

**METRIC**

PROJECT REFERENCE NO. R-2206C SHEET NO. 22  
 R/W SHEET NO.

ROADWAY DESIGN ENGINEER  
 HYDRAULICS ENGINEER

5 0 10

56 57 901

CONST. REV.  
 R/W REV.

NORTH CAROLINA PROFESSIONAL SEAL 15356  
 DONALD DAVID ALLEN

NORTH CAROLINA PROFESSIONAL SEAL 14160  
 DOUGLAS B. SANDERS

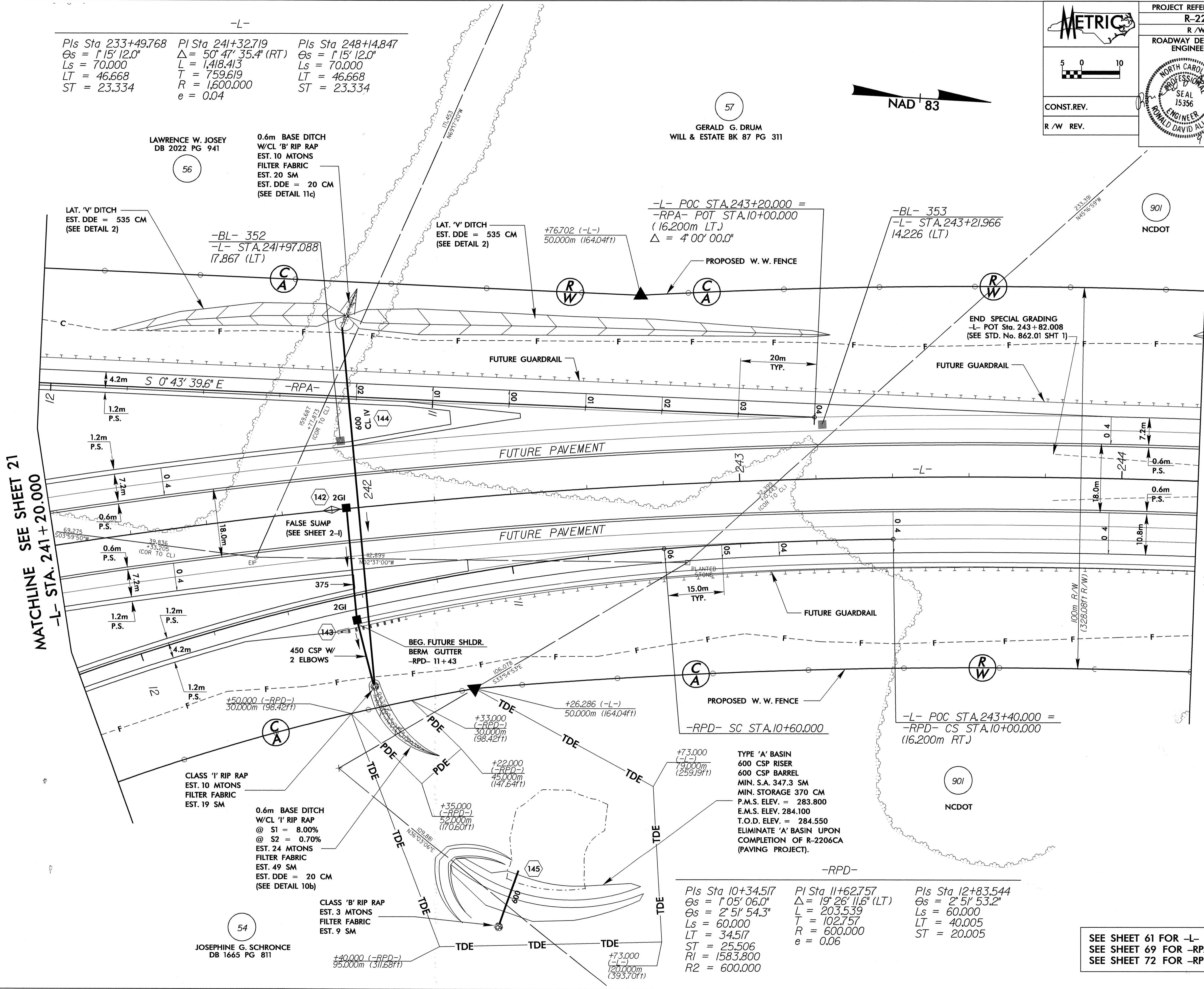
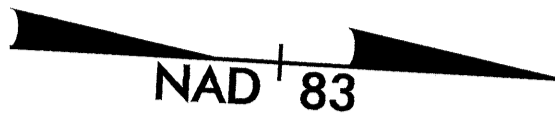
8-2-04

