PROJECT REFERENCE NO.	SHEET NO.
R-2610 A	16
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW
2-23-04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12786 ENGINEER STEVEN M. BONDOR
3-29-04

METRIC 5 0 10

CONST.REV.

R /W REV.

REVISIONS

8/17/99

NC GRID NAD 83

SEE SHEET 32 & 33 FOR -L- PROFILE
SEE SHEETS 2-H & 2-I FOR DITCH DETAILS
SEE SHEET 32 FOR DITCH PROFILES

MATCHLINE -L- 47+70 SEE SHEET 15

MATCHLINE -L- 51+20 SEE SHEET 17

48

CHARLES L. HORNER
DB 481 PG 603
DB 558 PG 903

49

JOHN WAYNE JACOBS
DB 446 PG 428
29

50

30

JEFFREY CARR BEAL
DB 602 PG 40

51

JEFFREY CARR BEAL
DB 616 PG 269 & PG 271
31

WKR, INC.
DB 663 PG 861

165.124
S78°24'09"W

220.313
S73°45'29"W

POND
WL 16.35

48+63.334
35.237 EIP

48+73.286
35.011

EST. 4.5 MTNS CL. "B" RIP-RAP
EST. 11.7 SM FF

-L- +00.000
30.379m
(99.67 ft)

49+13.037
28.116

49+94.837
28.097

LATERAL BASE DITCH
SEE DETAIL 15B

-L- +20.000
40.000m
(131.23ft)

-L- +60.000
38.000m
(124.67ft)

LATERAL BASE DITCH
SEE DETAIL 15C

-BL- POT 50+84.139
-L- 50+84.595
0.0M offset
REBAR, NO CAP

-L- +80.000
29.719m
(97.50m)

50+65.653
28.091

EXISTING R/W

1200 mm WW&ISBW

2-GI TYPE D
600 F.S.

LATERAL BASE DITCH
SEE DETAIL 15A

375

750

7.2m

7.0m

7.0m

7.2m

CONC DITCH

REMOVE CONC

2-GI F.S.

N 16°29'59.4" W

REMOVE G/R

14.2m

7.2m

US 421 7.2 BST

EOP

EOT

EOT

EOP

1.2m PS

450 mm

1500 mm CONC DITCH

1650 mm CONC DITCH

RETAIN

RETAIN

CONC DITCH

RIP RAP BASIN #5
SEE SHEET 2-K FOR DETAIL

LINE EXIST. CHANNEL
SEE DETAIL 15D
(DO NOT CLEAR TREES OR CUT BANKS)

REPLACE
1 SECTION
450

EXISTING R/W

SIGN

LT

W/LT

GR

1200 mm WD CONC

CONC

CONC

CONC

PLANTER

ISMTLBUS

LANDSCAPE TIMBERS

LANDSCAPE TIMBERS

LT

END FENCE
END C/A
-L- 48+60.911
36.513m
(119.79 ft)

48+70.433
36.665

90.358
N77°51'40"E

48+79.198
36.502

BEG FENCE
BEG C/A
-L- 48+79.198
36.502m
(119.76 ft)

1200 mm WW&ISBW

49+43.725
39.527

49+78.503
32.896

-L- 50+50.151
BEG 0.6m WIDENING OF OUTSIDE PAVED SHOULDER
END SAW CUT
EXIST. PVT

-L- +82.000
32.902m
(107.95 ft)

-L- +93.000
42.000m
(137.80ft)

TDE

TDE

BOULDER STEP/POOL AT EXIST. VERTICAL STEPS-3 LOCATIONS
SEE DETAIL 15E

22-MAR-2004 15:18
RShillinglaw
R-2610a-sht-rdwy-01-RD187117

RD187117 Monday March 22 2004 s16f RShillinglaw rd-03oce34