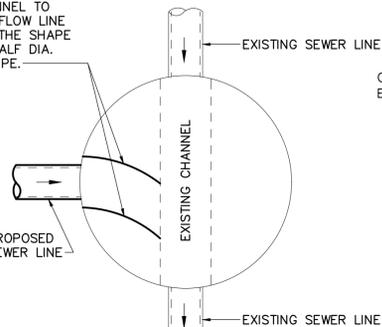


EXISTING MANHOLE FLOW LINE DETAIL

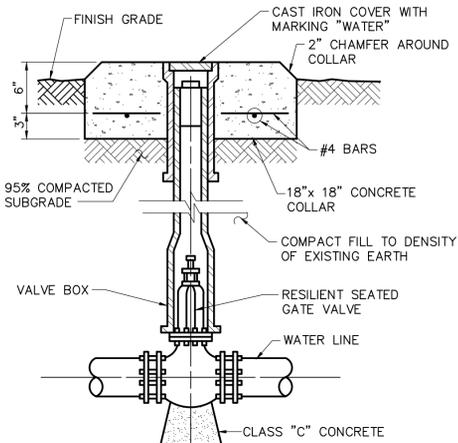
NOT TO SCALE

CAREFULLY REMOVE EXISTING CONCRETE AS REQUIRED, CONSTRUCT CHANNEL TO MATCH EXISTING FLOW LINE CONFORMING TO THE SHAPE OF THE LOWER HALF DIA. OF THE SEWER PIPE.



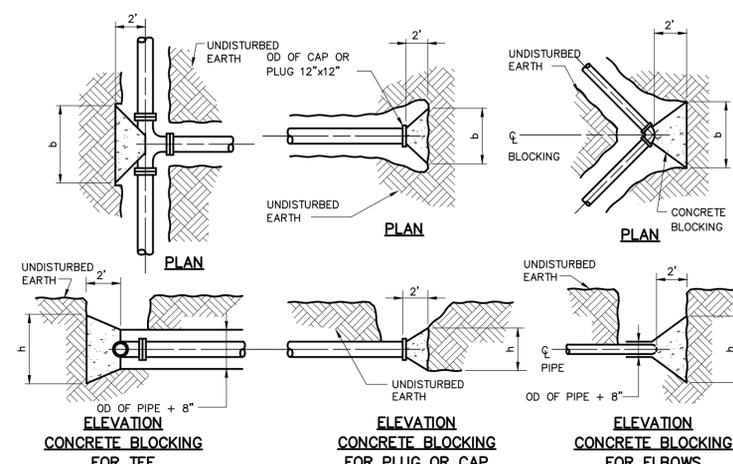
TRACER WIRE INSTALLATION AT VALVE BOX DETAIL

NOT TO SCALE



VALVE BOX DETAIL

NOT TO SCALE



WATER LINE THRUST BLOCK DETAILS

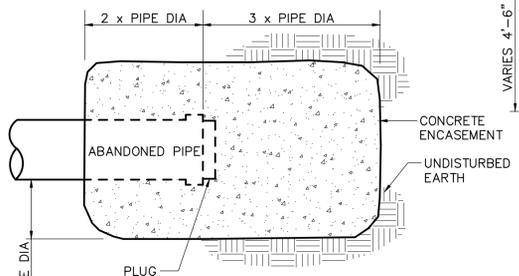
NOT TO SCALE

BLOCKING DIMENSIONS				
PIPE SIZE	BEND ANGLE	DIMENSION b	DIMENSION h	DIMENSION
4"	ALL ANGLES	2'-0"	2'-0"	2'-0"
6"	90	2'-0"	2'-0"	2'-0"
6"	45	2'-0"	2'-0"	2'-0"
6"	22-1/2	2'-0"	2'-0"	2'-0"
6"	11-1/4	2'-0"	2'-0"	2'-0"
8"	90	3'-0"	3'-0"	3'-0"
8"	45	2'-0"	2'-0"	2'-0"
8"	22-1/2	2'-0"	2'-0"	2'-0"
8"	11-1/4	2'-0"	2'-0"	2'-0"
10"	90	3'-6"	3'-6"	3'-6"
10"	45	3'-0"	3'-0"	3'-0"
10"	22-1/2	3'-0"	3'-0"	3'-0"
10"	11-1/4	3'-0"	3'-0"	3'-0"

