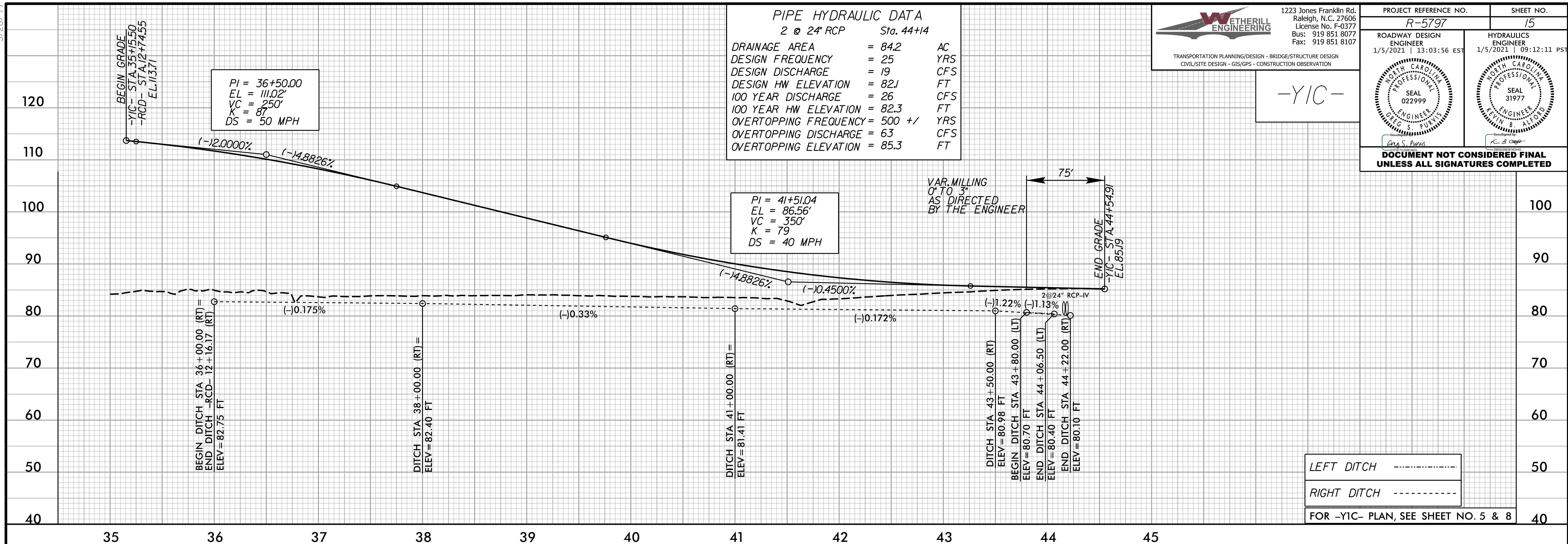


5/28/2020

12/9/2020 8:57:97 -Redy_PSH_15_PFL.dgn



PIPE HYDRAULIC DATA
2 @ 24" RCP Sta. 44+14

DRAINAGE AREA	= 84.2	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 19	CFS
DESIGN HW ELEVATION	= 82.1	FT
100 YEAR DISCHARGE	= 26	CFS
100 YEAR HW ELEVATION	= 82.3	FT
OVERTOPPING FREQUENCY	= 500 +/-	YRS
OVERTOPPING DISCHARGE	= 63	CFS
OVERTOPPING ELEVATION	= 85.3	FT

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	R-5797	SHEET NO.	15
ROADWAY DESIGN ENGINEER	1/5/2021 1:09:12:11 PM EST	HYDRAULICS ENGINEER	1/5/2021 1:09:12:11 PM EST

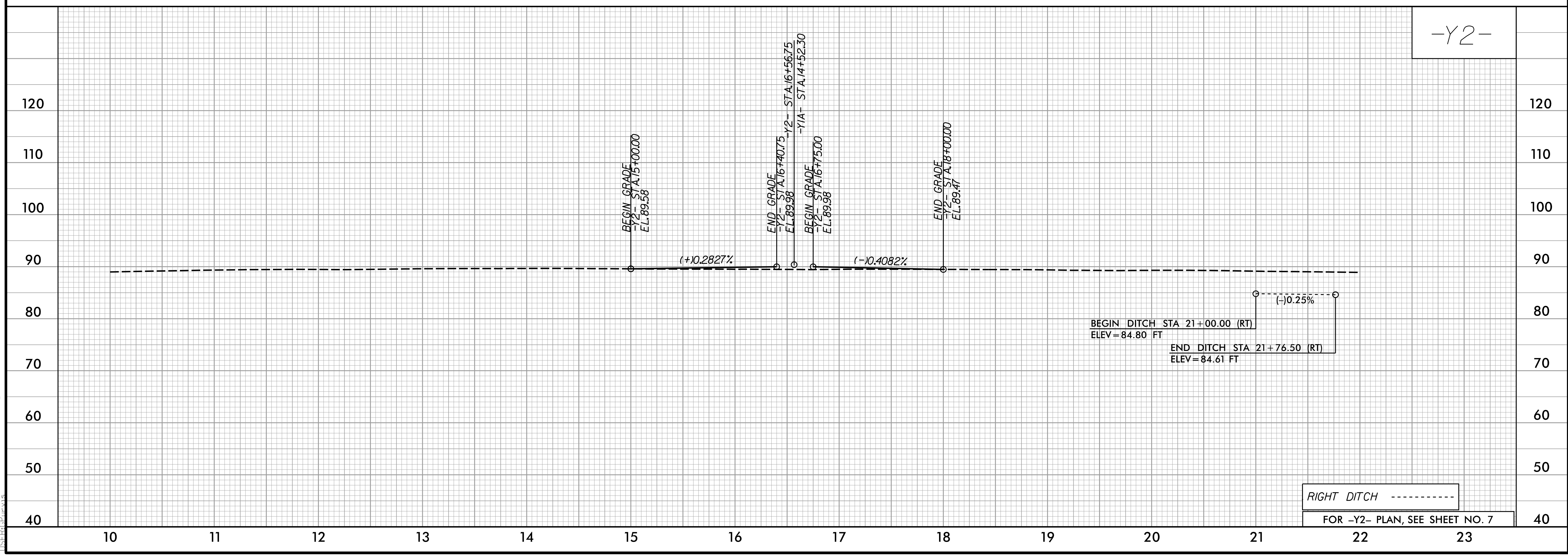
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y1C-

LEFT DITCH -----

RIGHT DITCH -----

FOR -Y1C- PLAN, SEE SHEET NO. 5 & 8



-Y2-

RIGHT DITCH -----

FOR -Y2- PLAN, SEE SHEET NO. 7