


6/09/03

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

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.50	
DRAINAGE AREA	= 1.6323 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.281 CMS
DESIGN HW ELEVATION	= 47.05 M
100 YEAR DISCHARGE	= 0.340 CMS
100 YEAR HW ELEVATION	= 47.12 M
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING DISCHARGE	= 0.909 CMS
OVERTOPPING ELEVATION	= 48.415 M

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.69	
DRAINAGE AREA	= 0.745 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.064 CMS
DESIGN HW ELEVATION	= 47.82 M
100 YEAR DISCHARGE	= 0.072 CMS
100 YEAR HW ELEVATION	= 47.84 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 0.298 CMS
OVERTOPPING ELEVATION	= 48.315 M

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.70	
DRAINAGE AREA	= 0.8371 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.098 CMS
DESIGN HW ELEVATION	= 46.53 M
100 YEAR DISCHARGE	= 0.108 CMS
100 YEAR HW ELEVATION	= 46.55 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 0.62 CMS
OVERTOPPING ELEVATION	= 47.89 M




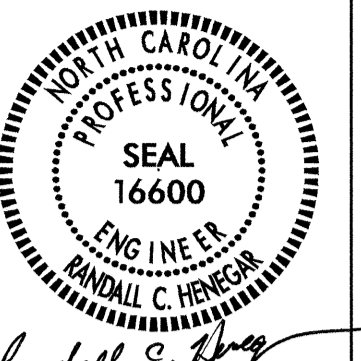
PROJECT REFERENCE NO.
R-0513BA

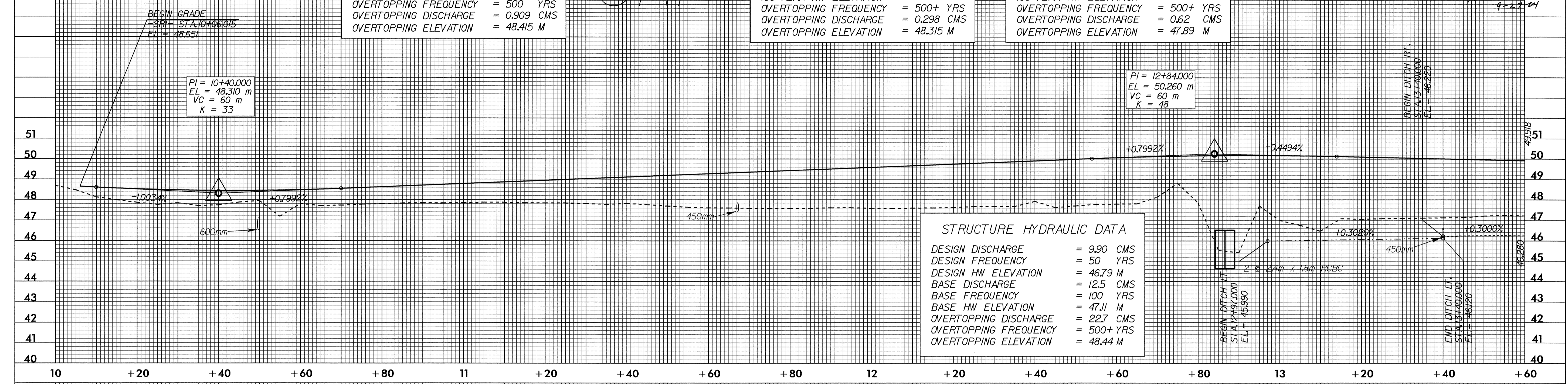
ROADWAY DESIGN ENGINEER

CONST. REV.
R /W REV.

SHEET NO.
42

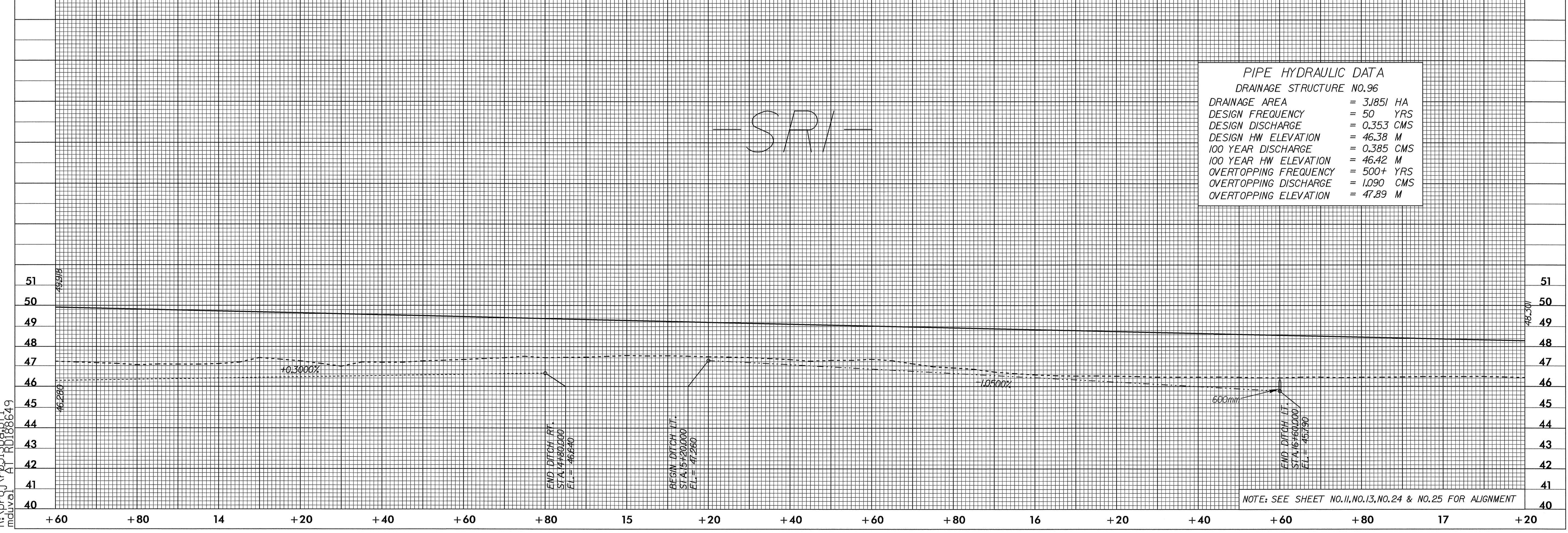
HYDRAULICS ENGINEER



STRUCTURE HYDRAULIC DATA	
DESIGN DISCHARGE	= 9.90 CMS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 46.79 M
BASE DISCHARGE	= 12.5 CMS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 47.11 M
OVERTOPPING DISCHARGE	= 22.7 CMS
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING ELEVATION	= 48.44 M

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.96	
DRAINAGE AREA	= 3.1851 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.353 CMS
DESIGN HW ELEVATION	= 46.38 M
100 YEAR DISCHARGE	= 0.385 CMS
100 YEAR HW ELEVATION	= 46.42 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 1.090 CMS
OVERTOPPING ELEVATION	= 47.89 M



NOTE: SEE SHEET NO.11, NO.13, NO.24 & NO.25 FOR ALIGNMENT

20-SEP-2004 13:30
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