

PROJECT REFERENCE NO. R-2206C SHEET NO. 59

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

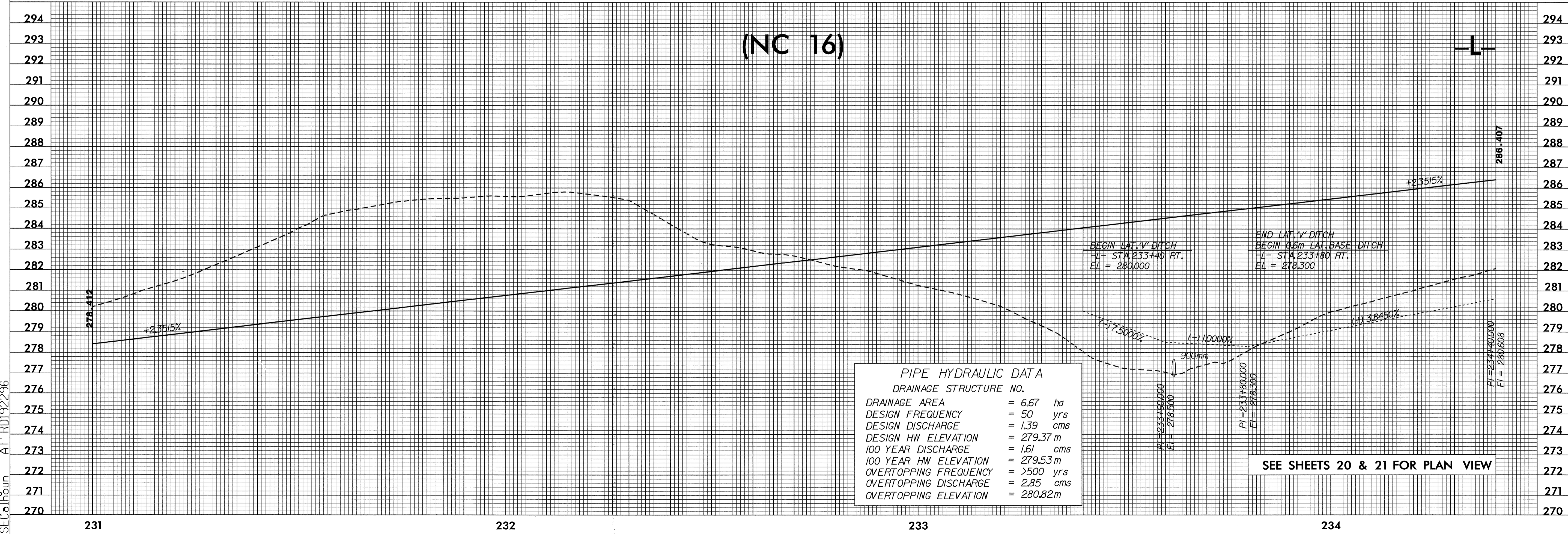
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CONST. REV.

R / W REV.

NORTH CAROLINA PROFESSIONAL SEAL 15356 ENGINEER DONALD DAVID KILLEN 9-2-04

NORTH CAROLINA PROFESSIONAL SEAL 14160 ENGINEER DOUGLAS J. HARRIS 7/16/04



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.

DRAINAGE AREA	= 6.67 ha
DESIGN FREQUENCY	= 50 yrs
DESIGN DISCHARGE	= 1.39 cms
DESIGN HW ELEVATION	= 279.37 m
100 YEAR DISCHARGE	= 1.61 cms
100 YEAR HW ELEVATION	= 279.53 m
OVERTOPPING FREQUENCY	= >500 yrs
OVERTOPPING DISCHARGE	= 2.85 cms
OVERTOPPING ELEVATION	= 280.82m

SEE SHEETS 20 & 21 FOR PLAN VIEW

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 SECalhoun