

MAY 31, 2023

CONTRACT NO. 1783

SITE DEMOLITION CONTRACT

ADDENDUM NO. 2

Members of the Board

Sylvia C. Wilson
Chair Person

Shannah Tharp-Gilliam, Ph.D.
Harry Readshaw
Emily Kinkead
Paul Klein
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Darrin Kelly

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Environmental Compliance*

Kimberly N. Kennedy, P.E.
*Director
Engineering & Construction*

Karen Fantoni, CPA, CGMA
*Director
Finance*

Michael Lichte, P.E.
*Director
Regional Conveyance*

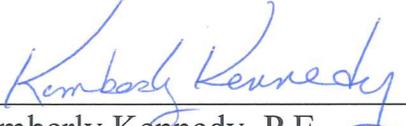
Jeanne K. Clark
*Director
Governmental Affairs*

Julie Motley-Williams
*Director
Administration*

All bidders bidding Contract No. 1783 shall read and take note of this Addendum No. 2. The Contract Documents for **Contract No. 1783 – Site Demolition Contract** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1783; Addendum No. 2

The Acknowledgement attached to Addendum No. 2 is to be signed and returned immediately via email to Kathleen P. Uniatowski at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.



Kimberly Kennedy, P.E.
Director of Engineering and Construction

**ACKNOWLEDGEMENT OF
CONTRACT NO. 1783 SITE DEMOLITION CONTRACT**

ADDENDUM NUMBER 2

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

MAY 31, 2023

CONTRACT NO. 1783

SITE DEMOLITION CONTRACT

ADDENDUM NO. 2

MAY 31, 2023

CONTRACT NO. 1783

SITE DEMOLITION CONTRACT

ADDENDUM NO. 2

A. Contract Drawings

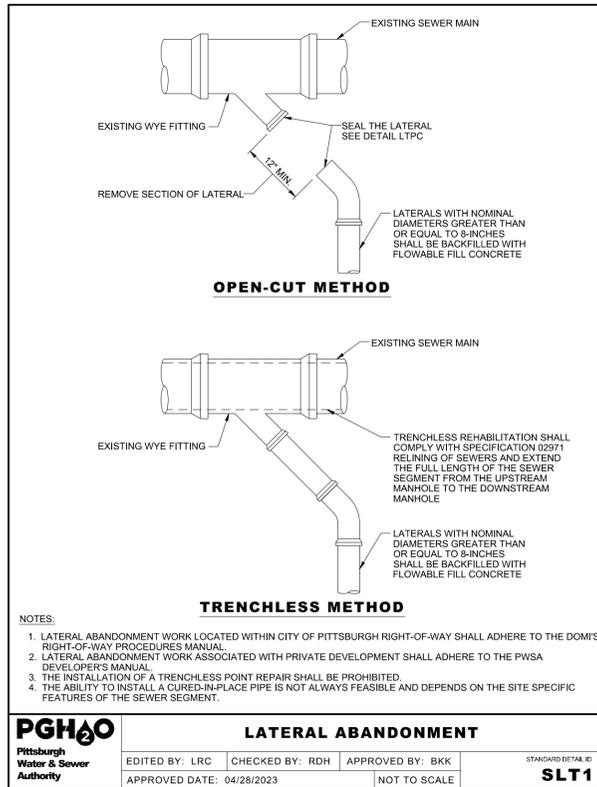
1. Updated Pittsburgh Water & Sewer Authority tap termination details and plan sheets to be replaced in their entirety.

Attachments:

Sheets 000-DM-05 (5 of 25), O41-DM-101 (9 of 25) & O14-DM-201 (20 of 25).

*** * * * END OF ADDENDUM NO. 2 * * * ***

FILE NAME: C:\Users\MOL-102938\Documents\Mott MacDonald\507105621 - ALCOSAN Ohio River Tunnel Design - T&M Project Files\7 - PRELIM DEMO\02-Civil - 000-DM-05 - LAST SAVED BY: MOL-102938 - PLOT DATE: 5/11/2023 2:15:55 PM

