

PROJECT REFERENCE NO. B-5161	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
3/21/2018	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

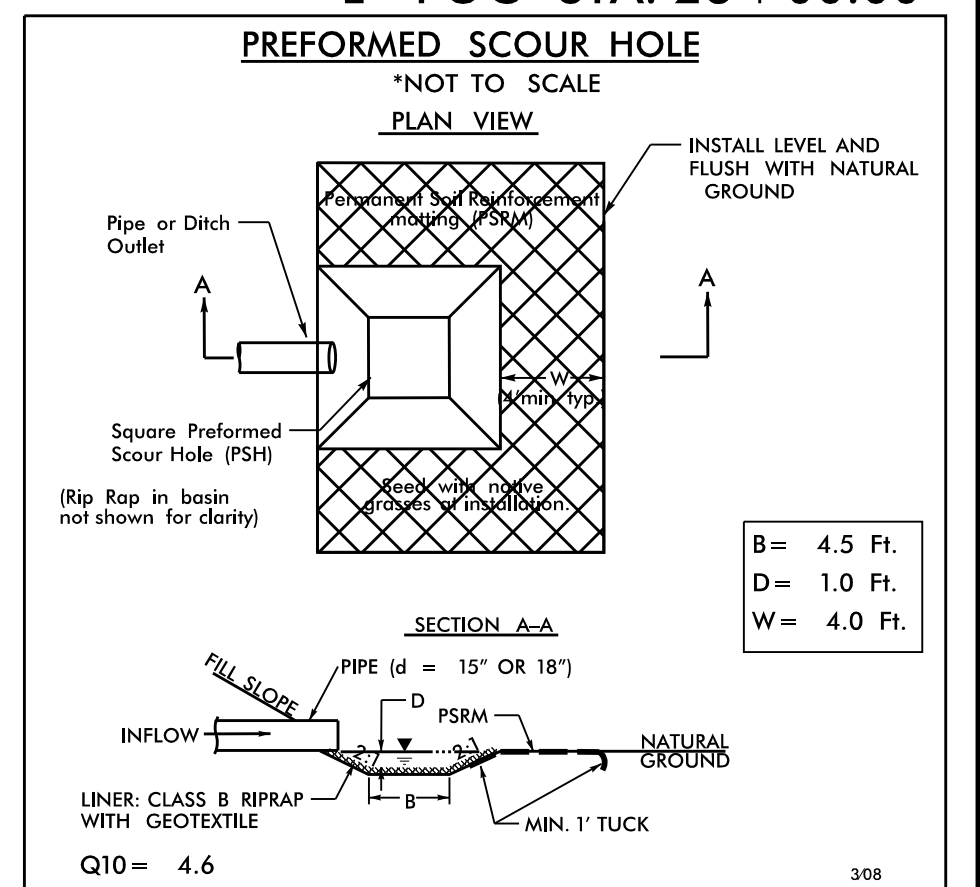
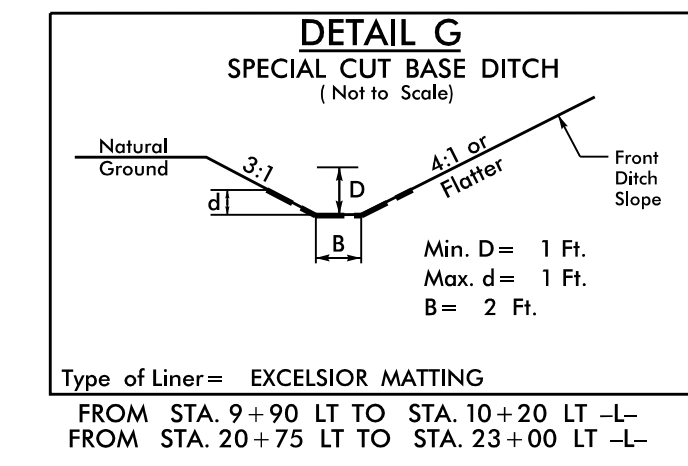
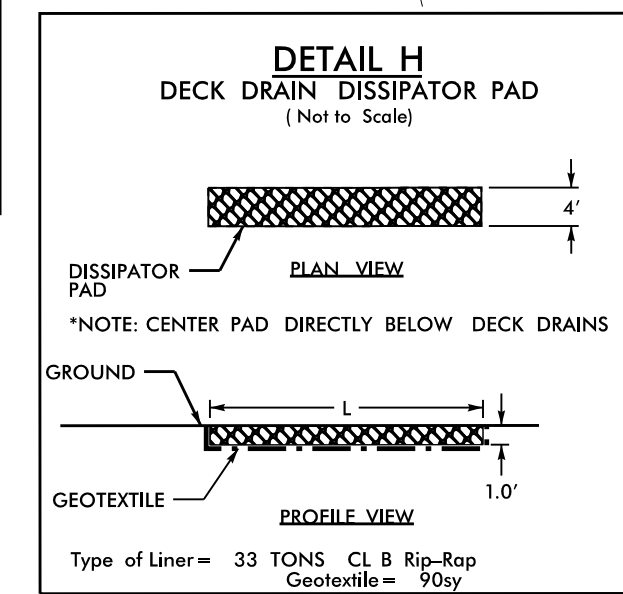
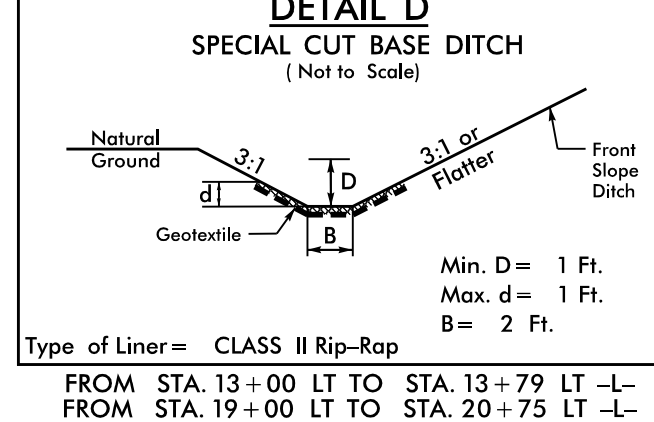