BLOCKING DIMENSIONS FOR PLUG OR CAP			
PIPE SIZE	DIMENSION b	DIMENSION h	DIMENSION
4"	2'-0"	2'-0"	2'-0"
6"	2'-0"	2'-0"	2'-0"
8"	3'-0"	3'-0"	3'-0"
10"	3'-6"	3'-6"	3'-6"

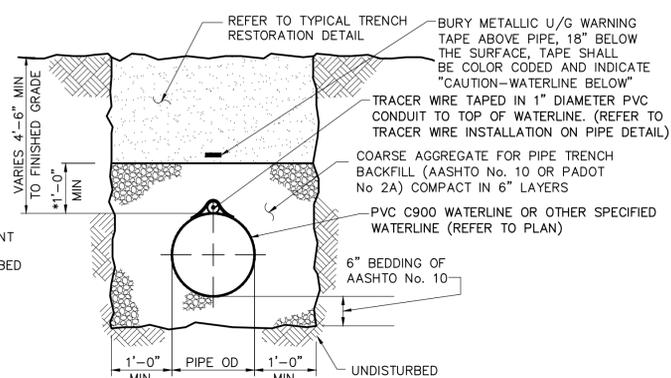
CAST IRON BOOT DETAIL

NOT TO SCALE



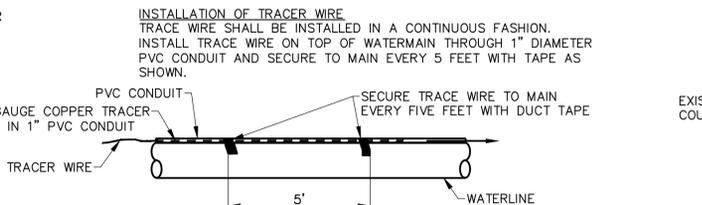
ABANDONED UTILITY LINE END CAP DETAIL

NOT TO SCALE



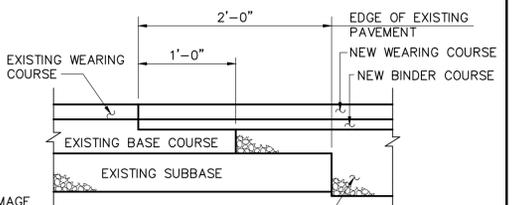
TYPICAL EXTERIOR EQUIPMENT PAD DETAIL

NOT TO SCALE



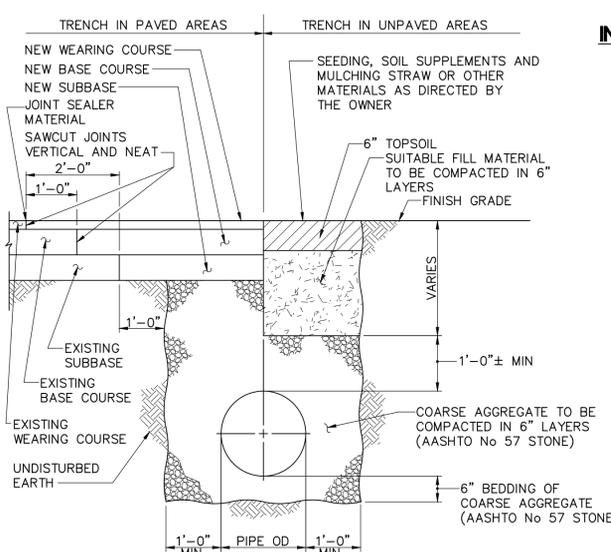
TRACER WIRE INSTALLATION ON PIPE DETAIL

NOT TO SCALE



ASPHALT PAVEMENT MATCH DETAIL

NOT TO SCALE



WATER LINE INSTALLATION DETAIL

NOT TO SCALE

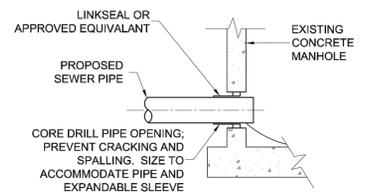
LATERAL NOTES:

