
		Licenses & Permits	1,016,676.36
5500	5310080	5310080 Bank Fees	94,072.47
5500	5310085	5310085 Bond Servicing Fees	213,808.29
		Bank Fees	307,880.76
****	5302010	5302010 Travel Expense	214,651.82

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****	5302015	5302015 Travel - Meals (50% Non-Deductible)	253,411.29
5500	5302016	5302016 Travel - Meals (100% Deductible)	0
5500	5302020	5302020 Entertainment Expense	8,270.67
****	5302021	5302021 Entertainment Expense - Non-Deductible	37,009.50
5500	5302022	5302022 Entertainment Expense-50% Non-Deductible	600
		Travel & Entertainment	513,943.28
****	5303830	5303830 Advertising	159,121.24
5500	5399110	5399110 Chamber of Commerce & Civic Org	207,038.00
****	6996060	6996060 Advertising Expense	-779.48
		Public Relations	365,379.76
5500	5399210	5399210 Penalties - Operating - Nondeductible-WTR/WWTR	9,375.00
		Fines & Penalties	9,375.00
****	5304310	5304310 Office Supplies	273,427.92
****	5304320	5304320 Postage, Shipping, & Freight	345,456.80
****	5304350	5304350 Office Furn & Equip	65,677.48
5500	5304360	5304360 Promotion Supplies	49,166.74
****	5304410	5304410 Purchasing Card Expenses-MC	-49,572.67
		Office Supplies	684,156.27
****	5309010	5309010 Utilities - Electric and Gas	60,555.97
5500	5309020	5309020 Utilities - Phone	0
****	5309025	5309025 Utilities - Communications	1,536,816.62
****	5309030	5309030 Utilities - Water	107,043.98
****	5309040	5309040 Utilities - Other	27,737.03

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		Utilities	1,732,153.60
****	5310090	5310090 Miscellaneous Fees	5,196.34
5500	5310100	5310100 Other Misc – PFAS	5,903.92
5500	5320140	5320140 Land Rights & Right of Way Fees	13,250.00
5500	5399040	5399040 Lost Discount Exp	-224,560.33
****	5399050	5399050 Regulatory Deferrals/Amortization	-279,549.56
****	5399900	5399900 Miscellaneous Expense	-2,420,502.23
5500	5399910	5399910 Miscellaneous Expense - Acct Recon Write-offs	0
****	6996751	6996751 Other Miscellaneous Expense	414,603.75
		Other Miscellaneous	-2,485,658.11
****	5303900	5303900 Conversion-Projects	-136,882.13
5500	5399060	5399060 Contrib in Aid of Constr - Cash - Taxable	139,102.82
****	5399061	5399061 CIAC-Project offset	18,178,681.41
****	5399062	5399062 Contrib in Aid of Constr - Non-Cash - Non-Taxable	-4,298,515.88
****	5399064	5399064 Contrib in Aid of Constr - Cash - Non-Taxable	-10,428,655.39
5500	5399074	5399074 Vehicle Purchases	3,439,333.23
****	5399310	5399310 Advances for Construction - Non-Cash - Non-Taxable	-13,380,165.53
****	5399315	5399315 Advances for Construction - Cash - Non-Taxable	3,287,111.63
****	5399340	5399340 Salvage Proceeds	-969,298.72
****	5996750	5996750 RECLASS-Miscellaneous Expense	0
****	5996850	5996850 RECLASS-Capital Overhead	0
****	6996075	6996075 Miscellaneous Expense	-3,101,830.72
****	6996081	6996081 CIAC	-3,590,612.96

