


UTILITY CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
BR-0122	UC-3A
DESIGNED BY: SLK	12/17/2019
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UTILITY CONSTRUCTION
PLANS ONLY

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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

FINAL DESIGN
RELEASE
FOR CONSTRUCTION

WATER INSTALLATION NOTES:

- 1) CONTRACTOR SHALL COORDINATE ALL PROPOSED WORK WITH TOWN OF NEWTON GROVE PUBLIC WORKS DIRECTOR MR. GLENN HOLLAND AT 919-252-9025 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- 2) CONTRACTOR SHALL FULLY INSTALL, PRESSURE & LEAKAGE TEST, AND CHLORINATE NEW WATER MAIN PRIOR TO CONNECTION TO EXISTING SYSTEM.
- 3) CONTRACTOR SHALL PERFORM THE CONNECTION DURING OFF PEAK HOURS WITH A MAXIMUM SHUT DOWN TIME OF FIVE HOURS. (12 PM MIDNIGHT TO 5 AM)
- 4) ANY WORK OR TEST PERFORMED WITHOUT NOTIFICATION AND CONTACT WITH TOWN OF NEWTON GROVE FIELD INSPECTORS SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. TESTING SHALL BE PERFORMED IN THE PRESENCE OF TOWN OF NEWTON GROVE PERSONNEL. CONTACT MR. GLENN HOLLAND, PUBLIC WORKS DIRECTOR.
- 5) OPERATION OF EXISTING GATE VALVES SHALL BE DONE BY TOWN OF NEWTON GROVE OPERATIONS STAFF. CONTACT MR. GLENN HOLLAND, PUBLIC WORKS DIRECTOR AT 919-252-9025.
- 6) TIE NEW WATER MAIN INTO EXISTING. INSTALL THRUST BLOCKS AND RODDING AS REQUIRED.
- 7) NEW WATER MAIN SHALL NOT BE CONNECTED TO EXISTING MAIN WITHOUT PRIOR APPROVAL AND COORDINATION WITH TOWN OF NEWTON GROVE.
- 8) 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.

SEWER INSTALLATION NOTES:

- 1) CONTRACTOR SHALL COORDINATE ALL PROPOSED WORK WITH TOWN OF NEWTON GROVE MR. GLENN HOLLAND, PUBLIC WORKS DIRECTOR AT 919-252-9025 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- 2) CONTRACTOR SHALL FULLY INSTALL, PRESSURE & LEAKAGE TEST NEW SEWER MAIN PRIOR TO CONNECTION TO EXISTING SYSTEM.
- 3) CONTRACTOR SHALL PERFORM THE CONNECTION DURING OFF PEAK HOURS WITH A MAXIMUM SHUT DOWN TIME OF FIVE HOURS. (12 PM MIDNIGHT TO 5 AM)
- 4) ANY WORK OR TEST PERFORMED WITHOUT NOTIFICATION TO TOWN SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. TESTING SHALL BE PERFORMED IN THE PRESENCE OF TOWN OF NEWTON GROVE PERSONNEL. CONTACT MR. GLENN HOLLAND, PUBLIC WORKS DIRECTOR.
- 5) OPERATION OF EXISTING ISOLATION VALVES SHALL BE DONE BY TOWN OF NEWTON GROVE OPERATIONS STAFF. CONTACT MR. GLENN HOLLAND, PUBLIC WORKS DIRECTOR AT 919-252-9025.
- 6) NEW SEWER MAIN SHALL NOT BE CONNECTED TO EXISTING MAIN WITHOUT PRIOR APPROVAL AND COORDINATION WITH TOWN OF NEWTON GROVE.
- 7) 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.
- 8) 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.

CONTRACTOR SHALL EVALUATE THE EXISTING SOILS BENEATH THE STREAM BED AND INSTALL THE DIRECTIONAL DRILL AT A SUFFICIENT DEPTH OF 15' OR DEEPER (AT HIS DISCRETION) BELOW THE CREEK BOTTOM TO ALLEVIATE THE POSSIBILITY OF DRILLING SLURRY LEAK DURING INSTALLATION. THE CONTRACTOR SHALL SUBMIT A SEALED BORING PLAN TO ENGINEER PRIOR TO CONSTRUCTION PER THE NCDOT STANDARD SPECIFICATIONS SUB-ARTICLE 1550-3(B).