-L-  
 Pls Sta 233+49.768  $\Theta_s = 1' 15'' 12.0''$   
 Ls = 70.000  
 LT = 46.668  
 ST = 23.334

Pls Sta 241+32.719  $\Delta = 50' 47'' 35.4'' (RT)$   
 L = 1,418.413  
 T = 759.619  
 R = 1,600.000  
 e = 0.04

Pls Sta 248+14.847  $\Theta_s = 1' 15'' 12.0''$   
 Ls = 70.000  
 LT = 46.668  
 ST = 23.334

57  
 GERALD G. DRUM  
 WILL & ESTATE BK 87 PG 311



MATCHLINE SEE SHEET 21  
 -L- STA. 241+20.000

MATCHLINE SEE SHEET 23  
 -L- STA. 244+20.00

56  
 LAWRENCE W. JOSEY  
 DB 2022 PG 941

0.6m BASE DITCH  
 W/CL 'B' RIP RAP  
 EST. 10 MTONS  
 FILTER FABRIC  
 EST. 20 SM  
 EST. DDE = 20 CM  
 (SEE DETAIL 11c)

LAT. 'V' DITCH  
 EST. DDE = 535 CM  
 (SEE DETAIL 2)

-BL- 352  
 -L- STA. 241+97.088  
 17.867 (LT)

LAT. 'V' DITCH  
 EST. DDE = 535 CM  
 (SEE DETAIL 2)

+76.702 (-L-)  
 50.000m (164.04ft)

-L- POC STA. 243+20.000 =  
 -RPA- POT STA. 10+00.000  
 (16,200m LT.)  
 $\Delta = 4' 00'' 00.0''$

-BL- 353  
 -L- STA. 243+21.966  
 14.226 (LT)

END SPECIAL GRADING  
 -L- POT Sta. 243+82.008  
 (SEE STD. No. 862.01 SHT 1)

FALSE SUMP  
 (SEE SHEET 2-1)

BEG. FUTURE SHLDR.  
 BERM GUTTER  
 -RPD- 11+43

-RPD- SC STA. 10+60.000

-L- POC STA. 243+40.000 =  
 -RPD- CS STA. 10+00.000  
 (16,200m RT.)

CLASS '1' RIP RAP  
 EST. 10 MTONS  
 FILTER FABRIC  
 EST. 19 SM

0.6m BASE DITCH  
 W/CL '1' RIP RAP  
 @ S1 = 8.00%  
 @ S2 = 0.70%  
 EST. 24 MTONS  
 FILTER FABRIC  
 EST. 49 SM  
 EST. DDE = 20 CM  
 (SEE DETAIL 10b)

CLASS 'B' RIP RAP  
 EST. 3 MTONS  
 FILTER FABRIC  
 EST. 9 SM

TYPE 'A' BASIN  
 600 CSP RISER  
 600 CSP BARREL  
 MIN. S.A. 347.3 SM  
 MIN. STORAGE 370 CM  
 P.M.S. ELEV. = 283.800  
 E.M.S. ELEV. 284.100  
 T.O.D. ELEV. = 284.550  
 ELIMINATE 'A' BASIN UPON  
 COMPLETION OF R-2206CA  
 (PAVING PROJECT).

-RPD-  
 Pls Sta 10+34.517  $\Theta_s = 1' 05'' 06.0''$   
 $\Theta_s = 2' 51'' 54.3''$   
 Ls = 60.000  
 LT = 34.517  
 ST = 25.506  
 R1 = 1583.800  
 R2 = 600.000

Pls Sta 11+62.757  $\Delta = 19' 26'' 11.6'' (LT)$   
 L = 203.539  
 T = 102.757  
 R = 600.000  
 e = 0.06

Pls Sta 12+83.544  $\Theta_s = 2' 51'' 53.2''$   
 Ls = 60.000  
 LT = 40.005  
 ST = 20.005

SEE SHEET 61 FOR -L- PROFILE  
 SEE SHEET 69 FOR -RPA- PROFILE  
 SEE SHEET 72 FOR -RPD- PROFILE

REVISIONS

05-AUG-2004 12:53  
 SEE SHEET 61 FOR -L- PROFILE