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****	6996082	6996082 CAC	10,093,053.90
****	6996085	6996085 Capital Overhead	7,905.44
****	8720400	8720400 A&G Capital Support Overhead	-1,394.61
****	8720900	8720900 Engineering Overhead	-4,308.74
		Capital Miscellaneous & Overheads	-766,476.25
		Total Miscellaneous Expenses	2,189,646.38
		Insurance	
****	5305010	5305010 Injury Expenses	4,366,712.00
****	5305020	5305020 Damages - Property	442,969.57
5500	5305030	5305030 Claims Reimburse	2,426.12
****	5305050	5305050 Worker's Compensation Claim Expenses	0
****	5305060	5305060 Worker's Compensation Admin	894,180.00
****	5306010	5306010 Insurance-Directors&Officers/Fiduciary/Crime	2,227,272.00
5500	5306060	5306060 Insurance-General Property	140,628.00
5500	6996057	6996057 Insurance General Liability	-1,404,576.00
5500	6996058	6996058 Insurance Workman's Compensation	-281,160.00
5500	6996059	6996059 Insurance Other	-699,360.00
		Total Insurance	5,689,091.69
		Bad Debt	
****	5311020	5311020 Uncollect Accts Exp-Writeoffs	4,571,166.62
****	5311030	5311030 Uncollect Accts Exp-Recovery of Bad Debt	-619,551.23
****	5311040	5311040 Uncollect Accts Exp-Reserve Change	-1,889,654.96
****	5996700	5996700 RECLASS-Bad Debt Expense	23,777.94

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****	6996070	6996070 Bad Debt Expense	-38,606.40
		Total Bad Debt	2,047,131.97
		Non Operating Expenses	
****	5381000	5381000 Acquisition Related Expenses	1,264,348.77
****	6201011	6201011 Donations - 501(c)(3)	184,474.96
5500	6202021	6202021 Non Utililty Civic/Politic Activities	139,314.43
5500	6204020	6204020 Misc NonUtil Exp-Antennae	31,697.00
5500	6204050	6204050 Misc NonUtil Exp-Non-Cust Rel	102,944.40
5500	6204080	6204080 Misc NonUtil Exp-Bill Mat&Serv	13,225.00
5500	6204140	6204140 Misc NonUtil-N-Cust-Act & Evt	0
****	6204150	6204150 Misc NonUtil Exp-Other	791,476.65
****	6204160	6204160 Misc NonUtil-Other-Prof Servic	165,403.31
5500	6204170	6204170 Misc NonUtil-Nontax Ded Bus Ex	303,797.01
****	6996078	6996078 Non Op Utility Expense	-65,216.40
		Total Non Operating Expenses	2,931,465.13
		Total Operations & Maintenance Expense	165,733,793.63
		Depreciation:	
****	5501001	5501001 Deprec Exp - Utility Plant	140,069,138.72
5550	5501091	5501091 Depreciation Expense - Non-Utility Plant	0
****	5502011	5502011 Amortization Expense - CIAC	-4,502,780.44
		Total Depreciation	135,566,358.28
		Amortization:	
****	5507011	5507011 Amortization Exp - Rate Case Expenses WT/WW	354,204.82

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****	5507070	5507070 Amort-Util Plant Acq Adj	-843,891.93
5500	6402421	6402421 Amort Debt Disc & Exp - Essential	148,629.92
		Total Amortization	-341,057.19
		Taxes Other Than Income:	
****	5310031	5310031 Assessment-PUC	2,796,125.76
****	5310032	5310032 Assessment-Consumer Advocate	982,220.00
****	5310033	5310033 Assessment-SBA	271,841.00
****	5310035	5310035 Assessment-DPC	181
****	5702101	5702101 Property Taxes	-3,117.80
****	5702120	5702120 Property Taxes-WT/WW	1,496,068.24
5500	5703100	5703100 Payroll Taxes	4,386,090.11
5500	5709101	5709101 Other Miscellaneous Taxes	2,285.09
5500	5709140	5709140 Other Taxes-PURTA	4,800,201.33
****	5996050	5996050 RECLASS-Employee Taxes	0
****	6996005	6996005 Payroll Tax	-1,440,738.77
****	8720100	8720100 Payroll Tax Overhead	-2,586.69
		Total Taxes Other Than Income	13,288,569.27
		TOTAL UTILITY COSTS & EXPENSES	314,247,663.99
		TOTAL OPERATING INCOME	-360,157,079.13
		OTHER (INCOME) EXPENSE	
		Interest Expense:	
5500	6499021	6499021 Interest Expense - Short Term Debt	1,677,666.06
		Interest on Short Term Debt	1,677,666.06