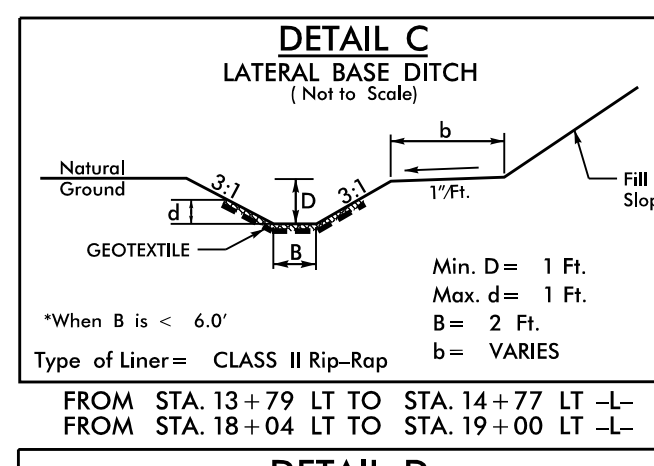
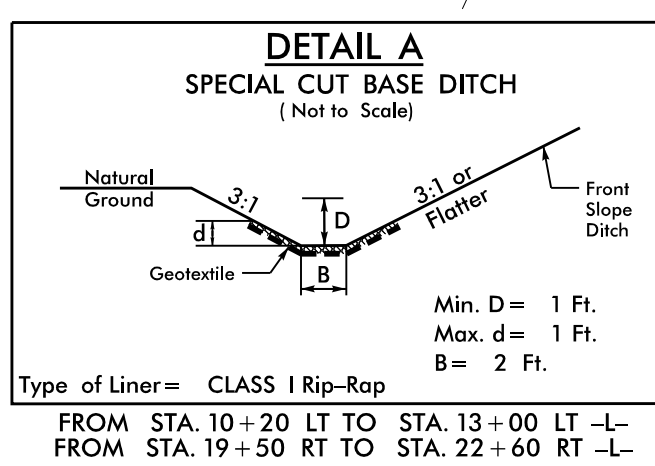
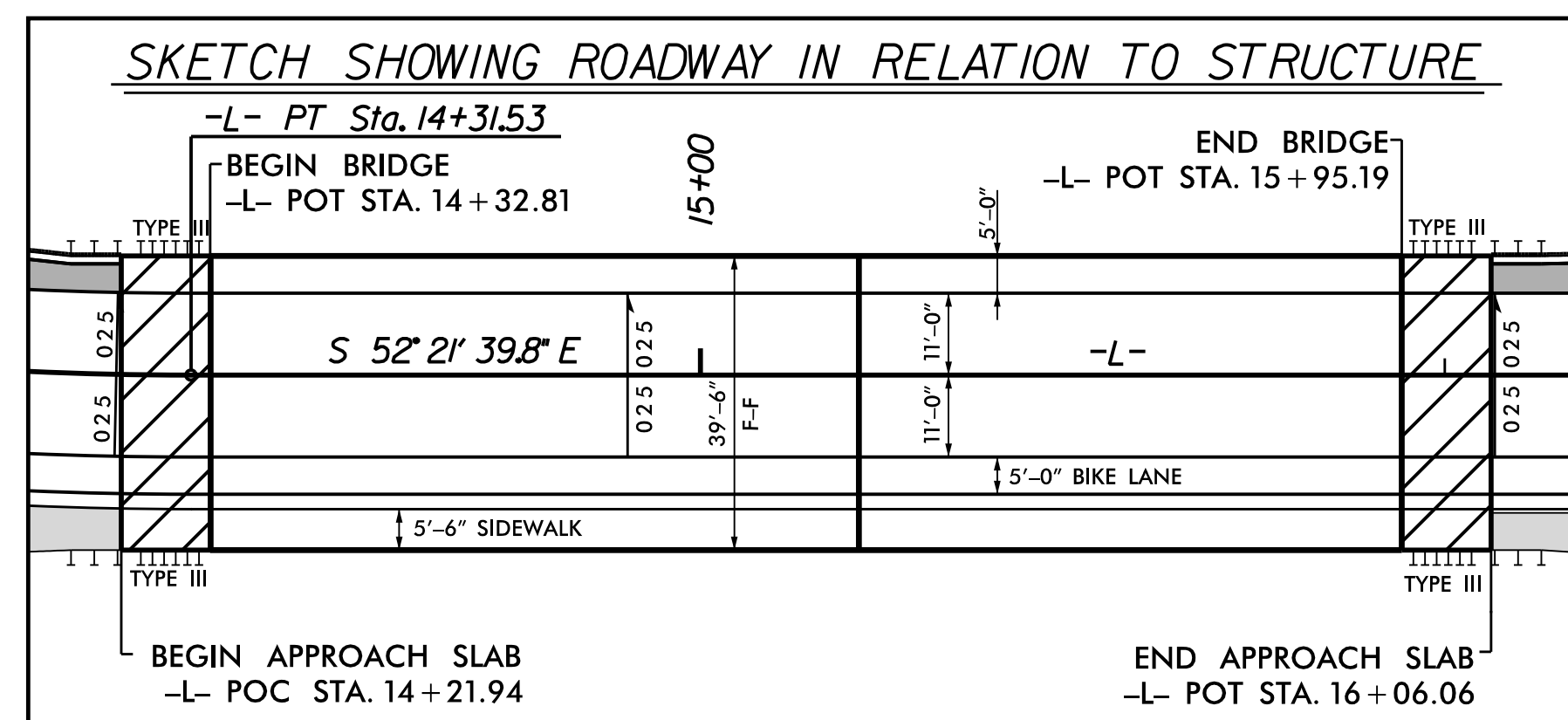
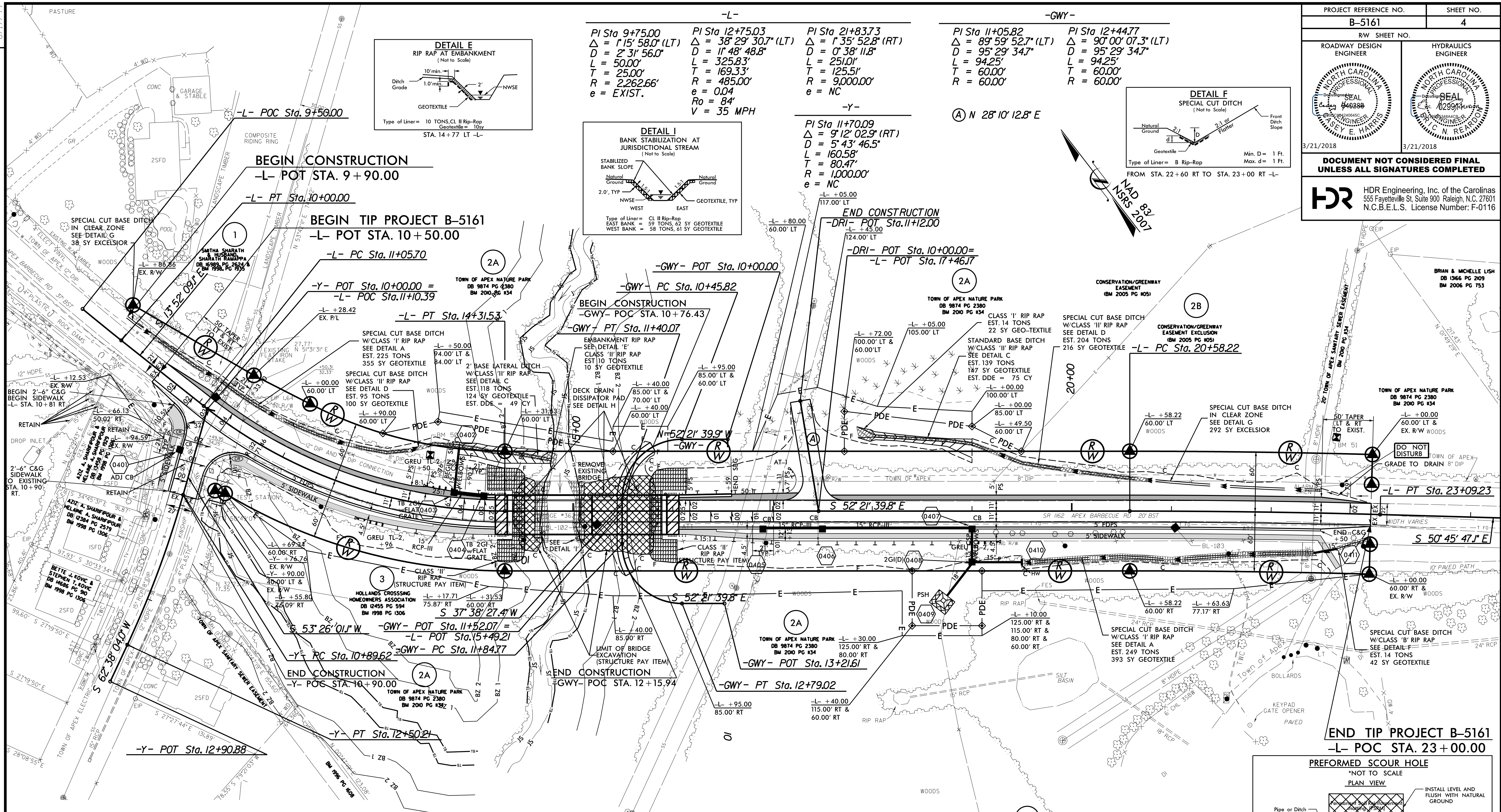
