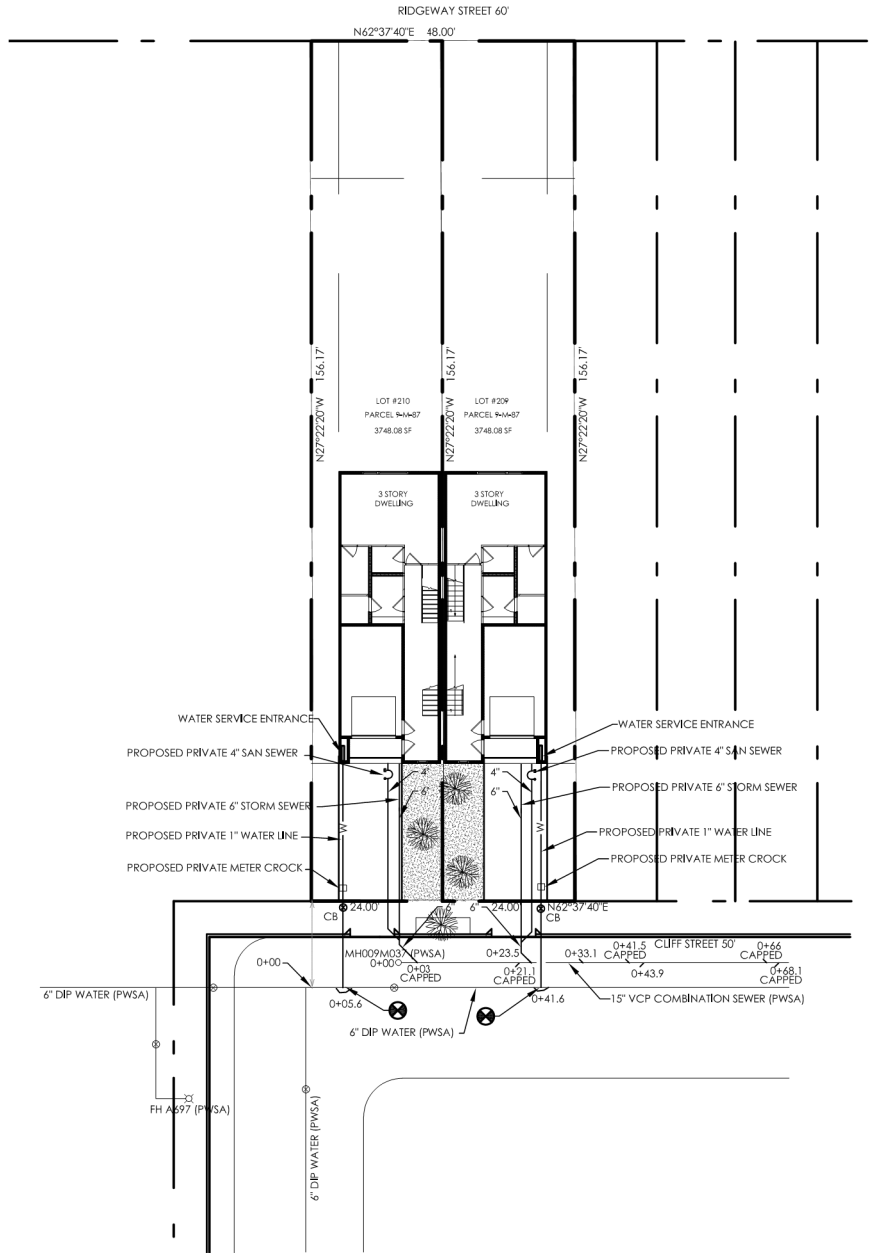


PROJECT NORTH

SITE PLAN

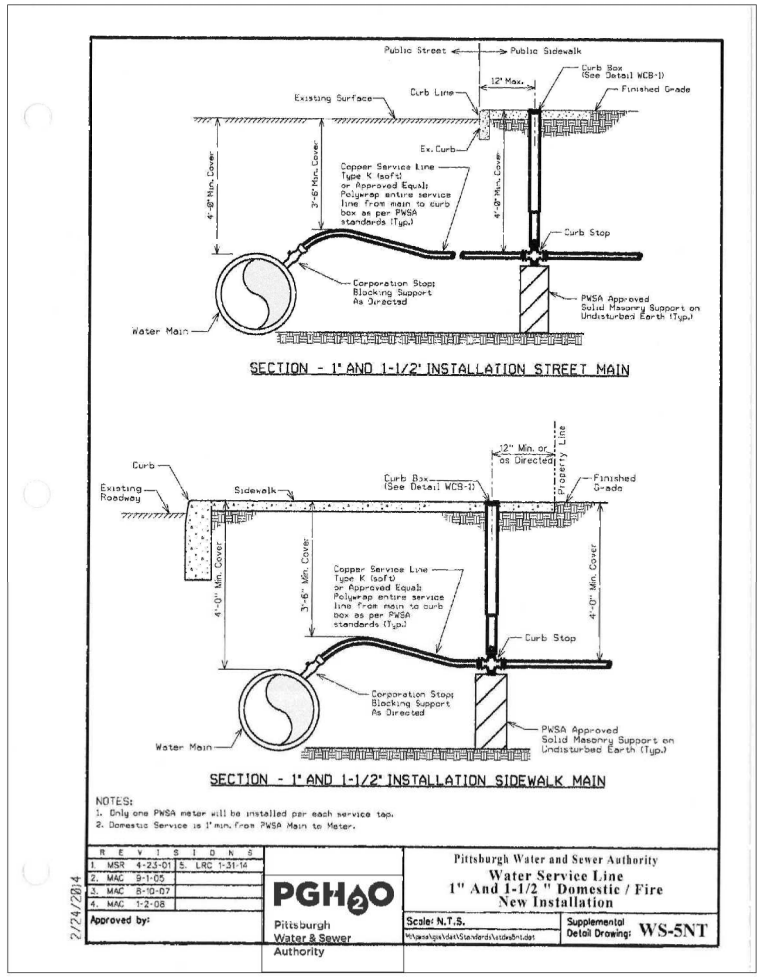
SCALE: 1" = 10'

0 5 10 20 feet

SCALE: 1"=10'

PLUMBING SYMBOLS AND LEGEND:

SAN	SANITARY PIPING
W	WATER PIPING
F	FIRE WATER PIPING
	TERMINATED WATER LINE
	EXISTING WATER OR SAN PIPING
	CURB VALVE
	NEW CONNECTION



PEAK OPERATING WATER DEMANDS

To be completed by the Applicant:

METER INFORMATION					DOMESTIC SYSTEM		FIRE SYSTEM	
I.D.	QUANTITY	SIZE	TYPE	USE	FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI
A	2	5/8"	POSITIVE DISPLACEMENT	DOMESTIC	14		---	---
B								
C								
D								
E								

METER SIZE: 5/8", 5/8"x3/4", 3/4", 1", 2", 3", 4", 6", 8", 10", 12", 16"

METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE

METER USE: DOMESTIC, FIRE, COMBINATION

PEAK DAILY SANITARY FLOW DEMANDS

To be completed by the Applicant:

PROJECT FLOW, GPD	807
EXISTING FLOW, GPD	0
NET FLOW, GPD	807
DEP SFPM APPROVAL DATE (If required)	

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK

To be completed by the Applicant:

(Check all that apply)

- X NEW WATER CONNECTION(S)
- X NEW SEWER CONNECTION(S)
- ____ REUSE EXISTING WATER CONNECTION(S)
- ____ REUSE EXISTING SEWER CONNECTION(S)
- ____ TERMINATE EXISTING WATER CONNECTION(S)
- ____ TERMINATE EXISTING SEWER CONNECTION(S)
- ____ PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:

(Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

DIRECTOR OF OPERATIONS

(Required for "Private Construction of Public Facilities" ONLY)

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

PWSA PROJECT NUMBER _____

TAP C RECORD NUMBER _____

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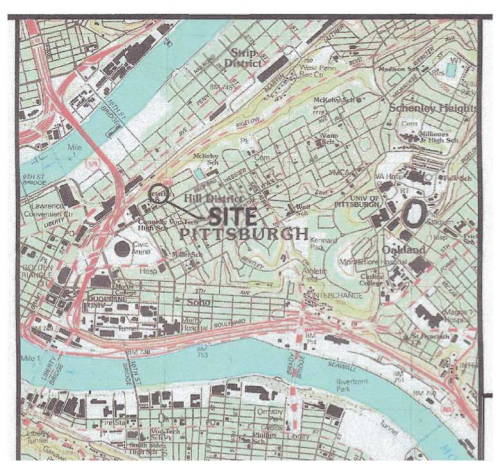


