PROJECT REFERENCE NO.	SHEET NO.
R-513 BB	51

METRIC

ROADWAY DESIGN ENGINEER 06-03-04

NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW

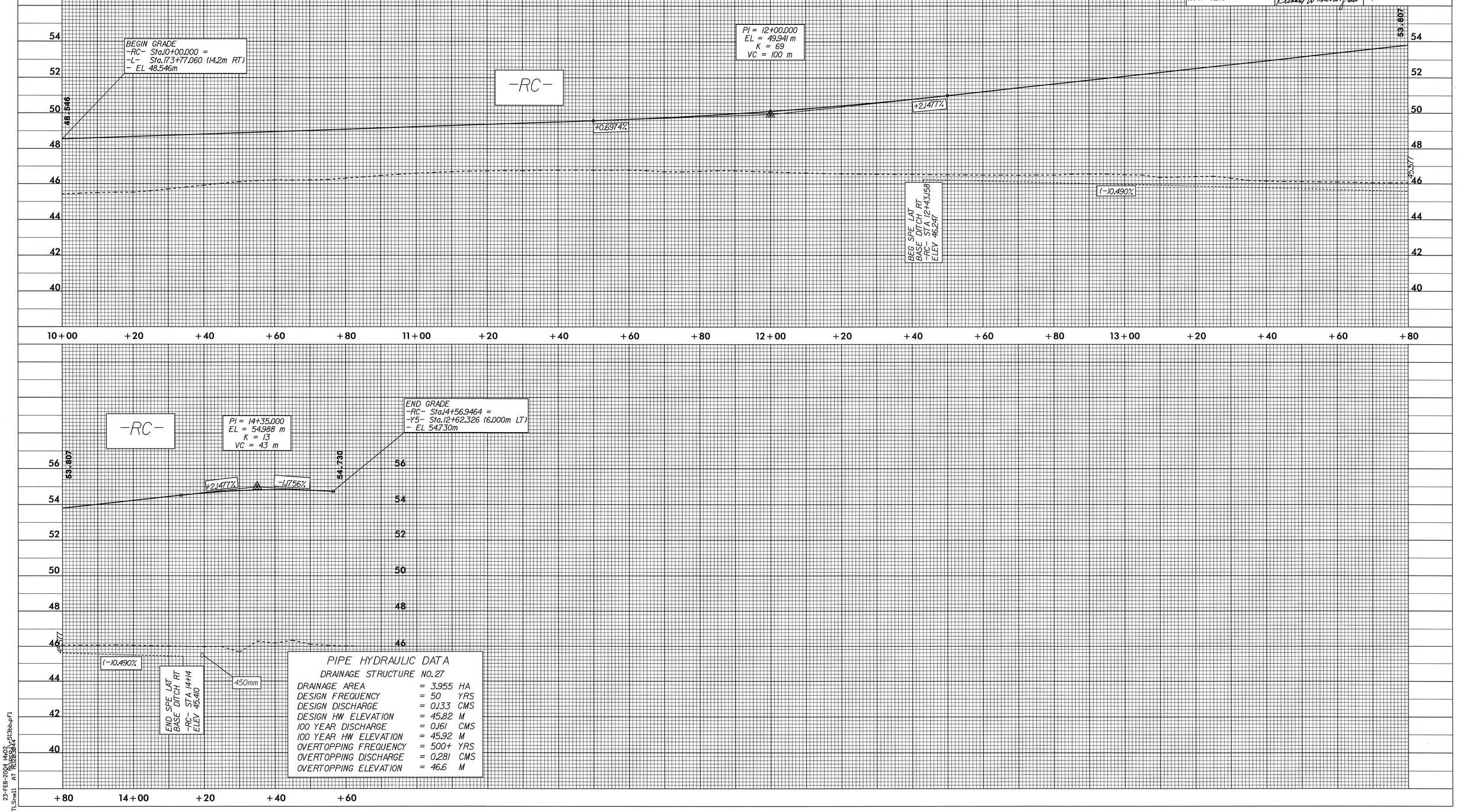
HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDALL C. HENEGAR

R.C. 8-18-04

CONST.REV.

R /W REV.



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. 27

DRAINAGE AREA	= 3.955	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.133	CMS
DESIGN HW ELEVATION	= 45.82	M
100 YEAR DISCHARGE	= 0.161	CMS
100 YEAR HW ELEVATION	= 45.92	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.281	CMS
OVERTOPPING ELEVATION	= 46.6	M

10/26/98

23-FEB-2004 14:02 R:\proj\r-513bb.pf1
TLSnell AT RD203044