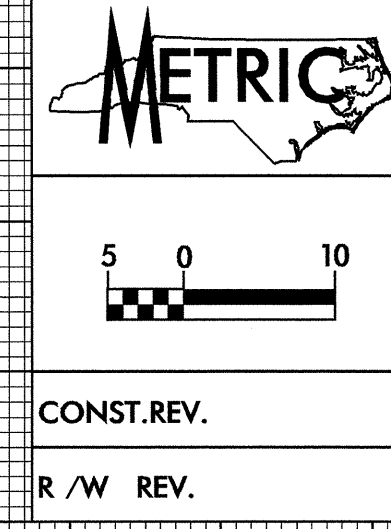
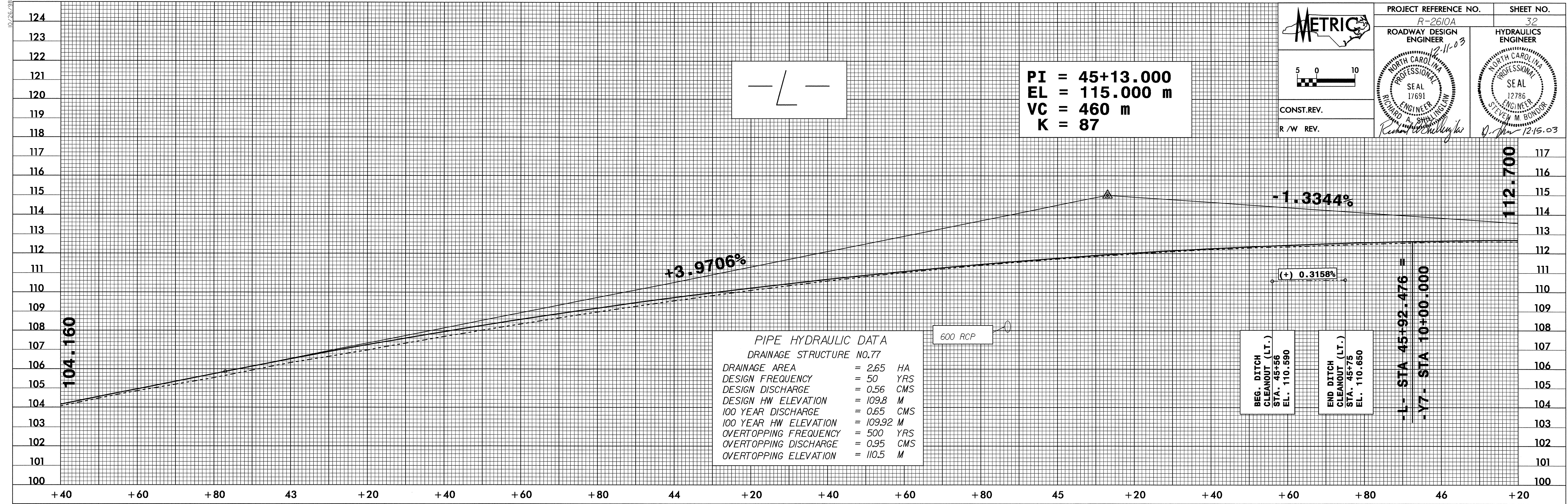


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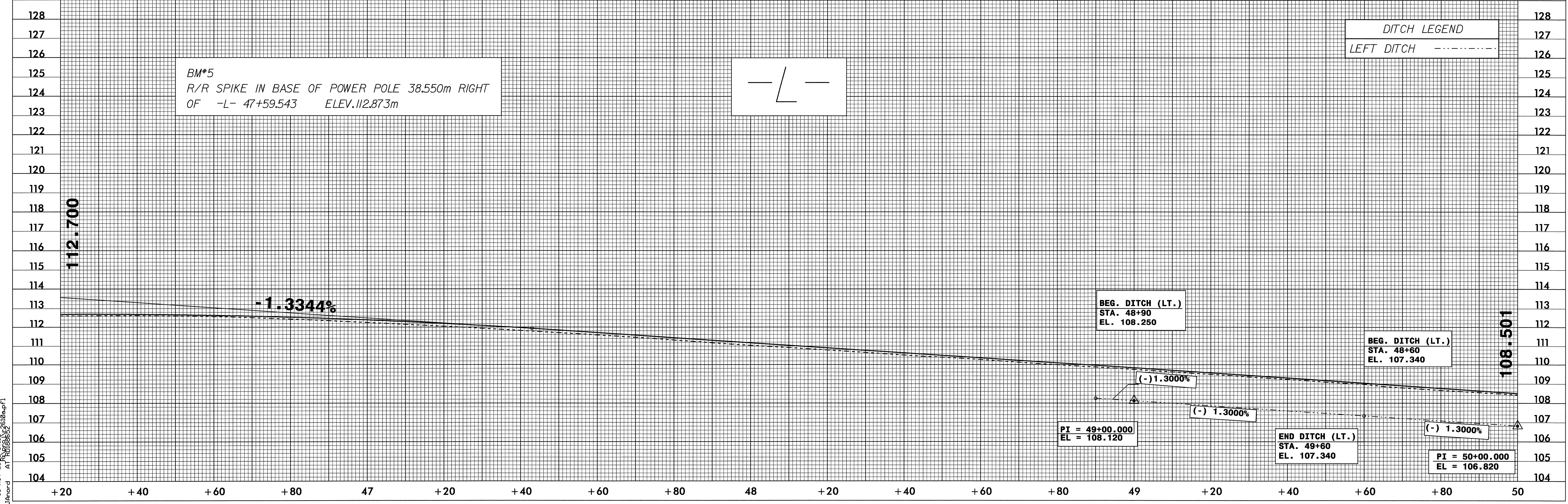
PROJECT REFERENCE NO. R-2610A	SHEET NO. 32
ROADWAY DESIGN ENGINEER 11.03	HYDRAULICS ENGINEER
PROFESSIONAL SEAL 17691 RICHARD A. STALLINWALL ENGINEER	PROFESSIONAL SEAL 12786 STEVEY M. BONDOR ENGINEER
CONST. REV.	R/W REV.

PI = 45+13.000
 EL = 115.000 m
 VC = 460 m
 K = 87



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.77

DRAINAGE AREA	= 2.65	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.56	CMS
DESIGN HW ELEVATION	= 109.8	M
100 YEAR DISCHARGE	= 0.65	CMS
100 YEAR HW ELEVATION	= 109.92	M
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 0.95	CMS
OVERTOPPING ELEVATION	= 110.5	M



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