

SEPARATED HOUSE LATERALS ONE CONNECTION TO MAIN

NTS

WATER AND SEWER FLOW DATA		
Water Consumption	420	GPD
Sanitary Flow	430	GPD
Storm Flow	0.2617	CFS
Planning Module Number (Assigned by PWSA)		
PADEP Approval Date (Assigned by PWSA)		

HYDRANT FLOW TEST DATA

Date of Test: / / Hydrant Permit No.:
 Test Performed By:

	FLOW HYDRANT	PRESSURE HYDRANT
Hydrant Number	X	X
Location	X	X
Static Pressure (psi)	XXXXXXXXXXXXXX	X
Residual Pressure (psi)	XXXXXXXXXXXXXX	X
Flow Observed (gpm)	X	XXXXXXXXXXXXXX

Fire Protection Demands:

Sprinkler System Peak Demand	90	gpm	42	psi
Inside Hose Demand	0	gpm		
Outside Hose Demand	100	gpm		
Domestic System Peak Demand	190	gpm		

THE PITTSBURGH WATER AND 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

***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 Professional Engineer shown by the seal and signature attested to the drawing. The PWSA does not represent or warrant that the water supply to the facilities is sufficient to support the design.

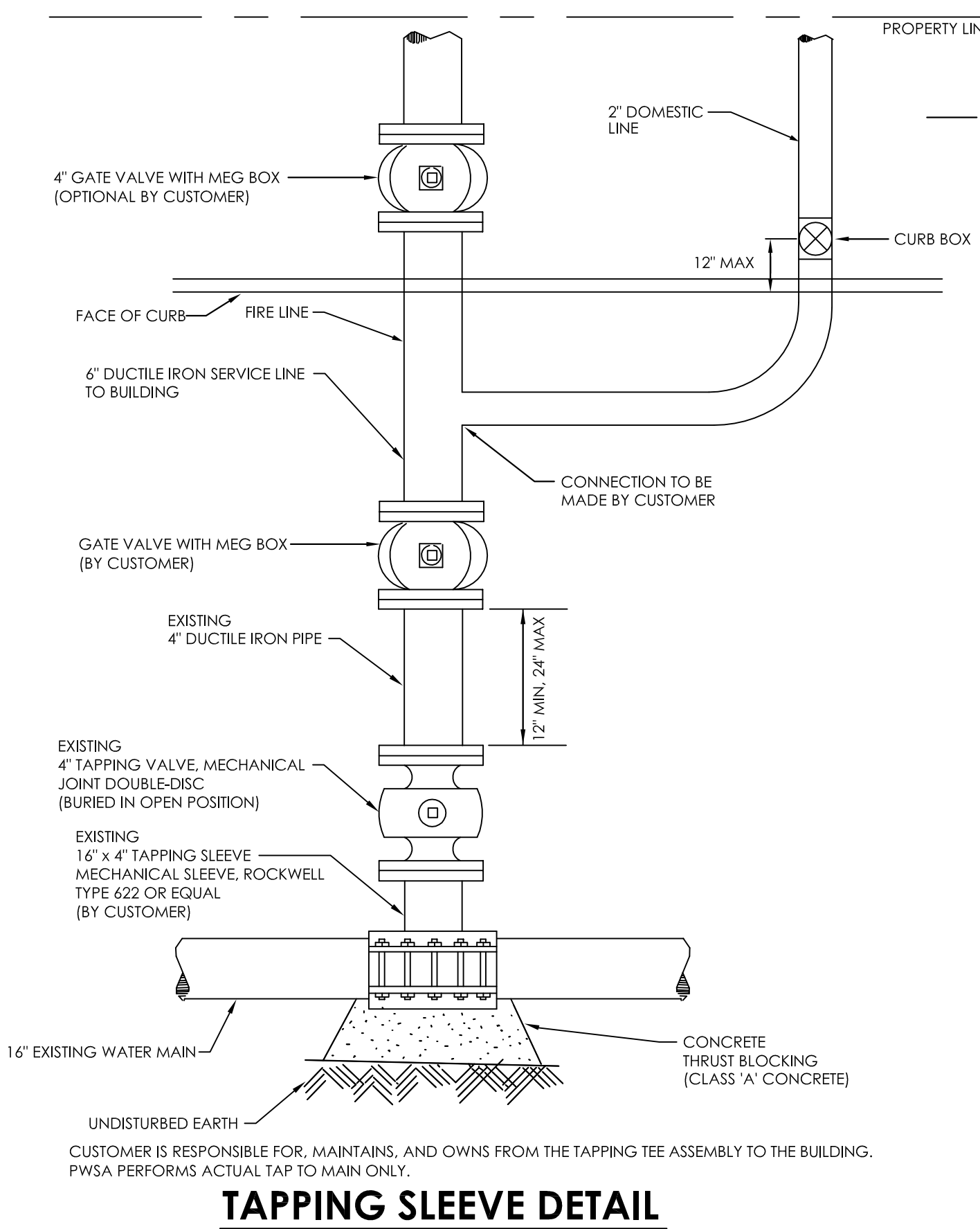
Project Coordinator/Project Management Engineer/Reviewer certifies that he/she has reviewed the above noted document(s) in accordance with the Authority's established rules and regulations. Based on this review, approval is hereby recommended.

