

5/09/2008

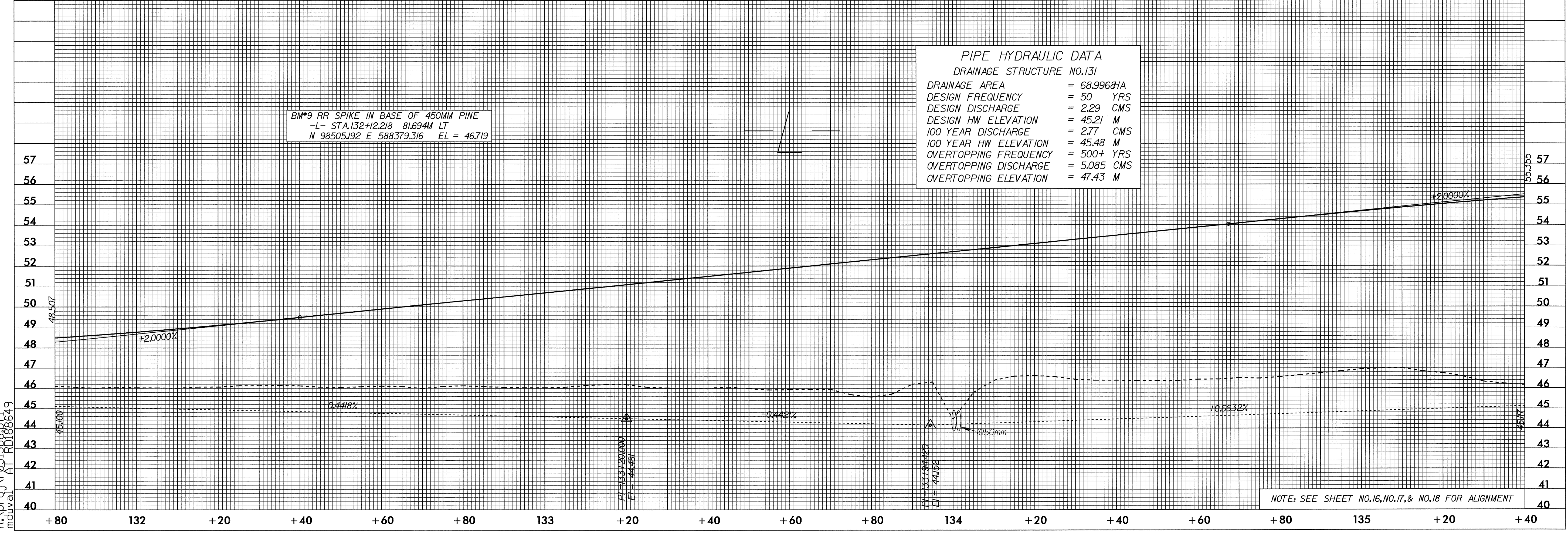
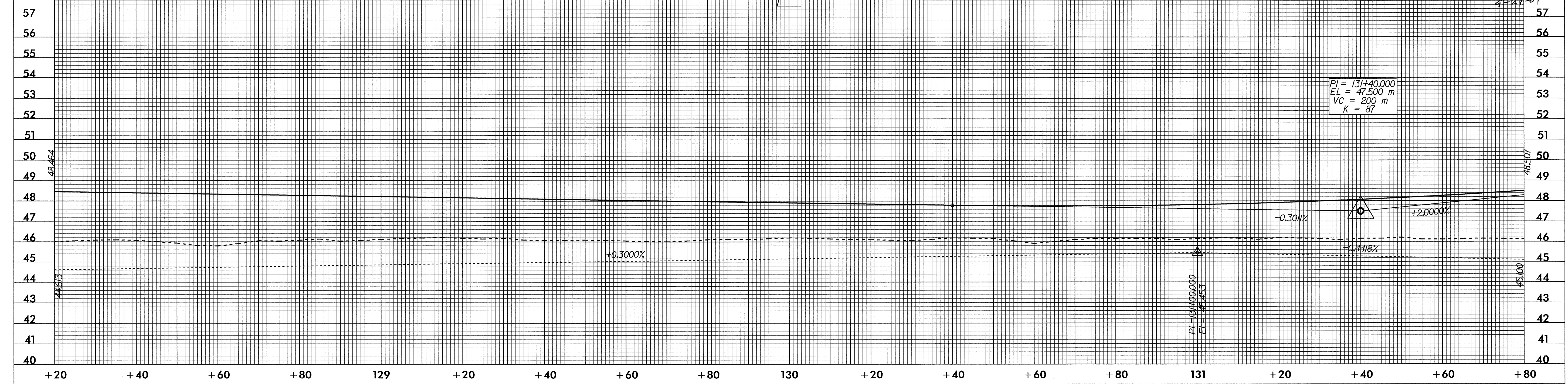
DITCH LEGEND
RIGHT DITCH -----

METRIC

5 0 10

CONST. REV.
R / W REV.

PROJECT REFERENCE NO. R-0513BA	SHEET NO. 33
ROADWAY DESIGN ENGINEER GARY R. LOVERA 9-27-07	HYDRAULICS ENGINEER RANDALL C. HUNG 9-27-07



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.131

DRAINAGE AREA	= 68.9968HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 2.29 CMS
DESIGN HW ELEVATION	= 45.21 M
100 YEAR DISCHARGE	= 2.77 CMS
100 YEAR HW ELEVATION	= 45.48 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 5.085 CMS
OVERTOPPING ELEVATION	= 47.43 M

BM*9 RR SPIKE IN BASE OF 450MM PINE
-L- STA.132+12.218 81694M LT
N 98505.192 E 588379.316 EL = 46.719

NOTE: SEE SHEET NO.16, NO.17, & NO.18 FOR ALIGNMENT

20-SEP-2004 13:34
R:\proj\05138881\mduval_AT_R0188649