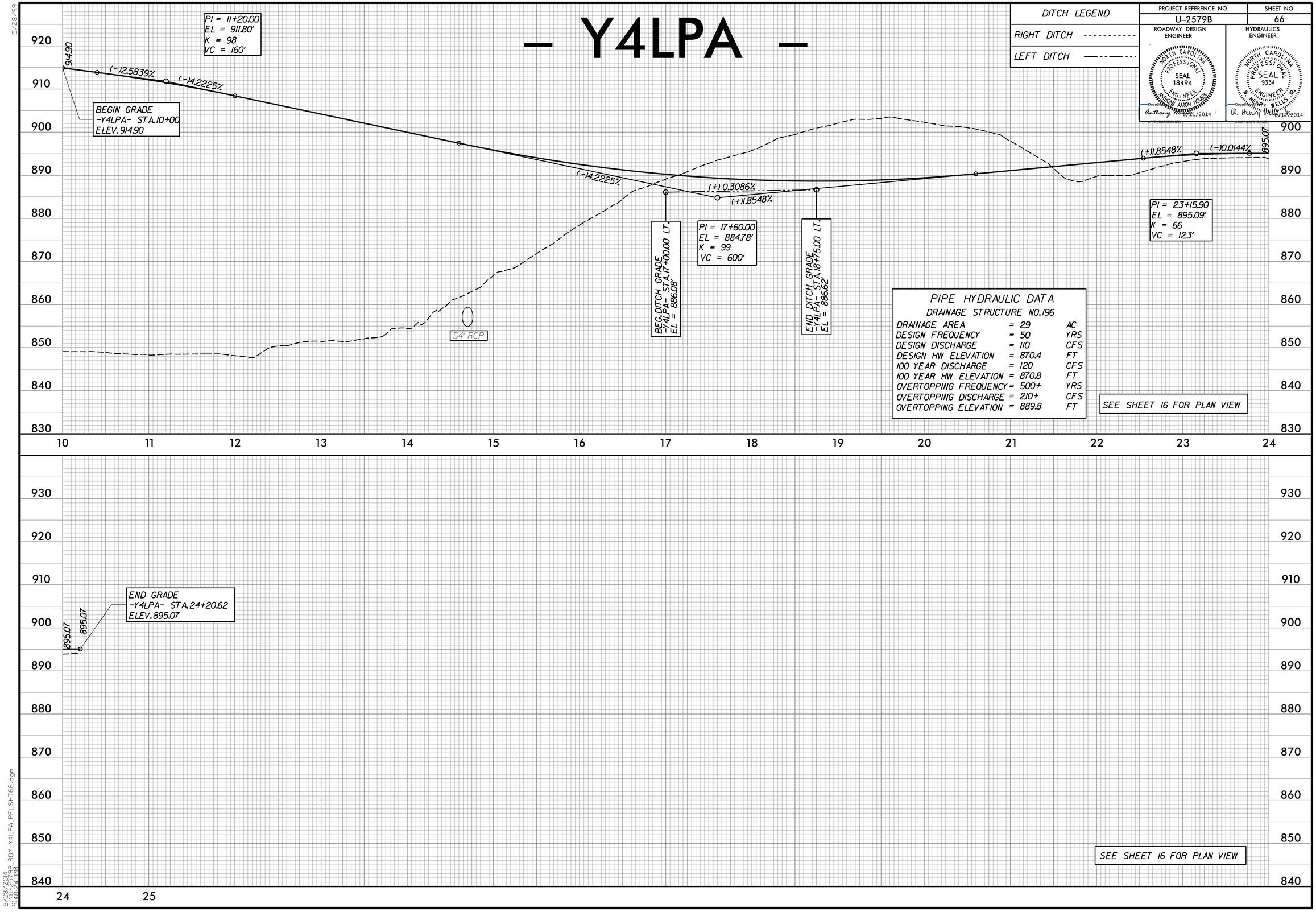
– Y4LPA –

DITCH LEGEND
RIGHT DITCH ----------
LEFT DITCH —·—·—

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	66

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOLDER
DocuSigned by: Anthony 10/21/2014

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS, JR.
DocuSigned by: W. Henry Wells, Jr. 10/13/2014



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.196

DRAINAGE AREA	= 29	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 110	CFS
DESIGN HW ELEVATION	= 870.4	FT
100 YEAR DISCHARGE	= 120	CFS
100 YEAR HW ELEVATION	= 870.8	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 210+	CFS
OVERTOPPING ELEVATION	= 889.8	FT

5/28/99
5/28/2014
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