

STANDARD DETAILS
FOR
PUBLIC UTILITIES DEPARTMENT
WATER MAIN & WASTEWATER
CONSTRUCTION DETAILS



**PUBLIC UTILITIES DEPARTMENT
UNIFIED GOVERNMENT
OF
ATHENS-CLARKE COUNTY
GEORGIA**

<https://www.accgov.com/>

August 2025

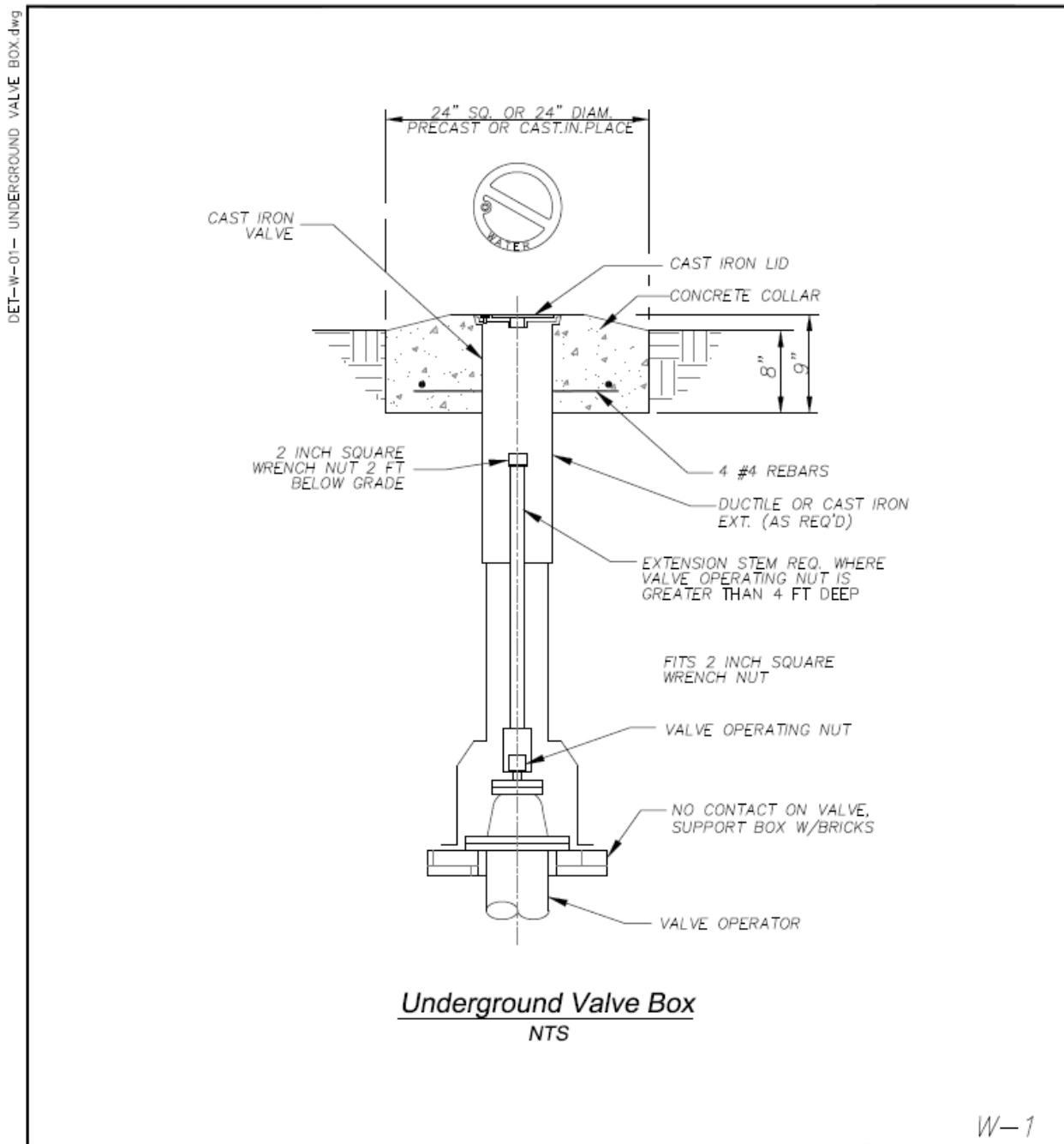
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W-1 Underground Valve Box



W-1

Standard Specification and Detail for:

Underground Valve Box

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
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Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

The Unified Government of Athens-Clarke County
Department of Public Utilities

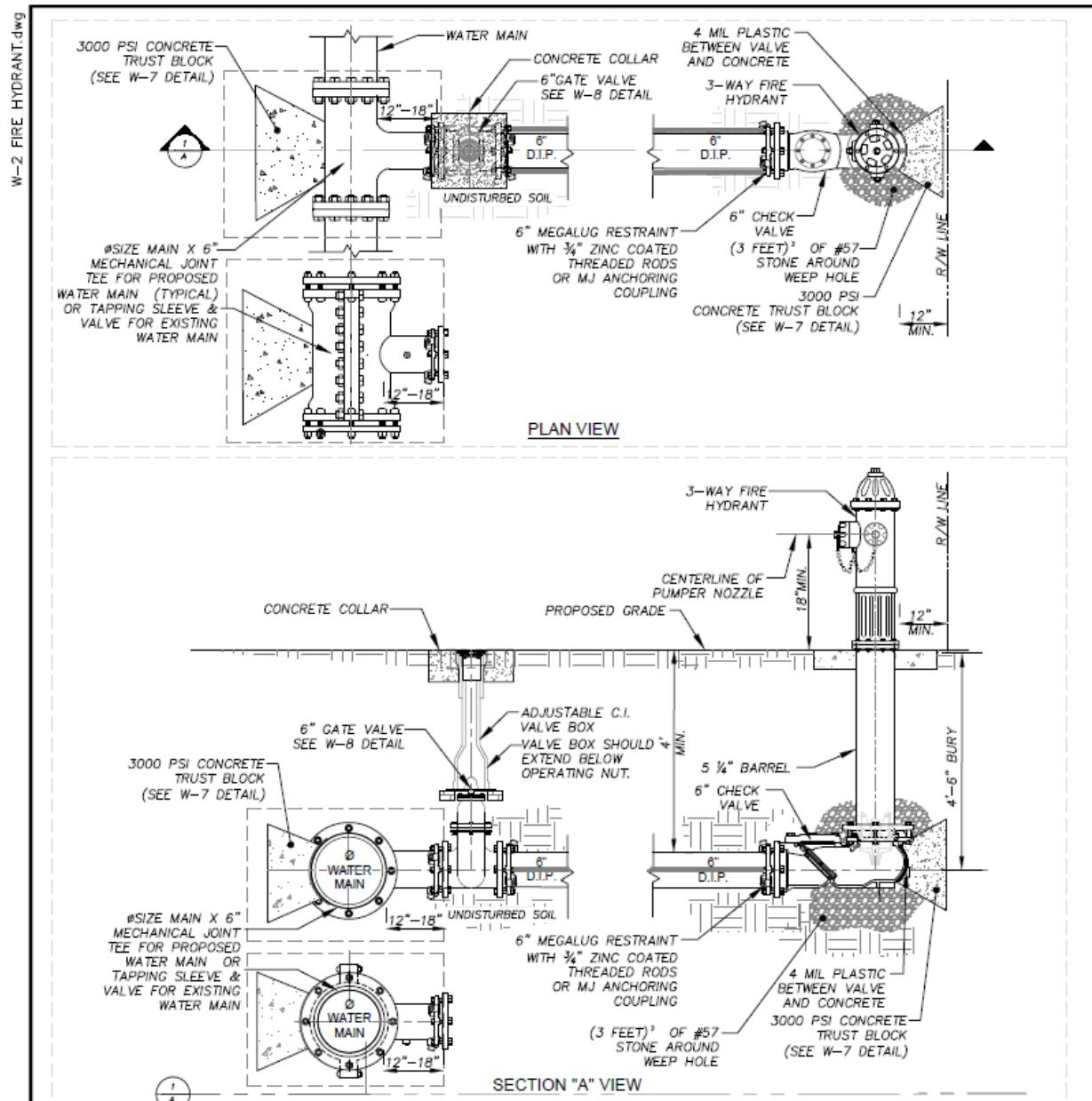
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124 E Hancock Ave
Athens, Georgia 30601

Voice: 706-613-3490



W-2 Fire Hydrant Assembled Detail



Fire Hydrant Assembled, 6" Check Valve, 6" DIP branch and 6" Gate Valve

NTS

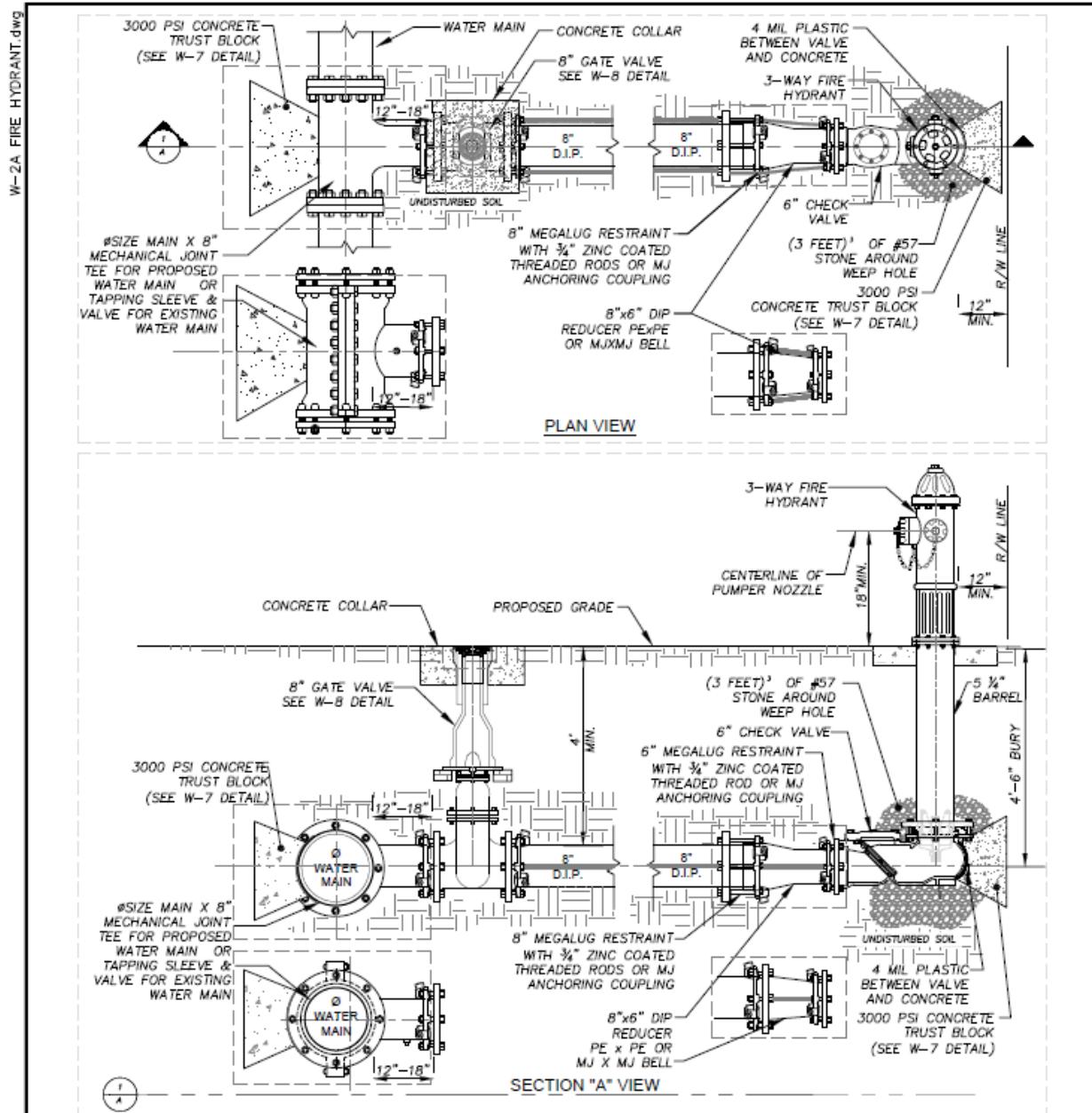
W-2

Standard Specification and Detail for:

Fire Hydrant Assembled, 6" Check valve, 6" DIP branch and 6" Gate Valve

GMD: NA	County: Athens-Clarke	State: Georgia	Date: November, 2022
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities		
Approved by: MRA	124 E Hancock Ave Athens, Georgia 30601		
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W-2A Fire Hydrant Assembled Connected to 8" Water Main Detail**Fire Hydrant Assembled, 6" Check valve, 8" DIP branch and 8" Gate Valve**

NTS

W-2A

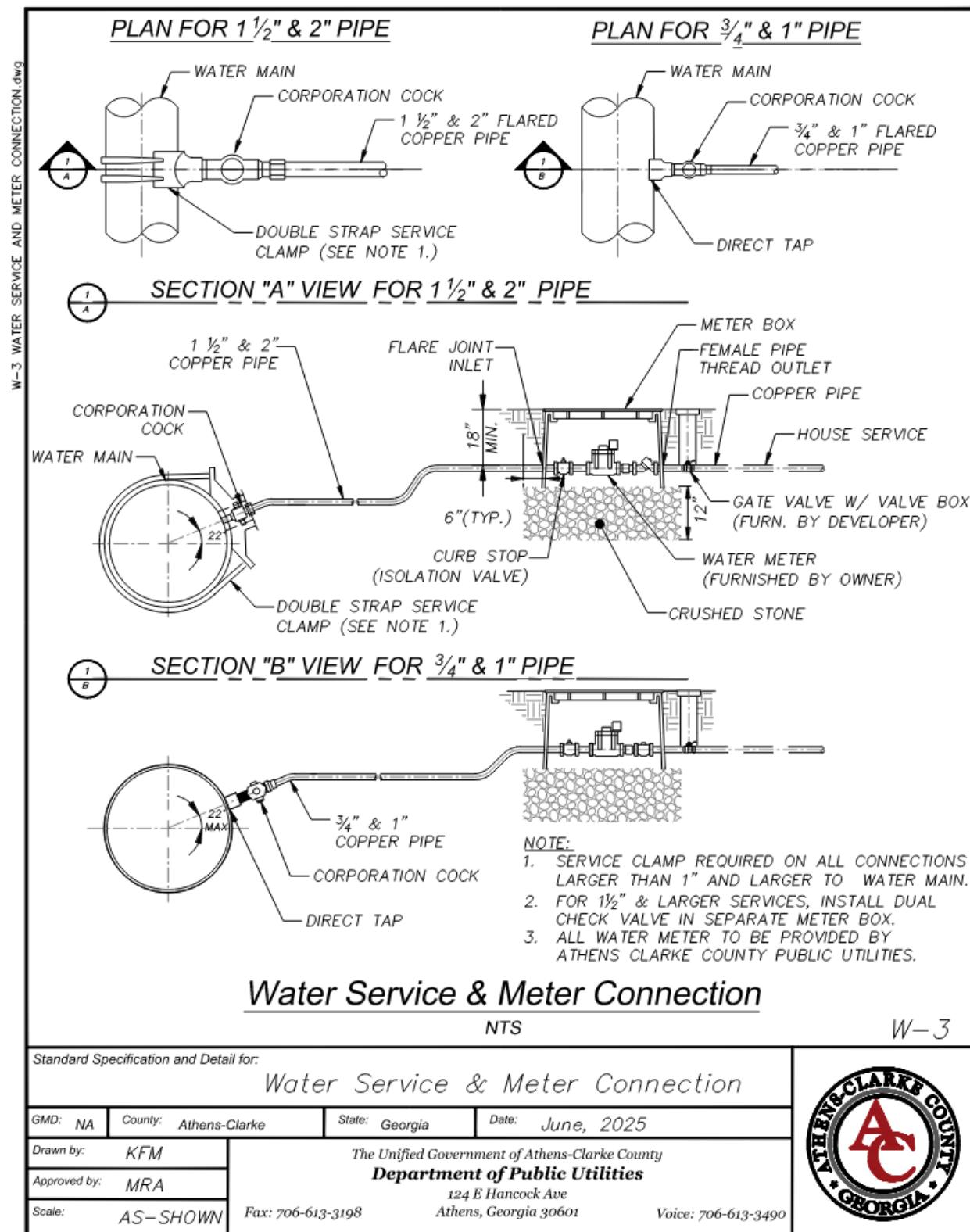
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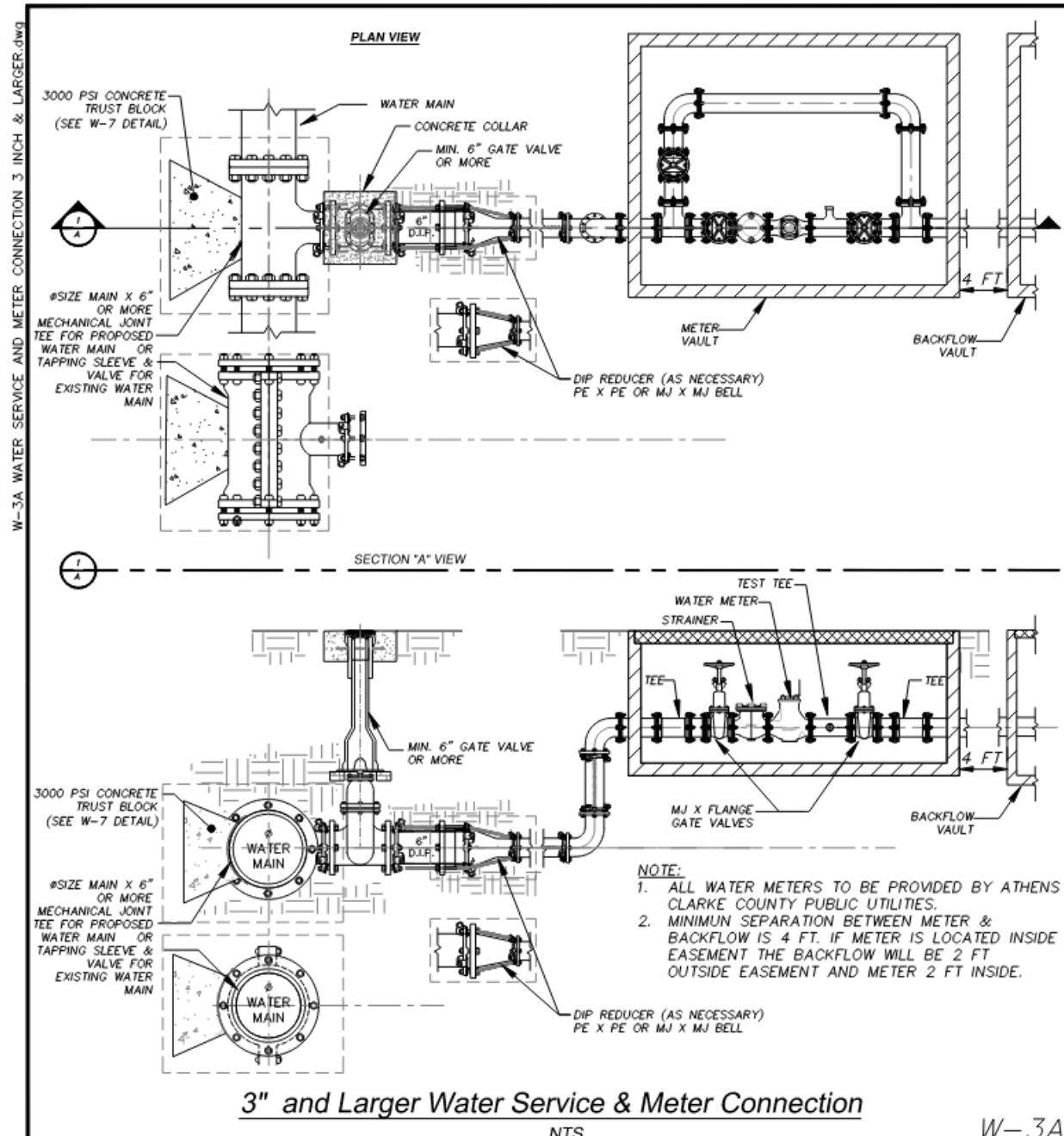
Fire Hydrant Assembled, 6" Check valve, 8" DIP branch and 8" Gate Valve

GMD: NA	County: Athens-Clarke	State: Georgia	Date: November, 2022
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Approved by: MRA	124 E Hancock Ave Athens, Georgia 30601		
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W-3 Water Service & Meter Connection



W-3A 3" and Large Water Service & Meter Connection

Standard Specification and Detail for:

3" and Larger Water Service & Meter Connection

GMD: NA County: Athens-Clarke State: Georgia Date: June, 2025

Drawn by: KFM

Approved by: JH

Scale: AS-SHOWN

The Unified Government of Athens-Clarke County
Department of Public Utilities

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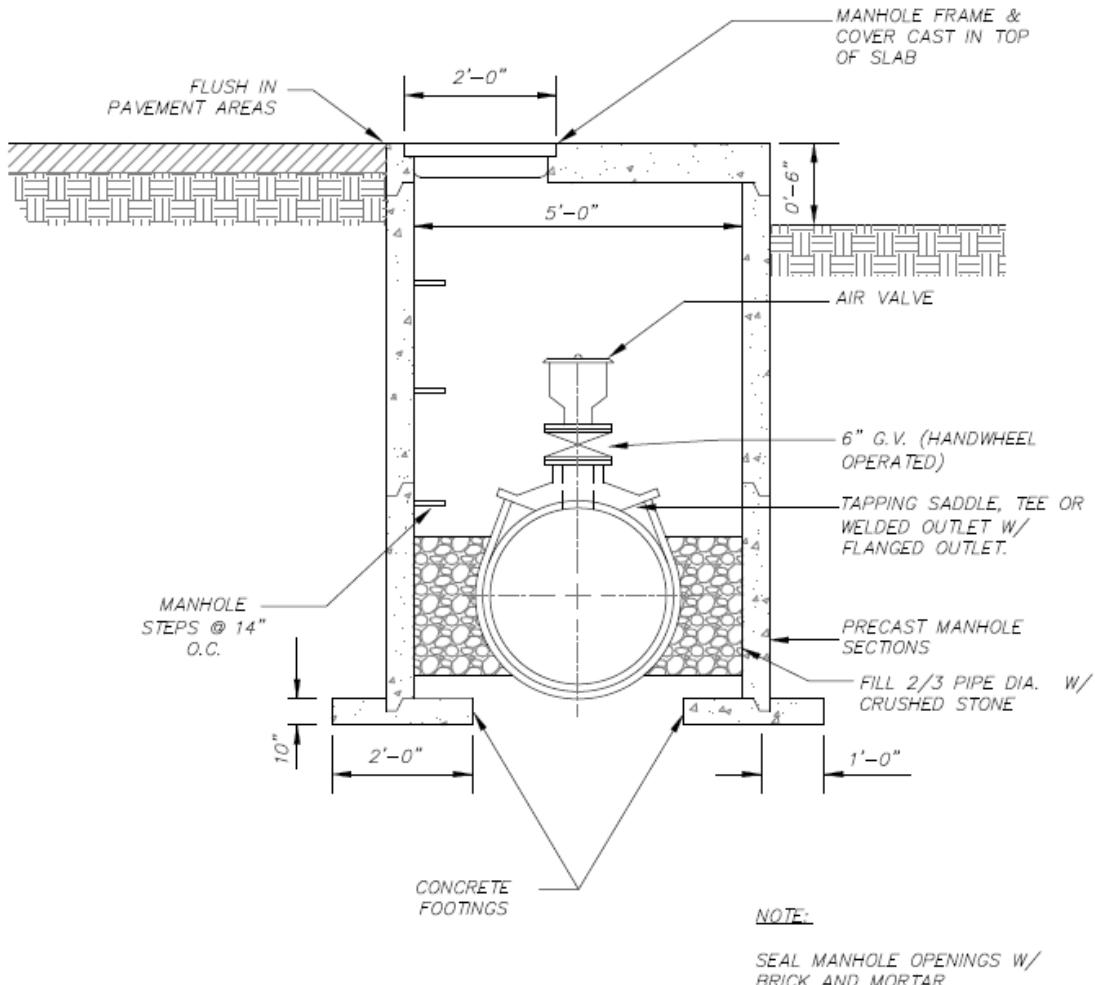
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W-4 Air Valve - Automatic

DET-W-04 - AIR VALVE-AUTOMATIC.dwg

Air Valve - Automatic

NTS

W-4

Standard Specification and Detail for:

Air Valve - Automatic

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

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Fax: 706-613-3198

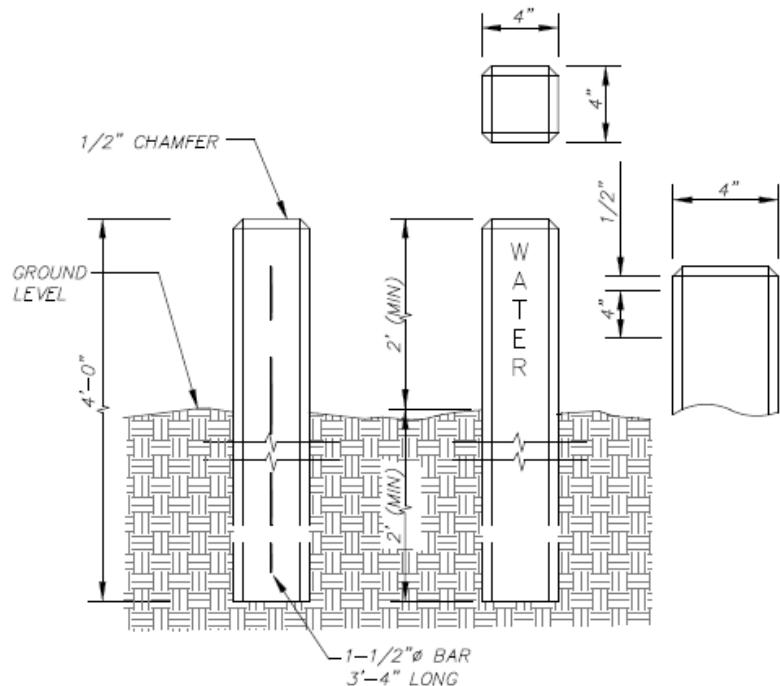
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W-5 Water Valve Marker

DET-W-05 - WATER VALVE MARKER dwg



NOTE:
VALVE MAKER POST TO BE 3 FEET BEHIND VALVE.

Water Valve Marker

NTS

W-5

Standard Specification and Detail for:

Water Valve Marker

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
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Approved by: GJ

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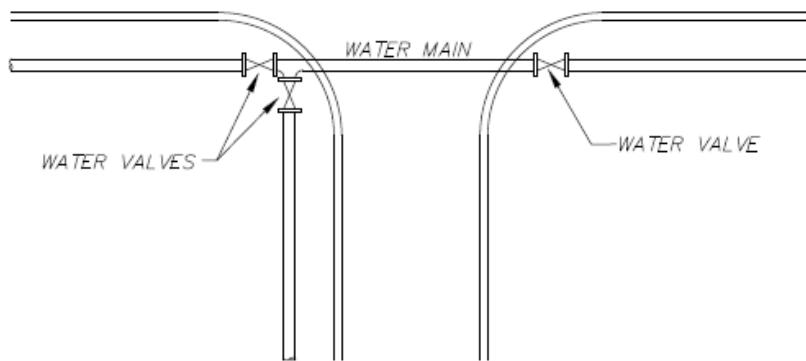
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W-6 Typical Valve Location

DET-W-6 - TYPICAL VALVE LOCATION.dwg

NOTE:

AT STREET INTERSECTIONS PLACE VALVES AS SHOWN.

Typical Valve Location

NTS

W-6

Standard Specification and Detail for:

Typical Valve Location

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

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Scale: AS-SHOWN

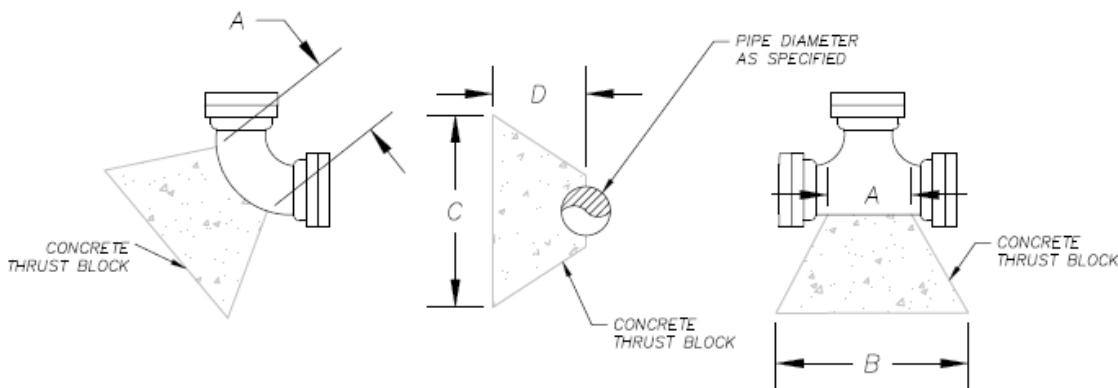
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Voice: 706-513-3490



W-7 Thrust Block Detail

DET-W-7 - THRUST BLOCK.dwg



90 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	3.0	7.0	7.0	4.5
20	2.5	6.0	6.0	4.0
18	2.0	5.5	5.0	3.5
16	2.0	5.0	5.0	3.5
14	2.0	4.0	4.0	2.5
12	1.5	3.5	3.5	2.5
10	2.0	3.0	3.0	2.0
8	1.0	2.5	2.5	2.0
6	1.0	2.0	2.0	1.5
4	1.0	1.5	1.5	1.5

22.5 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	2.0	3.5	3.5	2.5
20	2.0	3.0	3.0	2.0
18	1.5	3.0	3.0	1.5
16	1.5	2.5	2.5	1.5
14	1.5	2.5	2.5	1.0
12	1.5	2.0	2.0	1.0
10	1.0	2.0	2.0	1.0
8	1.0	1.5	1.5	1.0
6	1.0	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

45 DEGREE BEND				
11.25 DEGREE BEND				
24	2.5	5.5	5.5	4.0
20	2.0	4.5	4.0	3.0
18	2.0	4.0	4.0	3.0
16	2.0	3.5	3.5	2.5
14	1.5	3.0	3.0	2.0
12	1.5	3.0	2.5	2.0
10	1.5	2.5	2.0	2.0
8	1.0	2.0	2.0	1.5
6	1.0	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

UNBALANCED TEE & PLUG				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	3.0	6.0	6.0	3.0
20	2.5	5.0	5.0	2.5
18	2.5	4.5	4.5	2.0
16	2.5	4.0	4.0	2.0
14	2.0	3.5	3.5	1.5
12	2.0	3.0	3.0	1.5
10	1.5	2.5	2.5	1.0
8	1.5	2.0	2.0	1.0
6	1.5	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

TEE				
24	2.5	6.0	6.0	3.5
20	2.5	5.0	5.0	3.0
18	1.5	4.5	4.5	3.0
16	1.5	4.0	4.0	2.5
14	1.5	3.5	3.5	2.5
12	1.5	3.0	3.0	2.0
10	1.5	2.5	2.5	1.5
8	1.0	2.0	2.0	1.5
6	1.0	1.5	1.5	1.5
4	1.0	1.0	1.0	1.0

NOTES:

1. DIMENSIONS OF THRUST BLOCKS ARE BASED ON PRESSURE OF 150 PSI AND SOIL PRESSURE OF 2000 PSF.
2. ADDITIONAL CONCRETE BLOCKING MAY BE REQUIRED FOR PRESSURES GREATER THAN 150 PSI OR IF ALLOWABLE SOIL PRESSURE IS LESS THAN 2000 PSF.
3. CONCRETE IS TO BE CLASS "B" (2500 PSI).
4. CONCRETE THRUST BLOCKS ARE REQUIRED AT ALL TEES, FIRE HYDRANTS, WYES, PLUGS, CAPS, AND BENDS OF 11.25 DEGREES OR MORE.

W-7

Standard Specification and Detail for:

Thrust Block Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

124 E Hancock Ave

Athens, Georgia 30601

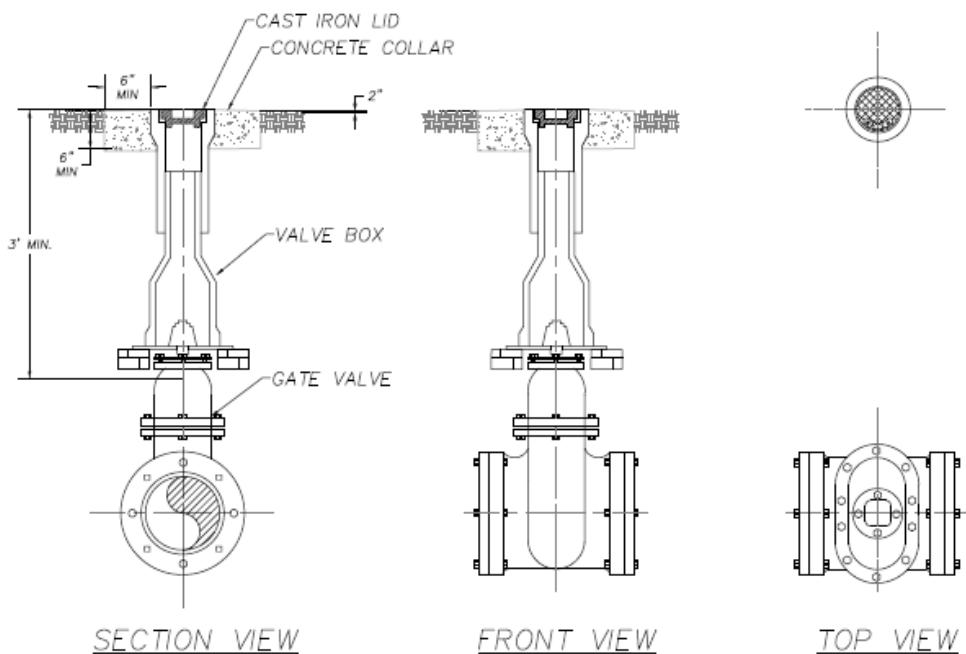
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W-8 Gate Valve Detail

DET-W-08 - GATE VALVE.dwg

NOTES:

1. 18" TO 24" SCREW ADJUSTABLE
2. 6" SCHEDULE 40 PVC FOR EXTENSION

Gate Valve Detail

NTS

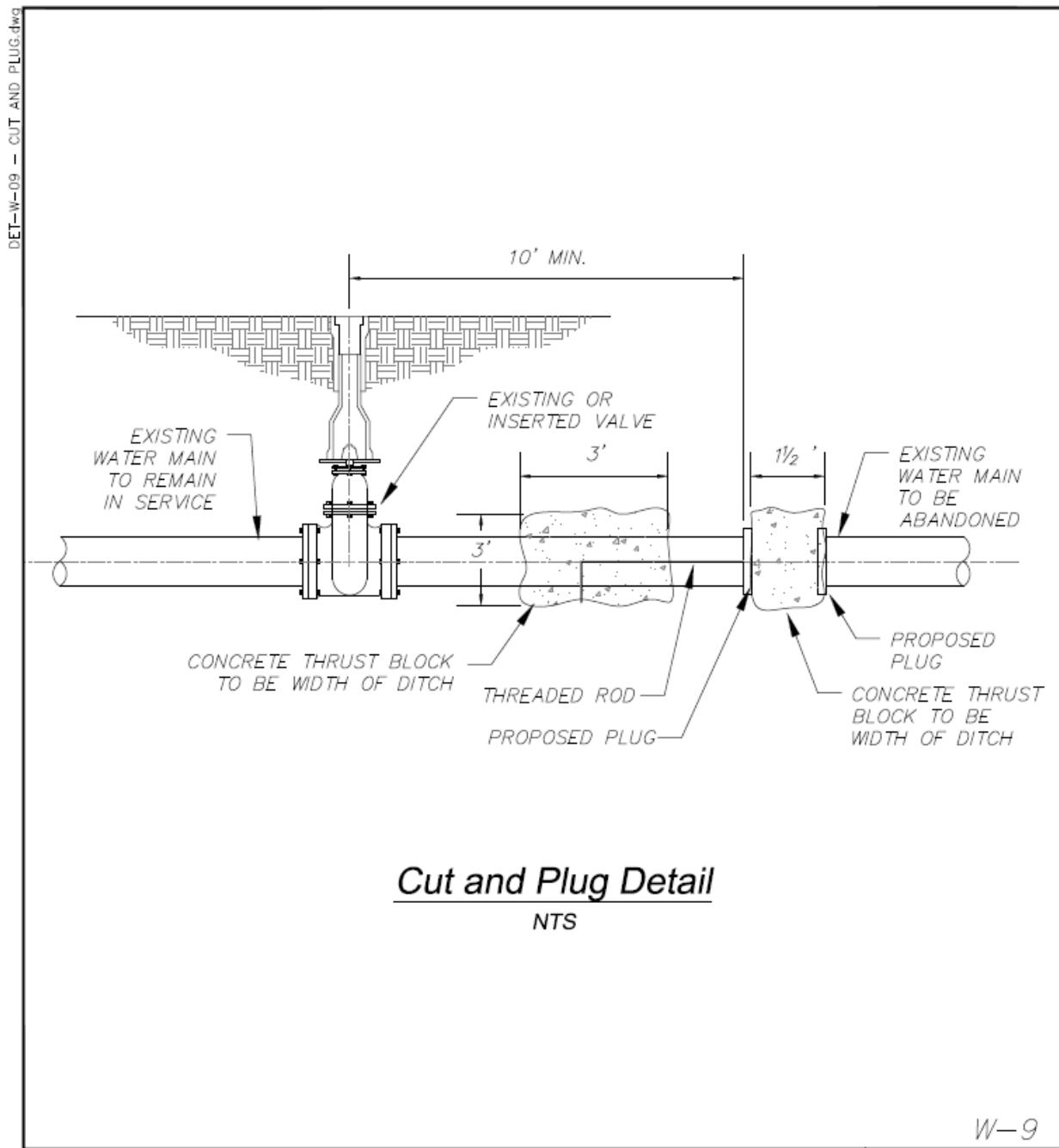
W-8

Standard Specification and Detail for:

Gate Valve

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019	The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601 Fax: 706-613-3198 Voice: 706-613-3490
Drawn by: KFM				
Approved by: GJ				
Scale: AS-SHOWN				



W-9 Cut and Plug Detail

Standard Specification and Detail for:

Cut and Plug Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

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Athens, Georgia 30601

Scale: AS-SHOWN

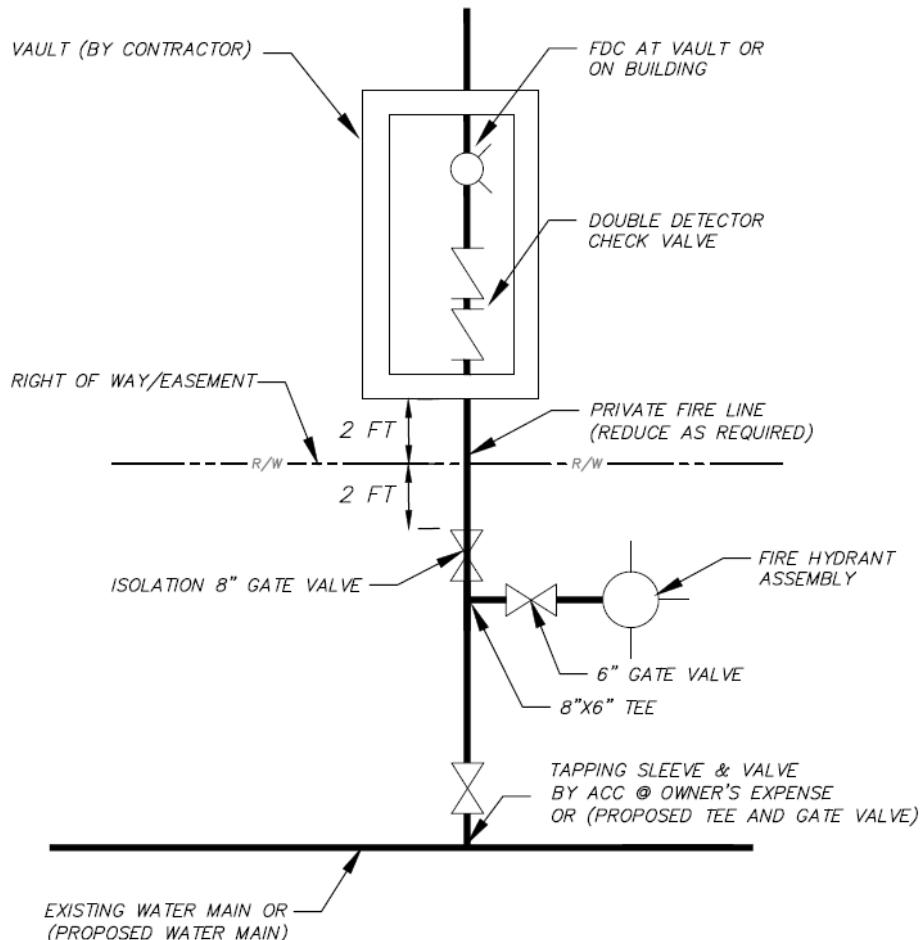
Fax: 706-613-3198

Voice: 706-613-3490



W-10 Fire and Service Detail

W-10 FIRE AND SERVICE DETAIL.dwg



NOTE:

1. BACKFLOW DEVICES AND VAULTS PER ACC BACKFLOW PROGRAM.
2. ALL APPLICABLE NFPA REQUIREMENTS APPLY.
3. NO PIV'S ON PUBLIC WATER MAINS.
4. WHERE RIGHT OF WAY IS NOT SUFFICIENT, 20' EASEMENT IS REQUIRED.

