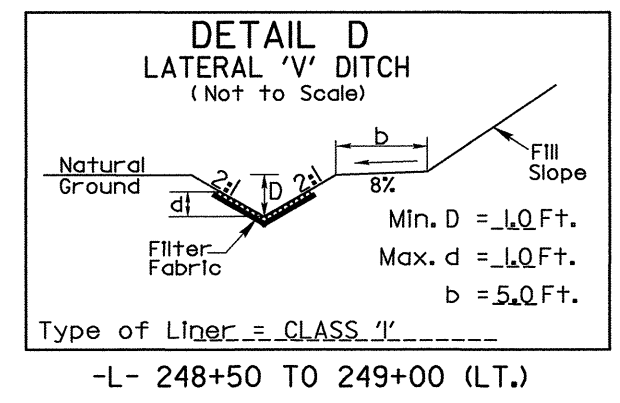
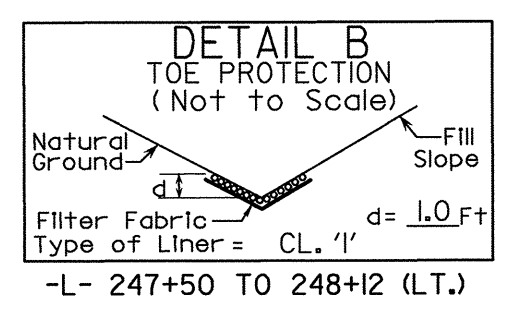
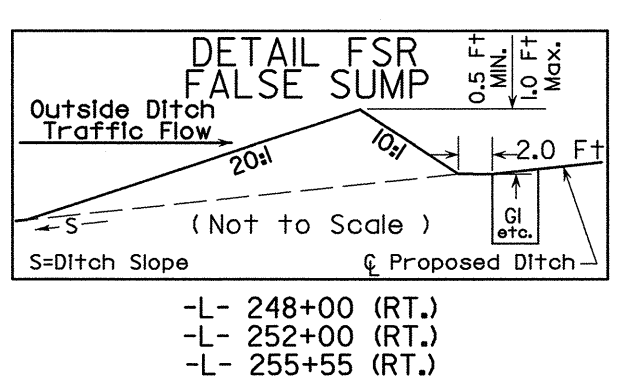
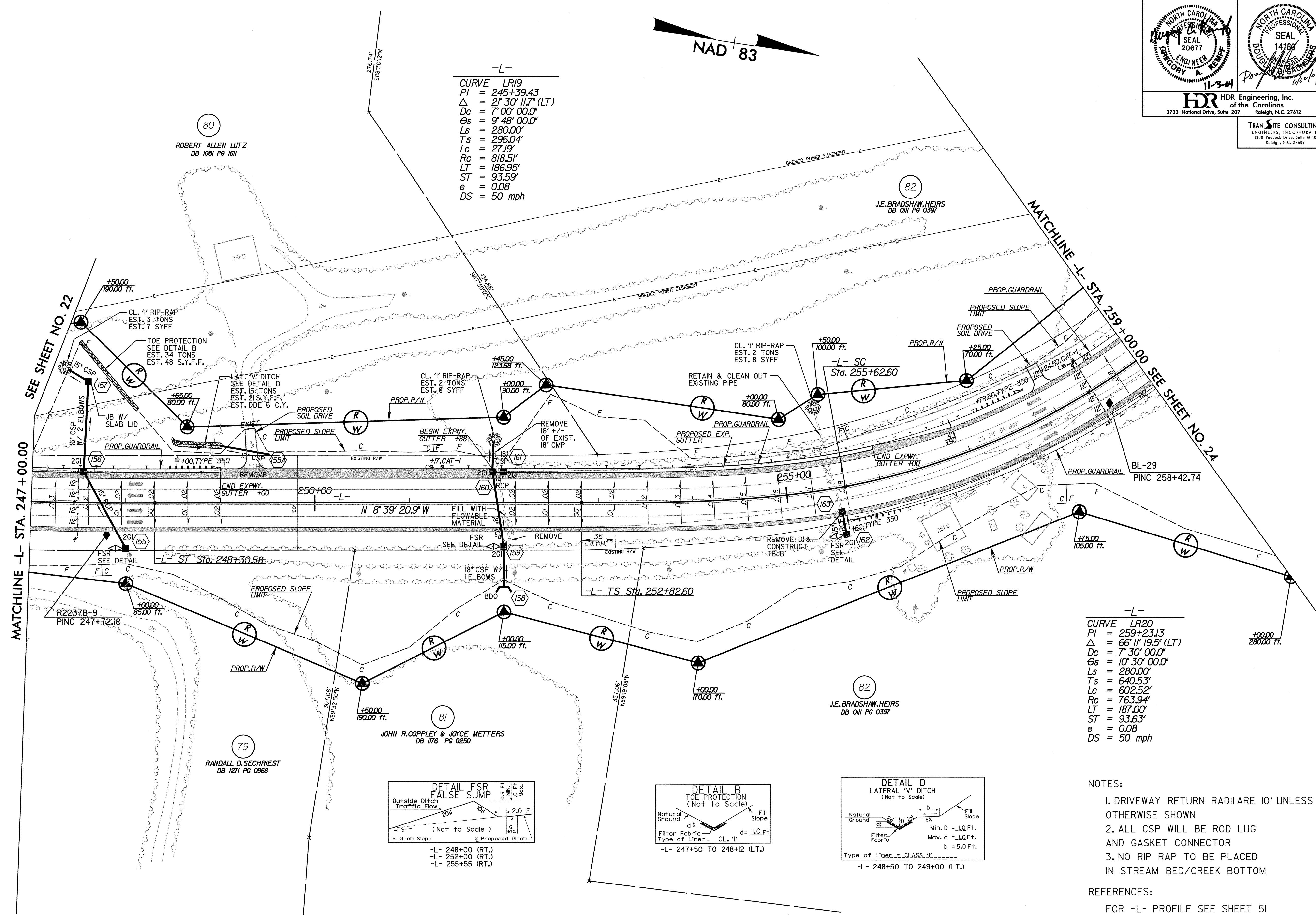


-L-  
 CURVE LR19  
 PI = 245+39.43  
 $\Delta$  = 21° 30' 11.7" (LT)  
 Dc = 7' 00" 00.0"  
 $\Theta_s$  = 9° 48' 00.0"  
 Ls = 280.00'  
 Ts = 296.04'  
 Lc = 27.19'  
 Rc = 818.51'  
 LT = 186.95'  
 ST = 93.59'  
 e = 0.08  
 DS = 50 mph

-L-  
 CURVE LR20  
 PI = 259+23.13  
 $\Delta$  = 66° 11' 19.5" (LT)  
 Dc = 7' 30" 00.0"  
 $\Theta_s$  = 10° 30' 00.0"  
 Ls = 280.00'  
 Ts = 640.53'  
 Lc = 602.52'  
 Rc = 763.94'  
 LT = 187.00'  
 ST = 93.63'  
 e = 0.08  
 DS = 50 mph



- NOTES:
1. DRIVEWAY RETURN RADII ARE 10' UNLESS OTHERWISE SHOWN
  2. ALL CSP WILL BE ROD LUG AND GASKET CONNECTOR
  3. NO RIP RAP TO BE PLACED IN STREAM BED/CREEK BOTTOM
- REFERENCES:  
 FOR -L- PROFILE SEE SHEET 51

REVISIONS

8/17/99  
 10/28/2004  
 9:57:52 AM  
 R-2237B.dwg  
 11/17/04