Financial Statement Version for AQUA

0L

10

USD

2024.01 -2024.12

Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	6499011	6499011 Interest Expense - Long Term Debt	92,306,520.96
		Interest on LTD	92,306,520.96
****	6402430	6402430 Amort-Debt Issuance Costs	525,473.06
5500	6402440	6402440 Amort-Premium/Disc on Debt	0
		Amortization of Debt Issuance Costs	525,473.06
		Interest on Long Term Debt	92,831,994.02
****	5996800	5996800 Reclass-AFUDC-Debt	25,905.80
****	5996801	5996801 Reclass-AFUDC-Equity	42,104.70
****	6404001	6404001 Allowance for Funds Used Dur Constr-Debt	-3,045,017.03
****	6499998	6499998 Capitalized AFUDC Debt - Project Use	3,023,332.16
****	6996080	6996080 AFUDC-Debt	-3,048,225.72
		AFUDC - Debt	-3,001,900.09
****	6103000	6103000 Allowance Funds Used During Construction-Equity	-4,745,415.46
****	6499999	6499999 Capitalized AFUDC Equity - Project Use	4,699,089.83
****	6996086	6996086 AFUDC-Equity	-4,739,661.52
		AFUDC - Equity	-4,785,987.15
		Allow For Funds Used During Construction	-7,787,887.24
		Total Interest Expense	86,721,772.84
		Other Net (Income) Expense:	
****	5380011	5380011 Operating Gain/Loss-Disposition of Assets	-504,288.50
		Gains from Sales of Property	-504,288.50
5500	6299100	6299100 Other Expense - Non-Service Cost Benefits-Pension	-2,255,505.00
5500	6299101	6299101 Other Expense - Non-Service Cost OPEB	-295,380.00

Financial Statement Version for AQUA

0L

10

USD

2024.01 -2024.12

Ledger

Currency type Company code currency

Amounts in United States Dollar

Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	6299102	6299102 Nonqual - Non Service Cost	161,209.00
		Other Net Periodic Benefit Costs	-2,389,676.00
		Other Net (Income) Expense	-2,893,964.50
		TOTAL OTHER (INCOME) EXPENSE	83,827,808.34
		TOTAL INCOME BEFORE TAX & GAIN	-276,329,270.79
		INCOME TAXES	
		Income Taxes - Current	
****	6310011	6310011 Federal Income Tax Expense	24,823,224.65
5500	6310021	6310021 FIN 48 Federal Income Tax Expense	269,752.16
		Federal Taxes - Current	25,092,976.81
****	6311011	6311011 State Income Tax Expense	6,134,924.24
5500	6312011	6312011 FIN 48 State Income Tax Expense	277,750.92
		State Taxes - Current	6,412,675.16
		Total Income Taxes - Current	31,505,651.97
		Income Taxes - Deferred	
****	6320021	6320021 Defd Federal Income Tax Expense-Noncurr Asset	9,271,707.69
****	6320031	6320031 Defd Federal Income Tax Expense-Other Curr Liab	-18,059,603.91
****	6320041	6320041 Defd Federal Income Tax Expense-Plant Noncurr Liab	39,718,701.50
5500	6320046	6320046 Defd Federal Income Tax Expense-EDIT Amortization	749,314.00
****	6320051	6320051 Defd Federal Income Tax Expense-Other NC Liab	-24,580,352.88
5500	6322011	6322011 Amortization - Deferred ITC	-102,140.44
		Federal Taxes - Deferred	6,997,625.96
****	6321021	6321021 Defd State Income Tax Expense-Noncurr Asset	10,820,053.14

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.01 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
****	6321031	6321031 Defd State Income Tax Expense-Other Curr Liab	-5,099,448.78
****	6321041	6321041 Defd State Income Tax Expense-Plant Noncurr Liab	751,561.61
****	6321051	6321051 Defd State Income Tax Expense-Other NC Liab	-2,017,948.71
		State Taxes - Deferred	4,454,217.26
		Total Income Taxes - Deferred	11,451,843.22
		TOTAL INCOME TAXES	42,957,495.19
		TOTAL NET INC BFR EQTY EARNG IN SUBSIDIARIES	-233,371,775.60
		Equity Earnings in Subsidiaries	
5500	4700311	4700311 Equity Earnings in Subsidiary-5510-Honesdale	-1,235,782.91
5500	4700312	4700312 Equity Earnings in Subsidiary-5550-Aqua PA Wastewa	-19,548,481.40
		Total Equity Earnings in Subsidiaries	-20,784,264.31
		TOTAL NET INCOME	-254,156,039.91
		NET INCOME AVAILABLE FOR COMMON	254,156,039.91
		TOTAL NET INCOME AVAILABLE FOR COMMON	0

