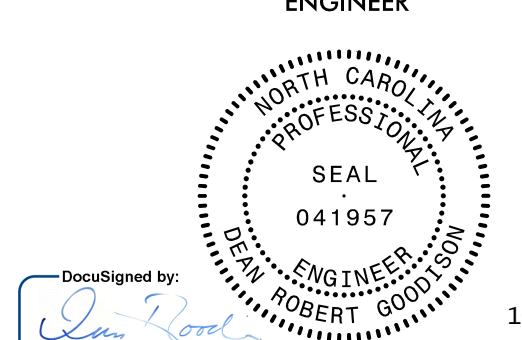



PROJECT REFERENCE NO. 17BP.3.R.28	SHEET NO. UC-2
RW SHEET NO.	
UTILITY ENGINEER  SEAL 041957 ENGINEER ROBERT BOODISON	
DocuSigned by: 	10/12/2016

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE CAPE FEAR PUBLIC UTILITY AUTHORITY STANDARD SPECIFICATIONS. THE PROPOSED WATER LINE CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY, 2012.

2. THE PROPOSED SEWER UTILITIES BELONG TO CAPE FEAR PUBLIC UTILITY AUTHORITY.

3. ALL WATER AND SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, DIVISION OF WATER QUALITY. PERFORM ALL WORK WITHIN 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 UTILITY CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS BETWEEN THE UTILITY OWNER AND CONTRACTOR 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 A 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 THE DEPARTMENT PERSONNEL AND UTILITY OWNER TWO WEEKS PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNER'S 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 OF 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 THE 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 CONTRACTOR IS RESPONSIBLE FOR PROVIDING TWO SEALED CONSTRUCTION DETAILS. A CONSTRUCTION DETAIL FOR TIMBER PILE CAPS TO BE INSTALLED AS SUPPORT FOR EACH SANITARY SEWER MANHOLE AND A CONSTRUCTION DETAIL AND PLAN FOR THE SEWER BYPASS PUMPING REQUIRED TO CONNECT THE NEW SANITARY SEWER LINES. THE DETAILS SHOULD BE SEALED BY AN ENGINEER LICENSED IN NORTH CAROLINA. THIS DETAIL IS SUBJECT TO APPROVAL BY THE RESIDENT ENGINEER.

11. WORK NOTED AS, "BY OTHERS" IS NOT PART OF THIS CONTRACT. HOWEVER, CONTRACTOR'S WORK MUST BE CLOSELY AND PROPERLY COORDINATED WITH THE OTHER CONTRACTOR TO ENSURE UNINTERRUPTED SEWERAGE FLOW. THE UTILITY OWNER SHALL HOLD A PRE-CONSTRUCTION MEETING WITH ALL PARTIES TO COORDINATE SCHEDULES AND OPERATIONS. THE DEPARTMENT AND THE RESIDENT ENGINEER IN CHARGE SHALL BE PRESENT AT THIS MEETING. THE TIMING OF OPERATIONS BY EACH CONTRACTOR IS VITAL TO ENSURING UNINTERRUPTED FLOW AND MINIMIZING THE NEED FOR TEMPORARY BYPASS PUMPING. COORDINATION, BYPASS PUMPING, AND OTHER OPERATIONS NECESSARY TO COMPLETE THE INSTALLATION OF THE SEWER CROSSING SHALL BE INCLUDED IN THE BASE BID OF THE SEWER PIPE INSTALLATION.

12. ABANDONMENT OF UTILITY PIPES AND STRUCTURES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS, SECTION 1530.

13. PIPE ENCASEMENT SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS, SECTION 1540.

NCDOT STANDARD DRAWINGS:

- | | |
|---------|---------------------------------|
| 1515.01 | WATER METER |
| 1525.06 | PRECAST SANITARY SEWER MANHOLES |