042597

PROJECT REFERENCE NO.	SHEET NO.
R-2911A	UC-4

DESIGNED BY:	JH
DRAWN BY:	JH
CHECKED BY:	CDB
APPROVED BY:	CDB
REVISED:	

METRIC
5 0 10
SCALE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
PHONE:(919)250-4128
FAX:(919)250-4119

NORTH CAROLINA PROFESSIONAL SEAL 23047 ENGINEER COREY D. BOUSQUET
01/23/04
UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

L
P.I.= 17+27.577
Δ = 14°53'41.4" LT.
L_S= 86.000 M
θ_S= 4°06'22.3" LT.
T_S= 121.491 M
L_C= 69.978 M
R = 600.000 M
U = 57.349 M
V = 28.681 M
P = 0.514 M
Q = 42.993 M
SUPER= 0.044

NAD 83

BL-34
-L- 15+87.703 (6.037 RT)

POT Sta.15+97.299 -L- =
POT Sta.10+48.163 -Y-
Δ = 91° 11' 09.3"

MATCHLINE STA. 15+80 -L- SEE SHEET UC-3

MATCHLINE STA. 19+20 -L- SEE SHEET UC-5

TEMPORARY WIDENING
SEE TRAFFIC CONTROL PLANS
STA. 18+45.082 -L- 9.000m LT.
TO STA. 19+71.919 -L- 37.116m LT.
RADIUS = 300m

RELOCATE 1- 50MM EXISTING WATER METER
5M OF 50MM COPER WATER PIPE TYPE K
CONNECT USING NECESSARY FITTING

PROP. RELOCATE 1- 20MM
EXISTING WATER METER
0.5M OF 20MM COPPER PIPE
TYPE K
CONNECT USING NECESSARY
FITTING

PROP. 6.5M OF 150MM DI WATER
PIPE, PC 2.41 MPa
RELOCATE EXISTING FIRE HYDRANT
CONNECT USING NECESSARY FITTING

DETAIL 6A
STANDARD BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, B, Filter Fabric

Min. D = 0.5 m
Max. d = 0.5 m
B = 1.0 m

* When B is < 1.8m

Type of Liner = CLASS "B" RIP RAP

STA. 16+83.000 -L- (25m RT) TO
STA. 16+84.000 -L- (53m RT)

CLASS "B" RIP RAP
W/ FILTER FABRIC LINER
EST. 2.0 M TONS
EST. 6 m² FABRIC

CLASS "B" RIP RAP
W/ FILTER FABRIC LINER
EST. 7.5 M TONS
EST. 18.0 m² FABRIC

1.0m BASE DITCH
W/ CL "B" RIP RAP &
FILTER FABRIC LINER
EST. 45.0 M TONS
EST. 30 m³ DDE
EST. 109.0 m² FABRIC
SEE DETAIL 6A

CLASS "B" RIP RAP
W/ FILTER FABRIC LINER
EST. 7.5 M TONS
EST. 18.0 m² FABRIC

PAVEMENT OBLITERATION

SEE SHEET 34 FOR -L- PROFILE
SEE SHEET 45 FOR -Y- PROFILE
SEE SHEET 45 FOR -YA- PROFILE

R:\R2911A\Roadway\R2911asr06pshUC_4.DGN
Jun 22-JAN-2004 08:06
User Name: jhall