PROJECT REFERENCE NO.	SHEET NO.
R-2813C	EC-10/CONST.11
R /W SHEET NO.	//
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

FOR PROFILE OF -L- SEE SHEETS NO. 20 & 21
FOR PROFILE OF -Y8- SEE SHEET NO. 24
FOR INTERSECTION DETAIL OF -Y8- SEE SHEET NO. 2-I

NAD 83

MATCHLINE STA. 57+00 -L- SEE SHEET 10

MATCHLINE STA. 60+40 -L- SEE SHEET 12

-YBL- 215
-Y3BL- POT 5+00.000 =
-L- POT 57+85.408 (116.419 Lt.)

POT Sta.10+80.000 -Y8-

POT Sta.10+60.000 -Y8-
END CONSTRUCTION

CAROLINA POWER & LIGHT COMPANY
DB 840 PG 355
DB 859 PG 567

SLOPE PROTECTION
CLASS "B" RIPRAP
WITH FILTER FABRIC
EL=660.820

CAROLINA POWER & LIGHT COMPANY
DB 840 PG 355
DB 859 PG 567
PB 34 PG 141

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 11

4 x 2 x 1
1.5 weir

REMOVE
CLASS "B" RIPRAP

TOE PROTECTION
SEE DETAIL "E"

2.1 x 3.1m RCBC
OAL = 53.3m

PLUG 450 WITH
FLOWABLE
FILL

800 CSP
W/ 2 ELBOWS

400 CSP
W/ 2
ELBOWS

REMOVE 8M
OF 450

-LBL- 206
-LBL- PINC 28+40.975 =
-Y3BL- POT 6+15.196 =
-L- POT 57+92.034 (1.414 Lt.)

POT Sta.57+82.190 -L- =
POT Sta.10+00.000 -Y8-

LAKE JULIAN

NANCY MARSH WRIGHT
DB 582 PG 459
DB 584 PG 150
WILL: 84E PG 1091

EDGAR DAVID
CARSWELL
DB 1798
PG 143,144

KAREN RENEE HOLT
LIVING TRUST
DB 2823 PG 832

DETAIL E
TOE PROTECTION
(Not to Scale)

Natural Ground — 2H — 2H — Fill Slope
d
Filter Fabric — d= 0.30 m
Type of Liner = CLASS "B" STONE

PREFORMED SCOUR HOLE

PLAN VIEW

Pipe or Ditch Outlet
Permanent Soil Reinforcement Matting (PSRM)
Install level and flush with natural ground
A
Square Preformed Scour Hole (PSH)
(Rip Rap in basin not shown for clarity)
W (1.3d min typ.)
Seed with native grasses at installation.

SECTION A-A

Pipe or Ditch Outlet
PSRM
d

FROM STA 58+03 TO 58+48 -L-LT
CAROLINA POWER & LIGHT COMPANY

DB 828 PG 221-225	DB 844 PG 25,615
DB 838 PG 185	DB 846 PG 165
DB 840 PG 37	DB 848 PG 11,397
DB 843 PG 613	DB 849 PG 296,409,531
DB 851PG 395,396	DB 852 PG 61,478
DB 854 PG 315	DB 855 PG 131
DB 862 PG 25,26,171	DB 863 PG 45
DB 879 PG 402-405	PB 34 PG 141
DB 949 PG 283,286,287,292-296	
DB 1169 PG 407	