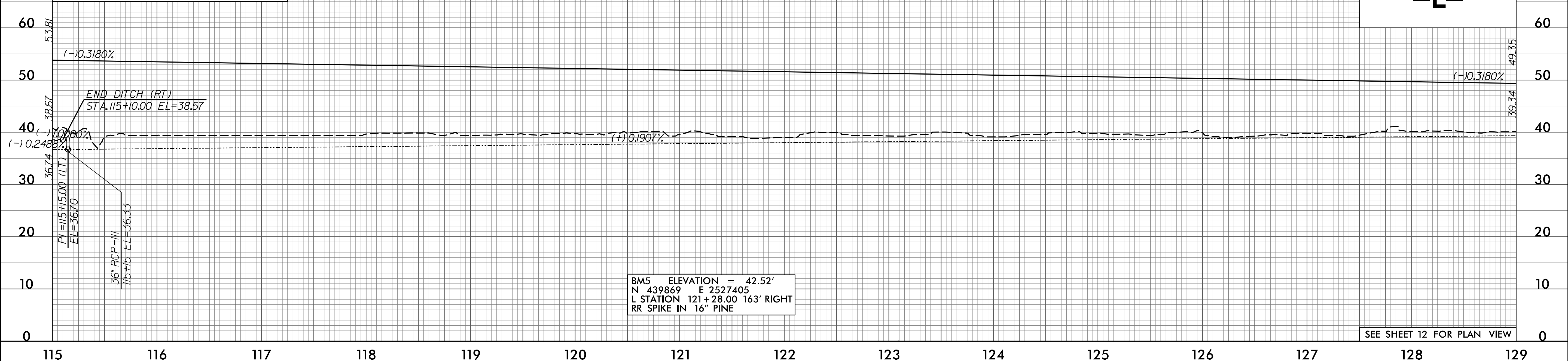


PROJECT REFERENCE NO. R-2514C	SHEET NO. 33
ROADWAY DESIGN ENGINEER SEAL 033871 3/27/99 DANIEL W. GARDNER, JR.	HYDRAULICS ENGINEER SEAL 032581 3/27/99 BOB E. ANDERSON

PIPE HYDRAULIC DATA
Str.1208 Sta.115+15

DRAINAGE AREA	= 56	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 20	CFS
DESIGN HW ELEVATION	= 39	FT
100 YEAR DISCHARGE	= 25	CFS
100 YEAR HW ELEVATION	= 39.3	FT
OVERTOPPING FREQUENCY	= 200+/-	YRS
OVERTOPPING DISCHARGE	= 33	CFS
OVERTOPPING ELEVATION	= 40.2	FT



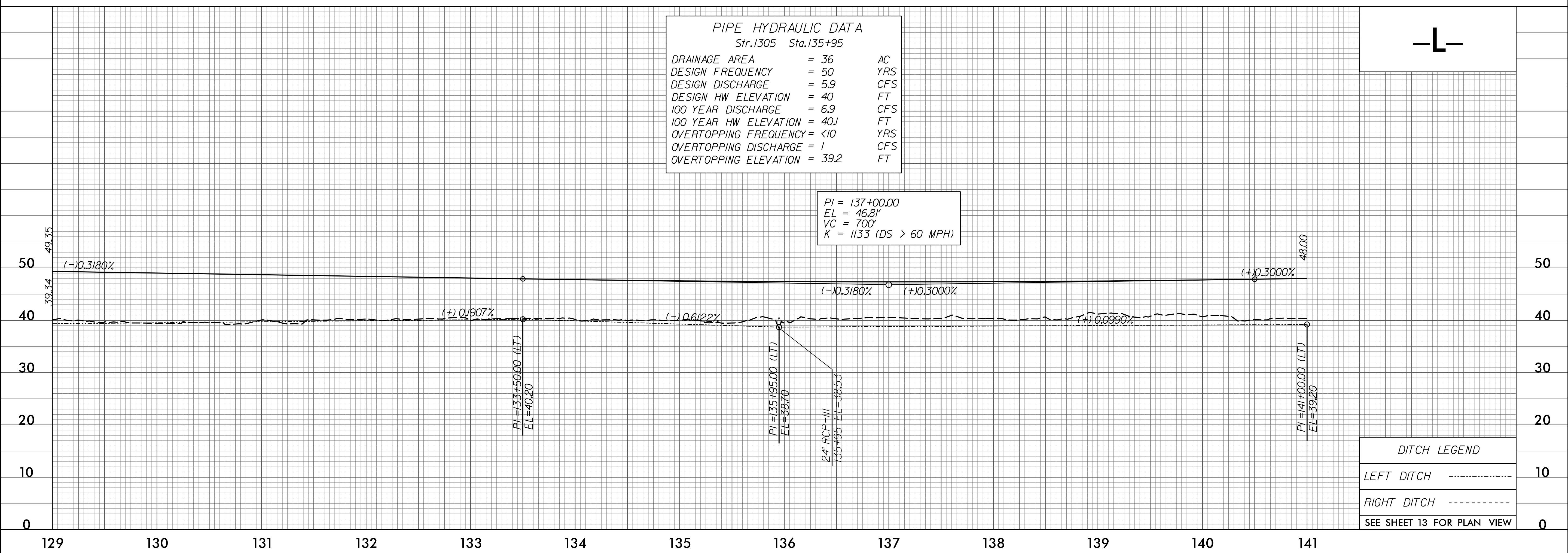
BM5 ELEVATION = 42.52'
N 439869 E 2527405
L STATION 121+28.00 163' RIGHT
RR SPIKE IN 16" PINE

SEE SHEET 12 FOR PLAN VIEW

PIPE HYDRAULIC DATA
Str.1305 Sta.135+95

DRAINAGE AREA	= 36	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 5.9	CFS
DESIGN HW ELEVATION	= 40	FT
100 YEAR DISCHARGE	= 6.9	CFS
100 YEAR HW ELEVATION	= 40.1	FT
OVERTOPPING FREQUENCY	= <10	YRS
OVERTOPPING DISCHARGE	= 1	CFS
OVERTOPPING ELEVATION	= 39.2	FT

PI = 137+00.00
EL = 46.81'
VC = 700'
K = 1133 (DS > 60 MPH)



DITCH LEGEND

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

SEE SHEET 13 FOR PLAN VIEW