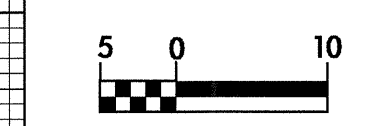


6/09/09

RIGHT DITCH
LEFT DITCH

DITCH LEGEND



CONST. REV.

R / W REV.

PROJECT REFERENCE NO. R-0513A	SHEET NO. 51
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS Engineers 975 Walnut Street, Suite 141 Cary, NC 27511	

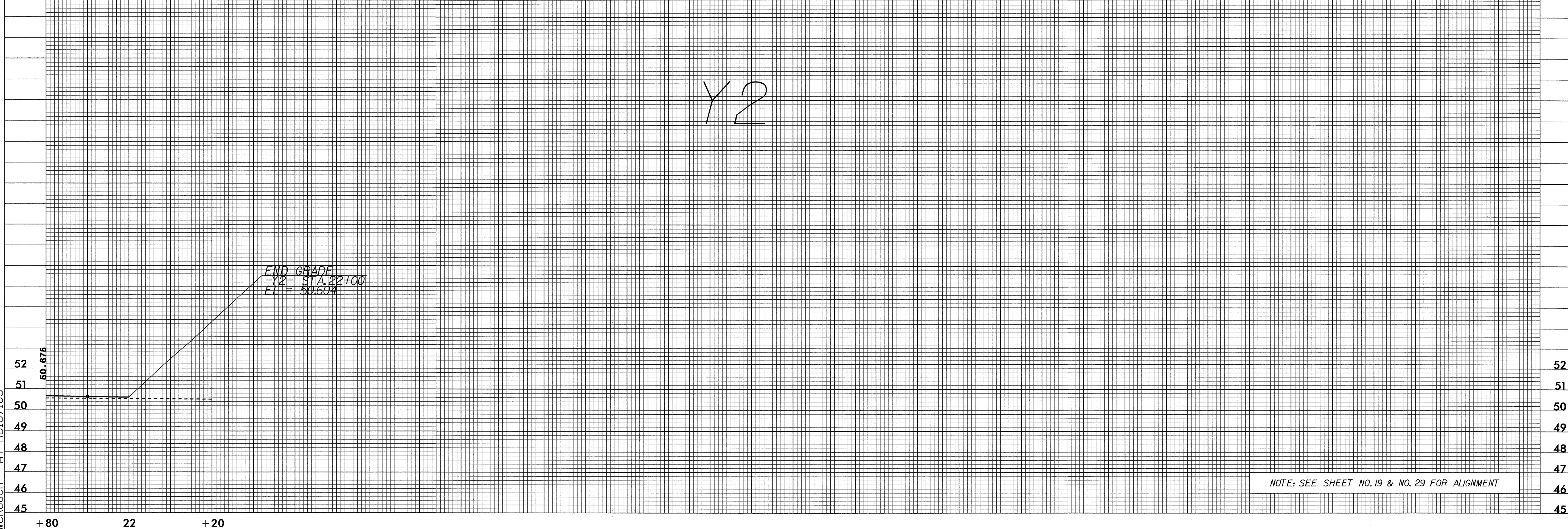
PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 42

DRAINAGE AREA	= 36.4	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 3.15	CMS
DESIGN HW ELEVATION	= 50.86	M
100 YEAR DISCHARGE	= 3.66	CMS
100 YEAR HW ELEVATION	= 51.07	M
OVERTOPPING FREQUENCY	= 50	YRS
OVERTOPPING DISCHARGE	= 3.15	CMS
OVERTOPPING ELEVATION	= 50.9	M

-Y2-



Y2



NOTE: SEE SHEET NO. 19 & NO. 29 FOR ALIGNMENT

08-JUL-2004 14:48
R:\Proj\A-0513\011
MCRoach AT RD187165