BALANCE SHEET

Financial Statement Version for AQUA

0L Ledger
10 Currency type Company code currency
USD Amounts in United States Dollar
2024.12 -2024.12 Reporting periods

Company Code	Account Number	Text for B/S P&L Item	Total of Reporting Period
		ASSETS	
		PLANT	
		Net Utility Plant	
		Gross Utility Plant	
****	1310110	1310110 Construction Complete Not Classified	121,591,616.98
5510	1311000	1311000 Power Plan Clearing	0
****	1311111	1311111 Plant Held for Future Use - Powerplan Clearing	2,536,798.30
****	1311130	1311130 Utility Plant Purchased/Sold	2,500,000.00
****	1311200	1311200 Utility Plant in Service - PowerPlan	6,566,387,645.16
****	1311910	1311910 Util PP&E Clearing Acct for Data Conversion	3,562,614.00
		Total Utility Prop Plant & Equip	6,696,578,674.44
****	1311141	1311141 Plant Acquisition Adjustments-PowerPlan	-17,991,063.28
****	1331141	1331141 Accum Amortization - Plant Acquisition Adj PP	20,198,285.03
		Total Net Utility Plant Adjustment	2,207,221.75
****	1311310	1311310 Non-Utility Property	26,614,884.44
****	1331310	1331310 Accumulated Depreciation - Non-Utility Property	-6,542,209.02
		Non-Utility Property	20,072,675.42
		Total Gross Utility Plant	6,718,858,571.61
		Allowance for Depreciation	
****	1331210	1331210 Accumulated Depreciation - Utility Plant	-1,557,975,141.47
		Less Allowance for Depreciation	-1,557,975,141.47
		Total Net Utility Plant	5,160,883,430.14
		Construction Work in Progress	

****	1311011	1311011 Construction Work In Progress-Utility-PowerPlan	202,121,610.17
****	1311900	1311900 CWIP Clearing Acct/Direct Pstg	210,037.76
		Total Construction Work in Progress	202,331,647.93
		TOTAL PLANT	5,363,215,078.07
		OTHER ASSETS	
		Other Physical Property	
****	1311120	1311120 Non-Utility Property	2,507,002.95
****	1331120	1331120 Accumulated Depreciation - Non-Utility Property	-222,127.54
		Total Other Physical Property	2,284,875.41
		Investment in Subsidiary Companies	
5500	1219411	1219411 Inv in Consol Subs-5510-Honesdale Water Company	51,489,388.64
5500	1219412	1219412 Inv in Consol Subs-5550-Aq Pennsylvania WasteWater	516,604,679.89
		Total Investment in Subsidiary Companies	568,094,068.53
		OTHER ASSETS SUBTOTAL	570,378,943.94
		CURRENT ASSETS	
		Prepayments & Other Current Assets	
		Prepayments	
****	1191310	1191310 Other PPD-PUC Assessment	1,499,047.00
****	1191311	1191311 Other PPD-SBA Assessment	174,462.00
****	1191312	1191312 Other PPD-Cons/Public Advocate Assmt	467,536.00
5500	1191313	1191313 Other PPD-AWWA Dues	11,371.00
5500	1191315	1191315 Other PPD - PURTA Tax	-1.31
****	1191900	1191900 Prepaid Miscellaneous	57,901.44
		Total Prepayments	2,210,316.13
		Total Prepayments & Other Current Assets	2,210,316.13
		Cash	
5500	1111502	1111502 Cash in Banks - Aqua PA PNC Acct-X2757	973,139.00
5500	1111520	1111520 Cash in Banks - PNC Nat.City-Shenango-X3268	2,307.00
5500	1112503	1112503 Cash Clrg - Aqua PA PNC Acct-X2757	-710.93
5500	1112561	1112561 Cash Clrg - PNC Aqua Acct-X3136	1.35
5550	1112563	1112563 Cash Clrg - PNC Aqua Acct-X6161	0.06
****	1113200	1113200 Working Funds	17,103.45
		Total Cash	991,839.93