Fire and Service Detail

NTS

W-10

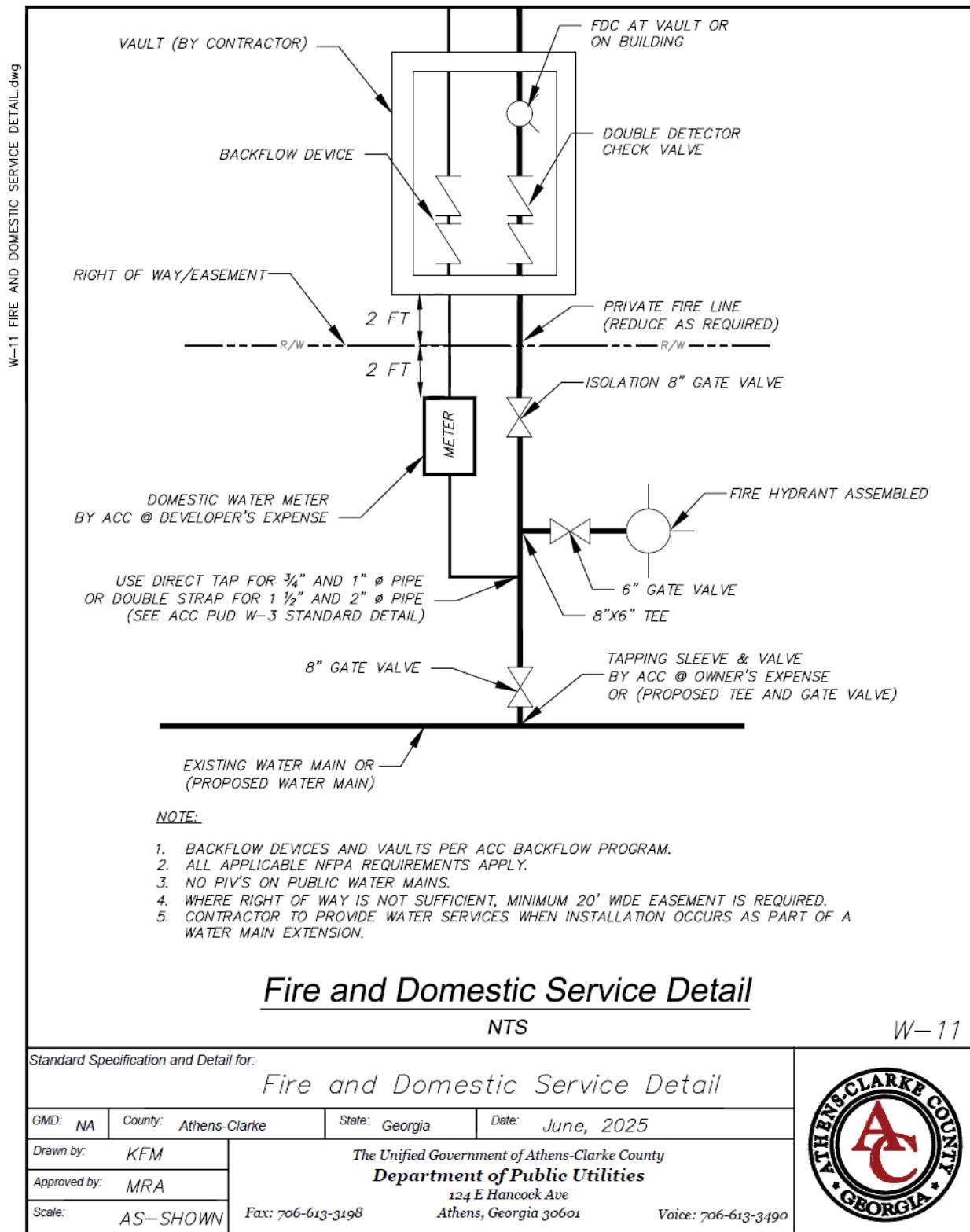
Standard Specification and Detail for:

Fire and Domestic Service Detail

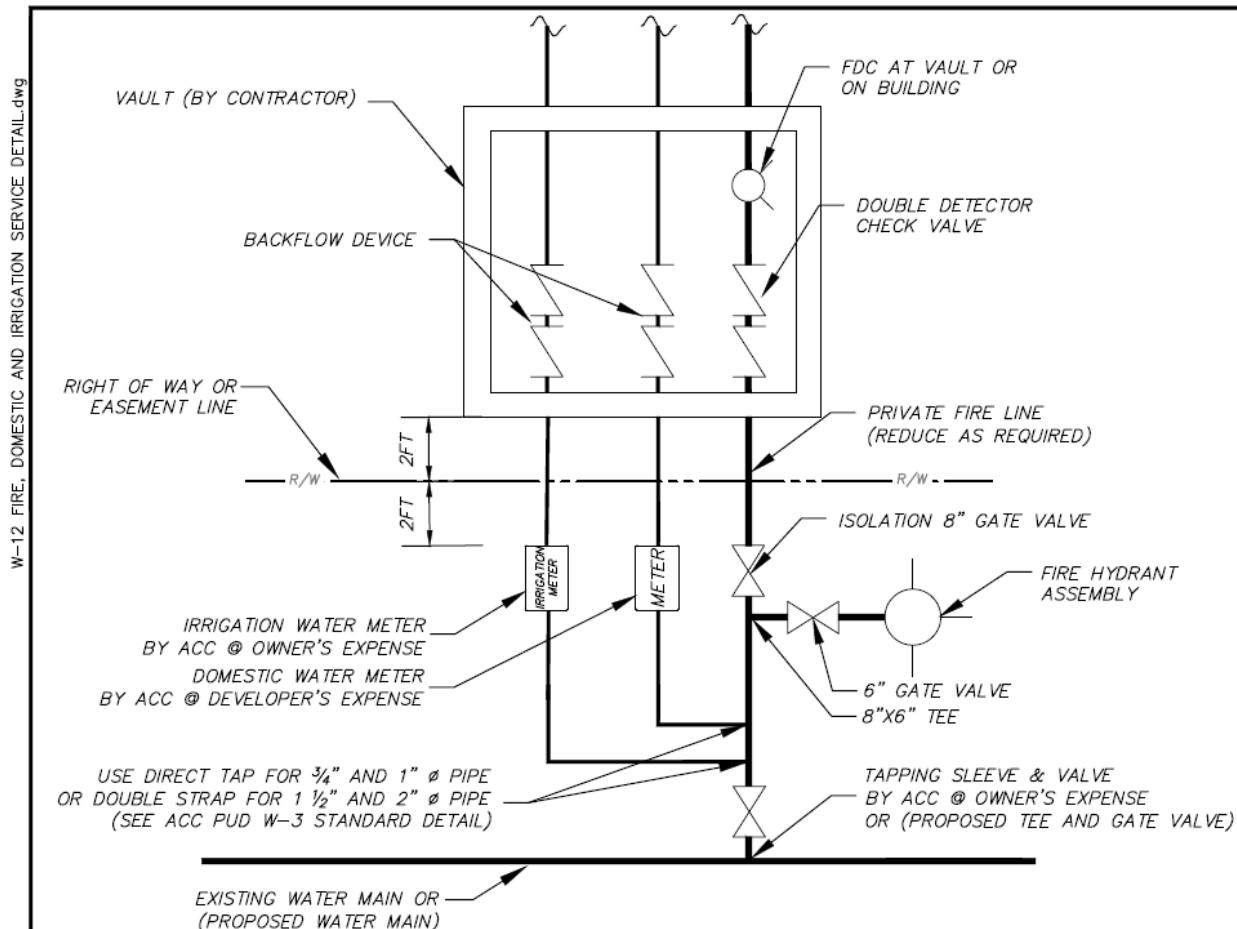
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Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities		
Approved by: MRA	124 E Hancock Ave Athens, Georgia 30601		
Scale: AS-SHOWN	Fax: 706-613-3198	Athens, Georgia 30601	Voice: 706-613-3490



W-11 Fire and Domestic Service Detail



W-12 Fire, Domestic & Irrigation Service Detail



Fire, Domestic & Irrigation Service Detail

NTS

W-12

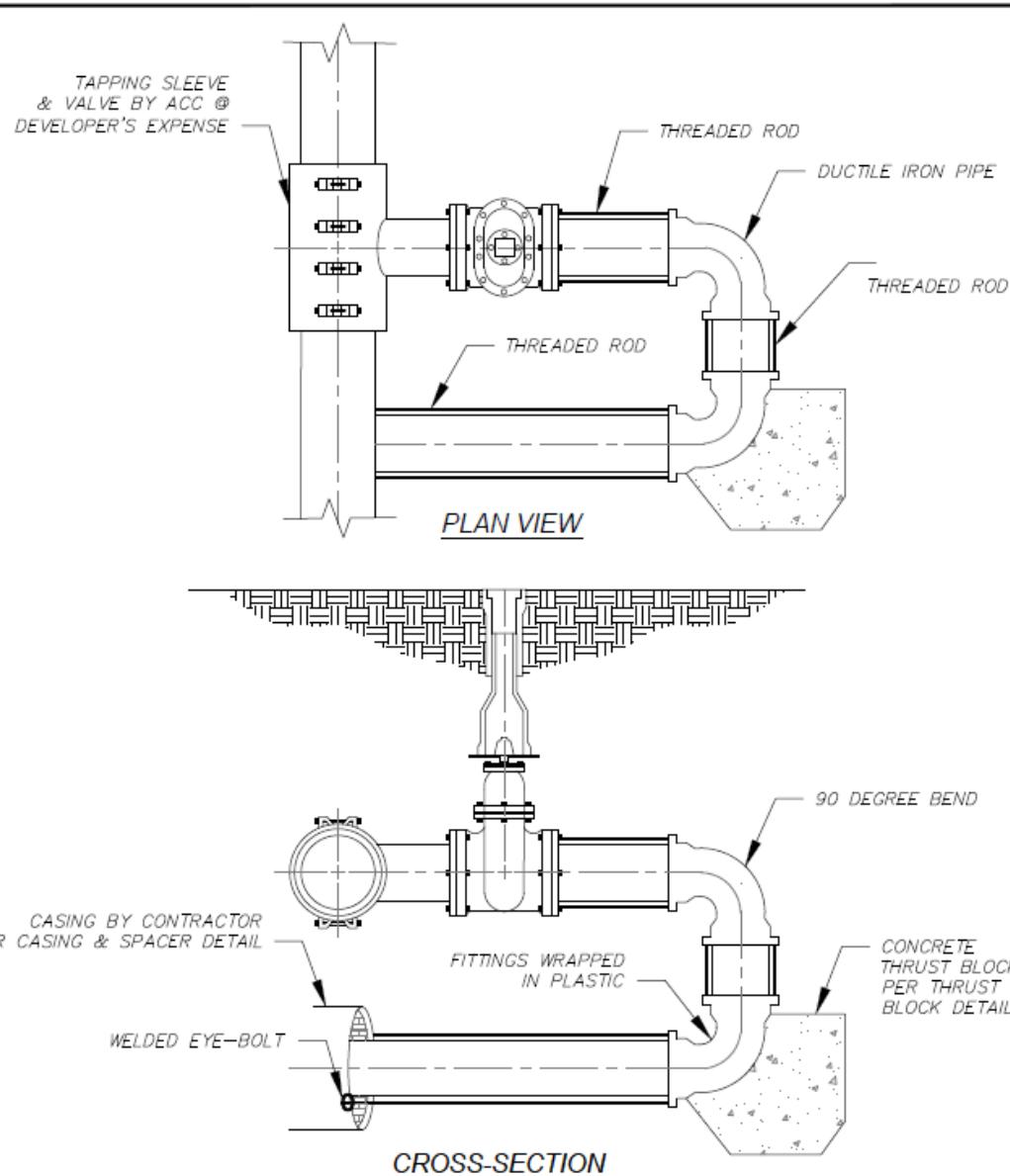
Standard Specification and Detail for:

Fire, Domestic and Irrigation Service Detail

GMD: NA	County: Athens-Clarke	State: Georgia	Date: June, 2025	<p>The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601 Fax: 706-613-3198 Voice: 706-613-3490</p> 
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Approved by: MRA				
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W-13 Back Tap Installation Detail

DET-W-13 - BACK TAP INSTALLATION DETAIL.dwg



Back Tap Installation Detail

NTS

W-13

Standard Specification and Detail for:

Back Tap Installation Detail

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
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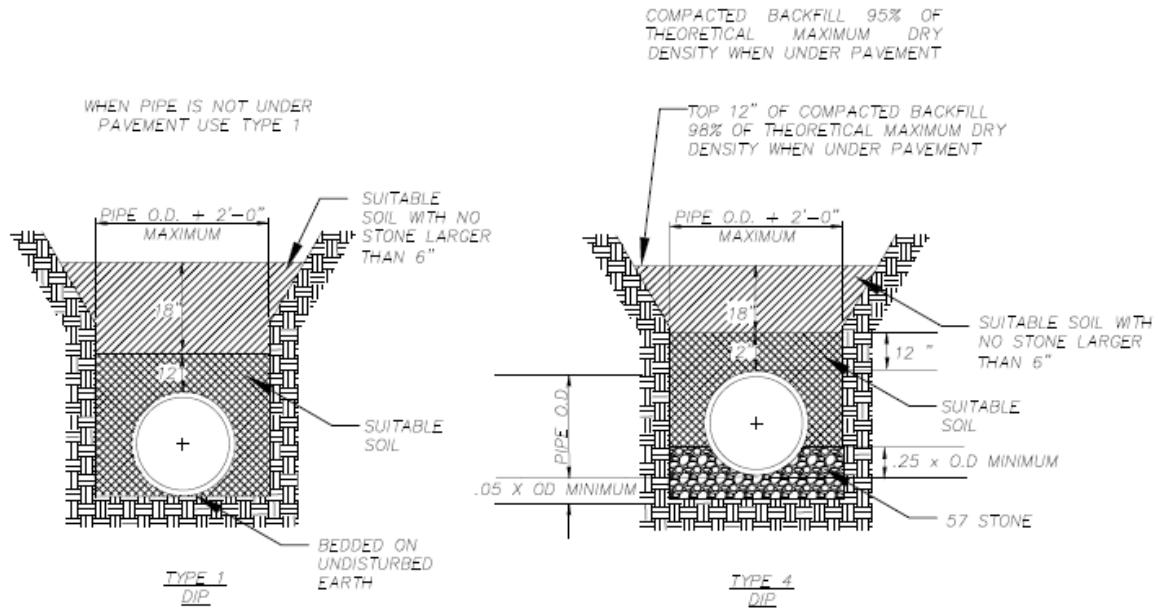
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W-14 Water Pipe Bedding Detail

DET-W-14 WATER PIPE BEDDING DETAIL.dwg



Water Pipe Bedding Detail

NTS

W-14

Standard Specification and Detail for:

Water Pipe Bedding Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

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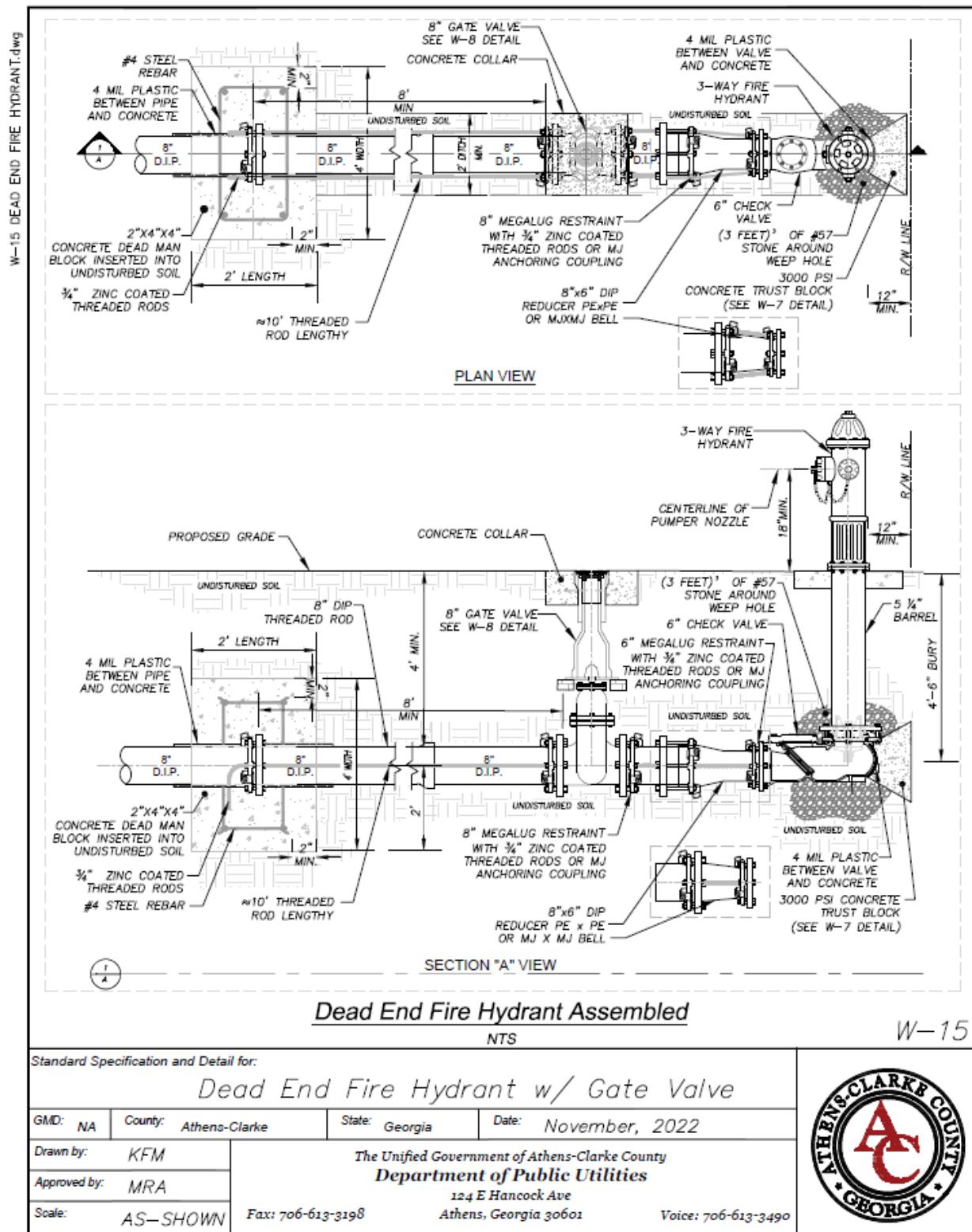
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Voice: 706-613-3490

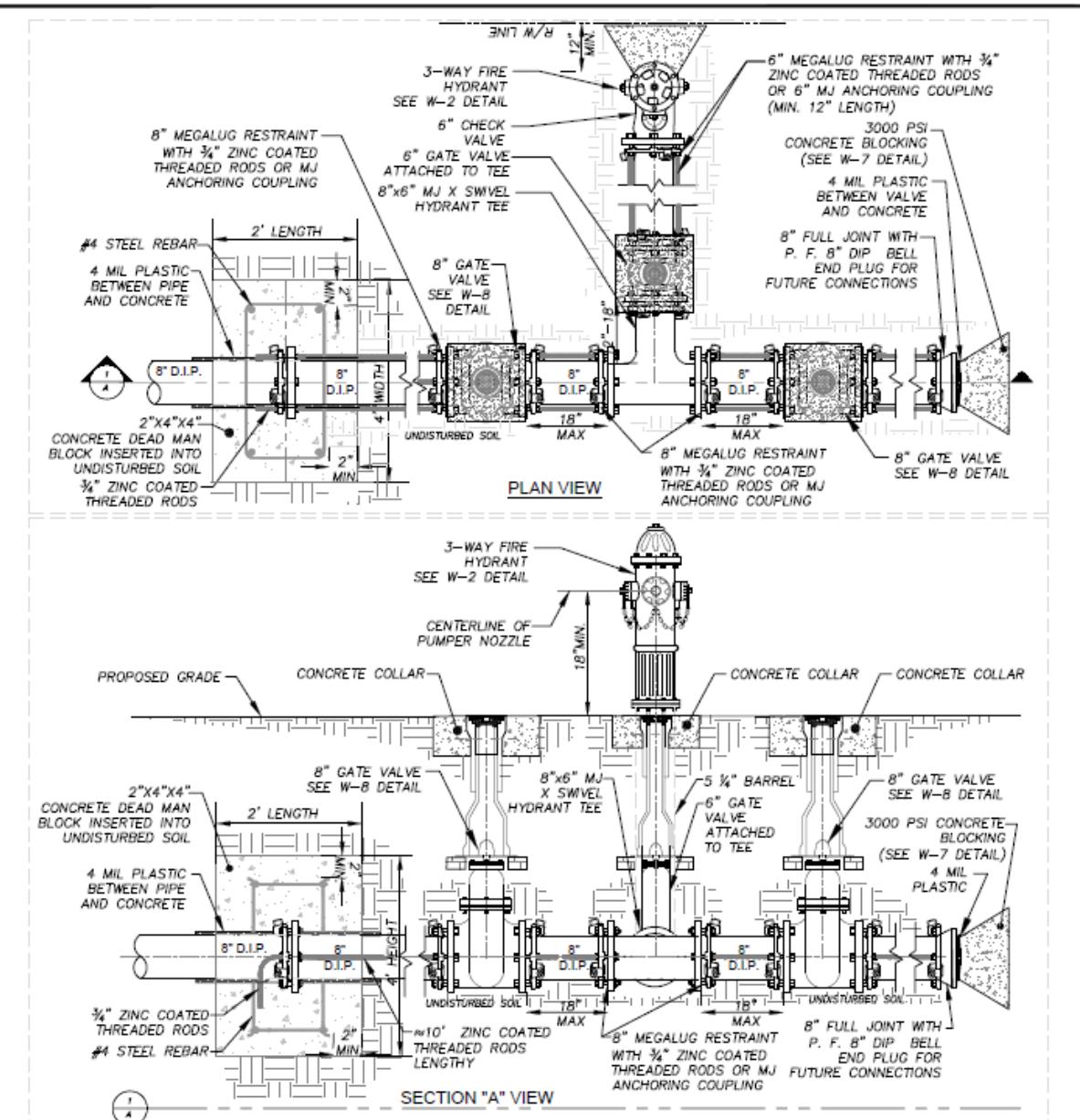


W-15 Dead End Fire Hydrant Assembled Detail



W-16 Dead End Fire Hydrant prepared for Future Extensions Detail.

