


10/2/05/08

15 MAR 2005 15:11
JL Teague
R:\Projects\RD223230\intermeop1



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CONST. REV.
R / W REV.

PROJECT REFERENCE NO. **R-2552AA**

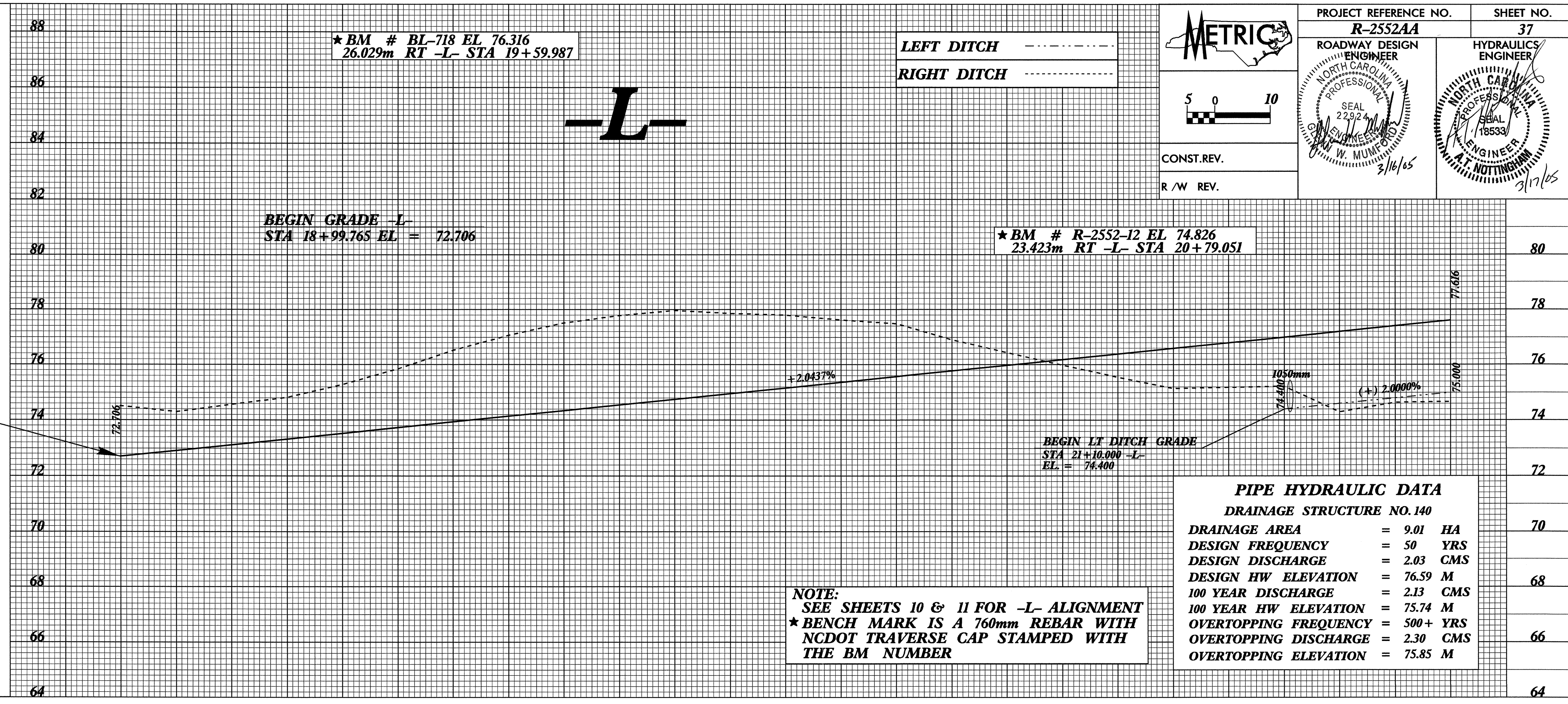
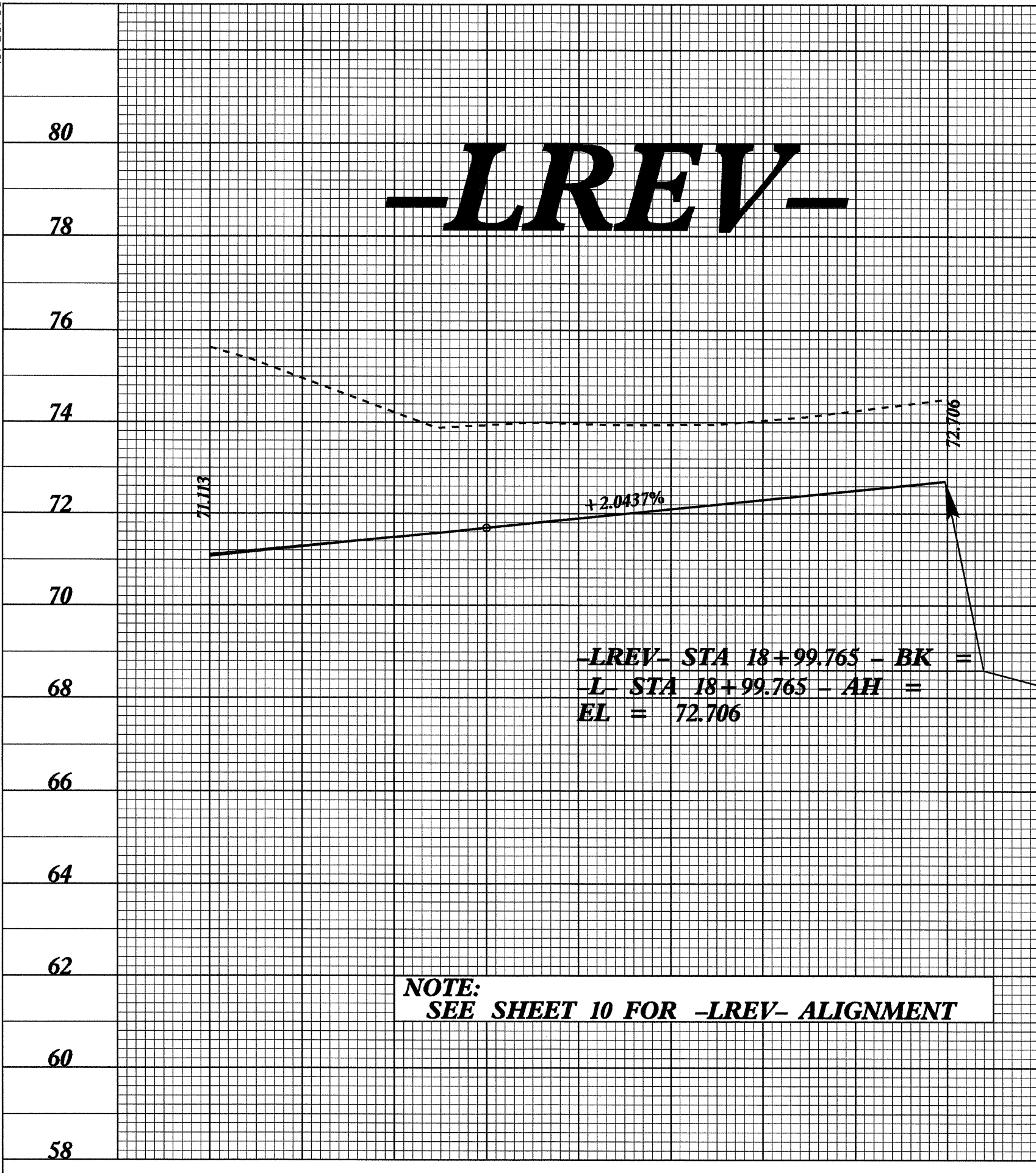
ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

