



Town of North Attleborough

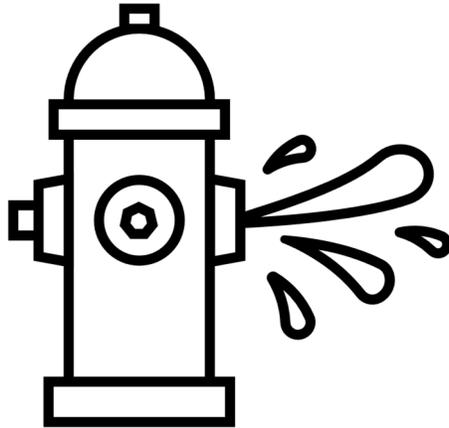
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Serving North Attleborough ~ Protecting the Environment

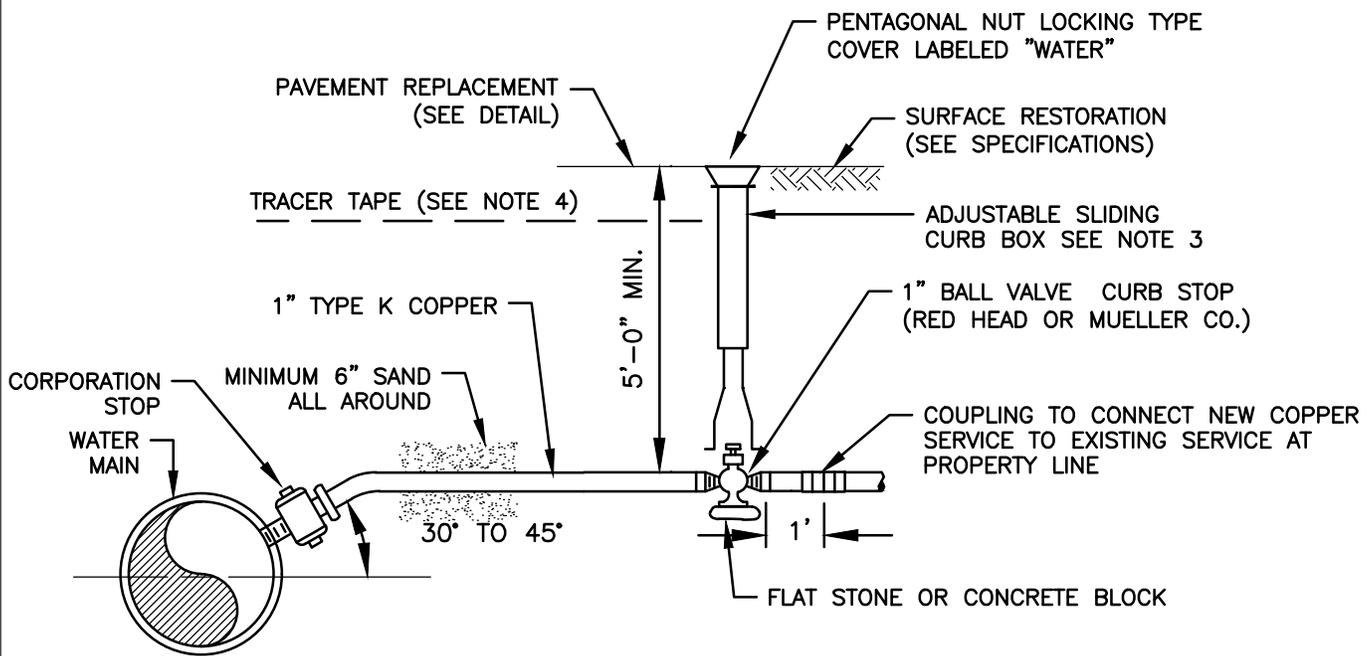
CONSTRUCTION DETAILS TABLE OF CONTENTS

DETAIL NUMBER	DETAIL TITLE
WATER	
W-1.1	TYPICAL WATER SERVICE CONNECTION
W-2.1	WATER MAIN CONNECTION (CUT-IN-TEE)
W-2.2	WATER MAIN CONNECTION (TAPPING SLEEVE & VALVE)
W-2.3	WATER MAIN CONNECTION (OFFSET)
W-2.4	WATER MAIN CONNECTION (INTERSECTION)
W-3.1	TYPICAL THRUST BLOCK
W-4.1	WATER MAIN TRENCH
W-5.1	GATE VALVE
W-5.2	ANCHOR TEE & THREE GATES
W-6.1	HYDRANT ASSEMBLY
W-7.1	WATER MAIN RELOCATION
W-8.1	TYPICAL METER PIT
W-8.2	TYPICAL METER INSTALLATION
W-8.3	IRRIGATION METER

SEWER	
S-1.1	SEWER TRENCH SECTION
S-2.1	SEWER MANHOLE (4' DIA.)
S-2.2	SEWER MANHOLE (5' DIA.)
S-2.3	SEWER MANHOLE INVERT
S-2.4	DROP INLET MANHOLE (OUTSIDE)
S-2.5	DROP INLET MANHOLE (INSIDE)
S-2.6	SEWER MANHOLE (FORCE MAIN TO GRAVITY)
S-2.7	SEWER MANHOLE (FORCE MAIN TO GRAVITY - INSIDE DROP)
S-2.8	SEWER MANHOLE COVER
S-2.9	MANHOLE SEAL
S-3.1	SEWER SERVICE CONNECTION
S-3.2	SEWER SERVICE CONNECTION(PRIVATE FORCE MAIN TO GRAVITY SEWER MAIN)
S-3.3	SEWER CHIMNEY
S-3.4	SEWER SERVICE CLEANOUT
S-4.1	PLUG FOR ABANDONING SANITARY SEWER
S-4.2	CUT AND CAP FOR ABANDONING SANITARY SEWER SERVICE
S-5.1	BACKWATER VALVE ASSEMBLY
S-6.1	SUPPORT FOR UTILITIES
S-7.1	LOW PRESSURE SEWER – TERMINAL FLUSHING MANHOLE
S-7.2	LOW PRESSURE SEWER – INLINE FLUSHING MANHOLE
S-7.3	LOW PRESSURE SEWER – LATERAL KIT PT. 1
S-7.4	LOW PRESSURE SEWER – LATERAL KIT PT.2
S-7.5	LOW PRESSURE SEWER – BUILDING-PUMP CONNECTION PT. 1
S-7.6	LOW PRESSURE SEWER – BUILDING-PUMP CONNECTION PT.2

NORTH ATTLEBOROUGH
BOARD OF PUBLIC WORKS
WATER CONSTRUCTION DETAILS





NOTE:

1. PROVIDE SADDLE FOR ALL AC AND PVC MAINS AND ALL 2" OR LARGER STOPS
2. CURB STOPS SHALL "OPEN LEFT"
3. 2.5" CURB BOX SHALL BE BUFFALO STYLE WITH ARCH BASE AND 5/8" DIAMETER EXTENSION ROD, 36" LONG OR AS REQUIRED TO EXTEND TO WITHIN 18" OF THE TOP OF THE BOX
4. 3" WIDE BLUE TRACER TAPE MARKED "CAUTION BURIED WATER LINE BELOW" MUST BE PLACED APPROXIMATELY 12" BELOW FINISHED GRADE IN THE WATER SERVICE TRENCH TO EACH RESIDENCE AND TIED TO THE CURB BOX
5. BRASS FITTINGS SHALL BE AS MANUFACTURED BY RED HEAD OR MUELLER CO.
6. 1" PLASTIC PIPE W/ TRACER WIRE MAY BE USED ON HOME OWNER'S SIDE OF CURB STOP.



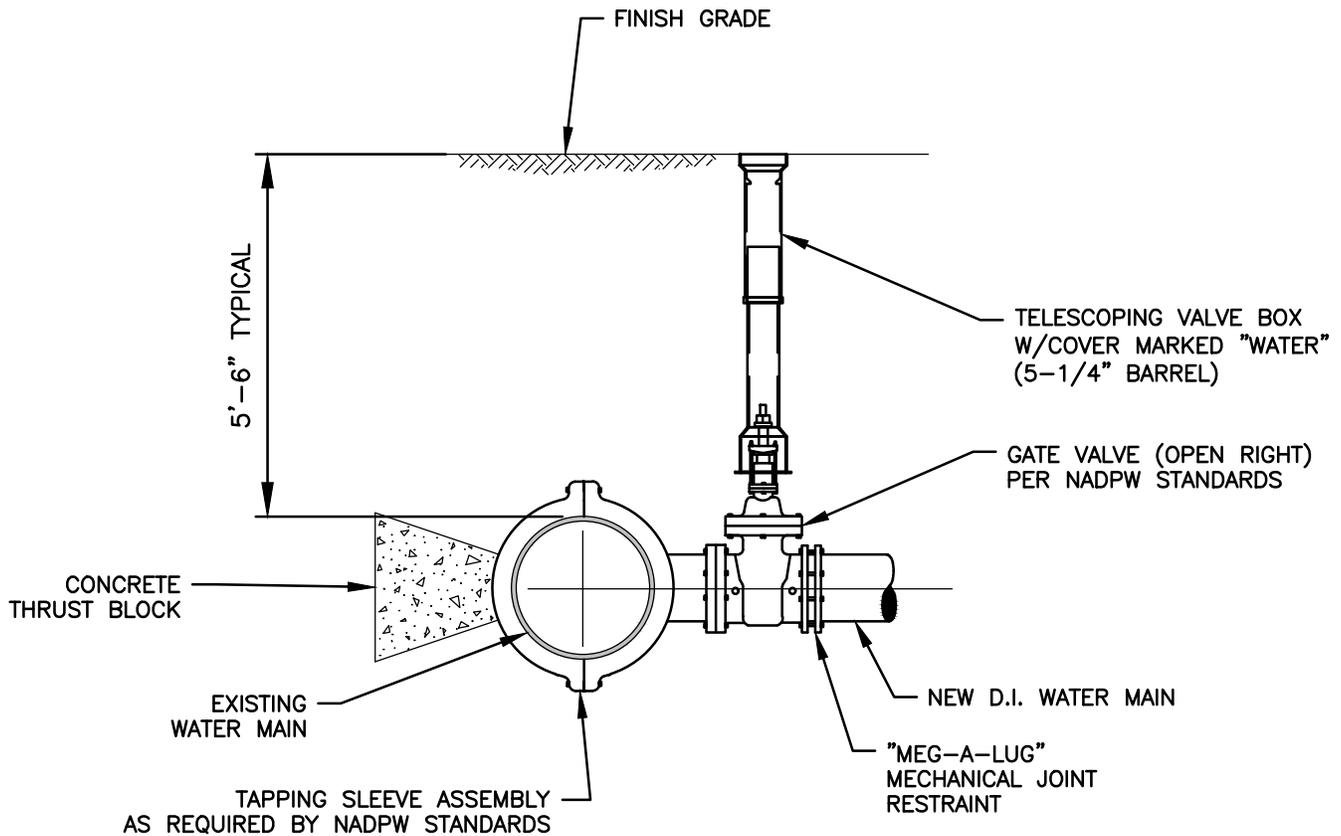
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TYPICAL WATER SVC CONNECTION DETAIL (1")

N.T.S.

Detail Number:
W-1.1



NOTE:

1. CONCRETE THRUST BLOCK TO BE USED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH
2. USE RESTRAINED JOINT FITTINGS OR TIE RODS WHERE CONCRETE THRUST BLOCK IS UNACCEPTABLE
3. SIZE OF BLOCK OR MEGALUG TO BE DESIGNED FOR SPECIFIC CONDITIONS



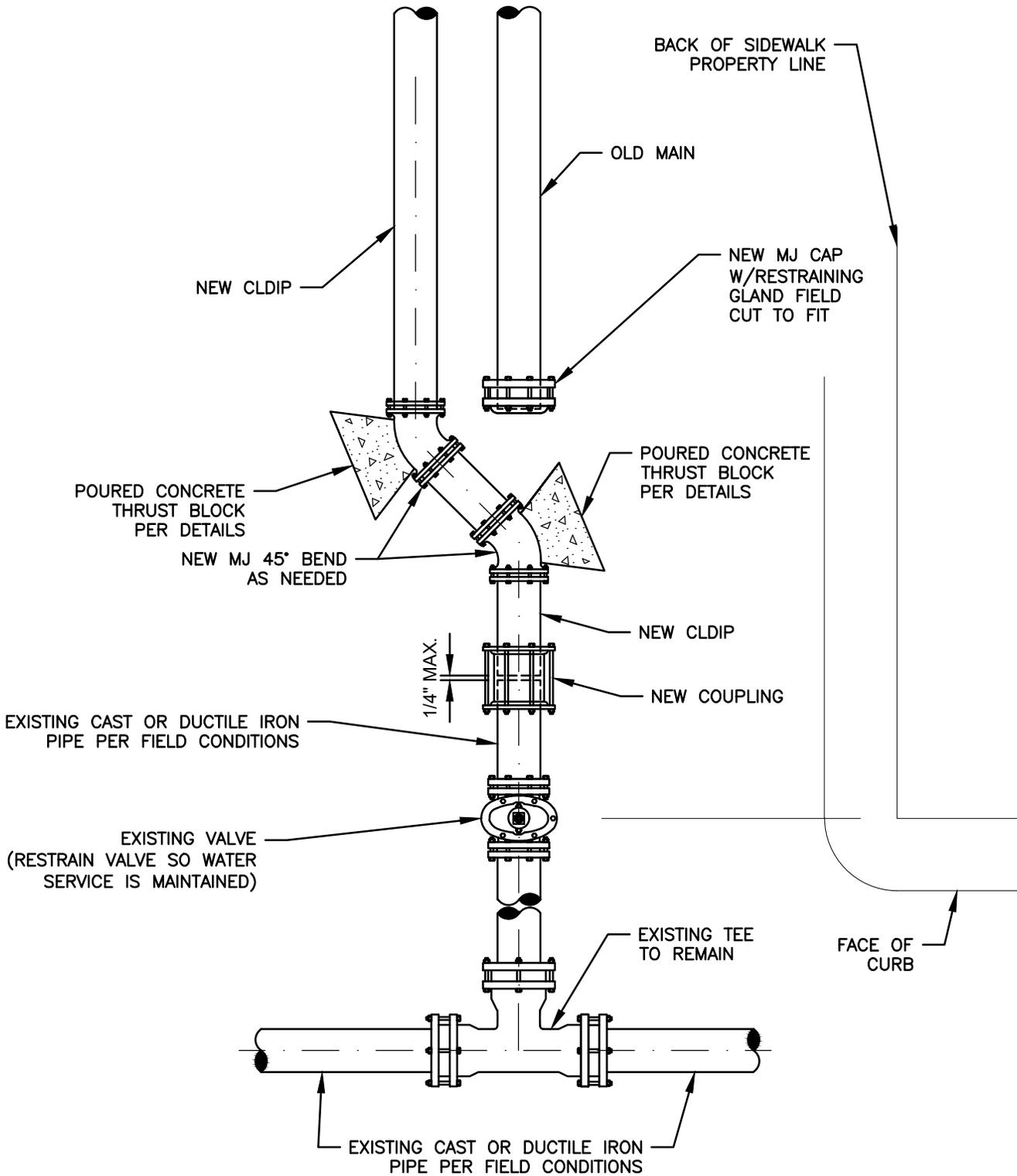
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**WATER MAIN CONNECTION (TAPPING
SLEEVE & VALVE) DETAIL**

N.T.S.

Detail Number:
W-2.2



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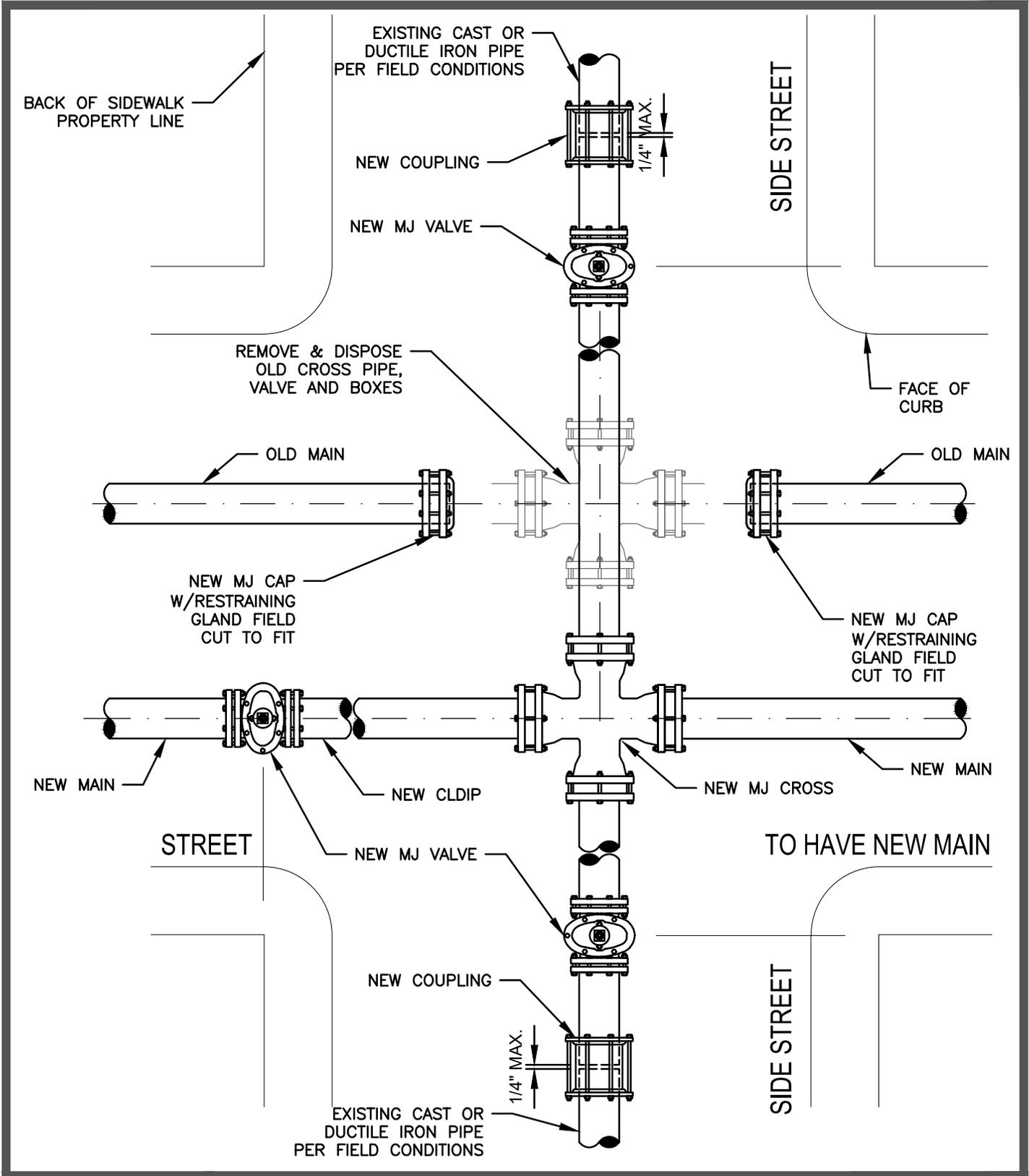
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WATER MAIN CONNECTION (OFFSET)

DETAIL

N.T.S.

Detail Number:
W-2.3



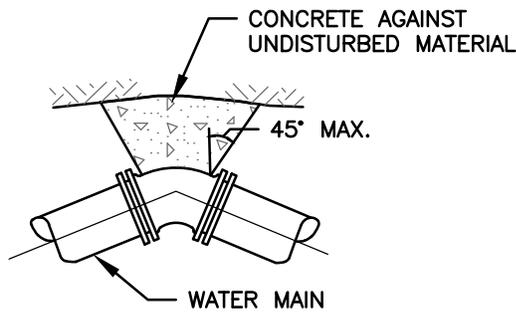
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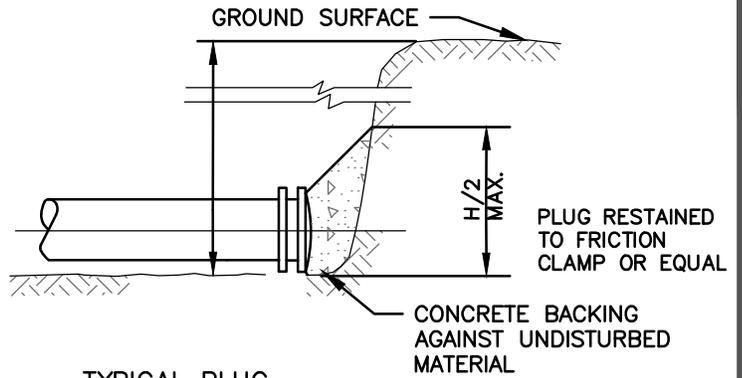
**WATER MAIN CONNECTION
INTERSECTION (CROSS) DETAIL**

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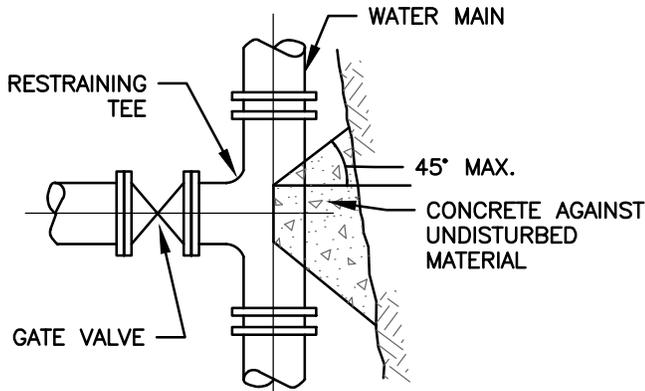
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W-2.4



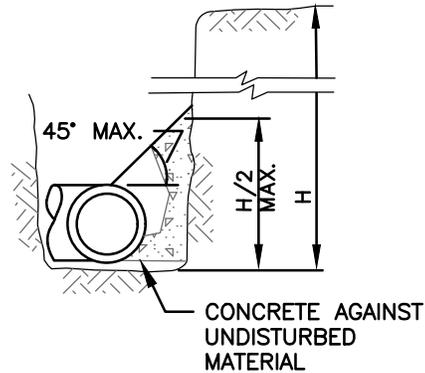
TYPICAL BEND



TYPICAL PLUG



TYPICAL TEE



TYPICAL SECTION

NOTE:

1. CONCRETE FOR THRUST BLOCKS SHALL BE NO LONGER THAN THE RATION OF $2 \frac{1}{2} : 5 \frac{1}{2}$ AND SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 2000 PSI (SO THAT FLANGES AND BOLTS ARE ACCESSIBLE).
2. USE FORMS FOR CAST-IN-PLACE THRUST BLOCKS TO PREVENT COVERING OF NUTS AND BOLTS WITH CONCRETE
3. MECHANICAL JOIN WITH RETAINER GLANDS ARE REQUIRED WITH THRUST BLOCK

BEARING AREA OF THRUST BLOCKS
(BEARING AREA IN SQUARE FT.)

