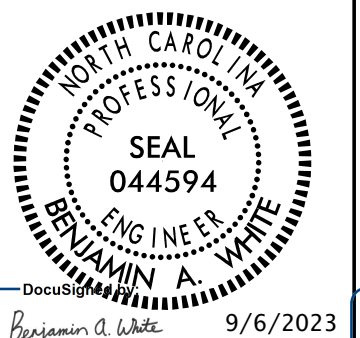
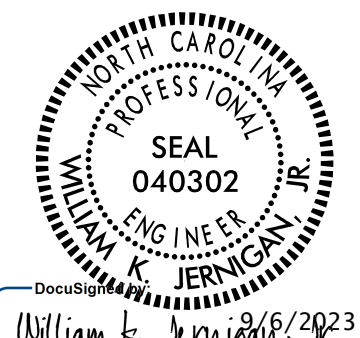


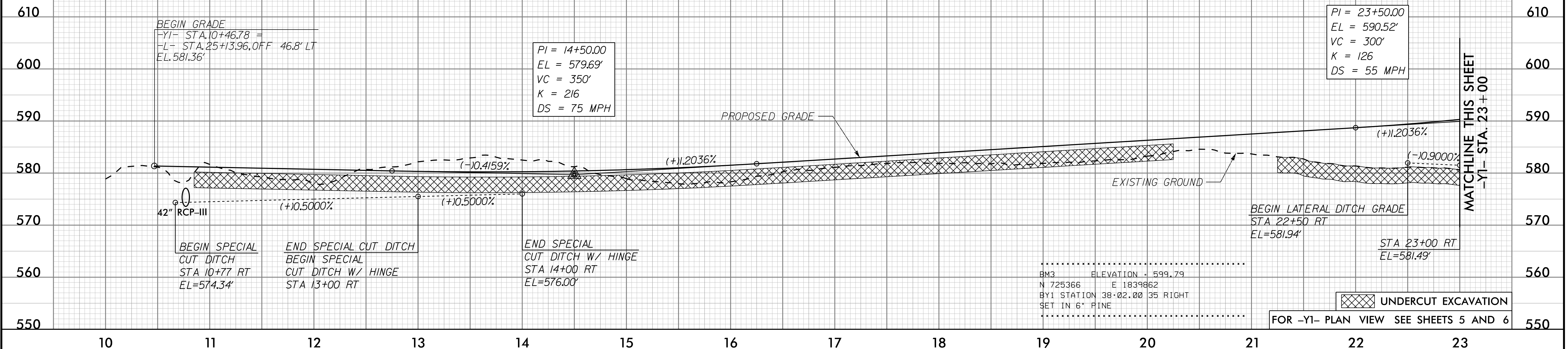
5/28/2023

PROJECT REFERENCE NO. <b>HE-0011</b>	SHEET NO. <b>9</b>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**PIPE HYDRAULIC DATA**  
-Y1- STA.10+77 42" RCP

DESIGN DISCHARGE	= 56	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 576.4	FT
BASE DISCHARGE	= 60	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 576.5	FT
OVERTOPPING DISCHARGE	= 110	CFS
OVERTOPPING FREQUENCY	> 500	YRS
OVERTOPPING ELEVATION	= 580.63	FT

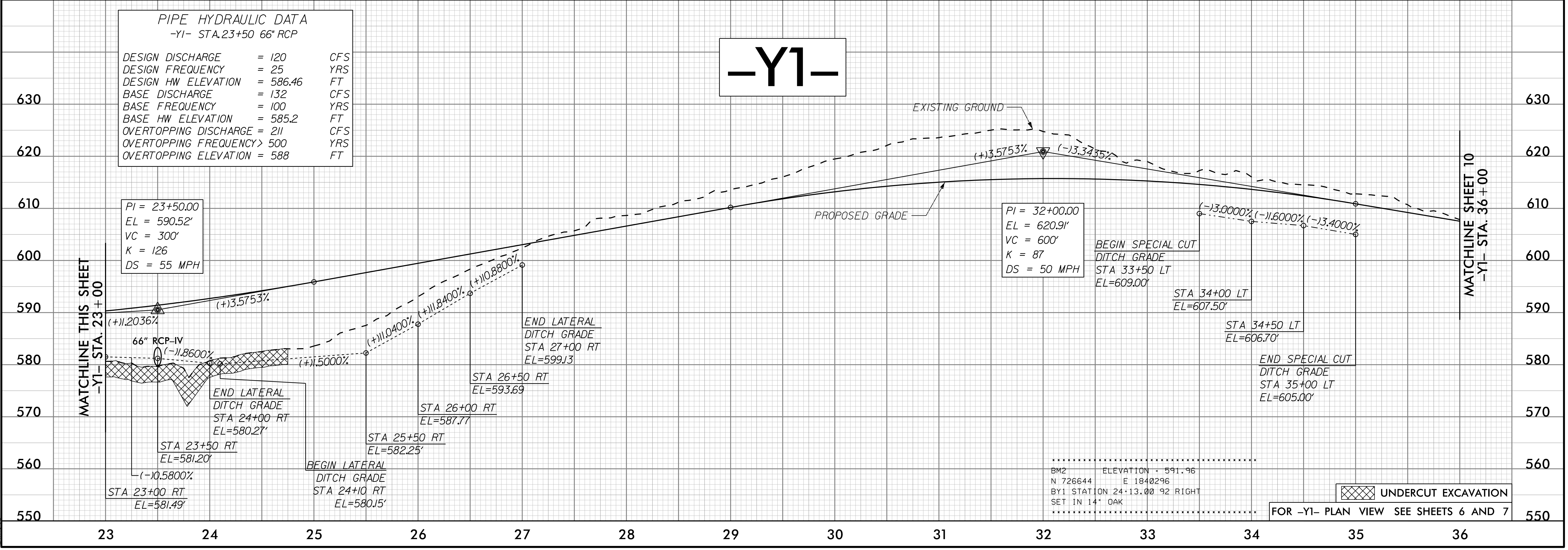
**-Y1-**



**PIPE HYDRAULIC DATA**  
-Y1- STA.23+50 66" RCP

DESIGN DISCHARGE	= 120	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 586.46	FT
BASE DISCHARGE	= 132	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 585.2	FT
OVERTOPPING DISCHARGE	= 211	CFS
OVERTOPPING FREQUENCY	> 500	YRS
OVERTOPPING ELEVATION	= 588	FT

**-Y1-**



8/25/2023  
c:\pwworking\gfpw01\bwhtea\1551332\HE-0011-rdy.plt109.dgn