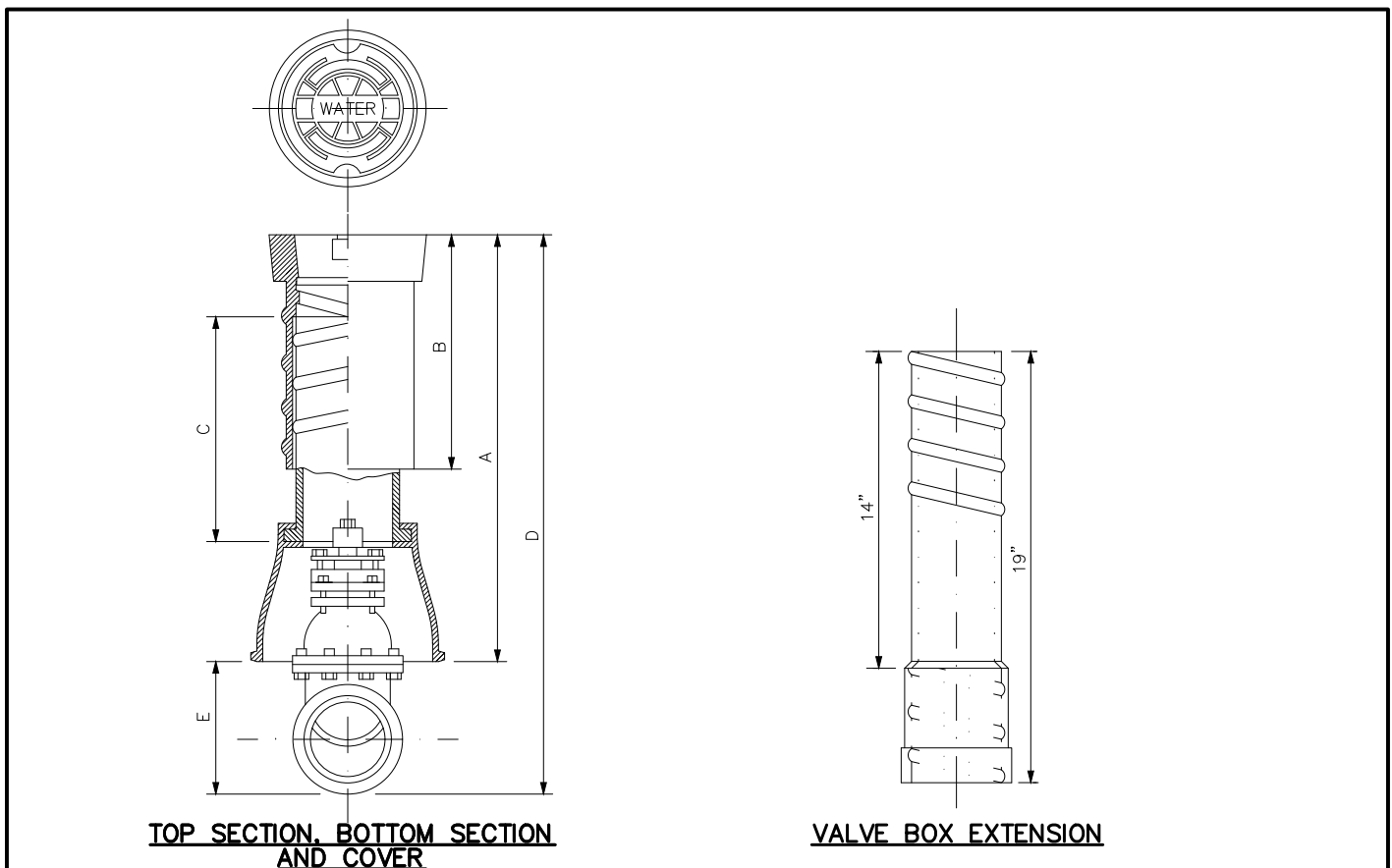


- NOTES:
- Tapping sleeve and tapping gate to be installed on water main by the contractor. PWSA will make the actual tap.
  - Tapping machine to be mounted and operated by PWSA.
  - Excavation and shoring required as per current OSHA standards.
  - Contractor must supply equipment to lower tapping machine in to trench.
  - All valves must be "right turn to open".