PIPE SIZE INCHES	$\frac{1}{4}$ BEND	$\frac{1}{8}$ BEND	$\frac{1}{16}$ BEND OR LESS	PLUG TEES
6 AND 8	8	8		8
10 AND 12	22	13	8	16



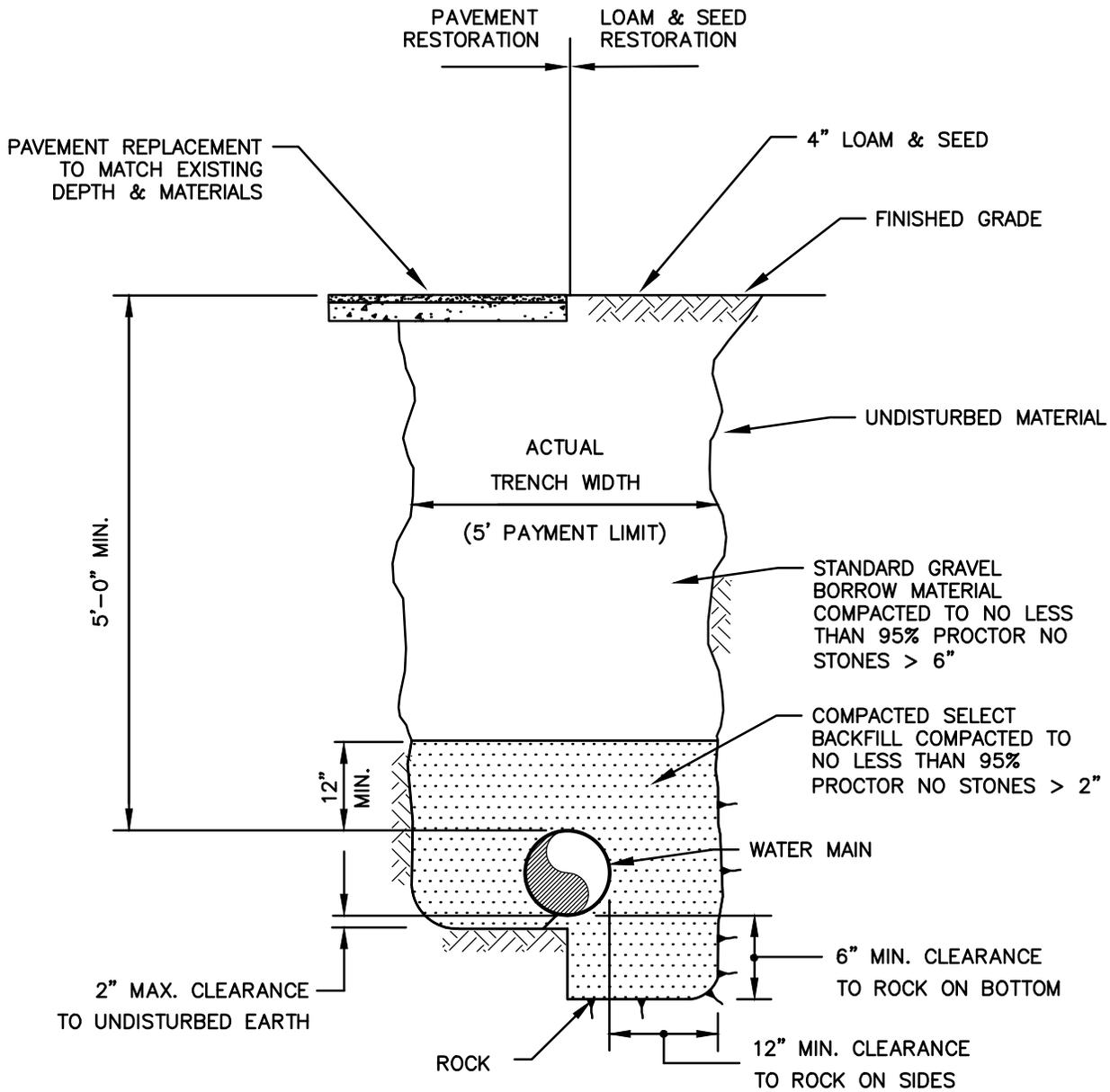
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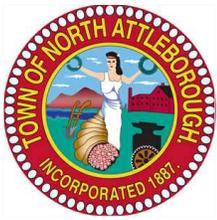
TYPICAL THRUST BLOCK DETAIL

N.T.S.

Detail Number:
W-3.1



NOTE:
 SUITABLE BACKFILL SHALL BE SELECTED FROM EXCAVATED MATERIALS AND IS SUBJECT TO THE APPROVAL OF THE NADPW. FRACTURED ROCK OR HAMMERED/BROKEN LEDGE SHALL NOT BE USED FOR BACKFILL.

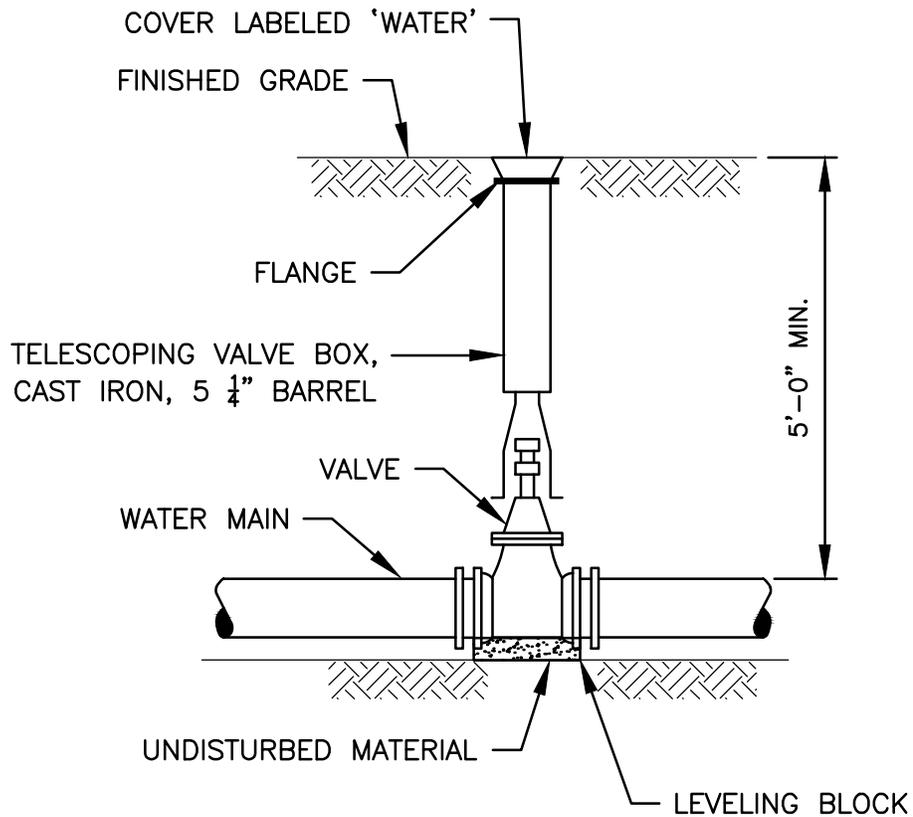


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WATER MAIN TRENCH DETAIL
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Detail Number:
 W-4.1



NOTE:

1. VALVE TO OPEN RIGHT
2. VALVE NUT TO BE PLUMB AND CENTERED IN BOX

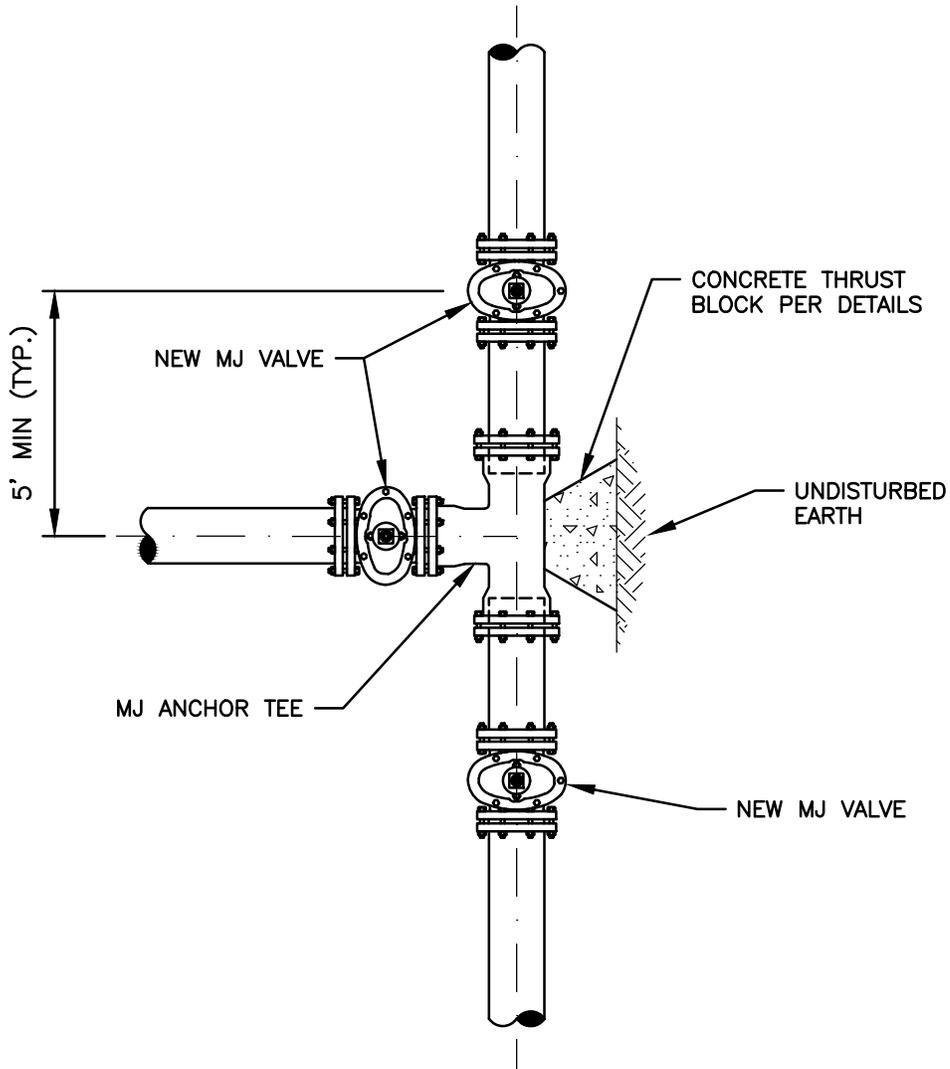


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GATE VALVE DETAIL
N.T.S.

Detail Number:
W-5.1



NOTE:

1. VALVE SPACING TO BE A MINIMUM OF 5'-0" TO ALLOW PROPER SOIL COMPACTION BETWEEN VALVE BONNETS AND BOXES
2. MECHANICAL JOINT WITH RETAINER GLANDS REQUIRED ON ALL FITTINGS AND VALVES.



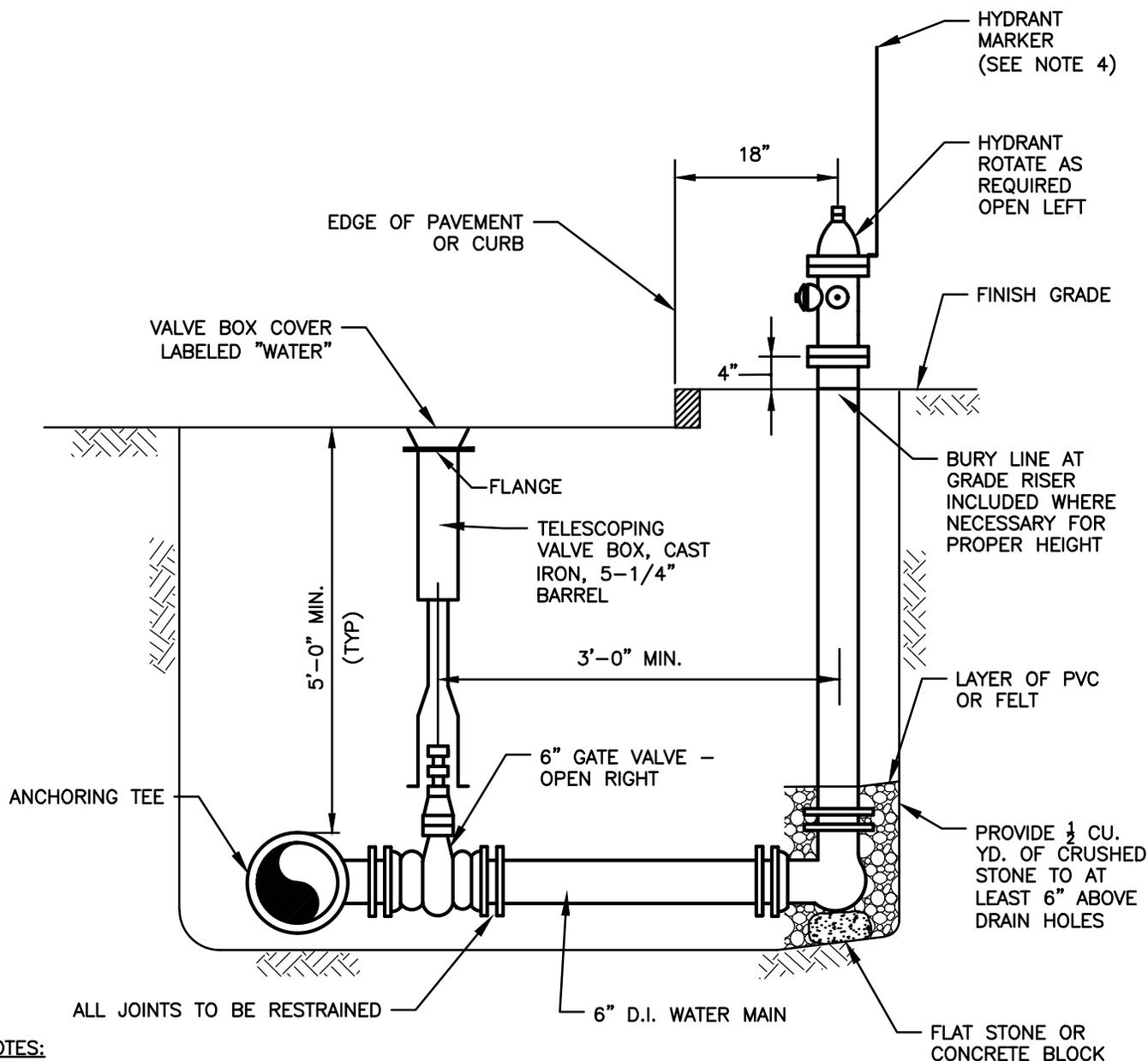
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ANCHOR TEE AND THREE GATES DETAIL

N.T.S.

Detail Number:
W-5.2



NOTES:

1. HYDRANT MUST BE BURIED TO PROPER DEPTH (BURY LINE) TO ALLOW SUFFICIENT CLEARANCE TO BOLT/UNBOLT THE UPPER BARREL AND SAFETY FLANGES, IF NEEDED, INSTALL EXTENSION
2. USE BOTH MEGA-LUG RESTRAINT GLANDS AND THRUST BLOCKS. THRUST BLOCKING SHALL HAVE A MINIMUM OF 3 SQUARE FEET AGAINST UNDISTURBED EARTH
3. FIRE HYDRANT PER NORTH ATTLEBOROUGH DPW STANDARDS. REFER TO THE LATEST EDITION OF THE TOWN OF NORTH ATTLEBOROUGH DPW CONSTRUCTION SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER.
4. ALL FIRE HYDRANTS SHALL HAVE INSTALLED A 60" HYDRANT MARKER WITH SPRING MOUNTED FIBERGLASS SHAFT AND RED STRIPES OR EQUAL.



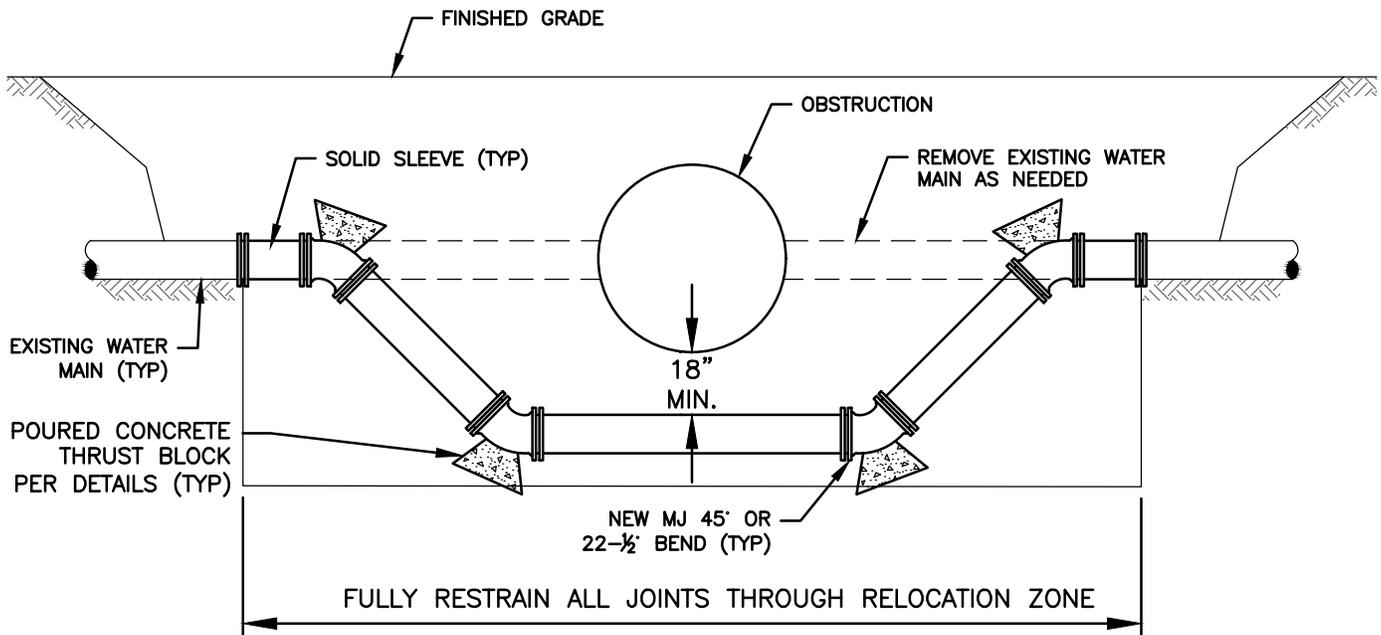
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HYDRANT ASSEMBLY DETAIL

N.T.S.

Detail Number:
W-6.1



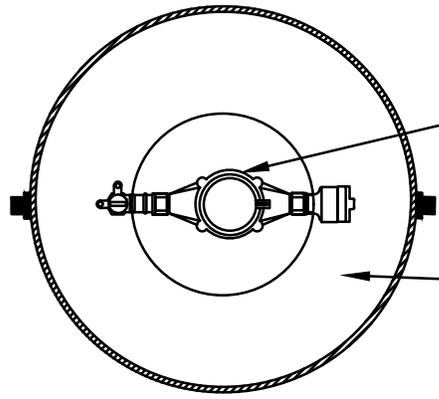
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WATER MAIN RELOCATION DETAIL

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W-7.1

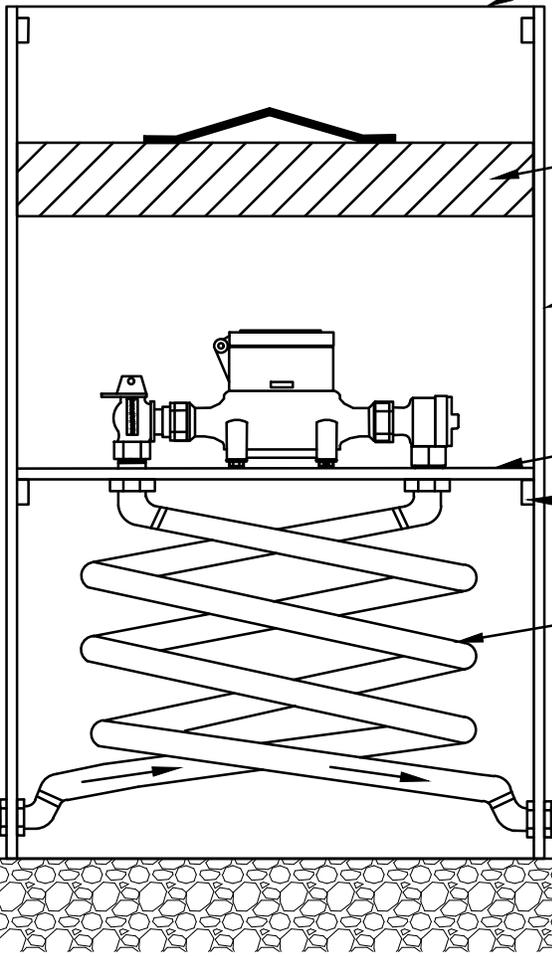


METER 1" OR UNDER SUPPLIED BY NA WATER DEPT. AT THE COST OF THE APPLICANT

PLASTIC PLATFORM

*COVER TO FINISH GRADE

CAST IRON SIDE LOCKING LID W/2" CENTER HOLE FOR ELECTRONIC READING DEVICE (READING DEVICE SUPPLIED BY NA WATER DEPT.) COVER SHALL BE BROUGHT TO FINISH GRADE



18"X4" INSULATING PAD

18"ØX60"(H) PLASTIC COIL METER PIT (AS SUPPLIED BY MUELLER CO. - OR APPROVED EQUAL)

STABILIZING PLATFORM

PLATFORM SUPPORT RING

1" COILS

1" MIP INLET & OUTLET CONNECTIONS

SET ON MIN. 6" OF 3/4"-1 1/2" CRUSHED STONE

NOTES:

1. ANY DEVIATIONS FROM THIS DETAIL MUST FIRST BE APPROVED BY NORTH ATTLEBORO WATER DEPT.
2. METER PITS SHALL BE REQUIRED WHERE SERVICE LINES ARE GREATER THAN 125 FEET LONG (FROM CURB STOP TO METER)
4. PITS DESIGNED IN PAVED AREAS MUST BE DESIGNED FOR H-20 LOADING



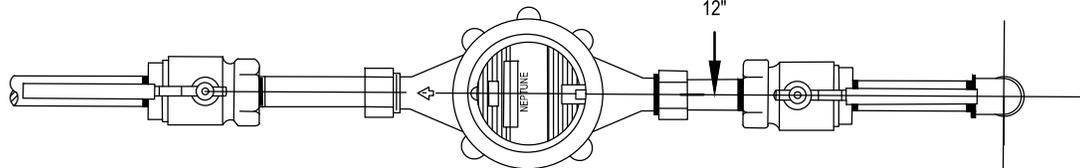
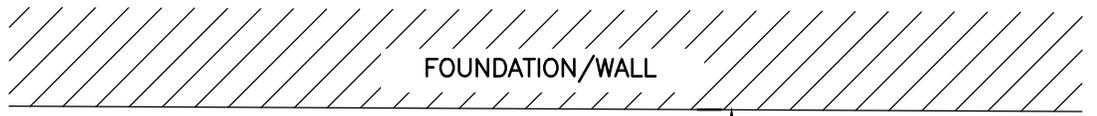
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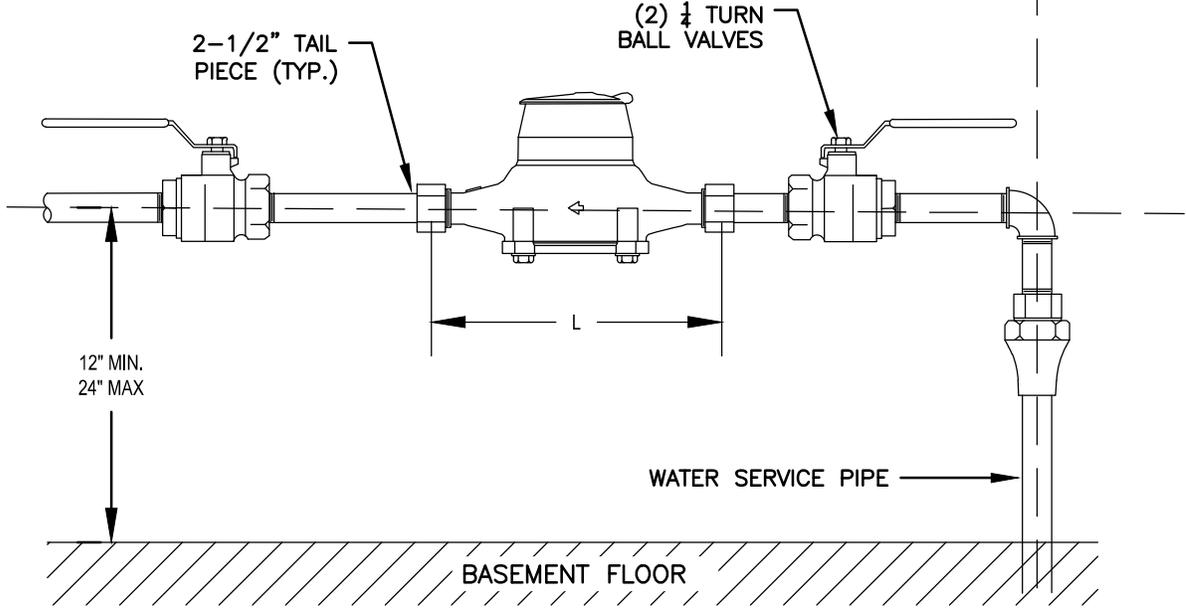
TYPICAL METER PIT DETAIL

N.T.S.

