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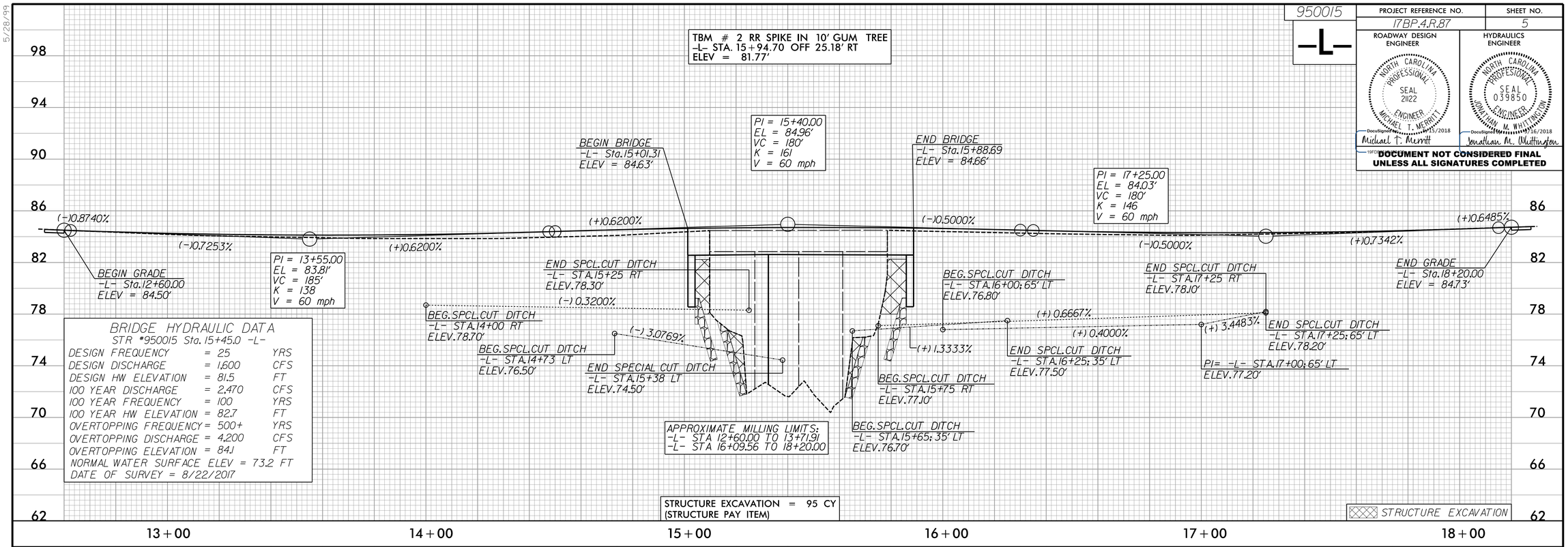
5/28/99

950015	PROJECT REFERENCE NO.	SHEET NO.
–L–	17BP.4.R.87	5

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 21122 ENGINEER MICHAEL T. MERRITT — DocuSign Envelope ID: 10/15/2018 — Michael T. Merritt

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 039850 ENGINEER JONATHAN M. WHITTINGTON — DocuSign Envelope ID: 10/16/2018 — Jonathan M. Whittington

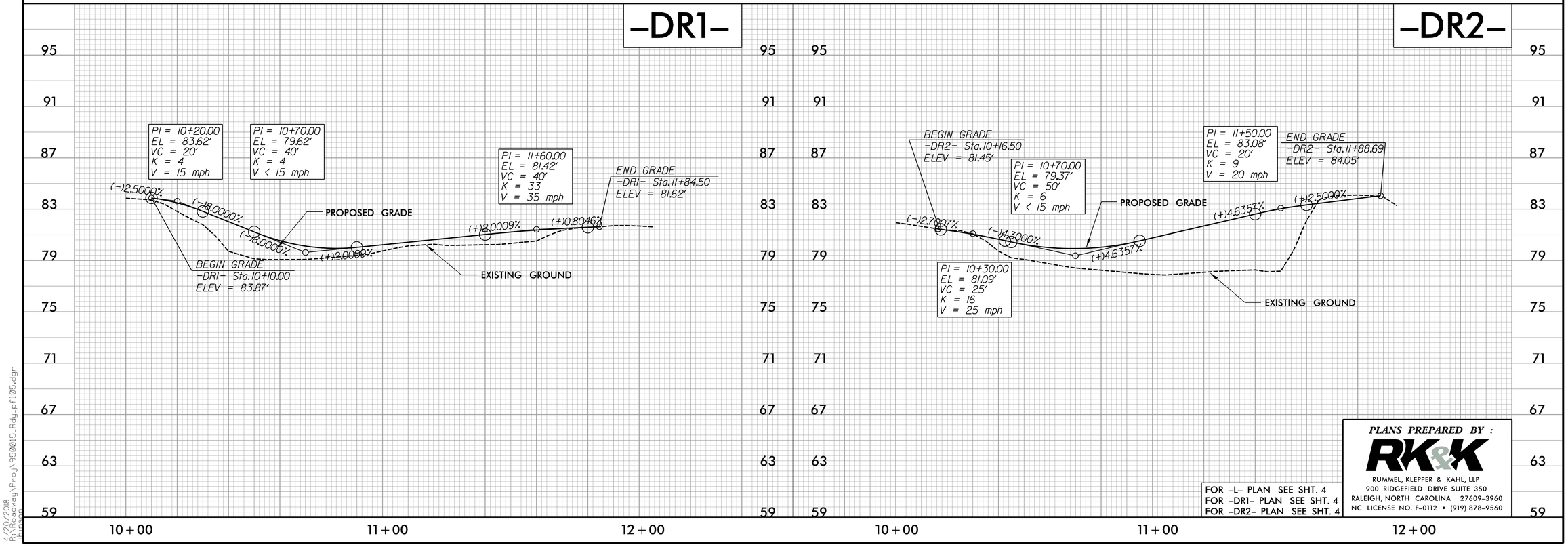
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



BRIDGE HYDRAULIC DATA
STR #950015 Sta. 15+45.0 –L–

DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 1,600	CFS
DESIGN HW ELEVATION	= 81.5	FT
100 YEAR DISCHARGE	= 2,470	CFS
100 YEAR FREQUENCY	= 100	YRS
100 YEAR HW ELEVATION	= 82.7	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 4,200	CFS
OVERTOPPING ELEVATION	= 84.1	FT

NORMAL WATER SURFACE ELEV = 73.2 FT
DATE OF SURVEY = 8/22/2017



FOR –L– PLAN SEE SHT. 4
FOR –DR1– PLAN SEE SHT. 4
FOR –DR2– PLAN SEE SHT. 4

PLANS PREPARED BY :
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8/20/2018
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