W-16 DEAD END FIRE HYDRANT WITH FUTURE EXPANSION.dwg

Dead End Fire Hydrant Assembled w/ Tee and Tee, Gate Valve for Future Extension

NTS

W-16

Standard Specification and Detail for:

Dead End Fire Hydrant w/ Tee and Tee, Gate Valve for Future Extension

GMD: NA County: Athens-Clarke State: Georgia Date: November, 2022

Drawn by: KFM

Approved by: MRA

Scale: AS-SHOWN

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Department of Public Utilities

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Fax: 706-613-3198

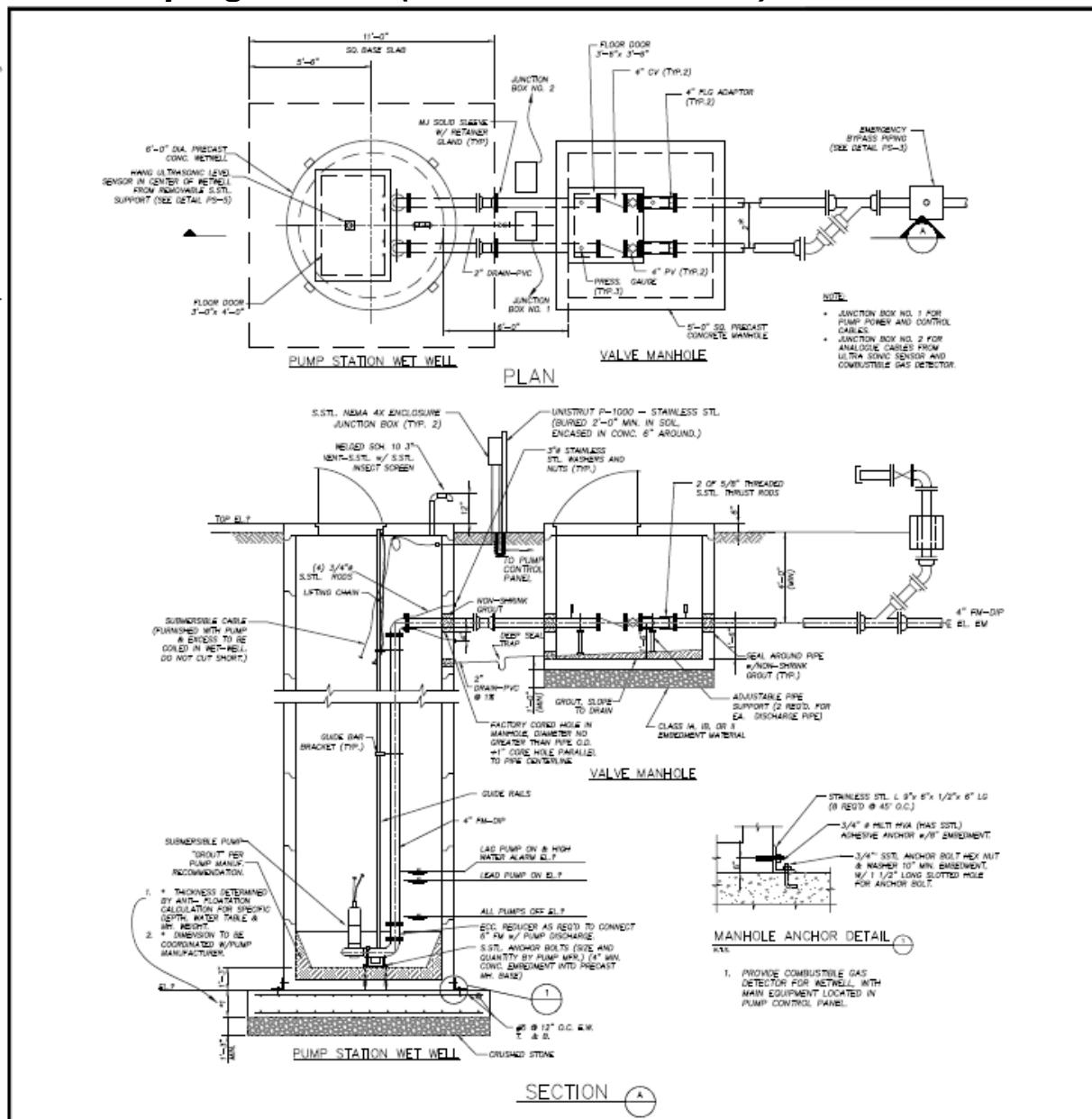
Athens, Georgia 30601

Voice: 706-613-3490



PS-1 Pumping Station (6' diameter wetwell)

AC001ps1 - PUMPING STATION 6.dwg



Pumping Station (6' diameter wetwell)

NTS

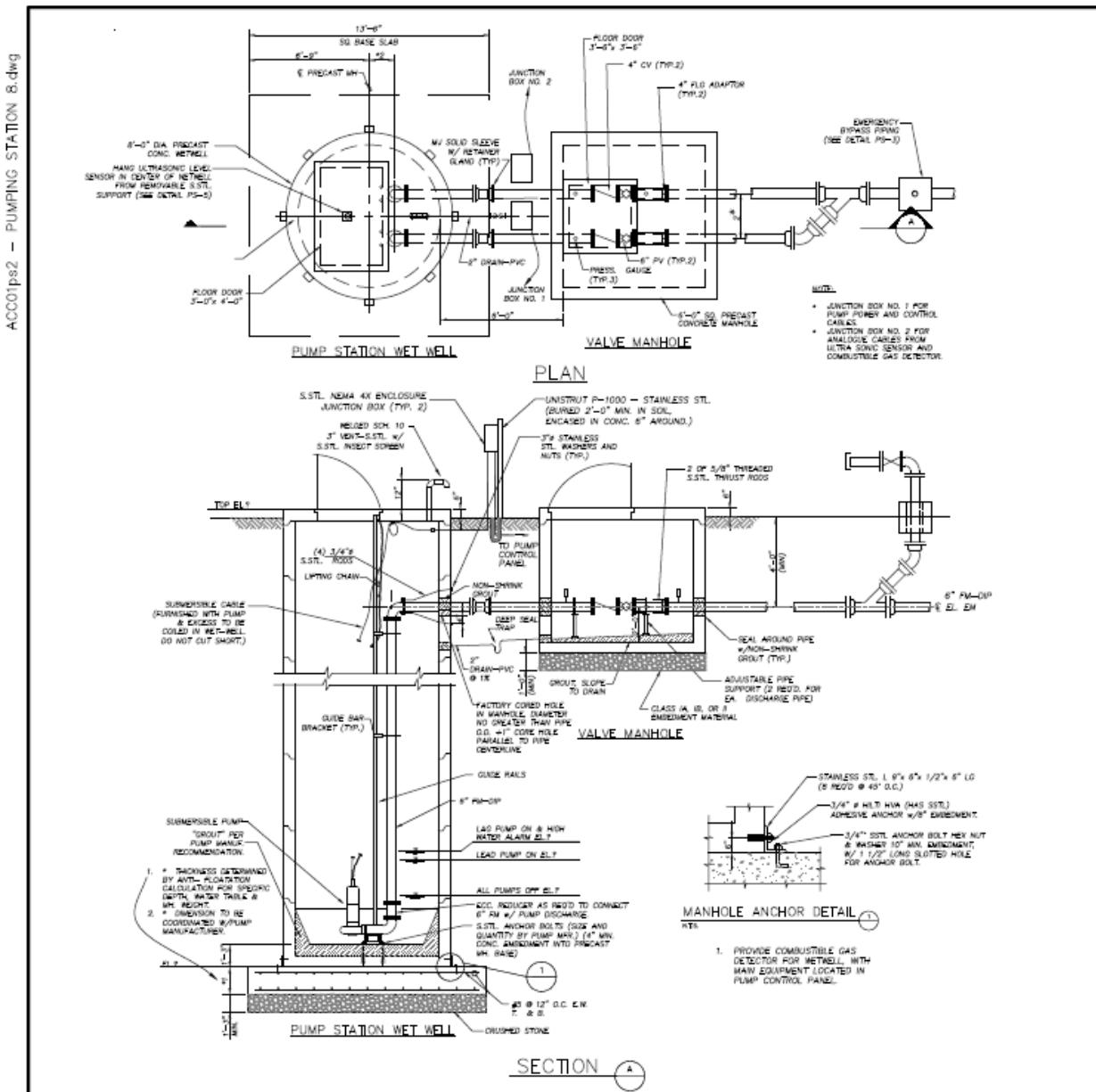
PS-1

Standard Specification and Detail for:

Pumping Station (6' diameter wetwell)

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019	<p>The Unified Government of Athens-Clarke County Department of Public Utilities 124 E. Hancock Ave Athens, Georgia 30601 Fax: 706-613-3198 Voice: 706-613-3490</p> 
Drawn by: KFM				
Approved by: GH				
Scale: AS-SHOWN				

PS-2 Pumping Station (8' diameter wetwell)



Pumping Station (8' diameter wetwell)

NTS

PS-2

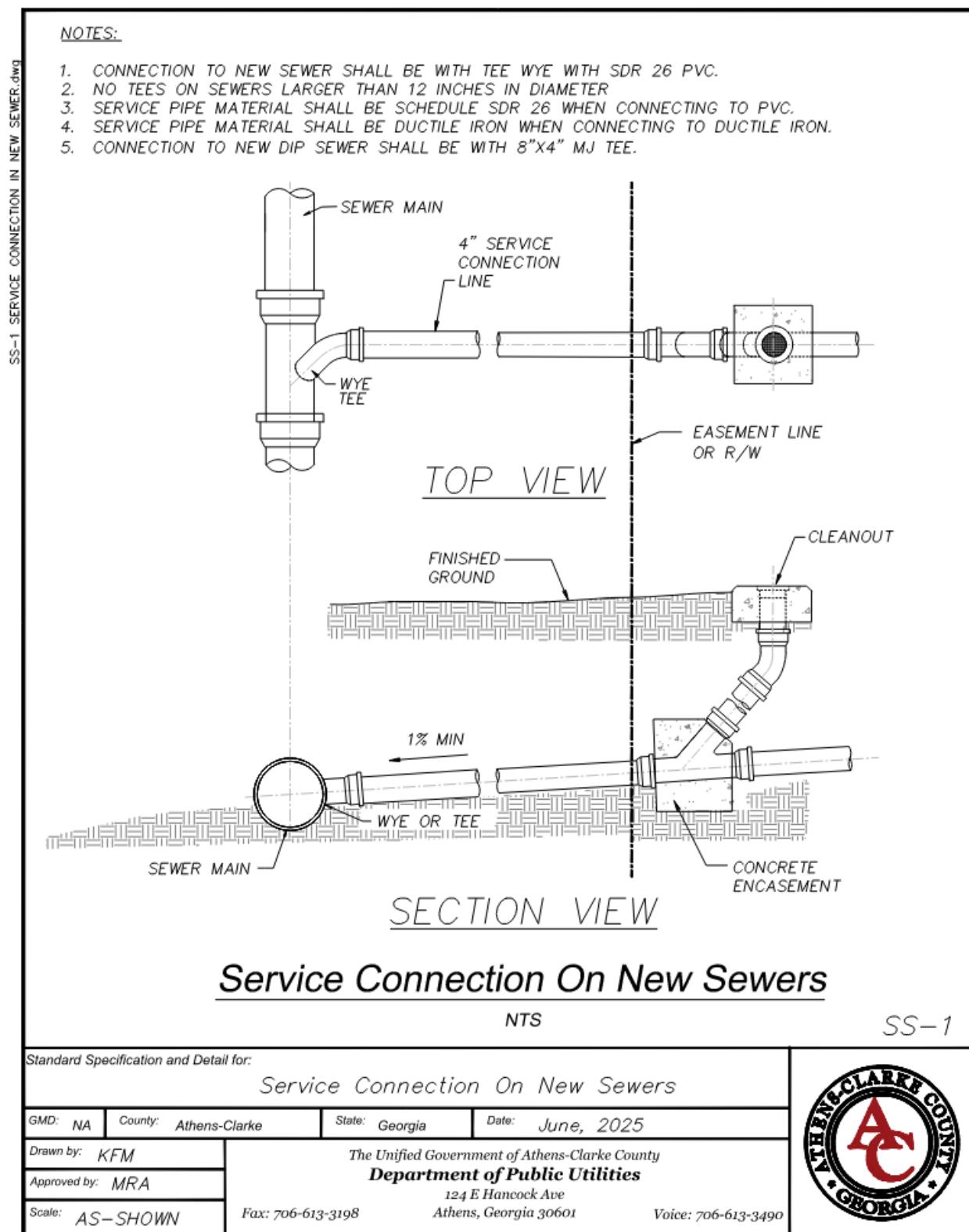
Standard Specification and Detail for:

Pumping Station (8' diameter wetwell)

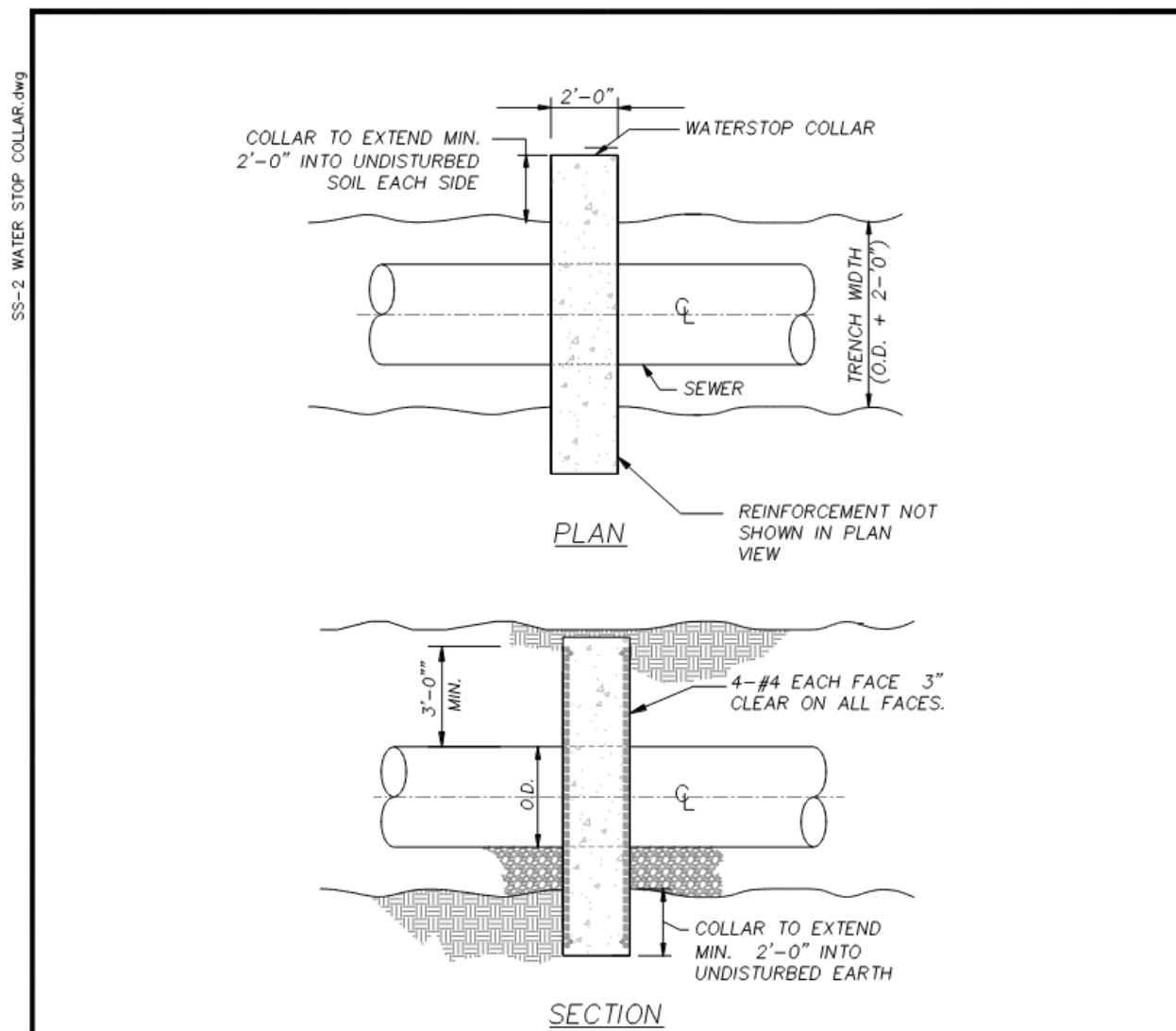
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Drawn by: KFM	<i>The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601</i>		
Approved by: GJ			
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SS-1 Service Connection on New Sewers



SS-2 Water Stop Collar



Water Stop Collar

SS-2

Standard Specification and Detail for:

Water Stop Collar

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
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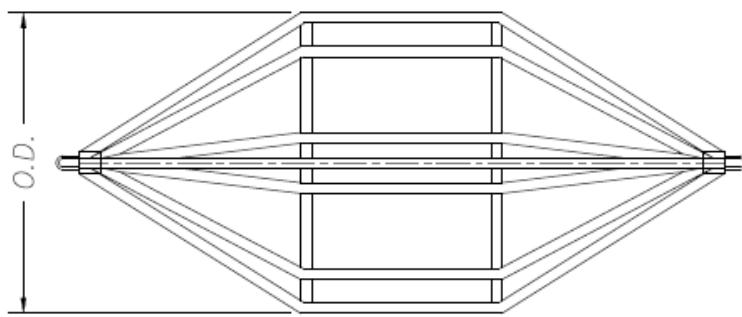
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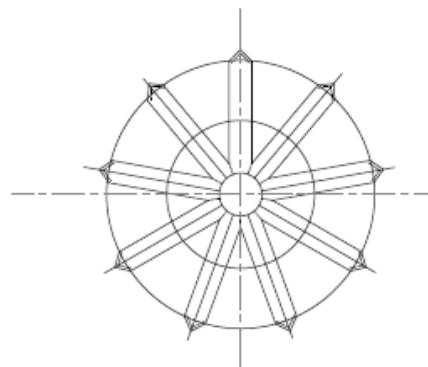


SS-3 Deflection Test Mandrel

SS-3 - DEFLECTION TEST MANDREL.dwg



SIDE OR TOP VIEW



END VIEW

SEWER SIZE	MINIMUM MANDREL DIAMETER
8	7.41
10	9.31
12	11.21
15	14.06

EQUAL TO 95% OF BASE INSIDE DIAMETER

Deflection Test Mandrel

SS-3

Standard Specification and Detail for:

Deflection Test Mandrel

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

The Unified Government of Athens-Clarke County
Department of Public Utilities

Fax: 706-613-3198

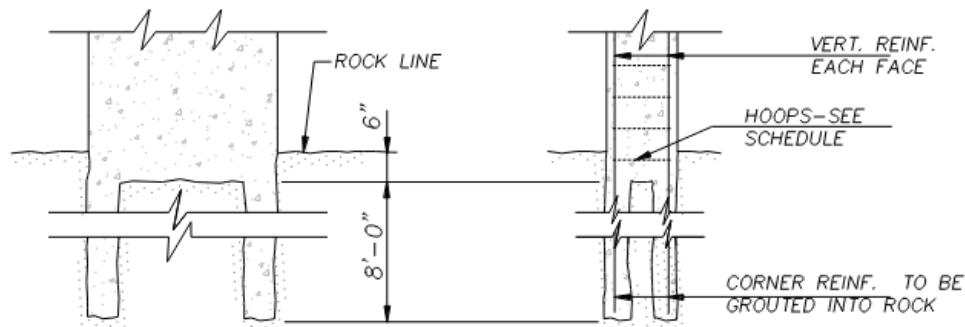
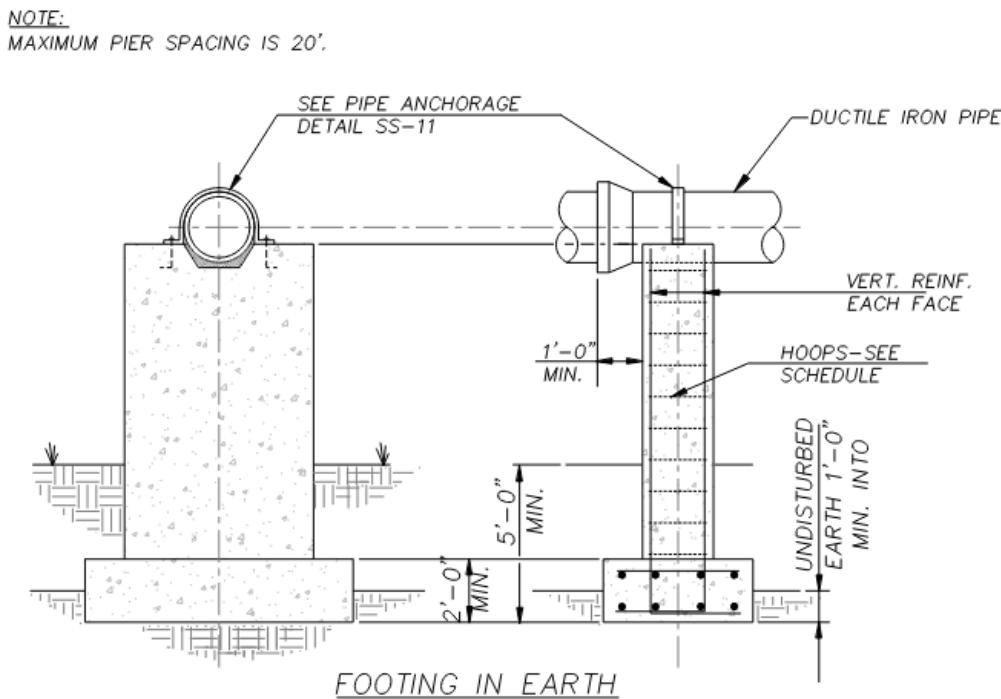
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Athens, Georgia 30601

Voice: 706-613-3490



SS-4 Concrete Pier

SS-4 CONCRETE PIER.dwg



FOUNDATION IN ROCK

Concrete Pier

SS-4

Standard Specification and Detail for:

Concrete Pier

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
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Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

124 E Hancock Ave

Scale: AS-SHOWN

Fax: 706-613-3198

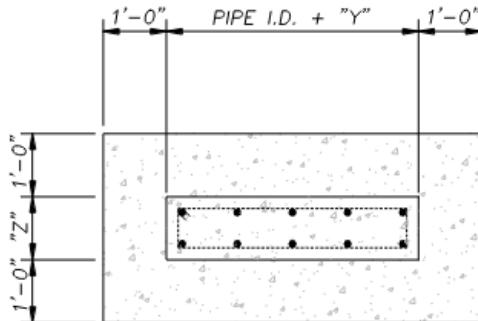
Athens, Georgia 30601

Voice: 706-613-3490



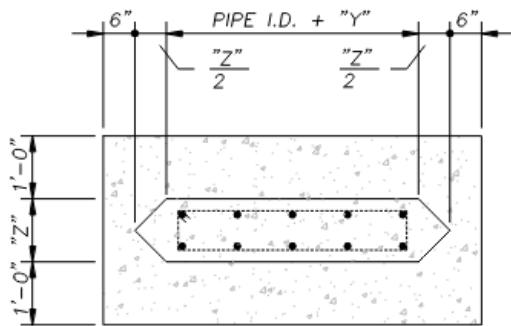
SS-5 Concrete Pier Footing

SS-5 CONCRETE PIER FOOTING.dwg



PIPE I.D.	"Y"	"Z"	VERT. REINF. @12" O.C.	HOOPS @12" O.C.
8"-16"	24"	12"	#5	#3

PLAN - OVERLAND



PLAN - IN STREAM

NOTES:

1. FOOTING REINF. SAME AS VERT. REINF. EA. WAY TOP & BOTTOM.
2. WHEN BASE IS IN ROCK OMIT FOOTING & GROUT VERTICAL CORNER BARS 8' INTO ROCK.

Concrete Pier Footing

NTS

SS-5

Standard Specification and Detail for:

Concrete Pier Footing

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

The Unified Government of Athens-Clarke County
Department of Public Utilities

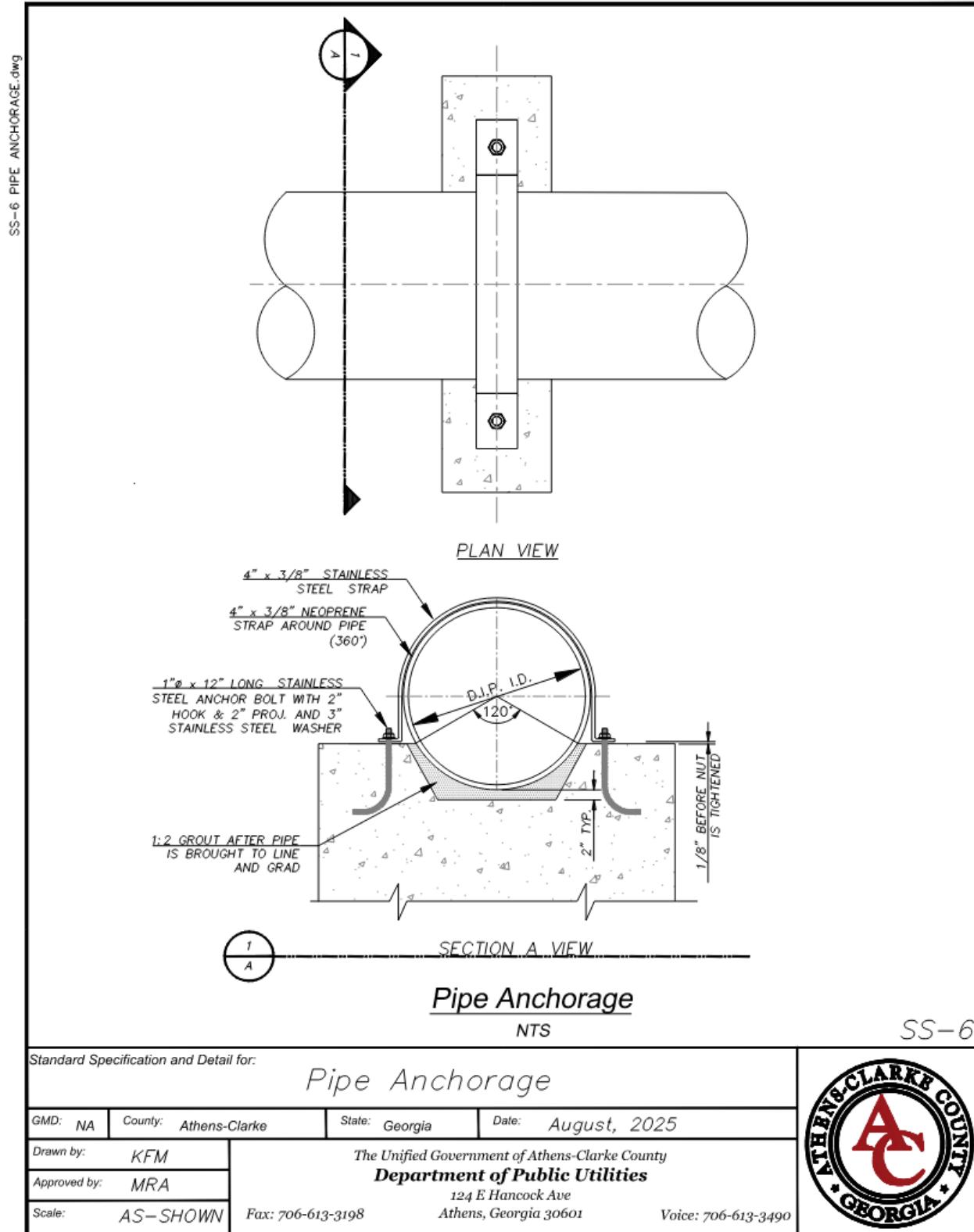
124 E Hancock Ave

Athens, Georgia 30601

Voice: 706-613-3490

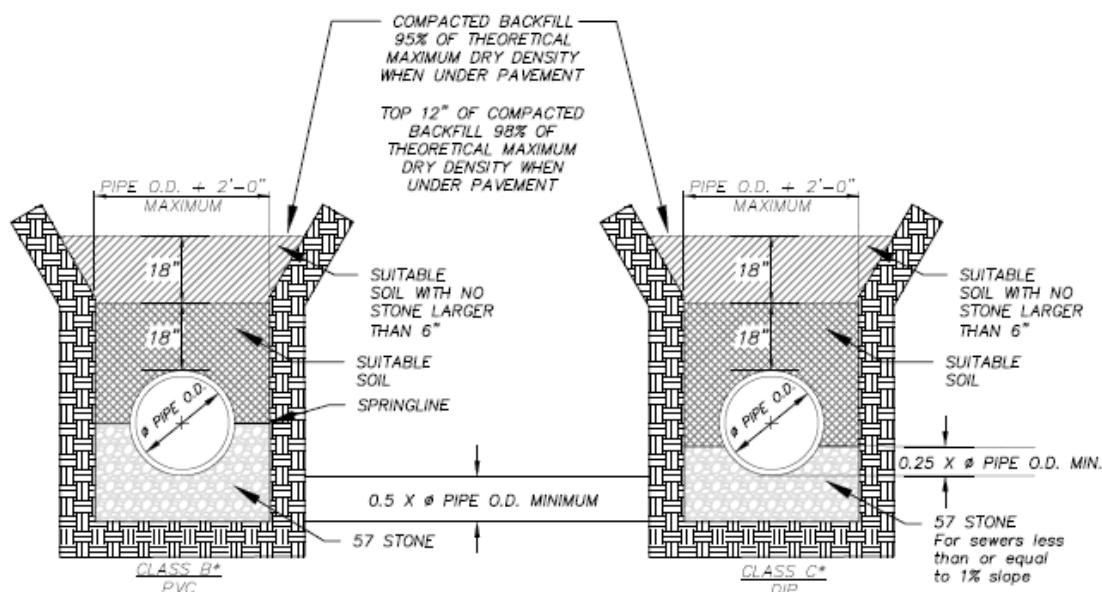


SS-6 Pipe Anchorage



SS-7 Sanitary Sewer Pipe Bedding Detail

SS-7 SANITARY SEWER PIPE BEDDING DETAIL.dwg



NOTE: FOR TRENCHES IN ROCK MINIMUM TRENCH WIDTH IS 3'-0" AND MINIMUM BEDDING IS 6".

*TYPE 3 MODIFIED (ACC 1990)

NOTE: 12" DIP DEEPER THAN 15' SHALL HAVE STONE UP TO SPRING LINE.

*TYPE 3 MODIFIED (ACC 1990)
*TYPE 4 MODIFIED DIPRA

NOTE: IF THE TRENCH IS EXCAVATED TO EXCESSIVE WIDTH, BEDDING AND HAUNCHING WITH NO.57 CRUSHED STONE IS REQUIRED TO 12 INCHES ABOVE THE TOP OF PIPE (PVC) AND TO THE CROWN (DIP)

*PLUS ANY UNDERCUT

Sanitary Sewer Bedding Detail

NTS

SS-7

Standard Specification and Detail for:

Sanitary Sewer Pipe Bedding Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

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Scale: AS-SHOWN

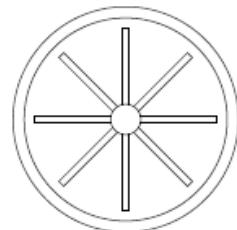
Athens, Georgia 30601

Voice: 706-613-3490



MH-1 Frame and Cover Manhole Detail

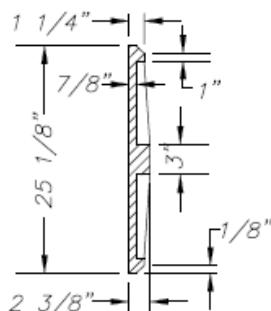
MH1 FRAME AND COVER.dwg



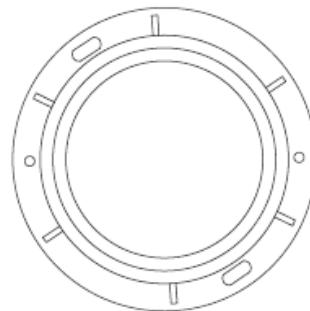
COVER BACK



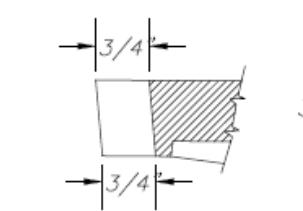
COVER FACE



COVER SECTION

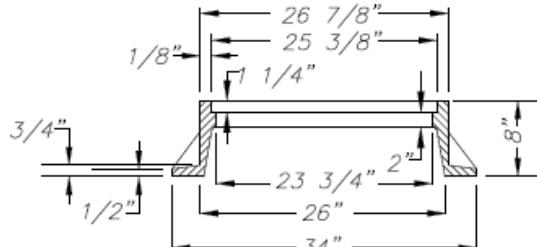


FRAME PLAN



(2) TYPE ONE PICKSLOTS

PICKSLOT DETAIL



FRAME SECTION

Frame and Cover Manhole Detail

NTS

MH-1

Standard Specification and Detail for:

Frame and Cover Manhole Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

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Department of Public Utilities

Approved by: GJ

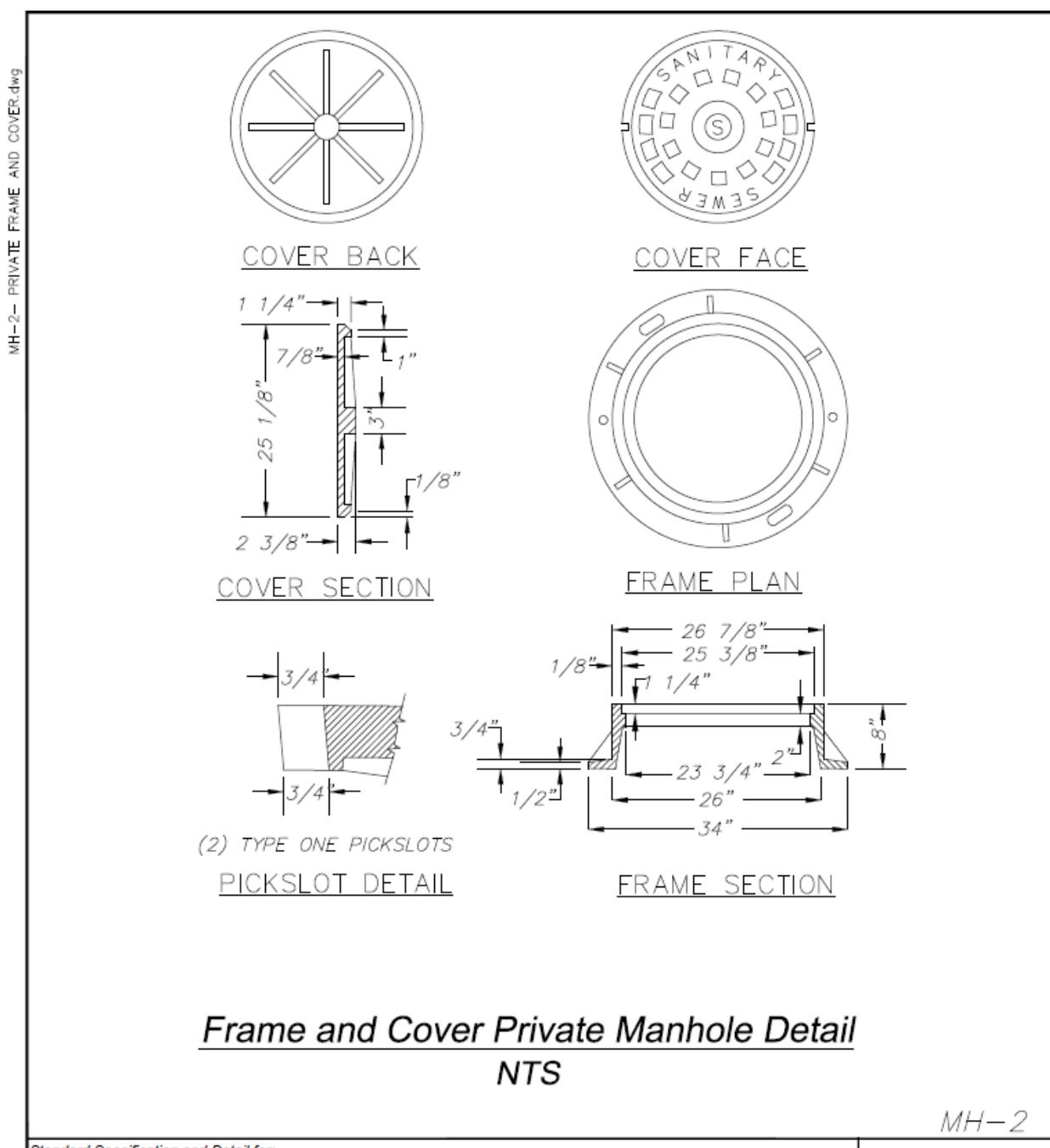
124 E Hancock Ave

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Athens, Georgia 30601

Voice: 706-613-3490



MH-2 Frame and Cover Private Manhole Detail

Frame and Cover Private Manhole Detail
NTS

MH-2

Standard Specification and Detail for:

Frame and Cover Private Manhole Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

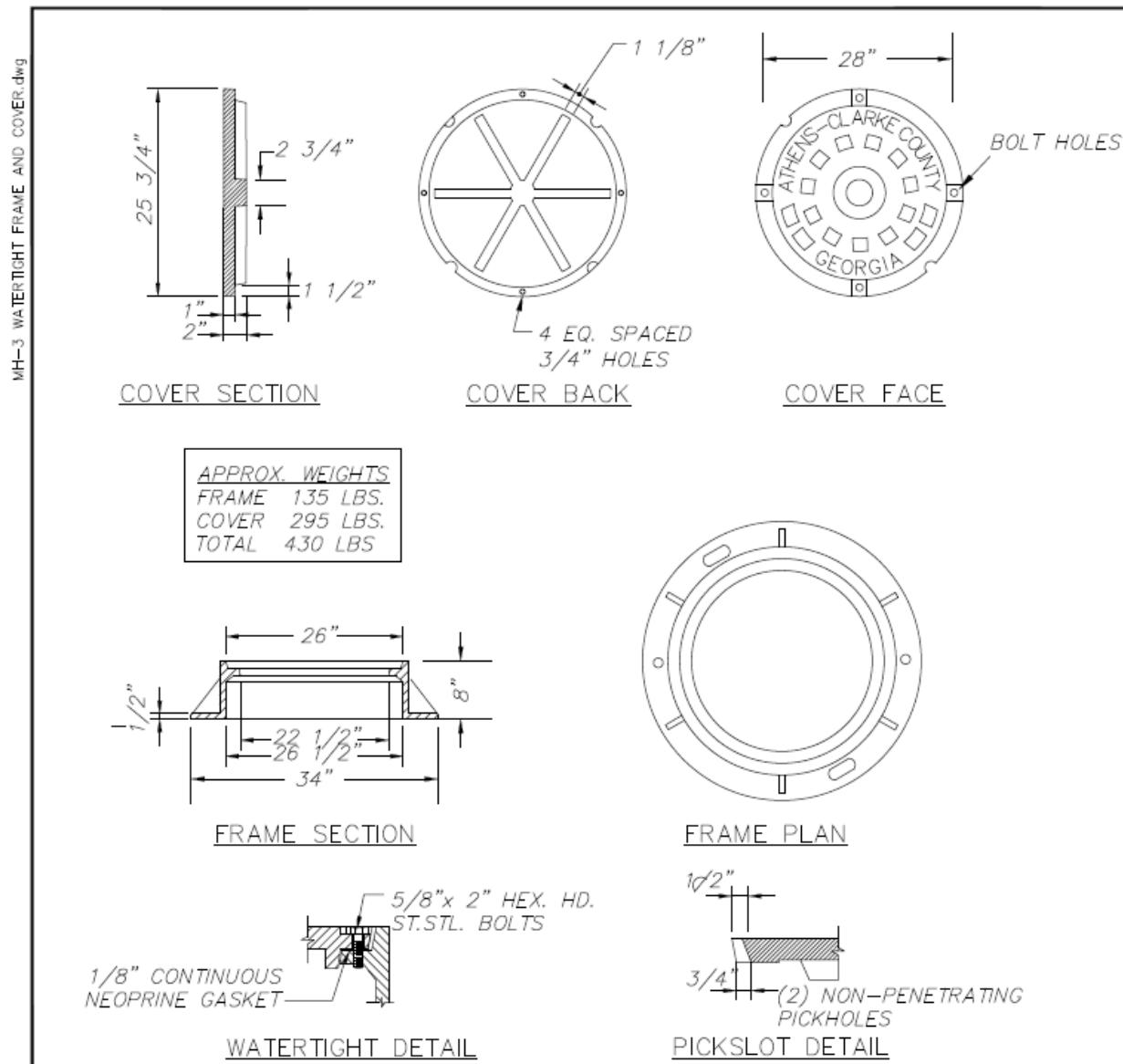
124 E Hancock Ave
Athens, Georgia 30601

Scale: AS-SHOWN

Fax: 706-613-3198

Voice: 706-613-3490



MH-3 Watertight Frame and Cover Manhole Detail**Watertight Frame and Cover Manhole Detail**