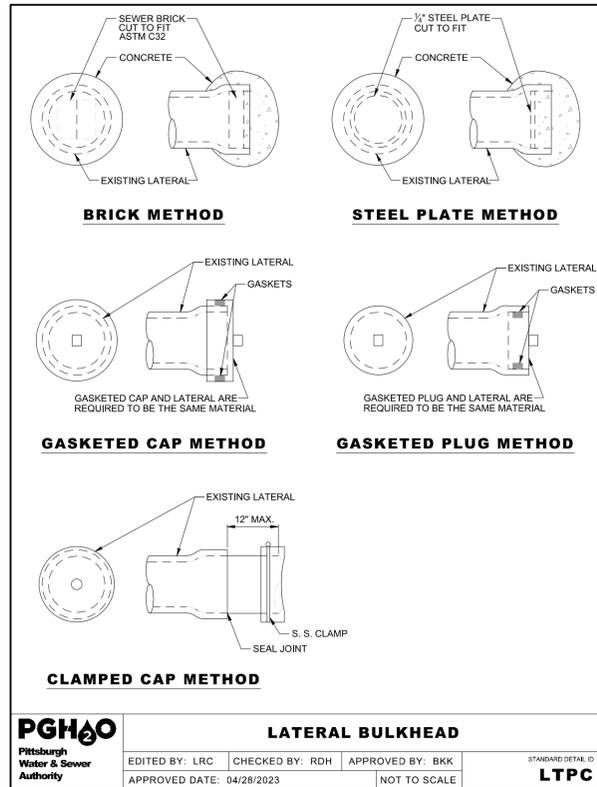


PGH20 The Pittsburgh Water and Sewer Authority

LATERAL ABANDONMENT

EDITED BY: LRC CHECKED BY: RDH APPROVED BY: BKK STANDARD DETAIL ID: **SLT1**

APPROVED DATE: 04/28/2023 NOT TO SCALE

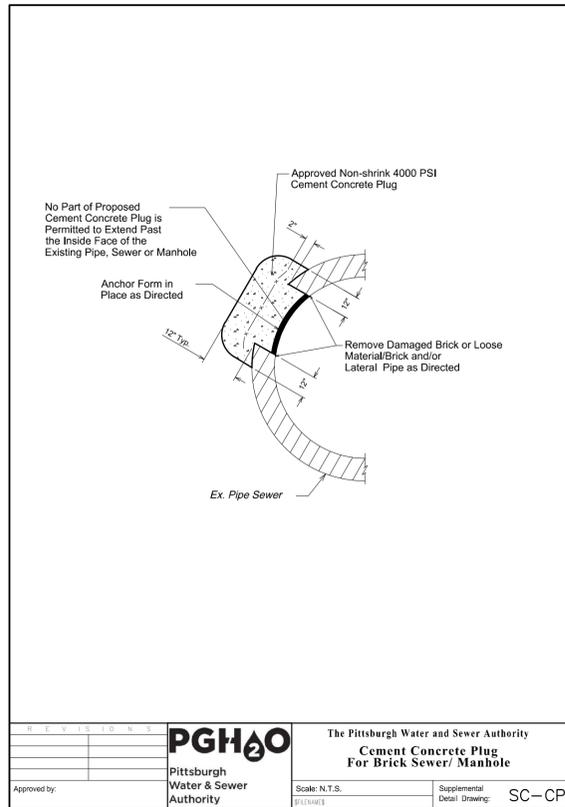


PGH20 The Pittsburgh Water and Sewer Authority

LATERAL BULKHEAD

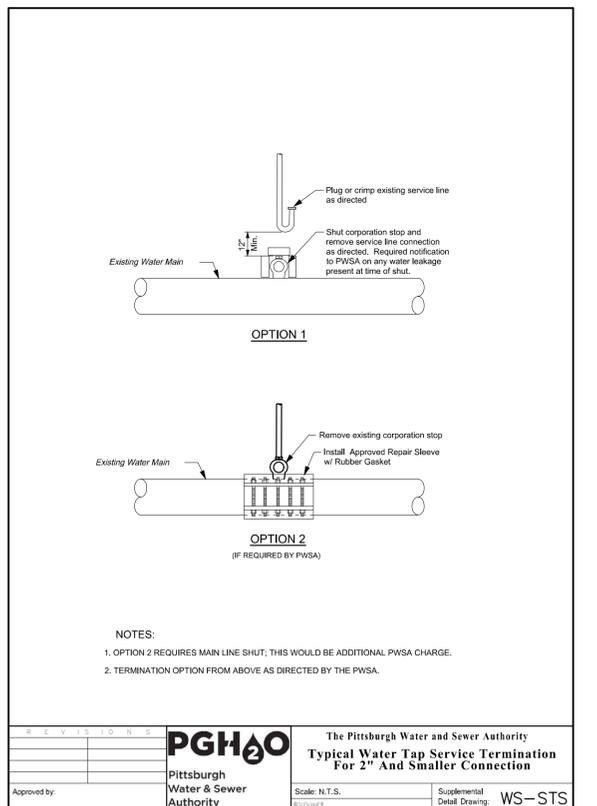
EDITED BY: LRC CHECKED BY: RDH APPROVED BY: BKK STANDARD DETAIL ID: **LTPC**

APPROVED DATE: 04/28/2023 NOT TO SCALE



NOTES:

- DUCTILE IRON TRANSITION COUPLINGS SHALL BE EQUAL TO OR EXCEED THE FOLLOWING:
 - CENTER RING: DUCTILE IRON MEETING OR EXCEEDING THE LATEST REVISION OF ASTM A-536.
 - GASKETS: NATURAL OR SYNTHETIC RUBBER COMPOUNDED FOR POTABLE WATER SERVICE.
 - END RINGS: DUCTILE IRON MEETING OR EXCEEDING THE LATEST REVISION OF ASTM A-536.
 - BOLTS AND NUTS: HIGH STRENGTH STEEL TRACK HEAD, NATURAL COURSE ROLL THREAD WITH HEAVY HEX NUTS, ELECTRO-GALVANIZED WITH DI-CHROMATE SEAL.
- DUCTILE IRON PIPE SHALL BE EQUAL TO OR EXCEED THE FOLLOWING:
 - BITUMINOUS OUTSIDE COATING: AWWA C151.
 - POLYETHYLENE ENCASEMENT: AWWA C105.
 - CLASS: AWWA C151, CLASS 52 MINIMUM.
 - ZINC COATING CONFORMING TO AWWA C150 AND C151. ASPHALTIC TOP-COAT SHALL BE APPLIED THE MEAN DRY FILM THICKNESS SHALL BE GREATER THAN OR EQUAL TO 3 MILS.
- WATER AND SEWER TERMINATION MATERIALS, PRODUCTS, AND METHODS OF TERMINATION ARE TO BE SUBMITTED TO OWNER FOR REVIEW AND APPROVAL PRIOR TO WORK.
- PRESSURE TESTING AND DISINFECTION OF WATERLINE ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM IN ACCORDANCE WITH PWSA STANDARDS. CONTRACTOR TO COORDINATE ALL TESTING AND DISINFECTION WITH PWSA OPERATIONS.

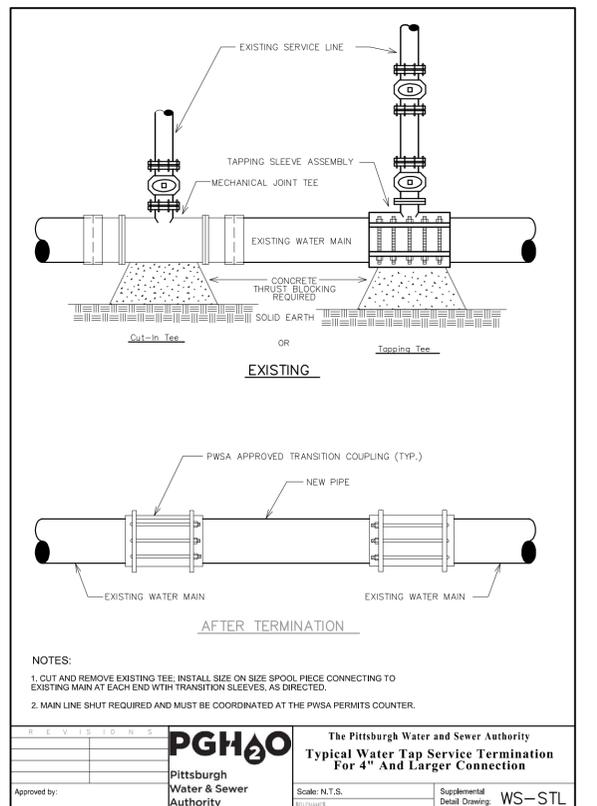


PGH20 The Pittsburgh Water and Sewer Authority

Typical Water Tap Service Termination For 2" And Smaller Connection

Approved by: _____

Scale: N.T.S. Supplemental Detail Drawing: **WS-ST5**



PGH20 The Pittsburgh Water and Sewer Authority

Typical Water Tap Service Termination For 4" And Larger Connection

Approved by: _____

Scale: N.T.S. Supplemental Detail Drawing: **WS-STL**

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK

To be completed by the Applicant and provided on each sheet within the plan set:

(Check all that apply)

NEW WATER CONNECTION(S)

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)

Shannon Connell
2023.05.25
10:31:51 -04'00'

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

Robert Herring
2023.05.25
10:50:21 -04'00'

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

B.J. McFadin
Director of Operations

DIRECTOR OF OPERATIONS

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

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

PWSA PROJECT NUMBER **DEV-252-0323**

TAP C RECORD NUMBER **C3071**

The PWSA approval was based on information provided by others under the assumption that this information was accurate and complete. Please refer to the PWSA Developer's Manual for detailed information on the regulations and procedures for obtaining water and sewer service.

Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
JRL	0	04/04/23	ISSUED FOR BIDS	
Drawn by:				
JMS				
Checked by:				
DS				

M M

MOTT MACDONALD

Two Allegheny Center
Nova Tower 2, Suite 1301
Pittsburgh, PA 15212
(412) 497 - 2900

811

Dial 8-1-1 or 1-800-242-1776 not less than 3 business days nor more than 10 business days prior to the start of excavation.

Pennsylvania One Call System Serial Number
041 - 20230792496 & 20220895052
014 - 20230792512, 20220903367 & 20220903368

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER DANIEL C. SPAREK PE061699

alcosan allegheny county sanitary authority

ARLETTA SCOTT WILLIAMS EXECUTIVE DIRECTOR, ALCOSAN

3300 PREBLE AVE. PITTSBURGH, PA 15233 (412) 766 - 4810

www.alcosan.org

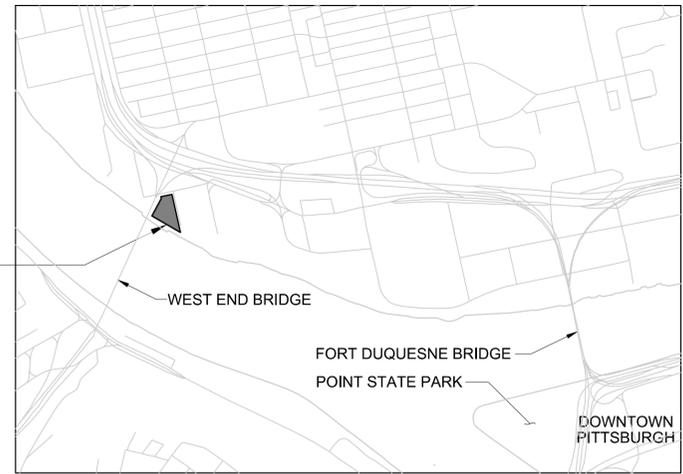
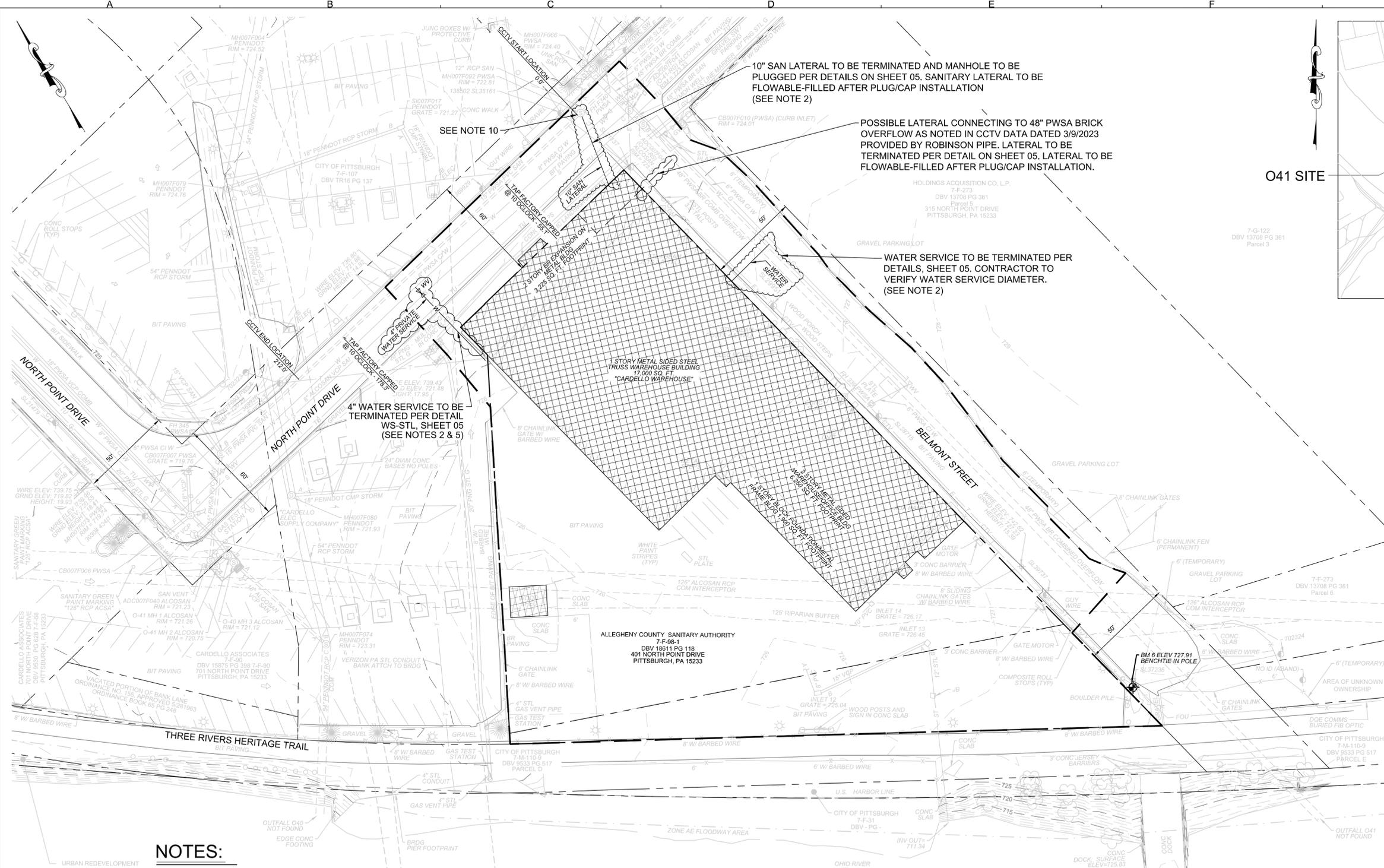
ALLEGHENY COUNTY SANITARY AUTHORITY (ALCOSAN)
041 & 014 SITE
SITE DEMOLITION CONTRACT

