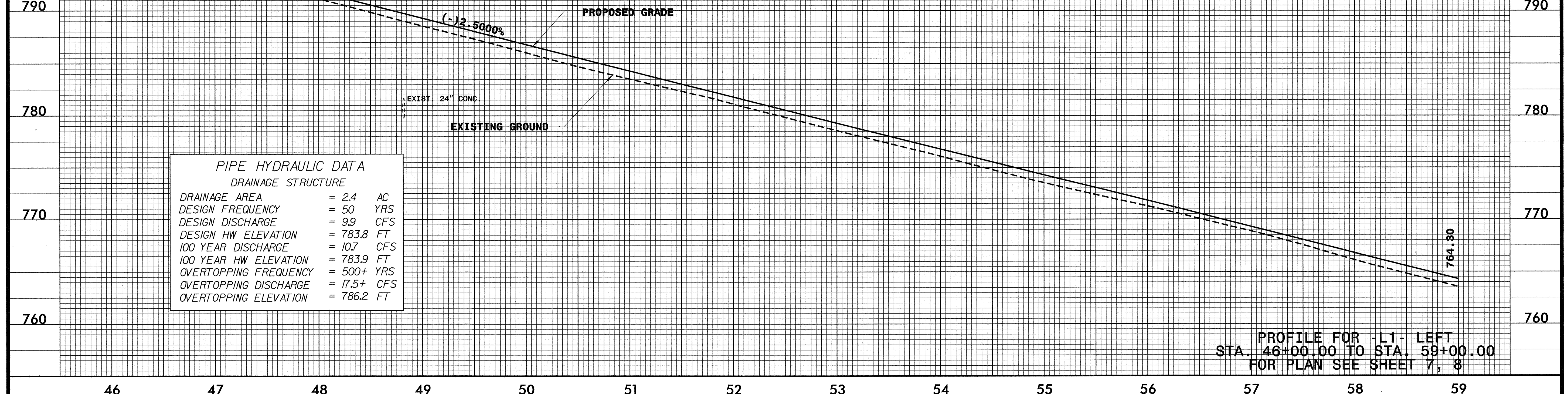


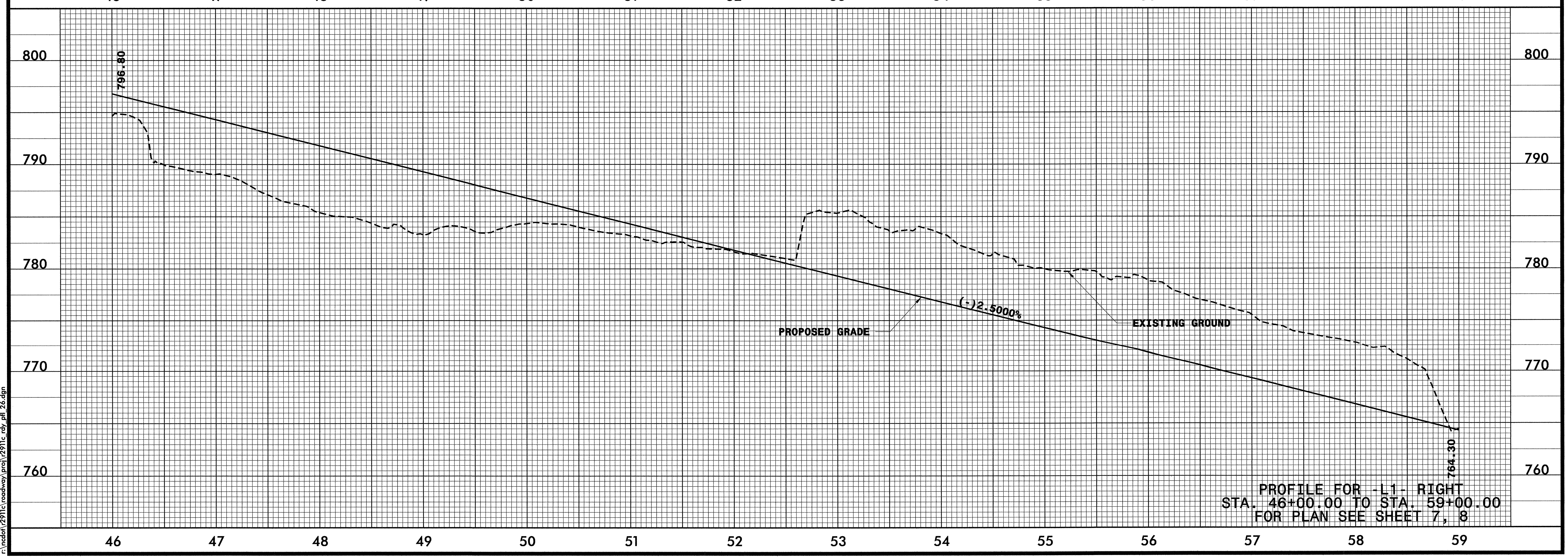
5/28/99

PROJECT REFERENCE NO. R-2911C	SHEET NO. 26
ROADWAY DESIGN ENGINEER WILBUR SMITH ASSOCIATES P.O. BOX 2478 RALEIGH, NC 27601	HYDRAULICS ENGINEER SUNGATE DESIGN GROUP 915-A JONES FRANKLIN RD. RALEIGH, NC 27606



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE	
DRAINAGE AREA	= 2.4 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 9.9 CFS
DESIGN HW ELEVATION	= 783.8 FT
100 YEAR DISCHARGE	= 10.7 CFS
100 YEAR HW ELEVATION	= 783.9 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 17.5+ CFS
OVERTOPPING ELEVATION	= 786.2 FT

PROFILE FOR -L1- LEFT
 STA. 46+00.00 TO STA. 59+00.00
 FOR PLAN SEE SHEET 7, 8



PROFILE FOR -L1- RIGHT
 STA. 46+00.00 TO STA. 59+00.00
 FOR PLAN SEE SHEET 7, 8

DATE: 9/7/2004
 P:\w\w\2911c\roadway\proj\2911c_rdy_ofi_26.dgn