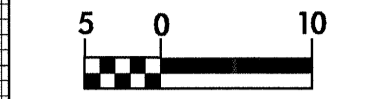
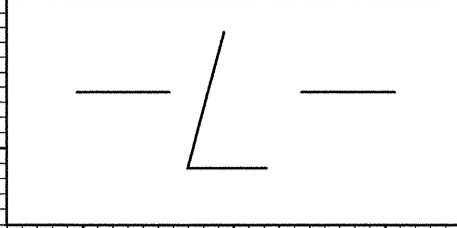
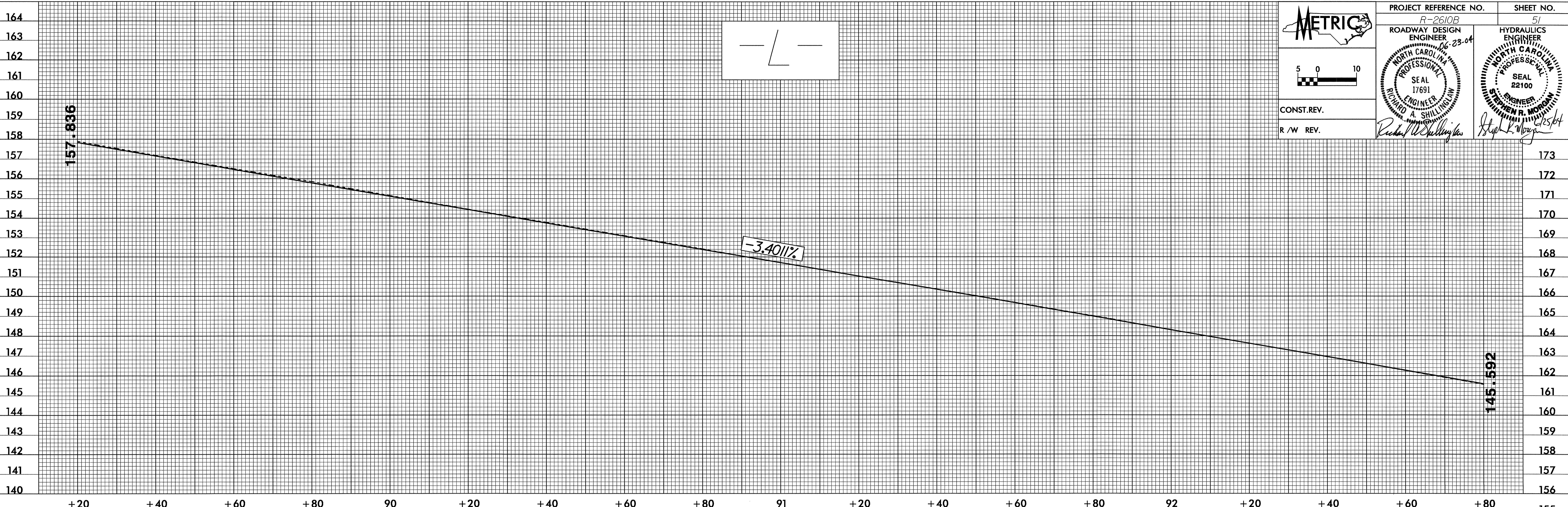
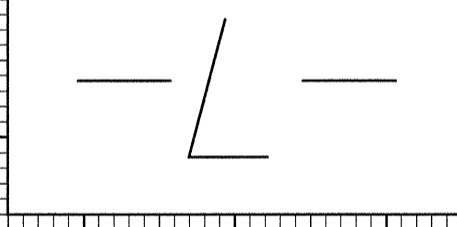
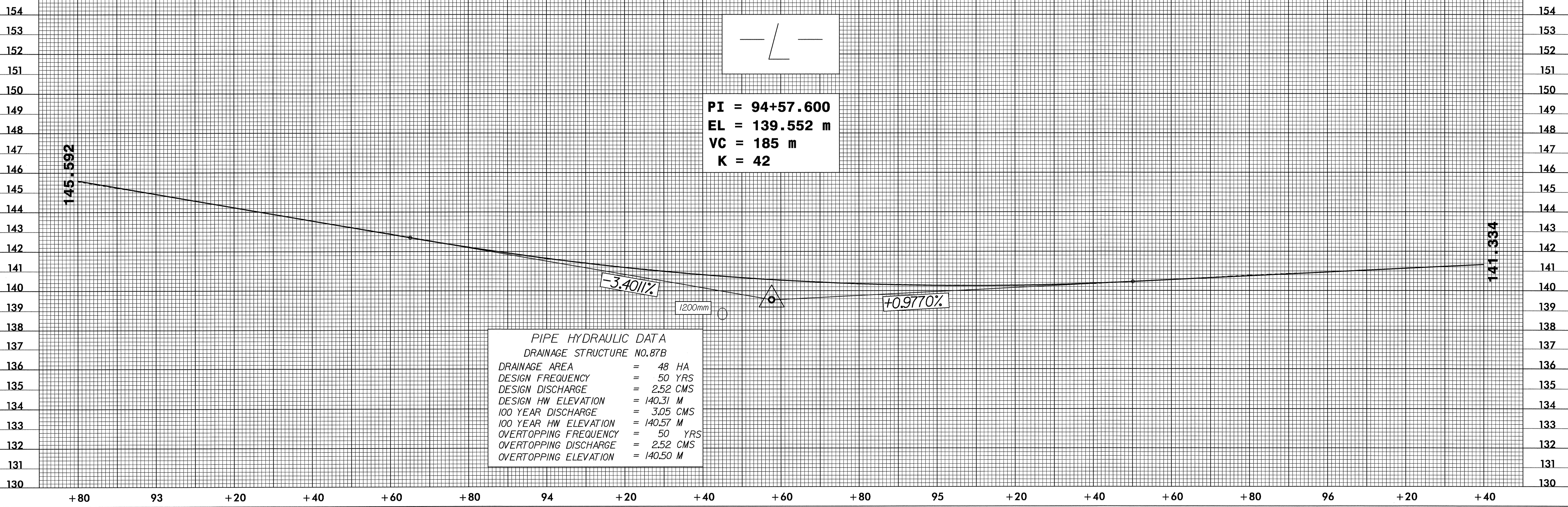


07/26/04



CONST.REV.
R /W REV.

PROJECT REFERENCE NO. R-2610B	SHEET NO. 51
ROADWAY DESIGN ENGINEER 06-23-04	HYDRAULICS ENGINEER
<i>Richard A. Shillineau</i>	<i>Stephen R. Morgan</i>



PI = 94+57.600
EL = 139.552 m
VC = 185 m
K = 42

1200mm

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.87B	
DRAINAGE AREA	= 48 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 2.52 CMS
DESIGN HW ELEVATION	= 140.31 M
100 YEAR DISCHARGE	= 3.05 CMS
100 YEAR HW ELEVATION	= 140.57 M
OVERTOPPING FREQUENCY	= 50 YRS
OVERTOPPING DISCHARGE	= 2.52 CMS
OVERTOPPING ELEVATION	= 140.50 M

23-OCT-2003 15:03
Y:\work\AT\107888\2610b.pfl