

UTILITY CONSTRUCTION

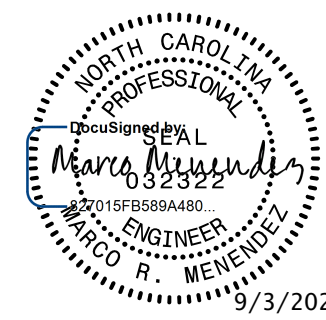

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2018.
2. THE EXISTING UTILITIES BELONG TO CITY OF WHITEVILLE.
3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.
10. THE CITY OF WHITEVILLE MAINTAINS OPERATIONAL CONTROL OF THE WATER SYSTEM DURING CONSTRUCTION ACTIVITIES AND THEIR NEEDS REGARDING ANY CUSTOMER SERVICE REQUIREMENTS, INCLUDING REPAIRS TO THE EXISTING SYSTEM TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITIES OF THE CONTRACTOR INCLUDING SCHEDULED ACTIVITIES. THE CONTRACTOR WILL WORK CLOSELY WITH THE OWNER AND INSURE MINIMAL DISRUPTION OF SERVICES TO THE CUSTOMERS. IT IS UNDERSTOOD THERE WILL BE SOME INTERRUPTIONS.

PROJECT SPECIFIC NOTES:

1. ALL PROPOSED WATER LINE PIPING AND PROPOSED FORCE MAIN SEWER PIPING SHALL BE AWWA C900 PVC WITH A MINIMUM SDR OF 21, OR, WHERE SHOWN ON PLANS, DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.51.
2. ALL PROPOSED SANITARY SEWER GRAVITY PIPING SHALL BE ASTM D3034 PVC WITH A MINIMUM SDR OF 35, OR, WHERE SHOWN ON THE PLANS, DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.51.
3. ALL PROPOSED SEWER SERVICE LINES SHALL BE SCHEDULE 40 PVC.
4. ALL PROPOSED WATER SERVICE LINES SHALL BE 200 CTS PVC.
5. WHERE PROPOSED PIPE IS REPLACING EXISTING PIPE TO BE ABANDONED, AT LEAST FIVE FEET OF SEPARATION MUST BE MAINTAINED BETWEEN THE TWO PIPES.
6. AT LEAST THREE FEET OF SEPARATION MUST BE MAINTAINED BETWEEN PROPOSED SANITARY SEWER SERVICE LINES AND PROPOSED WATER SERVICE LINES.
7. CONSTRUCTION SHALL TAKE PLACE SUCH THAT SERVICE INTERRUPTION OCCURS ONLY BETWEEN THE HOURS OF 9:30 PM AND 5:30 AM. THE CONTRACTOR SHALL ENSURE THAT AFFECTED WATER AND SEWER CUSTOMERS ARE NOTIFIED 48 HOURS IN ADVANCE OF SERVICE INTERRUPTION.
8. FOR ABANDONMENT OF UTILITY MANHOLES, THE CONTRACTOR SHALL REMOVE MANHOLE RING AND FILL THE MANHOLE BARREL WITH NO. 57 STONE TO THE LEVEL INDICATED IN SECTION 1530 OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
9. WHERE THE PLANS INDICATE PROPOSED MANHOLES TO BE CONSTRUCTED IN A PROPOSED TRAFFIC ISLAND, CONTRACTOR SHALL ENSURE THAT THE MANHOLE IS ENTIRELY WITHIN THE TRAFFIC ISLAND.
10. THE CONTRACTOR SHALL FOLLOW ALL SPECIAL PROVISIONS ASSOCIATED WITH HANDLING OF EXISTING ASBESTOS CEMENT PIPING.
11. UTILITY MANHOLES WITHIN THE ROADWAY SHALL BE TRAFFIC BEARING MANHOLES. UTILITY MANHOLES WITHIN THE PROPOSED MEDIAN ARE NOT REQUIRED TO BE TRAFFIC BEARING.
12. THE CITY OF WHITEVILLE WILL MAINTAIN OPERATIONAL CONTROL OF THE WATER SYSTEM DURING CONSTRUCTION ACTIVITIES. THE CITY'S NEEDS REGARDING ANY CUSTOMER SERVICE REQUIREMENTS, INCLUDING REPAIRS TO THE EXISTING SYSTEM, TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITIES, INCLUDING CONTRACTOR SCHEDULED ACTIVITIES. THE CONTRACTOR WILL WORK CLOSELY WITH THE CITY OF WHITEVILLE TO ENSURE MINIMAL DISRUPTION OF SERVICE TO THE CUSTOMERS. IT IS UNDERSTOOD THERE WILL BE SOME DISRUPTIONS.
13. FOR PROPOSED UTILITY MANHOLES LOCATED WITHIN A MONOLITHIC ISLAND, THE MANHOLE SHALL BE INSTALLED ENTIRELY IN THE ISLAND, AND FLUSH WITH TOP OF THE ISLAND.
14. CONTRACTOR SHALL INSTALL ALL INSERTION VALVES WITH THRUST COLLARS PRIOR TO ANY OTHER WATER LINE WORK.

PROJECT REFERENCE NO. R-5020B	SHEET NO. UC-3
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DRAWN BY: AP	
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