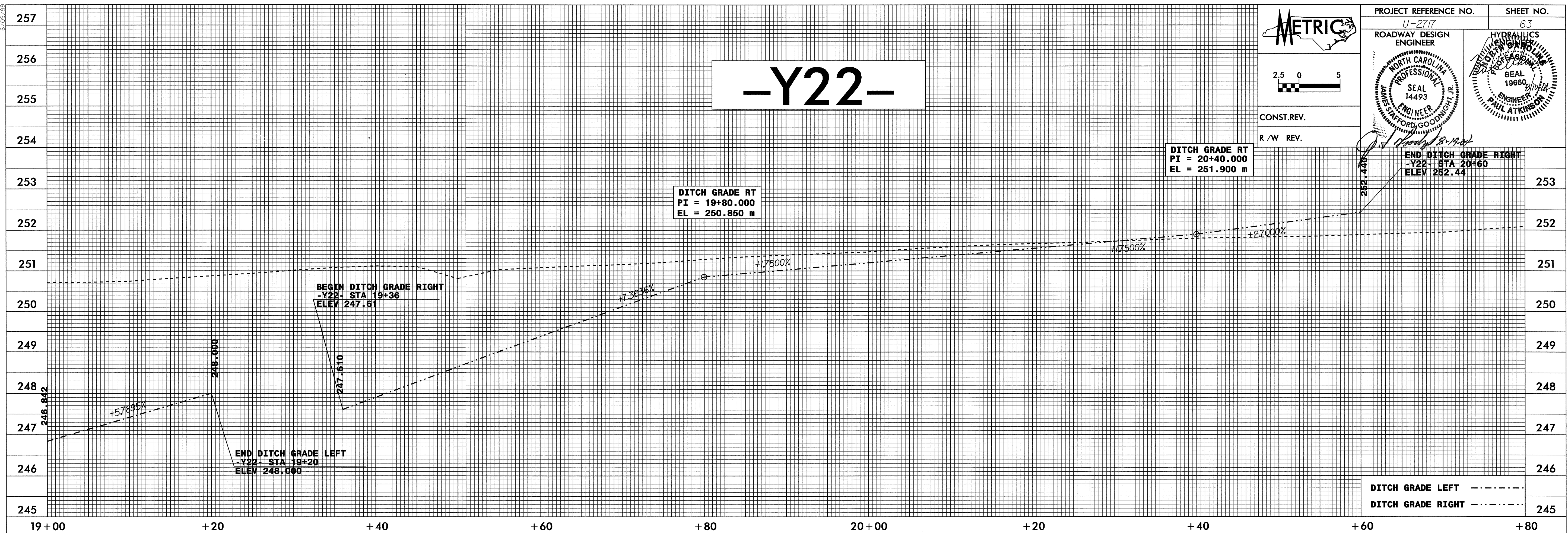


PROJECT REFERENCE NO. U-2717
 SHEET NO. 63
 ROADWAY DESIGN ENGINEER
 HYDRAULICS ENGINEER
 NORTH CAROLINA PROFESSIONAL SEAL 14493
 NORTH CAROLINA PROFESSIONAL SEAL 19660
 JAMES SAFFORD, GOOD NIGHT, JR.
 PAUL ATKINSON

-Y22-



DITCH GRADE LEFT - - - - -
 DITCH GRADE RIGHT - - - - -

-Y22-

450mm

PIPE HYDRAULIC DATA		
DRAINAGE STRUCTURE NO.		
DRAINAGE AREA	= 1.4	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.27	CMS
DESIGN HW ELEVATION	= 251.81	M
100 YEAR DISCHARGE	= 0.31	CMS
100 YEAR HW ELEVATION	= 251.95	M
OVERTOPPING FREQUENCY	= 200	YRS
OVERTOPPING DISCHARGE	= 0.43	CMS
OVERTOPPING ELEVATION	= 252.4	M

03-AUG-2004 09:00
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 BWedeking AT RD196538