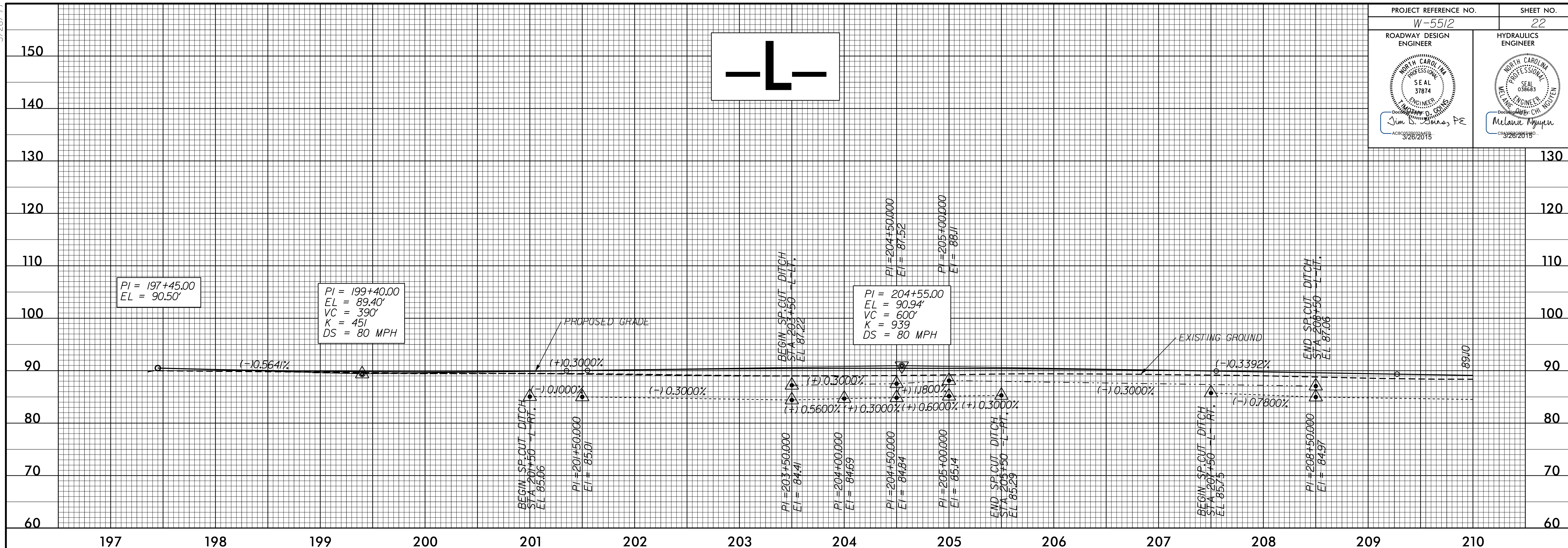
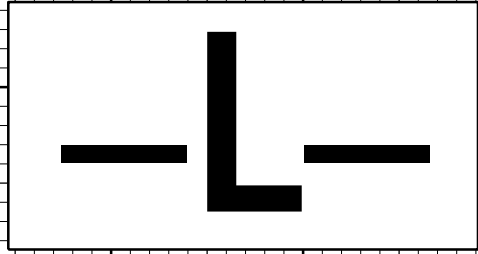


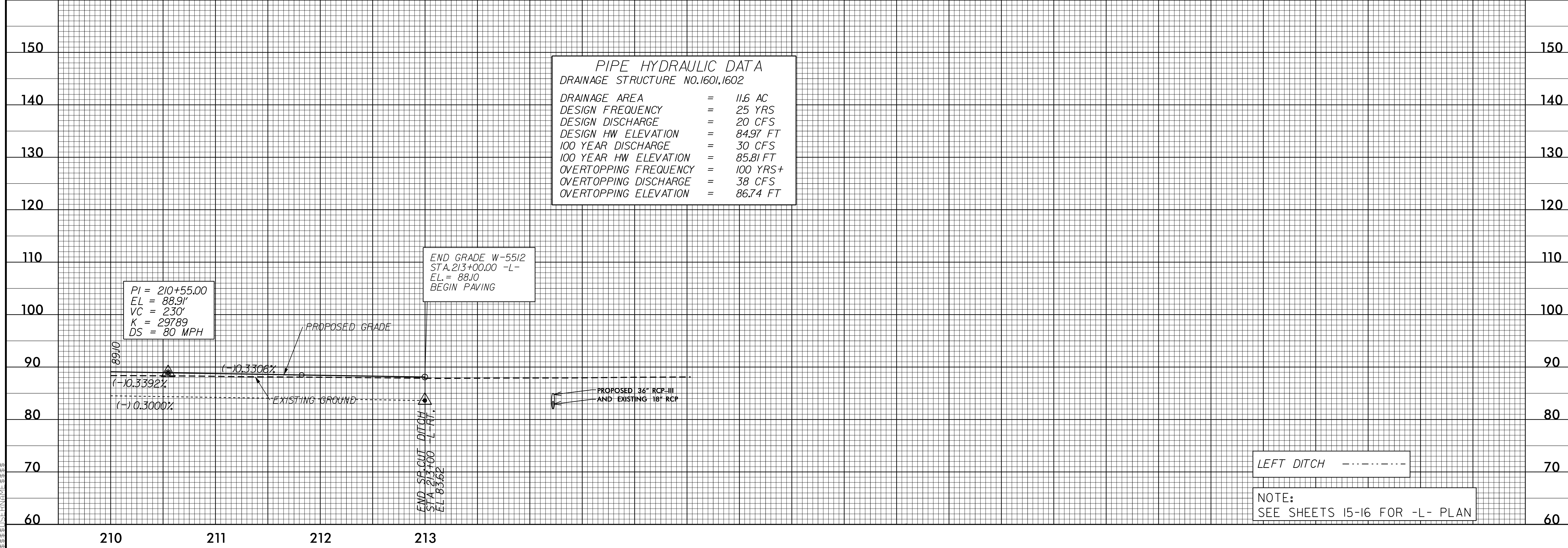
5/28/99

PROJECT REFERENCE NO. W-5512	SHEET NO. 22
ROADWAY DESIGN ENGINEER JIM L. JAMES, P.E. 3/28/2015	HYDRAULICS ENGINEER MELANIE MYNEN 3/28/2015



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.1601,1602

DRAINAGE AREA	=	11.6 AC
DESIGN FREQUENCY	=	25 YRS
DESIGN DISCHARGE	=	20 CFS
DESIGN HW ELEVATION	=	84.97 FT
100 YEAR DISCHARGE	=	30 CFS
100 YEAR HW ELEVATION	=	85.81 FT
OVERTOPPING FREQUENCY	=	100 YRS+
OVERTOPPING DISCHARGE	=	38 CFS
OVERTOPPING ELEVATION	=	86.74 FT



LEFT DITCH - - - - -

NOTE:
SEE SHEETS 15-16 FOR -L- PLAN

C:\MAR2015\1142\03\W-5512\PROJ\W-5512_RdL_PFL_22.DGN