Project Coordinator/Project Management Engineer/Reviewer Approval _____ Date _____

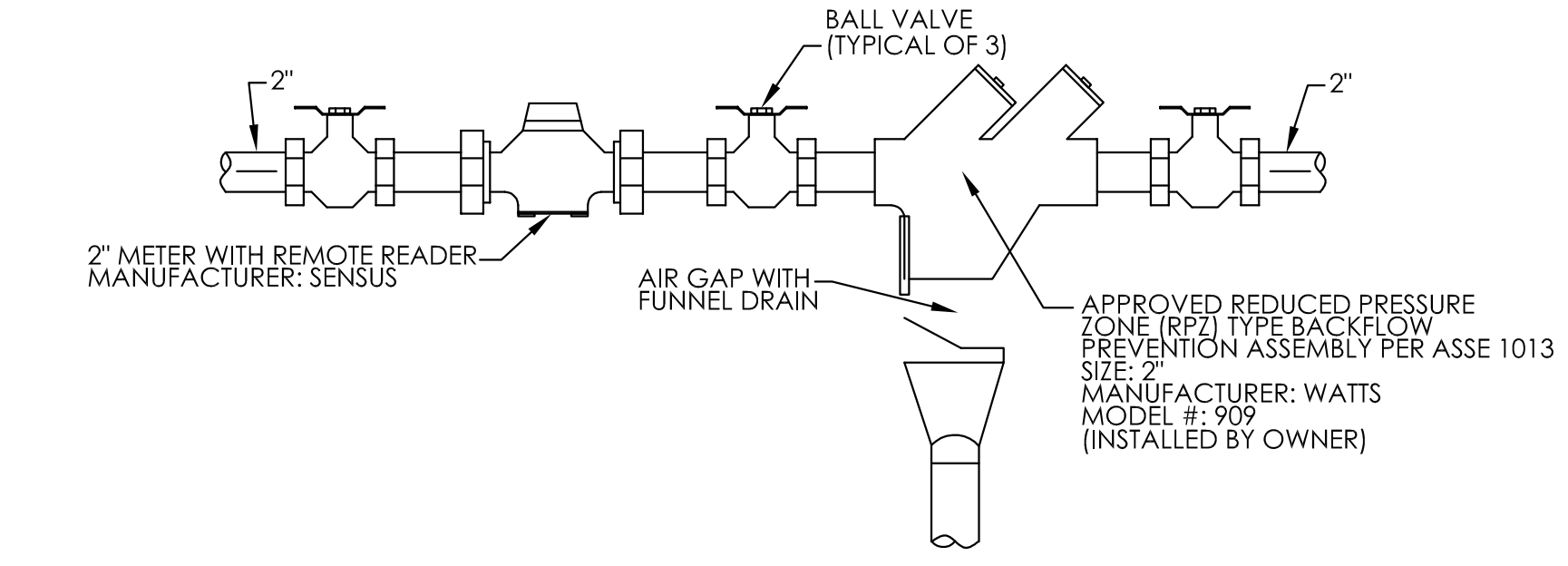
Acting Field Service Director _____

Chief Engineer _____

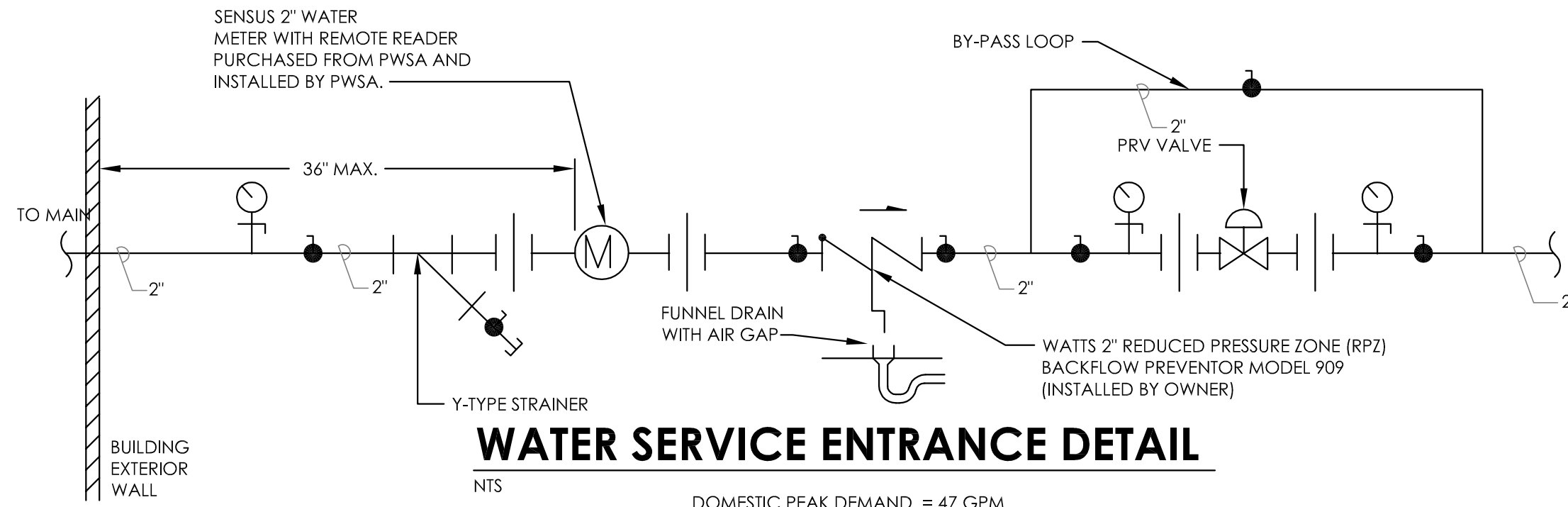
Director of Engineering and Construction _____