Detail Number:
W-8.1



METER INSTALLATION – TOP VIEW



METER INSTALLATION – SIDE VIEW

NOTES:

1. THE METER SHALL BE LOCATED AS NEAR AS POSSIBLE TO THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING
2. THE METER SHALL BE INSTALLED HORIZONTALLY & BE READILY ACCESSIBLE
3. METERS INSTALLED INSIDE BUILDINGS SHALL NOT BE INSTALLED IN PITS
4. METERS 1" AND UNDER SHALL BE SUPPLIED BY NA WATER DEPT. METERS > 1" SHALL BE SUPPLIED BY THE APPLICANT (CALL WATER DEPT. FOR SPECIFICATIONS)

METER SIZE	L
5/8"	7-1/2"
3/4"	7-1/2"
1"	10-3/4"



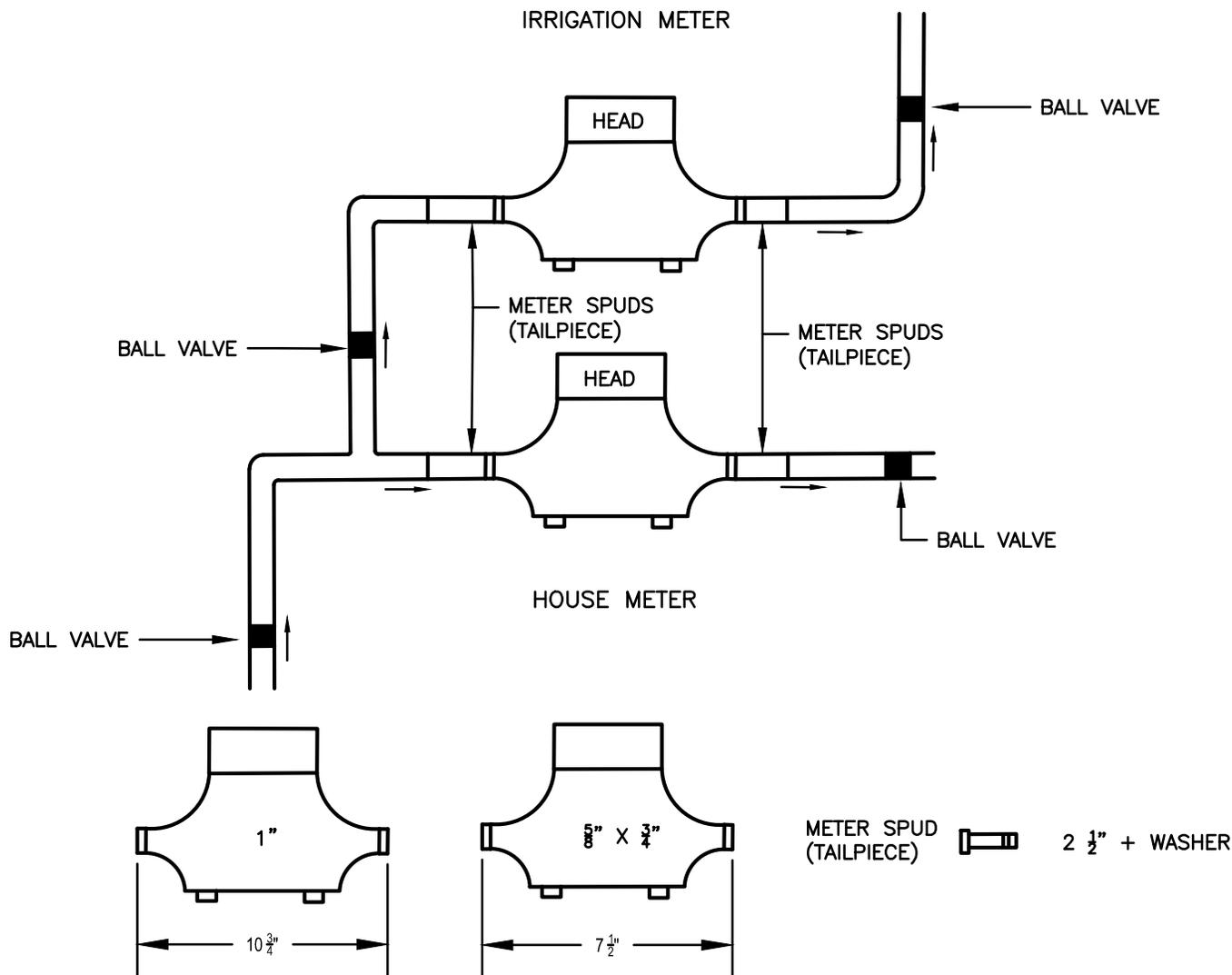
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TYPICAL METER INSTALLATION

N.T.S

Detail Number:
W-8.2



NOTES:

1. DEDUCT METERS ARE NOT ALLOWED
2. METER MUST BE PLUMBED IN BEFORE EXISTING METER.
3. 12-INCH SPACE REQUIRED FOR INSTALLATION OF 3/4" METER WITH TWO (2) 3/4" TAILPIECES.
4. 16-INCH SPACE REQUIRED FOR INSTALLATION OF 1" METER WITH TWO (2) 1" TAILPIECES.
5. BACKFLOW IS REQUIRED PER PLUMBING REGULATIONS.
6. ADVANCE NOTICE REQUIRED FOR SCHEDULING INSTALLATION APPOINTMENT OF WATER METER.
7. WATER DEPARTMENT DOES NOT PROVIDE PLUMBING SERVICES.
8. WATER METERS INSTALLED BY WATER DEPARTMENT PERSONNEL ONLY.
9. BALL VALVES INSTALLED BEFORE AND AFTER WATER METER.
10. ALL UNDERGROUND OR CONCEALED LAWN OR GARDEN WATER SYSTEMS OF ANY TYPE SHALL HAVE A MOISTURE SENSOR SWITCH DEVICE INCORPORATED INTO THEIR CONTROL SYSTEM. THIS MOISTURE SENSOR WILL POSITIVELY PREVENT AUTOMATED WATER SYSTEMS FROM ACTIVATING DURING ANY/ALL RAIN EVENTS. ALL COSTS ASSOCIATED WITH THE PURCHASE, INSTALLATION, AND MAINTENANCE OF THESE DEVICES ARE THE RESPONSIBILITY OF THE PROPERTY OWNER.



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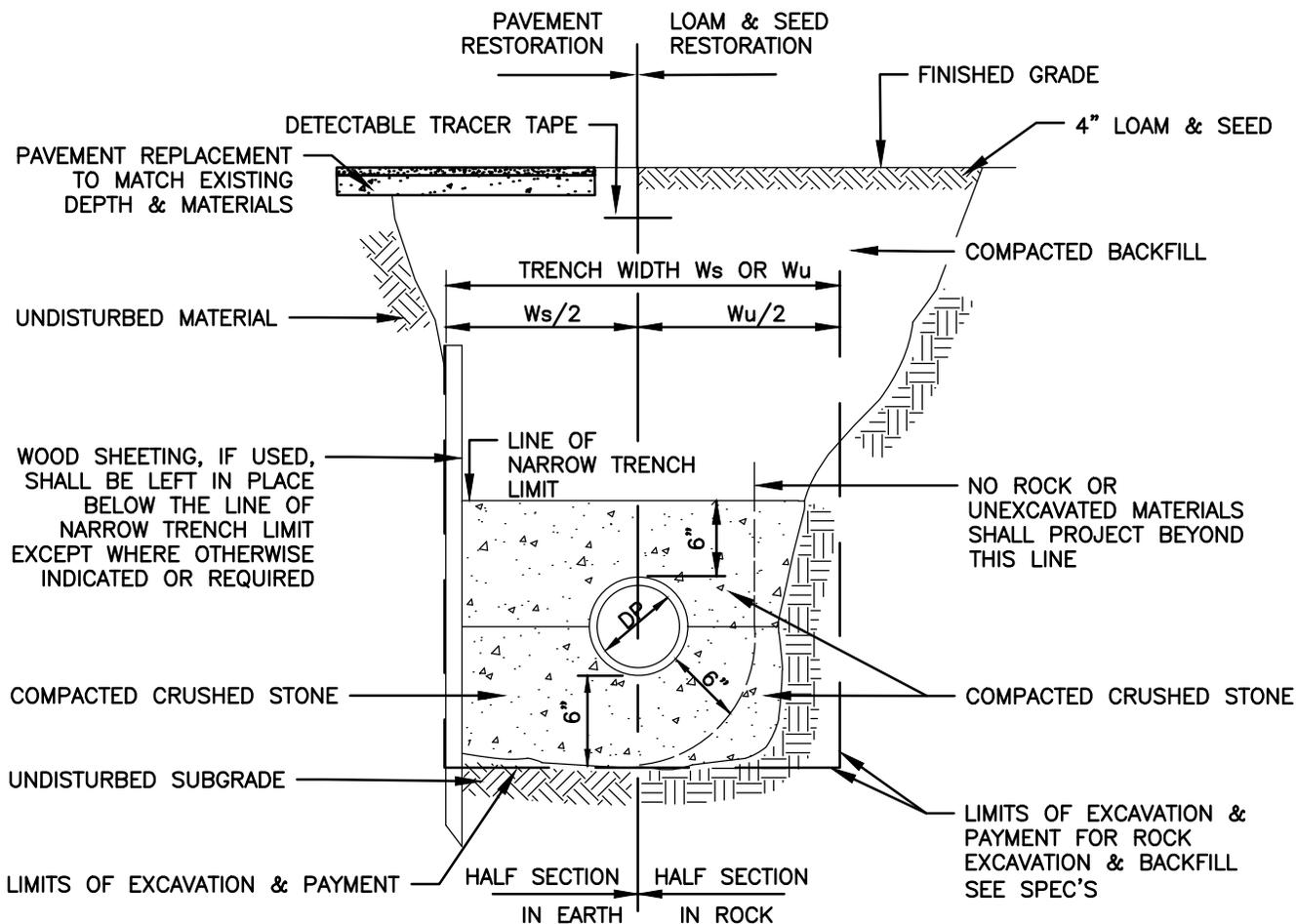
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IRRIGATION METER
N.T.S

Detail Number:
W-8.3

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SEWER CONSTRUCTION DETAILS





NOTE:
FOR DP, Wu, & Ws,
SEE TABLE A

TABLE A

DIAMETER OF PIPE (DP)	UNSHEETED (Wu)	SHEETED (Ws)
12" AND SMALLER	3' - 4"	4' - 6"
15"	3' - 6"	4' - 8"
18"	3' - 10"	5' - 0"
21"	4' - 2"	5' - 4"
24"	4' - 6"	5' - 8"
27"	4' - 10"	6' - 0"
30"	5' - 6"	6' - 8"
36"	6' - 2"	7' - 4"
42"	6' - 10"	8' - 0"
48"	7' - 6"	8' - 8"

NOTE:
SUITABLE BACKFILL SHALL BE SELECTED FROM EXCAVATED MATERIALS AND IS SUBJECT TO THE APPROVAL OF THE NADPW. FRACTURED ROCK OR HAMMERED/BROKEN LEDGE SHALL NOT BE USED FOR BACKFILL.



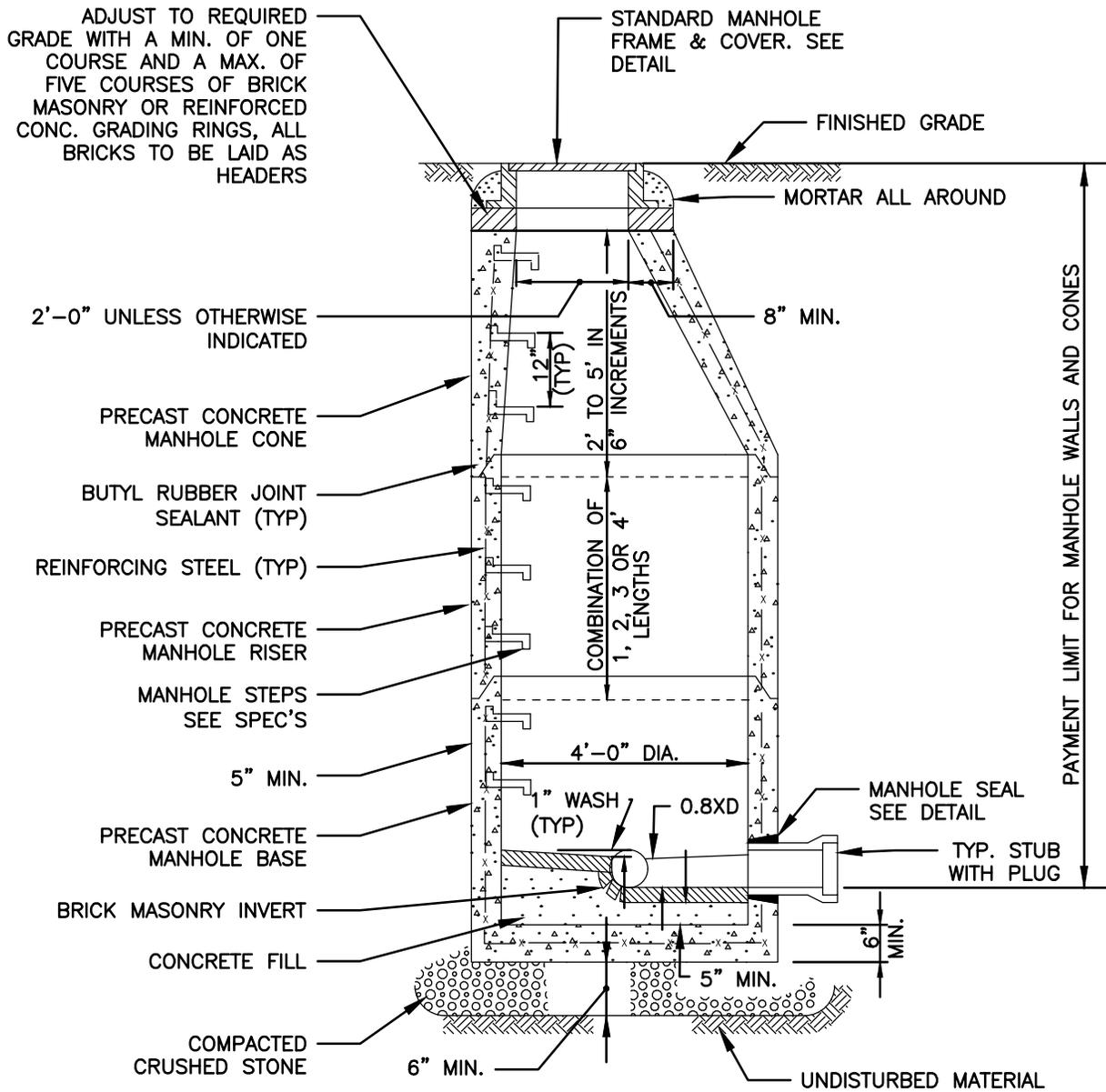
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SEWER TRENCH SECTION DETAIL

N.T.S.

Detail Number:
S-1.1



NOTE:

1. PLUG ALL LIFTING HOLES IN & OUT WITH HYDRAULIC CEMENT



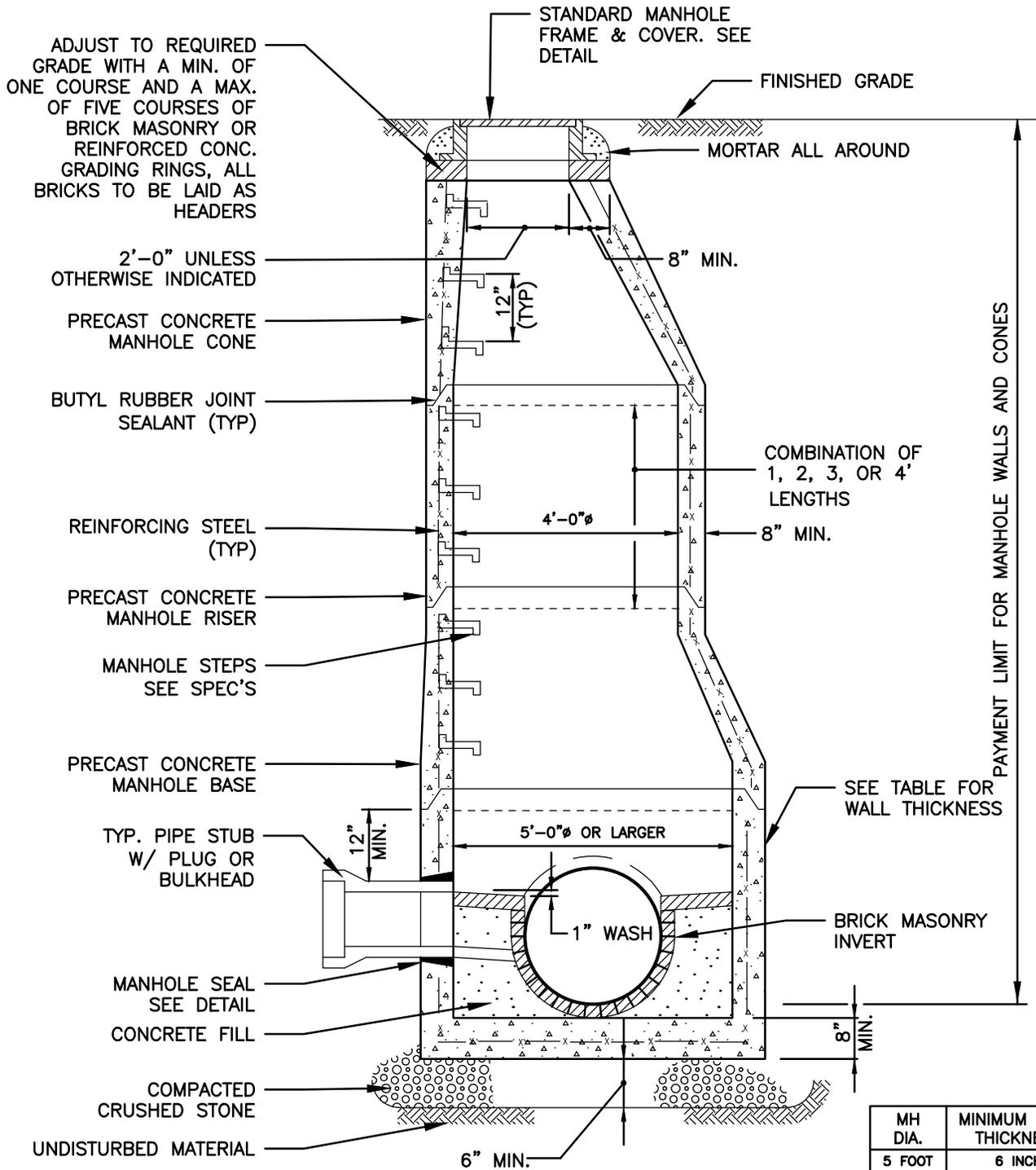
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4' DIA SEWER MANHOLE DETAIL

N.T.S.