		Accts Receivable Trade	
****	1136101	1136101 Customer A/R - Utility - Manual	-6,158.40
****	1136200	1136200 Customer A/R - Utility	62,800,122.66
****	1137057	1137057 Accounts Receivable - Other	6,649,594.37
5500	1199910	1199910 Rents Receivable	900
		Total Accts Receivable Trade	69,444,458.63
		Allowance for Bad Debts	
****	1138010	1138010 Provision for Uncollectible A/R-Customer Accounts	-8,908,139.15
		Total Allowance for Bad Debts	-8,908,139.15
		Accts Receivable - Affiliates	
5500	1133140	1133140 Interco Rec - 2200 - PNG Companies LLC	147,672.99
5500	1133224	1133224 Interco Rec - 5800 -Aqua Illinois, Inc.	0
5500	1135602	1135602 A/R - 9200 - Essential Services Inc.	143,052.13
****	1135603	1135603 A/R - 9210 - Aqua Services Inc.	1,129,008.33
5500	1135604	1135604 A/R - 5100 - Aqua New Jersey Inc.	4,847.35
5500	1135605	1135605 A/R - 5200 - Aqua Ohio Inc.	14,057.30
5500	1135606	1135606 A/R - 5210 - Aqua Ohio Wastewater Inc.	0
5500	1135607	1135607 A/R - 5300 - Aqua North Carolina Inc.	101,367.76
5500	1135608	1135608 A/R - 5400 - Aqua Virginia Inc.	0
5500	1135609	1135609 A/R - 5410 - Great Bay Utilities Inc.	0
****	1135610	1135610 A/R - 9100 - Essentials Utilities Inc.	59,626,152.90
****	1135611	1135611 A/R - 5500 - Aqua Pennsylvania Inc.	1,534,108.89
5500	1135612	1135612 A/R - 5510 - Honesdale Consol Water Co	52,057.17
5500	1135613	1135613 A/R - 5550 - Aqua Pennsylvania WW Inc.	2,819,632.60
5500	1135619	1135619 A/R - 5600 - Aqua Texas	0
5500	1135622	1135622 A/R - 5710 - Hendricks County WW LLC	0
5500	1135624	1135624 A/R - 5800 -Aqua Illinois, Inc.	3,046.55
		Total Accts Receivable - Affiliates	65,575,003.97
		Materials & Supplies	
5500	1142010	1142010 Materials Inventory	10,290,689.26
5500	1142020	1142020 Materials Inventory - Meters	3,862,858.08
5500	1142030	1142030 Materials Inventory - Chemicals	71,753.30
5500	1142910	1142910 Materials Inventory - Conversion	28,009.50

		Total Materials & Supplies	14,253,310.14
		Unbilled Revenue	
****	1131040	1131040 Unbilled Revenue - Water/WasteWater	33,612,666.02
5550	1131045	1131045 Unbilled Revenue - Water/WasteWater - Non CIS	736,597.90
		Total Unbilled Revenue	34,349,263.92
		TOTAL CURRENT ASSETS	177,916,053.57
		NONCURRENT ASSETS	
		Total Reg Assets LT	
		Rate Case Expense	
****	1253100	1253100 Deferred Rate Case Expenses	1,993,787.72
		Total Rate Case Expense	1,993,787.72
		Regulatory Assets	
****	1242010	1242010 Reg Asset - FAS 109	848,028,263.25
****	1242164	1242164 Reg Asset-Other	1,524,603.58
****	1242168	1242168 Reg Asset-COVID19 Recovery Cos	5,862,272.62
5500	1242171	1242171 Reg Asset-Reg Asset-Twin Lakes	693,184.66
****	1242208	1242208 Reg Asset - Cost of Removal - WT/WW	8,914,852.72
		Total Regulatory Assets	865,023,176.83
		Total Reg Assets LT	867,016,964.55
		Unamortized Debt Exp	
5500	1199920	1199920 Unamortized Debt Issuance Exp	93,145.20
		Total Unamortized Debt Exp	93,145.20
		Prelim Survey & Invest	
5500	1250020	1250020 Preliminary Survey & Investigations (PP)	45,828.31
****	1251030	1251030 Retirement Work in Progress (Water) – PP	2,617,899.81
		Total Prelim Survey & Invest	2,663,728.12
		Goodwill	
****	1311151	1311151 Goodwill-Manual	34,303,750.80
		Total Goodwill	34,303,750.80
		Operating Lease Assets	
5500	1293110	1293110 Lease - Land	8,875,771.46
5500	1293115	1293115 Lease - Office Building	359,702.12
5500	1293120	1293120 Lease - Office Equipment	181,824.61

