

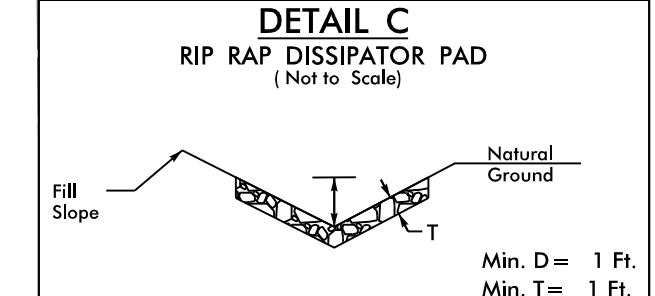
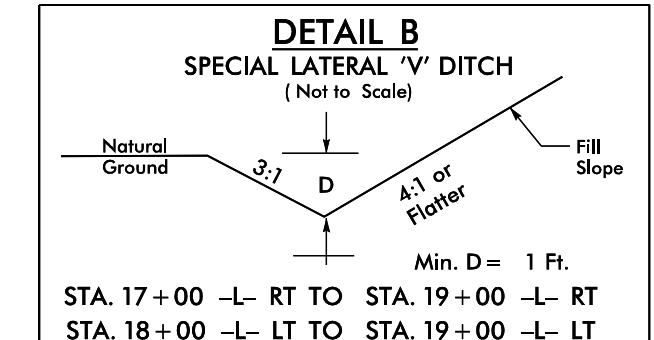
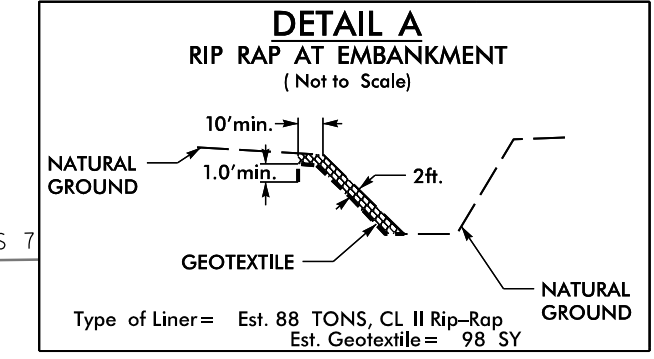
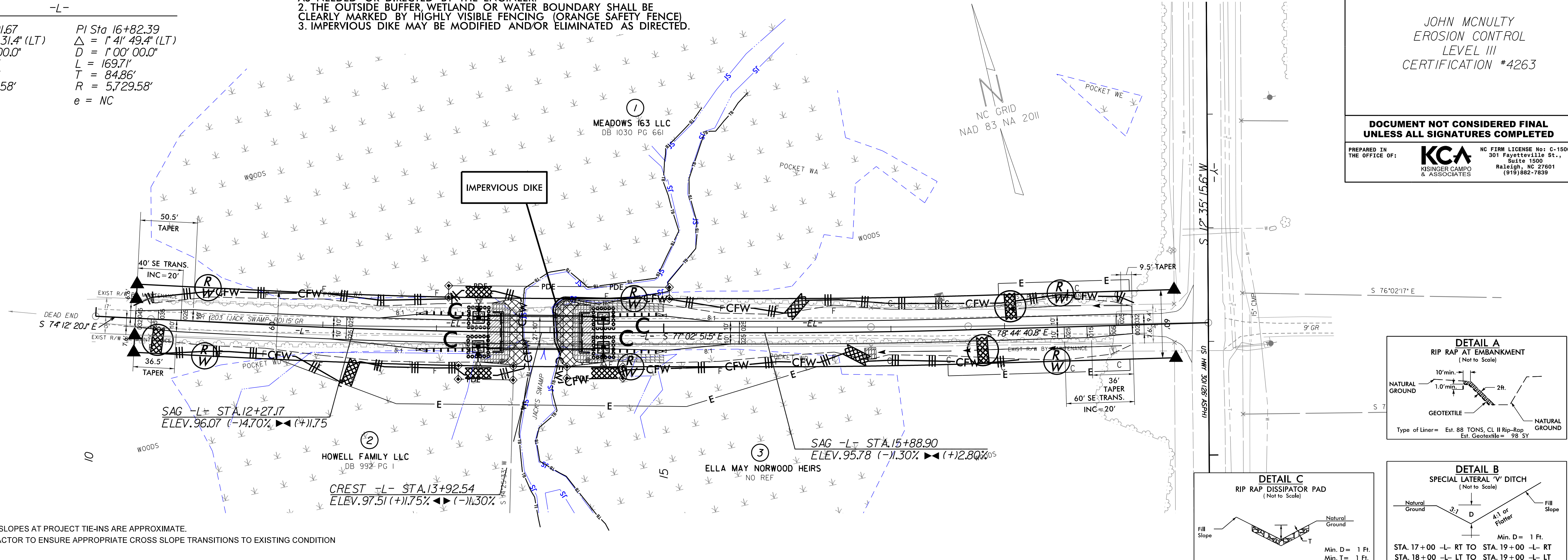
JOHN MCNULTY  
EROSION CONTROL  
LEVEL III  
CERTIFICATION #4263