TAPPING SLEEVE DETAIL



DOMESTIC PLUMBING SCHEMATIC



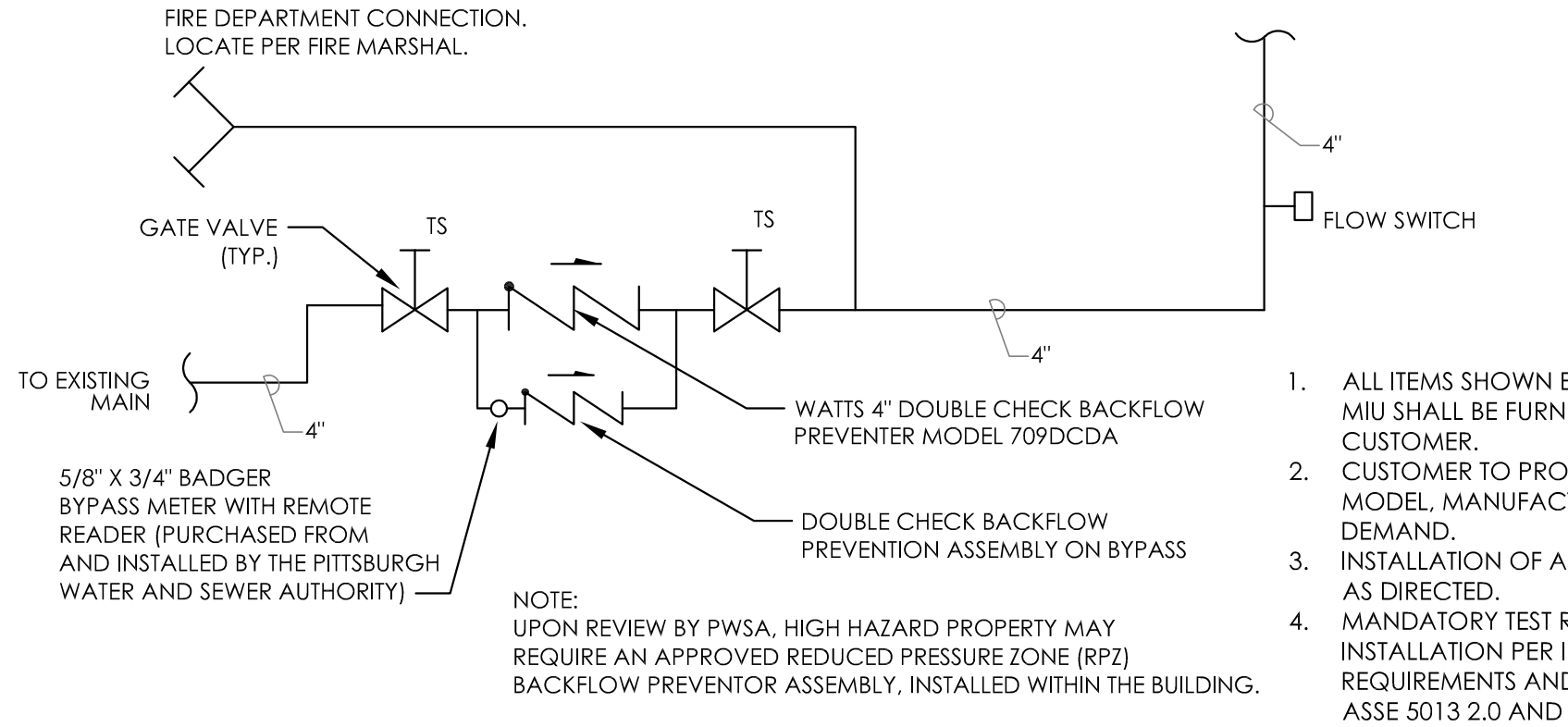
WATER SERVICE ENTRANCE DETAIL

- METER TO BE INSTALLED IN A WARM, NON-FREEZING, ACCESSIBLE AREA WITHIN DWELLING, A MINIMUM OF 2' FROM FLOOR AND A MAXIMUM OF 3' FROM POINT OF ENTRY AND/OR FROM INSIDE WALL.
- SEE ACHD PLUMBING CODE FOR ADDITIONAL PIPING AND PRESSURE REGULATOR REQUIREMENTS.
- PROPER METER ACCESS REQUIRED. METER SETTING CAN NOT BE IN A RESTRICTED AREA (E.G. UNDER STEPS, BEHIND FURNACE OR HOT WATER TANK), OR IN OTHER OBSTRUCTED AREAS IN ANY WAY.
- METER SETTING VALUES:

SIZE	COUPLING SPACE 'A'	METER TAIL-PIECE	FLOW (GPM)
5/8"	12.5"	1/2"	20
5/8x3/4"	12.5"	3/4"	20
3/4"	14.25"	3/4"	30
1"	16.5"	1"	50

- ALL ITEMS SHOWN EXCEPT THE BYPASS METER AND MIU SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER.
- CUSTOMER TO PROVIDE DATA FOR CORRECT SIZE, MODEL, MANUFACTURER, AND PEAK FIRE DEMAND.
- INSTALLATION OF ASSEMBLY IS PERMITTED IN VAULT, AS DIRECTED.
- MANDATORY TEST REQUIRED AT TIME OF INSTALLATION PER IPC 312.9.2. FIELD TESTING REQUIREMENTS AND REPORTING SHALL BE PER ASSE 5013 2.0 AND 3.0.

FIRE SERVICE ENTRANCE DETAIL



City of Pittsburgh Only

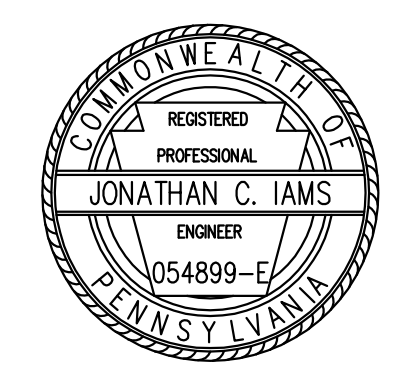
Please be advised of the following requirements for installing fire service (Underground) mains and their appurtenances in the City of Pittsburgh.

A permit must be obtained from the Bureau of Building Inspection (BBI), prior to installing the underground fire service main. Application for this permit must be made by a contractor that is registered with the City, and must include 3 sets of the "Water Tap-In" Plans bearing the approval stamp of PWSA. Once the drawings have been reviewed, approved, and the permit issued, all required thrust blocking must be inspected, for compliance with NFPA 13, by a City Building Inspector before it is backfilled. A "Contractor's Material and Test Certificate for Underground Piping" must then be completed, and given to the City approved Fire Inspector that is hired to witness the flush and hydrostatic tests. They will then forward the test results to BBI.

FAILURE TO COMPLY MAY RESULT IN FINES AND/OR A STOP WORK ORDER.

NOTE: Permits for the interior sprinkler/standpipe system will not be issued until all underground installations have been inspected and approved.

To contact BBI, call (412) 255-2181.



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SCALE: 1"=20' SHEET ACCESSION NO. C-
 DATE: 05/11/2016 1 OF 1 CASE NO. _____