5500	1293130	1293130 Lease - Easement	0
5500	1293200	1293200 Accumulated Lease Amortization	-1,674,313.88
		Total Operating Lease Assets	7,742,984.31
		Other (NC Assets)	
5500	1253921	1253921 Other Deferred DB-Susp-Amortiz	-175,730.23
5500	1253922	1253922 Other Deferred DB-Service Line	20,533.90
5500	1999997	1999997 ADP Interm Clearing	260.18
		Total Other (NC Assets)	-154,936.15
		TOTAL NONCURRENT ASSETS	911,665,636.83
		TOTAL ASSETS	7,023,175,712.41
		CAPITAL	
		Equity	
		Common Shares	
****	3110100	3110100 Common Stock	-110,000.00
		Total Common Shares	-110,000.00
		Capital in Excess of Par	
5500	3121111	3121111 Other Paid-In Cap-PSU	-7,659,957.16
5500	3121112	3121112 Other Paid-In Cap-RSU	-1,864,919.17
5500	3121114	3121114 Other Paid-In Cap-Stock Option	-9,008,520.31
5500	3121115	3121115 Other Paid-In Cap-Tax on Stock	-1,644,203.90
5500	3121116	3121116 Other Paid-In Cap-Restricted Stock	-449,399.37
****	3121117	3121117 Other Paid-in Capital-Aqua	126,569,873.28
5500	3121121	3121121 Members Equity - Subsidiaries	-524,048,462.38
		Total Capital in Excess of Par	-418,105,589.01
		Balanace January 1st	
****	3220000	3220000 Unappropriated Retained Earnings	-2,377,127,710.45
5500	3220301	3220301 Unapprop Undistr Sub Erngs-9110-Essential WT Hldg	-36,121,805.98
5500	3220312	3220312 Unapprop Undistr Sub Erngs-5510-Honesdle Consol WT	-3,192,277.18
5500	3220313	3220313 Unapprop Undistr Sub Erngs-5550-Aq PennsylvaniaWW	-20,069,064.66
****	3239900	3239900 Miscellaneous Retained Earnings Adjustments	0
		Balanace January 1st	-2,436,510,858.27
		Income - Current Year	
		Current Year Profit	-254,156,039.91

		Total Income - Current Year	-254,156,039.91
		Treasury Stock	
5500	3131000	3131000 Reacquired Capital Stock	1,000.00
		Total Treasury Stock	1,000.00
		Total Equity	-3,108,881,487.19
		Long-Term Debt	
		Mortgage Bonds	
5500	2200210	2200210 Long-Term Debt - Bonds	-2,174,800,000.00
****	2200460	2200460 Long-Term Debt - PENNVEST	-17,270,564.37
		Total Long Term Debt	-2,192,070,564.37
		Total Mortgage Bonds	-2,192,070,564.37
		Unamort Debt Issue Costs	
****	2201005	2201005 Debt Issuance Costs – LT - Water/Wastewater	11,017,775.57
5500	2201020	2201020 Unamortized Bond Premium	0
		Total Unamort Debt Issue Costs	11,017,775.57
		Total Long-Term Debt (Net)	-2,181,052,788.80
		TOTAL CAPITAL	-5,289,934,275.99
		CURRENT LIABILITIES	
		Short Term Debt	
5500	2150050	2150050 Notes Payable - Short Term Debt	-31,157,563.96
		Total Short Term Debt	-31,157,563.96
		Current Portion - LTD	
****	2150010	2150010 Notes Payable - Current Portion	-2,783,699.81
5500	2150015	2150015 Notes Payable - Current Portion-FM Bonds	-15,000,000.00
		Total Current Portion - LTD	-17,783,699.81
		Accounts Payable - Trade	
****	2111020	2111020 Trade Accounts Payable	-13,360,737.32
5500	2111025	2111025 Cash Discounts Clearing - Trade A/P	28,120.86
****	2111110	2111110 Accts Pay-Refunds to Customers	-989.89
****	2111130	2111130 A/P-Contractors Retainage	-3,765,821.38
****	2111200	2111200 Goods Received/Invoice Received Clearing	-9,891,647.85
5500	2111400	2111400 Procurement Card Clearing	19,162.27
5500	2111530	2111530 Accts Pay-Accrued Purchased Water	-544,054.91

