ARCADIS
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Raleigh, NC 27607-5073
Tel: 919/854-1282 Fax: 919/854-5448

METRIC
5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-2911A	17
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 028434 ENGINEER BRION M. PALMER
SEAL NOT VALID UNLESS SIGNED AND DATED

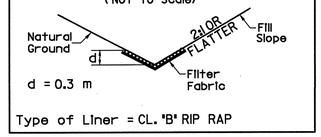
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12786 ENGINEER STEVEN M. BONDER 3-12-04
SEAL NOT VALID UNLESS SIGNED AND DATED

CONST.REV.

R /W REV.

REVISIONS

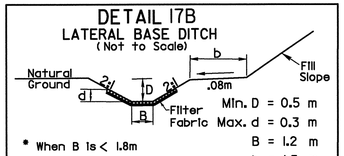
DETAIL 17A
TOE PROTECTION
(Not to Scale)



Type of Liner = CL. "B" RIP RAP

STA. 54+80 -L- TO STA. 56+20 -L- LT
STA. 54+80 -L- TO STA. 55+96 -L- RT

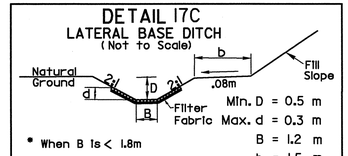
DETAIL 17B
LATERAL BASE DITCH
(Not to Scale)



Type of Liner = CL. "B" RIP RAP

STA. 57+28 -L- TO STA. 58+00 -L- LT

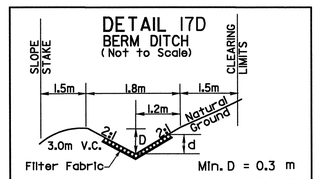
DETAIL 17C
LATERAL BASE DITCH
(Not to Scale)



Type of Liner = CL. "I" RIP RAP

STA. 55+89 -L- TO STA. 57+60 -L- RT

DETAIL 17D
BERM DITCH
(Not to Scale)

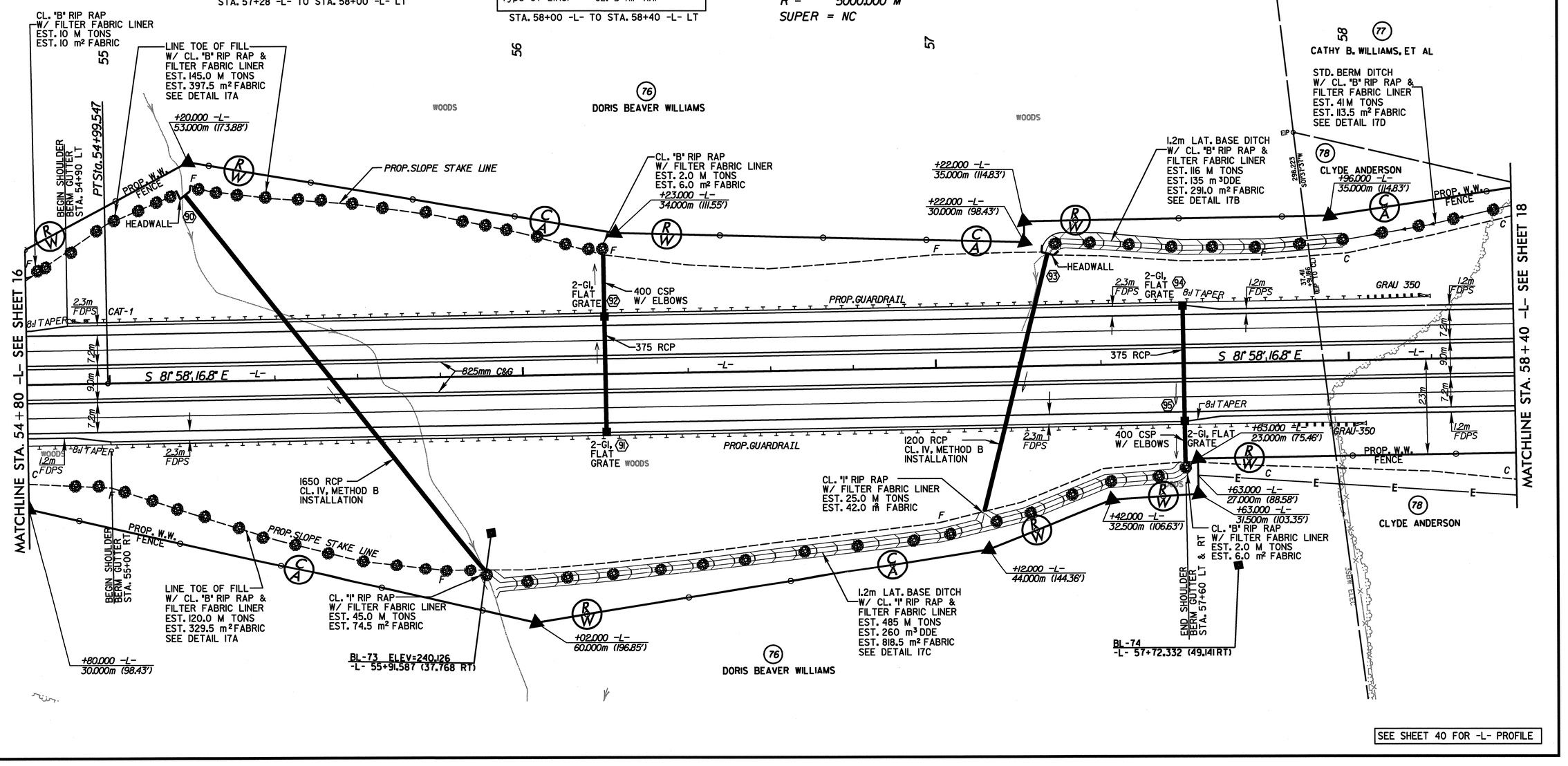


Type of Liner = CL. "B" RIP RAP

STA. 58+00 -L- TO STA. 58+40 -L- LT

L	
P.I.=	54+02.109
Δ =	2°14'00.3" LT
T =	97.463 M
L =	194.901 M
R =	5000.000 M
SUPER =	NC

NAD 83



SEE SHEET 40 FOR -L- PROFILE

ARCADIS G&M
Date: 3/12/2004 Time: 8:09:24 AM
Filename: r:\roadway\proj\r2911a_rdy_psh-alt.dgn