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

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	42

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

Anthony 8/11/2014

HYDRAULICS ENGINEER

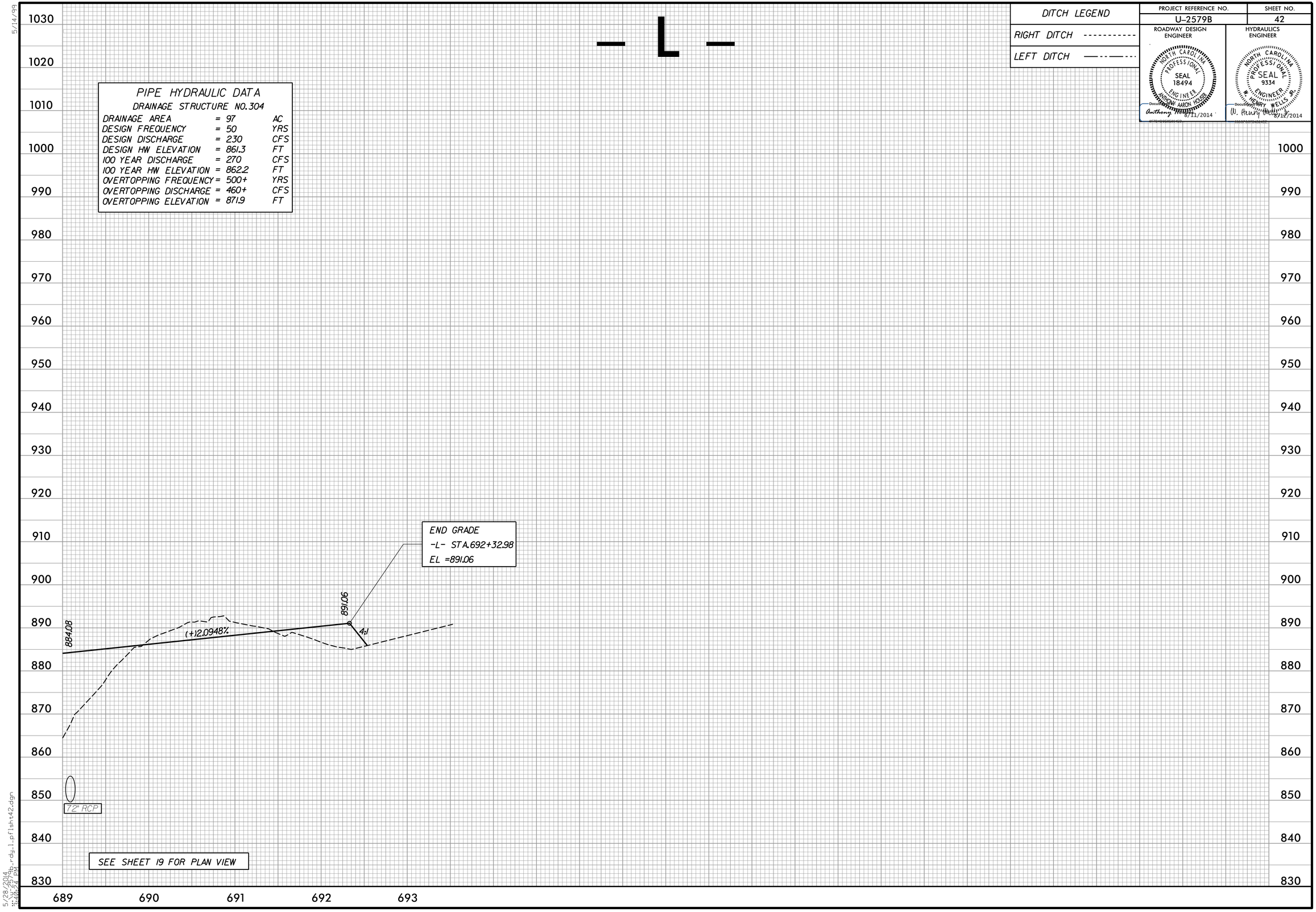
NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS JR.

W. Henry Wells Jr. 8/12/2014

PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. 304

DRAINAGE AREA	=	97	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	230	CFS
DESIGN HW ELEVATION	=	861.3	FT
100 YEAR DISCHARGE	=	270	CFS
100 YEAR HW ELEVATION	=	862.2	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	460+	CFS
OVERTOPPING ELEVATION	=	871.9	FT



5/14/99

5/28/2014
U:\2579b_rdy_1_pfl sht42.dgn
3:10:24 PM