000-DM-05

PITTSBURGH WATER & SEWER AUTHORITY TAP TERMINATION DETAILS

Contract:	1783
File:	000-DM-05.dwg
Date:	04/04/2023
Sheet:	05 OF 25

FILE NAME: C:\Users\MOL-102938\OneDrive\Projects\T&M\Project Files\7 - PRELIM DEMO\02-Civil - O41-DM-101 - LAST SAVED BY: MOL-102938 - PLOT DATE: 5/11/2023 2:08:28 PM



KEYMAP
SCALE: 1" = 1000'

LEGEND:
 DENOTES LIMITS OF DEMOLITION AND WASTE REMOVAL
 DENOTES LIMITS OF CONTRACTOR ACCESS

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK
 To be completed by the Applicant and provided on each sheet within the plan set:

(Check all that apply)

- NEW WATER CONNECTION(S)
- 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)

Shannon Connell
 2023.05.25
 10:31:32 -04'00"
 REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

Robert Herring
 2023.05.25
 10:49:57 -04'00"
 SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

BJ McFadden
 Director of Operations
 DIRECTOR OF OPERATIONS

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

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

PWSA PROJECT NUMBER DEV-252-0323
 TAP C RECORD NUMBER C3071

The PWSA approval was based on information provided by others under the assumption that this information was accurate and complete. Please refer to the PWSA Developer's Manual for detailed information on the regulations and procedures for obtaining water and sewer service.

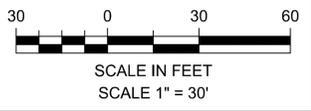
NOTES:

- ONCE THE WATER SERVICE IS TERMINATED, THE APPLICANT SHALL RETURN THE METER AND REMOTE READING DEVICE (IF PRESENT) TO PWSA AND PROVIDE PWSA WITH SAID METER, ACCOUNT NUMBERS AND THE SERVICE ADDRESSES
- PWSA ACCOUNT: 2055390 & 2057677
- THIS BUILDING DEMOLITION IS PRELIMINARY WORK IN ADVANCE OF THE ALCOSAN OHIO RIVER TUNNEL (ORT) PROJECT.
- DYE TEST BUILDING FLOOR DRAINS, ROOF DRAINS, AND SANITARY FIXTURES TO VERIFY CONNECTIVITY TO THE PUBLIC SEWER SYSTEM PRIOR TO LATERAL TERMINATIONS. PERFORM MANHOLE PRE- AND POST- CONSTRUCTION CCTV WITHIN SEWER MAINS ON BELMONT AND NORTH POINT DRIVE TO VERIFY ACTIVE LATERALS TO BE TERMINATED. DYE TESTING AND CCTV RESULTS ARE TO BE

SHARED WITH OWNER FOR REVIEW AND APPROVAL OF LATERAL TERMINATION PLAN PRIOR TO TERMINATIONS. CCTV SHALL MEET NASCO/PACP STANDARD, AND INCLUDE A PDF MAP SHOWING LOCATION OF MANHOLE ID'S, PDF OF ALL CCTV INSPECTION LOGS.

