DocuSign Envelope ID: 267648850-1121-4EEF-BD13-B3A0F37BFFCB

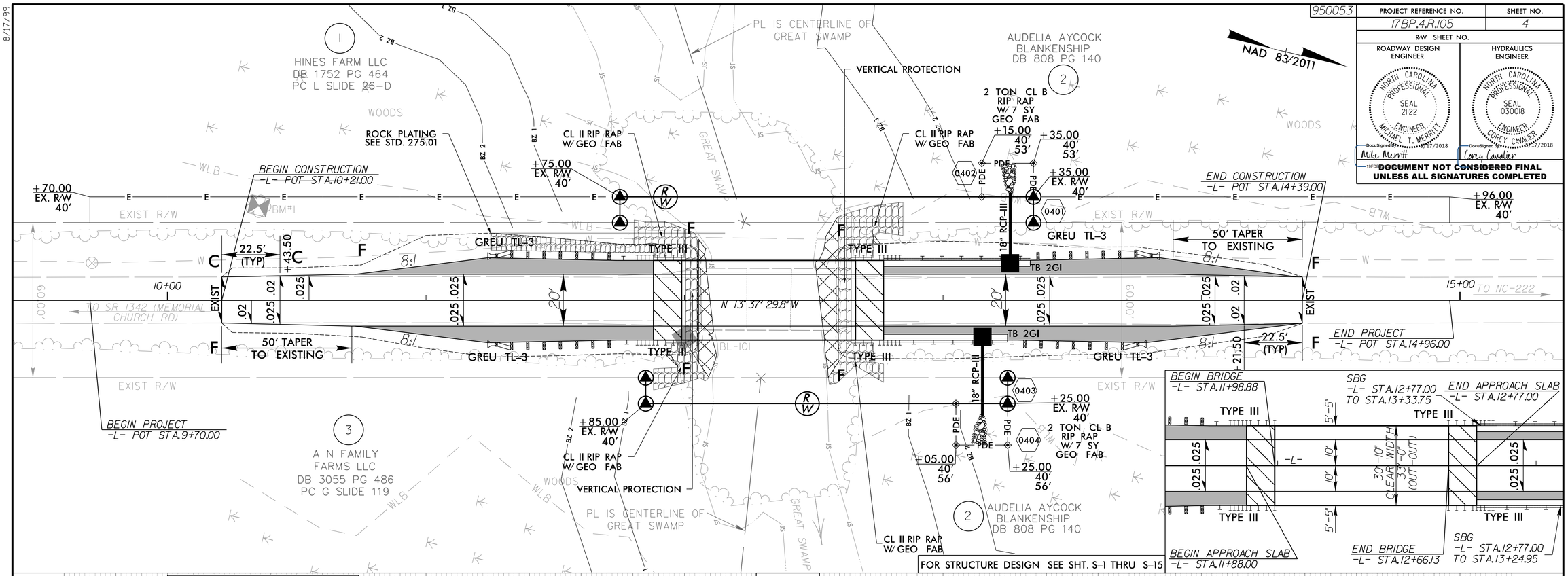
8/17/99

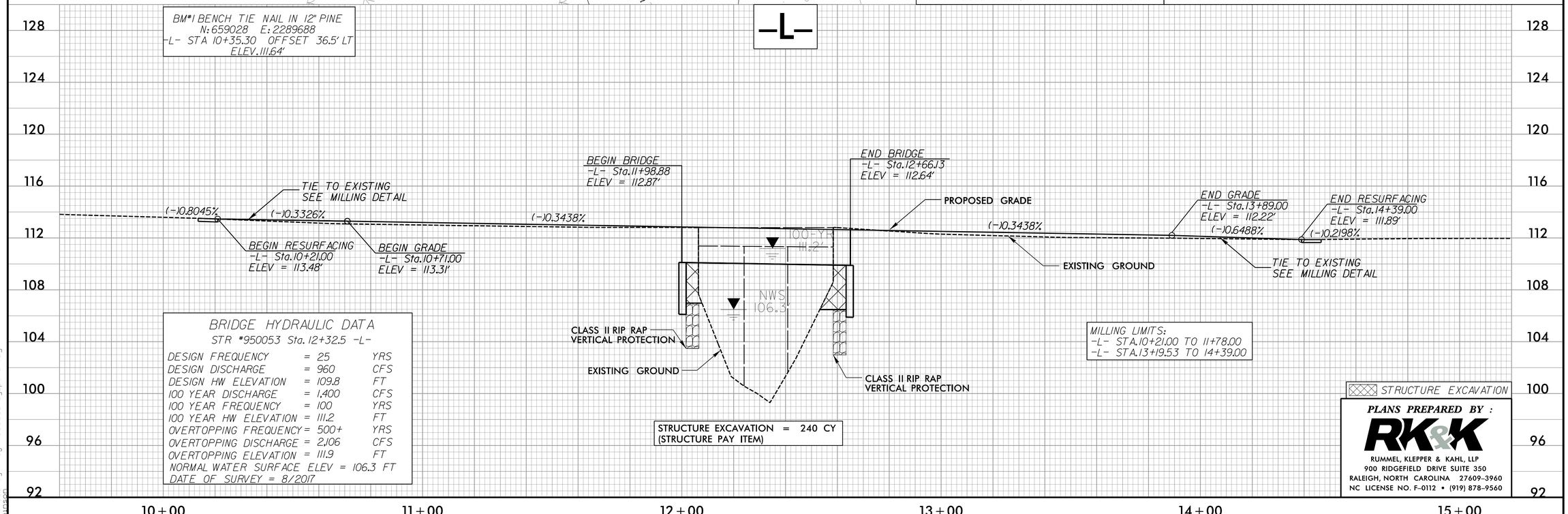
950053	PROJECT REFERENCE NO.	SHEET NO.
	17BP.4.R.105	4
	R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 21122 ENGINEER MICHAEL T. MERRITT — DocuSigned by: 5/17/2018 — Mike Merritt

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 030018 ENGINEER COREY CAVALIER — DocuSigned by: 5/17/2018 — Corey Cavalier

19FD0 **DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**





BRIDGE HYDRAULIC DATA
STR #950053 Sta. 12+32.5 -L-

DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 960	CFS
DESIGN HW ELEVATION	= 109.8	FT
100 YEAR DISCHARGE	= 1,400	CFS
100 YEAR FREQUENCY	= 100	YRS
100 YEAR HW ELEVATION	= 111.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 2,106	CFS
OVERTOPPING ELEVATION	= 111.9	FT

NORMAL WATER SURFACE ELEV = 106.3 FT
DATE OF SURVEY = 8/2017

PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

5/17/2018
R:\Roadway\Proj\950053_rdy_psh04.dgn
bjnson