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5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-3620	19

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 25873 ENGINEER GARY R. LOVERING
DocuSigned by: Gary Lovering 4/3/2014
DFD78F34A6BD426...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22000 ENGINEER GALEN CAIL
DocuSigned by: Galen Cail 4/7/2014
D275B2EE60EC454...

-L-

BM #10 RR SPIKE IN 17" PINE
-L- STA. 11+26.57, 52.93' LEFT
ELEV. = 13.44'

BEGIN GRADE
-L- STA. 12+00.00
EL. 14.60'

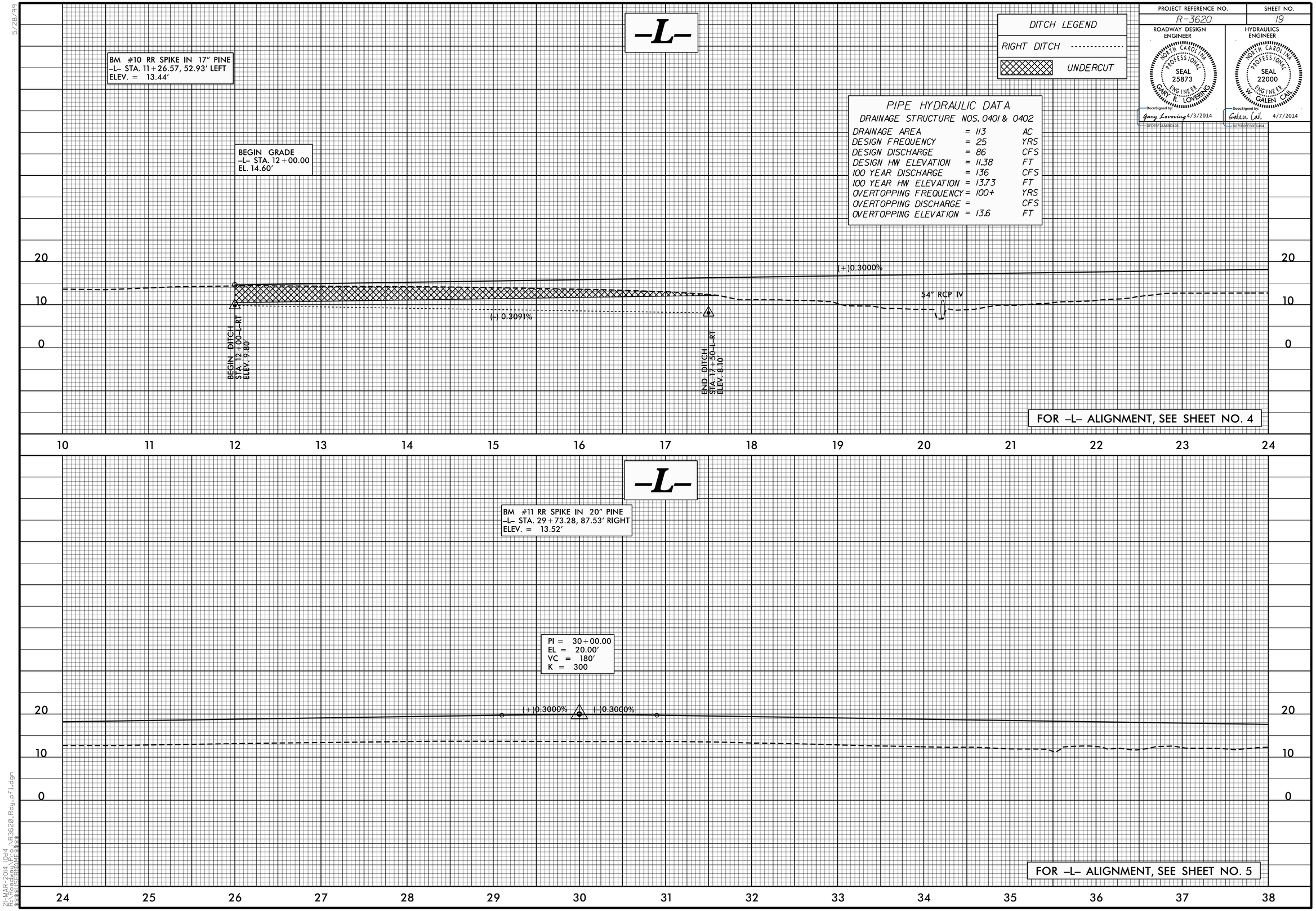
DITCH LEGEND

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

UNDERCUT

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NOS. 0401 & 0402

DRAINAGE AREA	=	113	AC
DESIGN FREQUENCY	=	25	YRS
DESIGN DISCHARGE	=	86	CFS
DESIGN HW ELEVATION	=	11.38	FT
100 YEAR DISCHARGE	=	136	CFS
100 YEAR HW ELEVATION	=	13.73	FT
OVERTOPPING FREQUENCY	=	100+	YRS
OVERTOPPING DISCHARGE	=		CFS
OVERTOPPING ELEVATION	=	13.6	FT



FOR -L- ALIGNMENT, SEE SHEET NO. 4

FOR -L- ALIGNMENT, SEE SHEET NO. 5

21-MAR-2014 10:14
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$$$$USERNAME$$$$