NTS

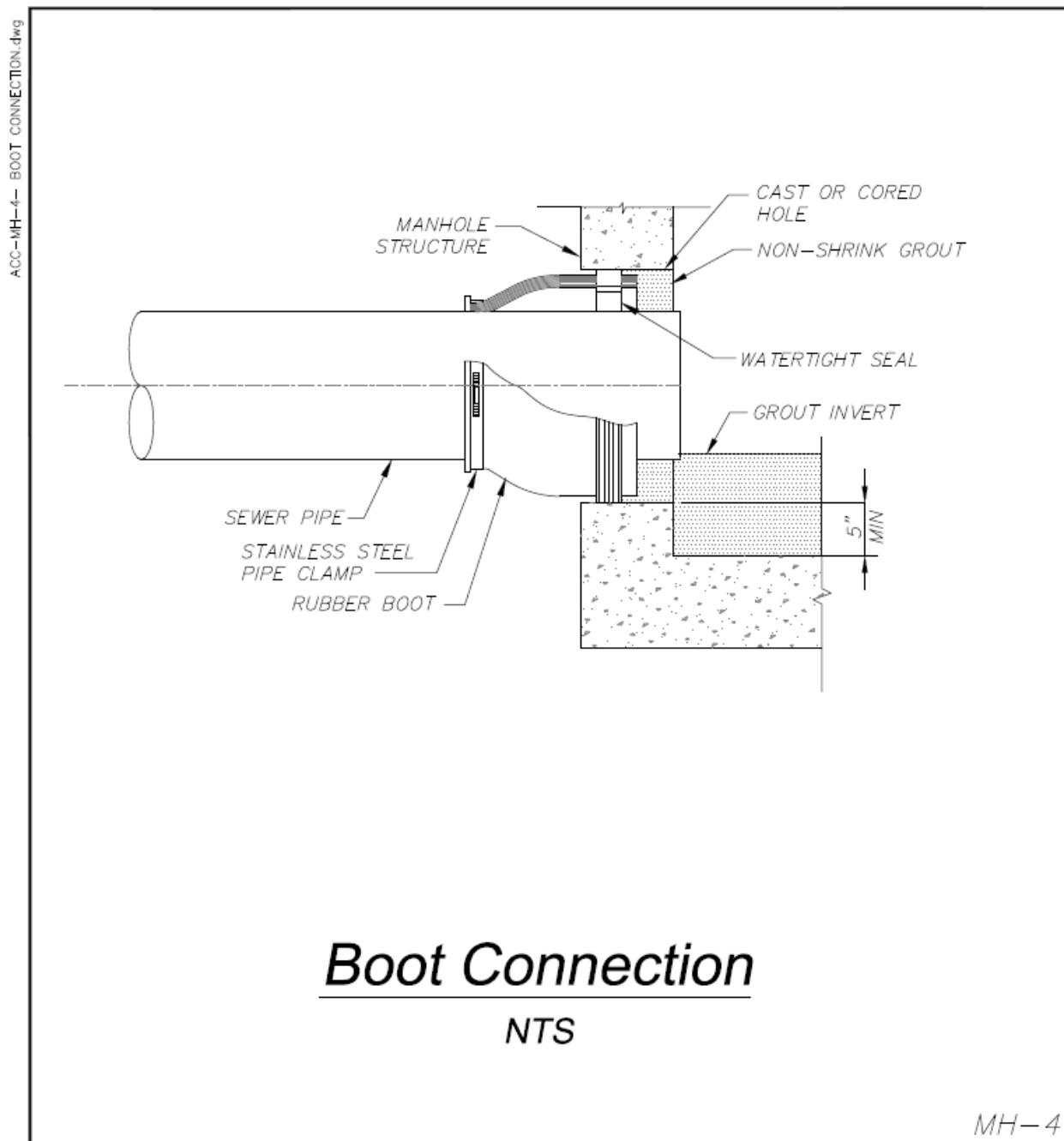
MH-3

Standard Specification and Detail for:

Watertight Frame and Cover Manhole Detail

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities		
Approved by: GJ	124 E Hancock Ave Athens, Georgia 30601		
Scale: AS-SHOWN	Fax: 706-613-3198	Athens, Georgia 30601	Voice: 706-613-3490



MH-4 Boot Connection**Boot Connection**

NTS

MH-4

Standard Specification and Detail for:

Boot Connection

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

124 E Hancock Ave
Athens, Georgia 30601

Scale: AS-SHOWN

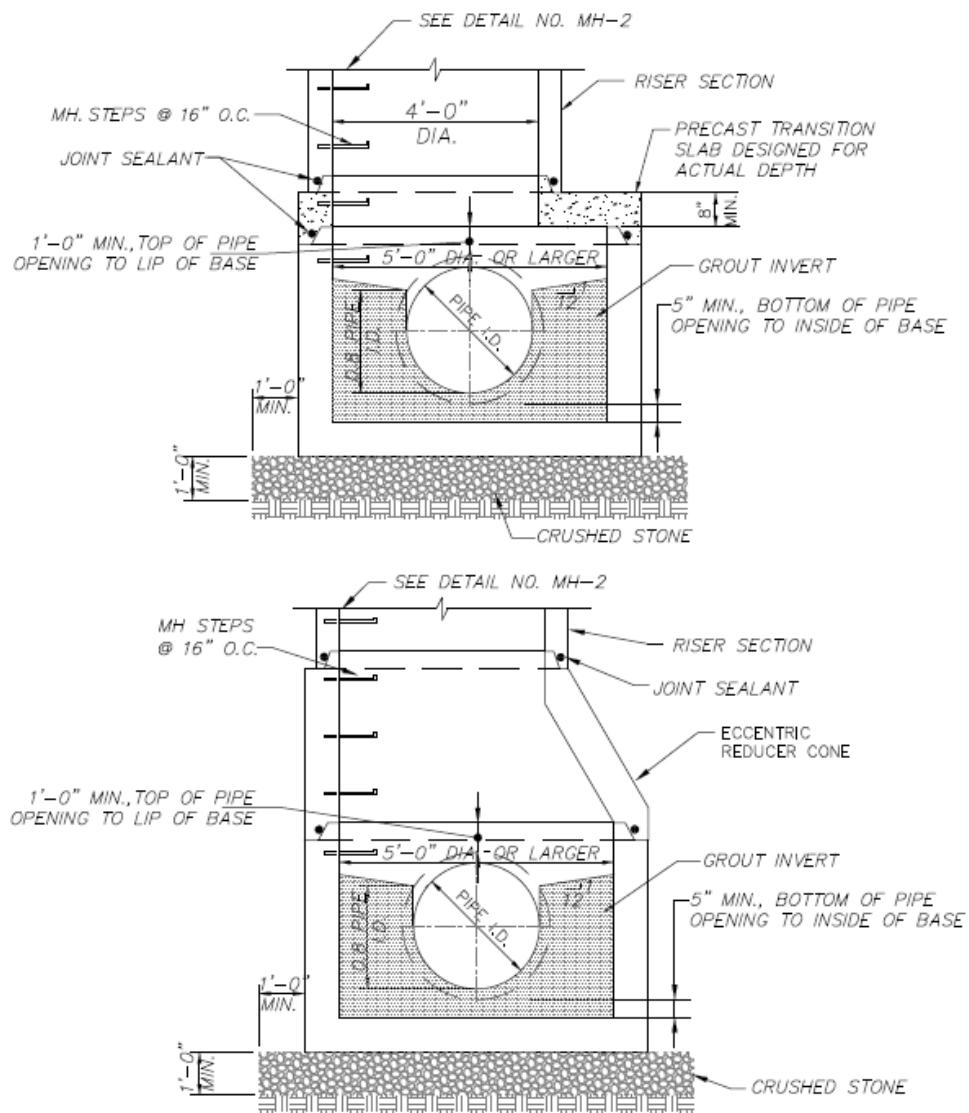
Fax: 706-513-3198

Voice: 706-513-3490



MH-5 Large Diameter Manhole Base

MH5- LARGE DIAMETER MANHOLE BASE.dwg

**Large Diameter Manhole Base**

NTS

MH-5

Standard Specification and Detail for:

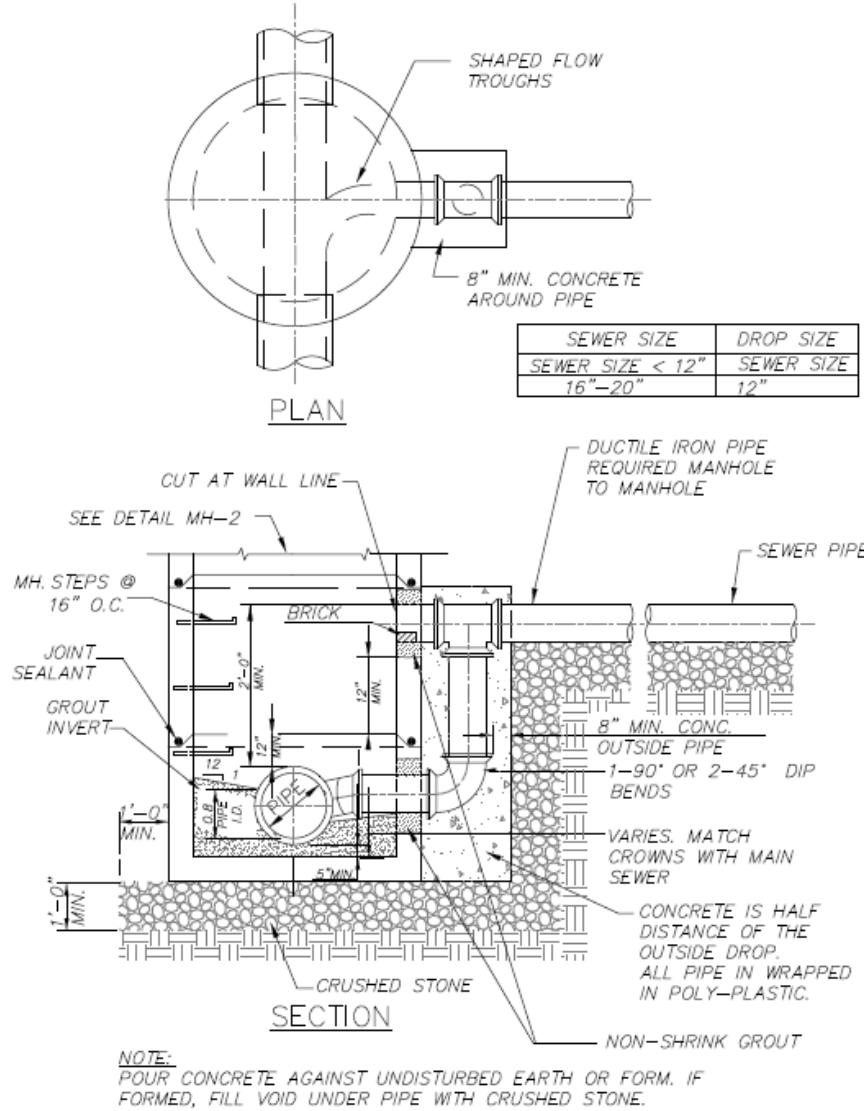
Large Diameter Manhole Base

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601		
Approved by: GJ			
Scale: AS-SHOWN	Fax: 706-613-3198	Athens, Georgia 30601	Voice: 706-613-3490



MH-6 Manhole Base with Hole Connection

MH6 - MANHOLE BASE WITH HOLE CONNECTION.dwg



Manhole Base with Hole Connection

NTS

MH-6

Standard Specification and Detail for:

Manhole Base with Hole Connection

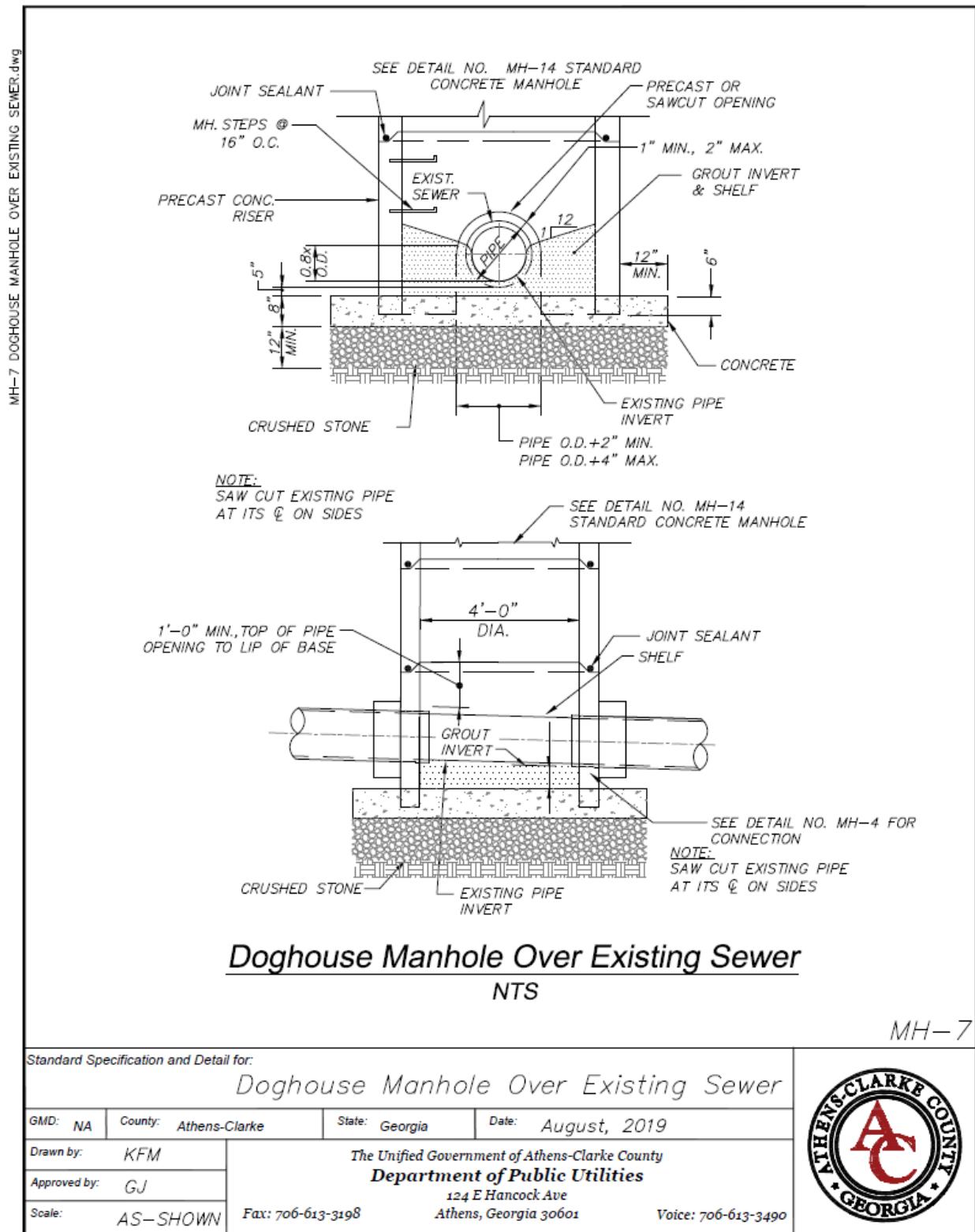
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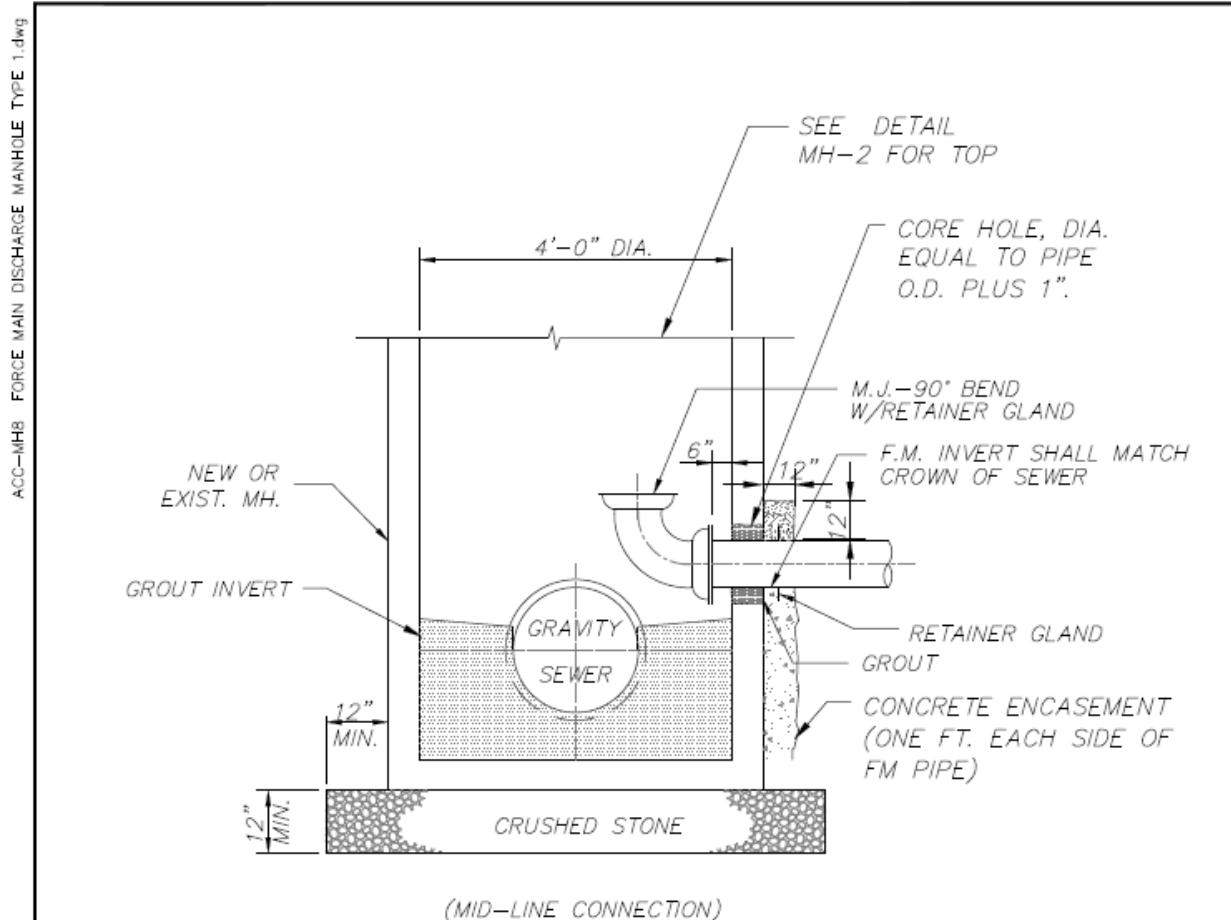
Drawn by: KFM

Approved by: GJ

Scale: AS-SHOWN

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Department of Public Utilities124 E Hancock Ave
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Fax: 706-613-3198
Voice: 706-613-3490

MH-7 Doghouse - Manhole Over Existing Sewer

MH-8 Force Main Discharge Manhole Type 1**Force Main Discharge Manhole Type 1**

NTS

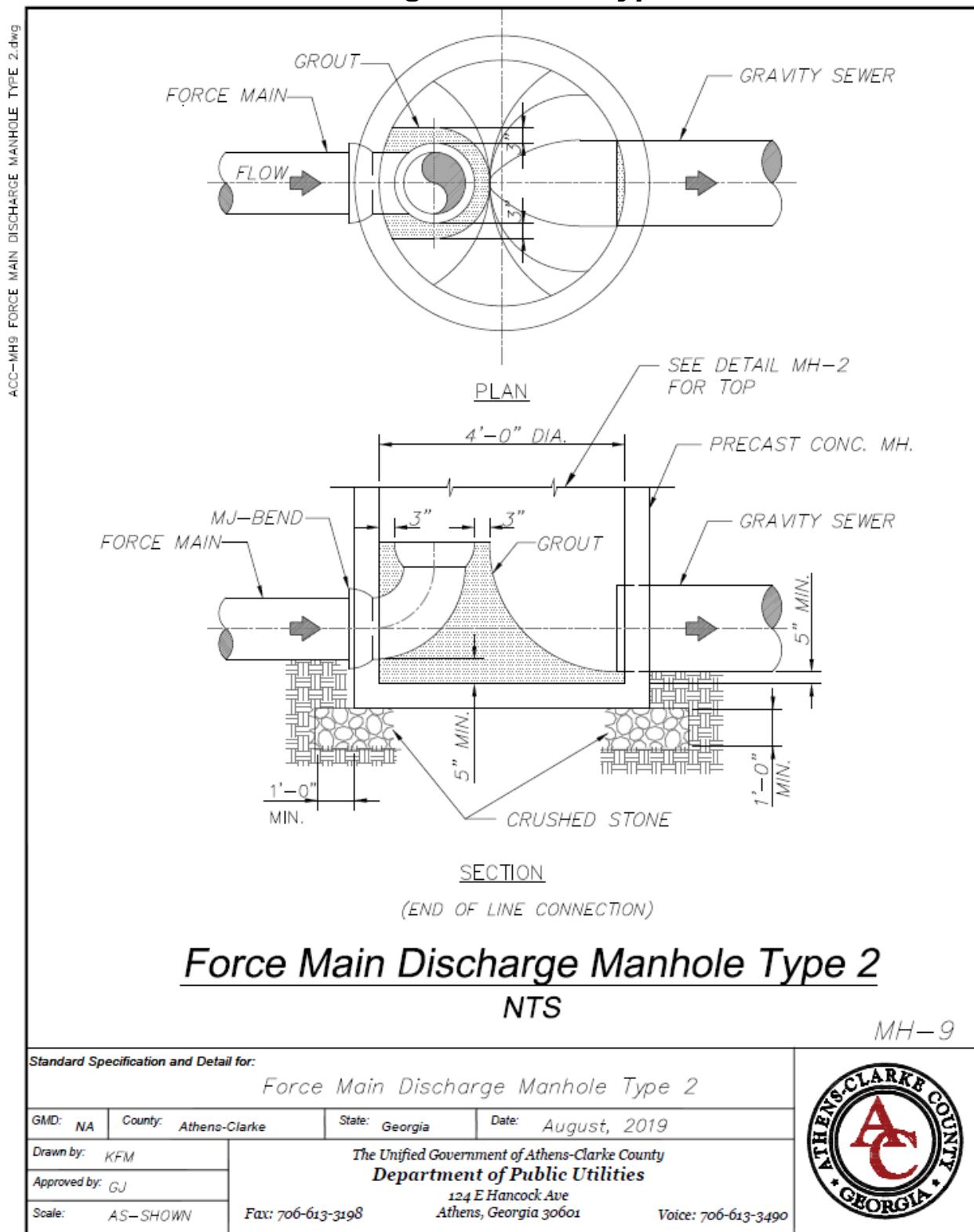
MH-8

Standard Specification and Detail for:

Force Main Discharge Manhole Type 1

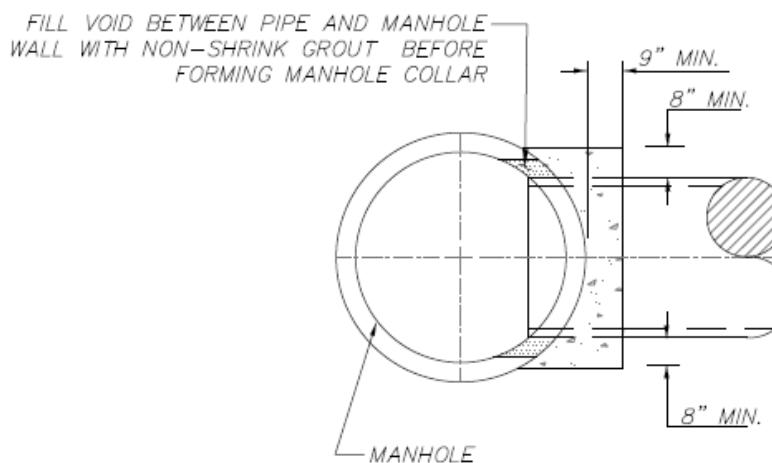
GMD: NA	County: Athens-Clarke	State: Georgia	Date: August 2019
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities		
Approved by: GJ	124 E Hancock Ave Athens, Georgia 30601		
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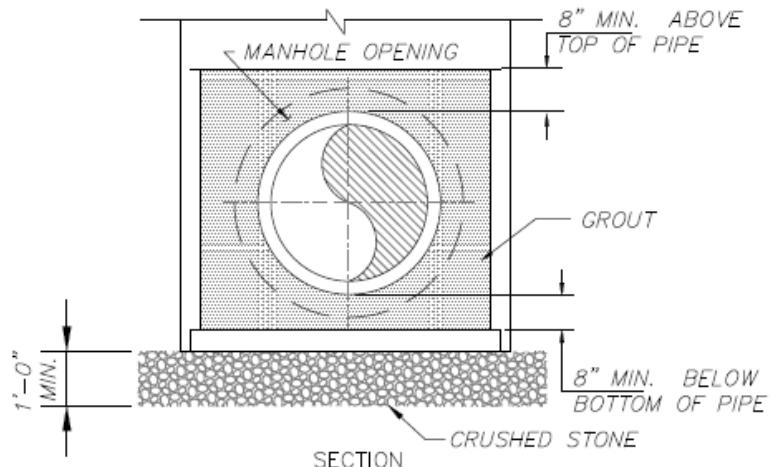
MH-9 Force Main Discharge Manhole Type 2

MH-10 Manhole Collar

ACC-MH10 MANHOLE COLLAR.dwg

PLAN

MANHOLE COLLARS SHALL BE USED FOR SEWER CONNECTIONS TO MANHOLES:
 1. IF EXIST. MANHOLE IS BRICK.
 2. IF MANHOLE IS CONSTRUCTED OVER EXIST. SEWER.



Manhole Collar
NTS

MH-10

Standard Specification and Detail for:

Manhole Collar

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

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Scale: AS-SHOWN

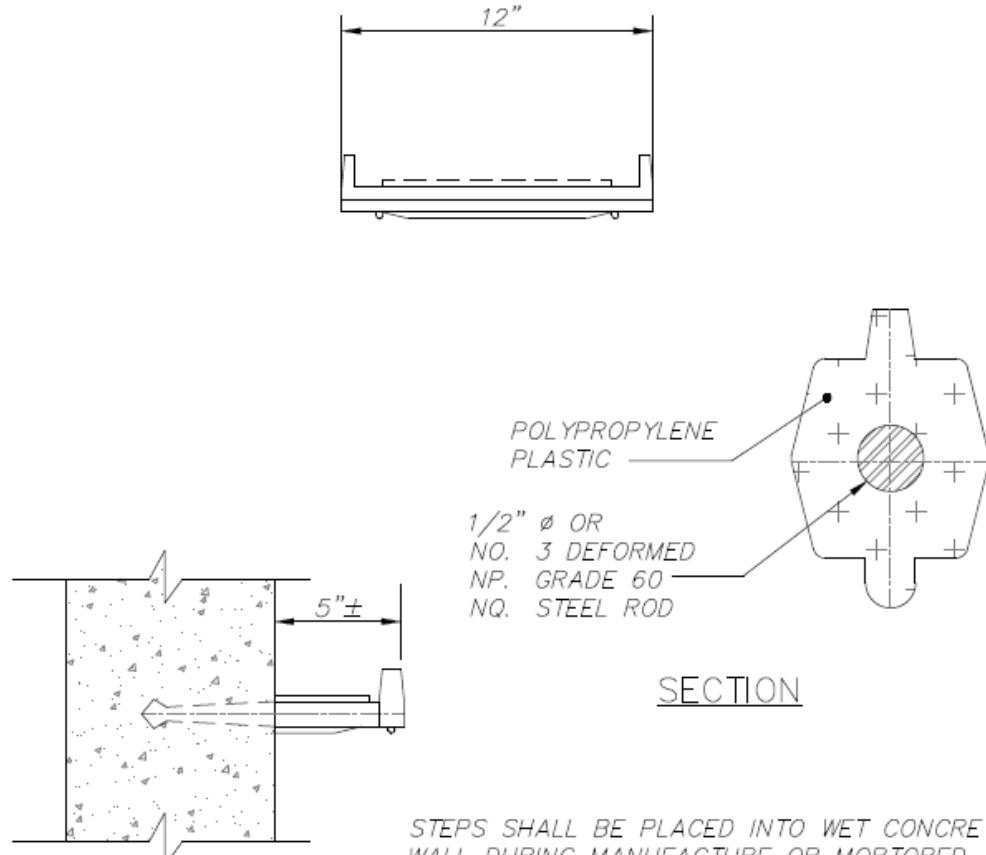
Fax: 706-613-3198

Voice: 706-613-3490



MH-11 Manhole Step

ACC-MH11 MANHOLE STEP.dwg



Manhole Step

NTS

MH-11

Standard Specification and Detail for:

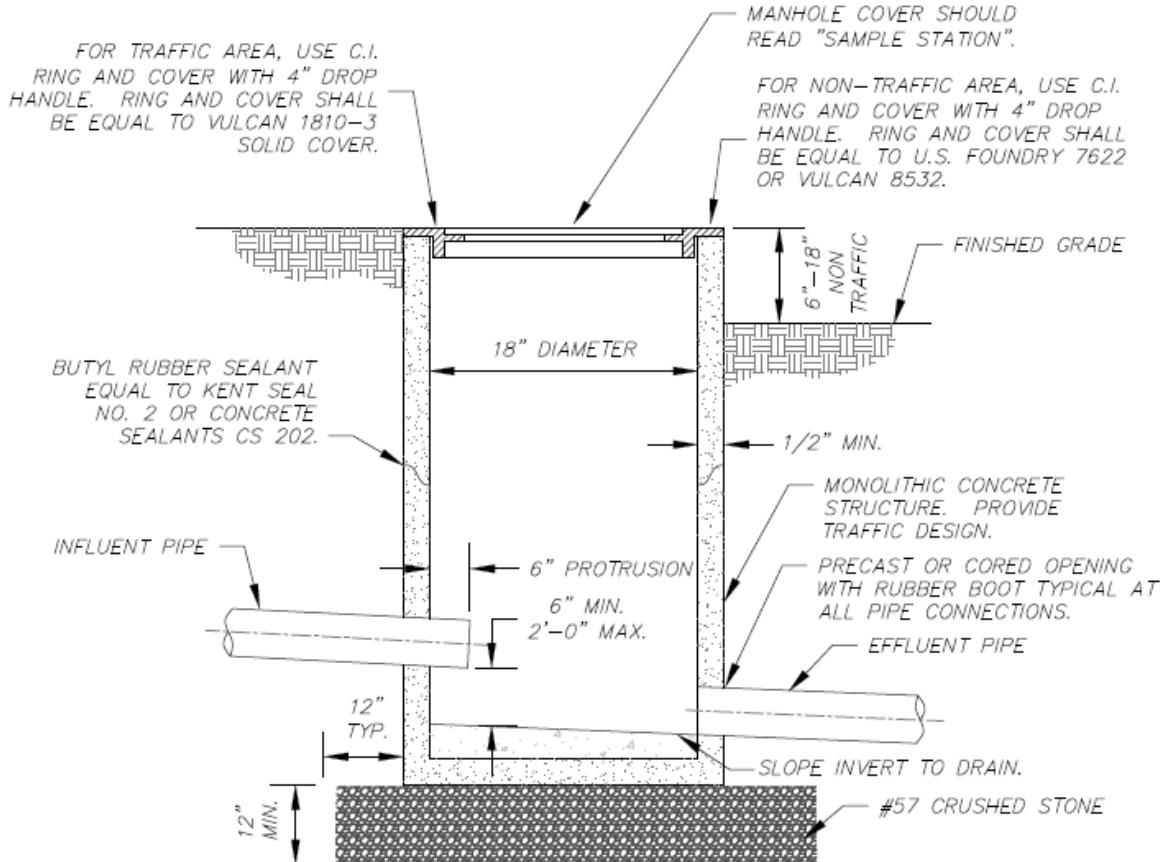
Manhole Step

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601		
Approved by: GJ			
Scale: AS-SHOWN	Fax: 706-613-3198	Athens, Georgia 30601	Voice: 706-613-3490

ATHENS-CLARKE COUNTY, GEORGIA

MH-12 Sample Manhole

ACC-MH12 SAMPLE MANHOLE.dwg



Sample Manhole NTS

MH-12

Standard Specification and Detail for:

Sample Manhole

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

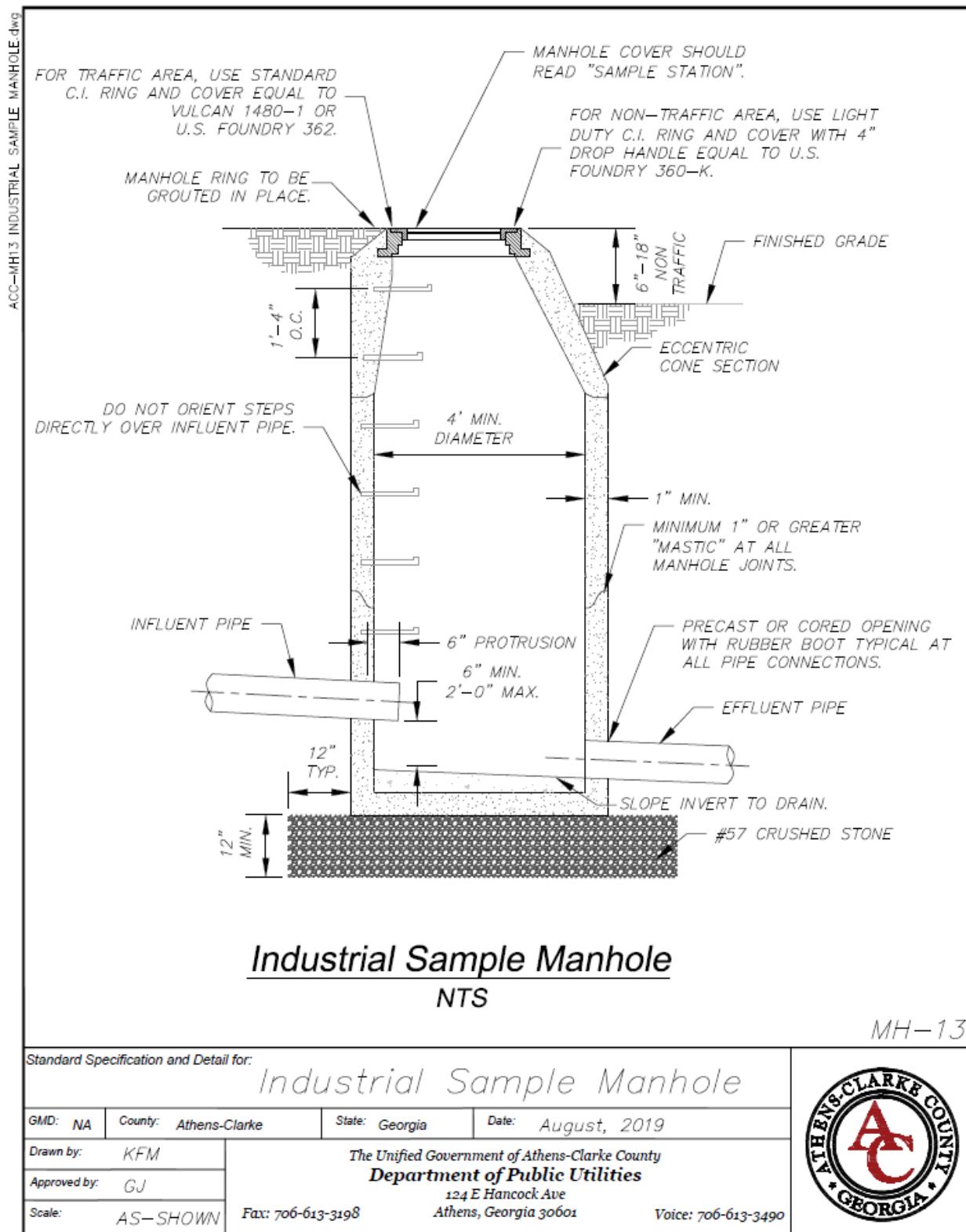
124 E Hancock Ave
Athens, Georgia 30601

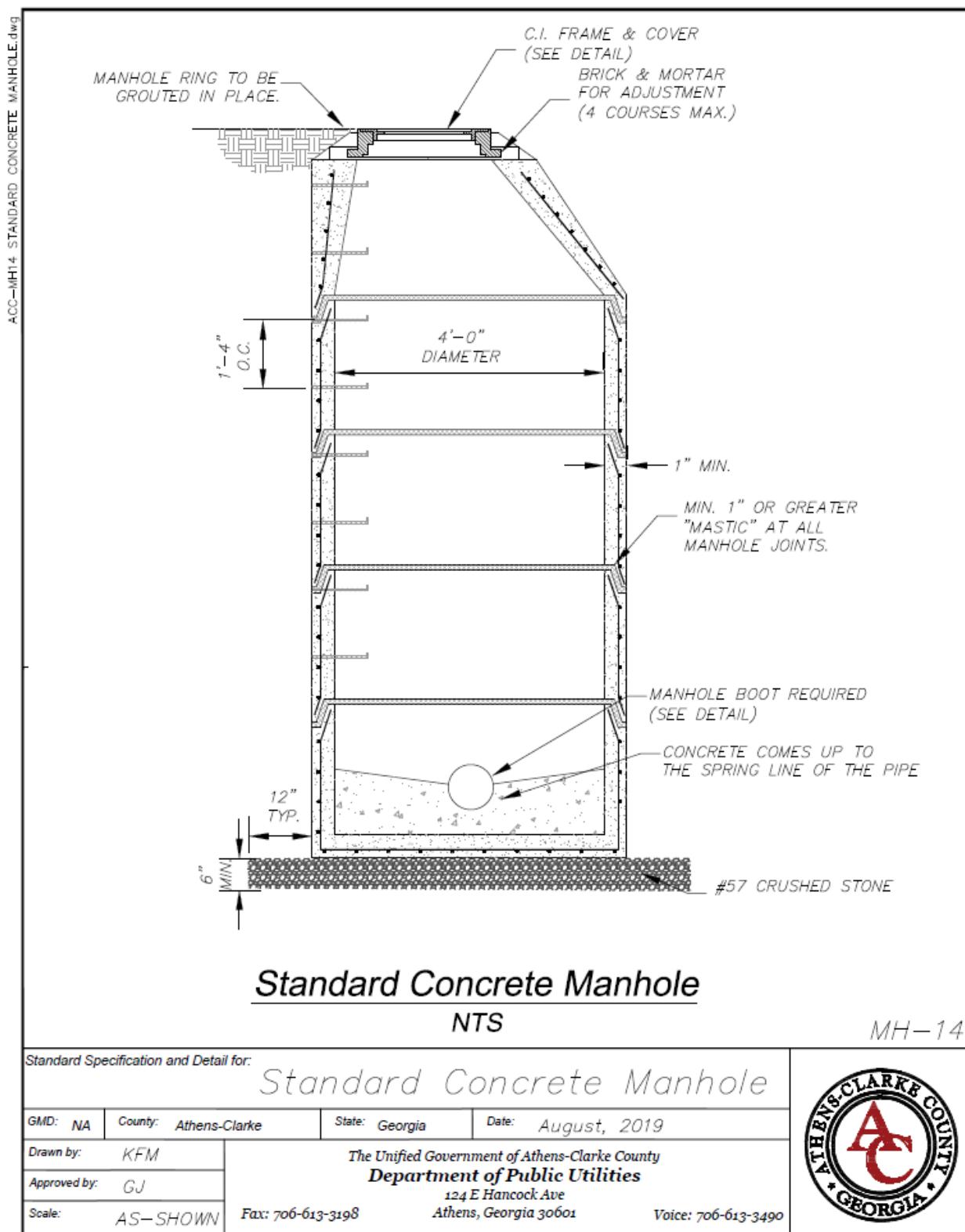
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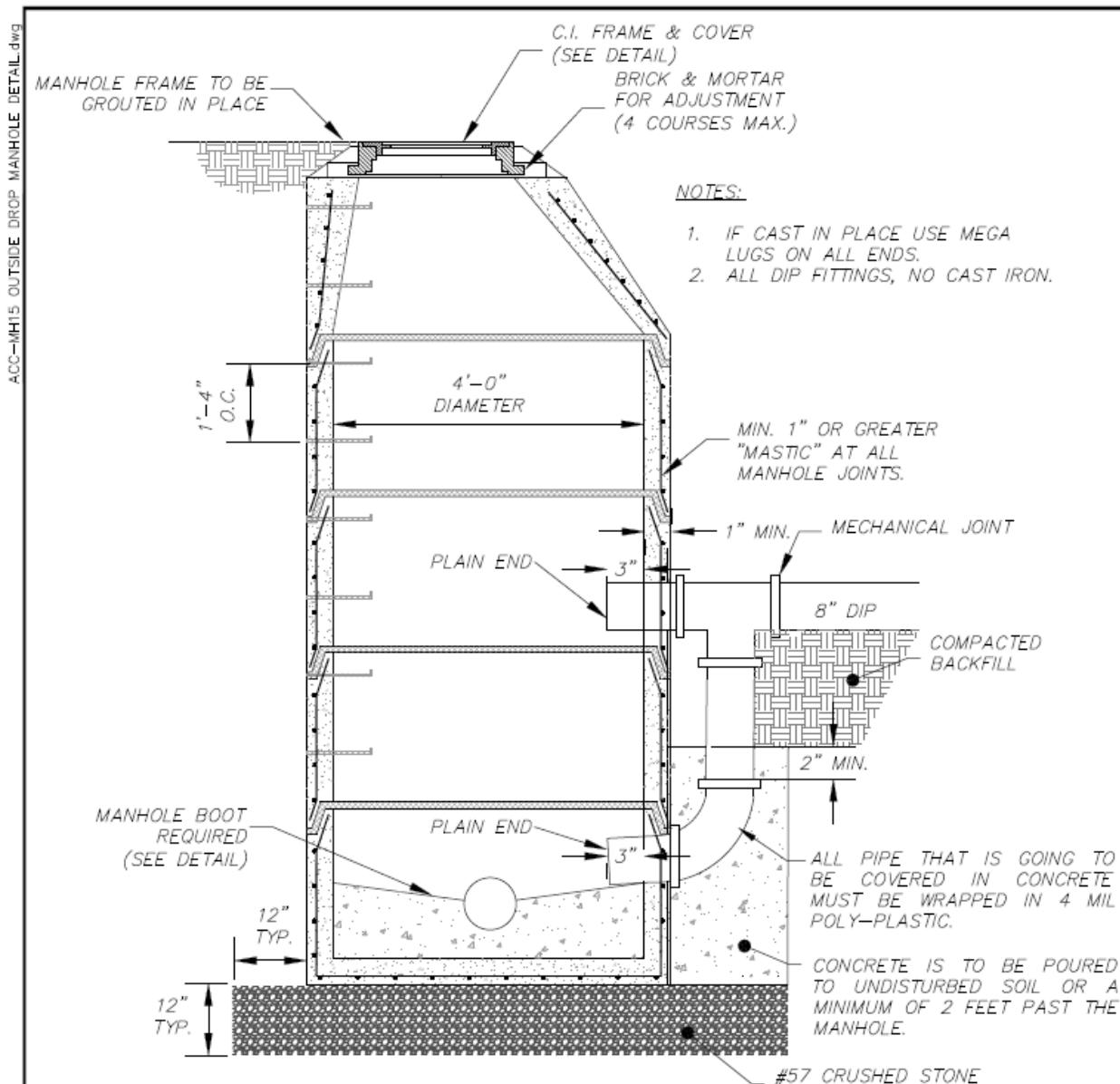
Fax: 706-613-3198

