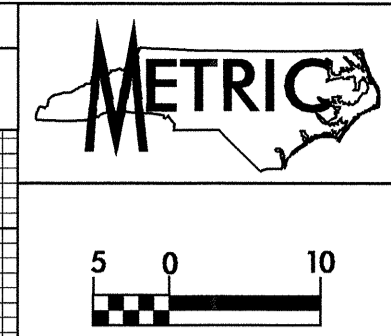


5/09/05

-RPCY2-

DITCH LEGEND

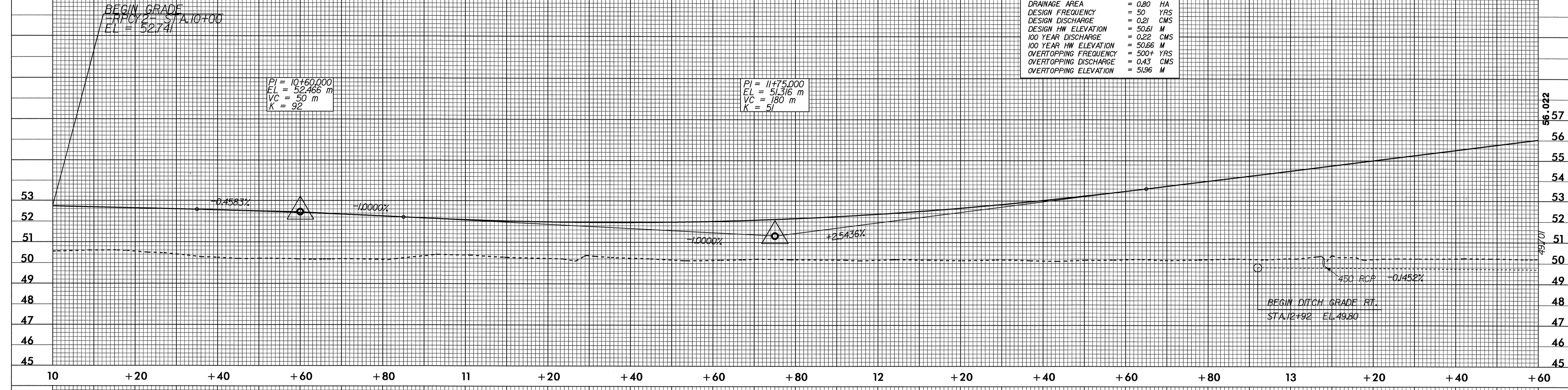
RIGHT DITCH	-----
LEFT DITCH	-----



PROJECT REFERENCE NO.	R-0513A	SHEET NO.	54
ROADWAY DESIGN ENGINEER	[Signature]		
HYDRAULICS ENGINEER	[Signature]		
TGS Engineers 875 Walnut Street, Suite 141 Cary, NC 27511			

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.122

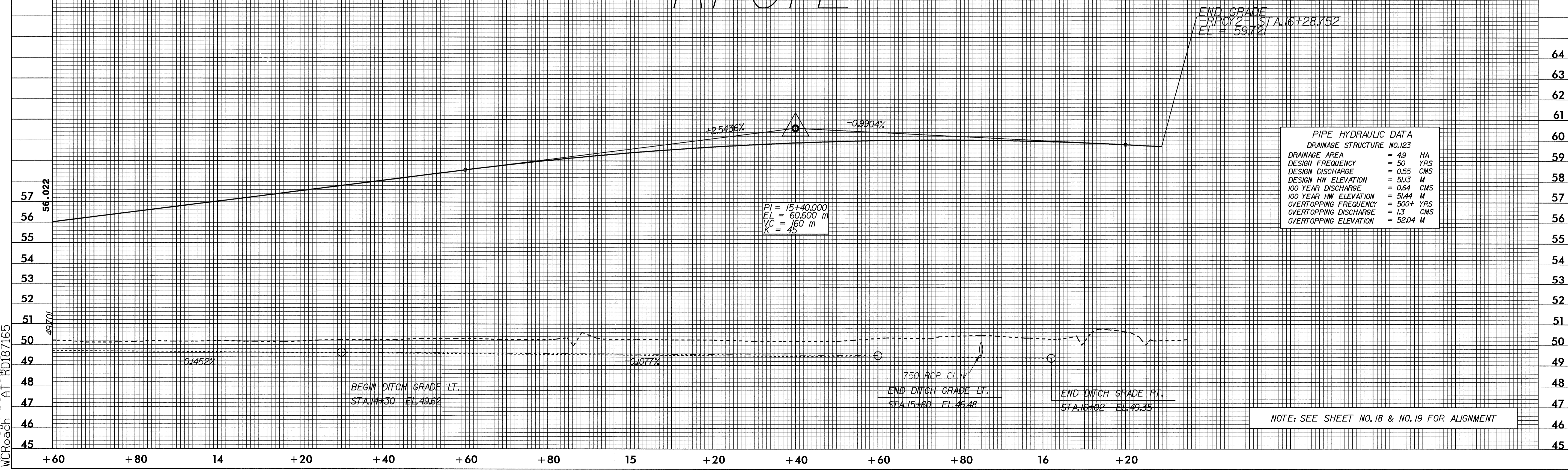
DRAINAGE AREA	= 0.80	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.21	CMS
DESIGN HW ELEVATION	= 50.61	M
100 YEAR DISCHARGE	= 0.22	CMS
100 YEAR HW ELEVATION	= 50.66	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.43	CMS
OVERTOPPING ELEVATION	= 51.96	M



-RPCY2-

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.123

DRAINAGE AREA	= 49	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.55	CMS
DESIGN HW ELEVATION	= 51.3	M
100 YEAR DISCHARGE	= 0.64	CMS
100 YEAR HW ELEVATION	= 51.44	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 1.3	CMS
OVERTOPPING ELEVATION	= 52.04	M



NOTE: SEE SHEET NO. 18 & NO. 19 FOR ALIGNMENT

08-JUL-2004 14:47
R:\Proj\05130\05130.dwg
M:Roach AT RD187165