PROJECT REFERENCE NO.	SHEET NO.
R-2552C	60

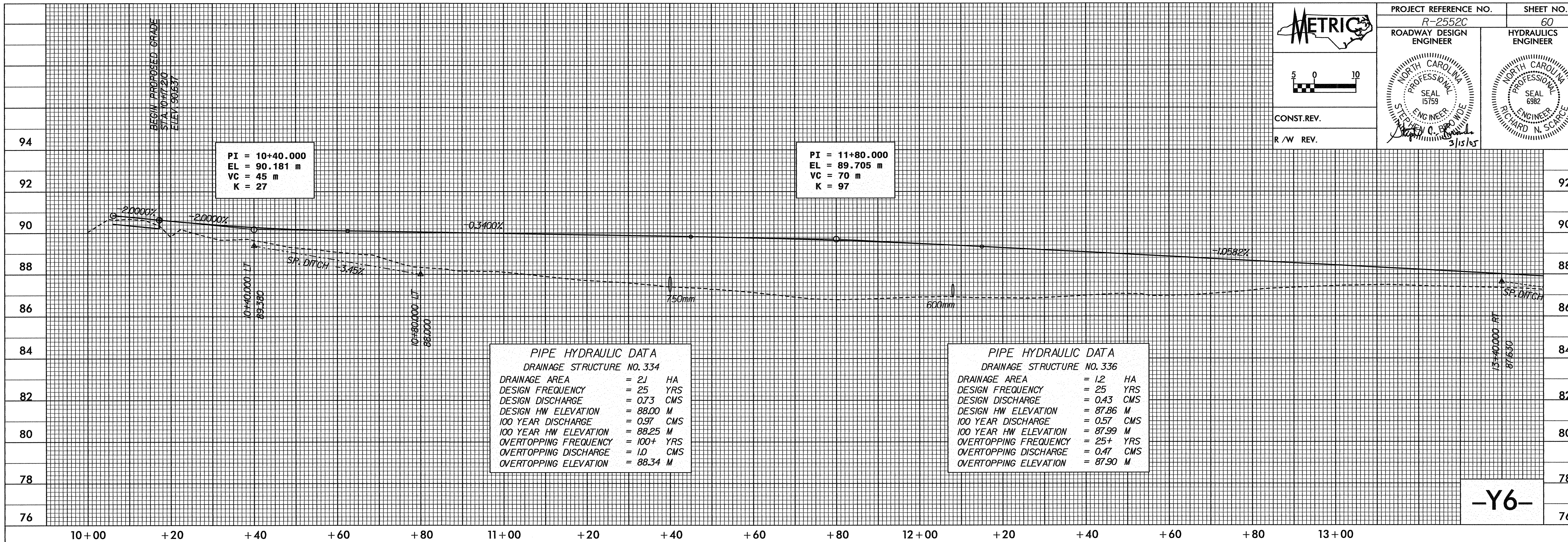
METRIC

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15759 STEPHEN C. BROWDE — 3/15/05

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 6982 RICHARD N. SCARCE

CONST.REV.

R /W REV.



PIPE HYDRAULIC DATA

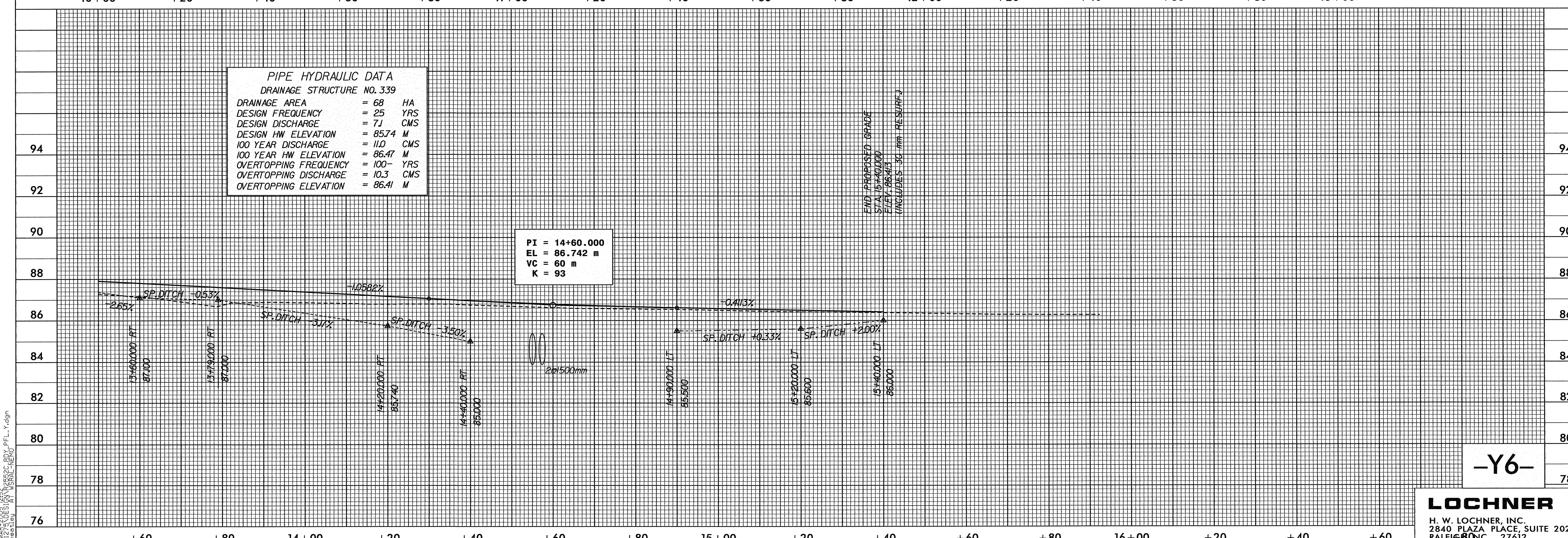
DRAINAGE STRUCTURE NO. 334

DRAINAGE AREA	= 2.1	HA
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 0.73	CMS
DESIGN HW ELEVATION	= 88.00	M
100 YEAR DISCHARGE	= 0.97	CMS
100 YEAR HW ELEVATION	= 88.25	M
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 1.0	CMS
OVERTOPPING ELEVATION	= 88.34	M

PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. 336

DRAINAGE AREA	= 1.2	HA
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 0.43	CMS
DESIGN HW ELEVATION	= 87.86	M
100 YEAR DISCHARGE	= 0.57	CMS
100 YEAR HW ELEVATION	= 87.99	M
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING DISCHARGE	= 0.47	CMS
OVERTOPPING ELEVATION	= 87.90	M



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. 339

DRAINAGE AREA	= 68	HA
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 7.1	CMS
DESIGN HW ELEVATION	= 85.74	M
100 YEAR DISCHARGE	= 11.0	CMS
100 YEAR HW ELEVATION	= 86.47	M
OVERTOPPING FREQUENCY	= 100-	YRS
OVERTOPPING DISCHARGE	= 10.3	CMS
OVERTOPPING ELEVATION	= 86.41	M

LOCHNER

H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612

17-MAR-2005 12:52
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