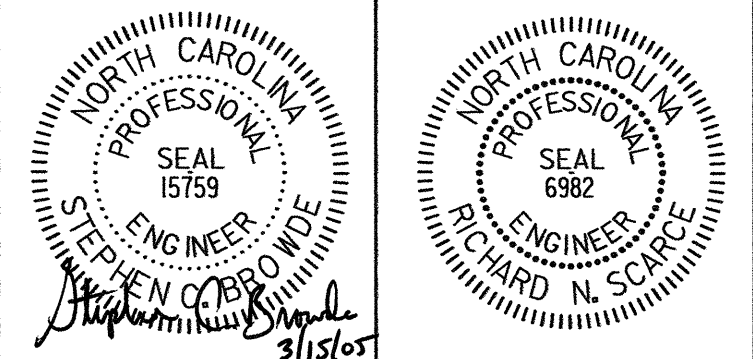


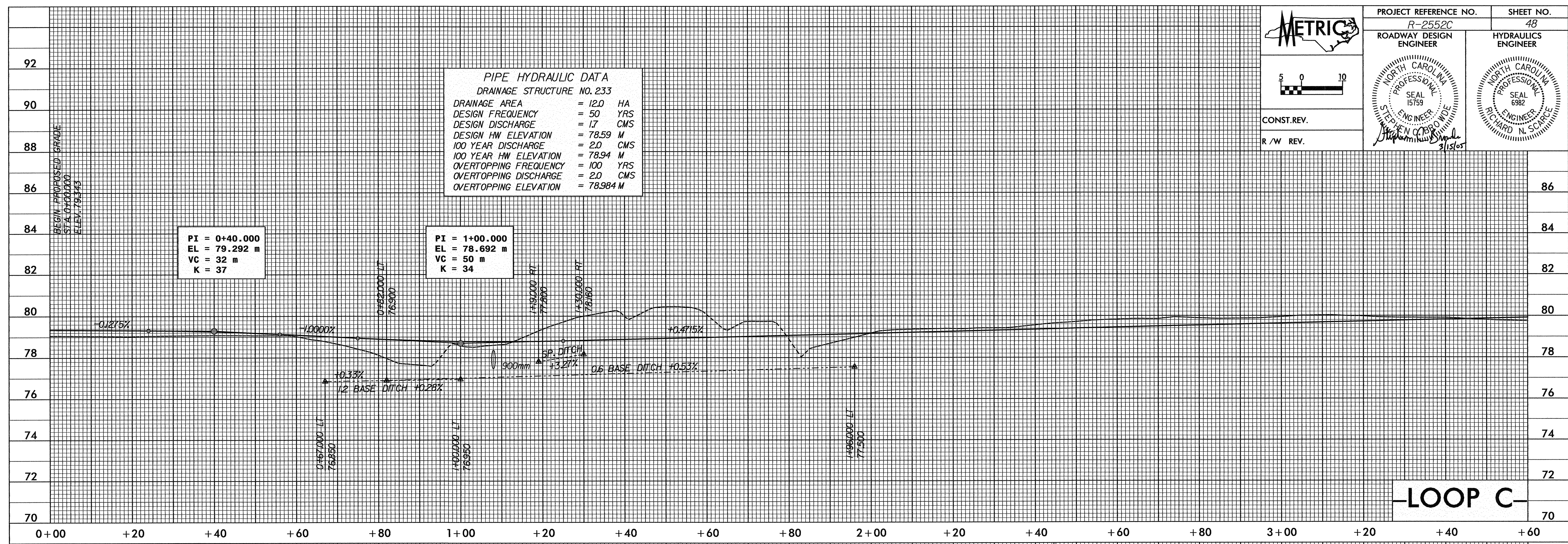
CONST. REV.

R/W REV.



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 233

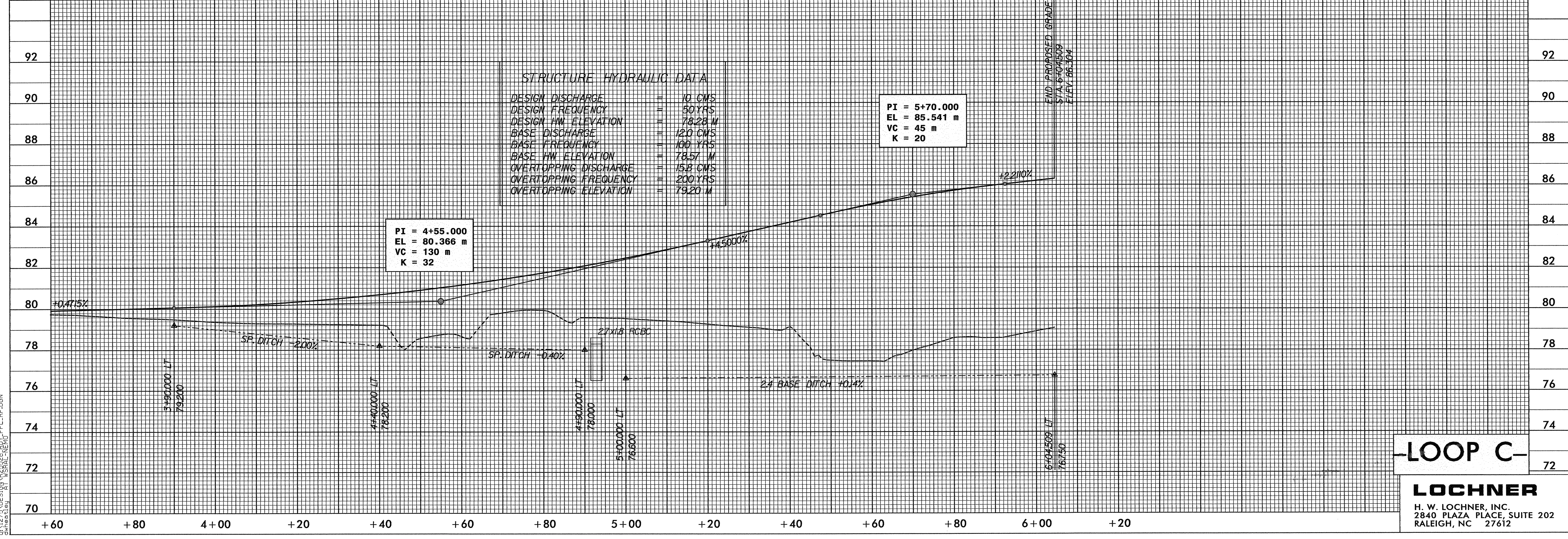
DRAINAGE AREA	= 120 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 17 CMS
DESIGN HW ELEVATION	= 78.59 M
100 YEAR DISCHARGE	= 2.0 CMS
100 YEAR HW ELEVATION	= 78.94 M
OVERTOPPING FREQUENCY	= 100 YRS
OVERTOPPING DISCHARGE	= 2.0 CMS
OVERTOPPING ELEVATION	= 78.984 M



-LOOP C-

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 10 CMS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 78.28 M
BASE DISCHARGE	= 12.0 CMS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 78.57 M
OVERTOPPING DISCHARGE	= 15.8 CMS
OVERTOPPING FREQUENCY	= 200 YRS
OVERTOPPING ELEVATION	= 79.20 M



-LOOP C-

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

IT-MAR-2005 P252
SA-12-25 DESIGN R-2552C-REV. PFL-RR-DGN
DATE: 01/11/05