– Y4RPBD –

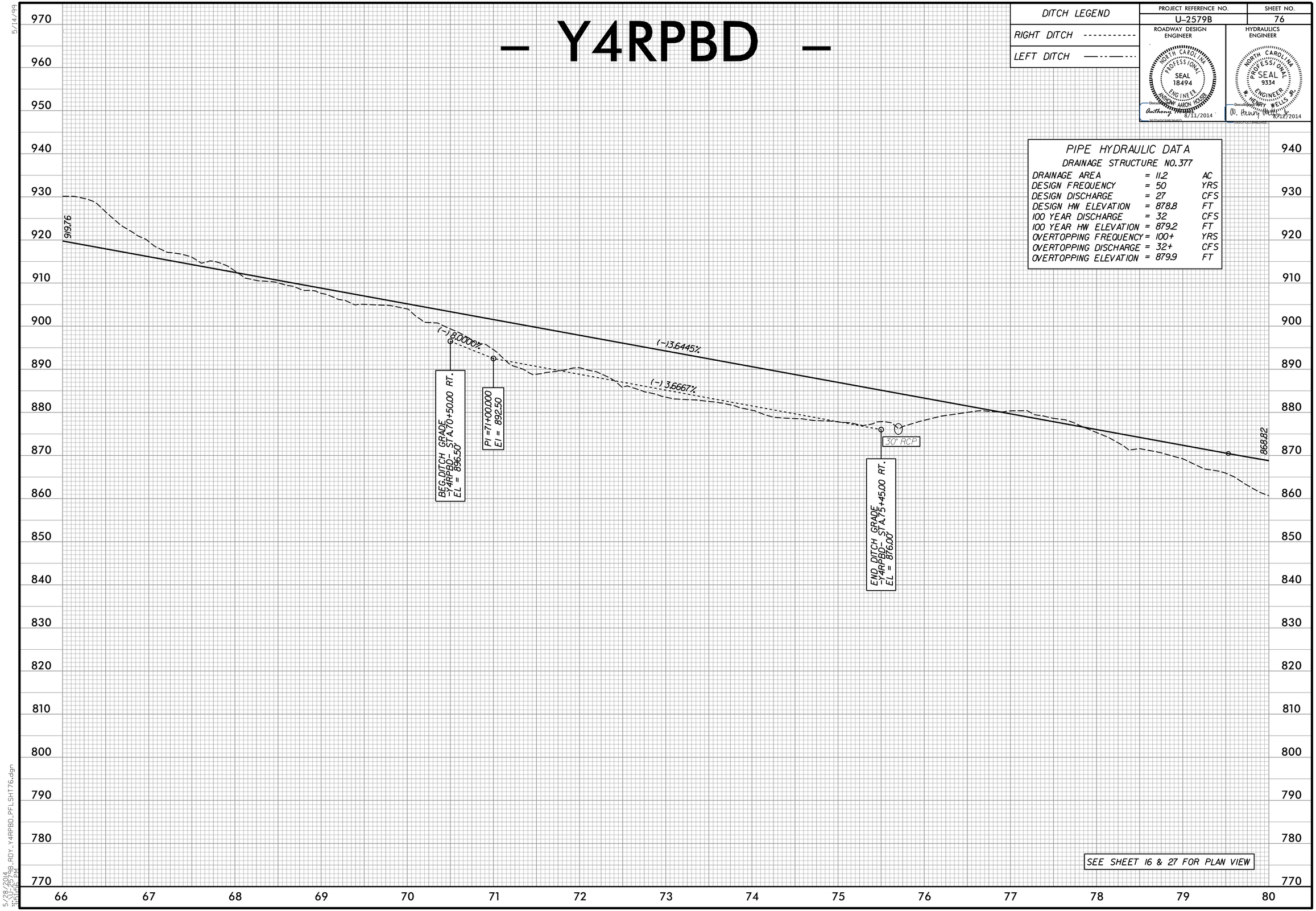
DITCH LEGEND
RIGHT DITCH ----------
LEFT DITCH —·—·—

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	76

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER
8/11/2014

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS, JR.
8/12/2014

PIPE HYDRAULIC DATA		
DRAINAGE STRUCTURE NO. 377		
DRAINAGE AREA	= 11.2	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 27	CFS
DESIGN HW ELEVATION	= 878.8	FT
100 YEAR DISCHARGE	= 32	CFS
100 YEAR HW ELEVATION	= 879.2	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 32+	CFS
OVERTOPPING ELEVATION	= 879.9	FT



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