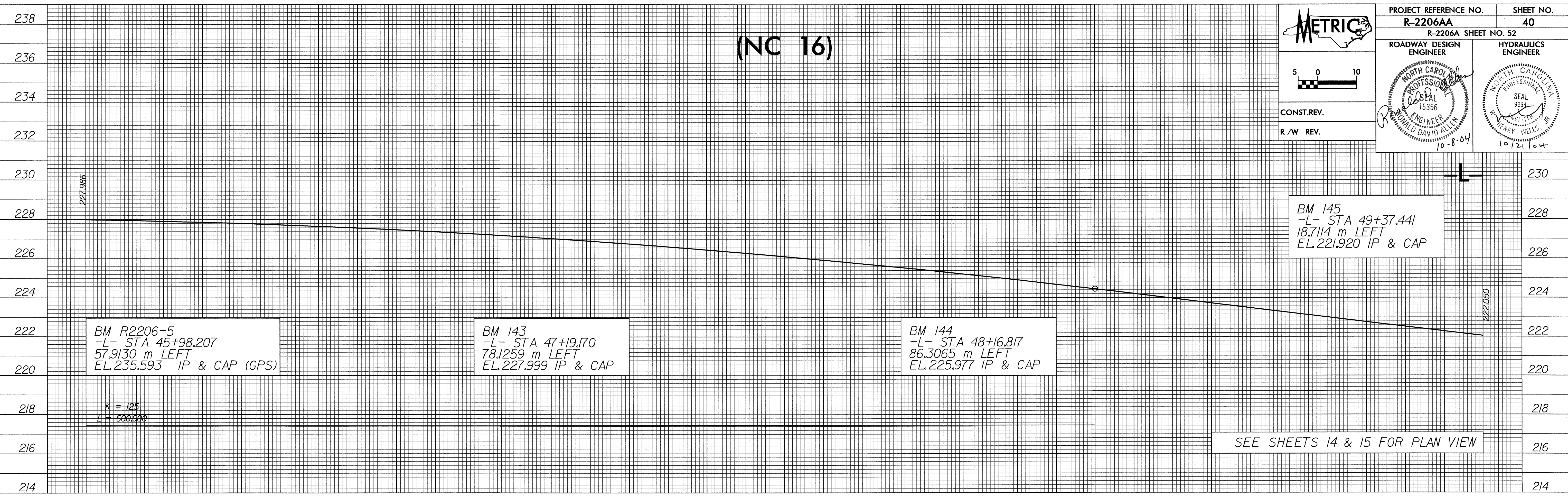


10/26/08

21-SEP-2004 07:51  
SECalhoun



**METRIC**

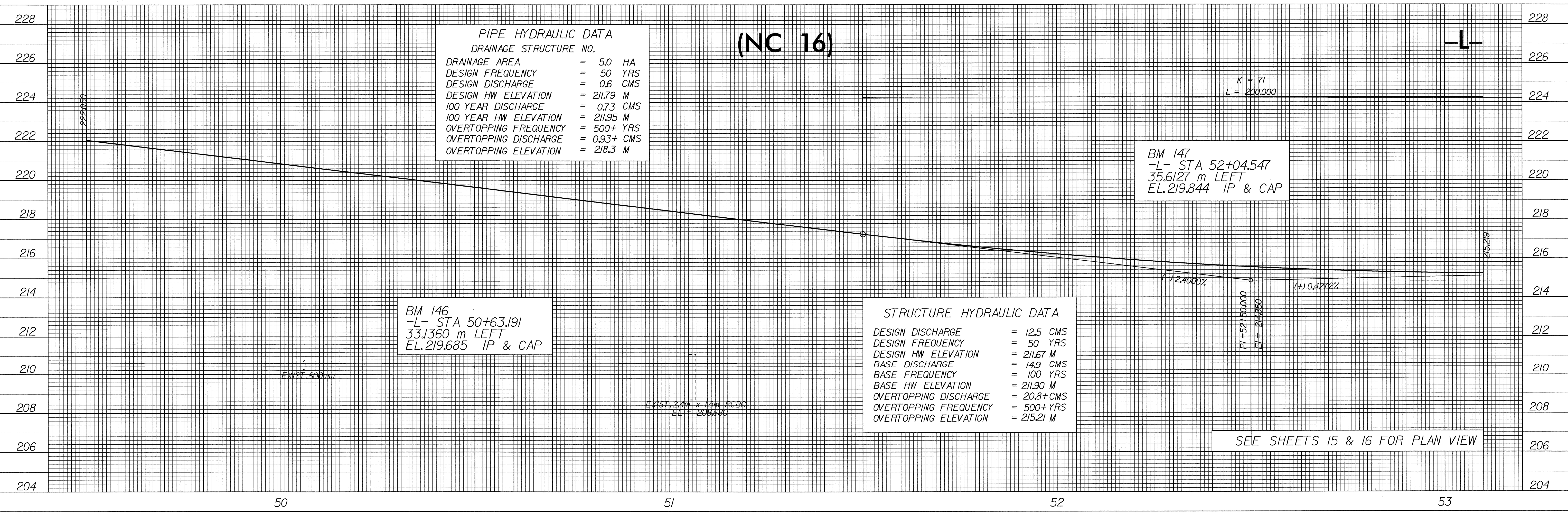
PROJECT REFERENCE NO. R-2206AA SHEET NO. 40  
R-2206A SHEET NO. 52

ROADWAY DESIGN ENGINEER: [Signature]  
HYDRAULICS ENGINEER: [Signature]

5 0 10

CONST. REV.  
R / W REV.

10-8-04  
10/21/04



**PIPE HYDRAULIC DATA**  
DRAINAGE STRUCTURE NO.

DRAINAGE AREA	=	5.0	HA
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	0.6	CMS
DESIGN HW ELEVATION	=	211.79	M
100 YEAR DISCHARGE	=	0.73	CMS
100 YEAR HW ELEVATION	=	211.95	M
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	0.93+	CMS
OVERTOPPING ELEVATION	=	218.3	M

**STRUCTURE HYDRAULIC DATA**

DESIGN DISCHARGE	=	12.5	CMS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	211.67	M
BASE DISCHARGE	=	14.9	CMS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	211.90	M
OVERTOPPING DISCHARGE	=	20.8+	CMS
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING ELEVATION	=	215.21	M