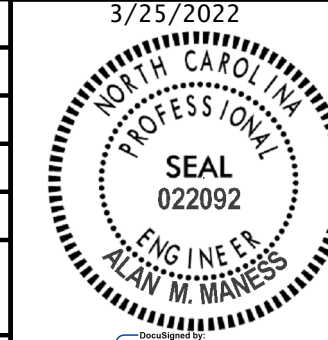


UTILITY CONSTRUCTION

PROJECT REFERENCE NO. R-4705	SHEET NO. UC-40A
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

WATER INSTALLATION NOTES:

- 1) CONTRACTOR SHALL FULLY INSTALL, PRESSURE & LEAKAGE TEST, AND CHLORINATE NEW WATER MAIN PRIOR TO CONNECTION TO EXISTING SYSTEM.
- 2) CONTRACTOR SHALL PERFORM THE CONNECTION DURING OFF PEAK HOURS WITH A MAXIMUM SHUT DOWN TIME OF FIVE HOURS. (12 PM MIDNIGHT TO 5 AM)
- 3) ANY TEST PERFORMED WITHOUT NOTIFICATION AND CONTACT WITH TOWN OF WILLIAMSTON FIELD INSPECTORS SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. TESTING SHALL BE PERFORMED IN THE PRESENCE OF TOWN OF WILLIAMSTON PERSONNEL. CONTACT KERRY SPIVEY, PUBLIC WORKS DIRECTOR.
- 4) OPERATION OF EXISTING GATE VALVES SHALL BE DONE BY TOWN OF WILLIAMSTON OPERATIONS STAFF. CONTACT KERRY SPIVEY, PUBLIC WORKS DIRECTOR AT 252-792-1024.
- 5) TIE NEW WATER MAIN INTO EXISTING. INSTALL THRUST BLOCKS AND RODDING AS REQUIRED.
- 6) NEW WATER MAIN SHALL NOT BE CONNECTED TO EXISTING MAIN WITHOUT PRIOR APPROVAL AND COORDINATION WITH TOWN OF WILLIAMSTON.
- 7) HDPE SIZING - THE INSIDE DIAMETER OF HDPE WATER PIPE SHALL BE EQUAL TO OR GREATER THAN THE INSIDE DIAMETER OF THE WATER PIPE IT IS CONNECTED TO.
- 8) FOR NEW 4", 6", 8", AND 10" WATER MAIN CONNECTIONS, USE GRIP RING PIPE RESTRAINER AS REQUIRED.
- 9) FOR NEW 12" WATER MAIN CONNECTIONS, USE SNAP-LOK OR BOLT-LOK BY GRIFFIN OR APPROVED EQUAL AS REQUIRED.

SEWER INSTALLATION NOTES:

- 1) CONTRACTOR SHALL FULLY INSTALL, PRESSURE & LEAKAGE TEST NEW SEWER MAIN PRIOR TO CONNECTION TO EXISTING SYSTEM.
- 2) CONTRACTOR SHALL PERFORM THE CONNECTION DURING OFF PEAK HOURS WITH A MAXIMUM SHUT DOWN TIME OF FIVE HOURS. (12 PM MIDNIGHT TO 5 AM)
- 3) ANY TEST PERFORMED WITHOUT NOTIFICATION TO TOWN SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. TESTING SHALL BE PERFORMED IN THE PRESENCE OF TOWN OF WILLIAMSTON PERSONNEL. CONTACT MR. KERRY SPIVEY, PUBLIC WORKS DIRECTOR.
- 4) OPERATION OF EXISTING ISOLATION VALVES SHALL BE DONE BY TOWN OF WILLIAMSTON OPERATIONS STAFF. CONTACT MR. KERRY SPIVEY, PUBLIC WORKS DIRECTOR AT 252-792-1024.
- 5) NEW SEWER MAIN SHALL NOT BE CONNECTED TO EXISTING MAIN WITHOUT PRIOR APPROVAL AND COORDINATION WITH TOWN OF WILLIAMSTON.
- 6) CONTRACTOR SHALL ALLOW HDPE PIPE 1 WEEK TO RELAX AFTER PULLING IS COMPLETE AND BEFORE IT IS CONNECTED TO EXISTING HDPE SANITARY SEWER FORCE MAIN.
- 7) HDPE SIZING - THE INSIDE DIAMETER OF HDPE SEWER PIPE SHALL BE EQUAL TO OR GREATER THAN THE INSIDE DIAMETER OF THE SEWER PIPE IT IS CONNECTED TO.
- 8) FOR NEW 4" AND 6" SEWER MAIN CONNECTIONS, USE GRIP RING PIPE RESTRAINER AS REQUIRED.