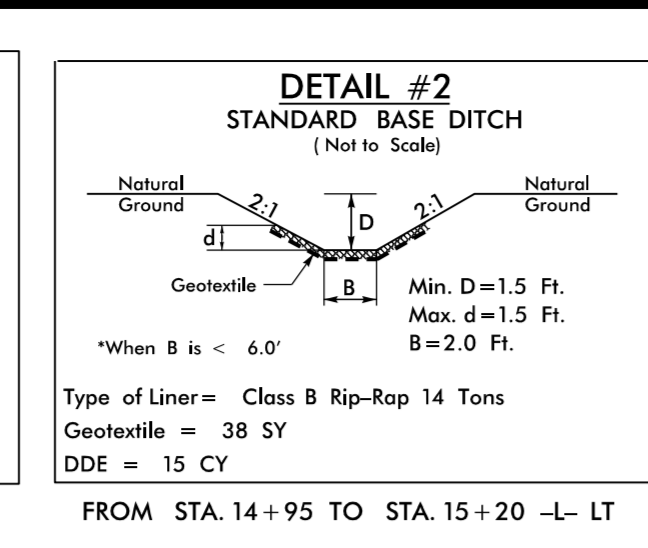
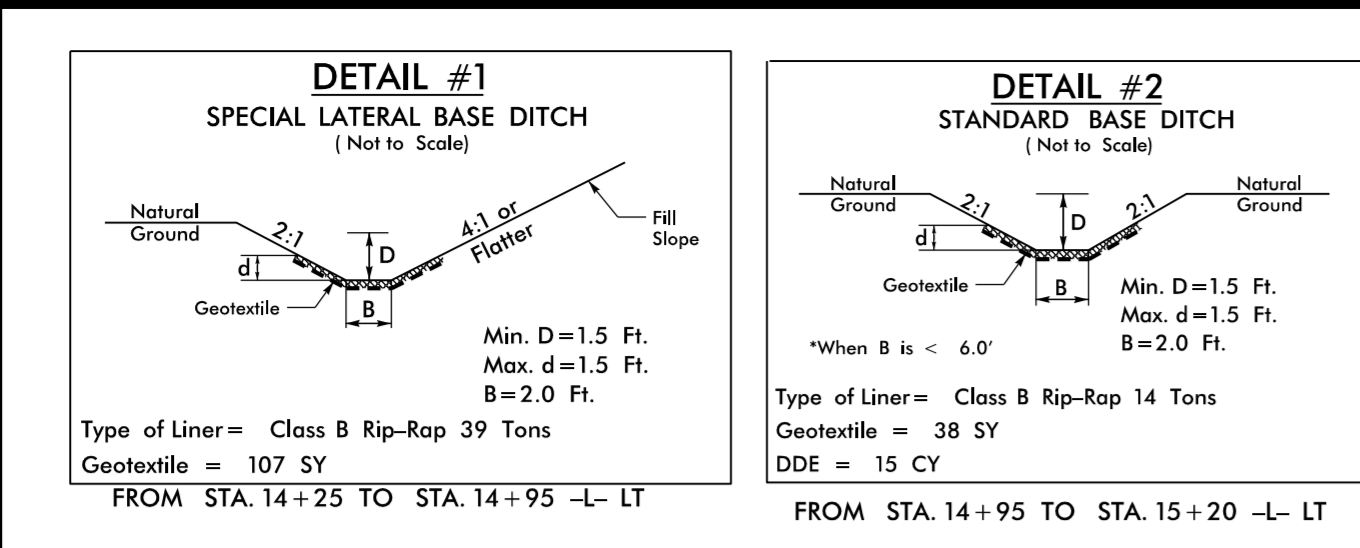


