


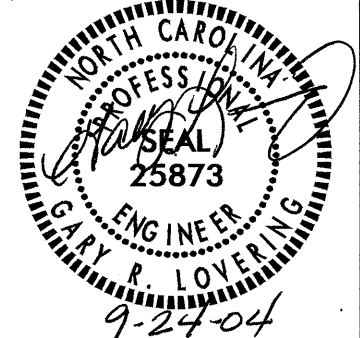

5/09/09

DITCH LEGEND
RIGHT DITCH - - - - -



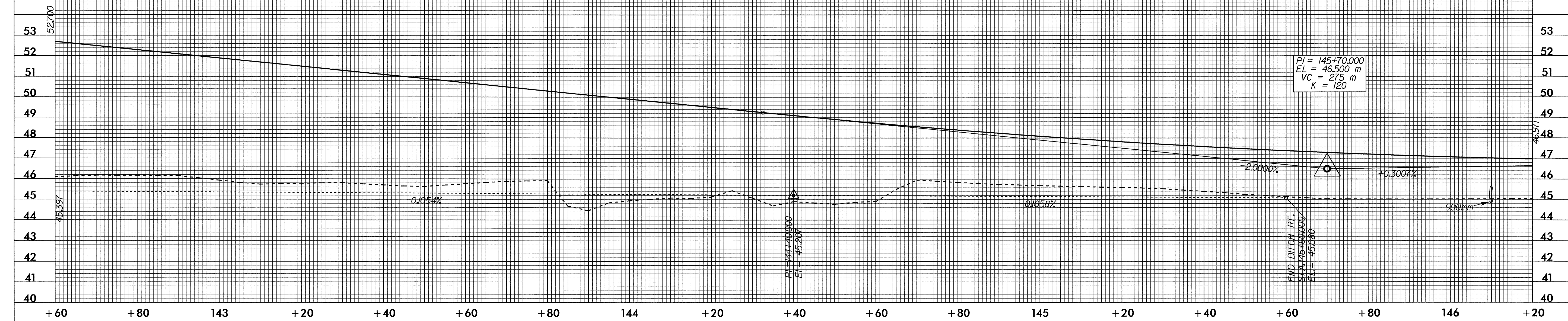
5 0 10

CONST. REV.
R / W REV.

PROJECT REFERENCE NO. R-0513BA	SHEET NO. 35
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 9-27-04	 4-27-07

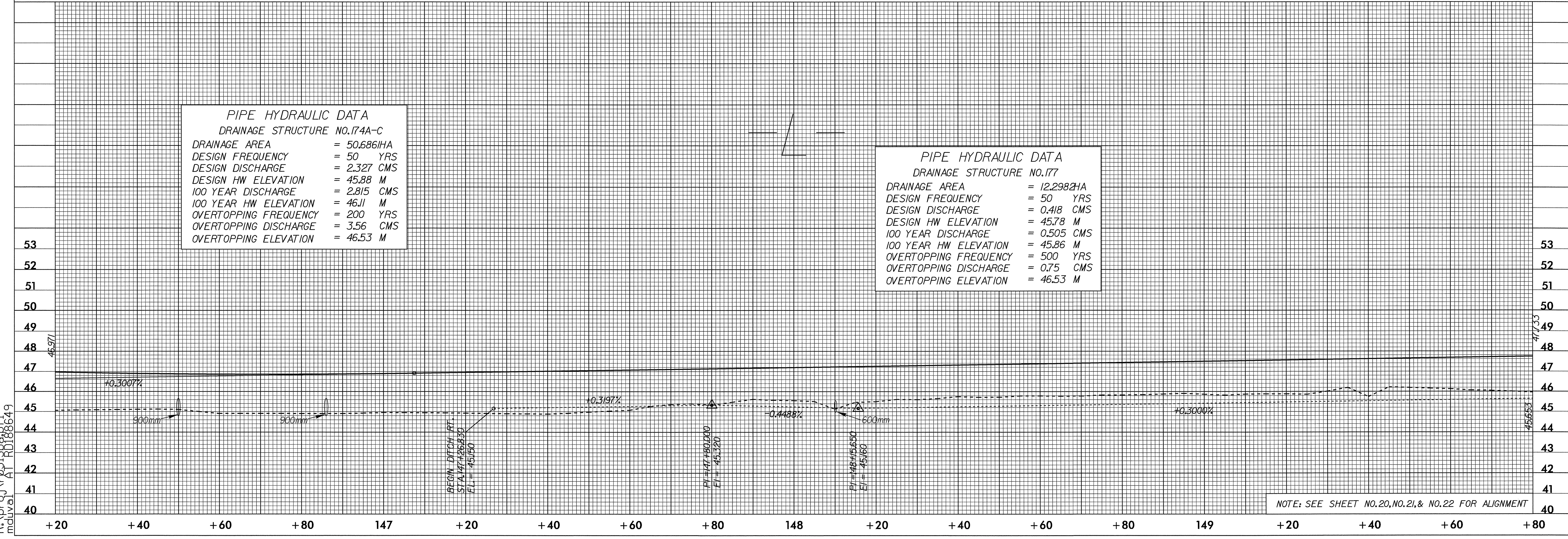
BM*12 RR SPIKE IN BASE OF 200MM PINE
 -L- STA.145+07.56 78.92M LT
 N 97481.341 E 589172.159 EL = 46.111

PI = 145+70.000
 EL = 46.500 m
 VC = 275 m
 K = 120



PIPE HYDRAULIC DATA
 DRAINAGE STRUCTURE NO.174A-C
 DRAINAGE AREA = 50.6861HA
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 2.327 CMS
 DESIGN HW ELEVATION = 45.88 M
 100 YEAR DISCHARGE = 2.815 CMS
 100 YEAR HW ELEVATION = 46.11 M
 OVERTOPPING FREQUENCY = 200 YRS
 OVERTOPPING DISCHARGE = 3.56 CMS
 OVERTOPPING ELEVATION = 46.53 M

PIPE HYDRAULIC DATA
 DRAINAGE STRUCTURE NO.177
 DRAINAGE AREA = 12.2982HA
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 0.418 CMS
 DESIGN HW ELEVATION = 45.78 M
 100 YEAR DISCHARGE = 0.505 CMS
 100 YEAR HW ELEVATION = 45.86 M
 OVERTOPPING FREQUENCY = 500 YRS
 OVERTOPPING DISCHARGE = 0.75 CMS
 OVERTOPPING ELEVATION = 46.53 M



NOTE: SEE SHEET NO.20, NO.21, & NO.22 FOR ALIGNMENT

20-SEP-2004 13:33
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 mduvel AT R0186649