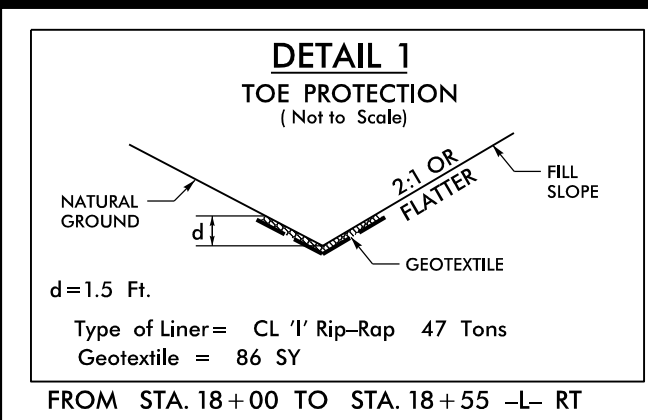


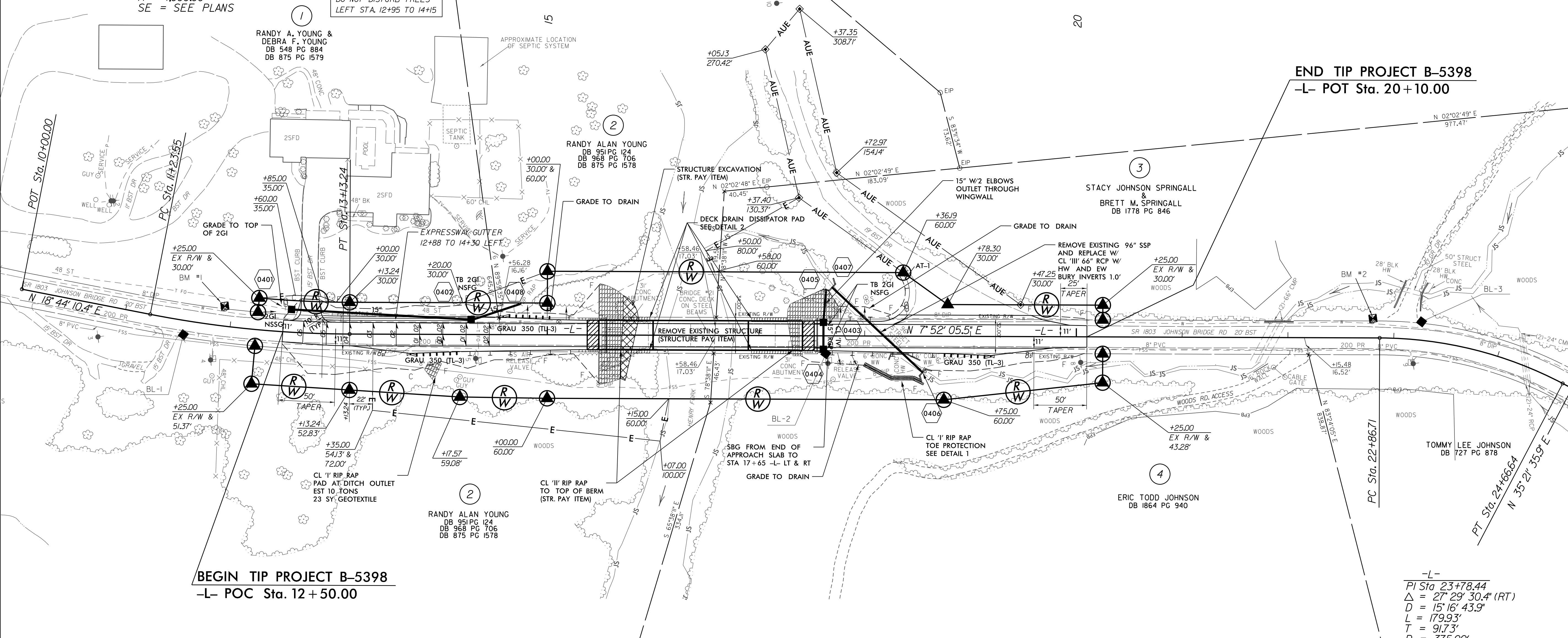
3220 GLEN ROYAL RD. RALEIGH, NC 27617
TELE 919.788.0224 FAX 919.788.0232
NC LICENSE #P-0189

| | |
|--|--------------------------------|
| PROJECT REFERENCE NO. B-5398 | SHEET NO. 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| | |
| Brian A. Allen 10/24/2016 | Joshua G. Dalton 10/24/2016 |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |



-L-
PI Sta 12+18.68
 $\Delta = 10^{\circ} 52' 04.9''$ (LT)
D = 5' 43' 46.5"
L = 189.68'
T = 95.13'
R = 1,000.00'
SE = SEE PLANS

