

5/28/99

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



PROJECT REFERENCE NO.	
U-4751	
SHEET NO.	
52	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

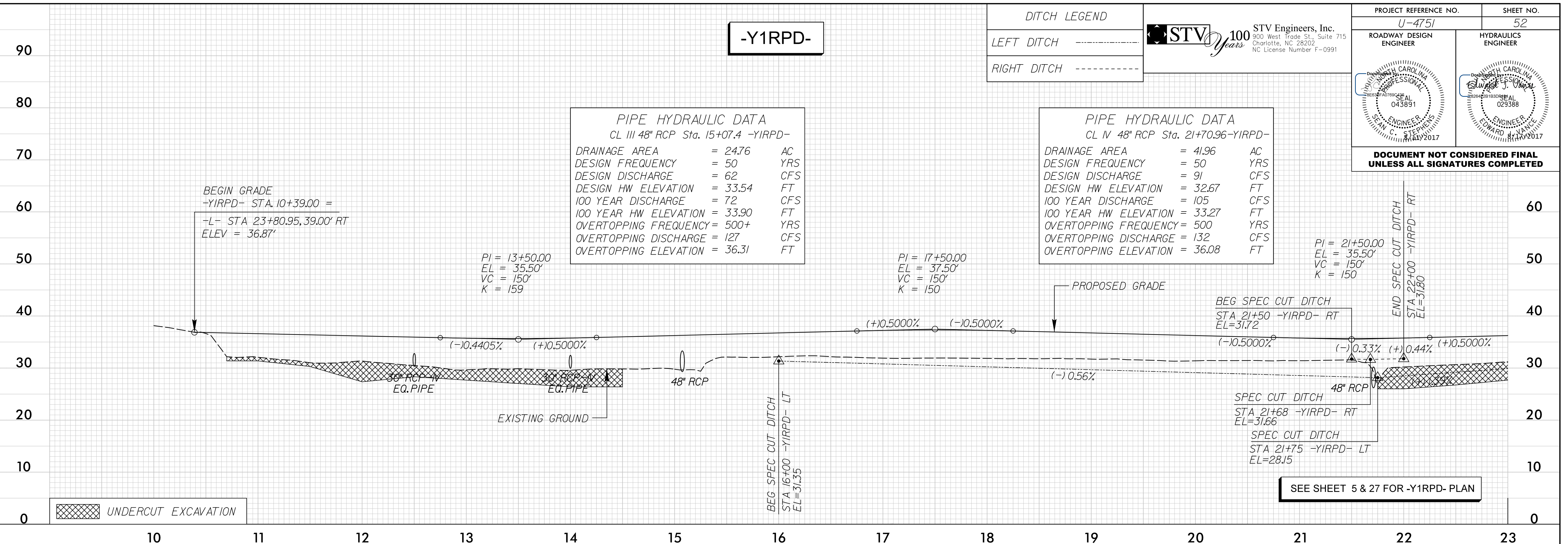
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PIPE HYDRAULIC DATA
CL III 48" RCP Sta. 15+07.4 -YIRPD-

DRAINAGE AREA	= 24.76	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 62	CFS
DESIGN HW ELEVATION	= 33.54	FT
100 YEAR DISCHARGE	= 72	CFS
100 YEAR HW ELEVATION	= 33.90	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 127	CFS
OVERTOPPING ELEVATION	= 36.31	FT

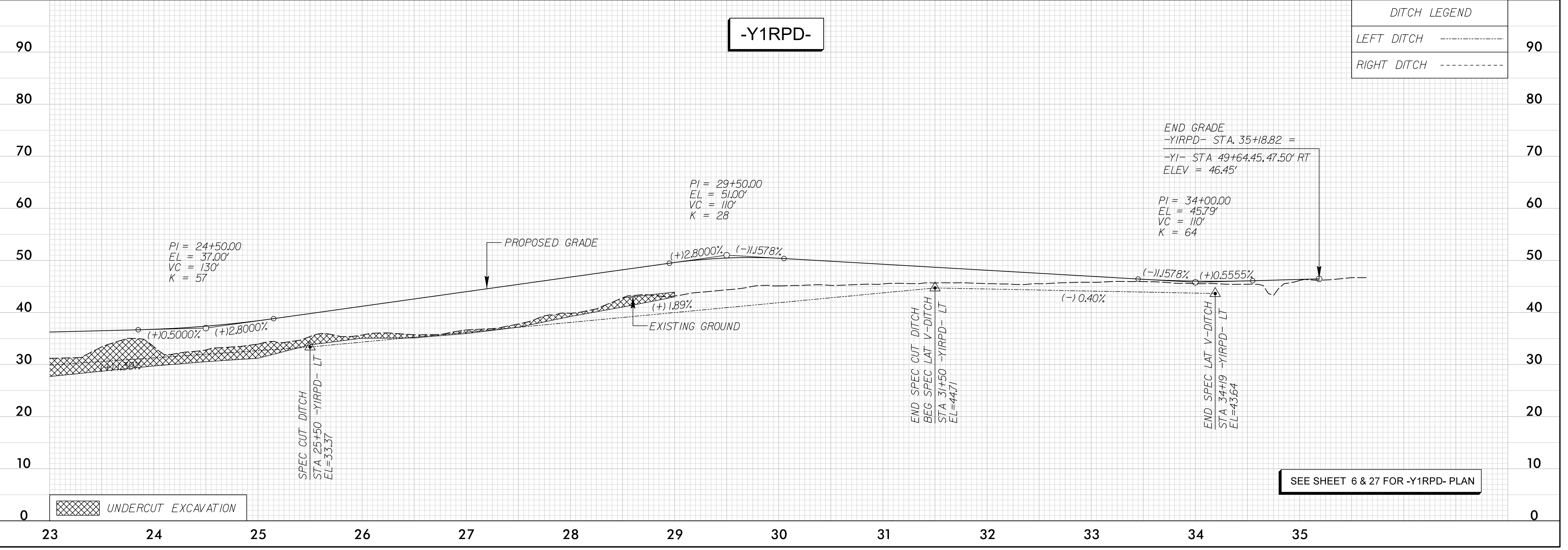
PIPE HYDRAULIC DATA
CL IV 48" RCP Sta. 21+70.96 -YIRPD-

DRAINAGE AREA	= 41.96	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 91	CFS
DESIGN HW ELEVATION	= 32.67	FT
100 YEAR DISCHARGE	= 105	CFS
100 YEAR HW ELEVATION	= 33.27	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 132	CFS
OVERTOPPING ELEVATION	= 36.08	FT



SEE SHEET 5 & 27 FOR -Y1RPD- PLAN

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



SEE SHEET 6 & 27 FOR -Y1RPD- PLAN

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