PROJECT REFERENCE NO.	SHEET NO.
R-2552C	EC-34/CONST.7
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

JURISDICTIONAL WETLANDS DO NOT DISTURB

F F DENOTES FILL IN WETLAND

DENOTES MECHANIZED CLEARING

P P DENOTES FILL IN SURFACE WATER (POND)

GRADING AND DRAINAGE EROSION CONTROL FOR CONSTRUCTION SHEET 7

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

NOTE: INSTALL EROSION CONTROL MATTING ON TEMPORARY DIVERSION DITCH

NOTE: INSTALL EROSION CONTROL MATTING ON TEMPORARY DIVERSION DITCH

MATCHLINE -L2- 117+20

MATCHLINE -L2- 120+80

NAD83

+54.642 -Y- 18.288 (60.00 ft)

+48.031 -Y- 9.144 (30.00 ft)

+40.000 -Y- 9.144 (30.00 ft)

+59.796 -Y- 18.288 (60.00 ft)

+20.000 -L2LT- 39.500 (129.59 ft)

+20.000 -L2LT- 35.000 (114.83 ft)

+59.586 -L2LT- 35.000 (114.83 ft) ON IP

CL. "B" RIP RAP (3 M.TONS) w/ FIL. FAB. (5 SM) EACH SITE

CL. "B" RIP RAP (3 M.TONS) w/ FIL. FAB. (5 SM)

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

ENDWALL

CHORD

LAT. 0.6m BASE DITCH

400mm CSP w/2 CS ELBOWS TYPE A COATING

2GI w/FLAT GRATE

2GI w/FLAT GRATE EXTRA DEPTH

EXPWY. GUTTER

-Y- POC Sta.11+17.649

-L2LT- POC Sta.117+30.575

△ = 100° 35' 12.1"

-Y- POC Sta.11+50.432

-L2RT- POC Sta.117+32.

△ = 96° 15' 50.

600mm RCP

62°

90°

-L2LT-

-L2RT-

-L2-

REMOVE

SOIL

375 mm CONC

NEUSE BUFFER

ISFD

20 x 10 x 1 ID 12.4

FALSE SUMP

900mm RCP CL. IV METHOD B INSTALL

1050mm RCP CL. IV METHOD B INSTALL

118

119

120

LAT. 0.6m BASE DITCH

TSb- POC Sta.11+57.375

-L2- POC Sta.117+31.480

△ = 94° 35' 16.9"

+40.000 -L2RT- 31.000 (101.70 ft)

+39.900 -L2RT- 39.500 (129.59 ft)

+75.000 -L2RT- 39.500 (129.59 ft)

+90.000 -L2RT- 51.999 (170.60 ft)

+90.000 -L2RT- 39.500 (129.59 ft)

+85.000 -L2RT- 79.999 (262.46 ft)

375mm RCP

DRAIN POND & GRADE TO DRAIN

TEMPORARY DRAINAGE EASEMENT

28 x 14 x 1 2.5 weir ID 7.1

30 x 15 x 1 2.5 weir ID 7.3

46.000 (150.92 ft)

LAT. 2.0m BASE DITCH

TDE

DENOTES PAVEMENT TO BE REMOVED

EarthTech

A Tyco International Ltd. Company

701 Corporate Center Drive, Suite 475 Raleigh, NC 27607

9-FEB-2005 16:00
d:\EC\projects\2552c\engr\tec\ec 2nd try\R2552C_REV_EC_07-2.DGN
jbrown
$(REVISED)