

5/14/22

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 THE TOWN OF WILLIAMSTON. CONTACT KERRY SPIVEY, PUBLIC WORKS DIRECTOR AT 252-792-1024.

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 SECTION. ALL SANITARY SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT QUALITY, DIVISION OF WATER RESOURCES, WQ PERMITTING SECTION, PERCS UNIT. 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.

5. PROPOSED WATER LINE FROM -WL5- LINE STATION 10+00 +/- TO 14+35 +/- SHALL BE 6" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL5- LINE STATION 14+35 +/- TO 19+40 +/- SHALL BE 12" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL5- LINE STATION 19+40 +/- TO 20+22 +/- SHALL BE 12" RJ DIP, INSTALLED BY BORE AND JACK ENCASEMENT, AND FROM -WL5- LINE STATION 20+22 +/- TO 34+12 +/- SHALL BE 12" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD.

6. PROPOSED WATER LINE FROM -WL6- LINE STATION 10+00 +/- TO 16+18 +/- SHALL BE 12" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

7. PROPOSED WATER LINE FROM -WL7- LINE STATION 10+00 +/- TO 11+34 +/- SHALL BE 12" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

8. PROPOSED WATER LINE FROM -WL8- LINE STATION 10+00 +/- TO 11+45 +/- SHALL BE 12" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

9. PROPOSED WATER LINE FROM -WL9- LINE STATION 10+00 +/- TO 11+46 +/- SHALL BE 10" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

10. PROPOSED WATER LINE FROM -WL10- LINE STATION 10+00 +/- TO 10+02 +/- SHALL BE 8" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL10- LINE STATION 10+02 +/- TO 10+68 +/- SHALL BE 8" RJ DIP, INSTALLED BY BORE AND JACK ENCASEMENT, AND FROM -WL10- LINE STATION 10+68 +/- TO 12+62 +/- SHALL BE 8" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD.

11. PROPOSED WATER LINE FROM -WL11- LINE STATION 10+00 +/- TO 13+18 +/- SHALL BE 8" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

12. PROPOSED WATER LINE FROM -WL12- LINE STATION 10+00 +/- TO 10+75 +/- SHALL BE 8" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

13. PROPOSED WATER LINE FROM -WL13- LINE STATION 10+00 +/- TO 20+64 +/- SHALL BE 8" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

14. PROPOSED WATER LINE FROM -WL14- LINE STATION 10+00 +/- TO 10+03 +/- SHALL BE 4" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL14- LINE STATION 10+03 +/- TO 10+90 +/- SHALL BE 4" RJ DIP, INSTALLED BY OPEN CUT/BORE AND JACK ENCASEMENT, AND FROM -WL14- LINE STATION 10+90 +/- TO 13+28 +/- SHALL BE 4" RJ DIP, INSTALLED BY OPEN CUT METHOD.

15. PROPOSED WATER LINE FROM -WL15- LINE STATION 10+00 +/- TO 10+01 +/- SHALL BE 6" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL15- LINE STATION 10+01 +/- TO 10+71 +/- SHALL BE 6" RJ DIP, INSTALLED BY BORE AND JACK ENCASEMENT, AND FROM -WL15- LINE STATION 10+71 +/- TO 10+77 +/- SHALL BE 6" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD.

16. PROPOSED WATER LINE FROM -WL16- LINE STATION 10+00 +/- TO 10+02 +/- SHALL BE 8" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL16- LINE STATION 10+02 +/- TO 10+99 +/- SHALL BE 6" RJ DIP, INSTALLED BY BORE AND JACK ENCASEMENT, AND FROM -WL16- LINE STATION 10+99 +/- TO 11+80 +/- SHALL BE 8" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD.

17. PROPOSED SEWER LINE FROM -SL1- LINE STATION 10+00 +/- TO 14+80 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD AND FROM -SL1- LINE STATION 14+80 +/- TO 15+52 +/- SHALL BE 6" RJ DIP, INSTALLED BY BORE AND JACK ENCASEMENT, AND FROM -SL1- LINE STATION 15+52 +/- TO 16+28 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD AND FROM -SL1- LINE STATION 16+28 +/- TO 20+56 +/- SHALL BE 8" DR9 (DIPS) HDPE, INSTALLED BY DIRECTIONAL DRILL METHOD AND FROM -SL1- LINE STATION 20+56 +/- TO 30+04 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

18. PROPOSED SEWER LINE FROM -SL2- LINE STATION 10+00 +/- TO 16+22 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

19. PROPOSED SEWER LINE FROM -SL3- LINE STATION 10+00 +/- TO 11+55 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

20. PROPOSED SEWER LINE FROM -SL4- LINE STATION 10+00 +/- TO 11+60 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

21. PROPOSED SEWER LINE FROM -SL5- LINE STATION 10+00 +/- TO 11+52 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

22. PROPOSED SEWER LINE FROM -SL6- LINE STATION 10+00 +/- TO 15+33 +/- SHALL BE 4" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD, AND FROM -SL6- LINE STATION 15+33 +/- TO 33+76 +/- SHALL BE 10" SDR 35 PVC SEWER, INSTALLED BY OPEN CUT METHOD.

23. PROPOSED SEWER LINE FROM -SL7- LINE STATION 10+00 +/- TO 12+17 +/- SHALL BE 4" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

PROJECT REFERENCE NO.	SHEET NO.
R-4705	UC-40
DESIGNED BY: SLK	
DRAWN BY: SLK	
CHECKED BY: AMM	
APPROVED BY: AMM	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

FINAL DESIGN
RELEASE FOR CONSTRUCTION

PROJECT SPECIFIC NOTES:

1. PROPOSED WATER LINE FROM -WL1- LINE STATION 10+00 +/- TO 32+25 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

2. PROPOSED WATER LINE FROM -WL2- LINE STATION 10+00 +/- TO 13+15 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

3. PROPOSED WATER LINE FROM -WL3- LINE STATION 10+00 +/- TO 19+66 +/- SHALL BE 6" C900 DR18 PC150, INSTALLED BY OPEN CUT METHOD.

4. PROPOSED WATER LINE FROM -WL4- LINE STATION 10+00 +/- TO 10+91 +/- SHALL BE 6" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD, AND FROM -WL4- LINE STATION 10+91 +/- TO 11+51 +/- SHALL BE 6" RJ DIP, INSTALLED BORE AND JACK ENCASEMENT, AND FROM -WL4- LINE STATION 11+51 +/- TO 16+74 +/- SHALL BE 6" C900 DR 18 PC 150 PVC, INSTALLED BY OPEN CUT METHOD.

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