042597

PROJECT REFERENCE NO.	SHEET NO.
R-513C	UC-6
DESIGNED BY: CSG	
DRAWN BY: CSG	
CHECKED BY: MRB	
APPROVED BY: RBW	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DESIGN SERVICES UNIT
PHONE:(919)250-4128
FAX:(919)250-4119

METRIC
5 0 10
SCALE

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10157 RONALD B. WILKINS

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

NAD 83

PROP. 1-RELOCATE EXIST. FIRE HYDRANT
PROP. 5M-150MM DI WATER PIPE, PC 2.41
PROP. 1-200MM X 150MM DI TEE
PROP. 1-150MM GATE VALVE & VALVE BOX, 1.38 MPA WP
PROP. 6M-200MM PVC WATER PIPE, SDR 21, 1.38 MPA WP
PROP. 1-200MM DI PLUG

31
LINDA B. ALPHIN AND TERESA B. JOHNSON
DB 965 PG 723

PROP. 137M-200MM PVC WATER PIPE, SDR 21, 1.38 MPA WP
PROP. 4-200MM 45° DI BENDS

59
SARAH W. BARNES
DB 15C PG 111

MATCHLINE STA. 272+00.000 -L-
MATCH TO SHT. NO. UC-7

MATCHLINE STA. 24+05.000
MATCH TO SHT. NO. UC-5

MATCHLINE STA. 26+60.000
MATCH TO SHT. UC-5

-Y6- POT 9+00.000
-Y6- POT 9+83.000
BEGIN CONSTRUCTION
-Y6- PC 10+45.153
-Y6- PT 11+12.688
-Y5- POS 25+77.500 = -Y6- POT 11+16.731
-Y5- PC 24+44.255
-Y5- TS 25+64.466
-Y5- SC 26+24.466

ABANDON
PLUG
REMOVE
RETAIN
GRADE TO DRAIN

PROP.TEMP. DRAIN.EASEM'T
PROP.G.R.A.I. TYPE 350
PROP.GUARDRAIL
CL "B" RIP RAP: EST.7.3 MTN FILTER FABRIC: EST.17.6 S.M.
1m BASE DITCH -Y5- 25+00+/-LT EST.DDE:100 CUM SEE DETAIL "J" SHT.2-J
10m BASE DITCH -Y5- 24+03+/- TO 24+75+/-RT EST.DDE:906 CUM SEE DETAIL "K" SHT.2-J
750 CL RCP N

+10 -Y6- 35,000 (LT) 114.8 FT
+93.5 -Y6- 35,000 (LT) 114.8 FT
+14.149 -Y6- 11,582 (LT) 38.0 FT
+40 -Y6- 15,000 (LT) 49.2 FT
+60 -Y6- 18,000 (LT) 59.1 FT
+75 -Y6- EXIST.R/W
+95.463 -Y6- EXIST.R/W
+77.465 -Y6- EXIST.R/W
+77.709 -Y6- 15,000 (RT) 49.2 FT
+96.952 -Y6- 15,000 (RT) 49.2 FT
+16.455 -Y6- 15,000 (RT) 49.2 FT
+40 -Y6- 15,000 (RT) 49.2 FT
+85 -Y5- 35,000 (LT) 114.8 FT
+04.441 -Y5- 85.3 FT 32,084 (LT) 105.3 FT
+45 -Y5- 26,000 (LT) 85.3 FT
+90 -Y5- 33,000 (RT) 108.3 FT
+75 -Y5- 48,000 (RT) 157.5 FT
+60 -Y5- 22,000 (RT) 72.2 FT
+20 -Y5- 15,000 (RT) 49.2 FT

BY6-1 -Y6-9+88.199 5.616 (LT)
BY6-2 -Y6-10+72.22 13.140 (LT)
BY5-11 -Y5-25+73.888 10.616 (RT)

SR 1207 HILLY BRANCH RD 66' BST
EXISTING R/W
200 PVC
ISMD
ISBK BUS
CONC
S 66°44' 08.7" W
S 40° 53' 55.9" W
N 48° 49' 50.6" W
25.00
26.00

FRANCES P. BARNES
DB 20E PG 158
16

PROP. 226M-200MM PVC WATER PIPE, SDR 21 1.38 MPA
PROP. 2-200MM 45° DI BENDS
PROP. 1-200MM X 200MM DI TEE

2002 ADT
2022 ADT
IN HUNDREDS
-Y6- 1/3
-Y5- 0.5/1.5 0.5/1.5
58/106 56/103

DENOTES REMOVAL OF EXIST.PAVEMENT

24-FEB-2004 09:29
c:\projects\r513c\roadway\UCGR513C33.PSH