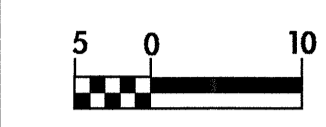


6/09/99

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



PROJECT REFERENCE NO. R-0513A	SHEET NO. 46
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST. REV.	TGS Engineering 975 Walnut Street, Suite 141 Cary, NC 27511



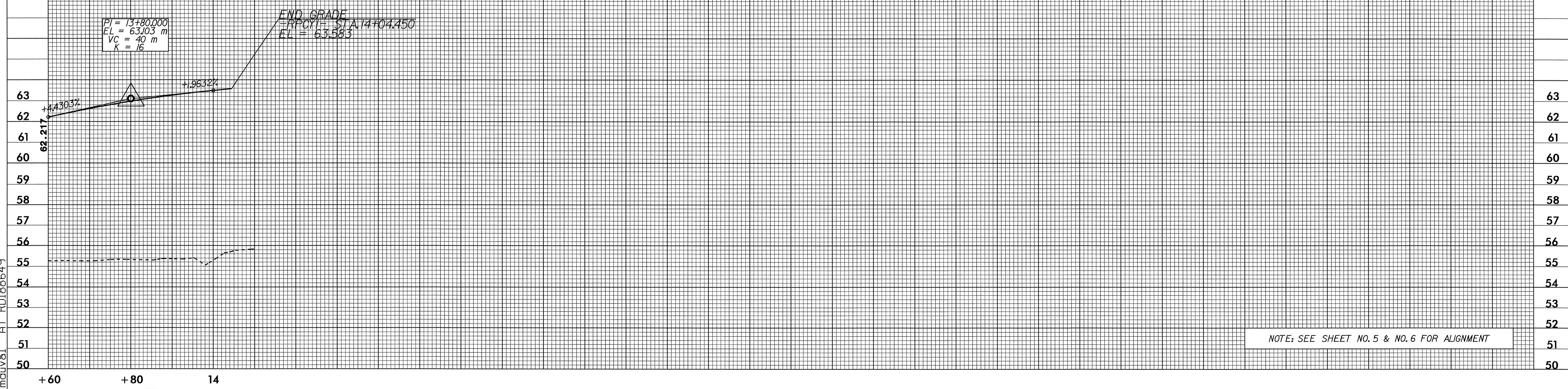
PIPE HYDRAULIC DATA  
DRAINAGE STRUCTURE NO. 12

DRAINAGE AREA	= 57	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 454	CMS
DESIGN HW ELEVATION	= 54.02	M
100 YEAR DISCHARGE	= 5.40	CMS
100 YEAR HW ELEVATION	= 54.68	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 14	CMS
OVERTOPPING ELEVATION	= 56.70	M

—RPCYI—



—RPCYI—



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

30-SEP-2004 14:28  
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