3220 GLEN ROYAL RD. RALEIGH, NC 27617  
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NC LICENSE #P-0189

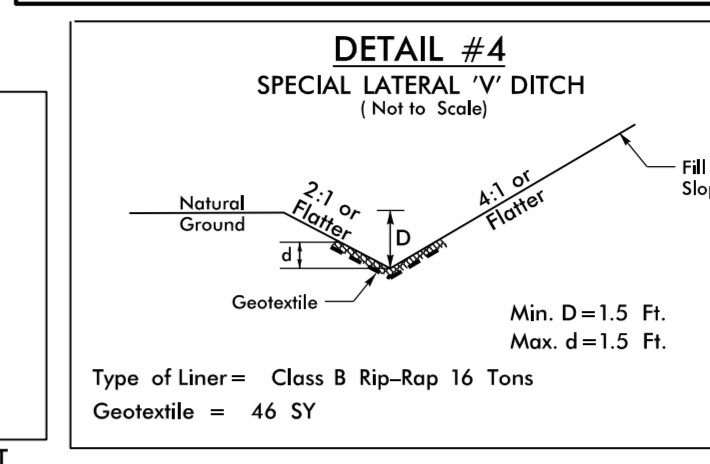
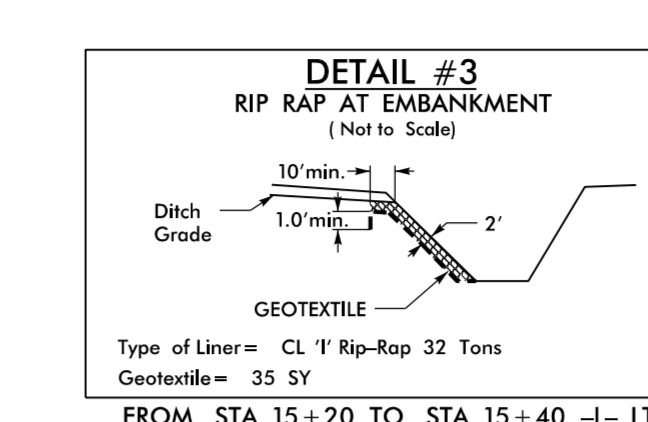
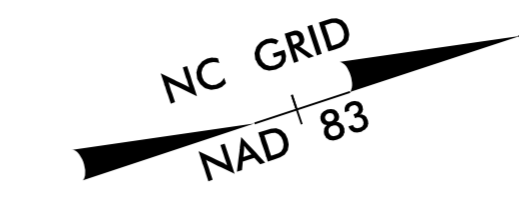
PROJECT REFERENCE NO. B-5397	SHEET NO. 4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER 12/21/2016	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-L-  
PI Sta 10+77.65  
 $\Delta = 4'52''27.9''$  (LT)  
D = 3'08'25.6"  
L = 155.21'  
T = 77.65'  
R = 1,824.45'

-L-  
PI Sta 16+97.04  
 $\Delta = 5'22''09.8''$  (RT)  
D = 2'51'53.2"  
L = 187.43'  
T = 93.78'  
R = 2,000.00'  
SE = 0.04

