

6.09/99

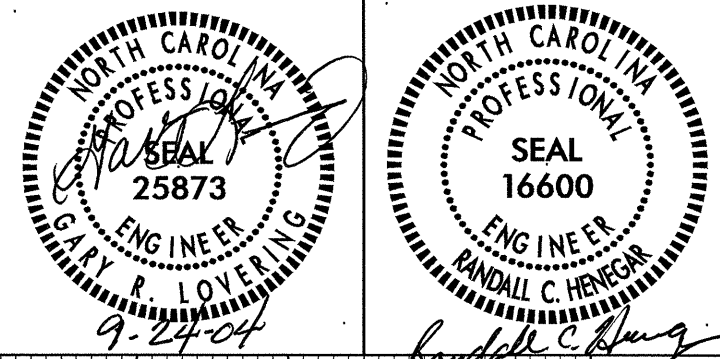


PROJECT REFERENCE NO. R-0513BA SHEET NO. 41

ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

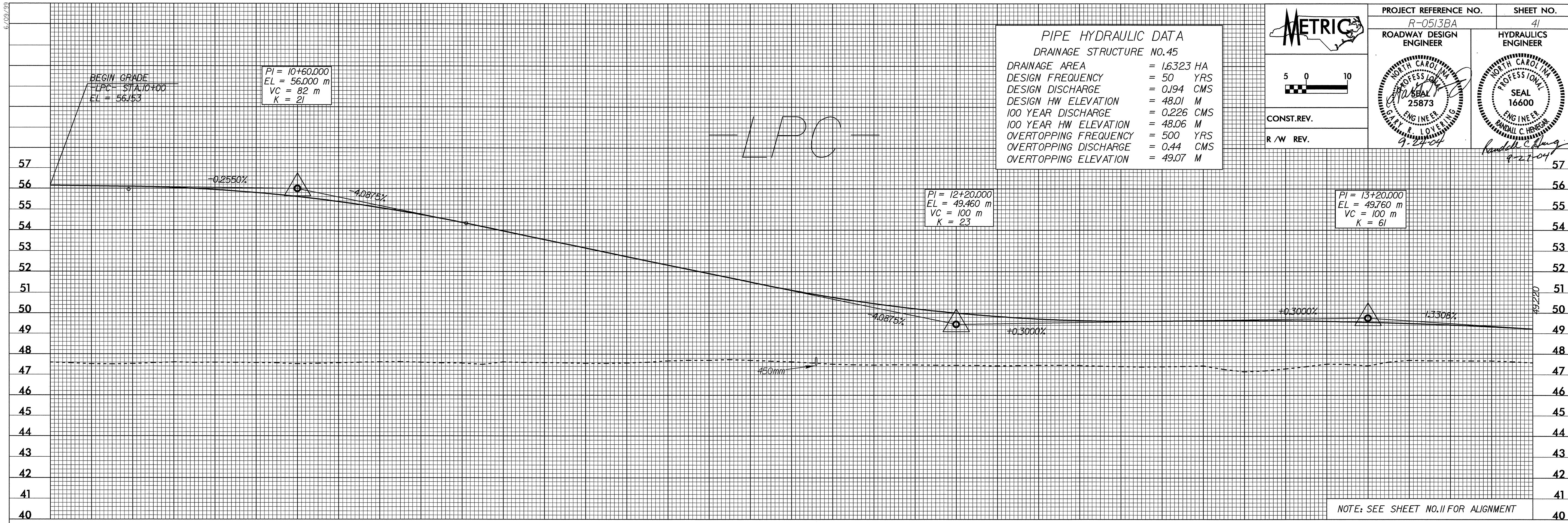


CONST. REV. R /W REV.

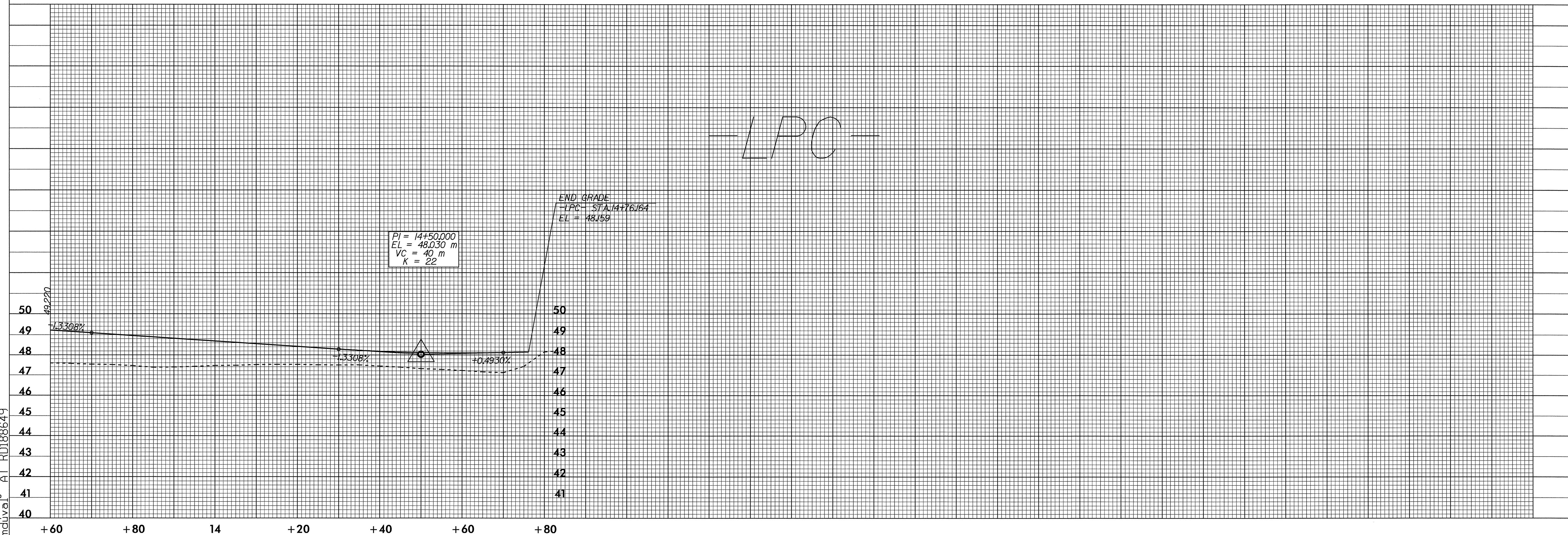


PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.45

DRAINAGE AREA	= 1.6323 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.194 CMS
DESIGN HW ELEVATION	= 48.01 M
100 YEAR DISCHARGE	= 0.226 CMS
100 YEAR HW ELEVATION	= 48.06 M
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING DISCHARGE	= 0.44 CMS
OVERTOPPING ELEVATION	= 49.07 M



NOTE: SEE SHEET NO. II FOR ALIGNMENT



20-SEP-2004 13:30
R:\proj\110513\88649\1
md\val AT RD188649