

5/28/99

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.

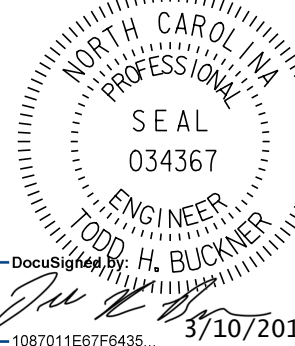
U-3109A

SHEET NO.

47

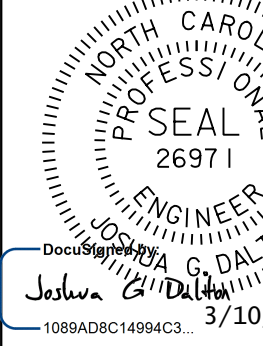
ROADWAY DESIGN

ENGINEER



HYDRAULICS

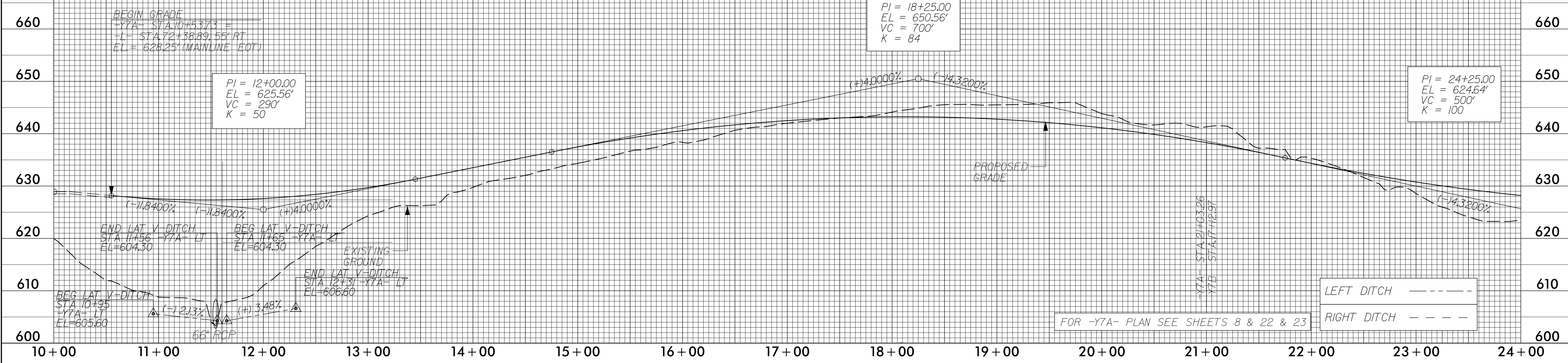
ENGINEER



PIPE HYDRAULIC DATA
CL III 66" RCP Sta. 11+54.53 -Y7A-

DRAINAGE AREA	= 86.7	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 150	CFS
DESIGN HW ELEVATION	= 609.4	FT
100 YEAR DISCHARGE	= 240	CFS
100 YEAR HW ELEVATION	= 612.3	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 525	CFS
OVERTOPPING ELEVATION	= 628.9	FT

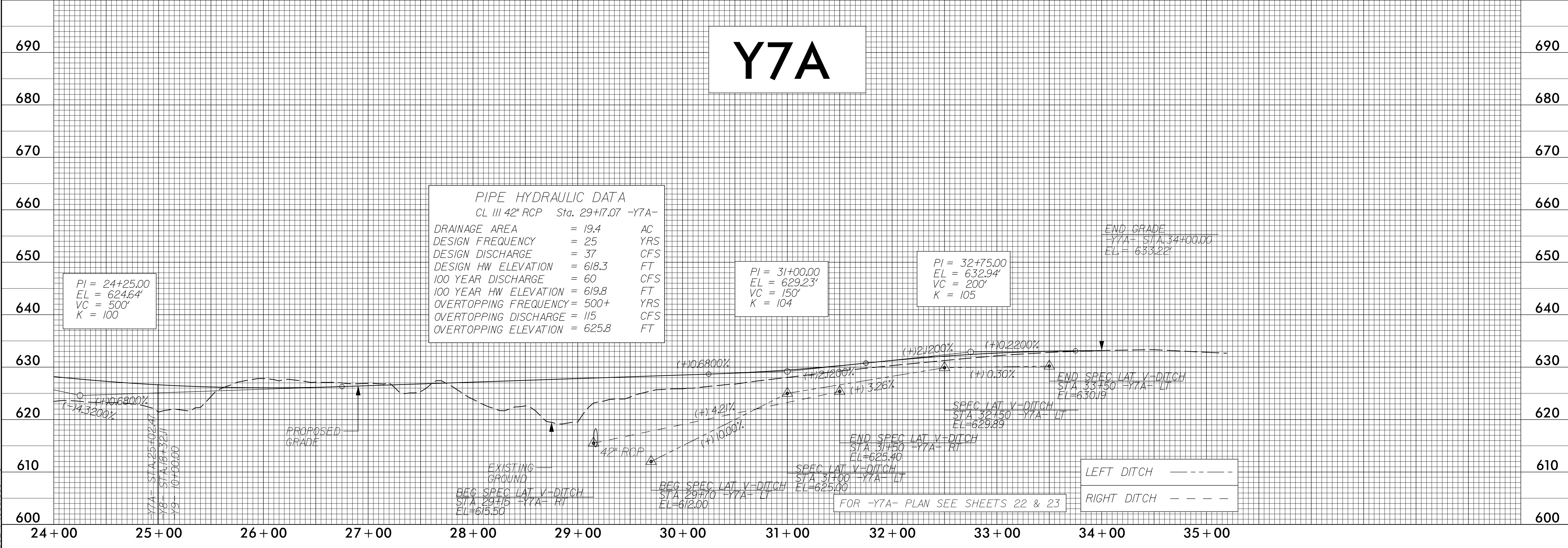
Y7A



PIPE HYDRAULIC DATA
CL III 42" RCP Sta. 29+17.07 -Y7A-

DRAINAGE AREA	= 19.4	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 37	CFS
DESIGN HW ELEVATION	= 618.3	FT
100 YEAR DISCHARGE	= 60	CFS
100 YEAR HW ELEVATION	= 619.8	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 115	CFS
OVERTOPPING ELEVATION	= 625.8	FT

Y7A



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User: t.dalton