8/17/93

PROJECT REFERENCE NO.	SHEET NO.
R-2417BB	2-AF
R /W SHEET NO.	

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT ONLY AS TO THE REVISIONS.	NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT ONLY AS TO THE REVISIONS.
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NAD 83

-RPA-

PIs Sta 11+20.025
Θs = 5° 09' 23.8"
Ls = 90.000
LT = 60.025
ST = 30.023

PI Sta 12+11.630
△ = 14° 03' 13.0" (RT)
L = 122.641
T = 61.630
R = 500.000
Se = 0.08 (SEE PLANS)

PIs Sta 13+02.664
Θs = 5° 09' 23.8"
Ls = 90.000
LT = 60.025
ST = 30.023

-RPA- CS Sta.12+72.641

-RPA- +72.641
35.000m
(114.829')

-L- PT Sta.144+76.338

-RPA- SC Sta.11+50.000

-RPA- +50.000
35.000
(114.829')

-RPA- TS Sta.10+60.000

-L- +20.000
90.000m
(295.276')

-L- +50.000
75.000m
(246.063')

-L- +80.000
75.000m
(246.063')

-L- +60.000
90.000m
(295.276')

-L- POT Sta.146+70.000

-RPA- POT Sta.10+00.000
(17.7m LT)
SKEW ANGLE = 2° 18' 00.00"

CHORD

CLASS I RIP RAP
EST 3.6 MTN
FILTER FABRIC
EST 10.0 SM

CLASS B RIP RAP
EST 0.9 MTN
FILTER FABRIC
EST 3.3 SM

TOE PROTECTION
SEE DETAIL A
CLASS B RIP RAP
EST 28 MTN
FILTER FABRIC
EST 87 SM

1.2m LATERAL
BASE DITCH
SEE DETAIL P
CLASS I RIP RAP
EST 314 MTN
FILTER FABRIC
EST 501 SM
EST DDE= 874 CM

CROSS VANE ROCK WEIR
SEE DETAIL SHEET 2-N
EST 70 MTN

1.2m LATERAL
BASE DITCH
SEE DETAIL P
CLASS I RIP RAP
EST 287 MTN
FILTER FABRIC
EST 459 SM
EST DDE= 403 CM

OUTLET PROTECTION
SEE DETAIL S
CLASS I RIPRAP
EST 12 MTN
FILTER FABRIC
EST 155 M
EST DDE= 25 CM

BL - 237
PINC 87+89.134
-L- STA 144+83.266
42.3018m LT

BL - 236
PINC 86+77.953
-L- STA 143+76.170
21.1205m LT

BL - 238
-BL- PINC 83+12.816
-FS- PINC 140+87.732
-L- STA 146+04.782
65.6334m LT

SHADY LANE COURTS, INC.
18

JOE LEWIS
NELSON
19

GRAU-350

8:1 TRANSITION

CAT-1

11.25m

150m TAPER

180m ACCELERATION LANE

N 29° 24' 33.3" W

S 31° 42' 33.3" E

S58°05'55"W
149.908

DOUBLE FACED GUIDERAIL

EXISTING R/W

CAROLINA POWER AND LIGHT CO. R/W

EXISTING R/W

Woods

Woods

MATCHLINE SEE SHEET 2-AE

MATCHLINE SEE SHEET 2-AG

-RPD-

PIs Sta 10+60.025
Θs = 5° 09' 23.8"
Ls = 90.000
LT = 60.025
ST = 30.023

PI Sta 11+90.008
△ = 22° 31' 17.9" (LT)
L = 197.411
T = 100.008
R = 500.000
Se = 0.08 (SEE PLANS)

-RPD- +84.537
30.000m
(98.425')

-RPD- SC Sta.10+90.000

-L- +85.000
70.526m
(231.385')

-RPD- TS Sta.10+00.000 (17.7m RT)
SKEW ANGLE = 0° 0' 00.00"

-L-

PI Sta 143+00.376
△ = 13° 30' 19.2" (RT)
L = 353.569
T = 177.607
R = 1,500.000
Se = 0.04 (SEE PLANS)

-L- ST A.146+05.7

-L- POT Sta.146+31.909

-L- +00.000
55.000m
(180.446')

02-JUN-2004 07:28
R:\2417BB\Traffic Control\Roadway\v2417ba\TIP\sup\v2417bas18.psh
Bkay
AT BMAT