5500	2111535	2111535 Accts Pay-Accrued Electric	-699,995.69
5500	2111811	2111811 Expense Report Clearing - Travel Expense	-4,121.02
****	2111910	2111910 Accts Payable Liability - Other	-943,135.88
		Total Accounts Payable - Trade	-29,163,220.81
		Accts Payable - Affiliate	
5500	2113040	2113040 Interco Payable - 2200 - PNG Companies LLC	-138,749.67
5550	2113216	2113216 Interco Pay - 5582 - Aqua Resources Inc.	-28,338,136.02
5500	2113602	2113602 A/P - 9200 - Essential Services Inc.	-54,395.69
****	2113603	2113603 A/P - 9210 - Aqua Services Inc.	-6,105,900.07
5500	2113604	2113604 A/P - 5100 - Aqua New Jersey Inc.	0
5500	2113605	2113605 A/P - 5200 - Aqua Ohio Inc.	-10,793.54
5500	2113607	2113607 A/P - 5300 - Aqua North Carolina Inc.	0
****	2113608	2113608 A/P - 5400 - Aqua Virginia Inc.	-724.13
****	2113610	2113610 A/P - 9100 - Essentials Utilities Inc.	-54,306,439.66
****	2113611	2113611 A/P - 5500 - Aqua Pennsylvania Inc.	-2,871,689.77
5500	2113612	2113612 A/P - 5510 - Honesdale Consol Water Co	-81,765.93
5500	2113613	2113613 A/P - 5550 - Aqua Pennsylvania WW Inc.	-1,452,342.96
5500	2113616	2113616 A/P - 5582 - Aqua Resources Inc.	0
5500	2113619	2113619 A/P - 5600 - Aqua Texas	0
5500	2113621	2113621 A/P - 5700 - Aqua Indiana	0
5500	2113624	2113624 A/P - 5800 -Aqua Illinois, Inc.	-774.95
		Total Accts Payable - Affiliate	-93,361,712.39
		Construction A/P Trade	
****	2111912	2111912 Accts Pay-Construction	-3,779,807.14
		Total Construction A/P Trade	-3,779,807.14
		Accts Payable - Overdraft	
5500	2111900	2111900 Cash - Manual - Reclass	131.1
		Total Accts Payable - Overdraft	131.1
		Accr Inc Taxes - Federal	
****	2132011	2132011 Accrued Federal Income Tax - Current Year	158,934.47
		Total Accr Inc Taxes - Federal	158,934.47
		Accr Inc Taxes - State	
****	2133120	2133120 Accrued State Income Tax - Other-Curr Yr - WT/WW	3,067,880.30

		Total Accr Inc Taxes - State	3,067,880.30
		Accr Taxes - Other	
5500	2115115	2115115 Local Excise Tax - AQUA	115.43
****	2115210	2115210 Sales Taxes Payable - State	17,478.49
5500	2115310	2115310 Withholding Taxes Payable - Vendor	-7,935.32
		Total Accr Taxes - Other	9,658.60
		Accrued Interest	
****	2121015	2121015 Interest Accrued - Long-Term Debt-WT/WW	-25,843,136.51
5500	2121020	2121020 Interest Accrued - Short-Term Debt	-132,726.27
5500	2129040	2129040 Interest Accrued - Miscellaneous	-806,779.00
		Total Accrued Interest	-26,782,641.78
		Other Accrued Expense	
5500	2112085	2112085 Retiree Flexible Spending	9,180.52
5500	2141050	2141050 Accrued Payroll	-2,089,218.67
5500	2141200	2141200 Accrued Annual Incentive	-1,503,320.00
5500	2141620	2141620 Employee Profit Sharing	-1,186,278.51
5500	2190010	2190010 Lease Obligation - Current	-241,349.00
5500	2191600	2191600 Appropriated Funds - Other	-106,359.64
5500	2199411	2199411 Deferred Revenue-Antenna Leases	-879,556.29
****	2199615	2199615 Accrued Liab-Audit Fees	-321,547.08
5500	2199645	2199645 Accrued Liab-COVID Relief Fund	-1,281.06
****	2199900	2199900 Misc C&A Liabilities	-2,592,485.03
		Total Other Accrued Expense	-8,912,214.76
		TOTAL CURRENT LIABILITIES	-207,704,256.18
		NONCURRENT LIABILITIES	
		Cust Advances for Construction	
****	2199050	2199050 CAC-WIP Non Cash	-79,050,469.71
****	2199060	2199060 CAC-WIP Cash	7,232,934.19
****	2199065	2199065 CAC-WIP Closing	71,817,535.52
****	2199070	2199070 Adv Cust-Cash Other	-148,477.00
****	2199075	2199075 CAC-Non Unitized	-62,746,489.35
****	2199085	2199085 Adv Cust-Non Cash Dedicated Pr	-3,562,614.00
		Total Cust Advances for Constr.	-66,457,580.35

