PROJECT REFERENCE NO.	SHEET NO.
R-2552B	PHASE II EC-7
R /W SHEET NO.	
CONST.REV.	
R /W REV.	

METRIC

5 0 10

GRADING AND DRAINAGE EROSION CONTROL FOR CONSTRUCTION SHEET 7

NAD 83

JURISDICTIONAL AREA
DO NOT DISTURB

-L-
PI= 69+63.482
Δ = 27° 47' 29.8" (RT)
L = 824.5940
T = 420.5756
R = 1,700.000
SE= 0.040

SKIMMER BASIN
8 x 4 x 1
WEIR 2.0m
50mm SKIMMER
W/BAFFLES
ID 7.4

9 x 5 x 1
ID 7.10

13 x 5 x 1
ID 7.7

19 x 6 x 1
ID 7.6

15 x 6 x 1
ID 7.9

13 x 5 x 1
ID 7.8

14 x 5 x 1
ID 7.5

SKIMMER BASIN
23 x 11 x 1
WEIR 2.0m
50mm SKIMMER
W/BAFFLES
ID 7.2

SKIMMER BASIN
25 x 13 x 1
WEIR 2.5m
50mm SKIMMER
W/BAFFLES
ID 7.3

SEE SHEET PHASE II EC-6

SEE SHEET PHASE II EC-8

MATCHLINE -L- 67+20

MATCHLINE -L- 70+60

NANCY JO BLINSON
JUDY AVERY BURNS
DB 552 PG 614
(13)

CLENNIS STEPHENS
DB 761 PG 55
(15)

JOSEPH L HARRIS
DEED NOT AVAILABLE
(16)

ROMERO, RUBEL
DB 1210 PG 353
(14)

JUSTICE, DERRICK A.
DB 1150 PG 549
(12)

TI-P9100
ELEV=93.759

TI-P9101
ELEV=92.049

TI-P9147
ELEV=90.785

TI-P9281
ELEV=89.571

BL-806 PINC 74+23.715
-L- 67+36.949: OFF 31.018 LT

BL-807 PINC 74+93.372
-L- 68+05.128: OFF 23.705 LT

BL-808 PINC 76+11.869
-L- 69+22.088: OFF 19.878 LT

BL-809 PINC 77+19.294
-L- 70+28.332: OFF 17.783 LT

+25
53
(173.88')

+40
50
(164.04')
(CHORD)

+50
50
(164.04')

+90
65
(213.25')

+20
50
(164.04')

+20
65
(213.25')

-L- PL
50m (164.04')

BDO
OPEN END
PIPE

400 CSP
W/ ELBOWS

375 RCP

450 RCP

600 RCP

2GI-B

2GI-A

GRAU-350

CAT-I

CAT-J

CABLE GUIDERAIL

FALSE SUMP
DETAIL 9

FALSE SUMP
DETAIL 10

FALSE SUMP
DETAIL 11

OUTLET PROTECTION
CLASS 'I' RIP RAP
W/ FILTER FABRIC
(PLACE ON STREAM
BANK ONLY)
EST 32.6 TONS
EST 55.8 SM FF

NEUSE RIVER BUFFER

CONCRETE LEVEL SPREADER
LENGTH = 30.5m
BASE WIDTH = 1.2m
BASE ELEV = 92.165m
SPILLWAY TOP ELEV = 92.5m
QIO = 0.424 m³/s Q100 = 0.3m/s
SEE DETAIL SHEET 2-H

GRASSED BERM LEVEL SPREADER
LINED W/ PERMANENT SOIL
REINFORCEMENT MATTING (PSRM)
LENGTH = 30.5m
BASE WIDTH = 1.2m
BASE ELEV = 91.0m
SPILLWAY TOP ELEV = 91.3m
QIO = 0.424 m³/s Q100 = 0.3m/s
SEE DETAIL SHEET 2-H

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS

JURISDICTIONAL AREA
DO NOT DISTURB