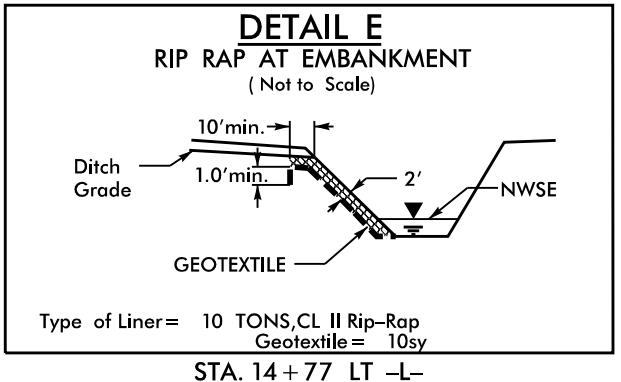
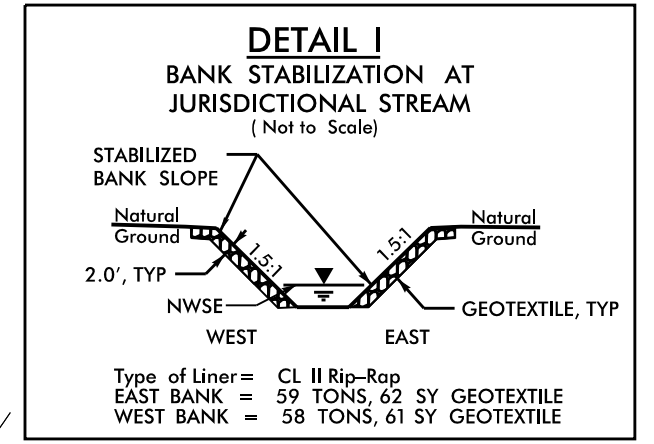
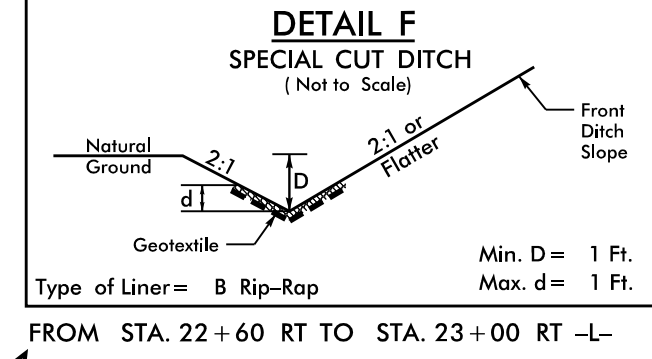
HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

