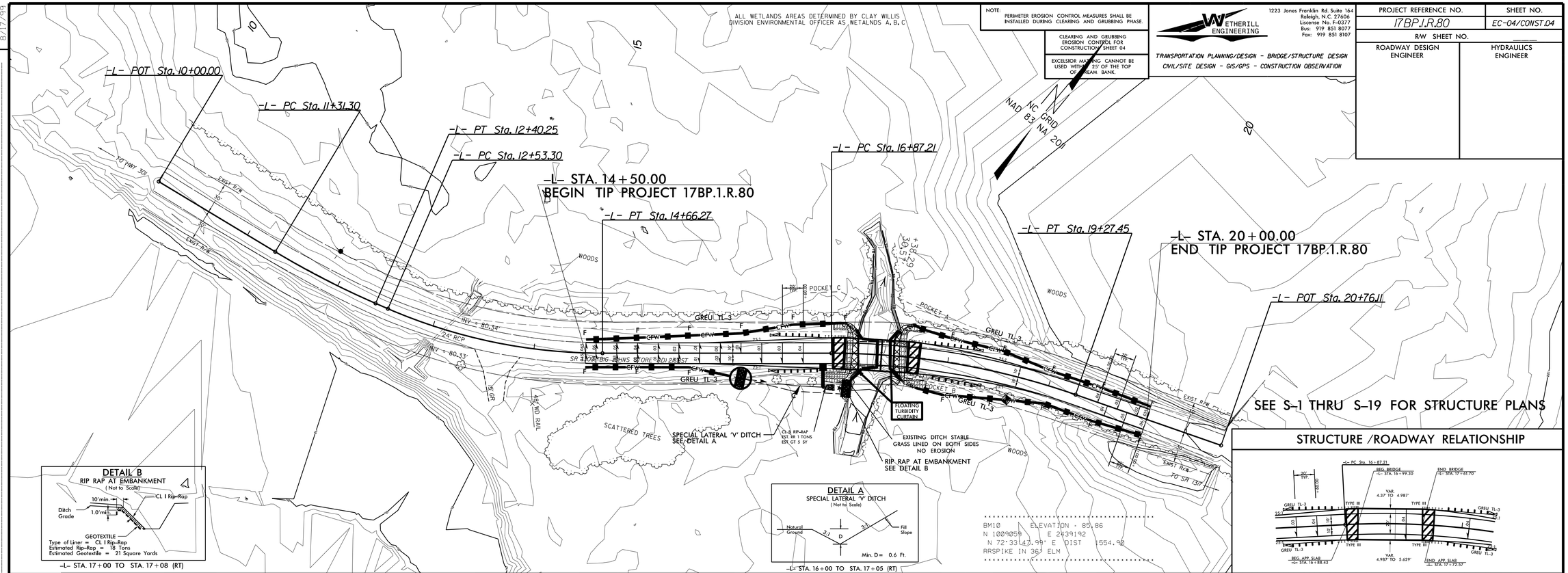
NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 04

EXCELSIOR MATTING CANNOT BE USED WITHIN 25' OF THE TOP OF STREAM BANK.

WETHERILL ENGINEERING
1223 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
Liscense No. F-0277
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.80	EC-04/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



DETAIL B
RIP RAP AT EMBANKMENT
(Not to Scale)

GEOTEXTILE —
Type of Liner = CL I Rip-Rap
Estimated Rip-Rap = 18 Tons
Estimated Geotextile = 21 Square Yards

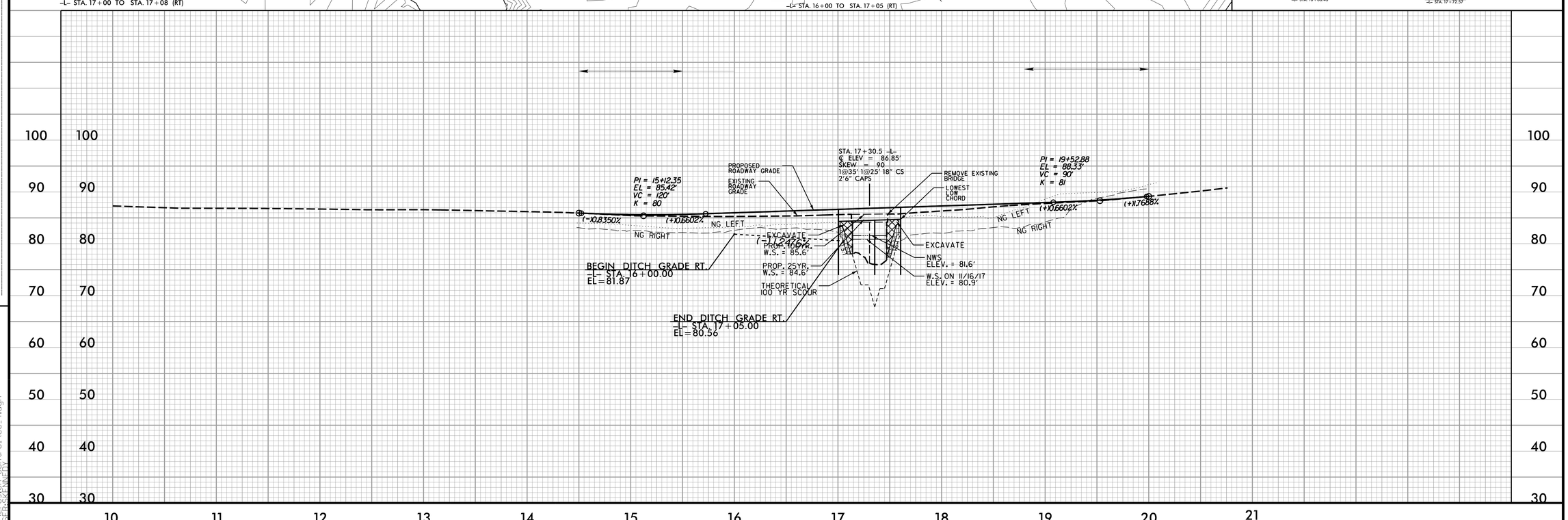
-L- STA. 17+00 TO STA. 17+08 (RT)

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)

Min. D = 0.6 Ft.

-L- STA. 16+00 TO STA. 17+05 (RT)

STRUCTURE /ROADWAY RELATIONSHIP



REVISIONS

8/17/99

8/23/2018
R:\Structures\Control\ec_4.dgn
USER:KPINFDY