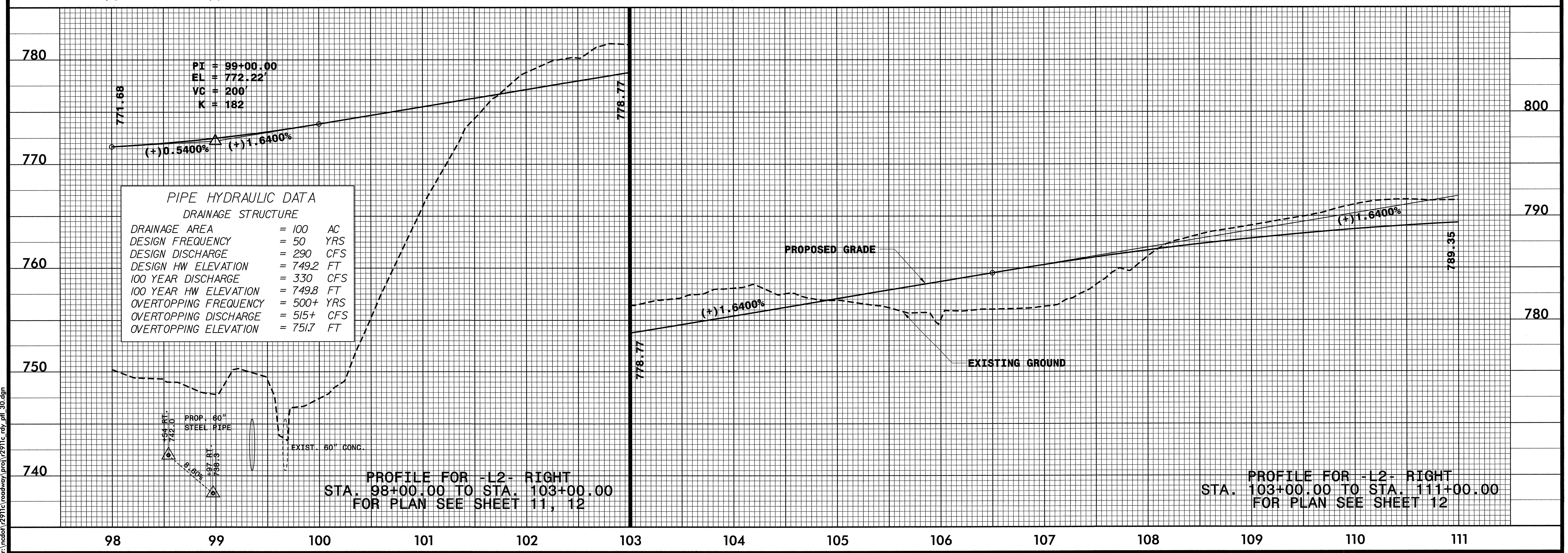
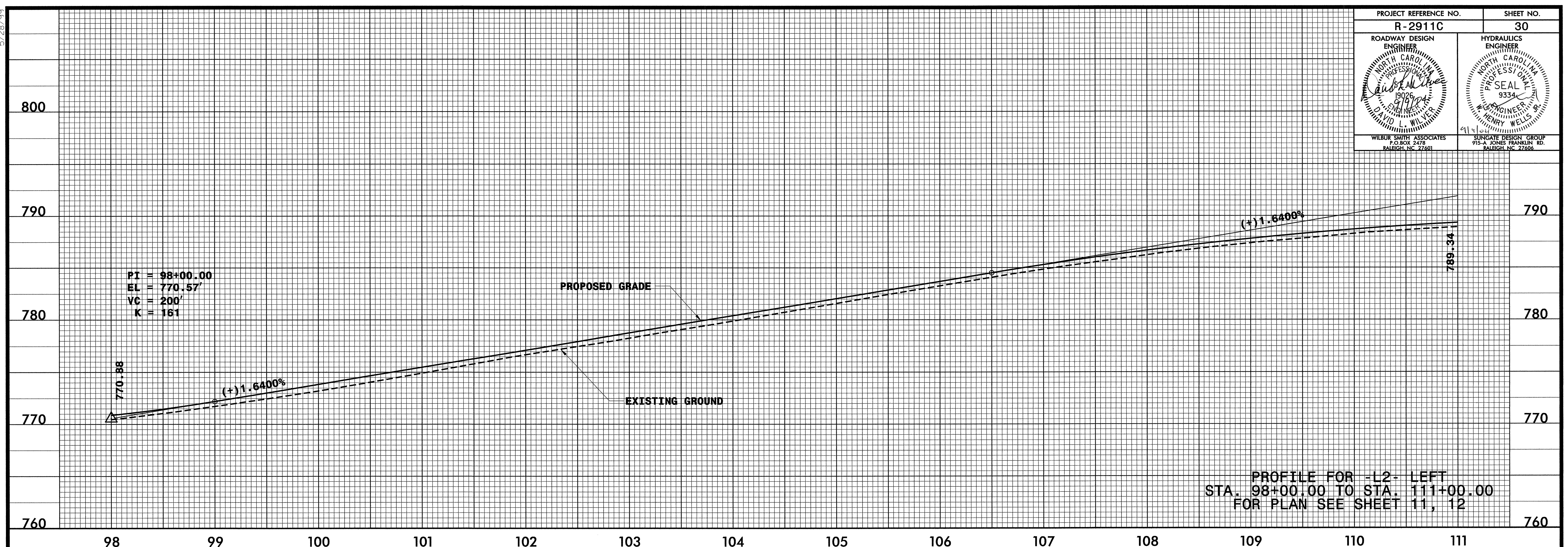


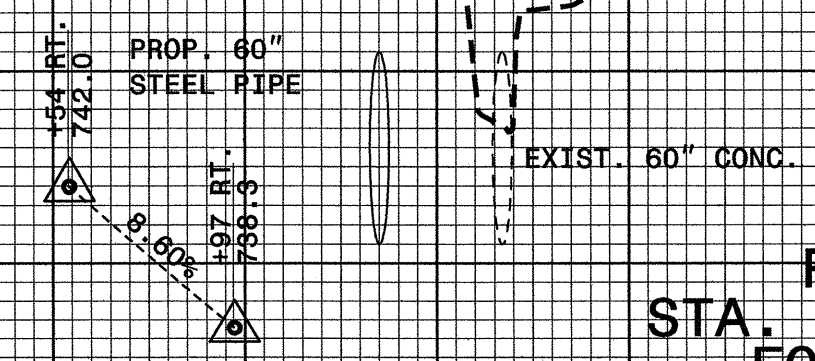
5/28/99

PROJECT REFERENCE NO. R-2911C	SHEET NO. 30
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL DAVID L. WILBUR 19026 9/19/94	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL HENRY WELLS 9334
WILBUR SMITH ASSOCIATES P.O. BOX 2478 RALEIGH, NC 27601	SUNGATE DESIGN GROUP 915-A JONES FRANKLIN RD. RALEIGH, NC 27606



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE

DRAINAGE AREA	= 100	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 290	CFS
DESIGN HW ELEVATION	= 749.2	FT
100 YEAR DISCHARGE	= 330	CFS
100 YEAR HW ELEVATION	= 749.8	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 515+	CFS
OVERTOPPING ELEVATION	= 751.7	FT



DATE: 9/2/04
C:\ncad\2911c\roadway\proj\2911c_rdy.plt 30.dgn