LOCATION MAP

NO SCALE

PA ONE CALL SERIAL #: 20212011590

REGISTERED PROFESSIONAL ENGINEER JONATHAN C. IAMS 054899-E COMMONWEALTH OF PENNSYLVANIA

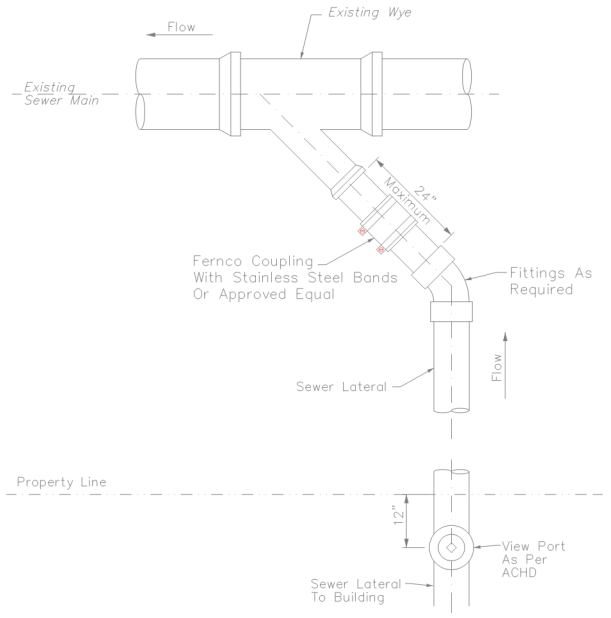
Iams Consulting, LLC
ENGINEERING ENVIRONMENTS
333 East Carson Street
Suite 323
Pittsburgh, PA 15219
Ph: 412.697.3590
Fax: 412.697.3591
www.iamsconsulting.com

CLIFF STREET RESIDENCES

1709 & 1711 CLIFF STREET
PITTSBURGH, PA 15219

SCALE: 1"=10' SHEET 1 OF 2 ACCESSION NO. C-____

DATE: 11/16/2022 CASE NO. _____



PLAN VIEW

R E V I S I O N S									

$DATE$

Approved by:

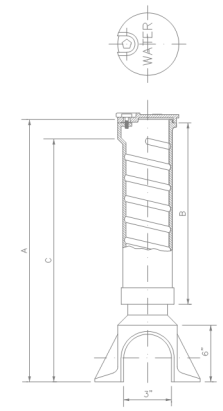
PGH2O Pittsburgh Water & Sewer Authority

The Pittsburgh Water and Sewer Authority

Sewer Tap To Existing Sewer Wye

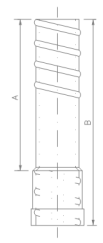
Scale: N.T.S. | Supplemental Detail Drawing: ST-2

$FILENAME$



TOP SECTION, BOTTOM SECTION AND COVER

SIZE NO.	EXTENSION RANGE – A	TOP SECTION & COVER			BOTTOM SECTION			TOTAL
		NO.	WEIGHT	DIM. B	NO.	WEIGHT	DIM. C	WEIGHT
2	24" – 39"	9	19.6	18	2	14.1	23.0	32.7



SERVICE BOX EXTENSION

SIZE NO.	INCREASES LENGTH–A	OVERALL LENGTH–B	WEIGHT
155	20	22.75	13.1
156	24	26.75	17.7

NOTES:

1. SERVICE BOX SHALL BE BINGHAM & TAYLOR BUFFALO STYLE (3" OLD STYLE), No. 4930 OR APPROVED EQUAL.
2. DIMENSIONS IN INCHES; WEIGHT IN POUNDS.
3. LABELED "WATER" ON THE COVER.

R E V I S I O N S									

Approved by:

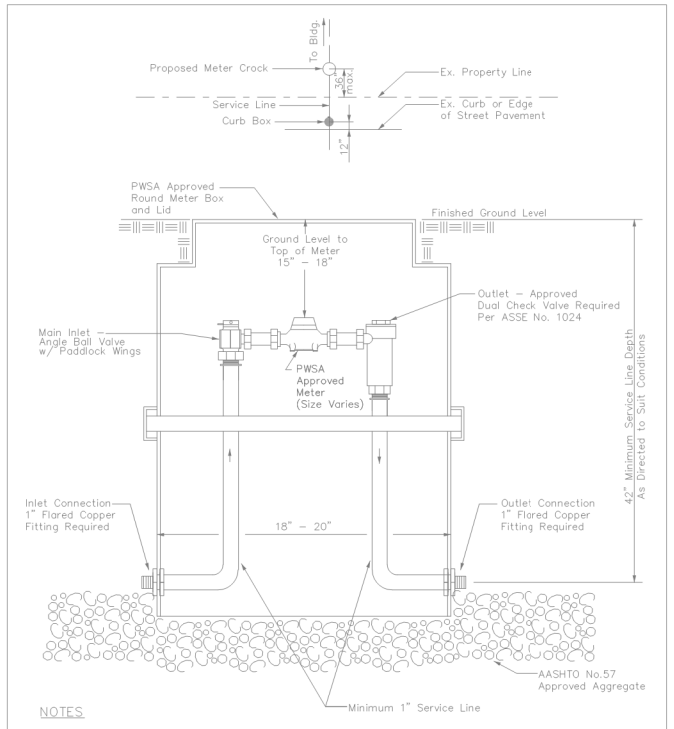
PGH2O Pittsburgh Water & Sewer Authority