REVISIONS	<b>PGH<sub>2</sub>O</b>	The Pittsburgh Water and Sewer Authority
	Pittsburgh Water & Sewer Authority	Trench Requirements For 4" Through 12" Live Water Tap
Approved by:	Scale: N.T.S.	Supplemental Detail Drawing: <b>WS-B</b>



SIZE NO.	EXTENSION RANGE - A	TOP SECTION & COVER NO.	TOP SECTION DIM. B	TOP SECTION WEIGHT	BOTTOM SECTION NO.	BOTTOM SECTION DIM. C	BOTTOM SECTION WEIGHT	No. 6 BASE WT.	TOTAL WEIGHT
I	21" - 27"	74	9.00	58.5	80	8.00	14.0	45.0	117.50
J	27" - 39"	75	15.25	81.5	81	14.00	24.5	45.0	151.00
K	33" - 45"	75	15.25	81.5	82	20.00	30.0	45.0	156.50
L	39" - 51"	75	15.25	81.5	83	26.25	41.0	45.0	167.50
M	45" - 60"	76	26.00	111.0	83	26.25	41.0	45.0	197.00

TABLE FOR DETERMINING LENGTH OF BOX NEEDED

SIZE OF VALVE	BOTTOM BASE TO BOTTOM TRENCH (DIM. E)	No. BASE USED	DEPTH OF TRENCH (DIM. D)								
			36"	42"	48"	54"	60"	66"	72"	78"	84"
3"	6"	4	I	I	J	K	L	L	L*	L*	O*
4"	13-1/2"	4	I	I	J	J	K	L	L	L*	L*
6"	15"	6	I	I	J	J	K	L	L	L*	L*
8"	19"	6	I	I	J	J	K	L	L	L	L
10"	24"	6	I	I	I	K	K	L	L	L	L
12"	31"	160			I	I	J	K	K	L	L
14"	36-1/2"	160			I	I	J	J	K	K	L
16"	41-1/4"	160			I	I	I	J	J	K	L

- \* LONGER BOXES MADE BY ADDING EXTENSIONS TO SIZE L. FOR VALVE CLOSER TO SURFACE, USE NO. 140 ROUND BASE AND REDUCE LENGTH SHOWN ABOVE BY 6 INCHES.
- NOTES:
- MEDIUM EXTENSION GATE VALVE BOX SHALL BE BINGHAM & TAYLOR No. 5001, OR APPROVED EQUAL.
  - MADE OF CAST IRON, SCREW TYPE, 3-PIECE BOX w/ LID AND #6 BASE, 7" DIAMETER SHAFT.
  - LABELLED "WATER" ON THE COVER.

REVISIONS	<b>PGH<sub>2</sub>O</b>	The Pittsburgh Water and Sewer Authority
	Pittsburgh Water & Sewer Authority	Valve Box (Medium Extension Gate Box)
Approved by:	Scale: N.T.S.	Supplemental Detail Drawing: <b>WVB</b>

**THE PITTSBURGH WATER & SEWER AUTHORITY**

**APPROVAL FOR:**

- NEW WATER TAP, BACKFLOW PREVENTOR, AND METER INSTALLATION
- NEW SANITARY AND/OR STORM SEWER TAP
- INCREASE IN FLOW AT EXISTING SEWER AND/OR WATER CONNECTION
- SEWER TAP TERMINATION
- WATER TAP TERMINATION
- EXTENDED FACILITIES
- RELOCATION OF FACILITIES

**\* DISCLAIMER**

Signatures / Approval by PWSA are for the physical connection(s) to the water and/or sewer system only.

Responsibility for the design and work depicted by the drawings, including the flow design for the facilities, is by the project Professional Engineer shown by the seal and signature affixed to the drawing. The PWSA does not represent or warrant that the water supply to the facilities is sufficient to support the design demands.

PWSA Project Reviewer certifies that he/she has reviewed the above noted document(s) in accordance with the Authority's established rules and regulations. Based on this review, approval is hereby recommended.