Detail Number:
S-2.1



NOTE:

1. PLUG ALL LIFTING HOLES IN & OUT WITH HYDRAULIC CEMENT



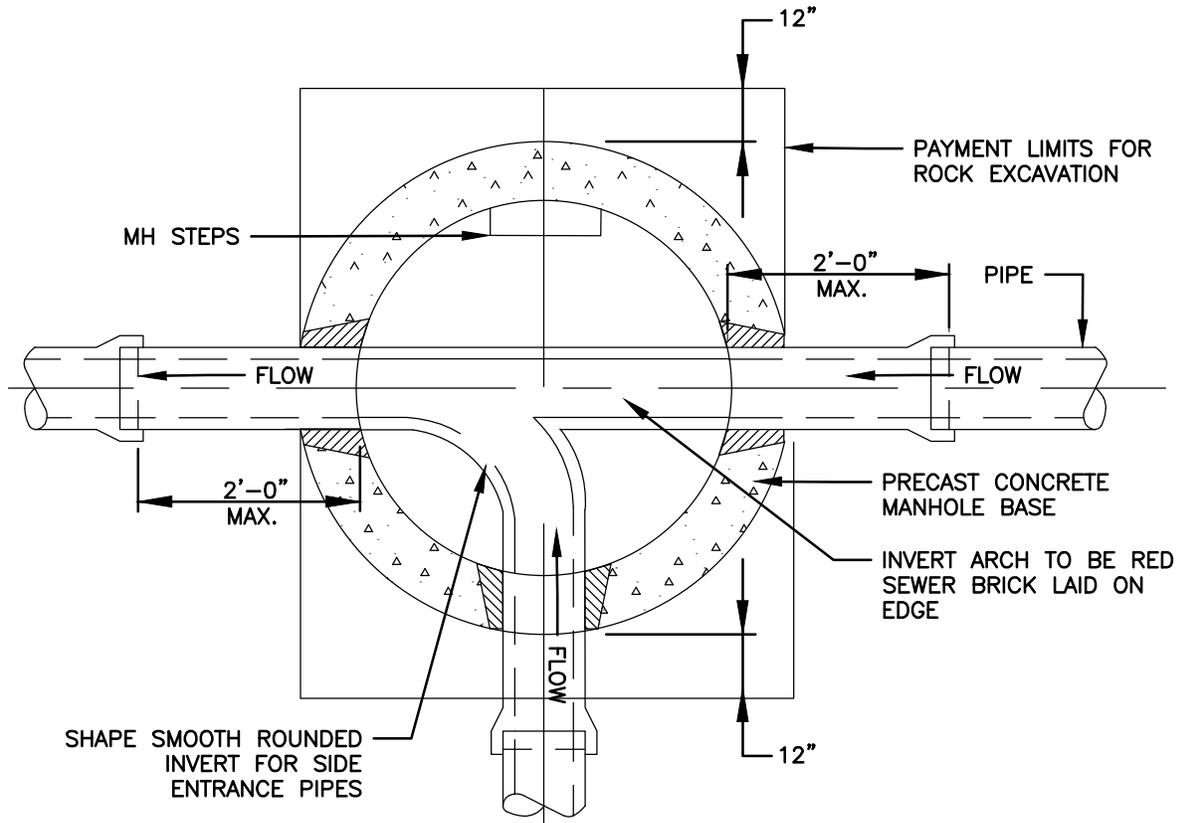
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5'+ DIA SEWER MANHOLE DETAIL

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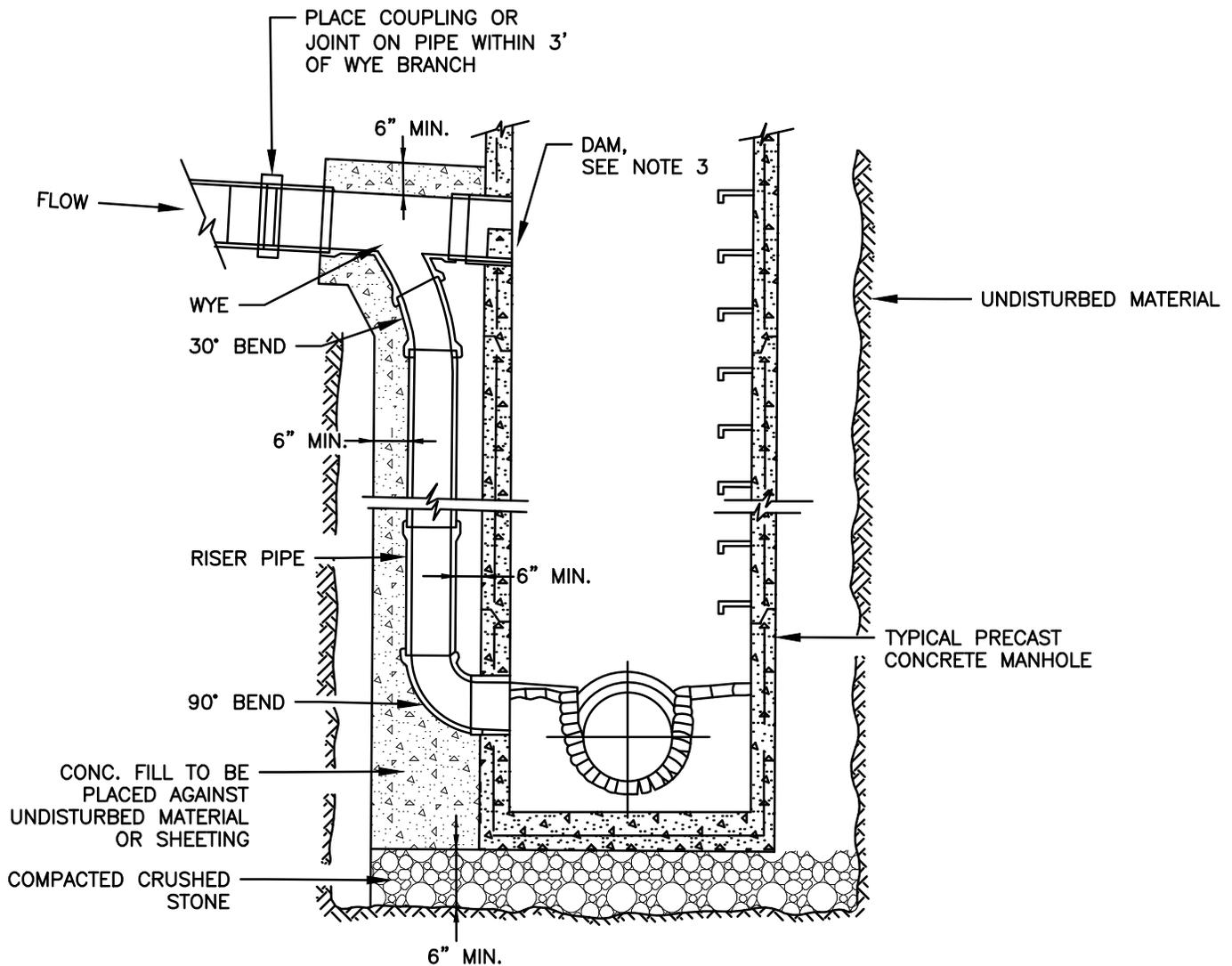
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SEWER MANHOLE INVERT DETAIL

N.T.S.

Detail Number:
S-2.3



NOTES:

1. DROP PIPE TO BE SAME DIAMETER AS SEWER DISCHARGE INTO MANHOLE UNLESS OTHERWISE SHOWN ON DRAWINGS.
2. DIMENSIONS & CONSTRUCTION OF DROP MANHOLE TO BE SIMILAR TO TYPICAL MANHOLE EXCEPT AS SHOWN.
3. FOR PVC PIPE, EPOXY HALF PLUG TO PIPE. FOR DI, VC AND RC PIPE, MORTAR AND BRICK IN PIPE.



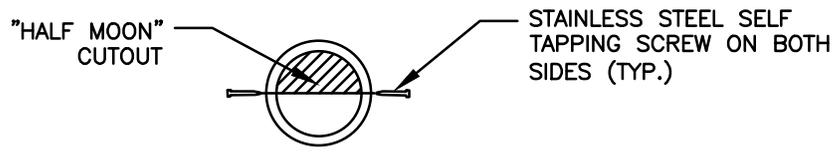
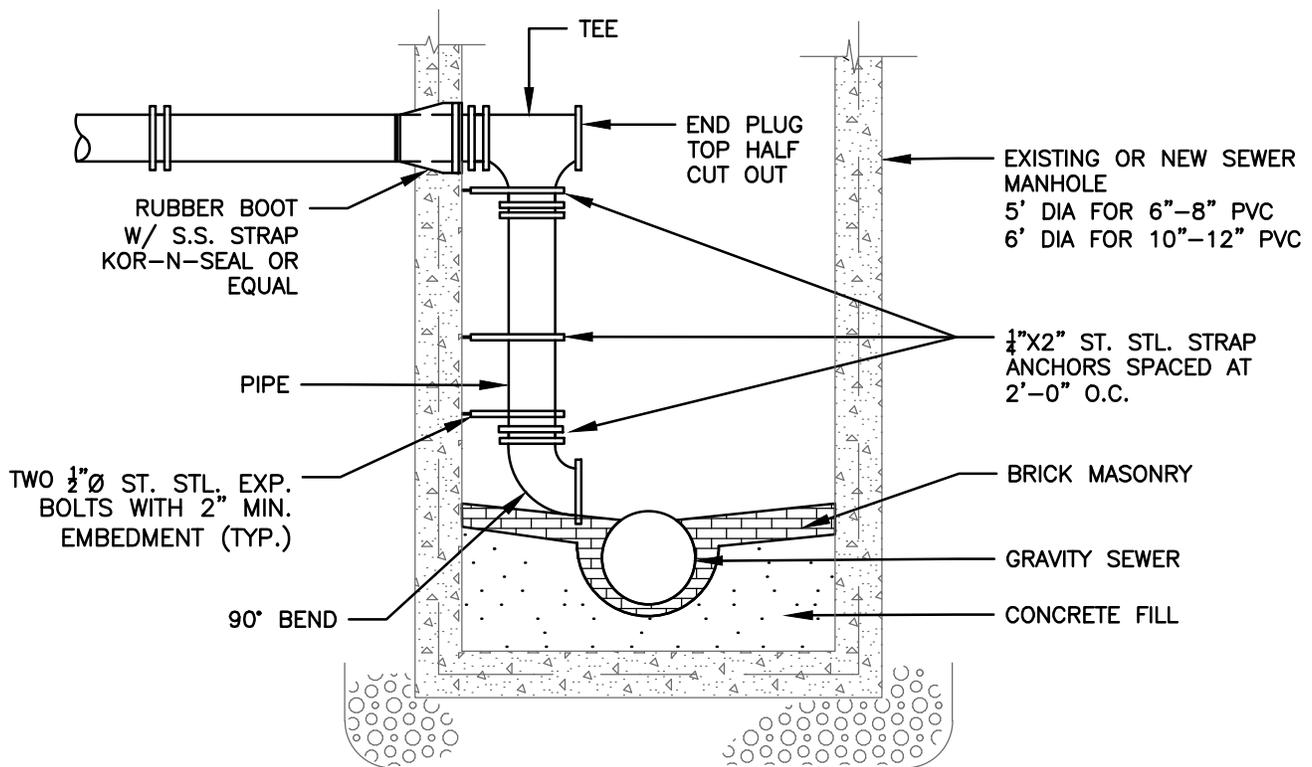
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DROP INLET MANHOLE (OUTSIDE) DETAIL

N.T.S.

Detail Number:
S-2.4



END CAP/PLUG DETAIL

NOTES:

1. DROP PIPE MATERIALS TO BE SAME AS PIPELINE MATERIALS.
2. DIMENSIONS & CONSTRUCTION OF MANHOLE TO BE SIMILAR TO TYP. MANHOLE EXCEPT AS SHOWN.
3. ALL INSIDE DROPS MUST BE APPROVED BY THE NORTH ATTLEBORO DPW (OUTSIDE DROP IS THE PREFERRED METHOD).
4. 5' MIN. DIAMETER MANHOLE IS REQUIRED FOR ALL INSIDE DROPS.



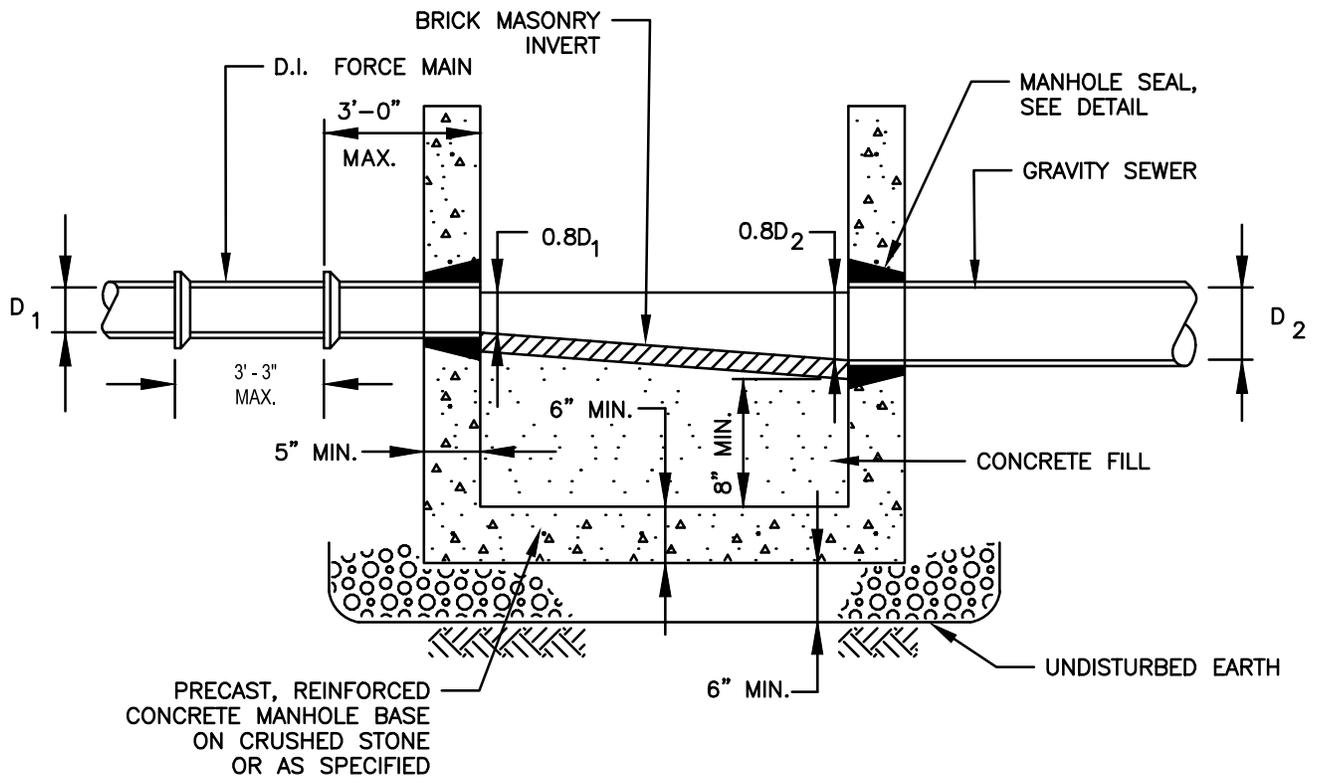
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DROP INLET MANHOLE (INSIDE) DETAIL

N.T.S.

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S-2.5



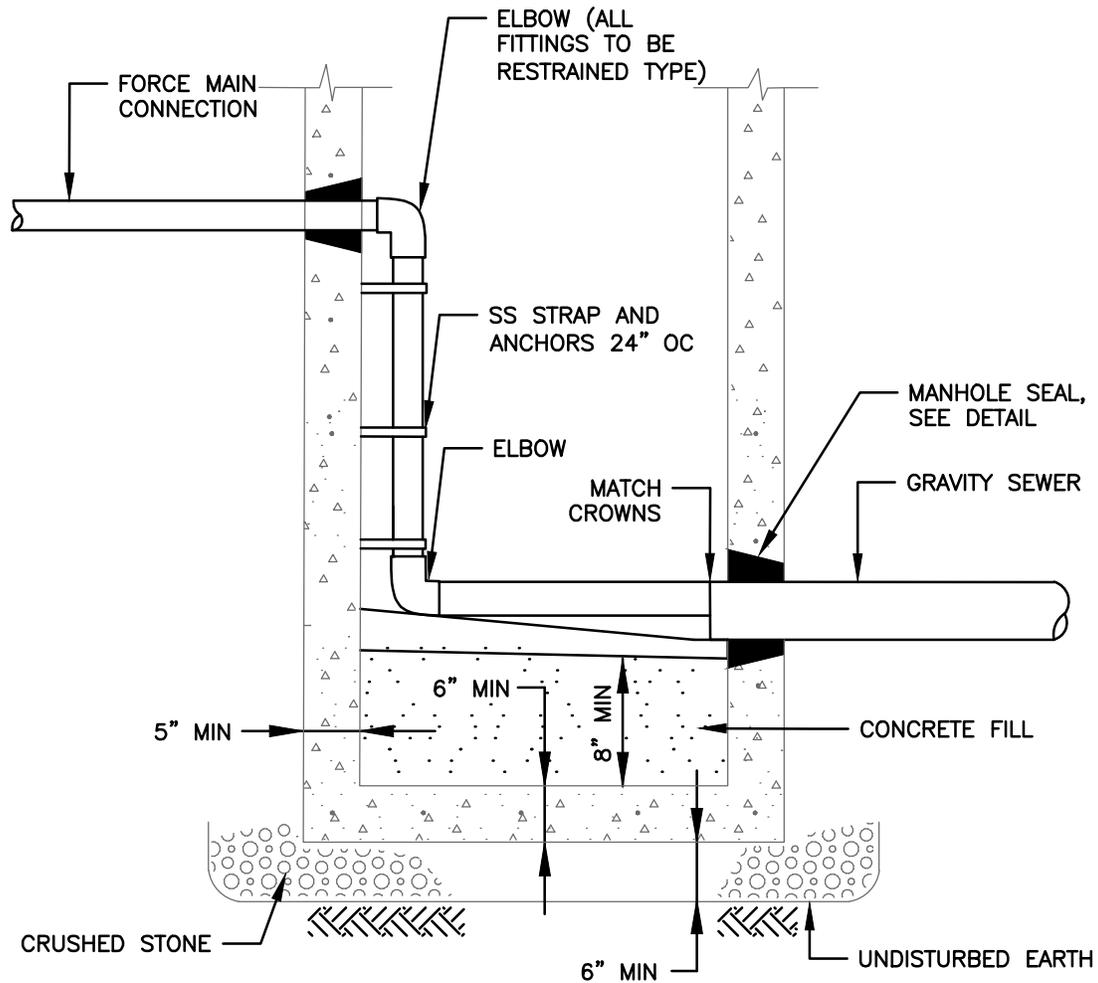
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SEWER MANHOLE (FORCE MAIN TO
 GRAVITY) DETAIL

N.T.S.

Detail Number:
 S-2.6



NOTES:

1. MATCH CROWNS OF PIPELINES OR TRANSITION CHANNEL TO DIRECT FLOW INTO GRAVITY SEWER



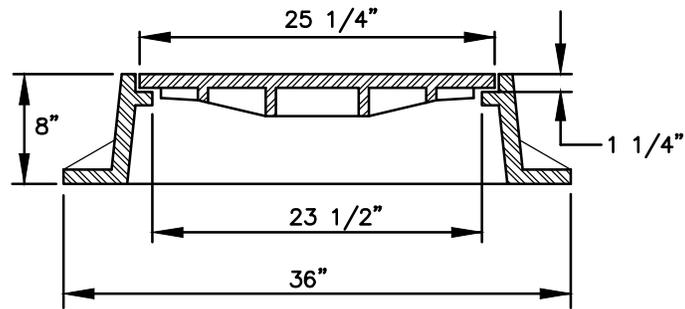
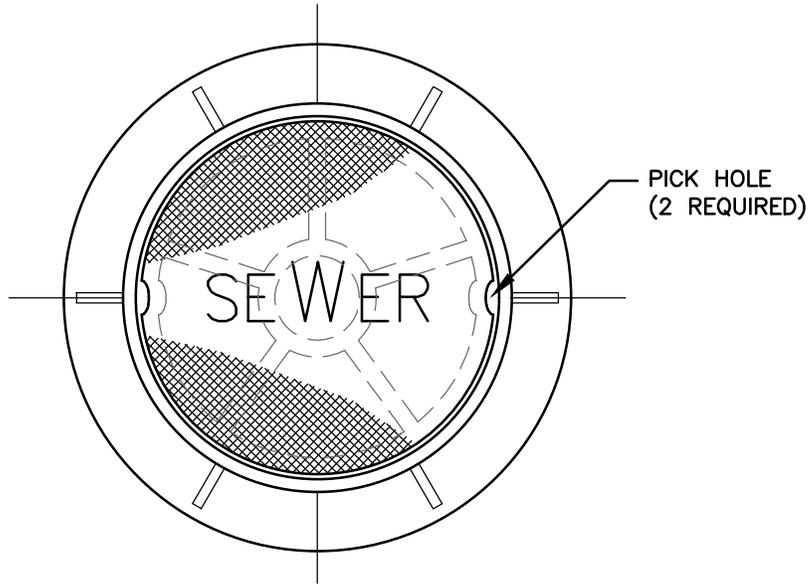
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Date Last Updated:
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SEWER MANHOLE (FORCE MAIN TO
GRAVITY REQUIRING INSIDE DROP) DETAIL

Detail Number:
S-2.7

N.T.S.



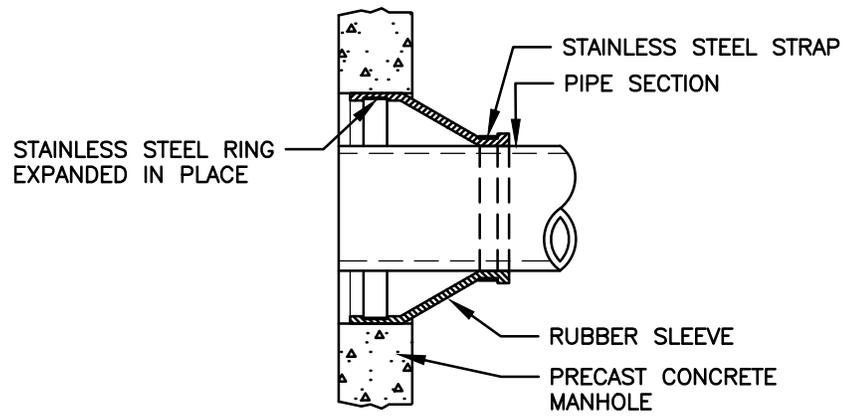
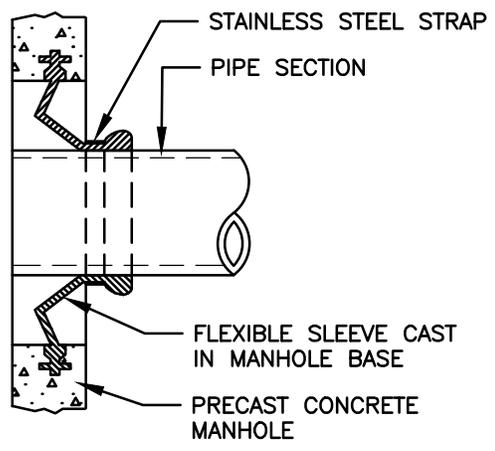
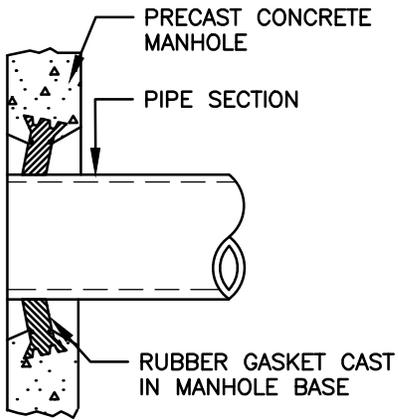
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DEPARTMENT OF PUBLIC WORKS

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SEWER MANHOLE COVER DETAIL

N.T.S.

