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PROJECT REFERENCE NO.	SHEET NO.
U-3615B	8
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER — Greg S. Purvis

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER — Paul F. Fisher

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

-L-
PI Sta 211+98.99
Δ = 9° 23' 36.9" (LT)
D = 1° 10' 09.5"
L = 803.35
T = 402.58'
R = 4,900.00'
DS = 50 MPH
SE = 0.02
RO = SEE PLANS

-L-
PIs Sta 216+24.76
Θs = 0° 26' 18.6"
Ls = 75.00'
LT = 50.00'
ST = 25.00'

-L-
PIs Sta 219+87.31
Θs = 2° 13' 56.3"
Ls = 150.00'
LT = 100.01'
ST = 50.01'

-L-
PI Sta 223+29.19
Δ = 17° 14' 38.9" (RT)
D = 2° 58' 35.1"
L = 579.36
T = 291.89'
R = 1,925.00'
DS = 50 MPH
SE = 0.04
RO = SEE PLANS

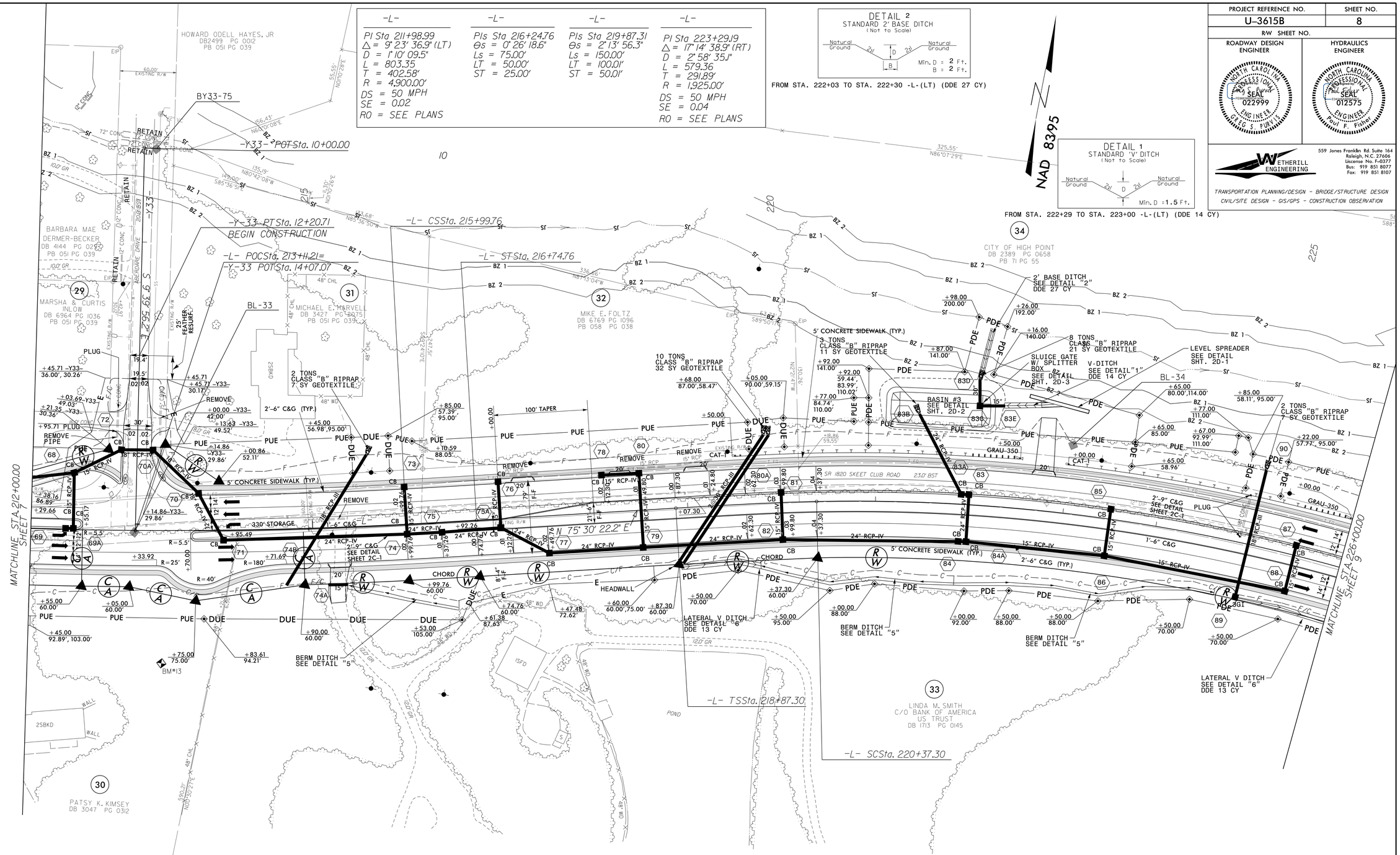
DETAIL 2
STANDARD 2' BASE DITCH
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — Natural Ground — B
Min. D = 2 Ft.
B = 2 Ft.

FROM STA. 222+03 TO STA. 222+30 -L-(LT) (DDE 27 CY)

DETAIL 1
STANDARD 'V' DITCH
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — Natural Ground
Min. D = 1.5 Ft.

FROM STA. 222+29 TO STA. 223+00 -L-(LT) (DDE 14 CY)

NAD 83/95



DETAIL 6
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — b — 1'/Ft. — Fill Slope
Min. D = 1 Ft.
b = 3 Ft.

FROM STA. 218+90 TO STA. 219+75 -L- (RT) (DDE 13 CY)
FROM STA. 225+00 TO STA. 226+00 -L- (RT) (DDE 13 CY)

DETAIL 5
BERM DITCH
(Not to Scale)
SLOPE STAKE — 5.0' — 4.0' — 5.0' — CLEARING LIMITS
10.0' V.C. — 2:1 — D — VAR.
Min. D = 1 Ft.

FROM STA. 215+35 TO STA. 216+50 -L-(RT)
FROM STA. 219+75 TO STA. 221+88 -L-(RT)
FROM STA. 221+88 TO STA. 224+75 -L-(RT)

SEE SHEET 2B-1 FOR -Y33- INTERSECTION DETAILS
SEE SHEET 20 FOR -L- PROFILE
SEE SHEET 26 FOR -Y33- PROFILE
SEE SHEET 2B-4 FOR TEMPORARY ALIGNMENT 1 DETAIL

REVISIONS

8/17/99

3:04:44 PM
R:\Roadway\Proj\u3615b_rdy_rsh_sh08.dgn
U-3615B
10/29/2014