

DITCH GRADES

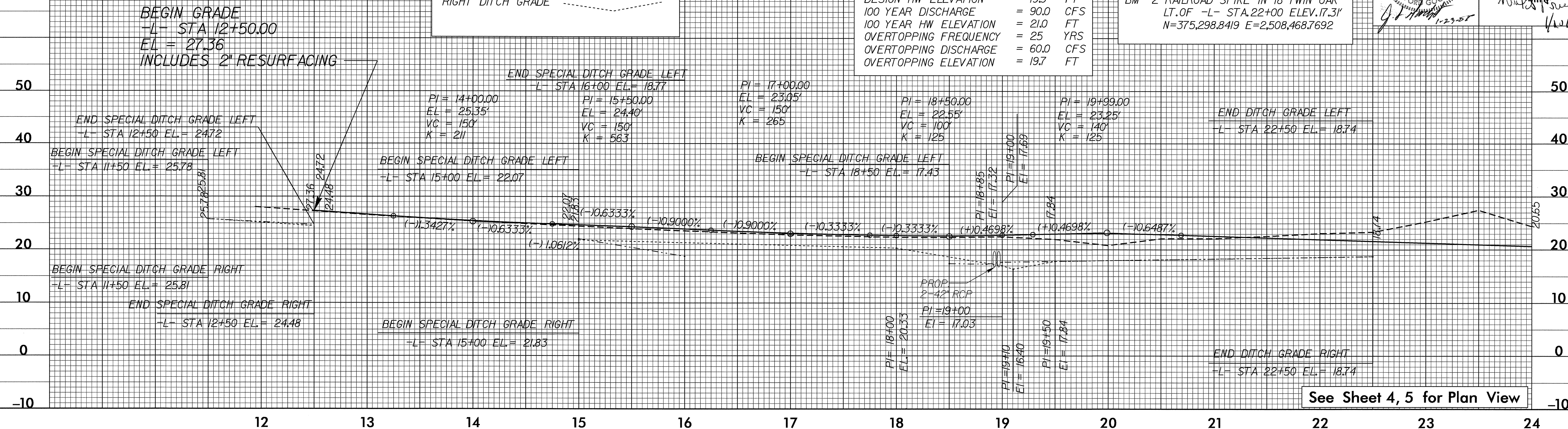
LEFT DITCH GRADE

RIGHT DITCH GRADE

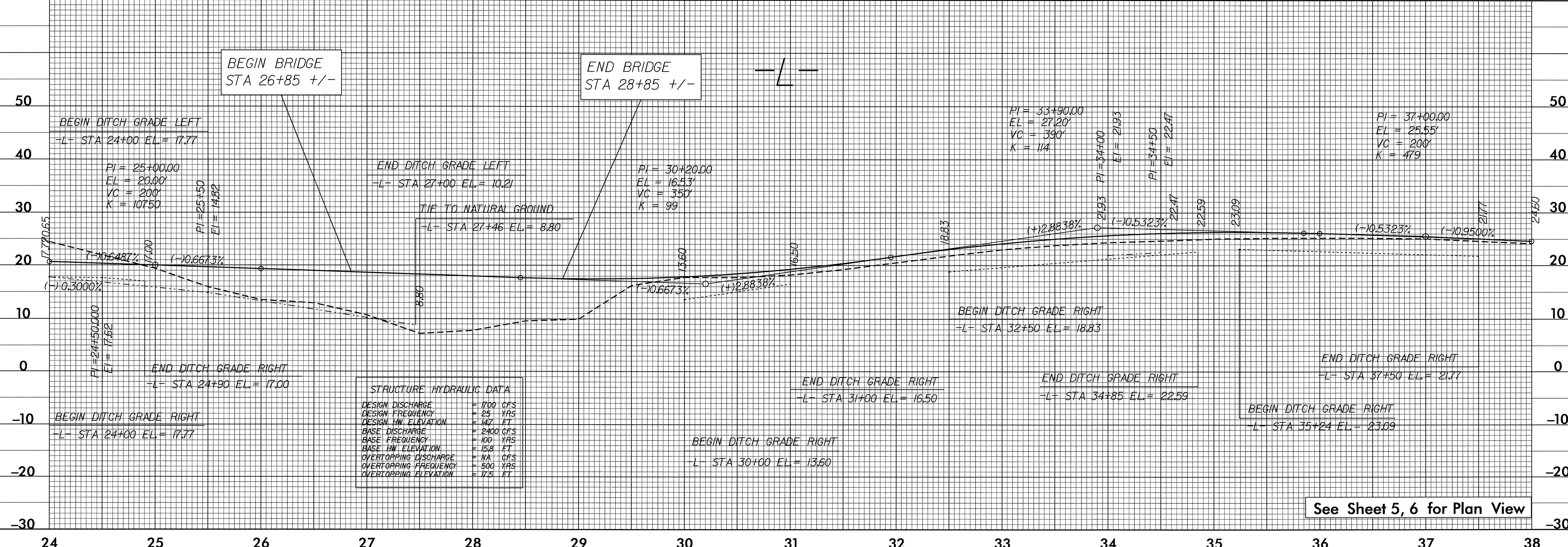
PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.6

DRAINAGE AREA	= 48.0 AC
DESIGN FREQUENCY	= 25 YRS
DESIGN DISCHARGE	= 57.0 CFS
DESIGN HW ELEVATION	= 19.9 FT
100 YEAR DISCHARGE	= 90.0 CFS
100 YEAR HW ELEVATION	= 21.0 FT
OVERTOPPING FREQUENCY	= 25 YRS
OVERTOPPING DISCHARGE	= 60.0 CFS
OVERTOPPING ELEVATION	= 19.7 FT

BM *2 RAILROAD SPIKE IN 18" TWIN OAK
LT. OF -L- STA.22+00 ELEV.17.31'
N=375,298.8419 E=2,508,468.7692



See Sheet 4, 5 for Plan View



STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 1700 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 14.7 FT
BASE DISCHARGE	= 2400 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 15.8 FT
OVERTOPPING DISCHARGE	= 114 CFS
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING ELEVATION	= 17.5 FT

See Sheet 5, 6 for Plan View