

5/14/25

UTILITY CONSTRUCTION

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S (THE DEPARTMENT) "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024.
2. THE EXISTING WATER AND SEWER UTILITIES BELONG TO THE TOWN OF MAYODAN.
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 COMLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL 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. MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS.
11. ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
12. ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE TOWN OF MAYODAN PRIOR TO CONSTRUCTION.

13. CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24 HOUR ADVANCE NOTICE TO THE TOWN OF MAYODAN.

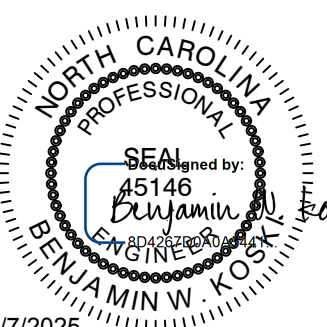
14. 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.

PROJECT SPECIFIC NOTES:

1. PROPOSED WATER LINE SHALL BE MJ DIP OF THE SAME PRESSURE CLASS AND THICKNESS AS THE EXISTING WATER LINE UNLESS OTHERWISE SHOWN ON THE CONTRACT DOCUMENTS.
2. ALL PIPE JOINTS AND FITTINGS SHALL BE RESTRAINED WITH RESTRAINED JOINTS. UNLESS OTHERWISE SHOWN ON THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL ENSURE THAT THE CONNECTION BETWEEN EXISTING AND PROPOSED WATER LINE SHALL BE AT TIMES MOST CONVENIENT TO THE PUBLIC AND UTILITY OWNER.
4. CONTRACTOR SHALL COORDINATE WITH THE TOWN OF MAYODAN 72 HOURS PRIOR TO THE SHUTDOWN OF THE EXISTING WATER LINE.
5. CONTRACTOR SHALL REMOVE EXISTING 16" & 12" WATER LINE AS NECESSARY TO MAKE CONNECTION WITH THE NEW WATER LINE.
6. CONTRACTOR SHALL PLACE FOUNDATION CONDITIONING MATERIALS AND GEOTEXTILE IN ALL PROPOSED WATERLINE TRENCHES.
7. CONTRACTOR AND THE TOWN OF MAYODAN WILL EXCHANGE ALL NECESSARY CONTACTS / PHONE NUMBERS AT THE PRE CONSTRUCTION CONFERENCE.

**Dewberry**

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: (919) 881-8999
NC CON. NO. F-0629

PROJECT REFERENCE NO. <i>1-5898</i>		SHEET NO. <i>UC-3A</i>
DESIGNED BY: EPH		
DRAWN BY: TLK		
CHECKED BY: EPH		
APPROVED BY: BWK		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		11/7/2025
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

8. UPON EXPOSING ANY OF THE TOWN OF MAYODAN'S ASSETS, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE TOWN OF MAYODAN TO PERFORM CONDITION ASSESSMENT OF THE ASSET WHILE EXPOSED.
9. CONTRACTOR SHALL PROVIDE A 2-DAY NOTIFICATION TO THE TOWN OF MAYODAN PRIOR TO ANYTIME CONTRACTOR WILL EXCAVATE WITHIN 10 FEET OF ANY TOWN OF MAYODAN WATER MAIN.
10. ALL NEW WATER INFRASTRUCTURE SHALL BE IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL STANDARDS.
11. WATER LINE ASSUMED TO BE 3' BELOW GRADE, CONTRACTOR TO VERIFY DEPTH OF WATER MAIN FOR SERVICE CONNECTIONS.
12. CONTRACTOR TO VERIFY SERVICE LINE SIZES FOR CONNECTION.