Project Coordinator / Project Management Engineer / Reviewer	Date
<b>APPROVAL</b>	
Chief of Operations	Date
Director of Engineering and Construction	Date



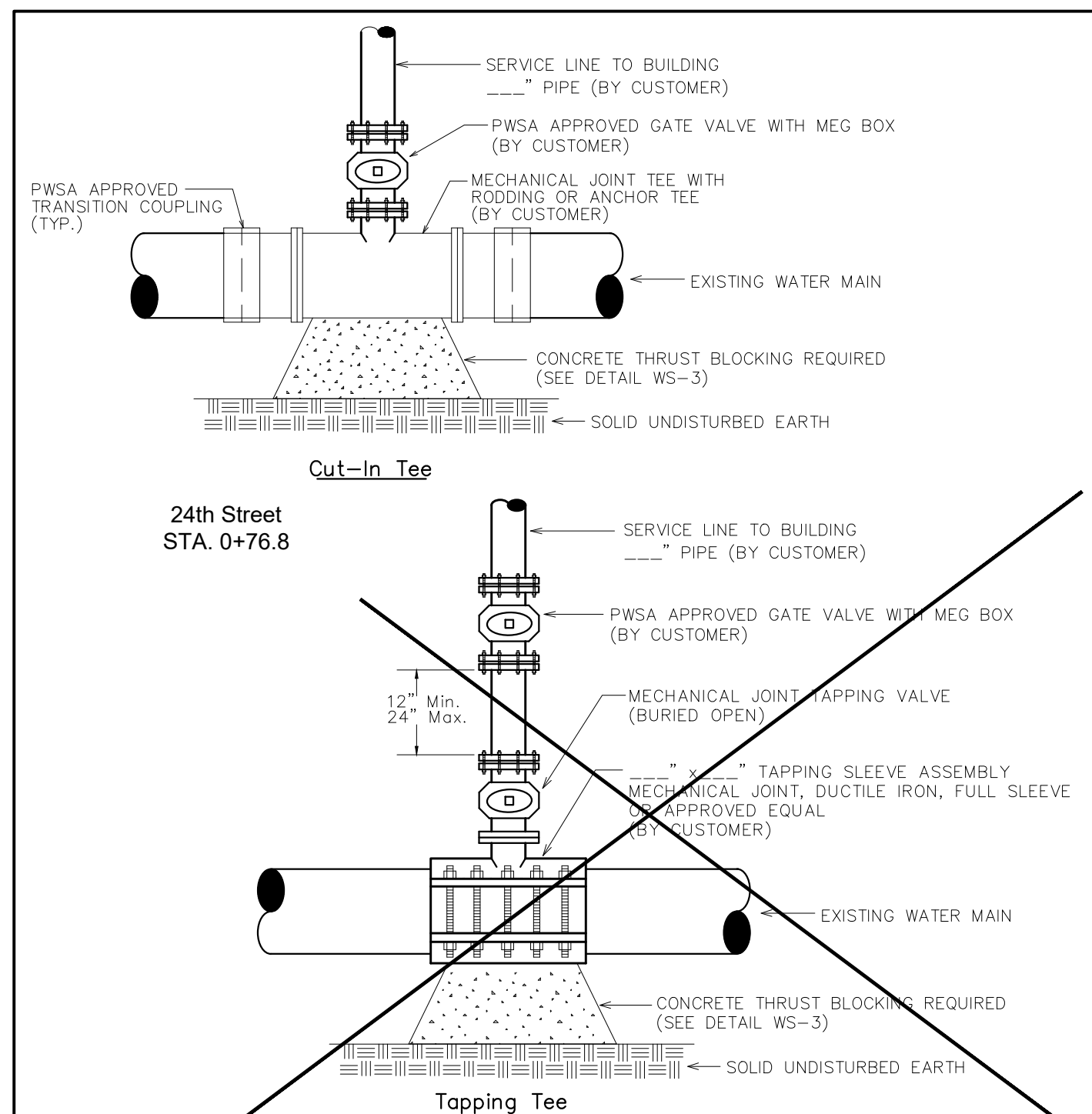
Pennsylvania One Call System, Inc.  
Call 3 Business Days Before You Dig!  
1-800-242-1776 or 8-1-1  
POCS Serial NO. : XX  
Date: XX



