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

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	34

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOSER

Anthony Hoser 8/21/2014

HYDRAULICS ENGINEER

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

W. Henry Wells Jr. 8/21/2014

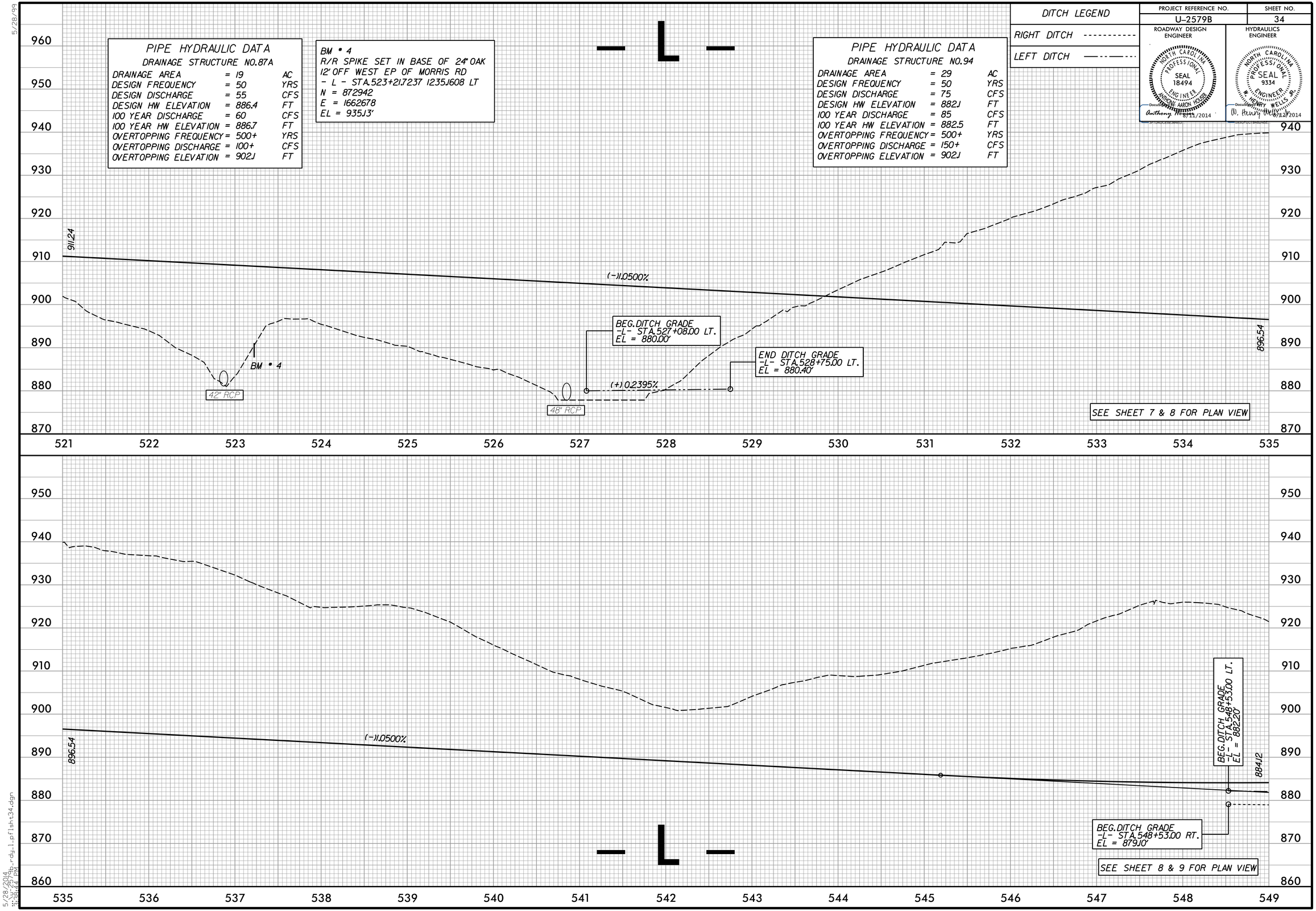
PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.87A

DRAINAGE AREA	= 19	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 55	CFS
DESIGN HW ELEVATION	= 886.4	FT
100 YEAR DISCHARGE	= 60	CFS
100 YEAR HW ELEVATION	= 886.7	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 100+	CFS
OVERTOPPING ELEVATION	= 902.1	FT

BM • 4
R/R SPIKE SET IN BASE OF 24" OAK
12' OFF WEST EP OF MORRIS RD
- L - STA.523+21.7237 1235.1608 LT
N = 872942
E = 1662678
EL = 935.13'

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.94

DRAINAGE AREA	= 29	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 75	CFS
DESIGN HW ELEVATION	= 882.1	FT
100 YEAR DISCHARGE	= 85	CFS
100 YEAR HW ELEVATION	= 882.5	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 150+	CFS
OVERTOPPING ELEVATION	= 902.1	FT



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