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METRIC
5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-2911A	21
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 028434 ENGINEER DAYTON M. PALMER 3-12-04 — SEAL NOT VALID UNLESS SIGNED AND DATED

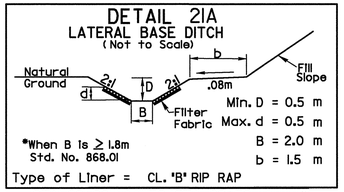
HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 12786 ENGINEER STEVEN M. BONDOR 3-12-04 — SEAL NOT VALID UNLESS SIGNED AND DATED

CONST.REV.

R/W REV.

REVISIONS

DETAIL 21A
LATERAL BASE DITCH
(Not to Scale)



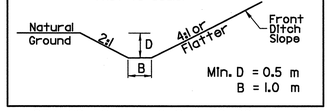
Min. D = 0.5 m
Max. d = 0.5 m
B = 2.0 m
b = 1.5 m

*When B is ≥ 1.8m
Std. No. 868.01

Type of Liner = CL. 'B' RIP RAP

STA. 68+60 -L- TO STA. 69+50 -L- LT

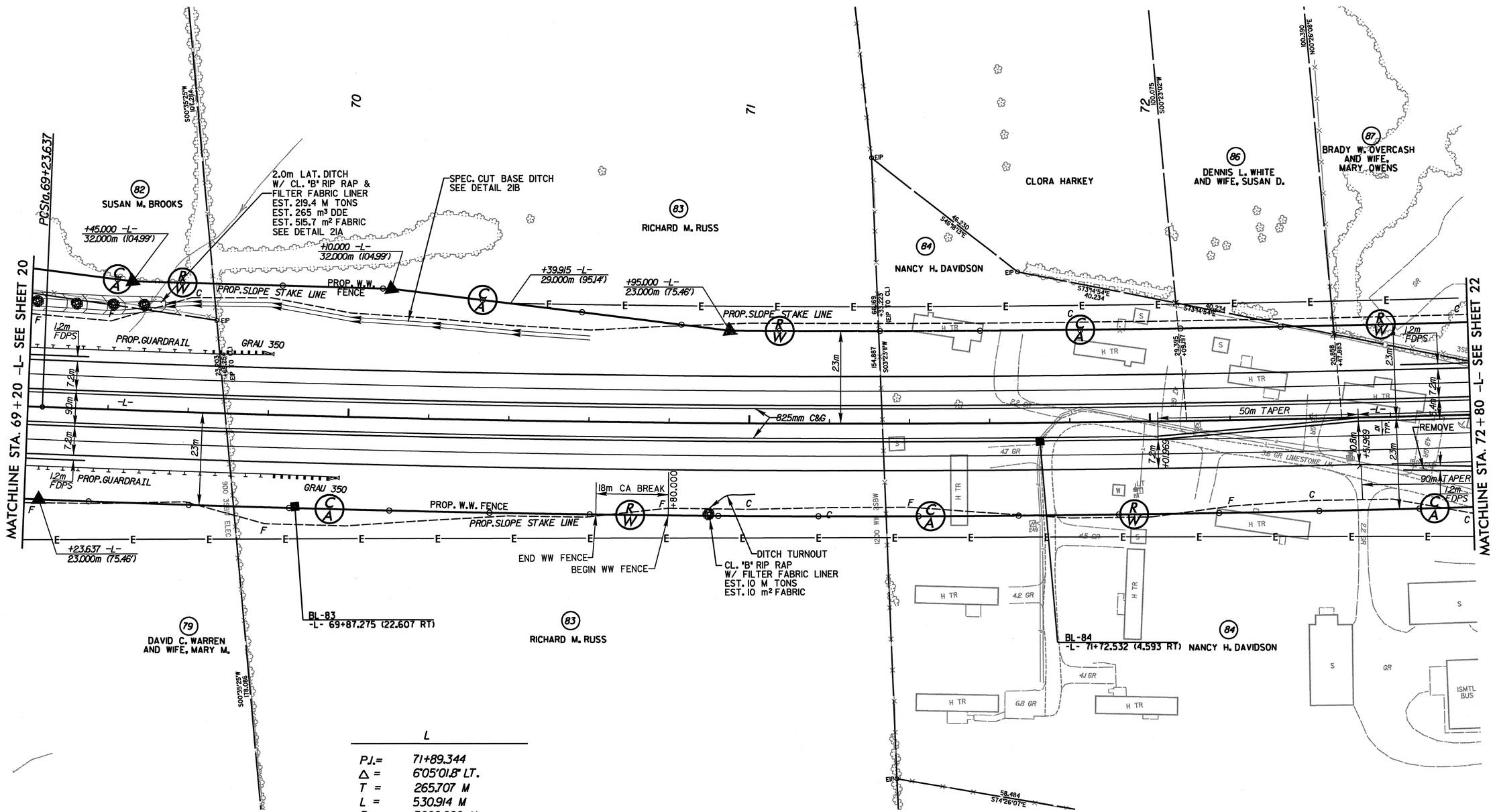
DETAIL 21B
SPECIAL CUT BASE DITCH
(Not to Scale)



Min. D = 0.5 m
B = 1.0 m

STA. 69+50 -L- TO STA. 70+60 -L- LT

NAD 83



L

P.I.=	71+89.344
Δ =	6°05'01.8" LT.
T =	265.707 M
L =	530.914 M
R =	5000.000 M
SUPER =	NC

SEE SHEET 42 FOR -L- PROFILE

ARCADIS G&M
Date: 3/12/2004 Time: 8:09:28 AM
Filename: r:\roadway\proj\r2911a_rdy_psh-s21.dgn