CONTRACTORS ARE REQUIRED TO NOTIFY THE FACILITY OWNERS NOT LESS THAN THREE (3) NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO EXCAVATION OR DEMOLITION WORK WHEN USING POWERED EQUIPMENT ON PUBLIC OR PRIVATE PROPERTY ANYWHERE IN THE COMMONWEALTH. CONTRACTORS ARE RESPONSIBLE FOR PRESERVING THE FACILITY OWNER MARKINGS, TO EXERCISE DUE CARE AND EMPLOY PRUDENT TECHNIQUES WITHIN THE TOLERANCE ZONE. CONTRACTORS SHOULD KEEP EACH OPERATOR AT THE SITE INFORMED AND EVALUATE THE PREMISES IF NECESSARY. NOTIFICATION SHOULD BE MADE THROUGH THE PENNSYLVANIA ONE-CALL SYSTEM (1-800-242-1776 or 8-1-1).

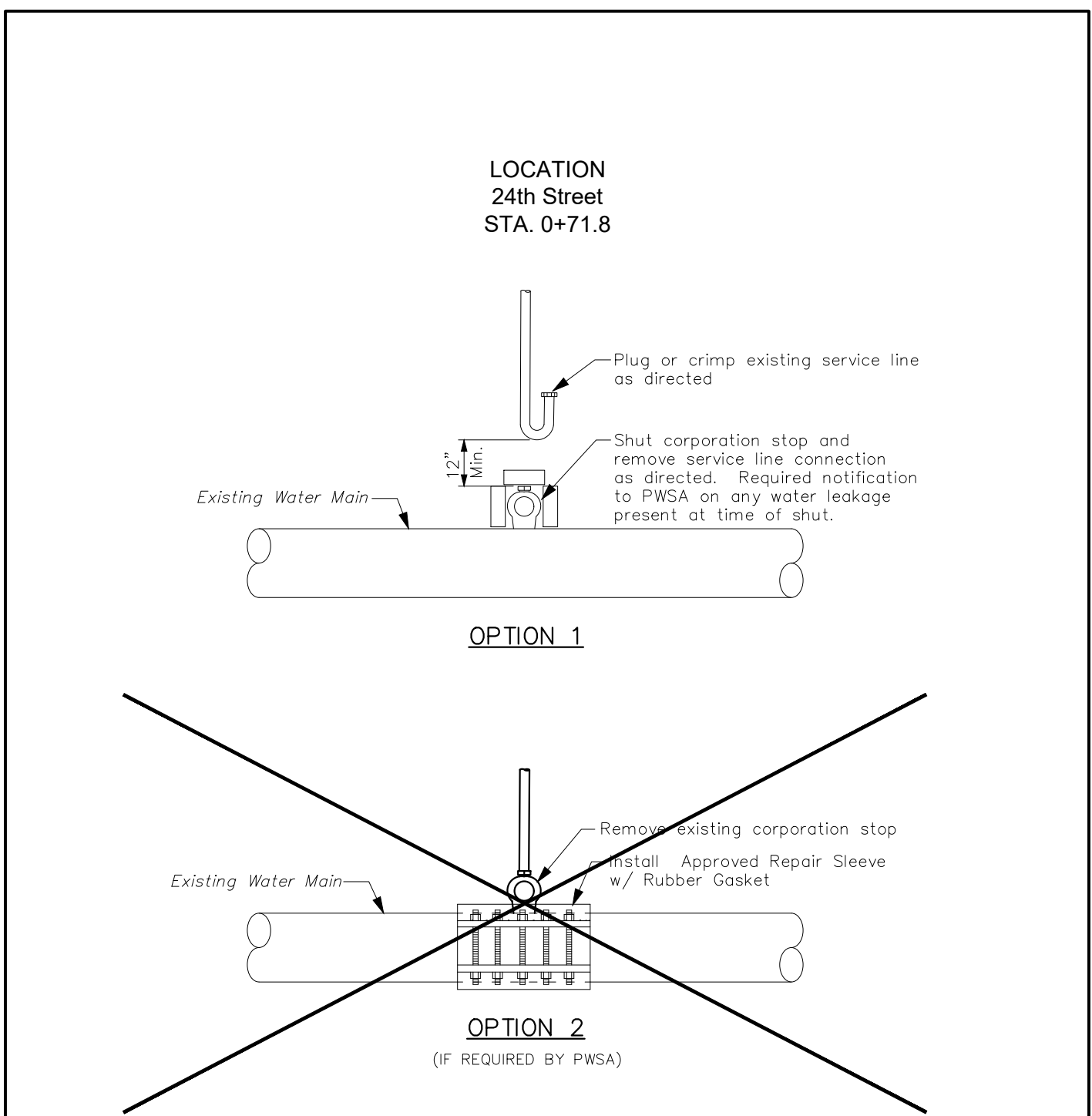
**NOTES:**

- LOCATION OF UNDERGROUND UTILITIES ARE NOT SHOWN AND / OR ARE UNKNOWN. CONTRACTOR TO MAKE PA - 1 CALL IN ACCORDANCE WITH PA ACT 287 OF 1974 AS AMENDED BY ACT 121 OF 2008 73 P.S. SEC. 176 et. seq. PRIOR TO ANY EXCAVATION.
- CONTRACTOR TO AVOID DAMAGE TO ALL UTILITIES. REPAIR CONSTRUCTION RELATED DAMAGE TO THE SATISFACTION OF THE UTILITY OWNER AT NO ADDITIONAL COST.



- NOTES:
- PWSA PERFORMS ACTUAL TAP TO MAIN ONLY AND MAINTAINS METER; ALL OTHER WORK BY CUSTOMER.
  - TAPPING TEE SHALL BE FULL SLEEVE; SADDLE STYLE NOT PERMITTED.
  - CUT-IN TEE CONNECTION ALSO ACCEPTABLE AND IS REQUIRED FOR SIZE ON SIZE (e.g. 8" TAP ON 8" MAIN).