- EXISTING CONNECTION MAY BE CAST IRON. CONTRACTOR TO CUT OUT TEE AND INSTALL COUPLINGS ON EACH SIDE WITH SOLID DUCTILE IRON SPOOL PIPE. SEE DETAIL WS-STL.
- PWSA MUST FIELD VERIFY THE TERMINATION OF THE EXISTING CONNECTIONS.
- CONTRACTOR SHALL NOTIFY PWSA BY CONTACTING THE FIELD SUPERVISOR PROVIDED WITH THE PERMIT AT LEAST THREE WORKING DAYS IN ADVANCE OF THE PROPOSED TERMINATION DATE.

- A PWSA INSPECTOR MUST BE ON SITE DURING THE TERMINATION PROCEDURE AND WITNESS SAID TERMINATIONS AND PIPE ZONE BACKFILLING.
- THE CONTRACTOR IS TO MAINTAIN MINIMUM SAFETY CLEARANCES FROM ACTIVE OVERHEAD LINES AS NOTED IN OSHA 1926.1408 DURING DEMOLITION ACTIVITIES.
- TAP-IN INFORMATION ESTIMATED FROM CCTV FILE 2023_03_09 ALCOSAN EMERGENCY CONTRACT 1751 TV323 DATED 3/9/2023 AS PROVIDED BY ROBINSON PIPE. AT THE END OF THE CCTV RECORDING, THE CAMERA APPEARS TO REVEAL THE TAP LOCATION DIRECTLY INTO THE PWSA MANHOLE MH007F092, WHICH IS CONSISTENT TO GIS DATA PROVIDED FOR THIS LOCATION. THE VIDEO DOES NOT DEPICT A TAP WITHIN THE 15" PWSA SANITARY LINE WITHIN NORTH POINT DRIVE. THE REPORT PROVIDED ALSO DOES NOT INDICATE THE EXISTENCE OF A TAP IN EITHER THE SANITARY LINE, OR THE MANHOLE.



Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
JRL	0	04/04/23	ISSUED FOR BIDS	
Drawn by:				
JMS				
Checked by:				
DS				

MOTT MACDONALD
 Two Allegheny Center
 Nova Tower 2, Suite 1301
 Pittsburgh, PA 15212
 (412) 497 - 2900

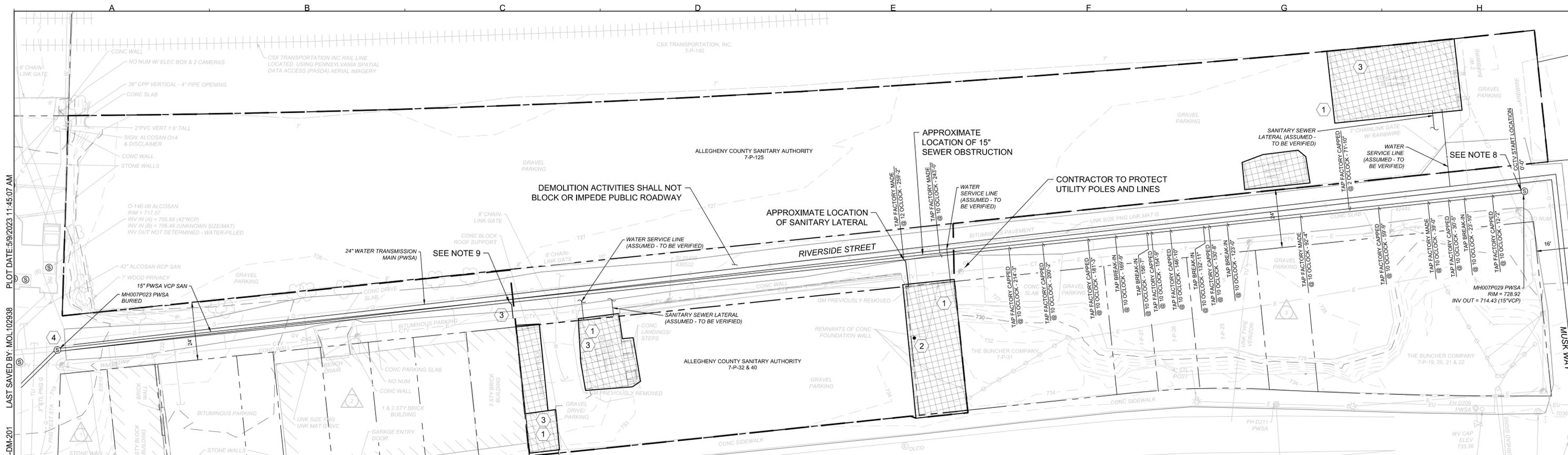
811
 Dial 8-1-1 or 1-800-242-1776 not less than 3 business days nor more than 10 business days prior to the start of excavation.
 Pennsylvania One Call System Serial Number
 O41 - 20230792496 & 20220895052
 O14 - 20230792512, 20220903367 & 20220903368

