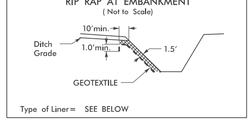
PROJECT REFERENCE NO.	SHEET NO.
BR-0160	EC-7/CONST.5

RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

NAD 83/NA 2011

DETAIL A
RIP RAP AT EMBANKMENT
(Not to Scale)



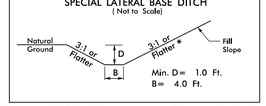
Type of Liner= SEE BELOW

FROM –L– STA. 24+43 TO STA. 24+67 RT
12 TONS CL 'I' RIP-RAP; 17 SY GEOTEXTILE

FROM –L– STA. 24+48 TO STA. 24+79 LT
25 TONS CL 'I' RIP-RAP; 35 SY GEOTEXTILE

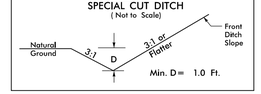
SBG: BEGIN –L– 24+91 END 25+10 RT

DETAIL C
SPECIAL LATERAL BASE DITCH
(Not to Scale)



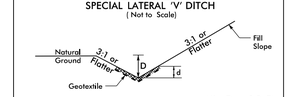
*1.5:1 FILL SLOPE OR FLATTER IF ROCK EMBANKMENT OR IF TRANSITIONING TO ROCK EMBANKMENT
FROM –L– STA. 24+97 TO STA. 26+40 LT

DETAIL D
SPECIAL CUT DITCH
(Not to Scale)



FROM –L– STA. 27+38 TO STA. 29+77 LT
FROM –L– STA. 26+53 TO STA. 27+33 RT
FROM –L– STA. 27+53 TO STA. 28+31 RT
FROM –L– STA. 28+54 TO STA. 29+00 RT

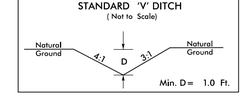
DETAIL E
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Type of Liner= SEE BELOW

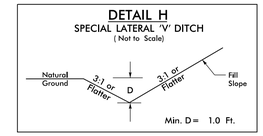
FROM –L– STA. 24+67 TO STA. 25+50 RT
45 TONS CL 'I' RIP-RAP; 63 SY GEOTEXTILE

DETAIL G
STANDARD 'V' DITCH
(Not to Scale)



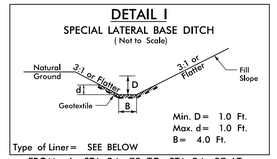
FROM –L– STA. 29+85 TO STA. 30+37 RT

DETAIL H
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



FROM –L– STA. 25+50 TO STA. 26+19 RT

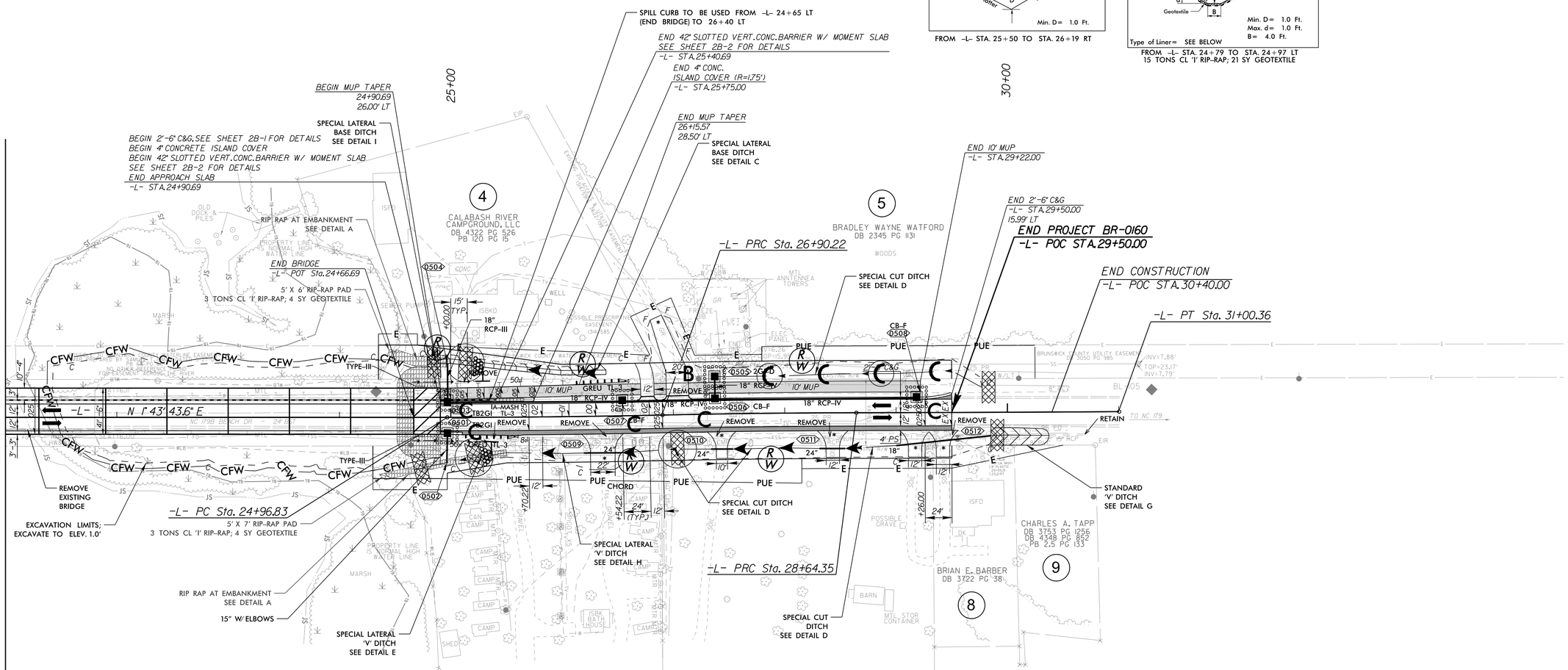
DETAIL I
SPECIAL LATERAL BASE DITCH
(Not to Scale)



Type of Liner= SEE BELOW

FROM –L– STA. 24+79 TO STA. 24+97 LT
15 TONS CL 'I' RIP-RAP; 21 SY GEOTEXTILE

MATCHLINE SHEET 4 –L– STA. 21+00.00



NOTE: UTILIZE FLOATING TURBIDITY CURTAIN WHERE APPLICABLE.

NOTE: UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

-L- CURVE DATA

PI Sta 25+93.53	PI Sta 27+77.29	PI Sta 29+82.35
△ = 1° 13' 52.3" (LT)	△ = 1° 06' 30.7" (RT)	△ = 0° 13' 46.8" (LT)
D = 0° 38' 11.8"	D = 0° 38' 11.8"	D = 0° 05' 50.3"
L = 193.40'	L = 174.13'	L = 236.01'
T = 96.70'	T = 87.07'	T = 118.01'
R = 9,000.00'	R = 9,000.00'	R = 58,879.33'
SE = NC	SE = NC	SE = NC
RO = 84'		AH = N 1° 22' 35.1" E

FOR –L– PROFILE, SEE SHEET NO. 6

8/17/99
22-FEB-2023 13:27
R:\Projects\BR0160\Design\Plan Sheets\BR0160_psh_EC-7.dgn
$$$$USERNAME$$$$