5/28/99

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	44

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

Anthony Houser 8/21/2014

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS JR.

W. Henry Wells Jr. 8/18/2014

DITCH LEGEND

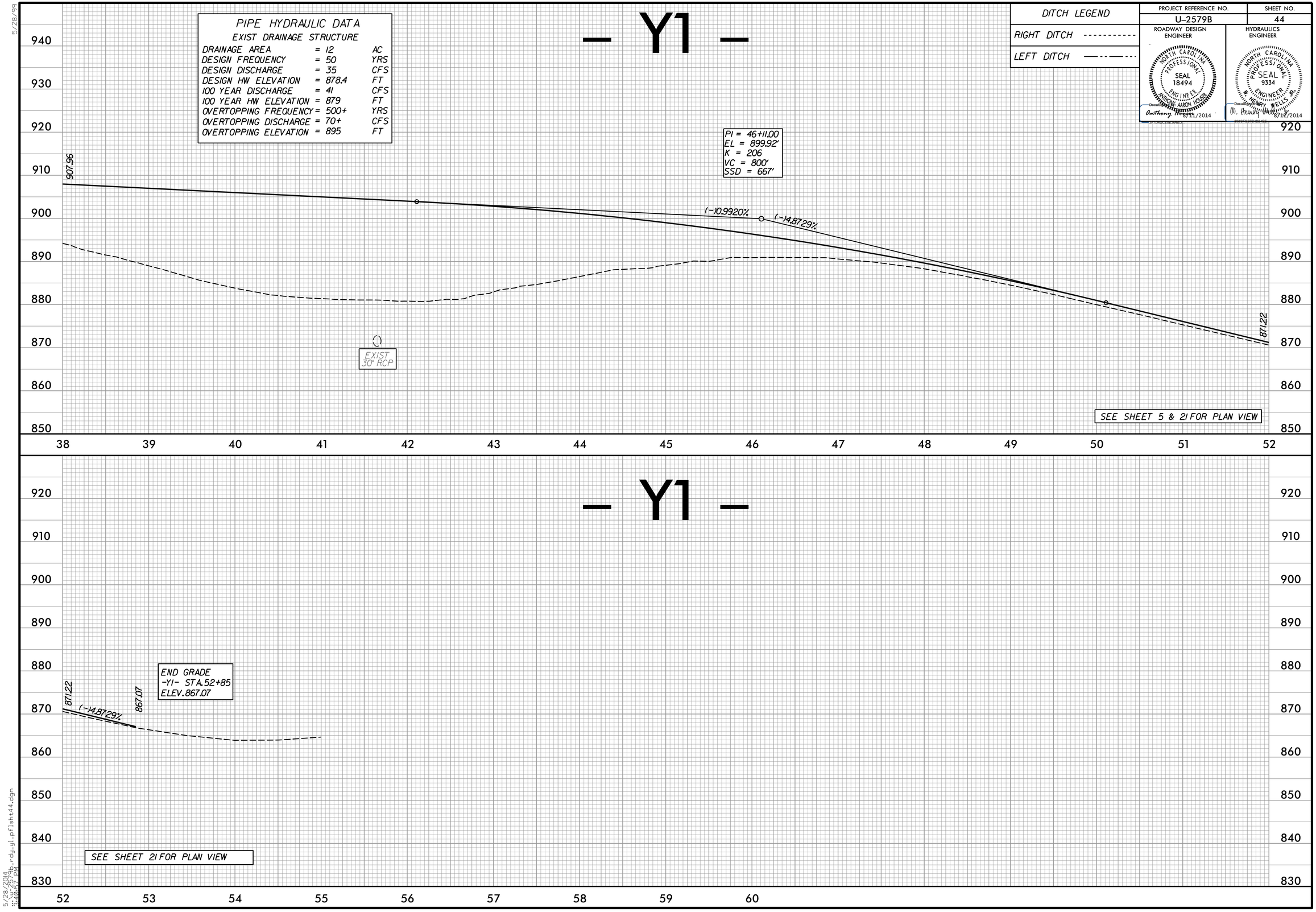
RIGHT DITCH ----------

LEFT DITCH —·—·—

PIPE HYDRAULIC DATA

EXIST DRAINAGE STRUCTURE

DRAINAGE AREA	= 12	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 35	CFS
DESIGN HW ELEVATION	= 878.4	FT
100 YEAR DISCHARGE	= 41	CFS
100 YEAR HW ELEVATION	= 879	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 70+	CFS
OVERTOPPING ELEVATION	= 895	FT



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