PROJECT REFERENCE NO.	SHEET NO.
U-2579B	36

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER	NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS JR.
Anthony Houser 5/21/2014	W. Henry Wells Jr. 5/21/2014

DITCH LEGEND

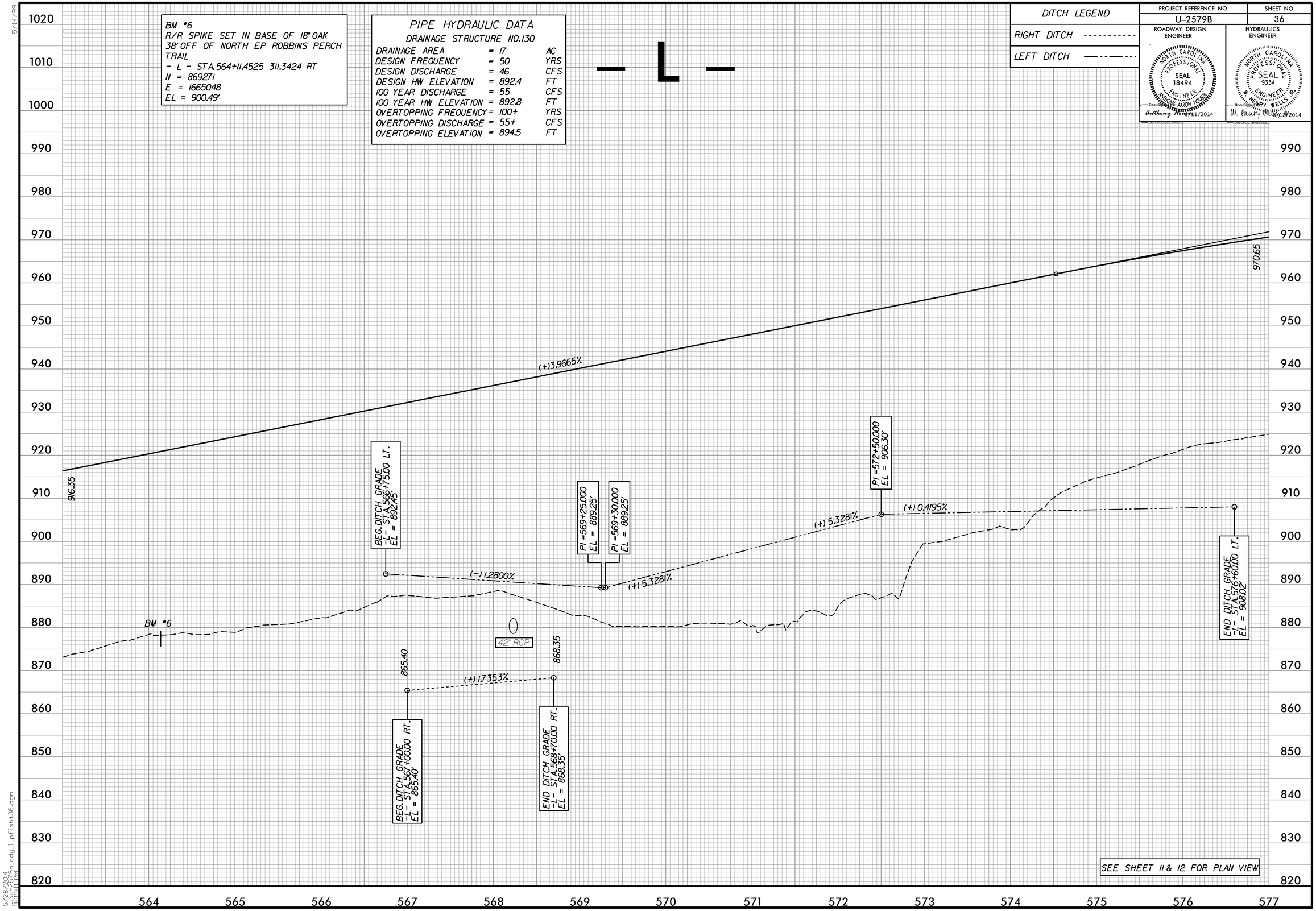
RIGHT DITCH ----------

LEFT DITCH —·—·—

BM #6
R/R SPIKE SET IN BASE OF 18" OAK
38' OFF OF NORTH EP ROBBINS PERCH TRAIL
- L - STA.564+11.4525 311.3424 RT
N = 869271
E = 1665048
EL = 900.49'

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.130

DRAINAGE AREA	= 17	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 46	CFS
DESIGN HW ELEVATION	= 892.4	FT
100 YEAR DISCHARGE	= 55	CFS
100 YEAR HW ELEVATION	= 892.8	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 55+	CFS
OVERTOPPING ELEVATION	= 894.5	FT



5/14/99

5/28/2014
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