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

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	33

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

DocuSigned by: Anthony Houser 8/13/2014

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER HENRY WELLS JR.

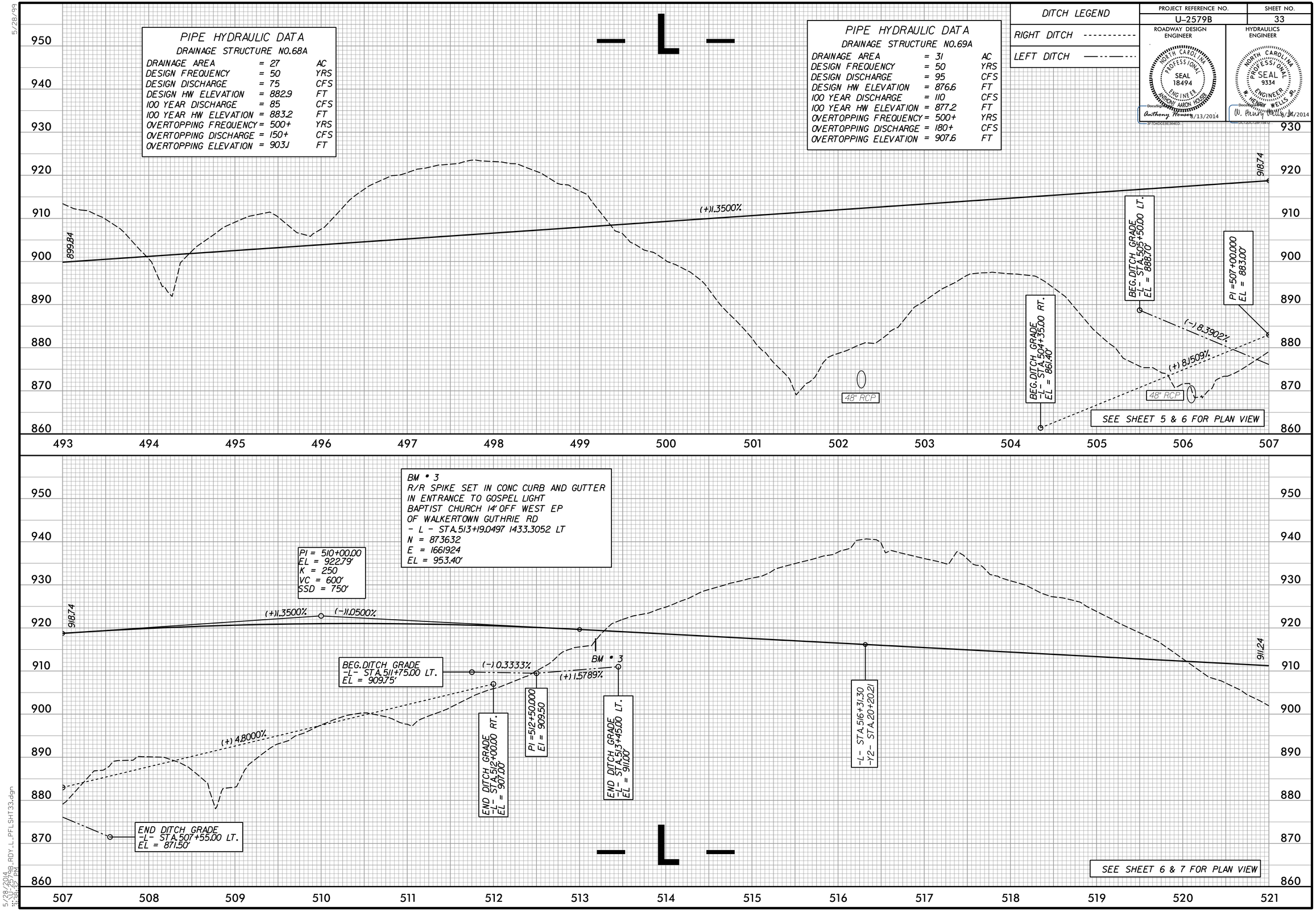
DocuSigned by: W. Henry Wells Jr. 8/14/2014

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.68A

DRAINAGE AREA	= 27	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 75	CFS
DESIGN HW ELEVATION	= 882.9	FT
100 YEAR DISCHARGE	= 85	CFS
100 YEAR HW ELEVATION	= 883.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 150+	CFS
OVERTOPPING ELEVATION	= 903.1	FT

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.69A

DRAINAGE AREA	= 31	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 95	CFS
DESIGN HW ELEVATION	= 876.6	FT
100 YEAR DISCHARGE	= 110	CFS
100 YEAR HW ELEVATION	= 877.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 180+	CFS
OVERTOPPING ELEVATION	= 907.6	FT



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