		Long Term Deferred - FIT	
****	1261010	1261010 Accumulated Deferred FIT Asset - Non-Current	10,014,221.54
****	1261020	1261020 Accumulated Deferred FIT Asset - Excess Gross UPNC	54,856,543.87
****	2210010	2210010 Accum Defd Plant Federal Income Tax Liab-Noncurr	-599,700,150.71
****	2210020	2210020 Accum Defd Other Federal Income Tax Liab-Noncurr	-269,982,348.28
		Total Long Term Deferred - FIT	-804,811,733.58
		Long Term Deferred - SIT	
****	1262010	1262010 Accumulated Deferred SIT Asset - Non-Current	43,372,314.22
****	2211010	2211010 Accum Defd Plant State Income Tax Liab-Noncurr	-285,116,103.13
****	2211020	2211020 Accum Defd Other State Income Tax Liab-Noncurr	57,990,841.63
		Total Long Term Deferred - SIT	-183,752,947.28
		Unamortized ITC	
5500	2212010	2212010 Deferred Taxes-Unam Fed ITC	-3,005,466.51
		Total Unamortized ITC	-3,005,466.51
		Regulatory Liability	
5500	2220100	2220100 Reg Liab - FAS109 - NonCurrent	-13,186,226.29
****	2220110	2220110 Reg Liab - Excess Deferred Income Tax - NonCurrent	-143,963,500.67
****	2220120	2220120 Reg Liab - Excess DIT - Gross Up NC	-53,978,108.92
****	2220170	2220170 Reg Liab - 481a Benefit	-38,427,512.24
5500	2220225	2220225 Reg Liability - OPEB Tracker	-1,855,803.14
5500	2220330	2220330 Reg Liab-Pension/OPEB	-127,580,764.11
		Total Regulatory Liability	-378,991,915.37
		Non-Current Operating Leases	
5500	2290020	2290020 Lease Obligation - Noncurrent	-7,501,635.31
		Total Non-Current Operating Leases	-7,501,635.31
5500	2291508	2291508 Noncurrent Liab-Pension Benefit Obligation	126,400,866.14
5500	2291518	2291518 OPEB Liability - Essential - Non Current	-9,491,588.71
5500	2291530	2291530 NQ Pension Liability - Non Current	-313,227.48
		Total Pension and OPEB Liabilities	116,596,049.95
		Other (NC Liab)	
5500	2291120	2291120 Uncertain Tax Position Reserve-State	-1,144,369.39
5500	2299180	2299180 Accrued FIN 48 Income Tax - Long - Term	-4,105,256.10
		Total Other (NC Liab)	-5,249,625.49

		NONCURRENT LIABILITIES SUBTOTAL	-1,333,174,853.94
		CIAC -NET	
		CONTRIB IN AID OF CONSTR.	
****	2292000	2292000 CIAC-WIP Non Cash	-1,875,733.29
****	2292010	2292010 CIAC-WIP Cash	-2,706,690.85
****	2292020	2292020 CIAC-WIP Closing	-83,925.11
****	2292030	2292030 CIAC-Unitized	-259,917,398.54
		Total Contrib in Aid of Constr.	-264,583,747.79
****	2292100	2292100 Accum Amort of CIAC	72,221,421.49
			72,221,421.49
		Total CIAC -NET	-192,362,326.30
		TOTAL LIABILITIES & CAPITAL	-7,023,175,712.41
			0
			5,266,964,442.07

