PROJECT REFERENCE NO.	SHEET NO.
R-2552C	EC-8/CONST.9
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

ENVIRONMENTALLY SENSITIVE AREA
APPLIES TO BUFFER ZONES 1 AND 2
SEE PROJECT SPECIAL PROVISIONS

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 9

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

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

MATCHLINE -L2- 124+40

MATCHLINE -L2- 128+00

-L2LT- ST Sta.124+36.047

+37.900 (-L2LT-)

+36.047 -L2LT- 39.500 (129.59 ft)

90 UNIFORM TAPER (0 TO 3.6)

+27.900 (-L2LT-)

SKIMMER BASIN
80.0 x 12.0 x 1
3.5 WEIR
64mm SKIMMER
wBAFFLES
ID 9.2

+27.000 -L2- 108.000 (319.88 ft)

+36.500 -L2- 101.000 (296.92 ft)

NEUSE BUFFER

BZ 1

BZ 2

-L2- POT Sta.126+50.000 (LA) =

-L2RT- POT Sta.126+50.325 10.5 RT.(LB) =

-L2LT- POT Sta.126+37.900 10.5 LT.(LB) =

NAD83

+79.587 -L2LT- 39.500 (129.59 ft)

+33.000 -L2LT- 39.500 (129.59 ft)

+10.000 -L2LT- 39.500 (129.59 ft)

+30.000 -L2LT- 39.500 (129.59 ft)

125

126

127

128

CL. "B" RIP RAP (2 M.TONS) w/ FIL. FAB. (6 SM)

LAT. 0.6m BASE DITCH

LAT. 1.0m BASE DITCH

CL. "B" RIP RAP TOE OF FILL PROTECTION

ENDWALL

26 x 13 x 1
2.5 weir
ID 9.3

TSD

400mm CSP w/ 2 CS ELBOWS TYPE A COATING

2GI w/ FLAT GRATE

EXPWY. GUTTER

GRAU-350

8d TAPER

375mm RCP

-L2LT- S 88° 53' 01.1" E

-L2- S 88° 53' 01.1" E

-L2RT- S 88° 53' 01.1" E

2GI FALSE SUMP 125

2GI TYPE A FALSE SUMP

2GI TYPE A FALSE SUMP

AUXILIARY LANE

34 x 17 x 1
3.0 weir
ID 9.1

450mm CSP w/ 2 CS ELBOWS TYPE A COATING

1.5 x 1.0 PRE-FORMED SCOUR HOLE W/ CL. "I" RIP RAP (53 M.TONS) & FIL.FAB. (65 S.M.)

CAT-1
2GI w/ FLAT GRATE (EXTRA DEPTH)

+60.000 -L2RT- 39.500 (129.59 ft)

+90.825 -L2RT- 39.948 (131.06 ft) (℄ CORNER)

+25.000 -L2RT- 41.410 (135.86 ft)

+35.000 -L2- 52.311 (171.62 ft)

+55.000 -L2- 53.148 (174.37 ft)

+09.308 -L2- 55.421 (181.83 ft) (℄ CORNER)

+92.384 -L2- 55.334 (181.54 ft) (℄ CORNER)

CL. "I" RIP RAP (5LM.TONS) w/ FIL. FAB. (30 SM)

SKIMMER BASIN
80.0 x 14.0 x 1
3.5 WEIR
76mm SKIMMER
wBAFFLES
ID 9.4

+55.000 -L2- 105.000 (344.49 ft)

+35.000 -L2- 105.000 (310.04 ft)

DENOTES FILL IN SURFACE WATER

DENOTES TEMPORARY FILL IN SURFACE WATER

DECK

ISFD

CONC

IS ELEC

EarthTech
A Tyco International Ltd. Company
701 Corporate Center Drive, Suite 475 Raleigh, NC 27607

PLOTTED: 2005.2.23
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