

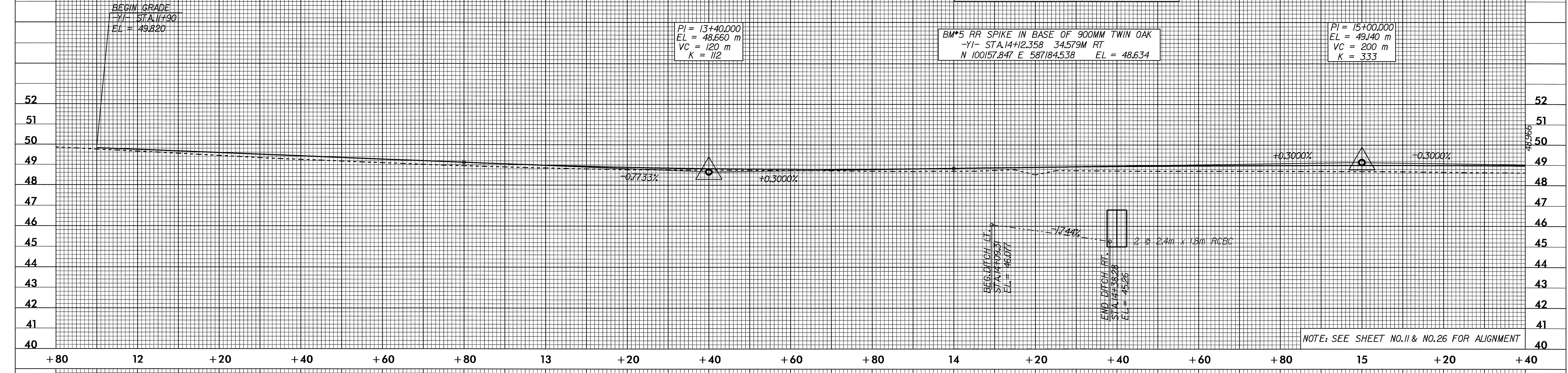
6/09/99

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

STRUCTURE HYDRAULIC DATA	
DESIGN DISCHARGE	= 9.90 CMS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 47.20 M
BASE DISCHARGE	= 12.50 CMS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 47.53 M
OVERTOPPING DISCHARGE	= 22.00 CMS
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING ELEVATION	= 48.79 M

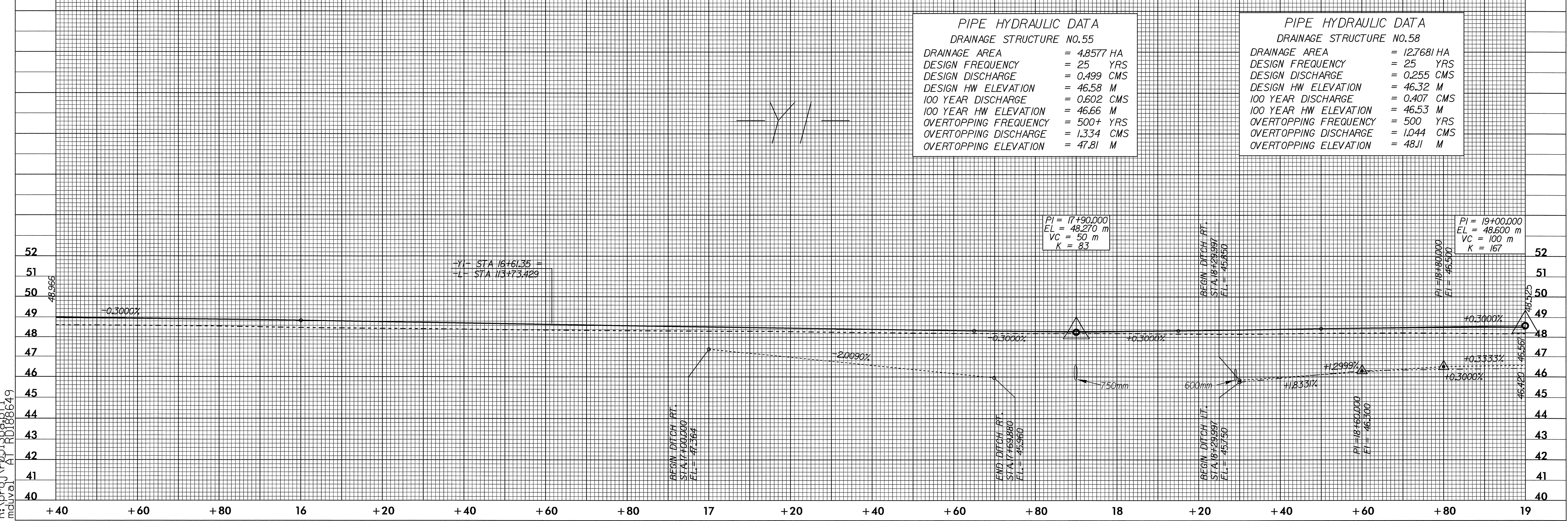
CONST. REV.
R / W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-0513BA	37
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.55	
DRAINAGE AREA	= 4.8577 HA
DESIGN FREQUENCY	= 25 YRS
DESIGN DISCHARGE	= 0.499 CMS
DESIGN HW ELEVATION	= 46.58 M
100 YEAR DISCHARGE	= 0.602 CMS
100 YEAR HW ELEVATION	= 46.66 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 1.334 CMS
OVERTOPPING ELEVATION	= 47.81 M

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.58	
DRAINAGE AREA	= 12.7681 HA
DESIGN FREQUENCY	= 25 YRS
DESIGN DISCHARGE	= 0.255 CMS
DESIGN HW ELEVATION	= 46.32 M
100 YEAR DISCHARGE	= 0.407 CMS
100 YEAR HW ELEVATION	= 46.53 M
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING DISCHARGE	= 1.044 CMS
OVERTOPPING ELEVATION	= 48.11 M



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