

6/09/99

PROJECT REFERENCE NO. R-2568B SHEET NO. 33

ROADWAY DESIGN ENGINEER SEAL 22557

HYDRAULICS ENGINEER SEAL 22100

CONST. REV. _____

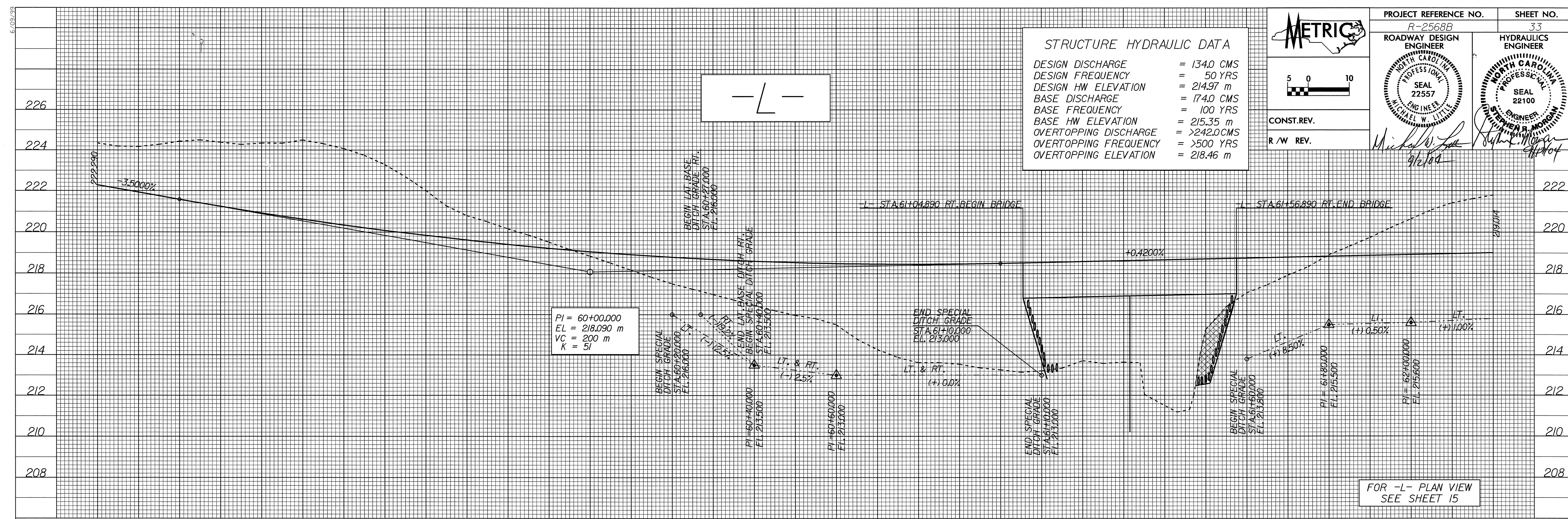
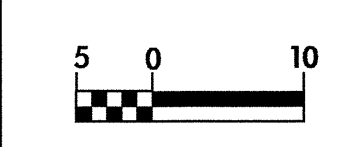
R/W REV. _____

Michael W. Lillie 8/2/04

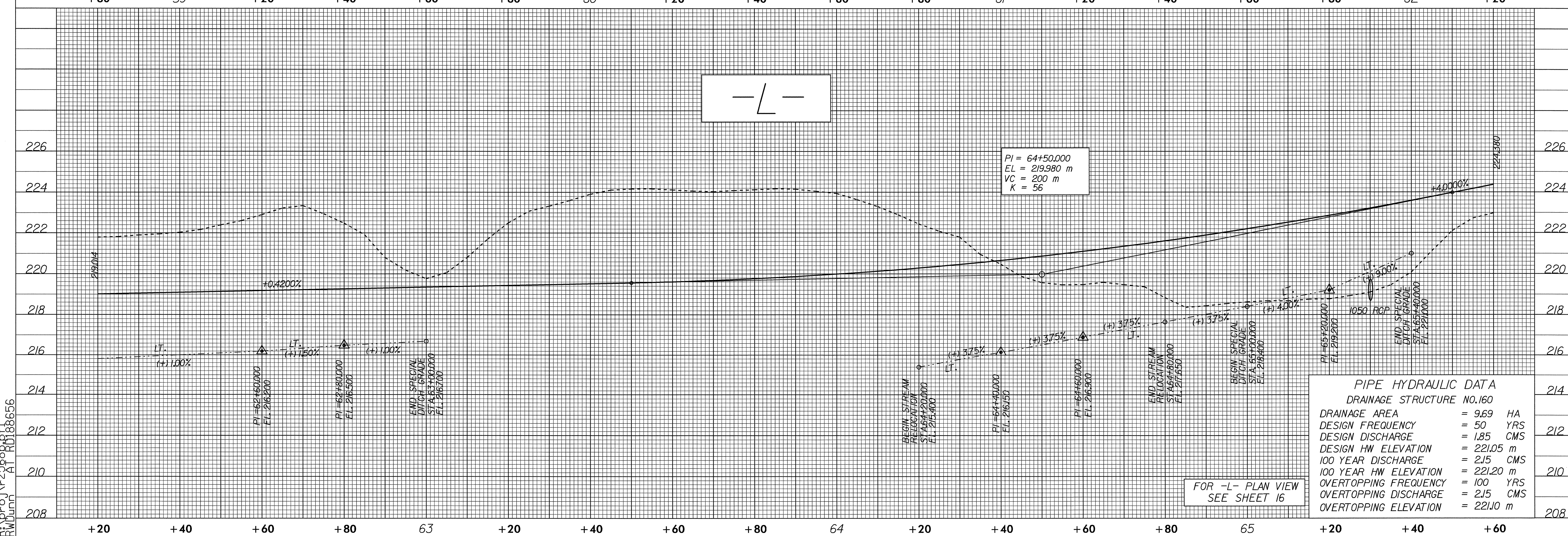
Stephen R. Morgan 8/2/04

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 134.0 CMS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 214.97 m
BASE DISCHARGE	= 174.0 CMS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 215.35 m
OVERTOPPING DISCHARGE	= >242.0CMS
OVERTOPPING FREQUENCY	= >500 YRS
OVERTOPPING ELEVATION	= 218.46 m



FOR -L- PLAN VIEW
SEE SHEET 15



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.160

DRAINAGE AREA	= 9.69 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 1.85 CMS
DESIGN HW ELEVATION	= 221.05 m
100 YEAR DISCHARGE	= 2.15 CMS
100 YEAR HW ELEVATION	= 221.20 m
OVERTOPPING FREQUENCY	= 100 YRS
OVERTOPPING DISCHARGE	= 2.15 CMS
OVERTOPPING ELEVATION	= 221.10 m

FOR -L- PLAN VIEW
SEE SHEET 16

26-JUL-2004 15:22
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RW.Dunn AT R0188656