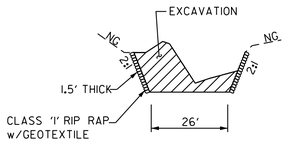
PROJECT REFERENCE NO.	SHEET NO.
B-5124	9
R/W SHEET NO.	

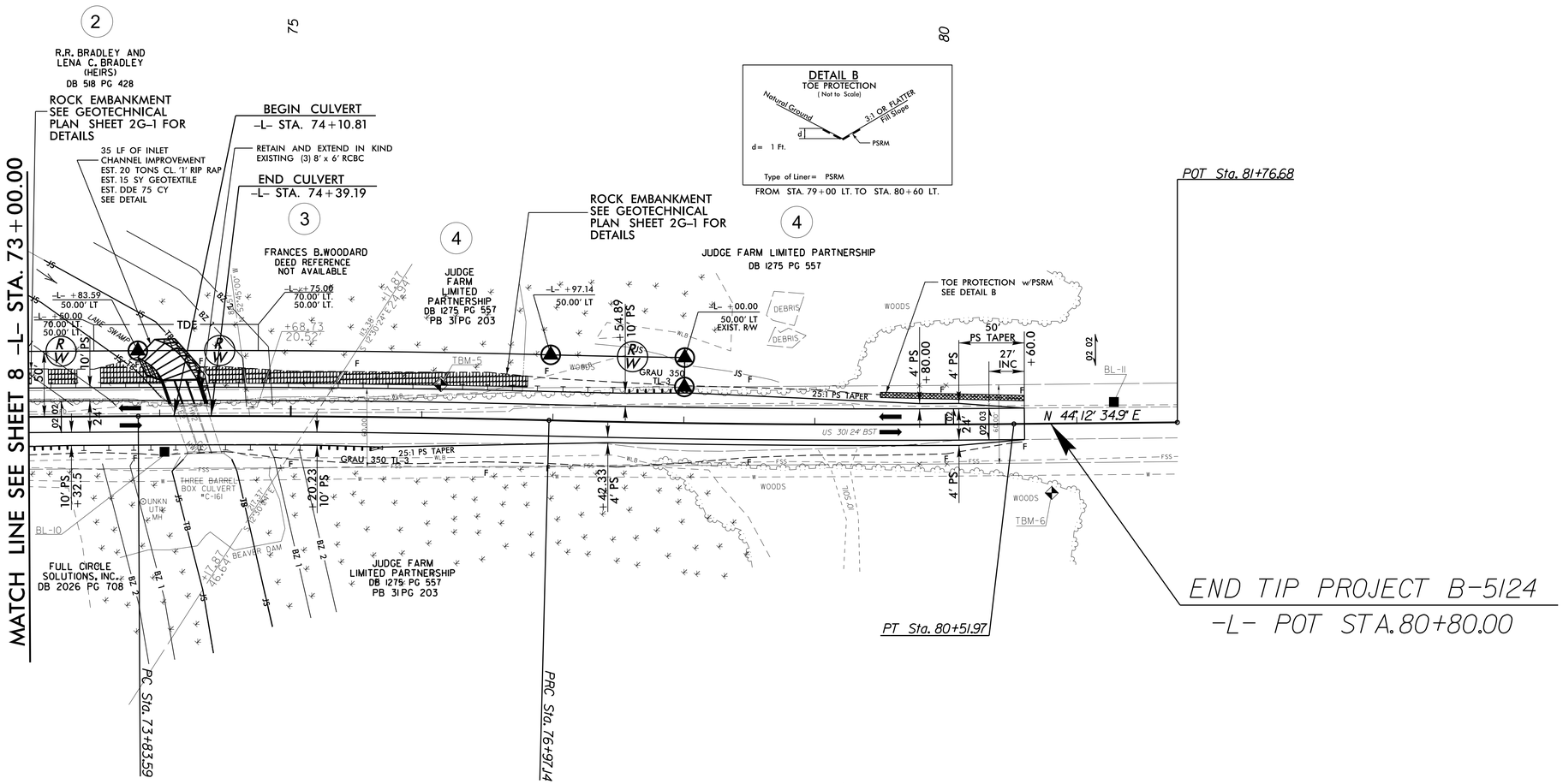
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 025873 ENGINEER GARY R. LOVERING
DocuSigned by: Gary Lovering
DFD7EF34A68D425... 1/29/2015

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 34364 ENGINEER TRENTON J. CORMIER
DocuSigned by: TRENTON CORMIER
FA65D1F852C9424... 1/29/2015

NAD 83/NSRS 2007



CULVERT 161 INLET CHANNEL
(LOOKING DOWNSTREAM)
(NOT TO SCALE)



DETAIL B
TOE PROTECTION
(Not to Scale)

FROM STA. 79+00 LT. TO STA. 80+60 LT.

-L-

PI Sta 75+40.38	PI Sta 78+74.57
Δ = 1° 47' 47.4" (RT)	Δ = 2° 01' 58.9" (LT)
D = 0° 34' 22.6"	D = 0° 34' 22.6"
L = 313.55'	L = 354.83'
T = 156.79'	T = 177.43'
R = 10,000.00'	R = 10,000.00'

NOTES:
1) SEE SHEET 12 FOR -L- PROFILE
2) SEE SHEETS C5-001 THROUGH C5-010 FOR CULVERT PLANS

8/17/99

23-JAN-2015 10:40
R:\Roadway\Proj\B-5124_LR_PSH9.dgn
$$USERNAME$$