

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSBRG-0006-00(320)	46	97

CONNECTION NOTES:

1. CONNECTIONS TO EXISTING 8" WATER MAIN (2) TO BE INCLUDED IN THE COST FOR INSTALLATION OF THE 8" WATER LINE. THE COSTS FOR THESE ITEMS ARE INCIDENTAL TO THE UNIT PRICE PER LINEAR FOOT OF WATER LINE.
2. CONNECTIONS TO EXISTING 16" WATER MAIN (2) TO BE INCLUDED IN THE COST FOR INSTALLATION OF THE 16" WATER LINE. THE COSTS FOR THESE ITEMS ARE INCIDENTAL TO THE UNIT PRICE PER LINEAR FOOT OF WATER LINE.
3. ALL TIE INS WILL REQUIRE SHUT DOWNS OF UTILITY SERVICE. CONTRACTOR SHALL BE AWARE OF UNIVERSITY OF GEORGIA EVENTS AND COORDINATE ANY SHUTDOWN OF UTILITY SERVICE WITH ATHENS-CLARKE COUNTY PUBLIC UTILITIES DEPARTMENT (ACCPUD) WATER AND SEWER DIVISION @ (706)-613-3490 AND UNIVERSITY OF GEORGIA (UGA) FACILITIES MANAGEMENT DIVISION @ (706)-542-3093 AND PROVIDE 72 HOURS NOTICE.

GENERAL NOTES:

1. UNDERGROUND UTILITIES SHOWN HEREIN ARE APPROXIMATELY LOCATED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE HORIZONTAL OR VERTICAL ACCURACY OF SAID UTILITIES, OR THE POSSIBILITY THAT UNDERGROUND UTILITIES OTHER THAN THE ONES SHOWN MAY EXIST. CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF THEIR UNDERGROUND FACILITIES BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES. ANY VERTICAL OR HORIZONTAL ADJUSTMENTS REQUIRED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
2. WATER MAIN SHALL HAVE A MINIMUM 4' DEPTH OF COVER OVER TOP OF PIPE UNLESS OTHERWISE DETAILED ON THE DRAWINGS. GREATER DEPTHS OF COVER MAY BE REQUIRED TO AVOID CONFLICTS WITH EXISTING UTILITIES, ETC. AND IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. WATER MAINS CROSSING STORM CULVERTS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 12" BETWEEN THE EXTERIOR OF THE PIPE AND THE EXTERIOR OF THE CULVERT AT CROSSINGS.
4. DEFLECTION OF PIPE JOINTS SHALL NOT EXCEED ONE HALF OF THE ALLOWABLE DEFLECTION PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL WATER MAINS SHALL BE CONSTRUCTED USING DUCTILE IRON RESTRAINED JOINT PIPE AND FITTINGS.
6. PRESSURE TESTING AND DISINFECTION SHALL BE IN ACCORDANCE WITH ATHENS-CLARKE COUNTY SPECIFICATIONS. ALL TEST RESULTS SHALL BE SUPPLIED TO ATHENS-CLARKE COUNTY PUBLIC UTILITIES DEPARTMENT (ACCPUD) WATER AND SEWER DIVISION.
7. EXISTING WATER SUPPLY TO REMAIN IN SERVICE DURING CONSTRUCTION. SHORT-TERM DISRUPTION OF SERVICE IS TO BE LIMITED TO ESSENTIAL SHUTDOWNS DURING TRANSFER OF FLOW FROM EXISTING MAINS TO PROPOSED MAINS AND DURING STAGE 1 BRIDGE APPROACH SLAB CONSTRUCTION WHERE DEPTH OF COVER IS INSUFFICIENT. AT NO TIME SHALL THE 8" AND 16" WATER MAINS BE SHUT DOWN AT THE SAME TIME. CONTRACTOR SHALL COORDINATE SHUTDOWNS WITH ATHENS-CLARKE COUNTY PUBLIC UTILITIES DEPARTMENT (ACCPUD) WATER AND SEWER DIVISION @ (706)-613-3490 72 HOURS IN ADVANCE OF ANY PLANNED DISRUPTION.
8. DURING FLUSHING OF THE PROPOSED PIPING, THE CONTRACTOR IS REQUIRED TO UTILIZE A DECHLORINATION DIFFUSER TO PREVENT DISCHARGE OF CHLORINE INTO THE ENVIRONMENT.
9. WATER SERVICE CONNECTIONS ARE 3/4" UNLESS NOTED OTHERWISE. DATA OBTAINED FROM WATER DEPARTMENT METER INFORMATION. CONTRACTOR SHALL VERIFY SIZE OF EXISTING SERVICES AND MATCH PROPOSED INSTALLATIONS WITH THE EXISTING.
10. THE HORIZONTAL LAYOUT OF THE WATER MAIN MAY BE MODIFIED AS REQUIRED WITHIN THE RIGHT-OF-WAY TO AVOID CONFLICTS WITH EXISTING STRUCTURES AND UTILITIES AS APPROVED BY THE ENGINEER.
11. WATER MAIN ROUTE STATIONING IS BASED ON ROADWAY CENTERLINE. PAYMENT WILL BE BASED ON ACTUAL LENGTH OF PIPE INSTALLED.
12. ANY FENCING REMOVED DURING CONSTRUCTION MUST BE REPLACED BY THE END OF THE WORKING DAY TEMPORARY OR PERMANENT. FINAL PERMANENT FENCE REPLACEMENT MUST BE RESTORED TO ORIGINAL OR BETTER CONDITION.
13. ALL UNMAINTAINED AREAS DISTURBED BY CONTRACTOR OPERATIONS SHALL BE STABILIZED WITH PERMANENT GRASSING AND/OR SODDING UNLESS OTHERWISE NOTED.
14. SALVAGED WATER METER AND FIRE HYDRANT ASSEMBLIES SHALL BE RETURNED TO ATHENS-CLARKE COUNTY PUBLIC UTILITIES DEPARTMENT (ACCPUD) WATER AND SEWER DIVISION.
15. NO MAINTENANCE AGREEMENT IS REQUIRED ON COUNTY PROJECTS.
16. ALL CONSTRUCTION TO COMPLY WITH ATHENS-CLARKE COUNTY STANDARDS.
17. NOTIFY ATHENS-CLARKE COUNTY PUBLIC UTILITIES DEPARTMENT (ACCPUD) WATER AND SEWER DIVISION INSPECTIONS 24 HOURS PRIOR BEGINNING OF EVERY PHASE OF CONSTRUCTION (706)-613-3490.