Detail Number:
S-2.8



- NOTES:**
 1. NON-SHRINK HYDRAULIC CEMENT GROUT

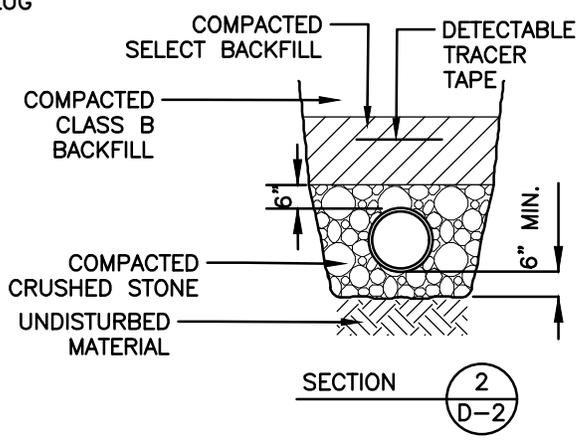
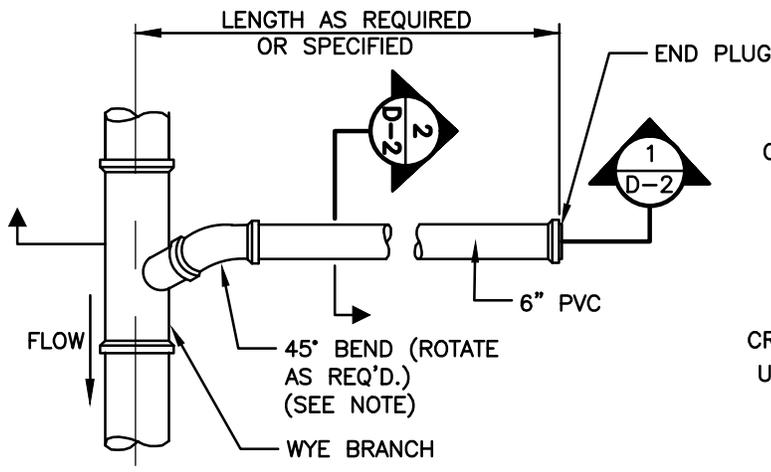


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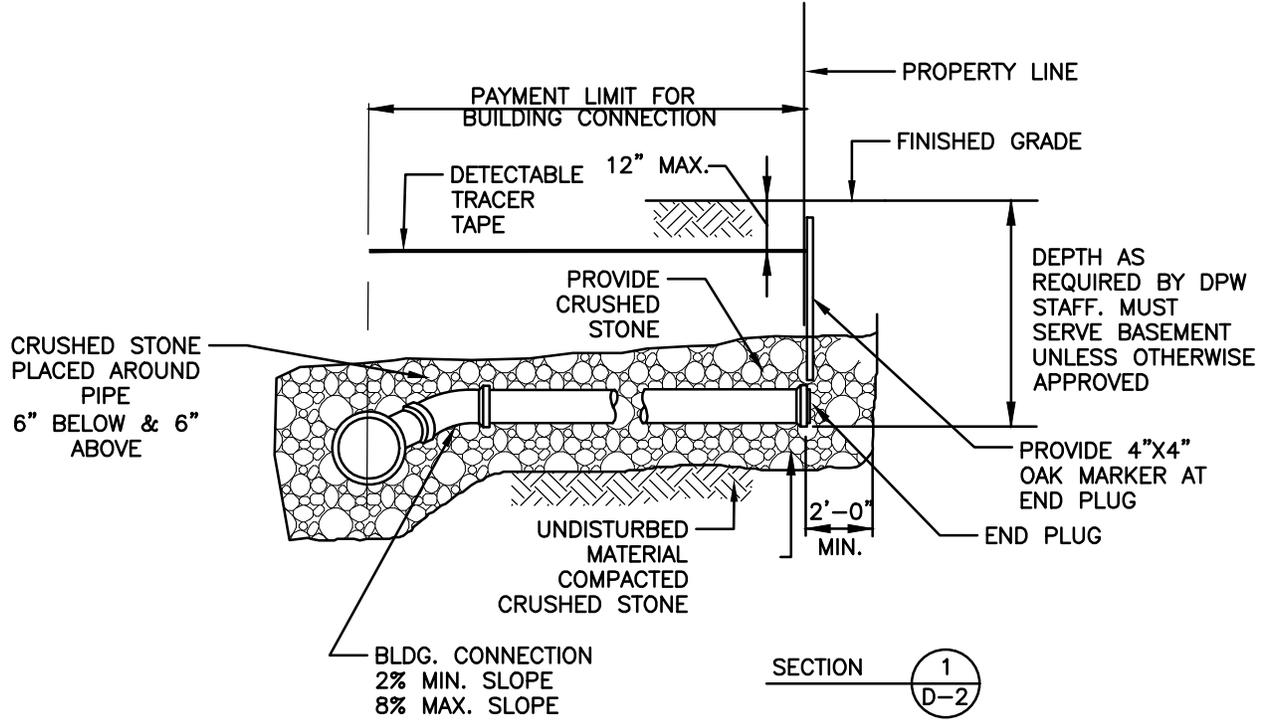
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MANHOLE SEAL DETAIL
 N.T.S.

Detail Number:
 S-2.9



PLAN



NOTE:
BE SURE THAT END OF BELL ON WYE BRANCH DOES NOT RUB ON UNDERSIDE OF 45° BEND.



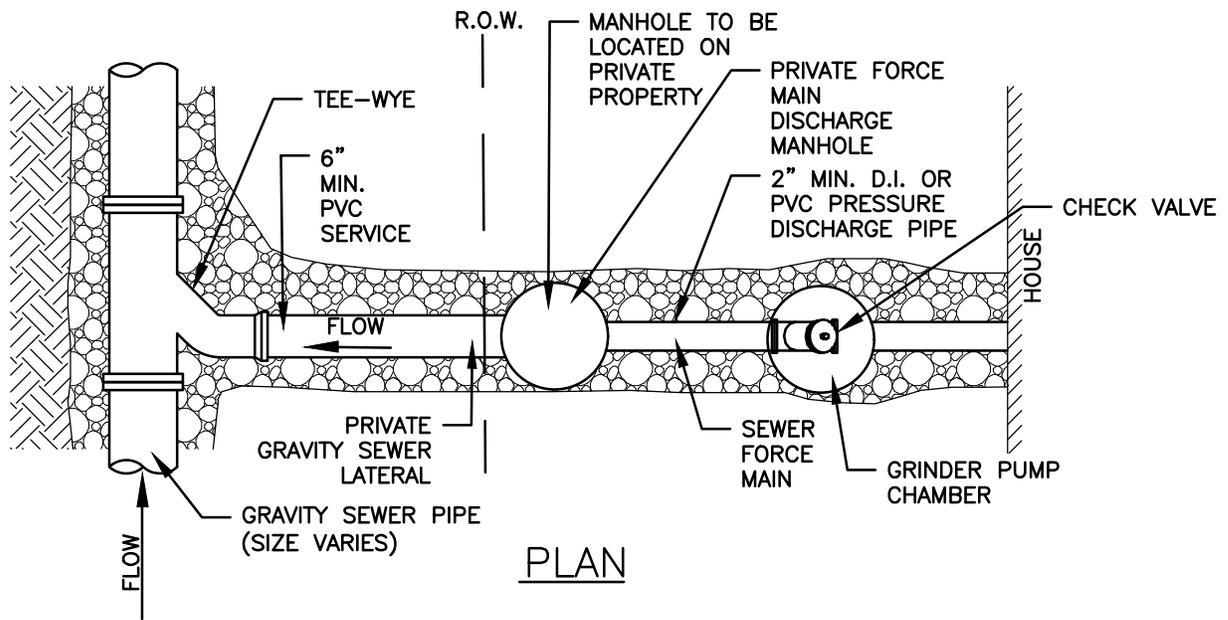
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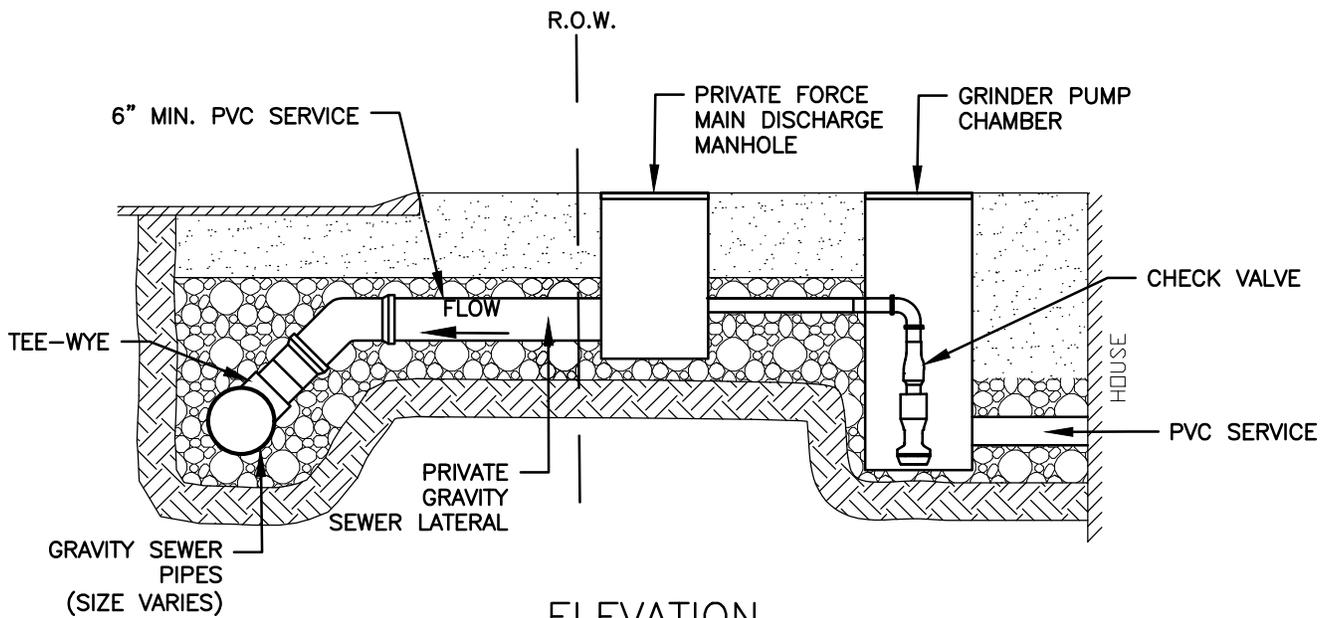
SEWER SERVICE CONNECTION DETAIL

N.T.S.

Detail Number:
S-3.1



PLAN



ELEVATION

NOTES:

1. PIPE SIZES AND DEPTHS VARY.
2. PREFERRED SEWER SERVICE CONNECTION TO SEWER SYSTEM IS GRAVITY SERVICE. DPW WILL REVIEW EACH CASE TO DETERMINE APPROPRIATE CONNECTION TYPE.



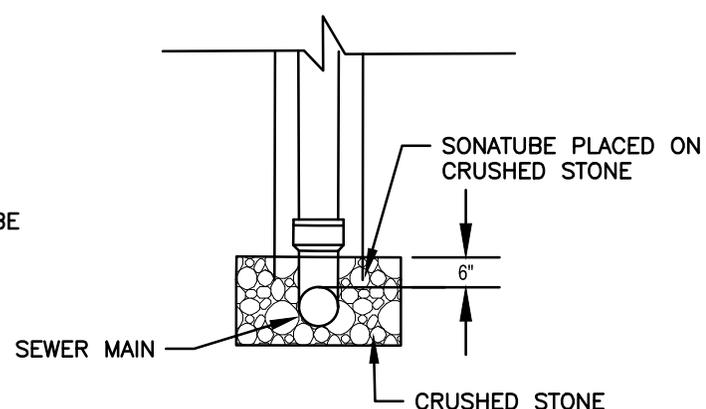
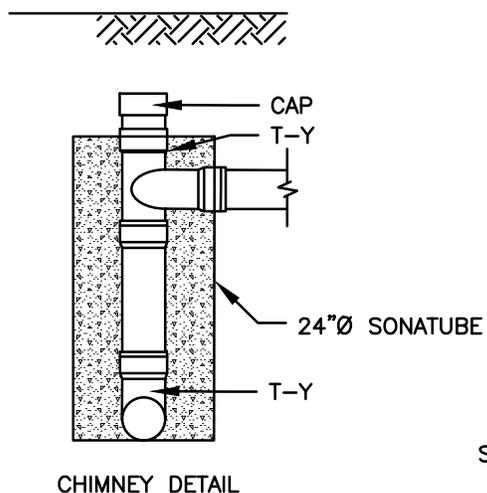
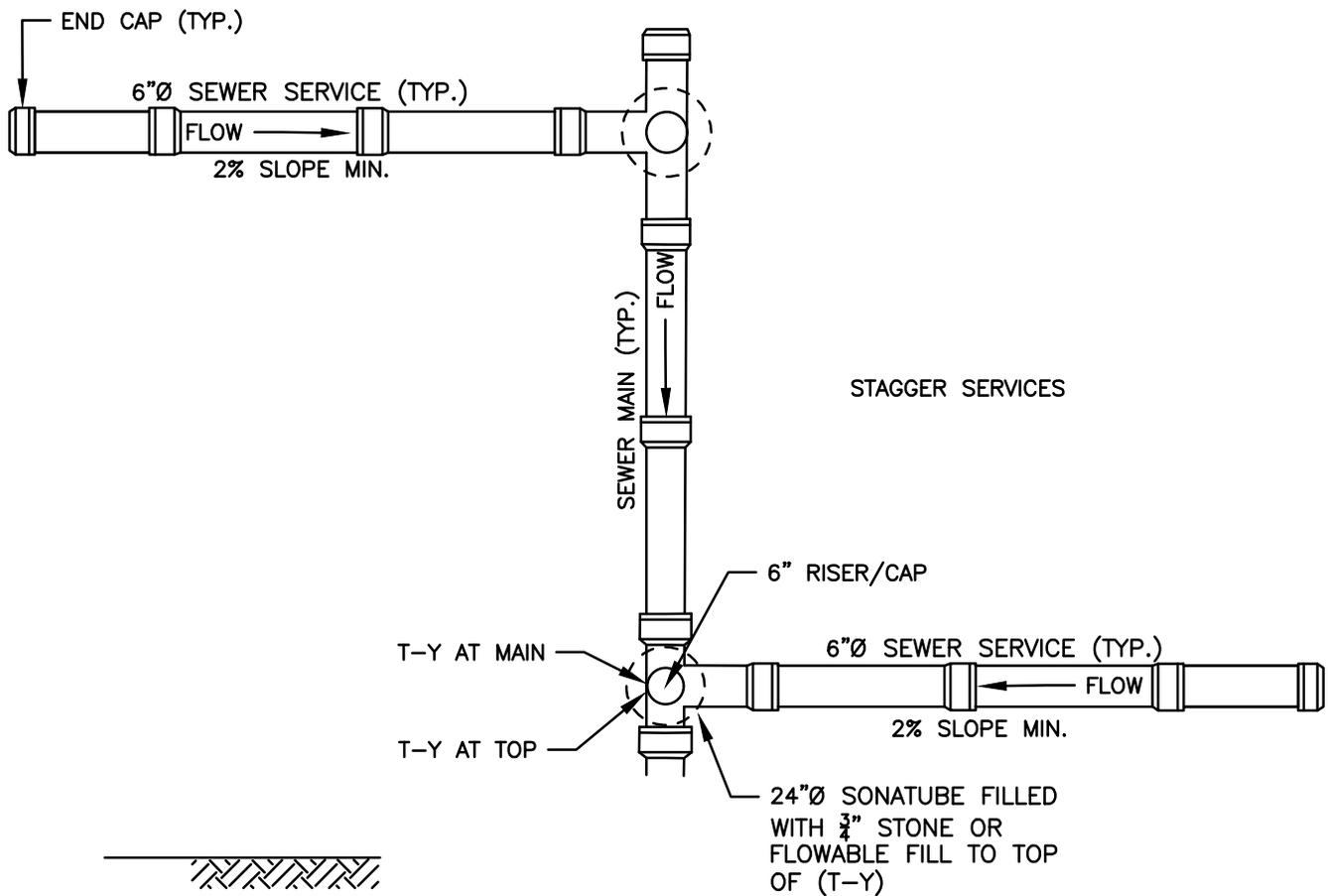
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**SEWER SERVICE CONNECTION DETAIL
(PRIVATE FORCE MAIN TO GRAVITY SEWER MAIN)**

N.T.S.

Detail Number:
S-3.2



NOTES:

1. DEPTH OF SERVICE TO BE DETERMINED BY DPW STAFF. MUST SERVICE BASEMENT.
2. MATERIAL USED TO FILL SONOTUBE TO BE DETERMINED BY DPW STAFF ON A CASE-BY-CASE BASIS.



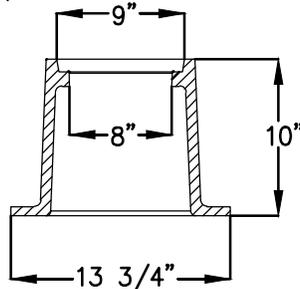
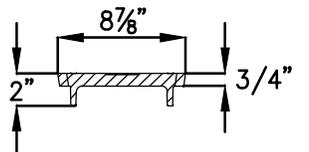
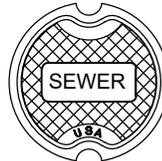
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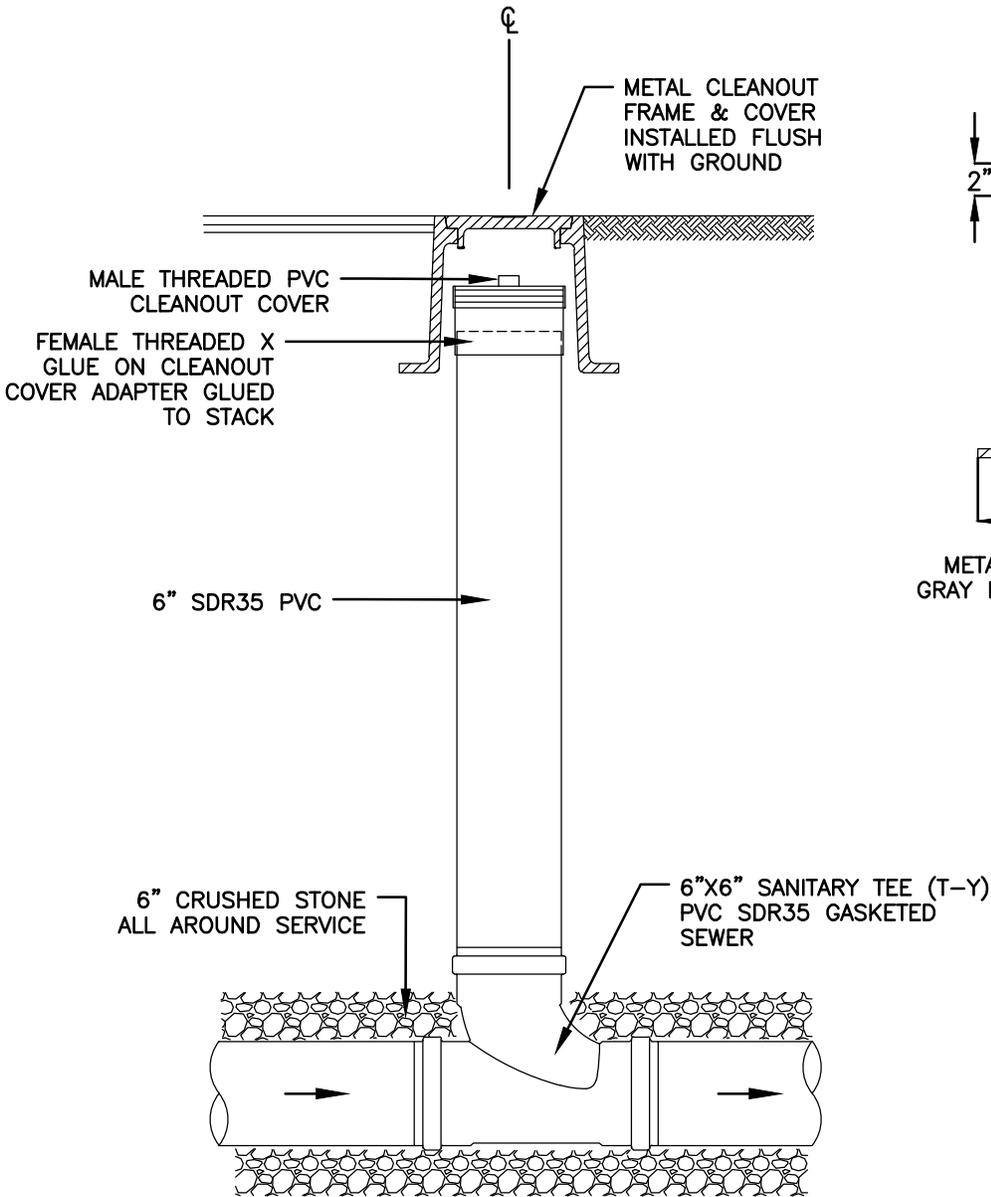
SEWER CHIMNEY DETAIL
N.T.S.

