DITCH LEGEND	PROJECT REFERENCE NO.	SHEET NO.
RIGHT DITCH ----------	U-2579B	39
LEFT DITCH —·—·—	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER — Anthony Houser 6/12/2014

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER HENRY WELLS JR. — H. Henry Wells Jr. 6/12/2014

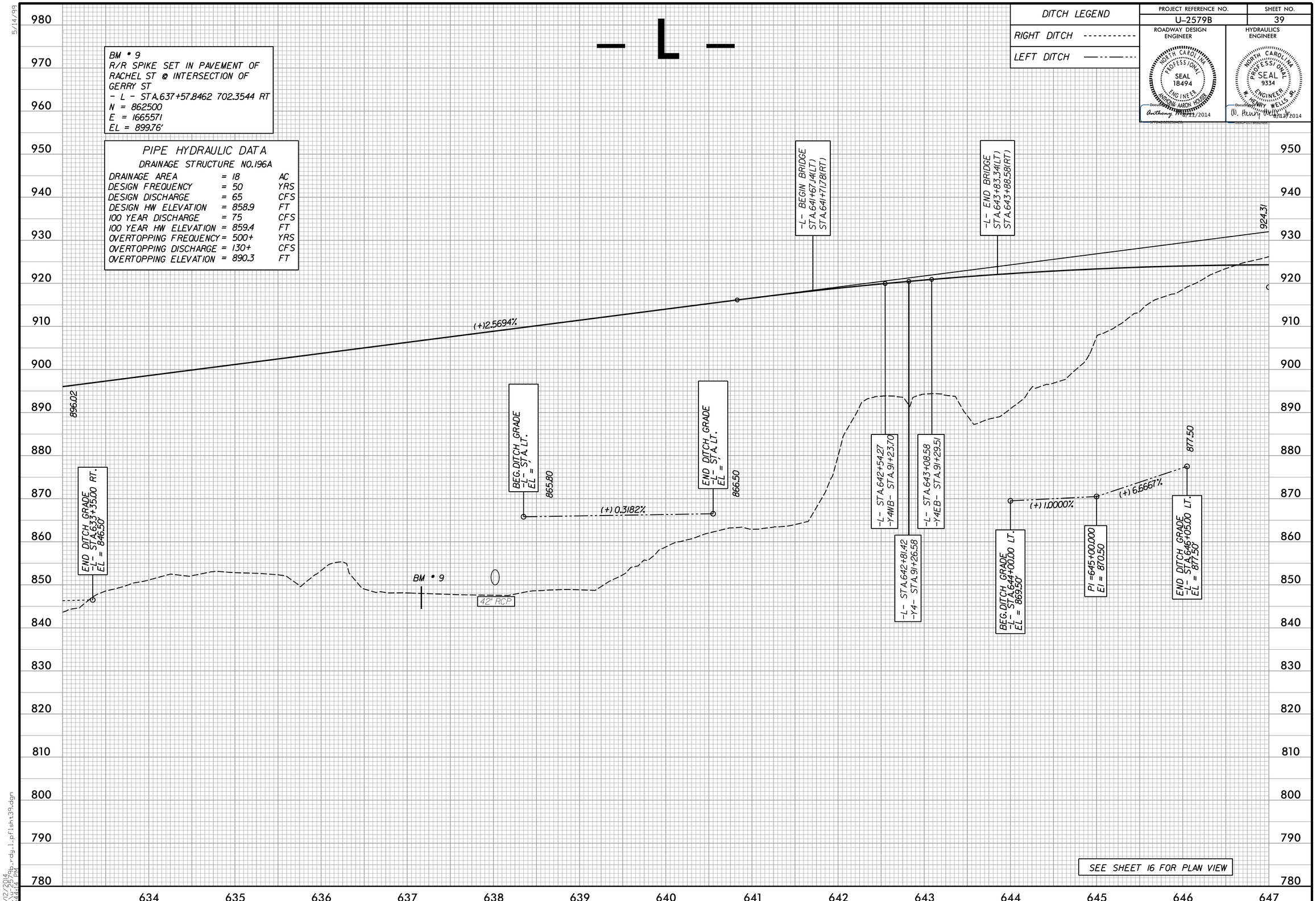
-L-

BM • 9
R/R SPIKE SET IN PAVEMENT OF
RACHEL ST @ INTERSECTION OF
GERRY ST
- L - STA.637+57.8462 702.3544 RT
N = 862500
E = 1665571
EL = 899.76'

PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.196A

DRAINAGE AREA	= 18	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 65	CFS
DESIGN HW ELEVATION	= 858.9	FT
100 YEAR DISCHARGE	= 75	CFS
100 YEAR HW ELEVATION	= 859.4	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 130+	CFS
OVERTOPPING ELEVATION	= 890.3	FT



SEE SHEET 16 FOR PLAN VIEW

5/14/99

6/12/2014
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