DOCUMENT NOT CONSIDERED FINAL
UNTIL ALL SIGNATURES ARE COMPLETED

PROJECT REFERENCE NO.	SHEET NO.
U-4405	UC-51

DESIGNED BY: AMH
DRAWN BY: AMH/AB
CHECKED BY: AMH
APPROVED BY: MWF
REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SECTION
PHONE:(919)707-6690
FAX:(919)250-4151

NORTH CAROLINA PROFESSIONAL SEAL 025490 ENGINEER MARK W FISHER
DocuSigned by: Mark W Fisher 6/12/2018
CERTIFICATE NO. C3BE3D784F29C400...

PRELIMINARY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

PROP. 12"x12"x6" FIRE HYDRANT TEE -WL-25- STA. 5+06.07
EXIST. 12" RCP TO REMAIN
2' MIN. (TYP.)
PROP. 12"x12"x8" RJ DI TEE -WL-25- STA. 5+45.87
PROP. 12" RJ GATE VALVE -WL-25- STA. 5+56.44
PROP. 45°RJ VERT. BEND -WL-25- STA. 5+58.42
PROP. 45°RJ VERT. BEND -WL-25- STA. 5+61.41
PROP. 2" SADDLE TAP -WL-25- STA. 5+71.67
PROP. 2" SADDLE TAP -WL-25- STA. 5+87.15
PROP. 12" 11.25°RJ DI BEND -WL-25- STA. 5+84.52
PROP. 45°RJ VERT. BEND -WL-25- STA. 5+84.52
PROP. 45°RJ VERT. BEND -WL-25- STA. 5+76.49
EXIST. GROUND
PROP. GRADE
PROP. 12" 45°RJ DI BEND -WL-25- STA. 8+19.78
PROP. 12" 45°RJ DI BEND -WL-25- STA. 8+36.30
PROP. 12" 45°RJ DI BEND -WL-25- STA. 8+67.25
PROP. 12" 45°RJ DI BEND -WL-25- STA. 9+00.00
PROP. 12"X12"x6" RJ DI FIRE HYDRANT TEE -WL-25- STA. 9+12.98
PROP. 45°RJ BEND -WL-25- STA. 9+93.35
PROP. 45° RJ BEND -WL-25- STA. 9+87.00
PROP. 12"x12" RJ TEE -WL-25- STA. 9+77.79
PROP. 12"x12"X12" TAPPING SLEEVE AND RJ GATE VALVE
END -WL-25- STA. STA. 10+01.06
END -WL-25- STA. 10+01.06 CONNECT TO EXIST 12" AC WATER USING PWC APPROVED COUPLING

SEE PLAN SHEETS UC-27 AND UC-32
-WL-25-

EXIST. GROUND
PROP. GRADE
PROP. 15" RCP
EXIST. 8" DI WATER LINE
EXIST. 18" RCP
2' MIN. (TYP.)
EXIST. 4" SEWER LATERAL TO BE REPLACED/RELOCATED WITH DI FROM EXIST. MAIN TO PUE
EXIST. 12" RCP TO BE REMOVED
PROP. STORM DRAINAGE DEPTH FOR LATERAL REPLACEMENT
PROP. 192 LF OF 12" RJ DI WATER LINE
PROP. 12" 45°RJ BEND -WL-26- STA. 1+33.26
PROP. 12" 45°RJ BEND -WL-26- STA. 1+70.46
PROP. 12"x12"x8" RJ DI TEE -WL-26- STA. 0+33.22
PROP. 12" 45° RJ VERTICAL BEND(S) -WL-26- STA. 1+36.83 -WL-26- STA. 1+66.54
PROP. 640 LF OF 12" DI WATER LINE
PROP. 12"x12"x6" RJ DI FIRE HYDRANT TEE -WL-26- STA. 0+6.85
PROP. 12" RJ GATE VALVE -WL-26- STA. 0+04.54
PROP. 12"x12"x6" RJ DI FIRE HYDRANT TEE -WL-26- STA. 4+25.30
BEGIN -WL-26- STA. 0+00 -L- STA. 272+86 (33.37' RT) WITH 12" RJ PLUG

SEE PLAN SHEETS UC-24, UC-25, UC-26, AND UC-27
-WL-26-

EXIST. 12" RCP TO REMAIN
2' MIN. (TYP.)
PROP. 15" RCP
PROP. STORM DRAINAGE DEPTH FOR LATERAL REPLACEMENT
EXIST. 4" SEWER LATERAL TO BE REPLACED/RELOCATED WITH DI FROM EXIST. MAIN TO PUE
EXIST. 15" RCP
PROP. 24" RCP
PROP. 12" 45° RJ VERTICAL BEND(S) -WL-26- STA. 8+80.00 -WL-26- STA. 8+85.48
PROP. 12"x12"x6" RJ FIRE HYDRANT TEE -WL-26- STA. 7+47.60
APPROX. DEPTH OF EXIST. SANITARY SEWER FOR LATERAL REPLACEMENT
PROP. 640 LF OF 12" DI WATER LINE
PROP. 64 LF OF 12" RJ DI WATER LINE
PROP. 12"x12"x6" RJ DI FIRE HYDRANT TEE -WL-26- STA. 4+25.30
PROP. 12"x12"x6" RJ FIRE HYDRANT TEE -WL-26- STA. 11+18.77
PROP. 8" RJ GATE VALVE -WL-26- STA. 12+49.37
PROP. 12"x12"x8" RJ DI TEE -WL-26- STA. 12+39.45
EXIST. GROUND
PROP. GRADE
EXIST. 6" SANITARY SEWER
PROP. 12"x12"x6" RJ FIRE HYDRANT TEE -WL-26- STA. 14+16.40
APPROX. DEPTH OF EXIST. SANITARY SEWER FOR LATERAL REPLACEMENT

SEE PLAN SHEETS UC-24, UC-25, UC-26, AND UC-27
-WL-26-

5/28/99
31-MAY-2018 14:32
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