Detail Number:
S-3.3

METAL CLEANOUT COVER
 GRAY IRON ASTM A48 CL35B



METAL CLEANOUT FRAME
 GRAY IRON ASTM A48 CL35B



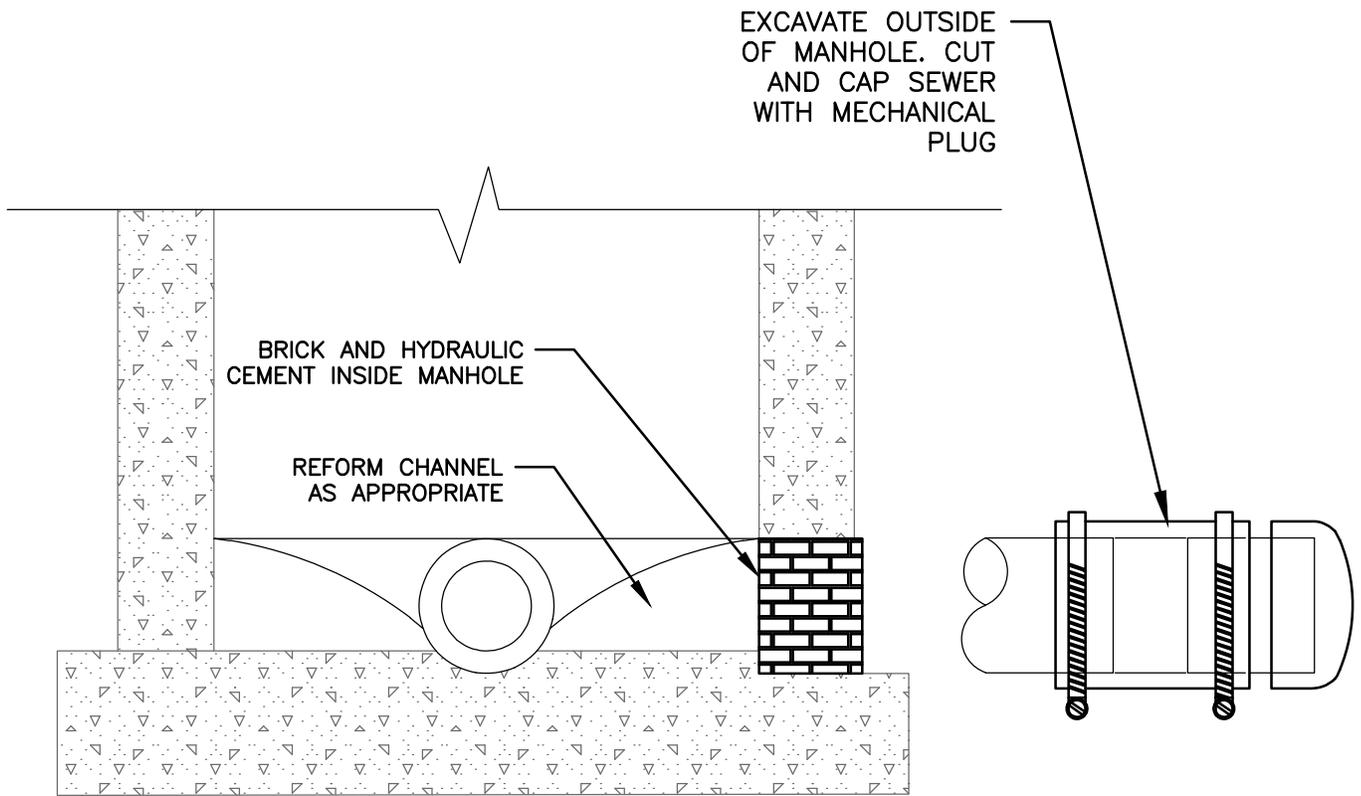
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SEWER SERVICE CLEANOUT DETAIL

N.T.S.

Detail Number:
 S-3.4



NOTE:

1. THIS DRAWING DEPICTS PVC PIPE
2. USE MECHANICAL PLUGS WHEN ABANDONING PLASTIC PIPES
3. FOR LARGER, NON-PVC PIPES – WHERE MECHANICAL PLUG IS NOT APPLICABLE, PIPE TO BE SEALED ON BOTH SIDES OF MANHOLE USING BRICK AND HYDRAULIC CEMENT.



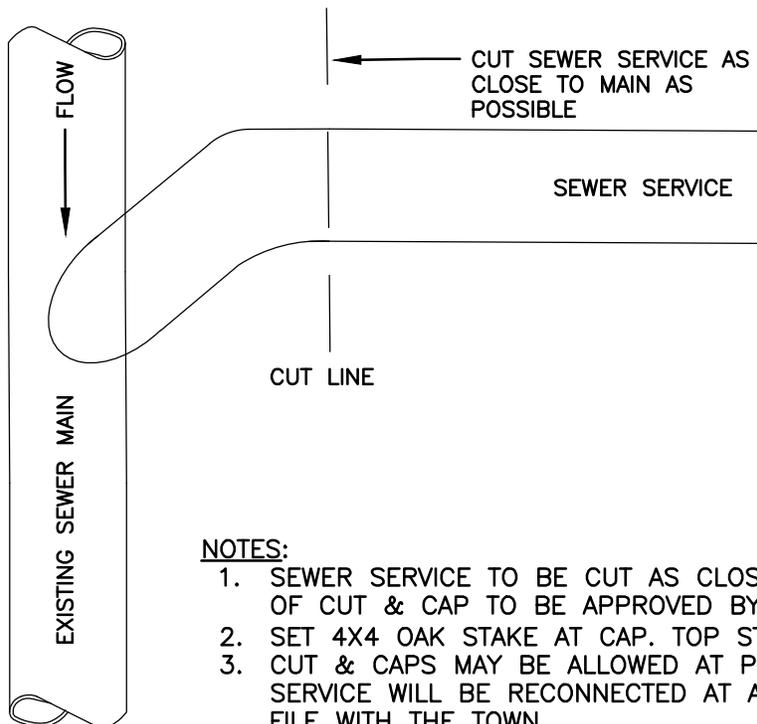
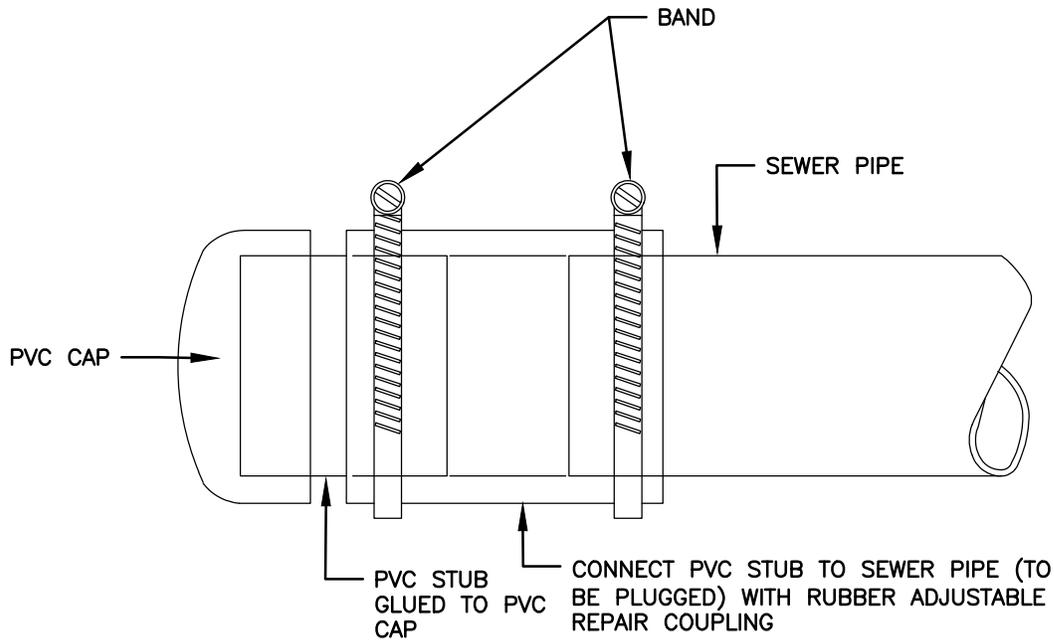
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**PLUG FOR ABANDONING SANITARY
SEWER DETAIL**

N.T.S.

Detail Number:
S-4.1



NOTES:

1. SEWER SERVICE TO BE CUT AS CLOSE TO MAIN AS POSSIBLE. LOCATION OF CUT & CAP TO BE APPROVED BY DPW STAFF.
2. SET 4X4 OAK STAKE AT CAP. TOP STAKE TO BE 24" ABOVE CAP.
3. CUT & CAPS MAY BE ALLOWED AT PROPERTY LINE, PROVIDED THE SERVICE WILL BE RECONNECTED AT A LATER DATE AND A PLAN IS ON FILE WITH THE TOWN.



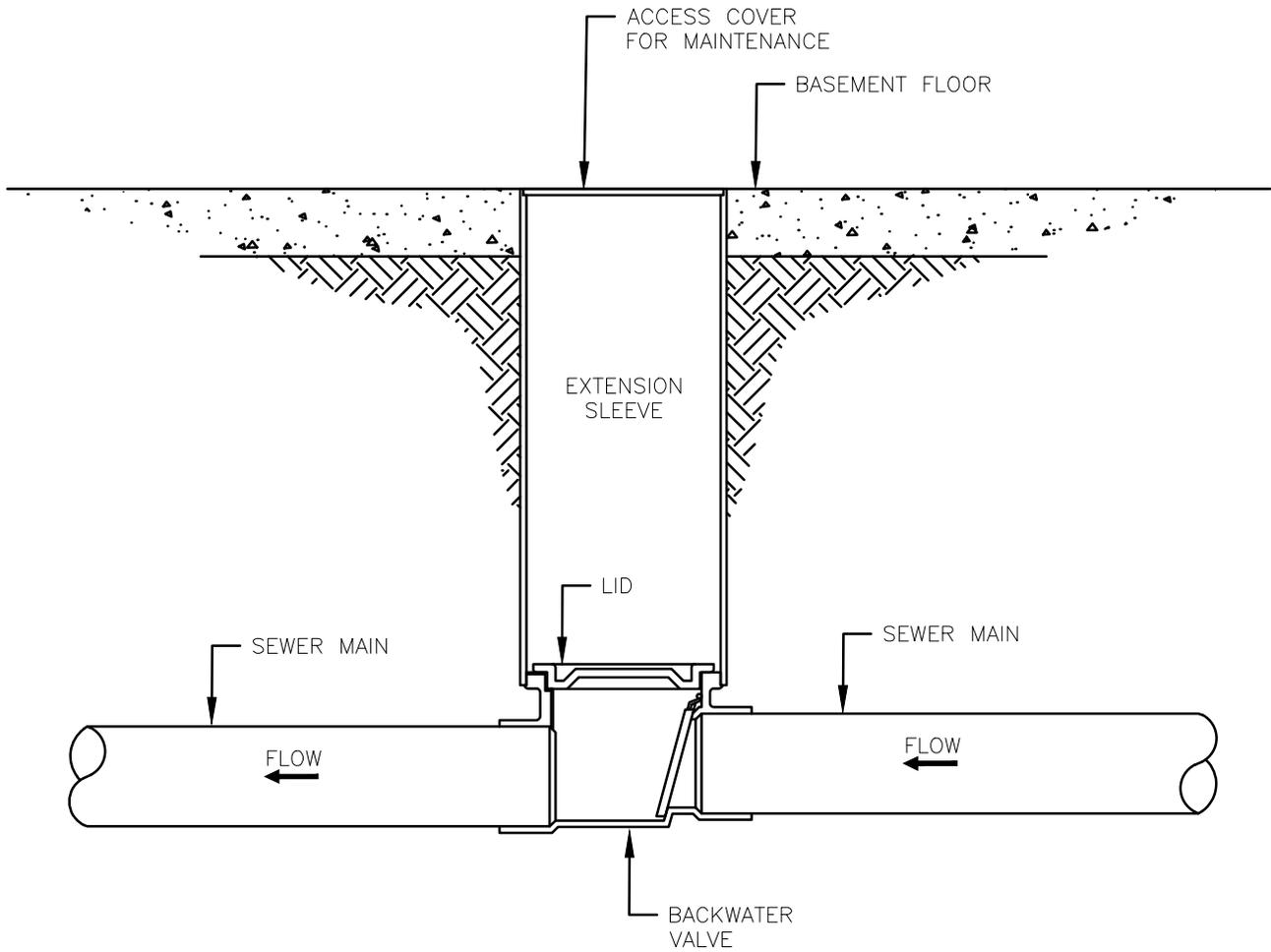
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**CUT AND CAP FOR ABANDONING
SANITARY SEWER SERVICE DETAIL**

N.T.S.

Detail Number:
S-4.2

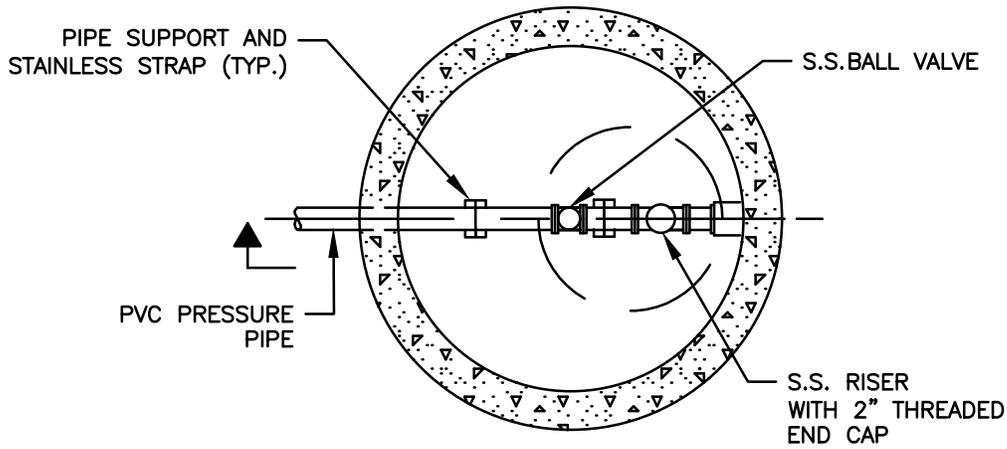


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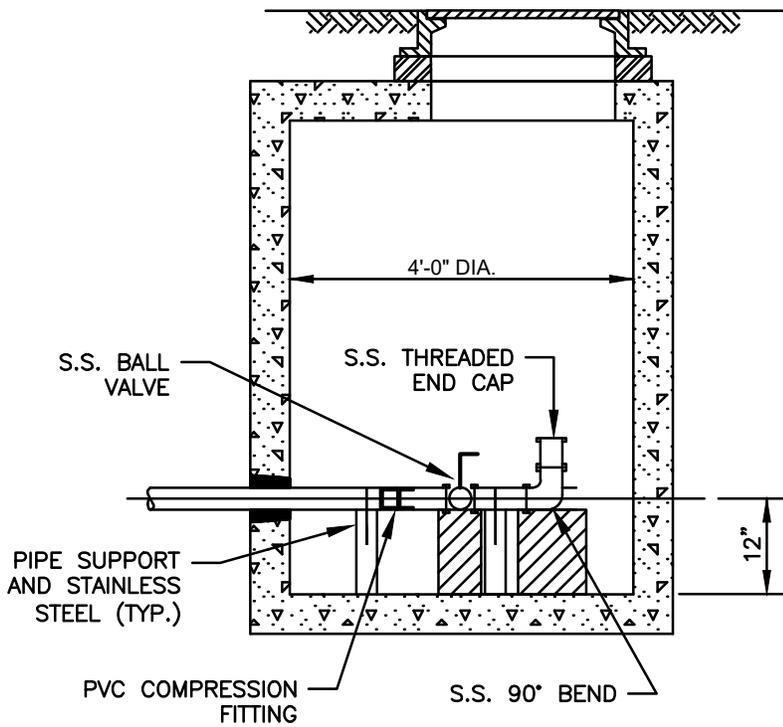
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BACKWATER VALVE ASSEMBLY DETAIL
N.T.S.

Detail Number:
S-5.1



PLAN



NOTES:

1. ALL MANHOLE COMPONENTS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.
2. PROVIDE ADAPTING FITTINGS AS REQUIRED.
- 3 NO BRASS FITTINGS



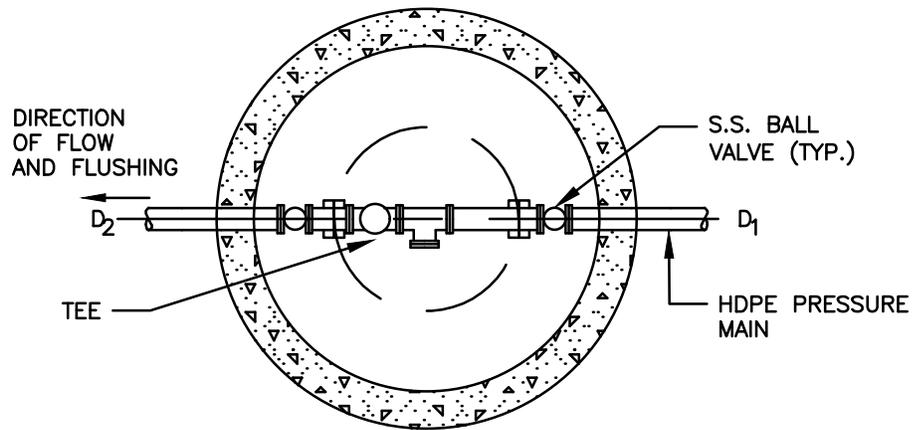
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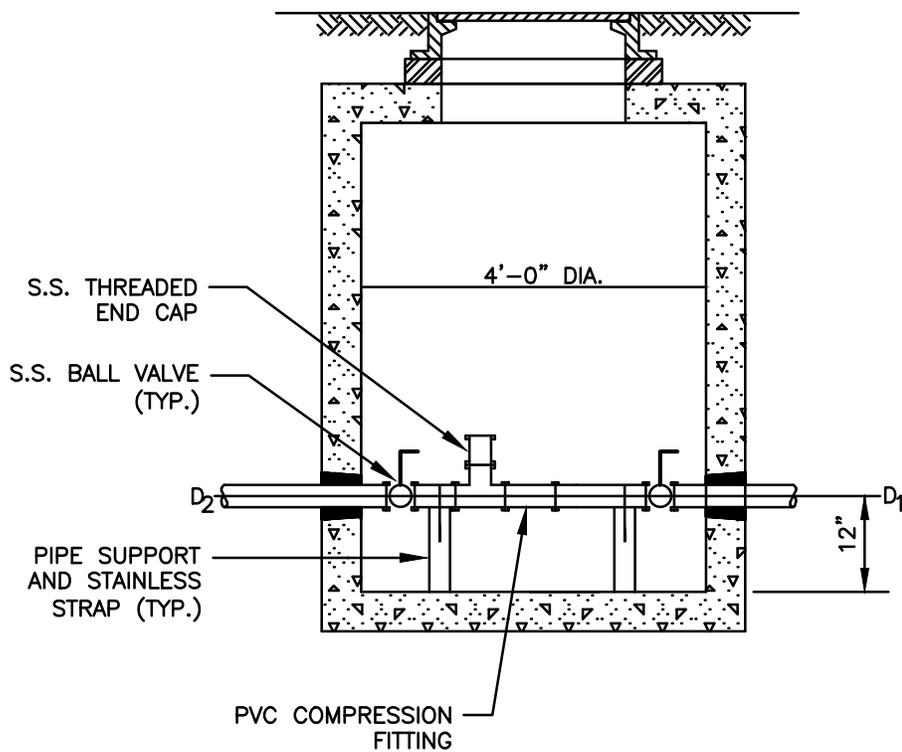
**LOW PRESSURE SEWER - TERMINAL
FLUSHING MANHOLE DETAIL**

N.T.S.

Detail Number:
S-7.1



PLAN



NOTES:

1. ALL MANHOLE COMPONENTS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.
2. PROVIDE ADAPTING FITTINGS AS REQUIRED.
3. NO BRASS FITTINGS
4. ALL FITTINGS SHALL BE STAINLESS STEEL FITTINGS



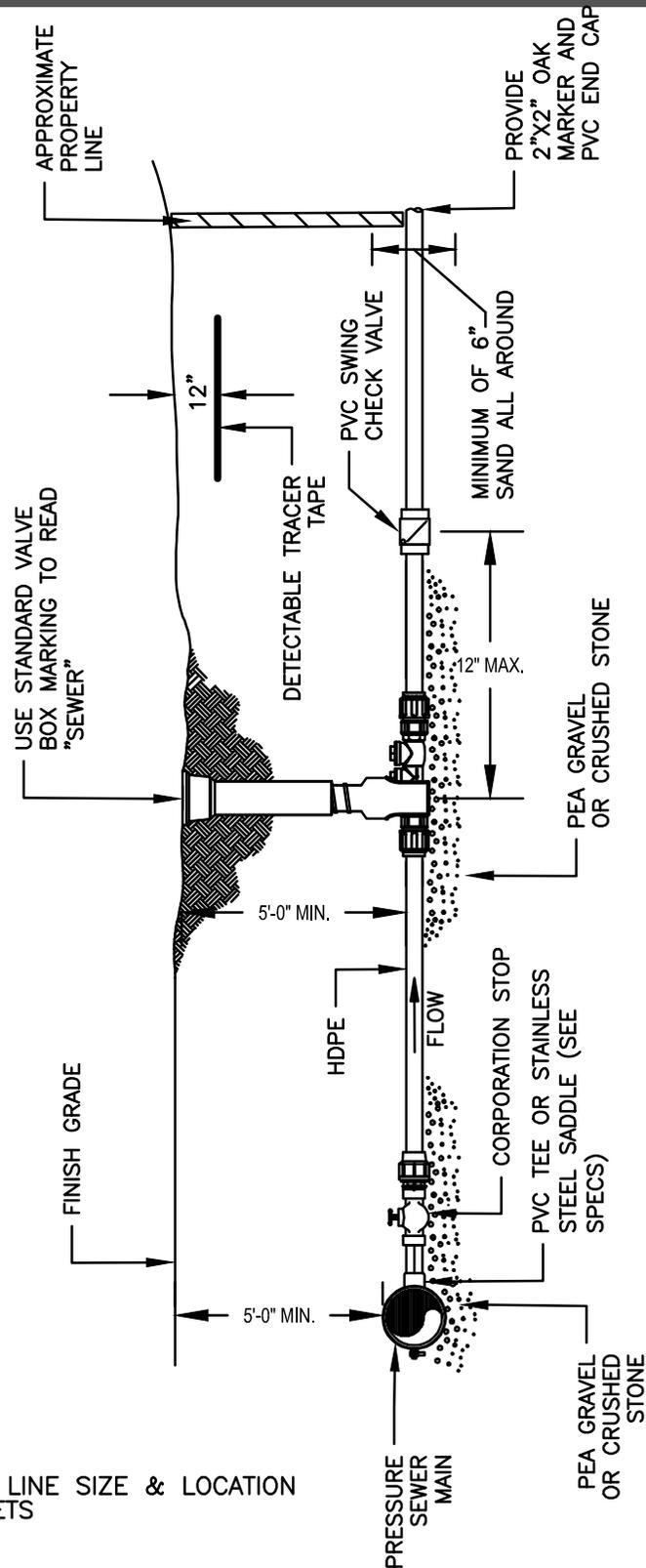
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Date Last Updated:
03/03/2023

**LOW PRESSURE SEWER - INLINE
FLUSHING MANHOLE DETAIL**

N.T.S.

