

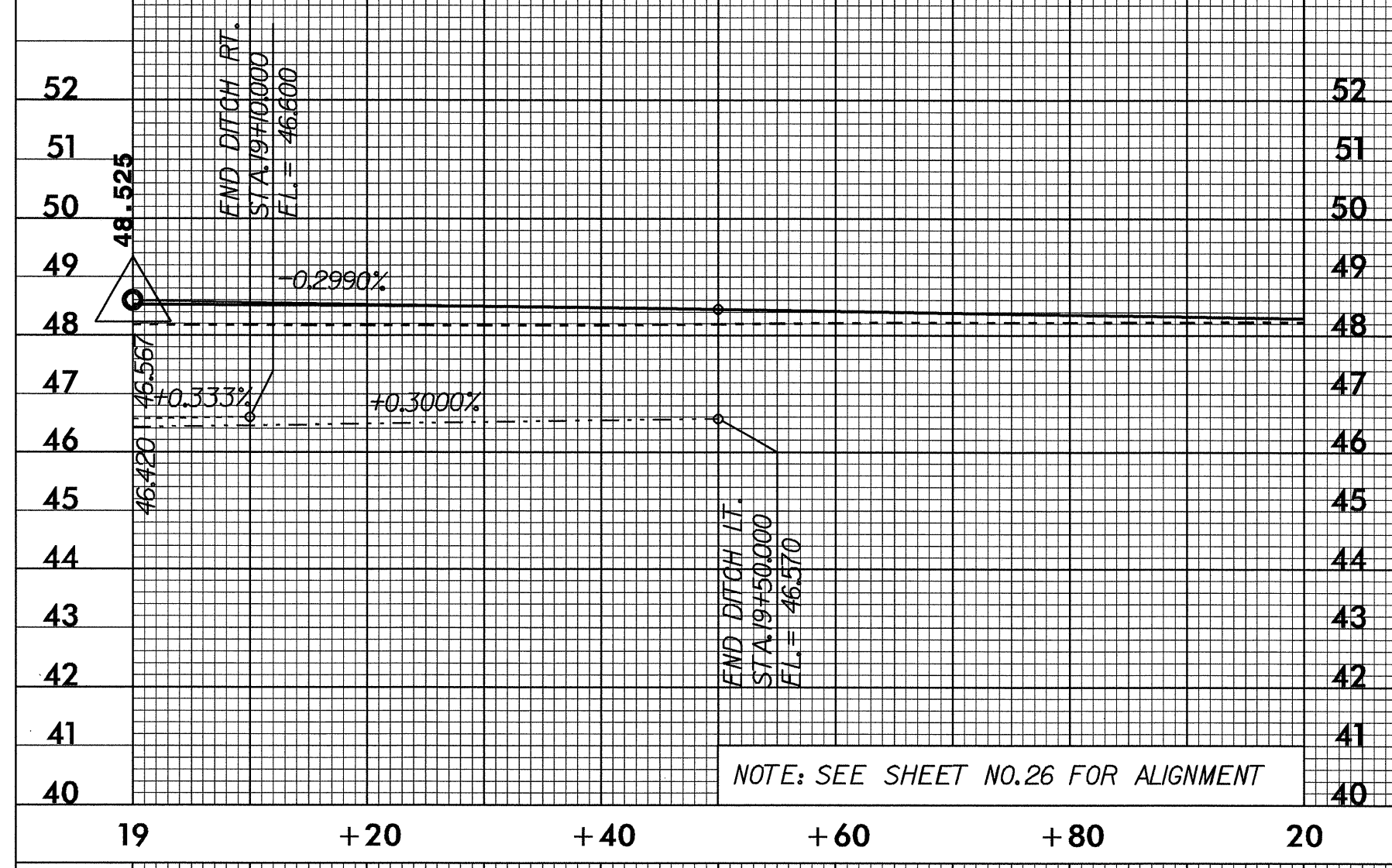
6/09/2004

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

Y1

PI = 19+00.000  
 EL = 48.600 m  
 VC = 100 m  
 K = 167

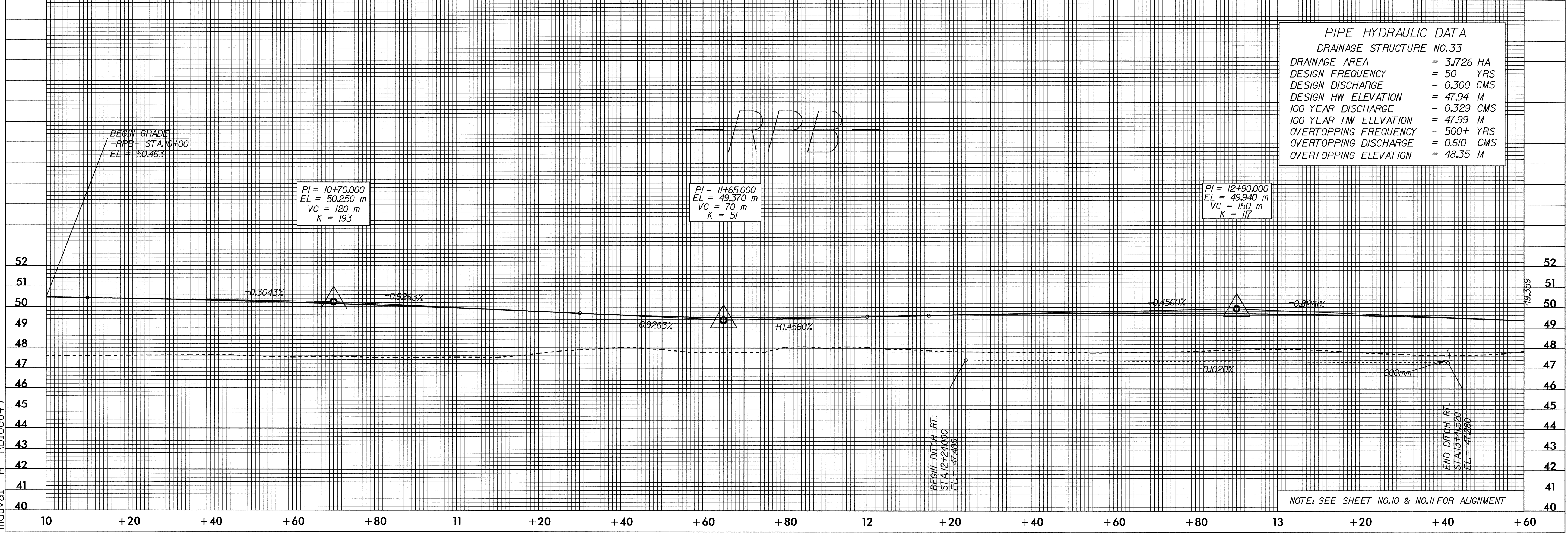
END GRADE  
 Y1 - STA 20+00  
 EL = 48.301



NOTE: SEE SHEET NO.26 FOR ALIGNMENT

	PROJECT REFERENCE NO. R-0513BA	SHEET NO. 38
	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST. REV.		
R / W REV.		

20-SEP-2004 13:31  
 R:\proj\105138\8649\malvol\_01\_P0188649



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.33	
DRAINAGE AREA	= 3.726 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.300 CMS
DESIGN HW ELEVATION	= 47.94 M
100 YEAR DISCHARGE	= 0.329 CMS
100 YEAR HW ELEVATION	= 47.99 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 0.610 CMS
OVERTOPPING ELEVATION	= 48.35 M

NOTE: SEE SHEET NO.10 & NO.11 FOR ALIGNMENT