-L-

PI Sta 9+75.00 Δ = 1'15" 58.0" (LT) D = 2' 31' 56.0" L = 50.00' T = 25.00' R = 2,262.66' e = EXIST.	PI Sta 12+75.03 Δ = 38' 29' 30.7" (LT) D = 1' 48' 48.8" L = 325.83' T = 169.33' R = 485.00' e = 0.04 Ro = 84' V = 35 MPH	PI Sta 21+83.73 Δ = 1' 35' 52.8" (RT) D = 0' 38' 11.8" L = 251.0' T = 125.5' R = 9,000.00' e = NC	PI Sta 11+05.82 Δ = 89' 59' 52.7" (LT) D = 95' 29' 34.7" L = 94.25' T = 60.00' R = 60.00'	PI Sta 12+44.77 Δ = 90' 00' 07.3" (LT) D = 95' 29' 34.7" L = 94.25' T = 60.00' R = 60.00'
-----------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

-Y-

PI Sta 11+70.09
Δ = 9' 12' 02.9" (RT)
D = 5' 43' 46.5"
L = 160.58'
T = 80.47'
R = 1,000.00'
e = NC



2' MINIMUM PLANTER WIDTH BETWEEN BACK OF CURB AND SIDEWALK
-Y- TURNOUT RADII = 32'
SEE SHEET NO. 5 FOR -L-, -Y-, -DRI- AND -GWY- PROFILES
SEE SHEETS S-1 THROUGH S-27 FOR STRUCTURE SHEETS

REVISIONS

3/21/2018
2:02:50 PM
N:\Projects\B5161\RDY_PSH04