Detail Number:
S-7.2



NOTES:

1. BUILDING CONNECTION LINE SIZE & LOCATION SHOWN ON PLAN SHEETS
2. NO BRASS FITTINGS



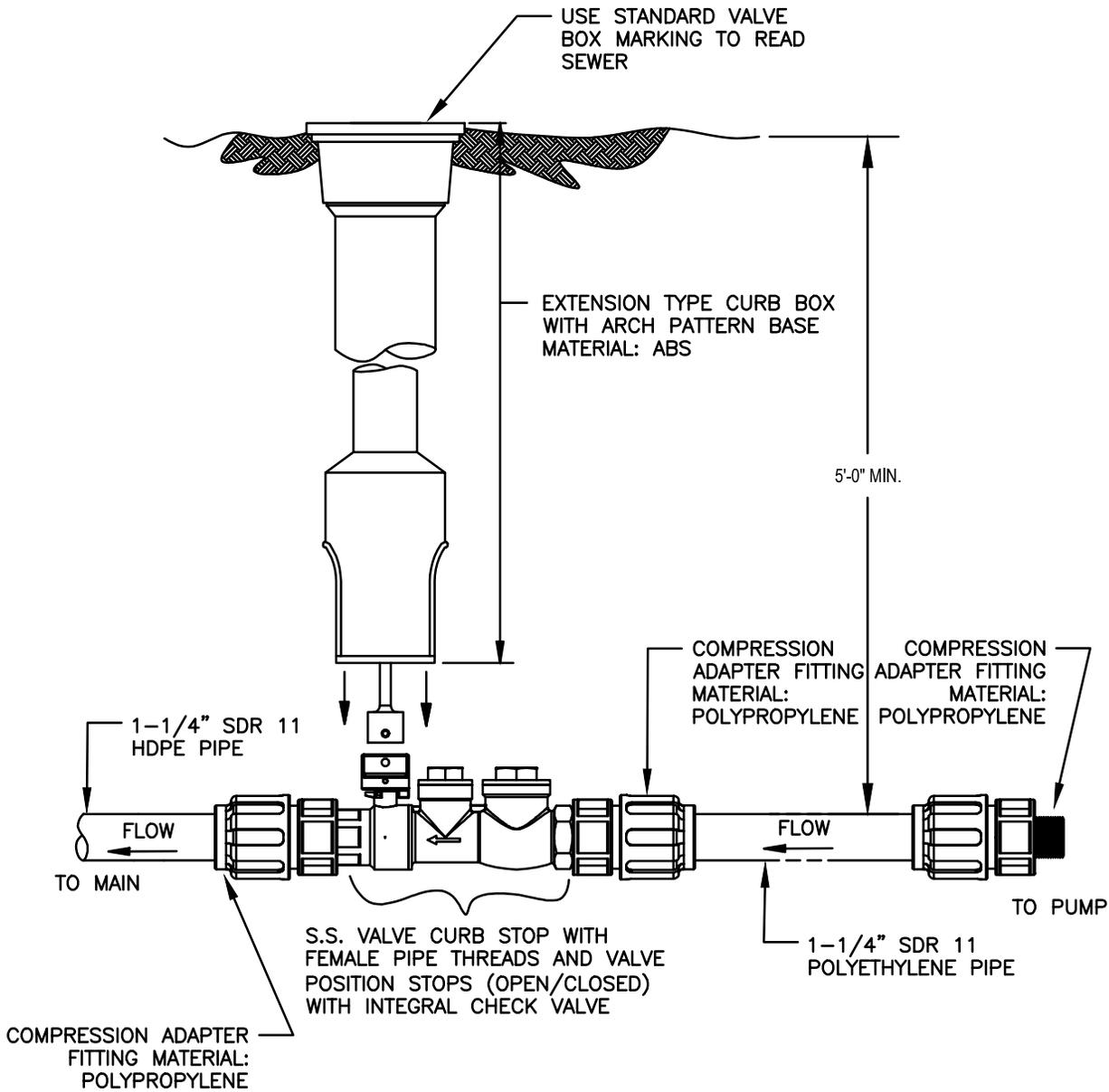
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Date Last Updated:
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LOW PRESSURE SEWER-LATERAL KIT DETAIL PT.1

N.T.S.

Detail Number:
S-7.3



NOTES:

1. TO ASSEMBLE, APPLY A DOUBLE LAYER OF TEFLON TAPE, AND A LAYER OF PIPE DOPE TO THE THREADS ON THE PLASTIC FITTINGS AND INSTALL PER THE MANUFACTURER'S INSTRUCTIONS. (FOR SS FITTING INTO SS THREAD, USE PIPE DOPE OR TEFLON TAPE, NOT BOTH.)
2. ASSEMBLY IS TO BE PRESSURE TESTED.
3. ASSEMBLY IS TO BE USED WITH SDR11 HDPE PIPE.



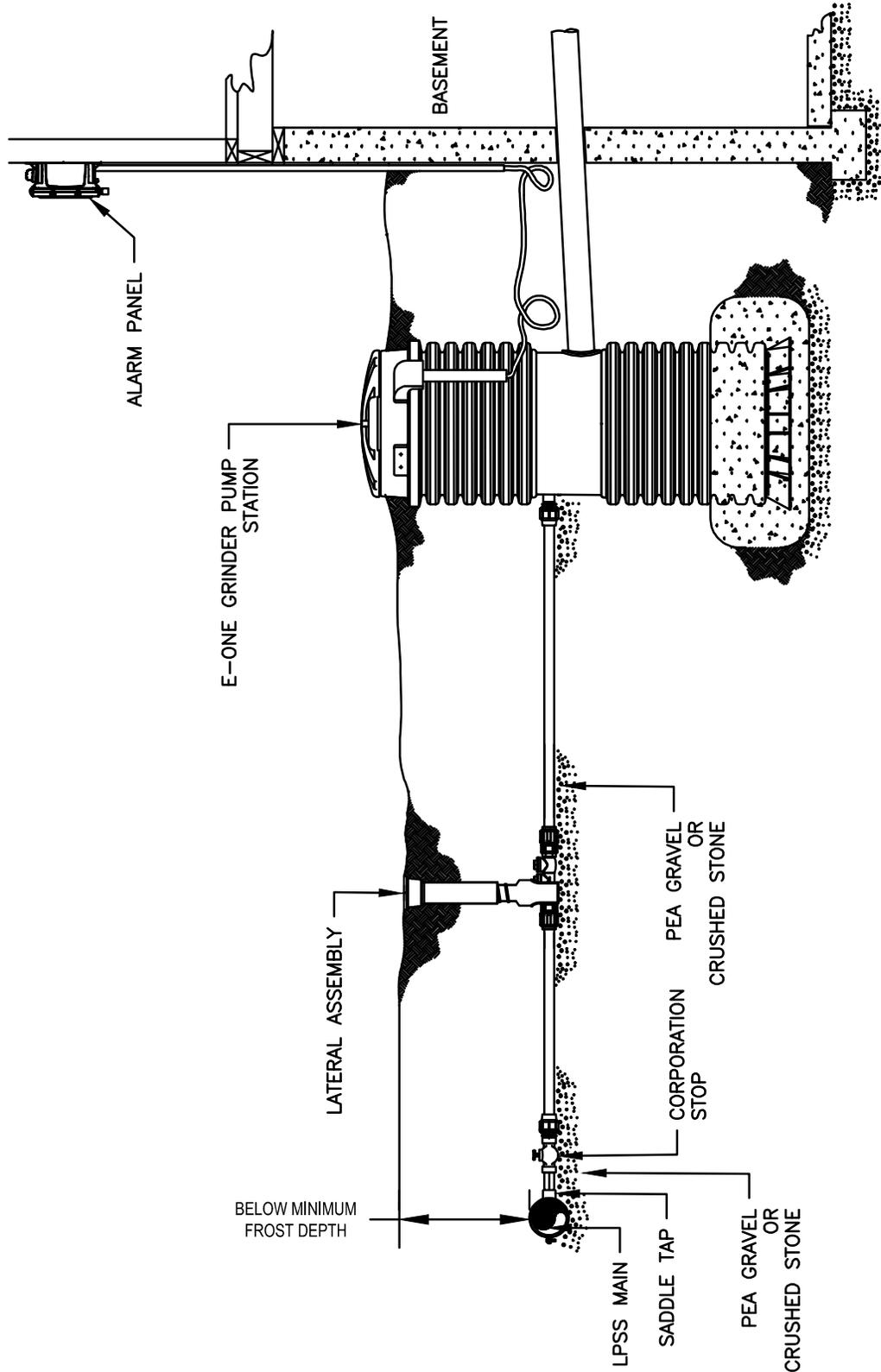
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LOW PRESSURE SEWER-LATERAL KIT DETAIL PT.2

N.T.S.

Detail Number:
S-7.4



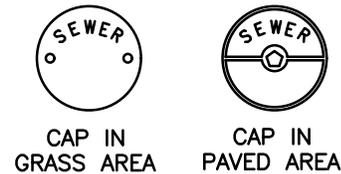
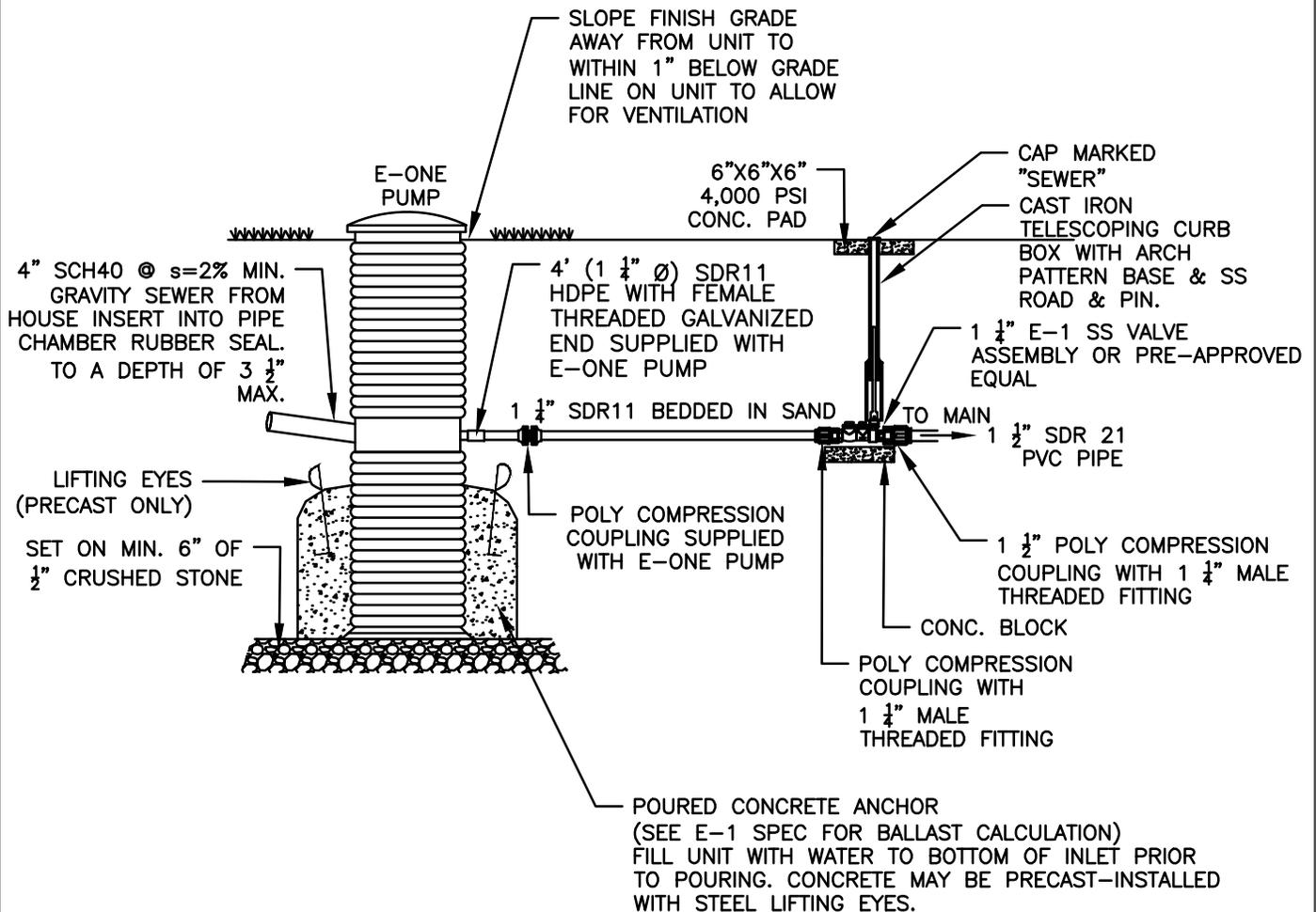
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LOW PRESSURE SEWER - BUILDING/PUMP
CONNECTION DETAIL PT.1

Detail Number:
S-7.5

N.T.S.



NOTES:

1. DO NOT DROP, ROLL, OR LAY UNIT ON IT'S SIDE.
2. ALL PRESSURE PIPE AND FITTINGS TO HAVE A MINIMUM 4' COVER AND ARE TO BE BEDDED IN SAND A MINIMUM OF 6" ALL AROUND.



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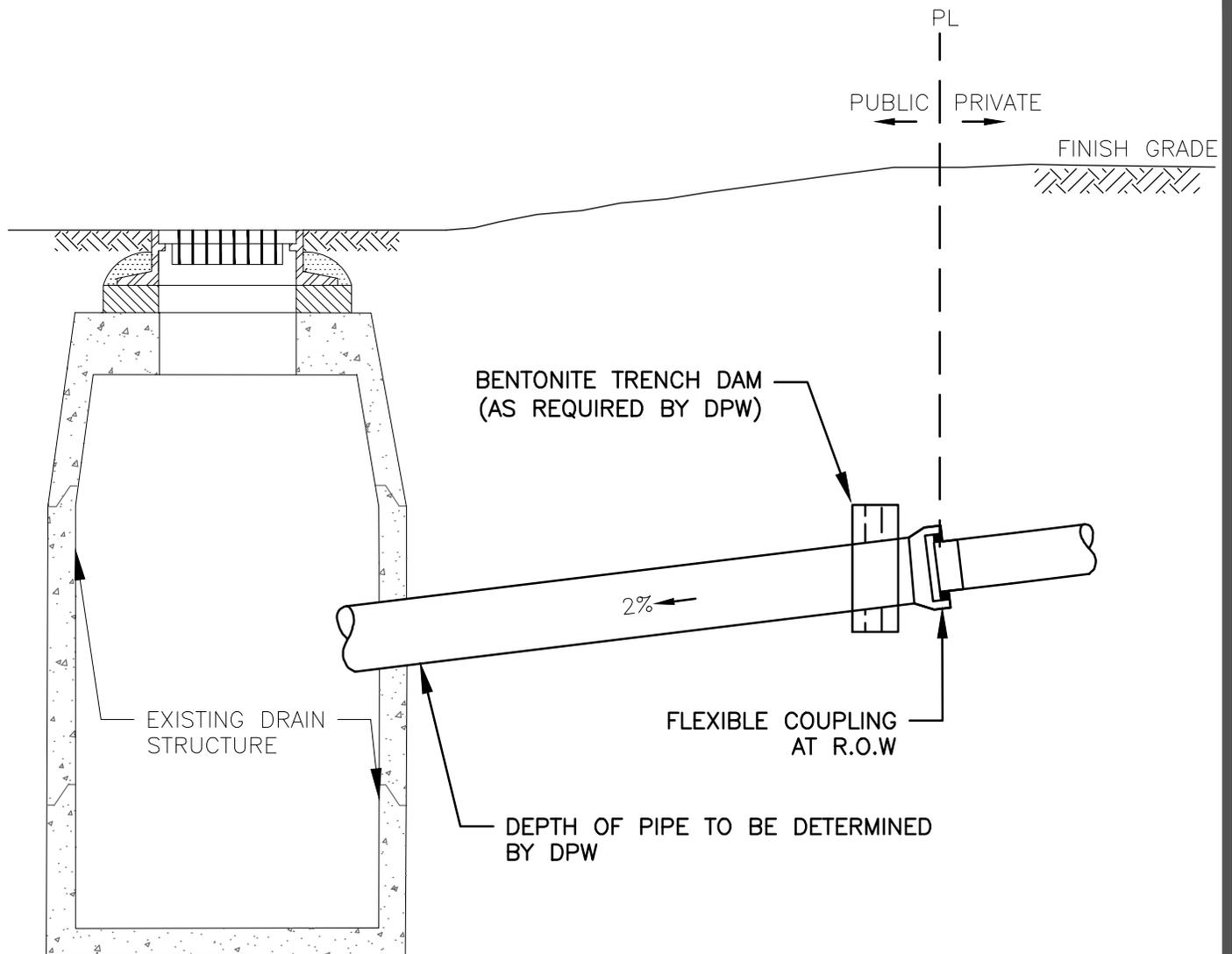
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LOW PRESSURE SEWER - BUILDING/PUMP
CONNECTION DETAIL PT.2
N.T.S.

Detail Number:
S-7.6

**NORTH ATTLEBOROUGH
BOARD OF PUBLIC WORKS
DRAIN CONSTRUCTION DETAILS**





NOTES:

1. PIPE = MIN. 6" RCP. PVC MAY BE ALLOWED ON CASE-BY-CASE BASIS
2. SEE TOWN OF NORTH ATTLEBOROUGH DRAIN SYSTEM CONNECTION REQUIREMENTS
3. DRAIN CONNECTION PERMIT REQUIRED
4. BACKWATER VALVE RECOMMENDED



TOWN OF NORTH ATTLEBOROUGH, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

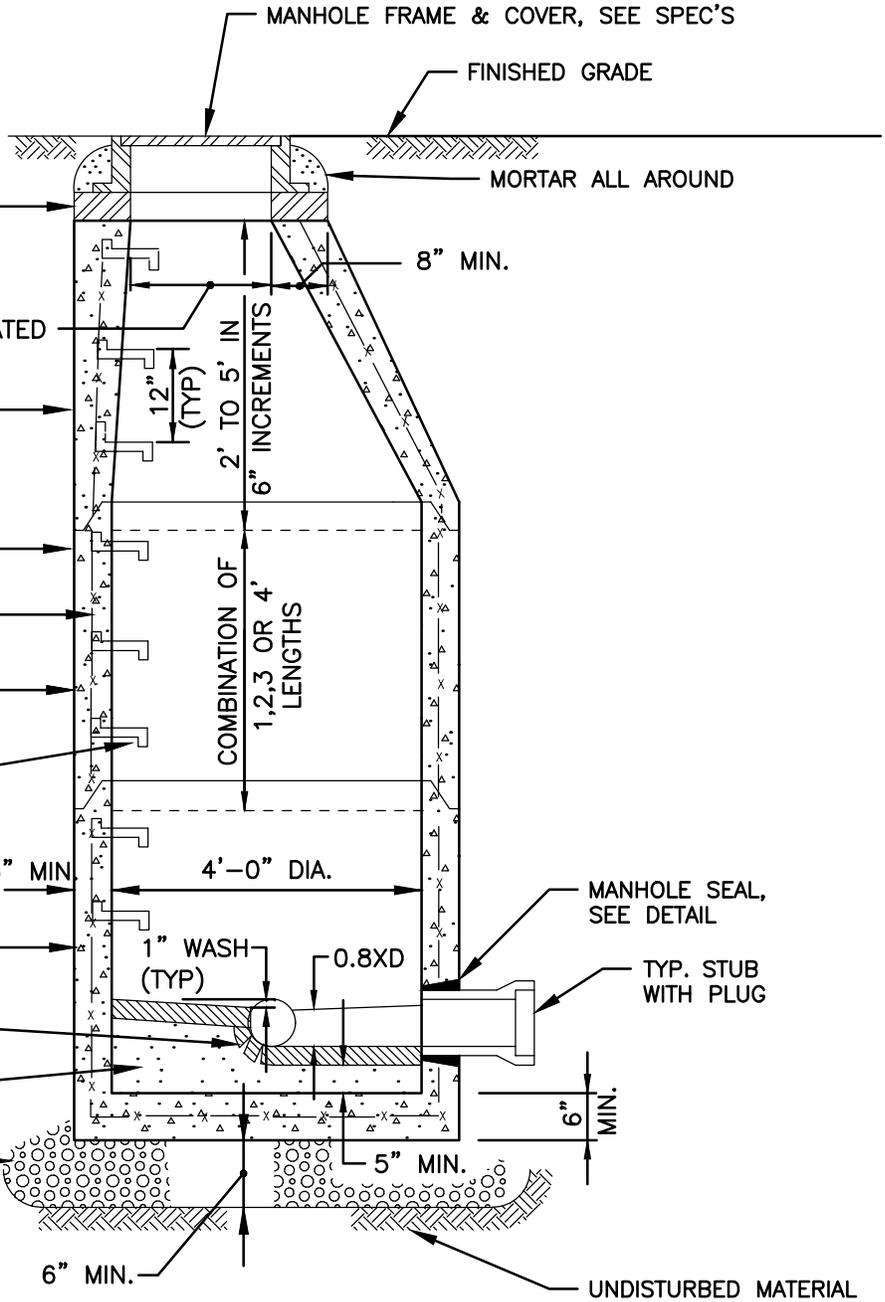
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3/24/2023

CONNECTION TO TOWN DRAIN SYSTEM

N.T.S.

Detail Number:
D-1.1

ADJUST TO REQUIRED GRADE WITH A MIN. OF ONE COURSE AND A MAX. OF FIVE COURSES OF BRICK MASONRY OR REINFORCED CONC. GRADING RINGS, ALL BRICKS TO BE LAID AS HEADERS



2'-0" UNLESS OTHERWISE INDICATED

PRECAST CONCRETE MANHOLE CONE

BUTYL RUBBER JOINT SEALANT (TYP)

REINFORCING STEEL (TYP)

PRECAST CONCRETE MANHOLE RISER

MANHOLE STEPS SEE SPEC'S

PRECAST CONCRETE MANHOLE BASE

BRICK MASONRY INVERT

CONCRETE FILL

COMPACTED CRUSHED STONE

MANHOLE FRAME & COVER, SEE SPEC'S

FINISHED GRADE

MORTAR ALL AROUND

8" MIN.

2' TO 5' IN
6" INCREMENTS

COMBINATION OF
1, 2, 3 OR 4'
LENGTHS

5" MIN.

4'-0" DIA.