DANIEL C. SPAREK
 REGISTERED PROFESSIONAL ENGINEER
 PENNSYLVANIA
 P.E. 061689

alcosan
 allegheny county sanitary authority
 ARLETTA SCOTT WILLIAMS
 EXECUTIVE DIRECTOR, ALCOSAN
 3300 PREBLE AVE.
 PITTSBURGH, PA 15233
 (412) 766 - 4810
 www.alcosan.org

ALLEGHENY COUNTY SANITARY AUTHORITY (ALCOSAN)
 O41 & O14 SITE
 SITE DEMOLITION CONTRACT
O41-DM-101
PITTSBURGH WATER & SEWER AUTHORITY
WATER & SEWER TAP TERMINATION PLAN

Contract:	1783
File:	O41-DM-101.dwg
Date:	04/04/2023
Sheet:	09 OF 25

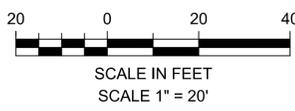


KEYED NOTES:

- 1 - WATER SERVICE NOT LOCATED. CONTRACTOR TO LOCATE AND TERMINATE WATER SERVICE PER DETAILS ON DWG. 000-DM-05. PERFORM PAVEMENT RESTORATION PER DETAILS SHOWN ON SHEET 06.
- 2 - SANITARY DRAIN ENTERS FLOOR HERE. CONTRACTOR TO TERMINATE AND GROUT THE LATERAL PER DETAIL SLT3, SHEET 05.
- 3 - CONTRACTOR TO DYE TEST TO CHECK LATERAL FOR CONNECTIVITY. IF SEWER LATERAL IS CONNECTED TO BUILDING BEING DEMOLISHED, TERMINATE LATERAL PER DETAILS ON SHEET 05. DYE TESTING AND CCTV RESULTS TO BE PROVIDED TO OWNER FOR REVIEWS AND APPROVALS PRIOR TO TERMINATIONS.
- 4 - THE CONTRACTOR IS TO LOCATE AND UNCOVER THE BURIED MANHOLE FOR ACCESS TO COMPLETE DYE TESTING AND CCTV. HOWEVER, THE CONTRACTOR SHALL COORDINATE WITH PWSA TO RAISE THE STRUCTURE TO GRADE PRIOR TO BACKFILLING.

NOTES:

1. PWSA OPERATIONS COMPLETED CCTV INVESTIGATION FROM MH007P029 TOWARDS MH007P023 ON 3-9-23. AT APPROXIMATELY 258' INTO THE SURVEY, A SEWER OBSTRUCTION PREVENTED FURTHER ADVANCING OF THE CCTV. THIS OBSTRUCTION LOCATION IS NOTED ON THIS PLAN.
2. DYE TEST BUILDING FLOOR DRAINS, ROOF DRAINS, AND SANITARY FIXTURES TO VERIFY CONNECTIVITY TO THE PUBLIC SEWER SYSTEM PRIOR TO LATERAL TERMINATIONS. PERFORM MANHOLE PRE- AND POST- CONSTRUCTION CCTV WITHIN SEWER MAINS ON RIVERSIDE STREET REQUIRED TO VERIFY ACTIVE LATERALS TO BE TERMINATED. DYE TESTING AND CCTV RESULTS ARE TO BE SHARED WITH OWNER FOR REVIEW AND APPROVAL OF LATERAL TERMINATION PLAN PRIOR TO TERMINATIONS. CCTV SHALL MEET NASSCO/PACP STANDARD, AND INCLUDE A PDF MAP SHOWING LOCATION OF MANHOLE ID'S, PDF OF ALL CCTV INSPECTION LOGS.
3. PWSA MUST FIELD VERIFY THE TERMINATION OF THE EXISTING CONNECTIONS. CONTRACTOR SHALL NOTIFY PWSA BY CONTACTING THE FIELD SUPERVISOR PROVIDED WITH THE PERMIT AT LEAST THREE WORKING DAYS IN ADVANCE OF THE PROPOSED TERMINATION.
4. BUILDING DEMOLITION IS PRELIMINARY WORK IN ADVANCE OF THE ALCOSAN OHIO RIVER TUNNEL (ORT) PROJECT.
5. ONCE THE WATER SERVICE IS TERMINATED, THE APPLICANT SHALL RETURN THE METER AND REMOTE READING DEVICE (IF PRESENT) TO PWSA AND PROVIDE PWSA WITH SAID METER, ACCOUNT NUMBERS AND THE SERVICE ADDRESSES.
6. PWSA ACCOUNT: 1730 RIVERSIDE STREET: 5061102-1270073, 1730 W CARSON STREET: 5136890-1269703
7. THE CONTRACTOR IS TO MAINTAIN MINIMUM SAFETY CLEARANCES FROM ACTIVE OVERHEAD LINES AS NOTED IN OSHA 1926.1408 DURING DEMOLITION ACTIVITIES.
8. TAP-IN INFORMATION ESTIMATED FROM CCTV FILE 07013_6052HCA DATED 4/29/2009 AS PROVIDED BY PWSA.
9. TAP-IN INFORMATION ESTIMATED FROM CCTV FILE 07013_6052HC DATED 4/27/2009 AS PROVIDED BY PWSA. EXACT POINT OF ORIGIN NOT PROVIDED IN VIDEO.



THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK
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- PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:
 (Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION
 Robert Herring
 2023.05.23
 15:38:29 -04'00'

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION
 Director of Operations

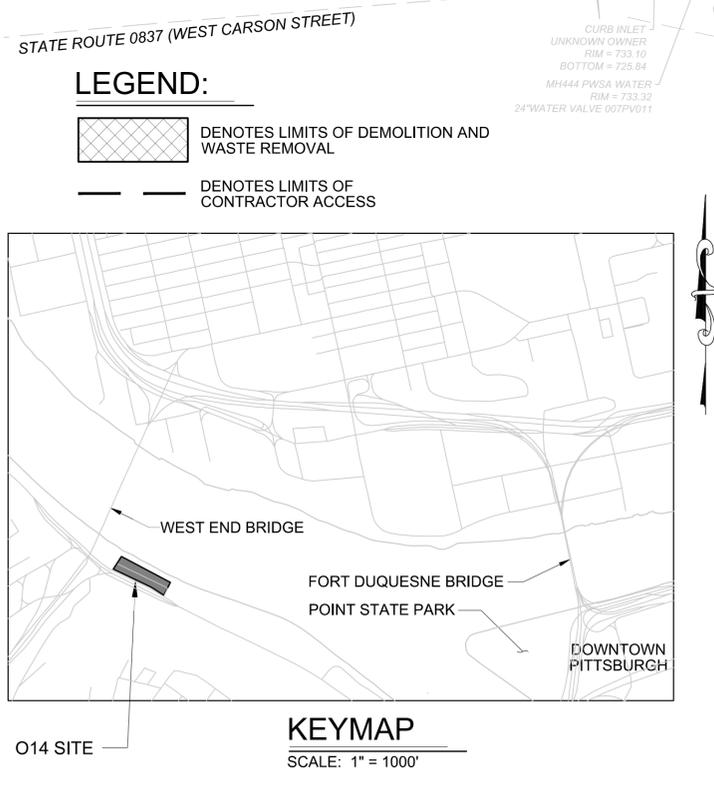
DIRECTOR OF OPERATIONS
 (Required for "Private Construction of Public Facilities" ONLY)

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION
 DEV-254-0323

PWSA PROJECT NUMBER
 C3070

TAP C RECORD NUMBER

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FILE NAME: C:\Users\MOL-102938\Documents\Mott MacDonal\507-105621 - ALCOSAN Ohio River Tunnel Design - T&M\Project Files\7 - PRELIM DEMO\02-Civil - O14-DM-201 - LAST SAVED BY: MOL-102938 - PLOT DATE: 5/9/2023 11:45:07 AM

Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
JRL	0	04/04/23	ISSUED FOR BIDS	
Drawn by:				
JMS				
Checked by:				
DS				

MOTT MACDONALD

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 Nova Tower 2, Suite 1301
 Pittsburgh, PA 15212
 (412) 497 - 2900

811

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 O14 - 20230792512, 20220903367 & 20220903368

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 REGISTERED PROFESSIONAL ENGINEER
 PENNSYLVANIA
 PE061699

alcosan
 allegheny county sanitary authority

ARLETTA SCOTT WILLIAMS
 EXECUTIVE DIRECTOR, ALCOSAN

3300 PREBLE AVE.
 PITTSBURGH, PA 15233
 (412) 766 - 4810

www.alcosan.org

ALLEGHENY COUNTY SANITARY AUTHORITY (ALCOSAN)
 O41 & O14 SITE
 SITE DEMOLITION CONTRACT

O14-DM-201
PITTSBURGH WATER & SEWER AUTHORITY
WATER & SEWER TAP TERMINATION PLAN

Contract:	1783
File:	O14-DM-201.dwg
Date:	04/04/2023
Sheet:	20 OF 25