- Y1DET -

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

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	84

ROADWAY DESIGN ENGINEER

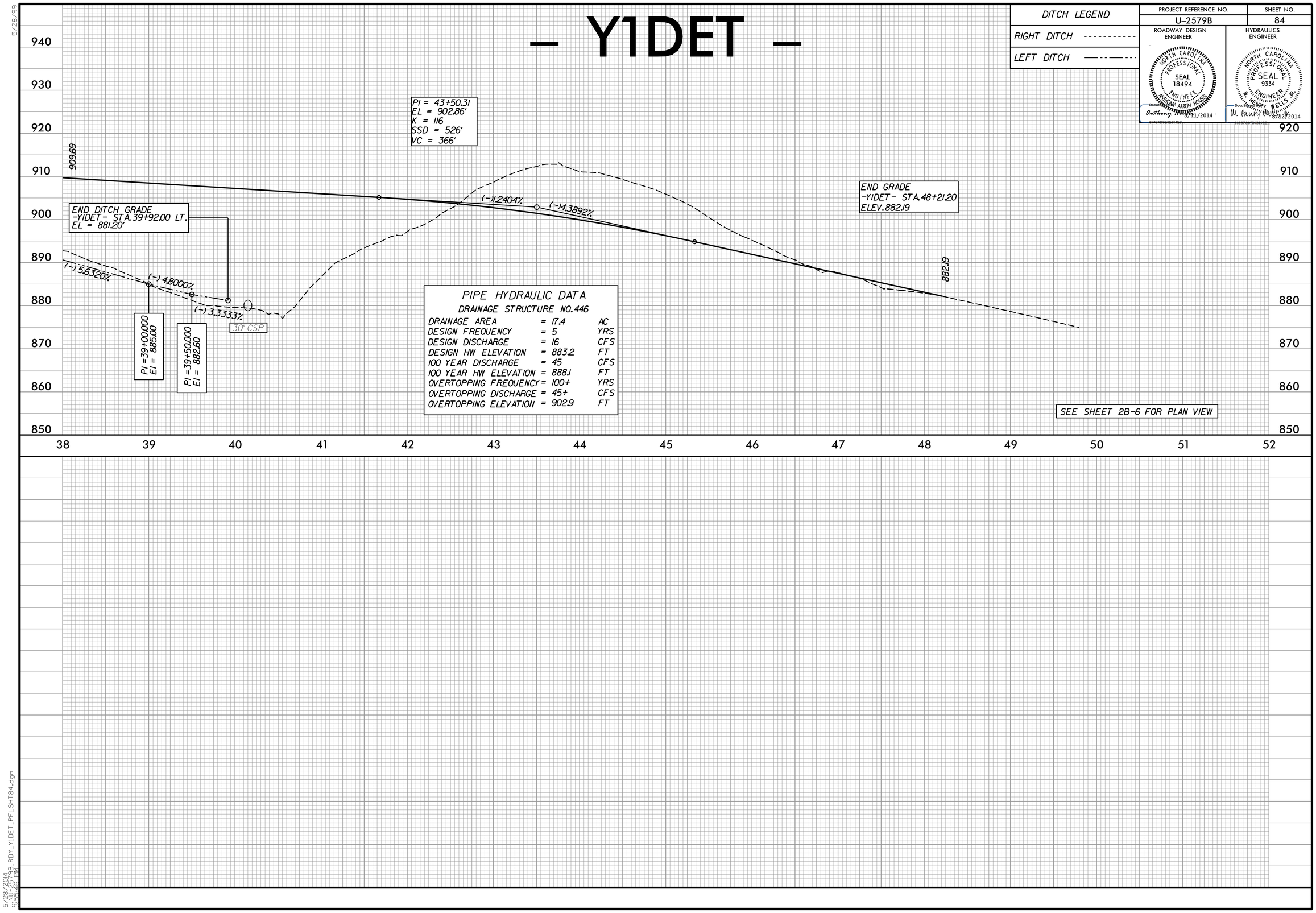
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

Anthony 8/21/2014

HYDRAULICS ENGINEER

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

W. Henry Wells Jr. 8/12/2014



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. 446

DRAINAGE AREA	=	17.4	AC
DESIGN FREQUENCY	=	5	YRS
DESIGN DISCHARGE	=	16	CFS
DESIGN HW ELEVATION	=	883.2	FT
100 YEAR DISCHARGE	=	45	CFS
100 YEAR HW ELEVATION	=	888.1	FT
OVERTOPPING FREQUENCY	=	100+	YRS
OVERTOPPING DISCHARGE	=	45+	CFS
OVERTOPPING ELEVATION	=	902.9	FT

5/28/99

5/28/2014
11:20:46 AM
U:\2579B_RDY_Y1DET_PFL_SHT84.dgn