LIST OF ABBREVIATIONS

ASPH.	ASPHALT
BFCOM	BURIED FIBER OPTIC CABLE MARKER
BFV	BUTTERFLY VALVE
B.O.C.	BACK OF CURB
C.I.P.	CAST IRON PIPE
CL	CENTERLINE
CL.	CLASS
CMP	CORRUGATED METAL PIPE
CONC.	CONCRETE
C&G	CURB AND GUTTER
DI	DUCTILE IRON
DIRJ	DUCTILE IRON RESTRAINED JOINT
D.O.T.	DEPARTMENT OF TRANSPORTATION
EL.	ELEVATION
EOP	EDGE OF PAVEMENT
EX. or EXIST.	EXISTING
F	FLOW LINE
FH	FIRE HYDRANT
GDOT	GEORGIA DEPARTMENT OF TRANSPORTATION
G.V.	GATE VALVE
HW	HEADWALL
INV.	INVERT
JB	JUNCTION BOX
LF	LINEAR FEET
LP	LIGHT POLE
LT	LEFT
MB	MAIL BOX
MJ/RJ	MECHANICAL JOINT/RESTRAINED JOINT
PVC	POLYVINYL CHLORIDE
PP	POWER POLE
PTP	POWER TELEPHONE POLE
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
STA.	STATION
WM	WATER METER
WL	WATER LINE
WV/MON	WATER VALVE MONUMENT

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Know what's below
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REVISION DATES	

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY
UNIFIED GOVERNMENT OF ATHENS-CLARKE COUNTY
WATER RELOCATION PLANS
CR 481/ COLLEGE STATION ROAD

NOTES, AND ABBREVIATIONS

CSBRG-0006-00(320)
CLARKE COUNTY

DRAWING No.
44-02