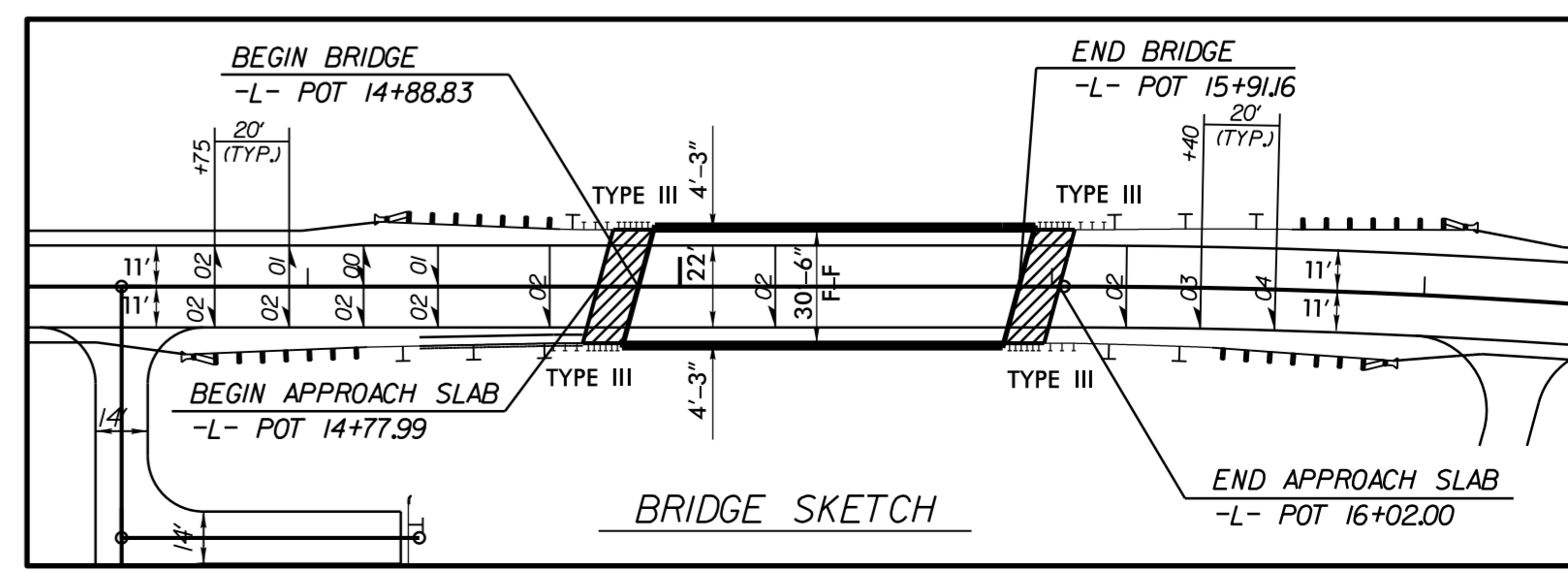
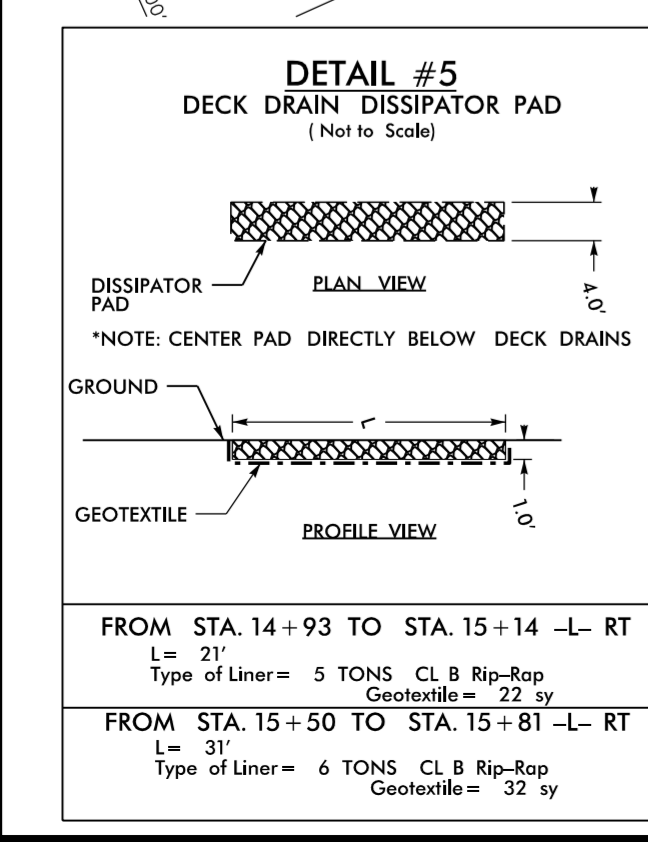
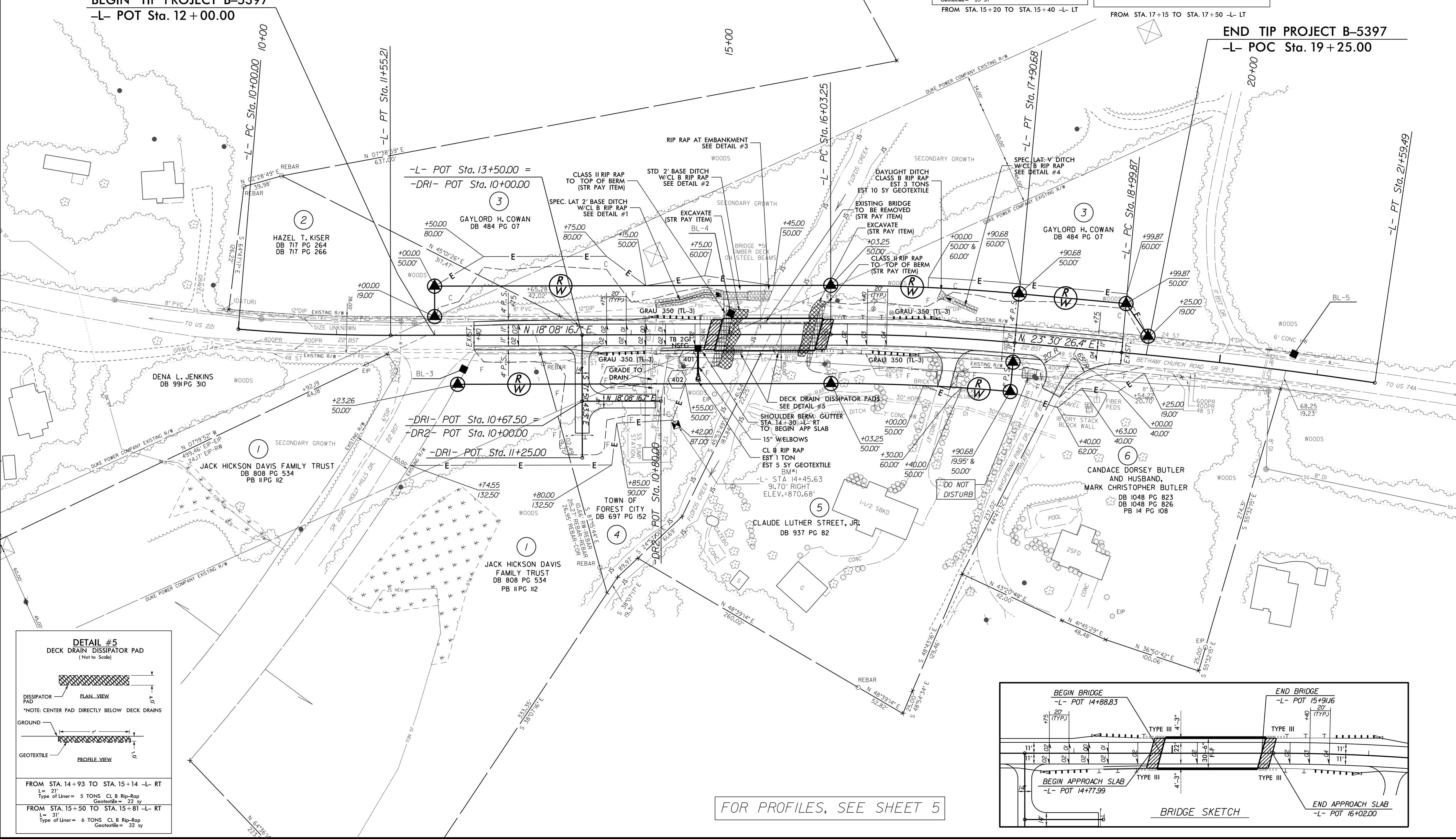
-L-  
PI Sta 20+29.72  
 $\Delta = 3'09''01.6''$  (RT)  
D = 1'12'48.6"  
L = 259.62'  
T = 129.84'  
R = 4,721.57'



BEGIN TIP PROJECT B-5397  
-L- POT Sta. 12+00.00

END TIP PROJECT B-5397  
-L- POC Sta. 19+25.00

REVISIONS



FOR PROFILES, SEE SHEET 5

R:\PROJECTS\B5397\_Rdy\_psh\_04.dgn  
12/8/2016 10:53:37 AM