PROJECT REFERENCE NO.	SHEET NO.
R-2610B	52

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER

06-23-04

NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW

HYDRAULICS ENGINEER

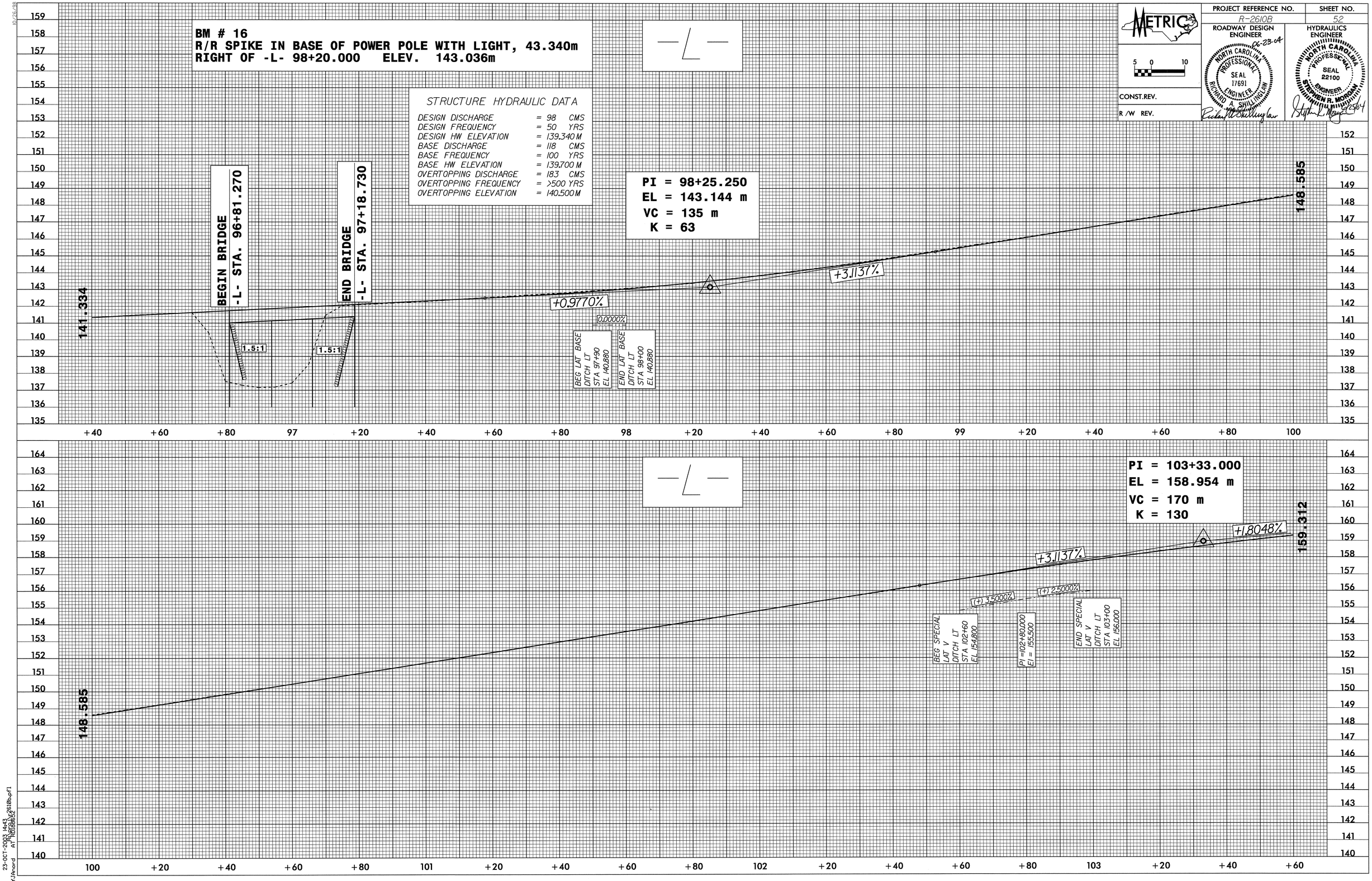
NORTH CAROLINA PROFESSIONAL SEAL 22100 ENGINEER STEPHEN R. MORGAN

BM # 16
R/R SPIKE IN BASE OF POWER POLE WITH LIGHT, 43.340m
RIGHT OF -L- 98+20.000 ELEV. 143.036m

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 98	CMS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 139.340 M	
BASE DISCHARGE	= 118	CMS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 139.700 M	
OVERTOPPING DISCHARGE	= 183	CMS
OVERTOPPING FREQUENCY	= >500	YRS
OVERTOPPING ELEVATION	= 140.500 M	

PI = 98+25.250
EL = 143.144 m
VC = 135 m
K = 63



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