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950015	PROJECT REFERENCE NO.	SHEET NO.
	17BP.4.R.87	2D-1

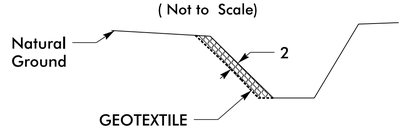
HYDRAULIC DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 039850 ENGINEER JONATHAN M. WHITTINGTON

DocuSigned by: 5/16/2018
Jonathan M. Whittington

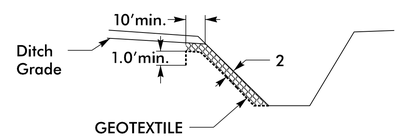
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DETAIL A
BANK STABILIZATION
(Not to Scale)



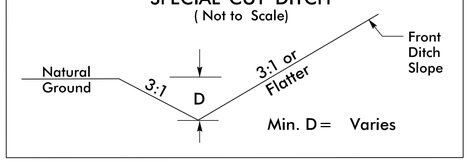
AT –L– STA. 15+25,
15 TONS CL II RIP RAP, 35 SY GEOTEXTILE
AT –L– STA. 15+63
30 TONS CL II RIP RAP, 50 SY GEOTEXTILE

DETAIL B
RIP RAP AT EMBANKMENT
(Not to Scale)



AT –L– STA. 15+30, 35' RT
13 TONS CL II RIP RAP, 15 SY GEOTEXTILE
AT –L– STA. 15+40, 40' LT
10 TONS CL II RIP RAP, 10 SY GEOTEXTILE
AT –L– STA. 15+65, 35' LT
13 TONS CL II RIP RAP, 15 SY GEOTEXTILE
AT –L– STA. 15+65, 40' RT
13 TONS CL II RIP RAP, 15 SY GEOTEXTILE

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)



FROM –L– STA. 14+00 TO STA. 15+25 RT
Min D.=1.0'
FROM –L– STA. 14+73 TO STA. 15+38 LT
Min D.=0.8'
FROM –L– STA. 15+65 TO STA. 16+25; 35' LT
Min D=1.0'
FROM –L– STA. 15+75 TO STA. 17+25 RT
Min D=1.0'
FROM –L– STA. 16+00 TO STA. 17+00; 65' LT
Min D=1.4'
FROM –L– STA. 17+00 TO STA. 17+25; 65' LT
Min D=1.0'

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