

## **CONSTRUCTION NOTES**

**PROJECT LOCATION** 

1. CONTRACTOR WILL BE WORKING IN TEMPORARY CONSTRUCTION EASEMENTS, PERMANENT EASEMENTS, AND COUNTY RIGHT-OF-WAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CLEARING AND GRUBBING OF EASEMENTS AND REMOVAL OF ALL DEBRIS INCLUDING STUMPS, BLAST ROCK, ETC. NO BURIAL OF CLEARED MATERIALS WILL BE ALLOWED.

2. CONTRACTOR SHALL REMOVE ALL DEBRIS AND HAVE SOIL EROSION CONTROL MEASURES IN PLACE BEFORE CONSTRUCTIONS BEGINS.

3. CONTRACTOR TO NOTIFY UTILITY PROTECTION AGENCY 72 HOURS PRIOR TO START OF WORK. PHONE 811. ALL UTILITY COMPANIES WHICH HAVE FACILITIES IN THE CONSTRUCTION AREA (TELEPHONE, ELECTRIC, ETC.) SHALL BE CONTACTED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ANY DISRUPTIONS OF UTILITY SERVICE. ANY UTILITIES DAMAGED MUST BE REPAIRED THE SAME DAY, UNLESS WRITTEN PERMISSION FROM UTILITY OWNER IS GIVEN.

5. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATION SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. HE SHALL, AT HIS OWN EXPENSE, REPLACE OR REPAIR THE UTILITIES TO THEIR ORIGINAL CONDITION AND QUALITY, AS APPROVED BY THE CLIENT AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY. SHOULD THE DAMAGED UTILITY LINE REQUIRE REPAIR BY THE RESPECTIVE UTILITY COMPANY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL COSTS ASSOCIATED WITH THE REPAIR INCLUING FINES AND ASSESSMENTS IMPOSED BY UTILITY COMPANY. CONTRACTOR SHALL NOTIFY ELECTRIC POWER PROVIDER 5 BUSINESS DAYS IN ADVANCE OF WORK ADJACENT TO POWER POLES. COORDINATE WITH UTILITY PROVIDER TO REMOVE OR RELOCATE UTILITY MAINS AND POLES AND PAY ALL ASSOCIATED COSTS.

6. WHEN CONSTRUCTION INVOLVES THE REMOVAL OF FENCE, POLES, MAILBOXES, SIGNS, SIDEWALKS, DRIVEWAYS, DRIVEWAY CULVERTS, TEMPORARY OR FIXED STRUCTURES, THE CONTRACTOR, AT HIS EXPENSE, SHALL PROVIDE FOR TEMPORARY ACCESS SERVICE OR CONTAINMENT TO THE AFFECTED PROPERTY. HE SHALL REPLACE SUCH ITEMS WITH SIMILAR OR BETTER MATERIALS AS SOON AS PRACTICAL, OR AS DIRECTED BY THE ENGINEER AND ALL SIGNAGE, ALL UTILITY COMPANIES WHICH HAVE FACILITIES IN THE CONSTRUCTION AREA (TELEPHONE, ELECTRIC, ETC.) SHALL BE CONTACTED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

7. PEDESTRIAN AND LOCAL VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SAFETY DEVICES AND FLAGMEN SHALL BE PROVIDED BY THE CONTRACTOR, AT HIS EXPENSE. IF IT SHOULD BE NECESSARY, WRITTEN PERMISSION TO CLOSE THE CONSTRUCTION AREA TO TRAFFIC MUST BE OBTAINED FROM THE APPROPRIATE GOVERNMENT AGENCY PRIOR TO ANY STREET CLOSING. ALL CONSTRUCTION SIGNAGE, LIGHTED BARRIERS, ETC. SHALL BE INSTALLED PRIOR TO BEGINNING CONSTRUCTION.

8. ALL CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR, AT HIS EXPENSE. STAKING OF EASEMENT AND CLEARING LIMITS AND NEW CONSTRUCTION SHALL BE PERFORMED BY PROFESSIONAL SURVEYOR LICENSED IN GEORGIA.

OR BUSINESS DURING CONSTRUCTION. INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. 16. THE CONTRACTOR SHALL FURNISH MATERIALS AND MAKE THE CONNECTION TO ALL EXISTING PIPE LINES. 17. THE CONTRACTOR SHALL BEAR ALL COST OF WATER USED FOR FLUSHING AND TESTING REQUIRED BY THE SPECIFICATIONS. PROVISIONS TO PURCHASE SAID WATER FROM A SUPPLIER APPROVED OF BY THE ENGINEER.

18. ALL REQUIRED FITTINGS ARE NOT NECESSARILY SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL FURNISH AND SUPPLY ALL FITTINGS NECESSARY TO CONSTRUCT GRAVITY SEWER MAIN.

INFORMATION OF A PERSON WHO WILL BE AVAILABLE 24 HOURS A DAY TO CONTACT IN CASE OF EMERGENCY.

DETAIL CLASS 'A' UTILITY PATCH DETAIL)

AUTHORITY STANDARDS AND SPECIFICATIONS.

PRIOR TO BEGINNING CONSTRUCTION.