  - CENTERING OF TAPPING TEE CONNECTION SHALL BE 18" MINIMUM FROM EXISTING WATER MAIN BELL/HUB OR OTHER EXISTING SERVICE CONNECTIONS.
  - ALL VALVES MUST BE "RIGHT TURN TO OPEN".
  - PRIVATE SERVICE LINE MATERIAL AND EQUIPMENT SHALL CONFORM TO ALLEGHENY COUNTY PLUMBING CODE, ARTICLE XV.
  - MJM/T TAPPING SLEEVE MAY BE SUBMITTED TO PWSA FOR AN APPROVED OPTION.

REVISIONS	<b>PGH<sub>2</sub>O</b>	The Pittsburgh Water and Sewer Authority
	Pittsburgh Water & Sewer Authority	Cut-In Tee And Tapping Tee
Approved by:	Scale: N.T.S.	Supplemental Detail Drawing: <b>WS-CTT</b>



- NOTES:
- OPTION 2 REQUIRES MAIN LINE SHUT; THIS WOULD BE ADDITIONAL PWSA CHARGE.
  - TERMINATION OPTION FROM ABOVE AS DIRECTED BY THE PWSA.

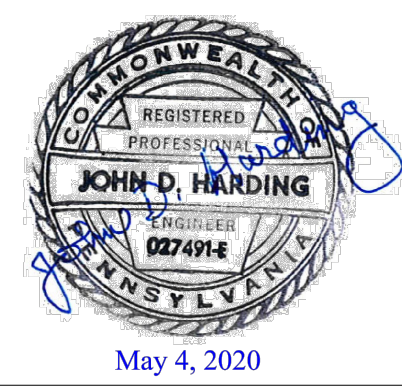
REVISIONS	<b>PGH<sub>2</sub>O</b>	The Pittsburgh Water and Sewer Authority
	Pittsburgh Water & Sewer Authority	Typical Water Tap Service Termination For 2" And Smaller Connection
Approved by:	Scale: N.T.S.	Supplemental Detail Drawing: <b>WS-ST5</b>

PARCEL ACREAGE: 0.33 ac  
LOT AND BLOCK NOS: 25-N-40  
EXISTING COLLECTION SYSTEM: 24th ST./SPRUCE WAY  
INTERCEPTOR NAME: 24th ST.  
TREATMENT FACILITY: ALCOSAN

PITTSBURGH DISTILLING COMPANY

WATER LINE REPLACEMENT

2401 SMALLMAN STREET  
PITTSBURGH, PA 15222



SCALE: AS NOTED SHEET ACCESSION NO. \_\_\_\_\_

DATE: MAY 4, 2020 3 OF 3 CASE NO. \_\_\_\_\_

DRAWN BY: TPM/GJA CHECKED BY: JDH