PROJECT REFERENCE NO.	SHEET NO.
R-513 BB	24
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW — 8-18-04

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDALL C. HENEGAR — 8-18-04

METRIC

5 0 10

CONST.REV.

R /W REV.

SEE SHEET 42 FOR -L- PROFILE

8/17/2004

N

B

MTL GATE

ADVANCED ACQUISITION
E.W. STONE
DB 877 PG 441
902

31

JOHN W. BRADLEY, JR.
DB 507 PG 46

N32°25'00"W 501.70'

WLB

-L- +95.000
35.000m & 40.000m
(114.83 ft & 131.23 ft)

MATCHLINE -L- STA 224+40.000

MATCHLINE -L- STA 227+80.000

CA

RW

F

0.9 MTNS CL 'B' RIP RAP W/4.2 SM FILTER FABRIC

89A

375

40m

15 ELEV

90A

0.9 MTNS CL 'B' RIP RAP W/18.4 SM FILTER FABRIC

6.4 MTNS CL 'B' RIP RAP W/18.4 SM FILTER FABRIC

92A

0.9 MTNS CL 'B' RIP RAP W/4.2 SM FILTER FABRIC

CABLE GUIDERAIL DOUBLE FACED

93A

0.9 MTNS CL 'B' RIP RAP W/4.2 SM FILTER FABRIC

35m

N 80° 59' 59.0" E

89 2GI FS

90 2GI

91

92 FS 2GI

93 FS 2GI

-L-

3.6m PS

7.2m

7.0m

1.2m PS

900

900 mm RCP
Buried 0.18 m
and place @ 0% slope

ENDWALL

510.36'

40m

35m

225+00

226+00

227+00

-BL- -B- POTS sta. 232+32.052

-L- POTS sta. 224+75.295

OFFSET 0.938m (RT)

N71°52'34"E
382.872

ADVANCED ACQUISITION
E.W. STONE
DB 877 PG 441
902

-L- +95.000
35.000m & 40.000m
(114.83 ft & 131.23 ft)

JOHN W. BRADLEY, JR.
DB 507 PG 46

31

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