- ALL MATERIAL USED FOR LATERAL INSTALLATIONS SHALL BE NEW, FREE FROM DEFECTS AND CONFORM TO ALL STANDARDS SET FORTH BY LOYSVILLE VILLAGE MUNICIPAL AUTHORITY.
- CONTINUOUS SUPPORT OF BARREL OF PIPE TO BE MAINTAINED. PIPE SHALL NOT BE SUPPORTED ON BLOCKING TO GRADE.
- ANY PLUMBING PASSING UNDER A FOOTING SHALL BE PROVIDED WITH RELIEVING ARCH.
- MINIMUM 6" OF AASHTO #8 STONE TO BE REPLACED BELOW AND A MINIMUM OF 12" ABOVE SEWER LATERAL PIPE.
- JOINTS FOR BELL AND SPIGOT PVC SDR 35 PIPE AND FITTINGS SHALL BE USED WITH AN APPROVED COMPRESSION GASKET THAT IS COMPRESSED WHEN THE SPIGOT IS INSERTED INTO THE HUB OF THE PIPE.
- ALL LATERALS MUST BE INSPECTED BEFORE BACKFILLING. COMPLETED DRAWINGS SHOWING THE EXACT LOCATION AND DEPTH OF LINE SHALL BE SUBMITTED TO THE AUTHORITY DURING FINAL INSPECTION OR THE LATERAL WILL NOT BE AUTHORIZED TO USE.
- ALL FEES MUST BE PAID IN PROPER AMOUNT BEFORE A CONNECTION PERMIT WILL BE ISSUED.

MATERIAL ALLOWED BY LOYSVILLE VILLAGE MUNICIPAL AUTHORITY FOR BUILDING GRAVITY SEWERS

- MINIMUM 4" PVC BELL AND SPIGOT SEWER PIPE (SDR 35) OR MINIMUM 4" SCH40 PVC.
- 4" @ 1/4" / FT. MIN. GRADE
6" @ 1/8" / FT. MIN. GRADE

LOW PRESSURE:
1. HDPE
2. MINIMUM DIAMETER: 1-1/4 INCH



- NOTES:**
- PROPOSED SEWER PIPE INVERT ELEVATION SHALL NOT BE BELOW EXISTING SEWER INVERT ELEVATION.
 - PROPOSED SEWER PIPE SHALL BE LOCATED A MINIMUM OF 8" ABOVE OR BELOW EXISTING MANHOLE JOINT.
 - AFTER CONNECTION OF PIPE TO MANHOLE, REMOVE CONCRETE CHANNEL AS REQUIRED AND RECONSTRUCT CHANNEL.
 - KEEP GROUNDWATER, SURFACE WATER AND DEBRIS FROM ENTERING EXISTING FACILITIES.
 - MAINTAIN EXISTING FLOW DURING CONSTRUCTION.
 - DROPS OVER 2 FT WILL REQUIRE A DROP CONNECTION.

TYPICAL TIE-IN TO EXISTING MANHOLE DETAIL

SCALE: NONE

07/31/23	LVMA COMMENTS
RECORD REVISIONS	
PROFESSIONAL'S SIGNATURE DATE	
UpStreet ARCHITECTS, INC. 541 PHILADELPHIA ST. INDIANA, PA 15701 911 MENOHER BLVD. JOHNSTOWN, PA 15905	
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA	
D.G.S. PROJECT No. C-0588-0015 PHASE 1	
LOYSVILLE YOUTH DEVELOPMENT CENTER- RENOVATIONS TO ZIMMERMAN-BINGAMAN (ZB) COTTAGE DEPARTMENT OF HUMAN SERVICES LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA	
CONSTRUCTION DETAILS SHEET	
VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY.	DRAWN BY _____ DATE 27 JUNE 2023 CHECKED BY _____ SCALE AS NOTED
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.	SHEET No. C-004