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

PREPARED IN THE OFFICE OF: **KCA**  
KISINGER CAMPO & ASSOCIATES  
NC FIRM LICENSE NO. C-1508  
301 Fayetteville St., Suite 1500  
Raleigh, NC 27601  
(919)862-7839

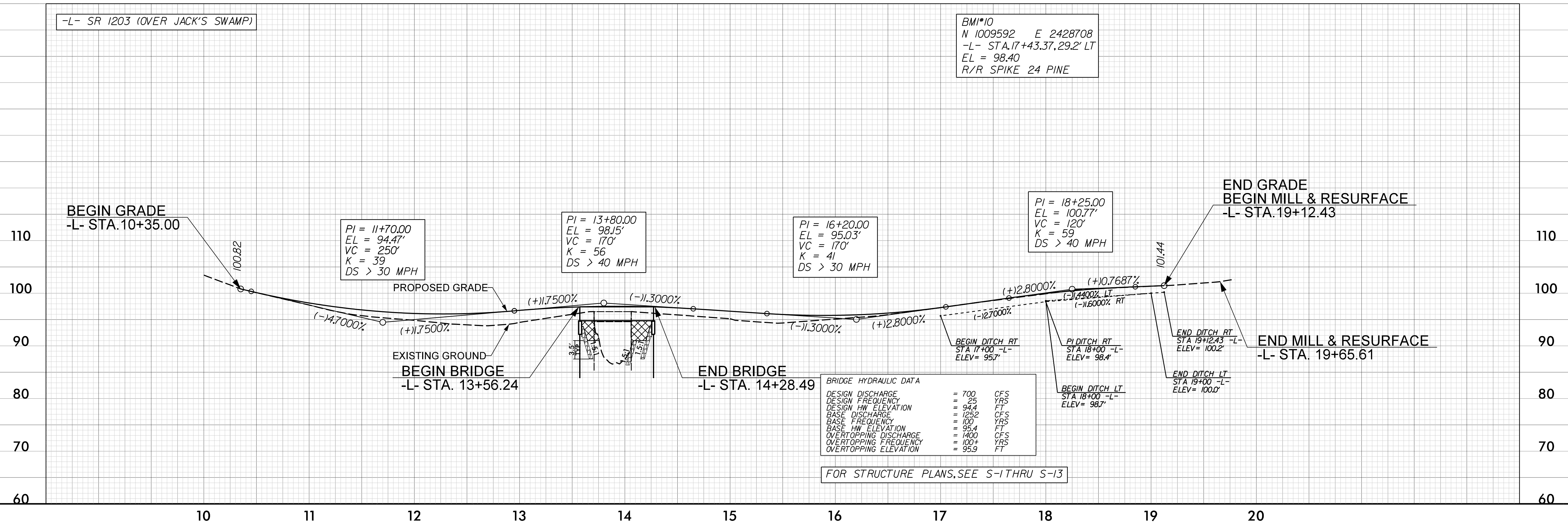
- NOTES:
1. THE CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WATTLES IN LOW AREAS OF SILT FENCE AND UNDER THE BRIDGE, AS NEEDED OR DIRECTED BY THE ENGINEER.
  2. THE OUTSIDE BUFFER WETLAND OR WATER BOUNDARY SHALL BE CLEARLY MARKED BY HIGHLY VISIBLE FENCING (ORANGE SAFETY FENCE).
  3. IMPERVIOUS DIKE MAY BE MODIFIED AND/OR ELIMINATED AS DIRECTED.

-L-  
 PI Sta 12+91.67      PI Sta 16+82.39  
 $\Delta = 2'50"31.4"$  (LT)       $\Delta = 1'41"49.4"$  (LT)  
 $D = 1'00"00.0"$        $D = 1'00"00.0"$   
 $L = 284.21'$        $L = 169.71'$   
 $T = 142.13'$        $T = 84.86'$   
 $R = 5,729.58'$        $R = 5,729.58'$   
 $e = NC$        $e = NC$



-L- SR 1203 (OVER JACK'S SWAMP)

BMI#10  
N 1009592 E 2428708  
-L- STA. 17+43.37, 29.2' LT  
EL = 98.40  
R/R SPIKE 24 PINE



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 700	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 94.4	FT
BASE DISCHARGE	= 1252	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 95.4	FT
OVERTOPPING DISCHARGE	= 1400	CFS
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING ELEVATION	= 95.9	FT

FOR STRUCTURE PLANS, SEE S-1 THRU S-13

REVISIONS

12-FEB-2020, 14:23  
 G:\4201720\XX\SWU-Build Grant\BR-0118.D\Northampton 93\Hydraulics\CADD\EROSION CONTROL\BR-0118\_EC\_psh.dgn  
 8/17/99  
 KCA07/3