1" WASH (TYP)

0.8XD

MANHOLE SEAL, SEE DETAIL

TYP. STUB WITH PLUG

6" MIN.

5" MIN.

6" MIN.

UNDISTURBED MATERIAL

NOTES:

1. PLUG ALL LIFTING HOLES IN & OUT WITH HYDRAULIC CEMENT.



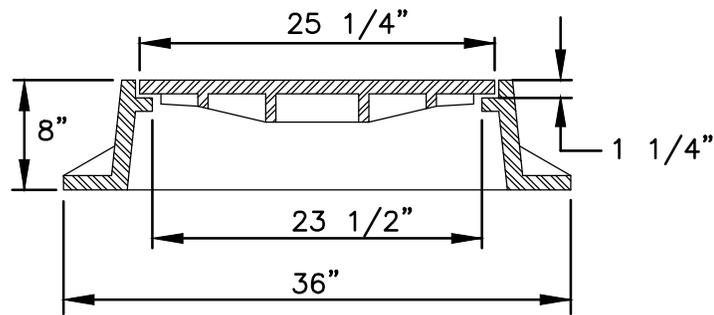
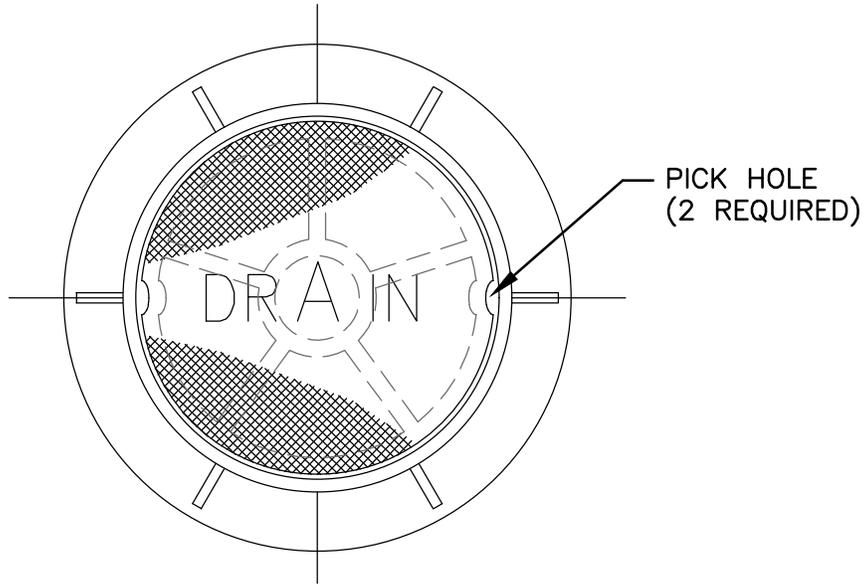
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DRAINAGE MANHOLE DETAIL

N.T.S.

Detail Number:
D-2.1

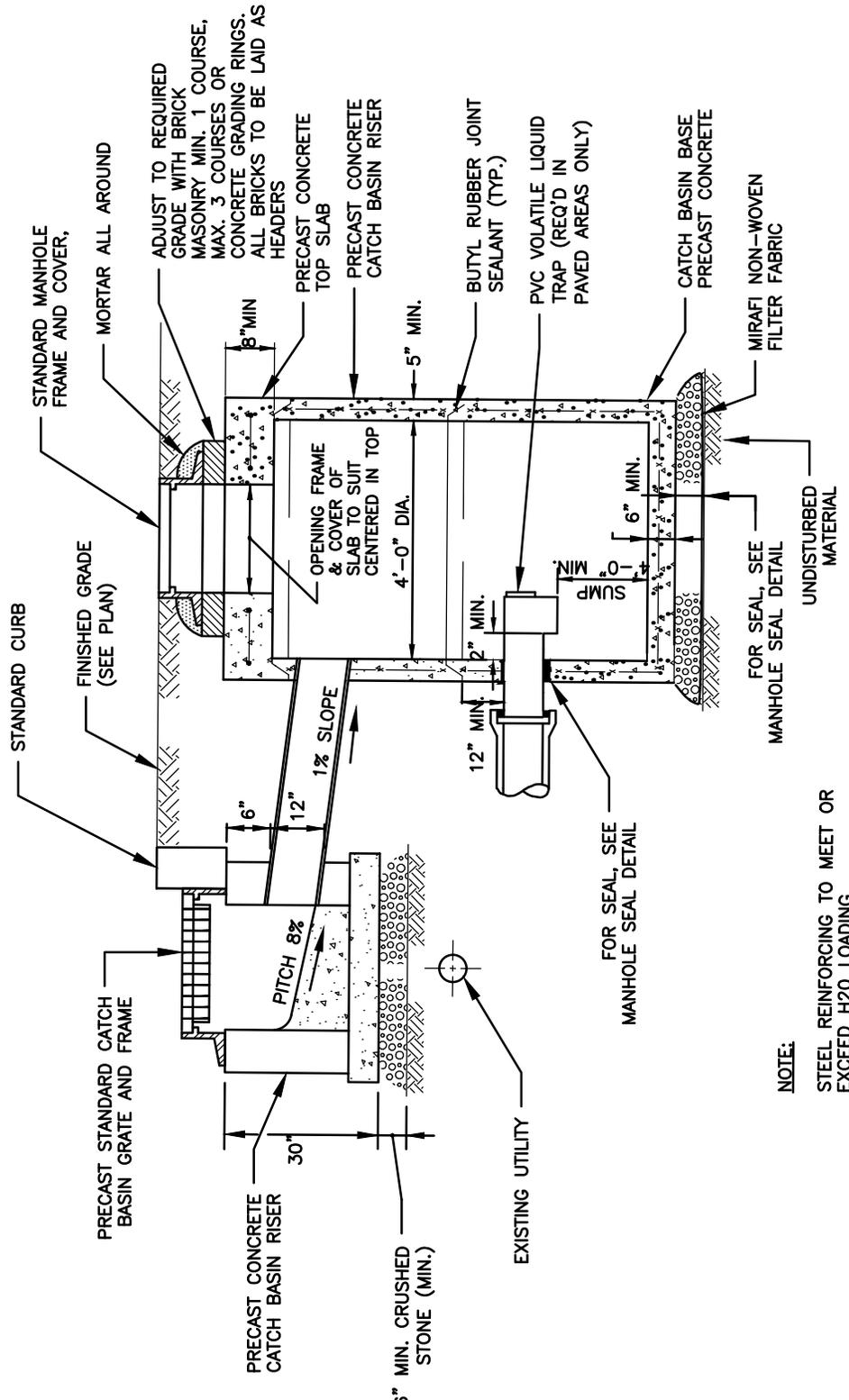


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03/24/2023

DRAIN MANHOLE COVER DETAIL
N.T.S.

Detail Number:
D-2.2



NOTE:
 STEEL REINFORCING TO MEET OR EXCEED H20 LOADING



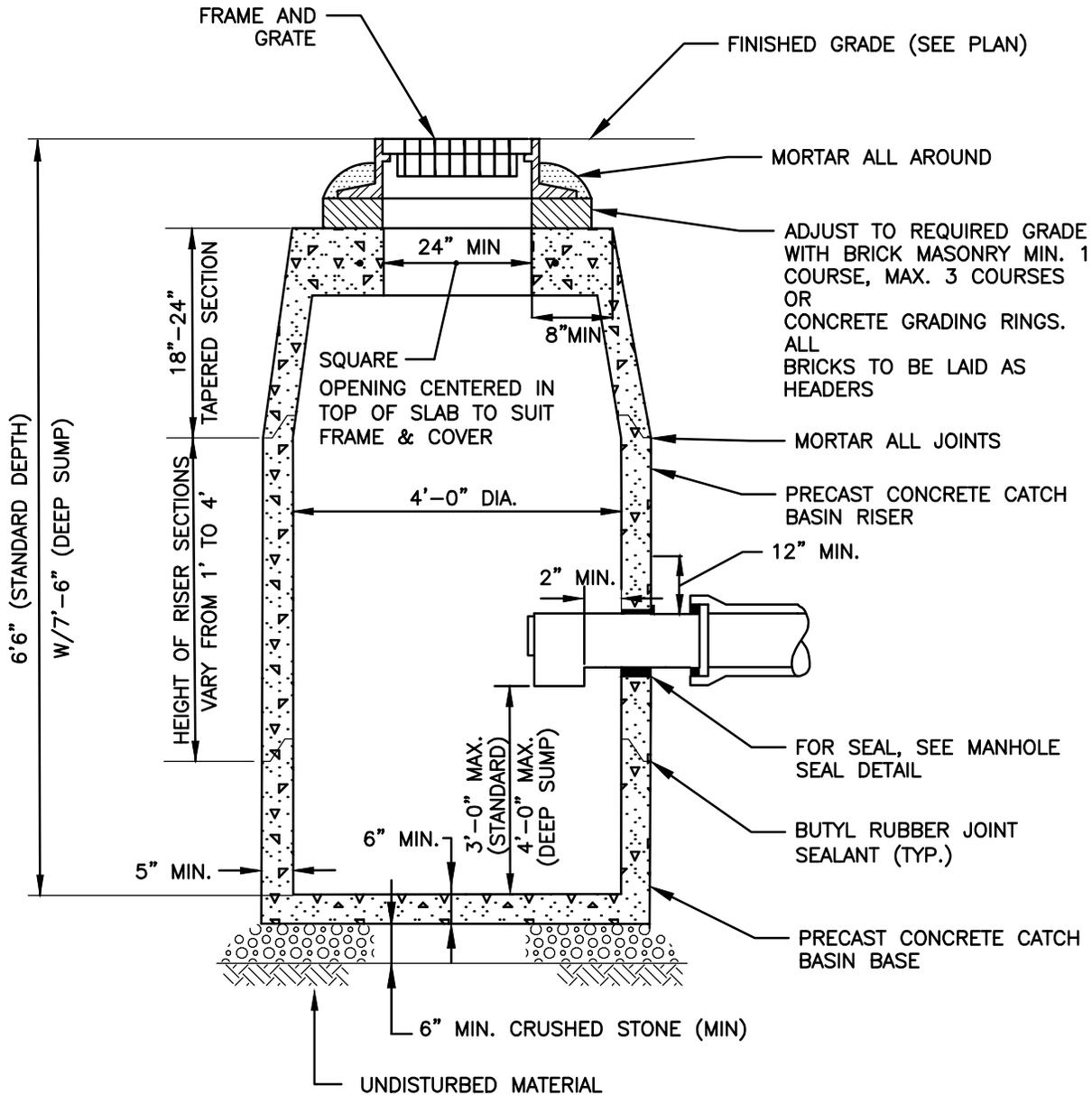
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DIRECT INLET CATCH BASIN DETAIL

N.T.S.

Detail Number:
 D-3.1



NOTES:

1. STEEL REINFORCING TO MEET OR EXCEED H20 LOADING
2. MINIMUM DEPTH OF SUMP TO BE 2 FT
3. WHEN A CURB INLET IS INSTALLED, THE OPENING IS TO BE 24"X27"
4. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE
5. FOR DESCRIPTION, MATERIALS AND CONSTRUCTION METHOD, SEE STANDARD SPECIFICATIONS
6. PLUG ALL LIFTING HOLES IN & OUT WITH HYDRAULIC CEMENT



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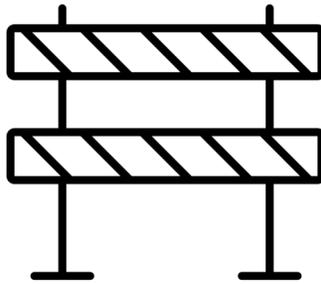
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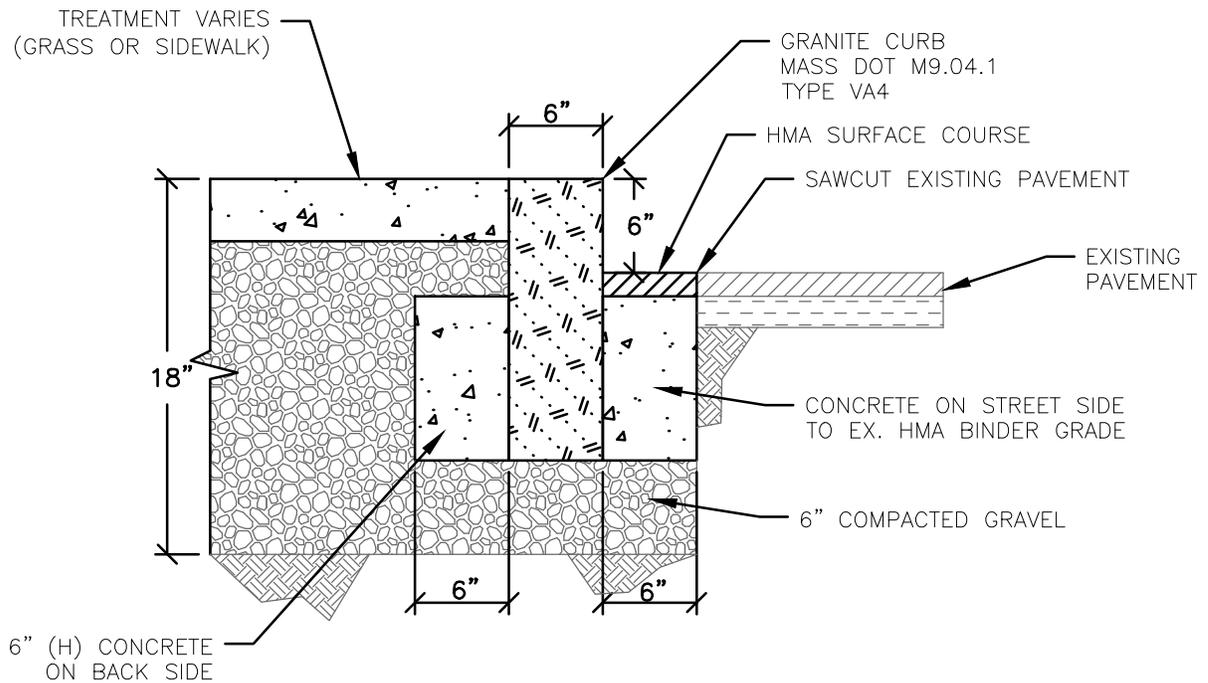
CATCH BASIN DETAIL

N.T.S.

Detail Number:
D-3.2

NORTH ATTLEBOROUGH
BOARD OF PUBLIC WORKS
HIGHWAY CONSTRUCTION DETAILS





NOTES:

1. INSTALL BINDER, CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND GRAVEL. REPLACE WITH CEMENT CONCRETE
2. ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4 OF THE STANDARD MHD SPECIFICATIONS MAY BE USED. ALL TEST REQUIREMENTS ARE WAIVED. HOT MIX ASPHALT SHALL NOT BE USED AS A SUBSTITUTE.



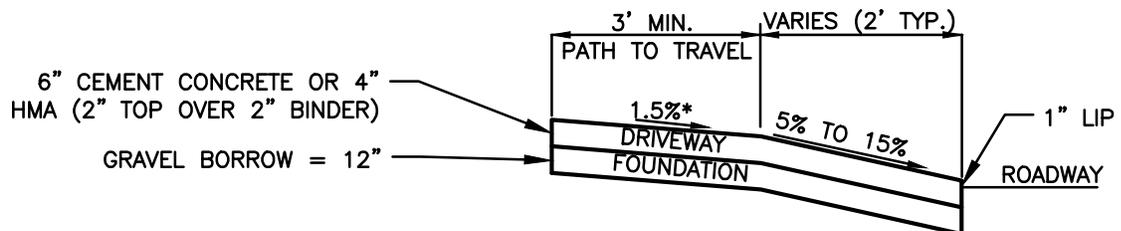
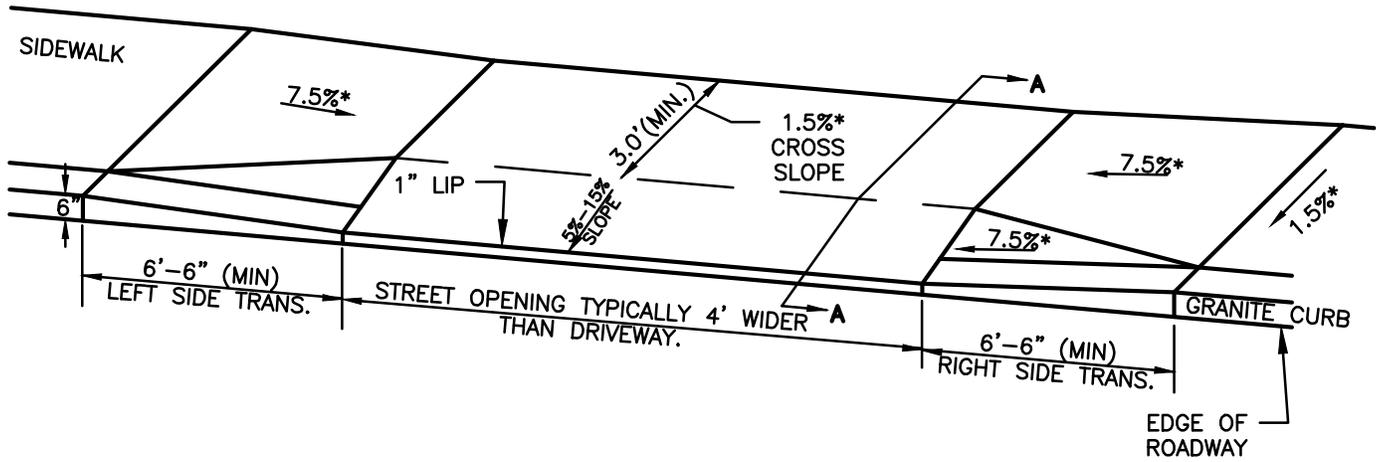
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VERTICAL GRANITE CURB DETAIL

N.T.S.

Detail Number:
H-1.1



* = TOLERANCE FOR CONSTRUCTION ±0.5%

SECTION A-A

NOTE:

1. DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD, THE AMERICANS WITH DISABILITIES ACT AND THE CURRENT MASSHIGHWAY CONSTRUCTION STANDARDS.
2. STREET OPENING SHALL TYPICALLY BE 4' WIDER THAN DRIVEWAY WIDTH (2' ON EACH SIDE)



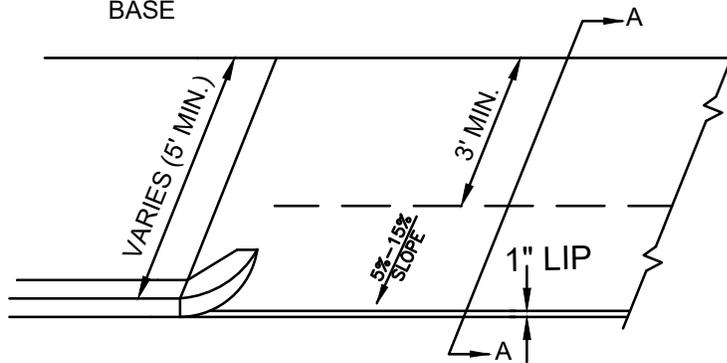
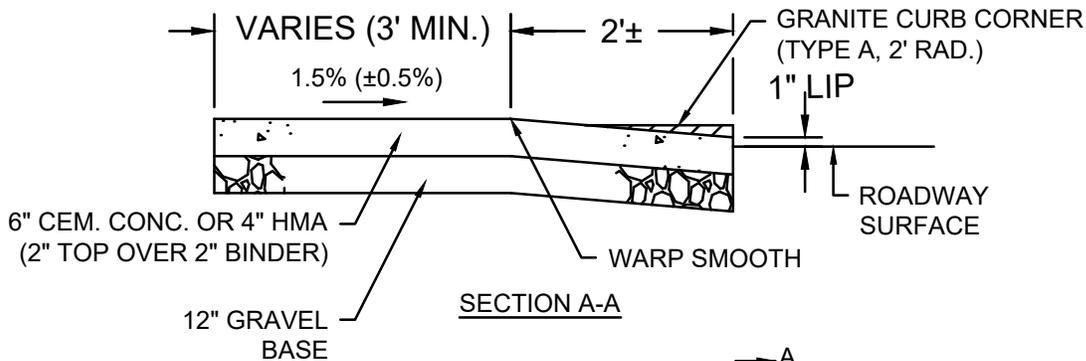
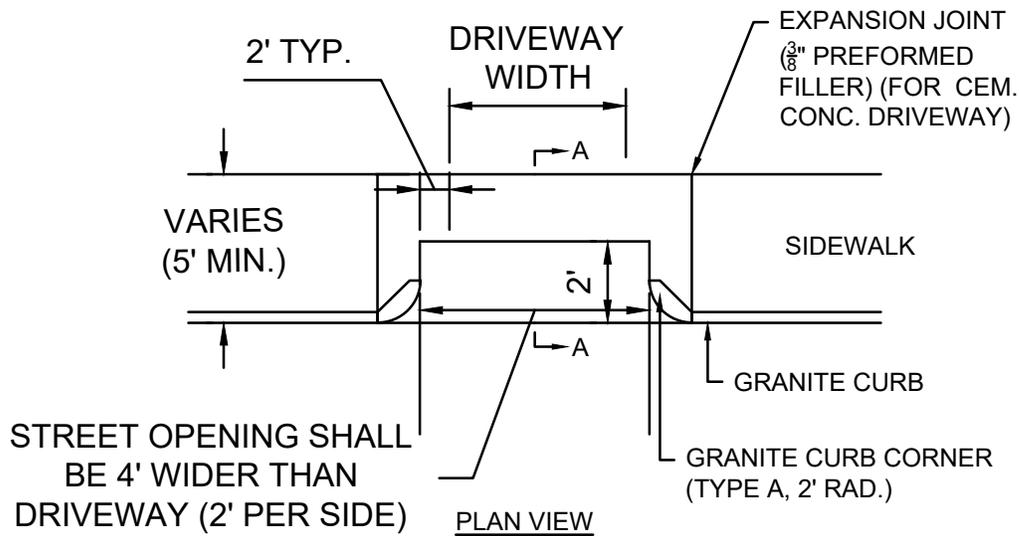
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SIDEWALK THROUGH DRIVEWAY
WITHOUT CURB RETURNS

N.T.S.

Detail Number:
H-2.1



NOTE:

1. DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD, THE AMERICANS WITH DISABILITIES ACT AND THE CURRENT MASSHIGHWAY CONSTRUCTION STANDARDS.
2. STREET OPENING SHALL TYPICALLY BE 4' WIDER THAN DRIVEWAY WIDTH. (2' ON EACH SIDE)



TOWN OF NORTH ATTBLEBOROUGH, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

Date Last Updated:
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**SIDEWALK THROUGH DRIVEWAY
WITH CURB RETURNS**

N.T.S.

Detail Number:
H-2.2