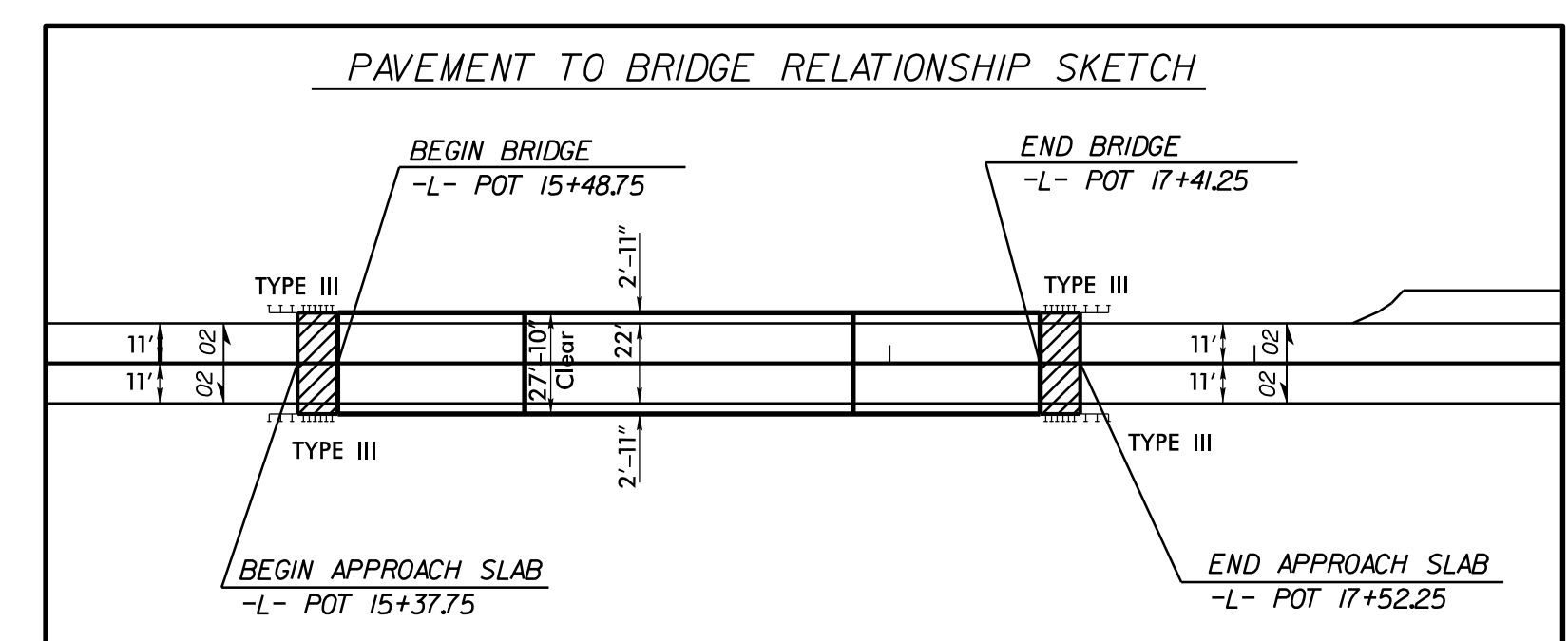
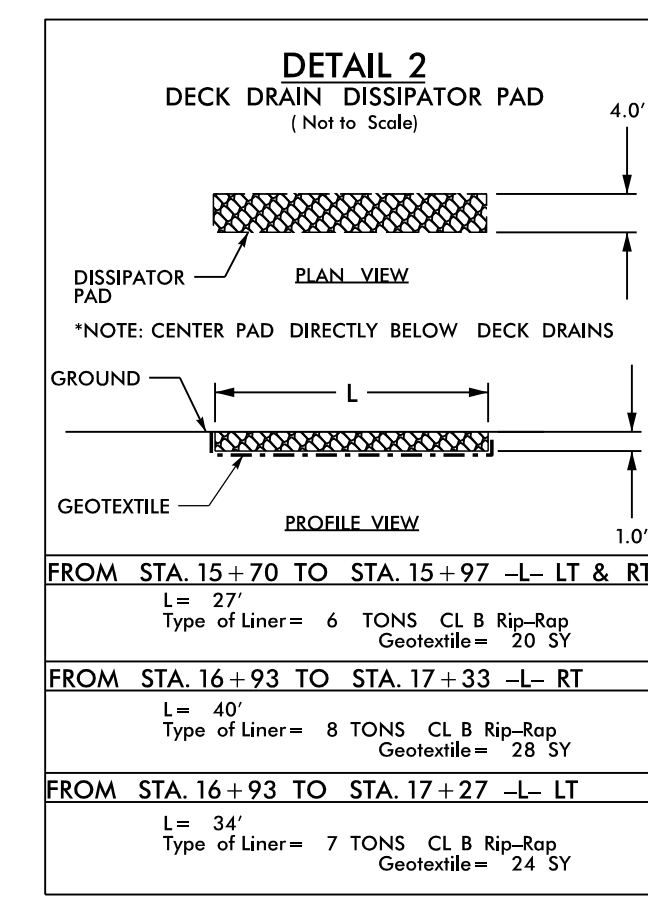
DO NOT DISTURB TREES
LEFT STA. 12+95 TO 14+15



BEGIN TIP PROJECT B-5398
-L- POC Sta. 12 + 50.00

END TIP PROJECT B-5398
-L- POT Sta. 20 + 10.00

-L-
PI Sta 23+78.44
 $\Delta = 27^{\circ} 29' 30.4''$ (RT)
D = 15' 16' 43.9"
L = 179.93'
T = 91.73'
R = 375.00'



SEE SHEET 5 FOR PROFILE
SEE SHEETS S-1 THRU S-34 FOR STRUCTURE DETAILS

10/19/2016 R:\PROJECTS\B5398_Rdy_psh_04.dgn