

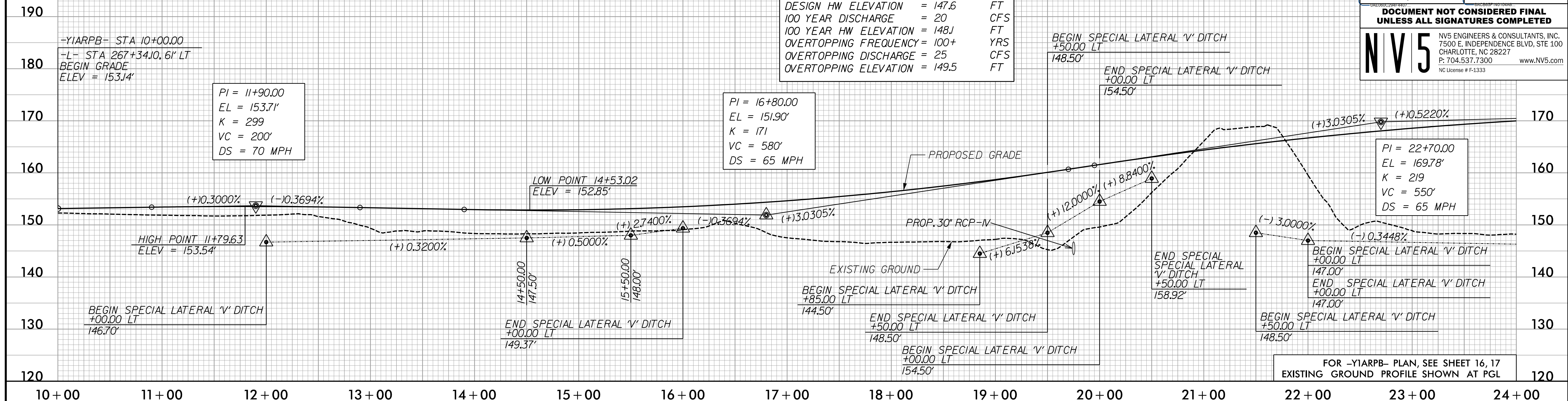
5/28/2022

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

-Y1ARPB-

PIPE HYDRAULIC DATA		
-Y1ARPB- Sta. 19+77 30" RCP-N		
DRAINAGE AREA	= 4.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 18	CFS
DESIGN HW ELEVATION	= 147.6	FT
100 YEAR DISCHARGE	= 20	CFS
100 YEAR HW ELEVATION	= 148.1	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 25	CFS
OVERTOPPING ELEVATION	= 149.5	FT

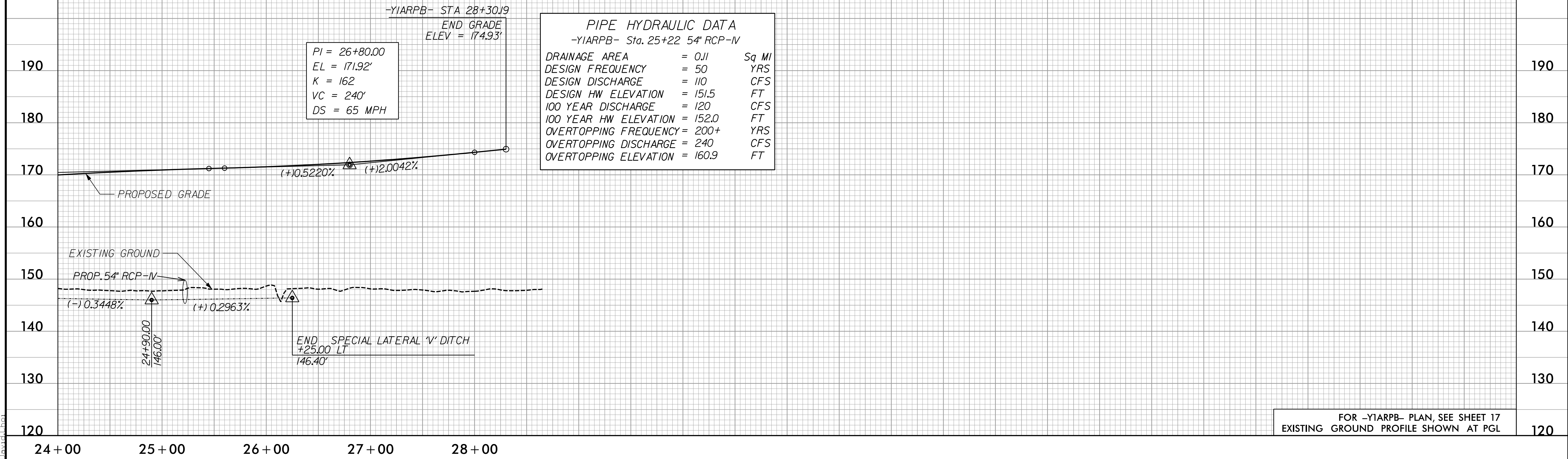
PROJECT REFERENCE NO. 1-5987A	SHEET NO. 85
ROADWAY DESIGN ENGINEER 5/18/2022	HYDRAULICS ENGINEER 5/19/2022
DocuSigned by: Steve Anthony Dean	DocuSigned by: Will Mathersne
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DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

-Y1ARPB-

PIPE HYDRAULIC DATA		
-Y1ARPB- Sta. 25+22 54" RCP-N		
DRAINAGE AREA	= 0.11	Sq MI
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 110	CFS
DESIGN HW ELEVATION	= 151.5	FT
100 YEAR DISCHARGE	= 120	CFS
100 YEAR HW ELEVATION	= 152.0	FT
OVERTOPPING FREQUENCY	= 200+	YRS
OVERTOPPING DISCHARGE	= 240	CFS
OVERTOPPING ELEVATION	= 160.9	FT



FOR -Y1ARPB- PLAN, SEE SHEET 16, 17
EXISTING GROUND PROFILE SHOWN AT PGL

3/10/2022
P:\Projects\15987A_RDY_PSH_PFL_85.dgn
David