UTILITY PLAN SHEET UC-9 CORRESPONDS TO ROADWAY PLAN SHEET 14

HINDE ENGINEERING
License No. C-2639
401 Harrison Oaks Blvd., Suite 145 Cary, NC 27513

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PROJECT REFERENCE NO.	SHEET NO.
R-3826	UC-9
DESIGNED BY: CDB	
DRAWN BY: JNA	
CHECKED BY: CLS	
APPROVED BY: CLS	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040370 CLINT L STEVENS
DocuSigned by: Clint Stevens 9D6F82D777EB42D...
11/21/16

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

NAD 83/96

SEE SHEET UC-5
MATCHLINE -Y- STA 26+00.00

RELOCATE WATER METER
PVC RESTRAINED JOINT PIPE -W2-STA 16+83 TO STA 18+17
2-45°BENDS
RELOCATE WATER METER
RECONNECT WATER METER
RELOCATE FIRE HYDRANT
W2
10"X10"X6"FH TEE
S1
PROP. CONC. 5" MONOLITHIC ISLAND (KEYED-IN)
2' BASE SDG W/CLASS 'B' RIP RAP EST. 97 TONS 72 SY FILTER FABRIC SEE DETAIL 'A'
ABANDON 681 LF 10" UTILITY PIPE (REMOVE)
RECONNECT WATER METER
PVC RESTRAINED JOINT PIPE -W2-STA 20+10 TO STA 20+80
2-22.5°BENDS (VERT.)
RELOCATE WATER METER
686 LF 10" WATER LINE (PVC,C900-DR18)
PLUG
2' BASE SDG SEE DETAIL
CLASS 'B' RIP RAP EST. 11 TONS 26 SY FILTER FABRIC
500' TAPER RT/LT
RECONNECT WATER METER
10"VALVE
RECONNECT WATER METER
PVC RESTRAINED JOINT PIPE -W2-STA 23+09 TO STA 23+81
2-22.5°BENDS
1414 & 1415 NEEDED FOR GEOPAK DRAINAGE CALCULATIONS
AC TO PVC TRANSITION COUPLING
END CONSTRUCTION -Y- STA 32+50.00
4' DIA. UTILITY MANHOLE #1 (DOGHOUSE)
74 LF 15" SANITARY GRAVITY SEWER (PVC,SDR35)
4' DIA. UTILITY MANHOLE #2
175 LF 15" SANITARY GRAVITY SEWER (DIP,CL 50)
RELOCATE WATER METER
ABANDON 123 LF 15" UTILITY PIPE
RELOCATE WATER METER
ABANDON UTILITY MANHOLE
30 LF 4" SANITARY GRAVITY SEWER (PVC,SCH 40 DMV)
4' DIA. UTILITY MANHOLE #3
70 LF 15" SANITARY GRAVITY SEWER (PVC,SDR35)
ABANDON 297 LF 15" UTILITY PIPE
4' DIA. UTILITY MANHOLE #4
180 LF 15" SANITARY GRAVITY SEWER (PVC,SDR35)
14 LF 4" SANITARY GRAVITY SEWER (PVC,SCH 40 DMV)
14 LF 4" SANITARY GRAVITY SEWER (PVC,SCH 40 DMV)
14 LF 4" SANITARY GRAVITY SEWER (PVC,SCH 40 DMV)
4' DIA. UTILITY MANHOLE #5
ABANDON UTILITY MANHOLE
ABANDON 74 LF 15" UTILITY PIPE
RELOCATE WATER METER
108 LF 15" SANITARY GRAVITY SEWER (PVC,SDR35)

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