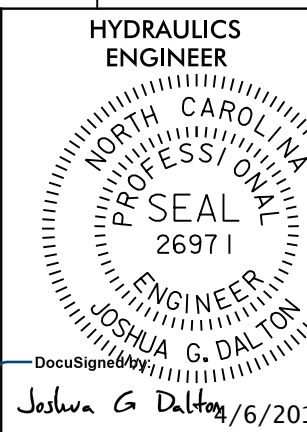
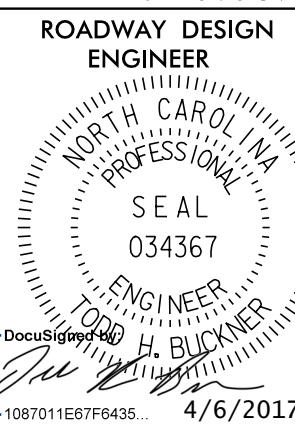


5/28/99

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.
U-3109A

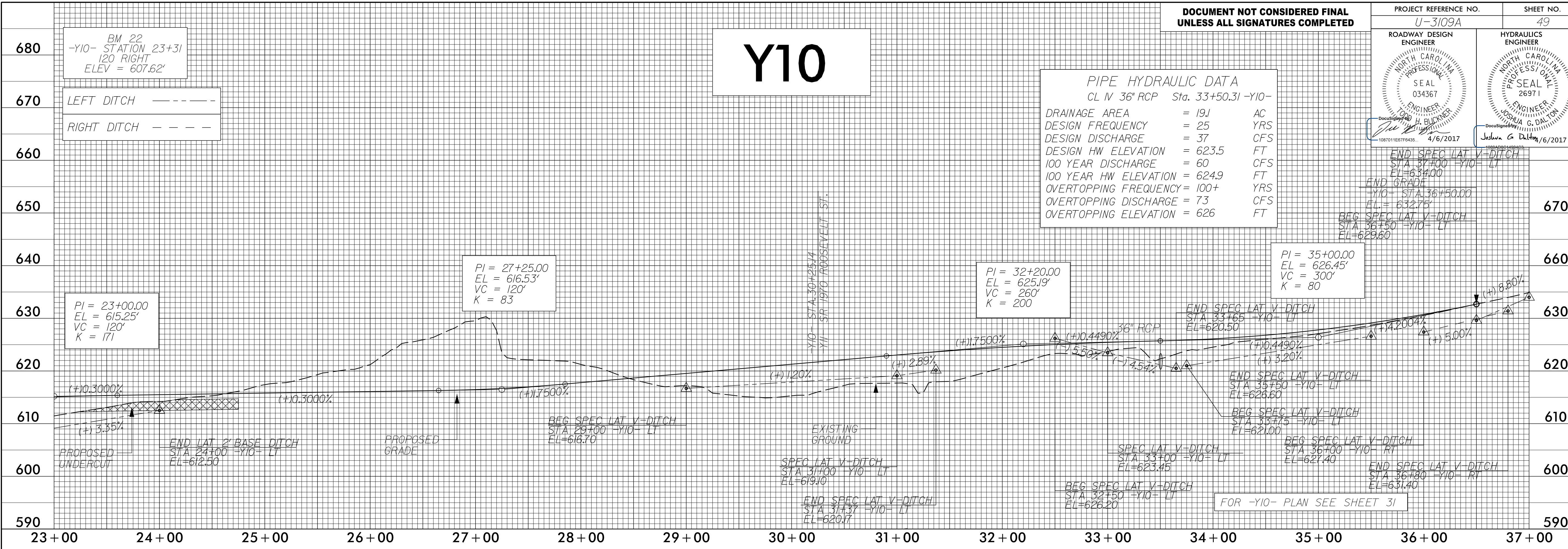
SHEET NO.
49



Y10

PIPE HYDRAULIC DATA
CL N 36" RCP Sta. 33+50.31 -Y10-

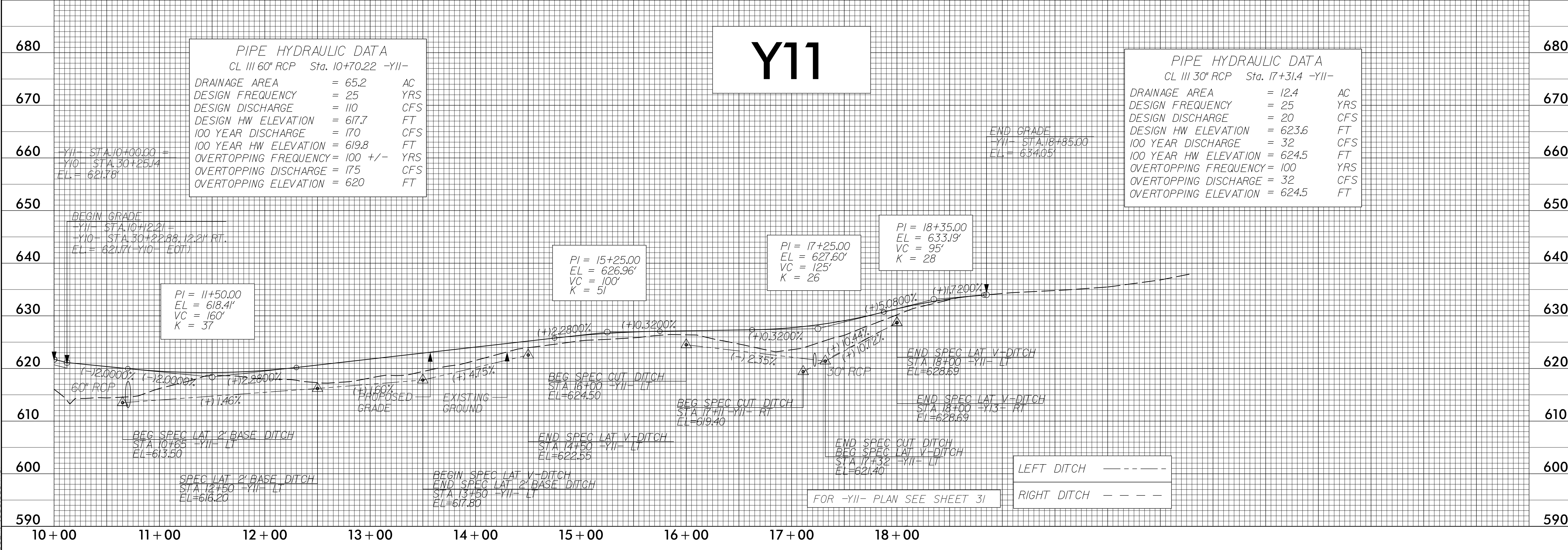
DRAINAGE AREA	= 19J	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 37	CFS
DESIGN HW ELEVATION	= 623.5	FT
100 YEAR DISCHARGE	= 60	CFS
100 YEAR HW ELEVATION	= 624.9	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 73	CFS
OVERTOPPING ELEVATION	= 626	FT



Y11

PIPE HYDRAULIC DATA
CL III 30" RCP Sta. 17+31.4 -Y11-

DRAINAGE AREA	= 12.4	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 110	CFS
DESIGN HW ELEVATION	= 617.7	FT
100 YEAR DISCHARGE	= 170	CFS
100 YEAR HW ELEVATION	= 619.8	FT
OVERTOPPING FREQUENCY	= 100 +/-	YRS
OVERTOPPING DISCHARGE	= 175	CFS
OVERTOPPING ELEVATION	= 620	FT



4/3/2017 10:25:24 AM
R:\Roadway\Projects\U3109A_rdu\PL_Y_LINES_SHEETS.dgn
User: jrbuckner