

6/09/95

DITCH LEGEND  
RIGHT DITCH

**METRIC**

CONST. REV.  
R / W REV.

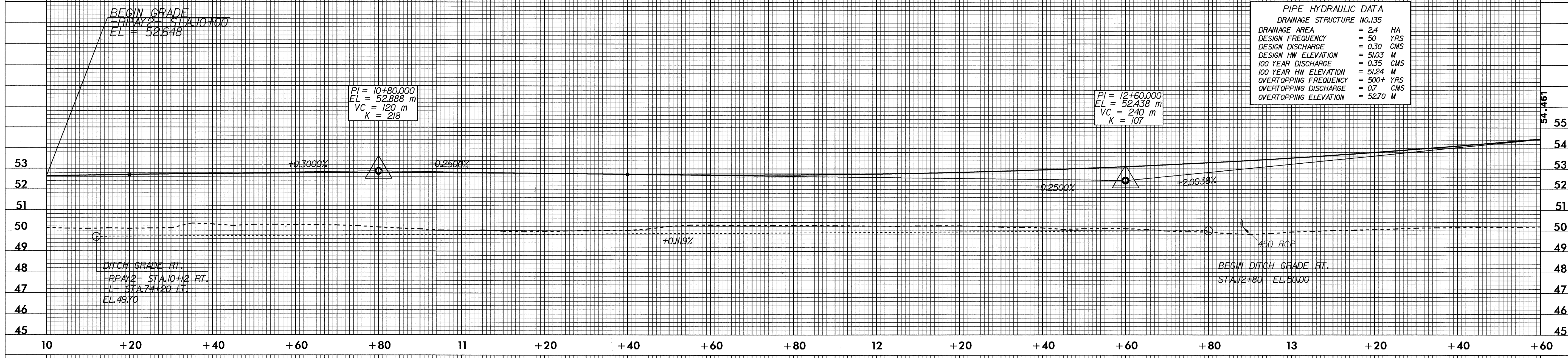
PROJECT REFERENCE NO. R-0513A  
SHEET NO. 52

ROADWAY DESIGN ENGINEER  
HYDRAULICS ENGINEER

Professional Engineer Seal: T. STEPHENS, No. 20754, Exp. 9-29-04  
Professional Engineer Seal: No. 05873

TGS Engineers  
975 Walnut Street, Suite 141  
Cary, NC 27511

-RPAY2-



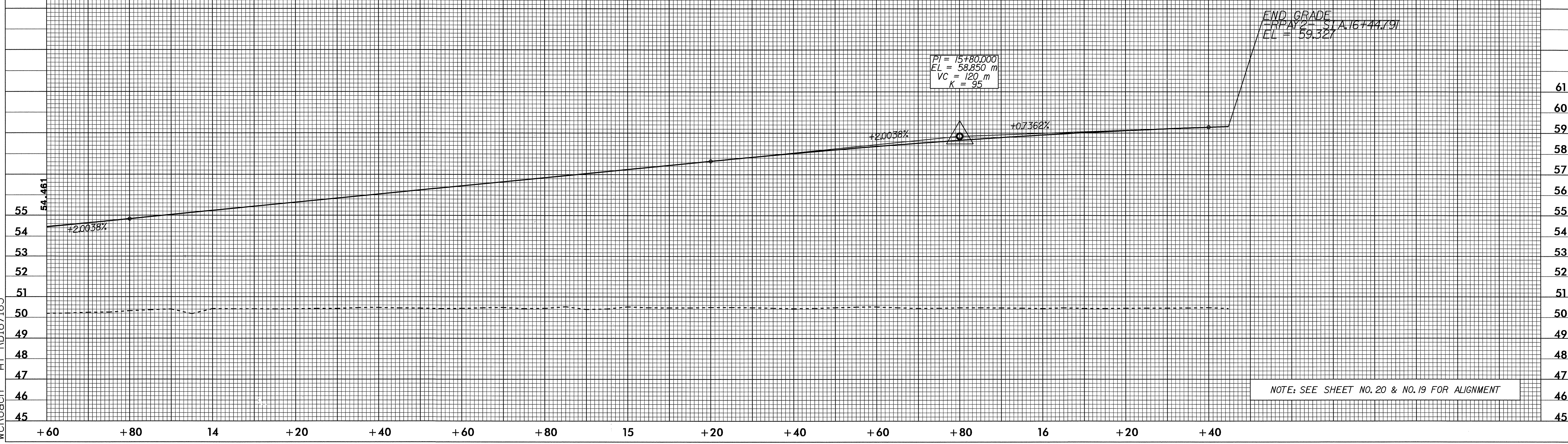
PIPE HYDRAULIC DATA  
DRAINAGE STRUCTURE NO. 135

DRAINAGE AREA	= 2.4	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.30	CMS
DESIGN HW ELEVATION	= 51.03	M
100 YEAR DISCHARGE	= 0.35	CMS
100 YEAR HW ELEVATION	= 51.24	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.7	CMS
OVERTOPPING ELEVATION	= 52.70	M

DITCH GRADE RT.  
-RPAY2- STA. 10+12 RT.  
L- STA. 74+20 LT.  
EL. 49.70

BEGIN DITCH GRADE RT.  
STA. 12+80 EL. 50.00

-RPAY2-



NOTE: SEE SHEET NO. 20 & NO. 19 FOR ALIGNMENT

08 JUL 2004 14:47  
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M\Draw At RD187165