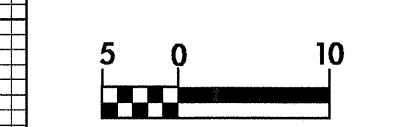


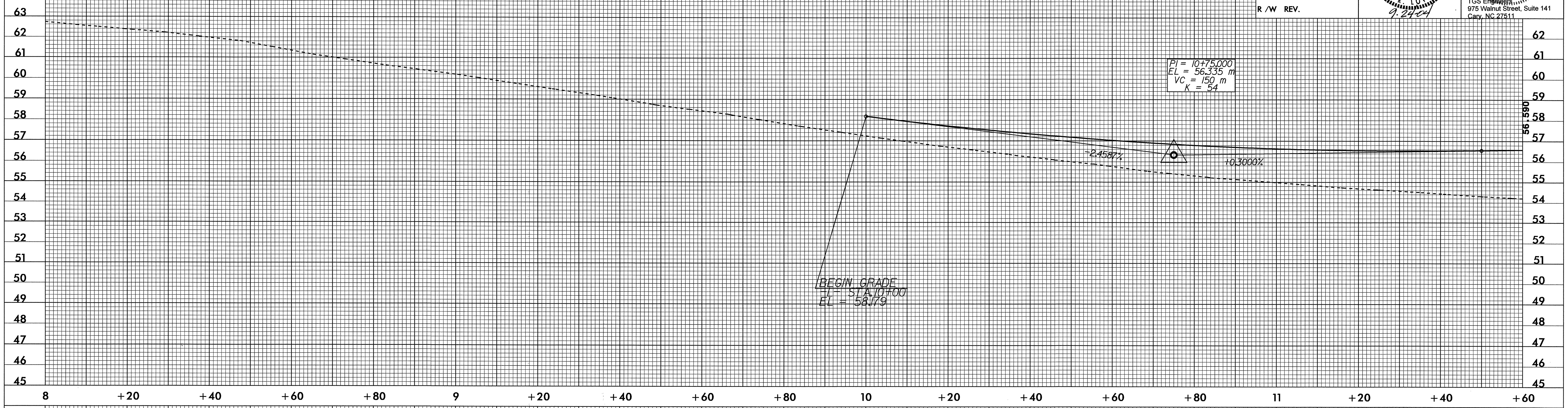
6/09/99

DITCH LEGEND
LEFT DITCH



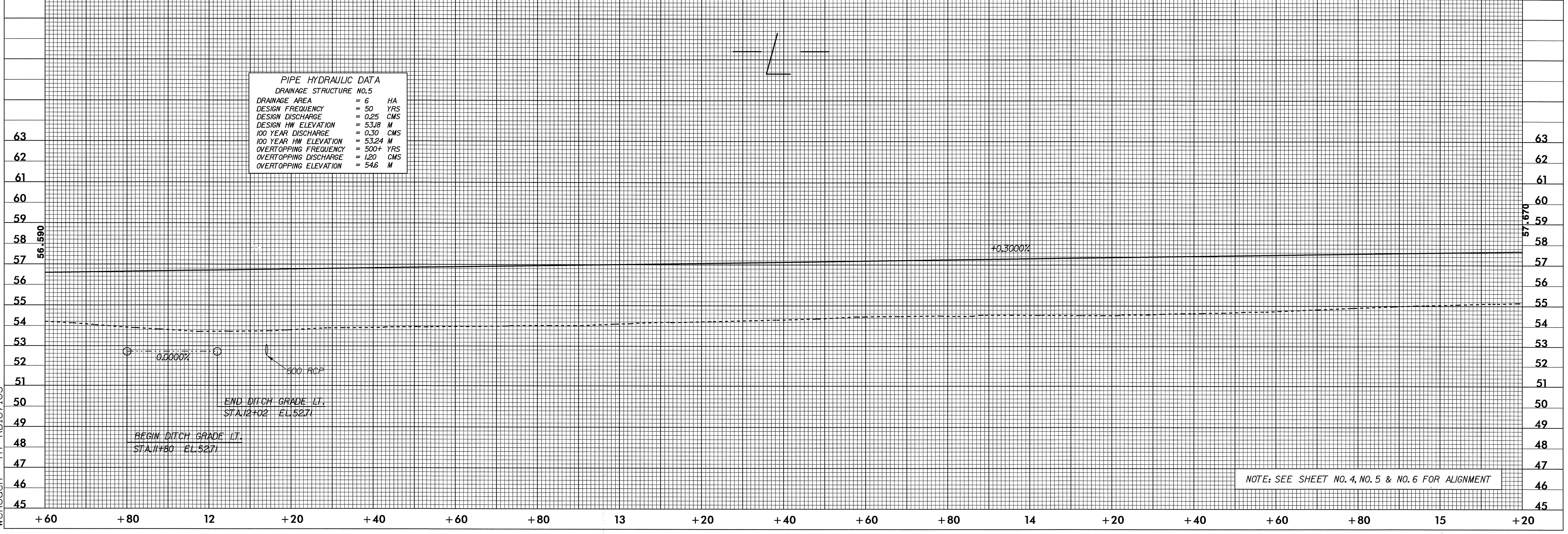
CONST. REV.
R / W REV.

PROJECT REFERENCE NO. R-0513A	SHEET NO. 30
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS Engineering 975 Walnut Street, Suite 141 Cary, NC 27511	



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 5

DRAINAGE AREA	= 6	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.25	CMS
DESIGN HW ELEVATION	= 53.8	M
100 YEAR DISCHARGE	= 0.30	CMS
100 YEAR HW ELEVATION	= 53.24	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 1.20	CMS
OVERTOPPING ELEVATION	= 54.6	M



NOTE: SEE SHEET NO. 4, NO. 5 & NO. 6 FOR ALIGNMENT

08 JUL -2004 14:57
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WCRoach AT R0187165