Voice: 706-613-3490



MH-13 Industrial Sample Manhole

MH-14 Standard Concrete Manhole

MH-15 Outside Drop Manhole**Outside Drop Manhole**

NTS

MH-15

Standard Specification and Detail for:

Outside Drop Manhole

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

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Department of Public Utilities

Approved by: GJ

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Scale: AS-SHOWN

Fax: 706-613-3198

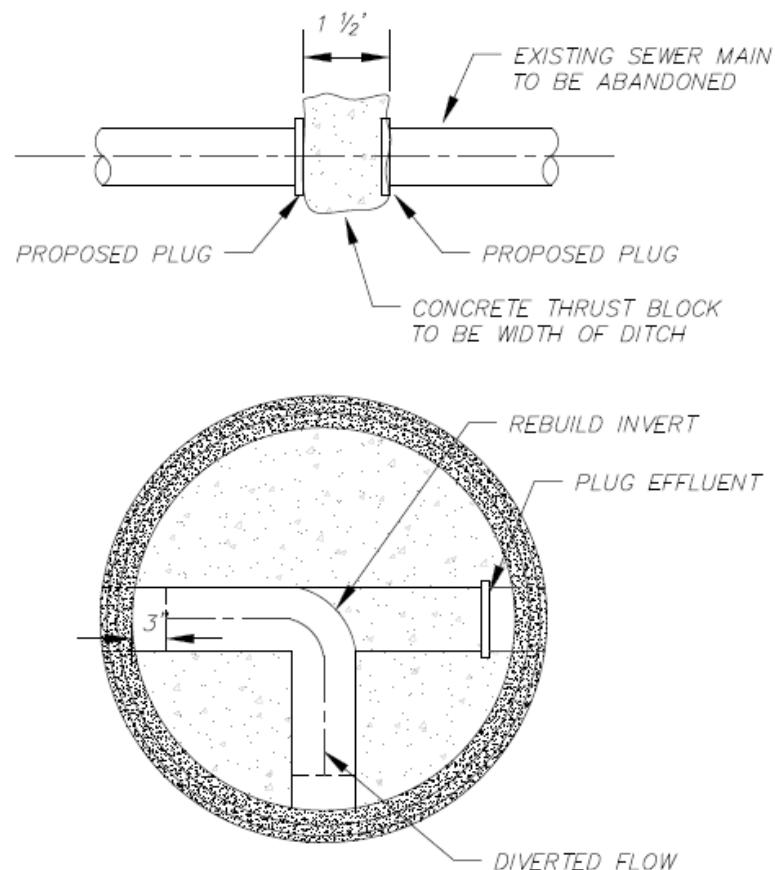
Athens, Georgia 30601

Voice: 706-613-3490



MH-16 Sewer Main Diversion

ACC-MH16 SEWER MAIN DIVERSION DETAIL.dwg



Sewer Main Diversion
NTS

MH-16

Standard Specification and Detail for:

Sewer Main Diversion

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

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Athens, Georgia 30601

Voice: 706-613-3490

Approved by: GJ

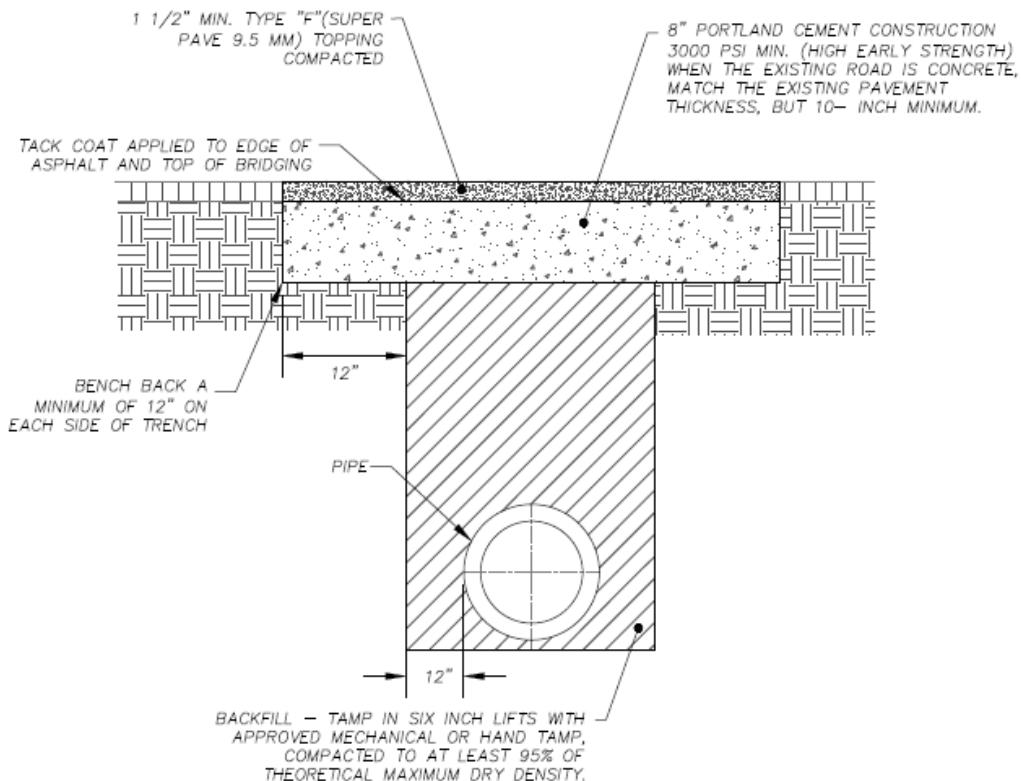
Scale: AS-SHOWN

Fax: 706-613-3198



G-1 Paving Cut Detail

G-1- PAVING CUT DETAIL.dwg

NOTES:

1. ALL LATERAL STREET CUTS MUST BE COVERED WITH A STEEL PLATE OF SUFFICIENT THICKNESS TO SPAN THE CUT WITHOUT NOTICEABLE DEFLECTION. PLATES TO REMAIN IN PLACE UNTIL THE CONCRETE BASE HAS GAINED SUFFICIENT STRENGTH TO WITH STAND TRAFFIC LOADS (24 HR MIN.), WITHIN NOT LONGER THAN SEVEN CALENDAR DAYS OF BEGINNING OF CONCRETE POUR THE AREA WILL BE TOPPED OUT.
2. WHERE COMPACTION CAN NOT BE OBTAINED WITH EARTH MATERIALS, USE NO.57 OR FLOWABLE FILL AS DETERMINED BY ACC INSPECTOR.
3. WORK TO BE INSPECTED BY THE ATHENS CLARKE COUNTY TRANSPORTATION AND PUBLIC WORKS INSPECTOR.

Paving Cut Detail

NTS

G-1

Standard Specification and Detail for:

Paving Cut Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

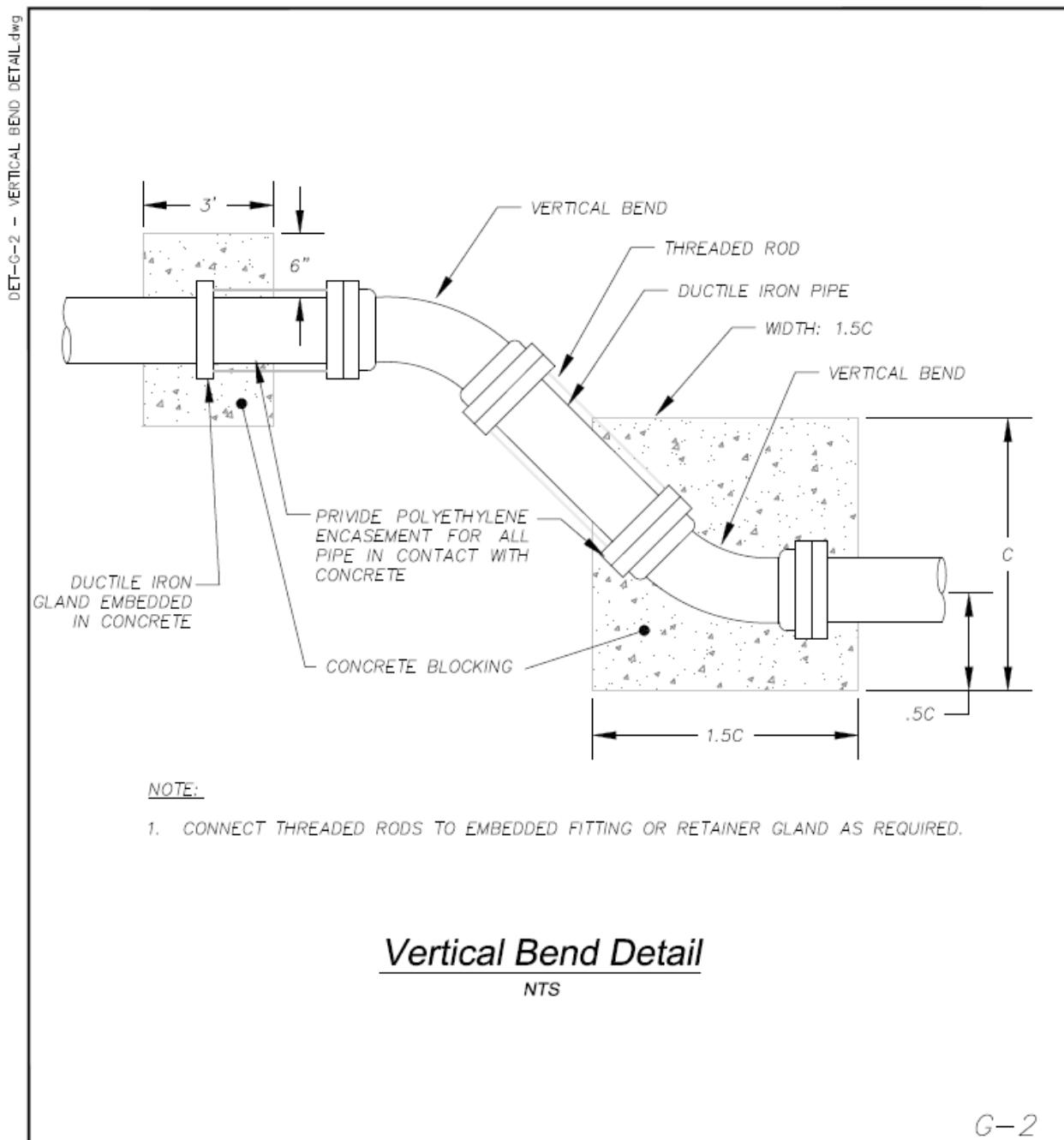
124 E Hancock Ave
Athens, Georgia 30601

Scale: AS-SHOWN

Fax: 706-613-3198

Voice: 706-613-3490



G-2 Vertical Bend Detail**Vertical Bend Detail**

NTS

G-2

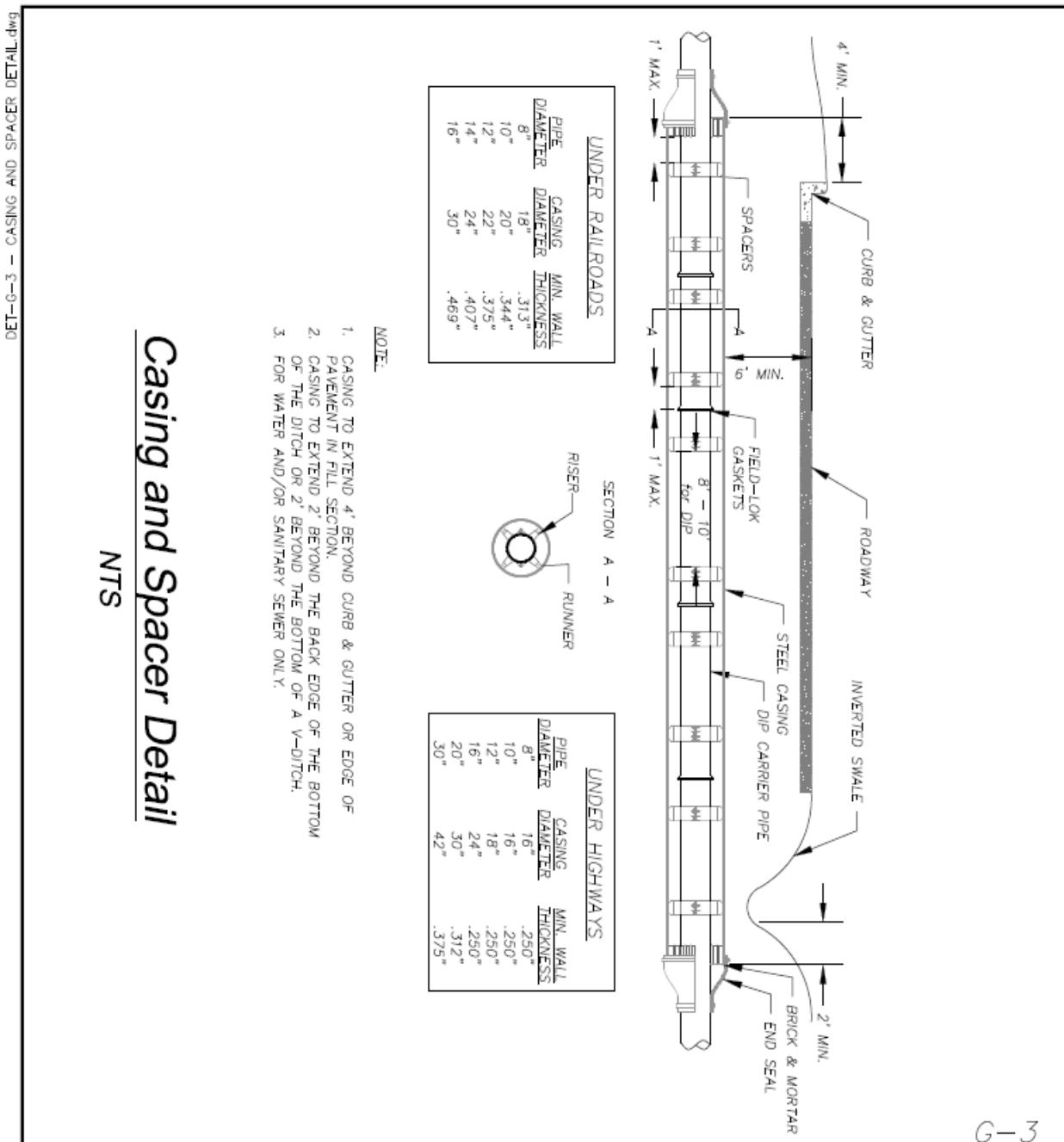
Standard Specification and Detail for:

Vertical Bend Detail

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
Drawn by: KFM	The Unified Government of Athens-Clarke County Department of Public Utilities		
Approved by: GJ	124 E Hancock Ave Athens, Georgia 30601		
Scale: AS-SHOWN	Fax: 706-613-3198	Athens, Georgia 30601	Voice: 706-613-3490



G-3 Casing and Spacer Detail



G-3

Standard Specification and Detail for:

Casing and Spacer Detail

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

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Athens, Georgia 30601

Scale: AS-SHOWN

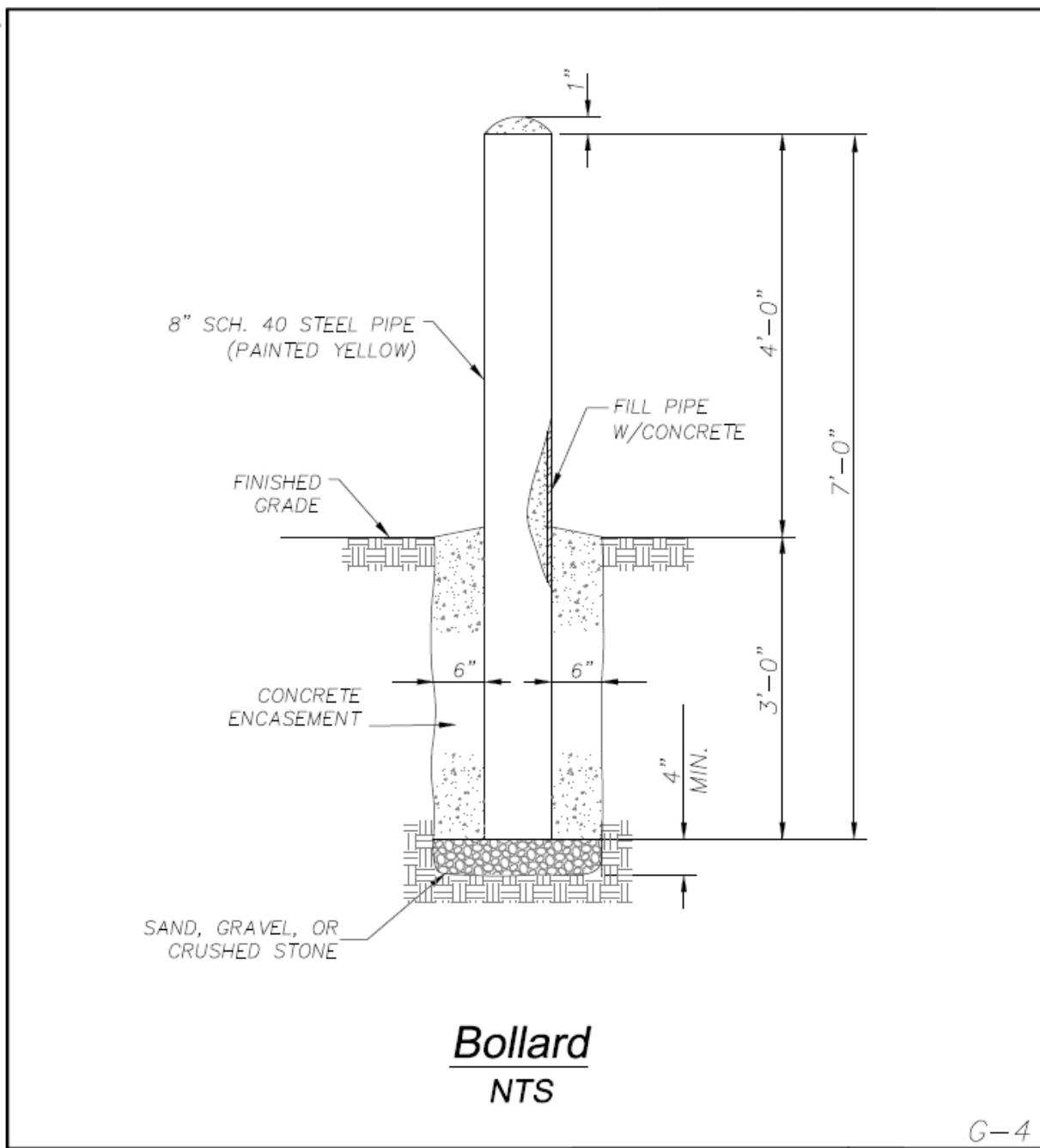
Fax: 706-613-3198

Voice: 706-613-3490



G-4 Bollard

DET-G-4— BOLLARD.dwg

**Bollard**

NTS

G-4

Standard Specification and Detail for:

Bollard

GMD: NA County: Athens-Clarke State: Georgia Date: August, 2019

Drawn by: KFM

The Unified Government of Athens-Clarke County
Department of Public Utilities

Approved by: GJ

124 E Hancock Ave
Athens, Georgia 30601

Scale: AS-SHOWN

Fax: 706-613-3198

Voice: 706-613-3490