SEAL 22,924
W. W. MUMFORD
3/16/05

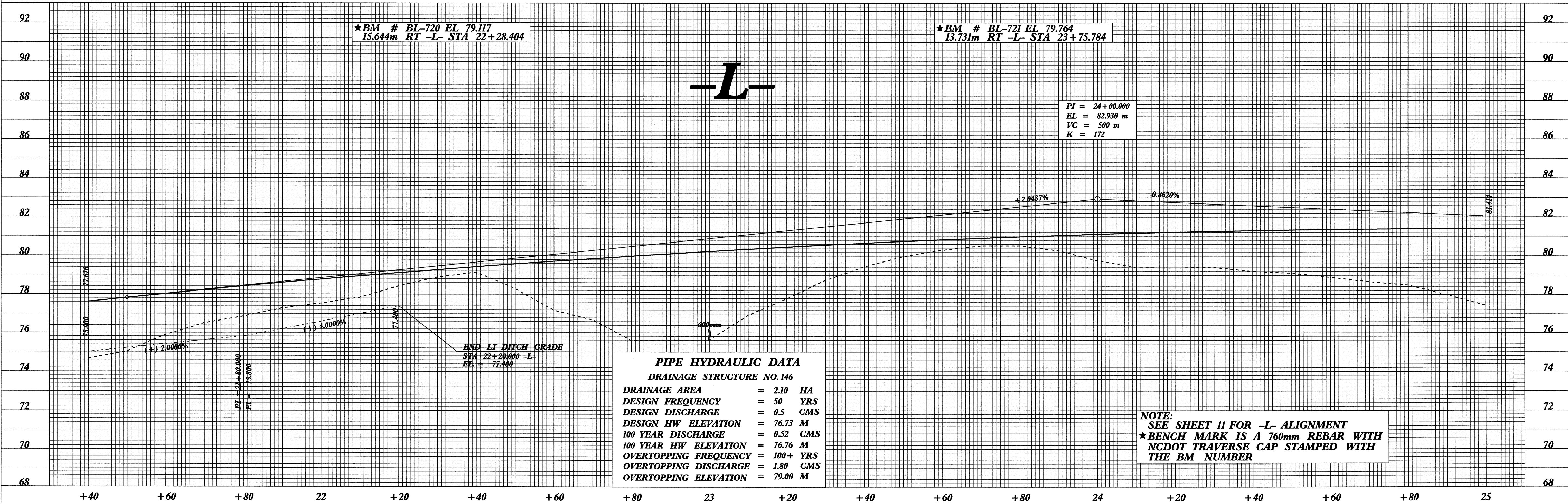
SEAL 18533
T. NOTTINGHAM
3/17/05

SHEET NO. **37**



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 140

DRAINAGE AREA	= 9.01	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 2.03	CMS
DESIGN HW ELEVATION	= 76.59	M
100 YEAR HW ELEVATION	= 2.13	CMS
100 YEAR HW ELEVATION	= 75.74	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 2.30	CMS
OVERTOPPING ELEVATION	= 75.85	M



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 146

DRAINAGE AREA	= 2.10	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.5	CMS
DESIGN HW ELEVATION	= 76.73	M
100 YEAR DISCHARGE	= 0.52	CMS
100 YEAR HW ELEVATION	= 76.76	M
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 1.80	CMS
OVERTOPPING ELEVATION	= 79.00	M