The Pittsburgh Water and Sewer Authority

3" Curb Service Box

Scale: N.T.S. | Supplemental Detail Drawing: WCB-1

$FILENAME$



NOTES

1. METER SETTING ASSEMBLY MUST BE FORD, OR EQUAL, COPPERSETTER WITH DUAL CHECK VALVE OR APPROVED EQUAL PER ASSE No. 1024, COMPLETE WITH MXU.
2. METER BOX SETTING AND PIPE ASSEMBLY TO BE CONSTRUCTED BY THE PROPERTY OWNER. THE PWSA IS ONLY RESPONSIBLE FOR THE METER AND MXU READING DEVICE. THE PROPERTY OWNER IS RESPONSIBLE FOR ALL OTHER ITEMS, INCLUDING PROTECTING THE PWSA METER AND MXU FROM ABUSE AND/OR FREEZING.
3. METER CROCK BASE TO REMAIN OPEN TO BASE MATERIAL, DO NOT SEAL.

R E V I S I O N S									

Approved by:

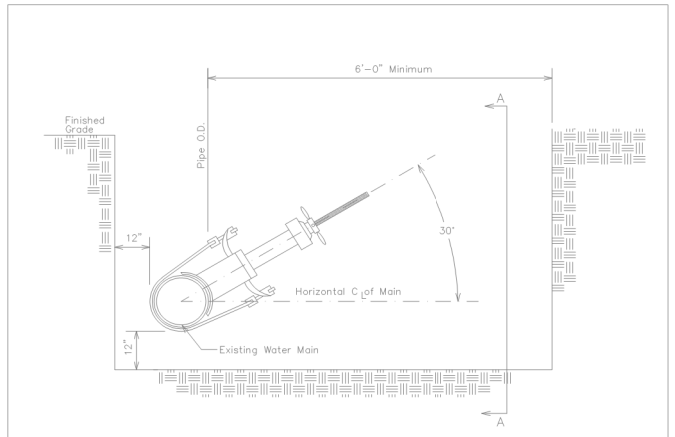
PGH2O Pittsburgh Water & Sewer Authority

The Pittsburgh Water and Sewer Authority

Residential Domestic Service External Setting 5/8" - 1" Meter

Scale: N.T.S. | Supplemental Detail Drawing: WS-5MPR

$FILENAME$



SECTION A–A

NOTE:

1. PWSA will make the actual tap.
2. Excavation and shoring required as per current OSHA standards.

R E V I S I O N S									

Approved by:

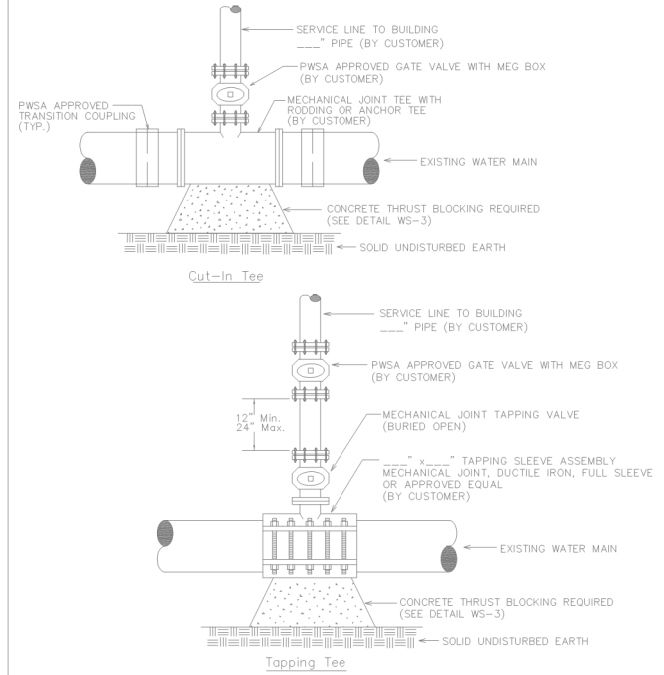
PGH2O Pittsburgh Water & Sewer Authority

The Pittsburgh Water and Sewer Authority

Trench Requirements For 1", 1-1/2 " And 2" Water Service Tap

Scale: N.T.S. | Supplemental Detail Drawing: WS-C

$FILENAME$



Cut–In Tee

Tapping Tee

NOTES:

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

R E V I S I O N S									

$DATE$

Approved by:

PGH2O Pittsburgh Water & Sewer Authority

The Pittsburgh Water and Sewer Authority

Cut-In Tee And Tapping Tee

Scale: N.T.S. | Supplemental Detail Drawing: WS-CTT

$FILENAME$

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK

To be completed by the Applicant:

(Check all that apply)

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL JONATHAN C. IAMS ENGINEER 054899-E

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CLIFF STREET RESIDENCES

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SCALE: 1"=10' SHEET ACCESSION NO. C-____
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