#### **PROJECT QUANTITIES**

6" DIPS HDPE DR 9 FORCE MAIN: COMBINATION AIR VALVE (2 INCH): INSTALL MWA SUPPLIED SANITARY MANHOLE 850 L.F. 1 EACH 1 EACH

N/A

9. ALL PROPERTY LINES ARE BASED ON DATA PROVIDED BY FIELD SURVEY DATA.

- 10. CONTRACTOR SHALL MAINTAIN FIELD "AS-BUILT" DRAWINGS AND SHALL MEASURE AND SHOW LOCATION OF ALL MANHOLES, GRAVITY MAINS, RIM/INVERT ELEVATIONS, ETC.
- 11. CONTRACTOR SHALL MATCH EXISTING LAWN AND GRASS TYPES WHEN REPAIRING DISTURBED AREAS.
- 12. ALL CROSS DRAINS AND DRIVEWAY CULVERTS MUST REMAIN OPEN AT ALL TIMES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO DRAINS AND CULVERTS.
- 13. CONTRACTOR SHALL PERFORM CONSTRUCTION IN A MANNER THAT WILL ALLOW VEHICULAR ACCESS TO EACH HOME
- 14. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AS
- 15. A MINIMUM OF 10' OF HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER & SEWER MAINS. A MINIMUM OF 18" VERTICAL SEPARATION SHALL BE MAINTAINED AT ALL CROSSINGS OF WATER & SEWER MAINS.
- 19. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER THE CONTACT
- 20. CONTRACTOR TO SAW-CUT EXISTING ASPHALT TO PROVIDE NEAT EDGE FOR PATCHING ON ALL STREETS (SEE
- 21. ALL CONSTRUCTION MATERIALS, METHODS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MACON WATER
- 22. CONTRACTOR SHALL NOTIFY MWA CHIEF INSPECTOR, JOEL HERNDON, 478-464-5639, A MINIMUM OF 72 HOURS

# **BENCHMARK INFORMATION**

# PIERCE DRIVE SOUTH LIFT STATION **6" SANITARY SEWER FORCE MAIN REPLACEMENT** FOR THE MACON WATER AUTHORITY



### NOTIFICATION CONTACTS

Owner and 24-Hour Contact

Joel Herndon, Chief Inspector Macon Water Authority 537 Hemlock Street Macon, GA 31202 Phone: 478-464-5639 Email: jherndon@maconwater.org

Enginee

Don L. Carter, P.E. Carter Engineering Group. 6310 Peake Road, Suite 200 Macon, GA 31210 Office: 478-219-2600 Email: <u>dcarter@carterenggrp.com</u>

#### LEGEND

EXISTING

-0-

\_\_\_\_\_T\_\_\_\_

ď

—SAN—O—

0

 $\square$ 

 $\bigcirc$ 

DESCRIPTION
PROPERTY LINE
CONTOUR LINE
POWER POLE
LIGHT POLE
OVERHEAD POWER
HIGH VOLTAGE LINE
UNDERGROUND ELECTRICAL
UNDERGROUND TELEPHONE
UNDERGROUND FIBER OPTIC
GAS LINE
WATER LINE
FIRE PROTECTION MAIN
DOMESTIC WATER
IRRIGATION MAIN
FIRE HYDRANT
WATER VALVE
SAN. SEWER W/ MANHOLE
CLEANOUT
DRAIN INLET
CATCH BASIN
CONCRETE SIDEWALKS
SOIL TYPE
FENCE
FENCE W/ 3 STRANDS
OF BARBED WIRE
NOT IN CONTRACT
TREES TO BE REMOVED





# Macon Water Authority

537 HEMLOCK STREET Macon, GA 31202-0108 (478) 464-5635 \* Fax (478) 738-3864

SEPTEMBER 20, 2023

# UTILITY CONTACTS

Cheryl Treadway, Account Executive, New Business Development AGL Resources (Local Office) 5472 New Forsyth Rd, Macon, GA 31210 Local Office: (478) 476-2230 Cell: 404-391-3142 Email: Cheryl.treadway@aglresources.com

ephone/Cable

Georgia Power 960 Key Street Macon, GA 31204 Office: 888-655-5888

**OSP-Planning & Design** Engineering AT&T 1630 Eisenhower Parkway-Room 260 Macon, GA 31206 Phone: 478-788-1040 Email: mr8876@att.com

Water and Sewer Joel Herndon, Chief Inspector Macon Water Authority 537 Hemlock Street

> Macon, GA 31202 Phone: 478-464-5639 Email: jherndon@maconwater.org

# **INDEX TO DRAWINGS**

SHEET NO. -

#### TITLE

COVER SHEET

- SANITARY SEWER FORCE MAIN PLAN AND PROFILE C1.
- SANITARY SEWER DETAILS C2.

# PROJECT NARRATIVE

THIS PROJECT CONSISTS OF INSTALLING APPROXIMATELY 850 L.F. OF 6" SANITARY SEWER FORCE MAIN AT THE PIERCE DRIVE SOUTH LIFT STATION.









			2 IN COME RIM=389.3 SUMP=384	BINATION AIR VALVE IN MAN 0 1.30				
	PIERCE DRIVE	WEST-						
			INTERMEDIATE HI BORE PIT SAN. SEWER INV=378.91	DDINTER BORE	MEDIATE HDD	6" HDPE (DII DR 9 FORCE INSTALLED B	PS) MAIN Y	
	<u> </u>					HORIZONTAL DRILLING		
	6" HDPE (DIPS)	INTERMEDIAT	É HDD					
	DR 9 FORCE MAIN 							
	3+50						_	
		6"	FORCE MAIN PRO	 ?FILE				
_			SCALE: HORZ. 1"=30'					
8.13	دا.6 م	200 200 200 200 200 200 200 200 200 200	8 52 8 52	0 00 00 0 00 00	00	9.44	00.00 00.00 00.00	7.47
37	37			20 m m	00 CC		00 00 00	38 38
3+	00	4-	+ <i>00</i>	5-	+00	6	+00	I

DRAWING NUMBER:	
C1	

