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5/28/99

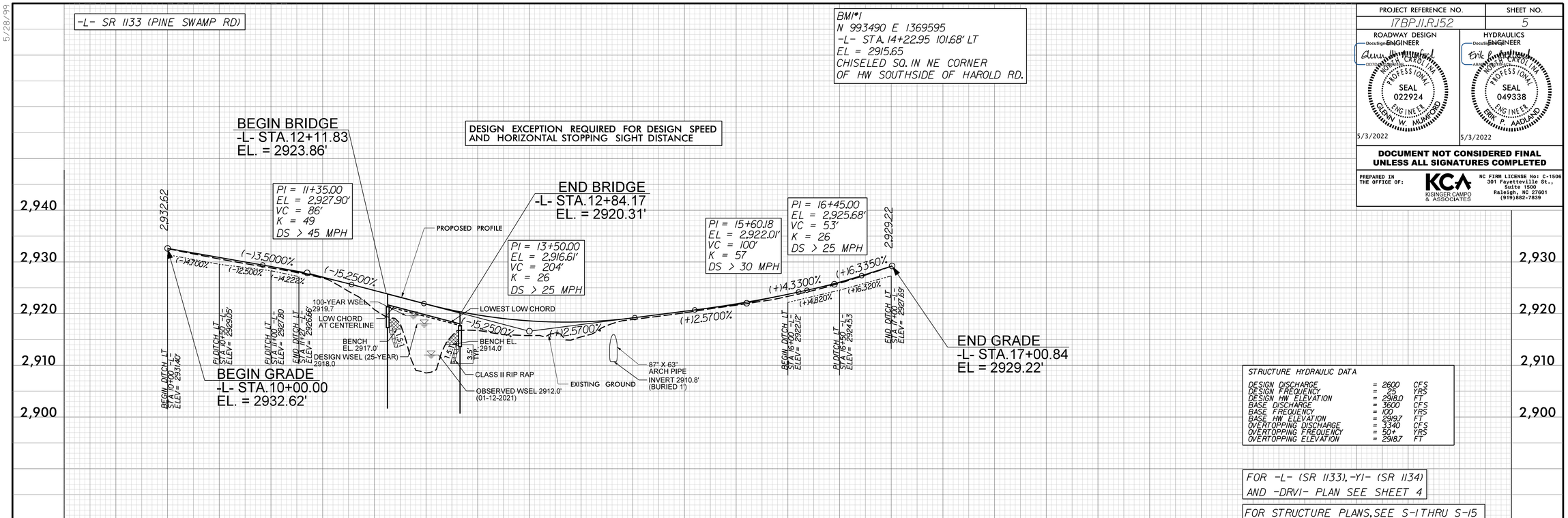
PROJECT REFERENCE NO.	SHEET NO.
17BP.11.R.52	5

ROADWAY DESIGN ENGINEER
DocuSign Envelope ID: 13F1DC23-4F16-4CD0-ADC8-5000B4DF67B1
NORTH CAROLINA PROFESSIONAL SEAL 022924 ENGINEER GLENN W. MUNFORD
5/3/2022

HYDRAULICS ENGINEER
DocuSign Envelope ID: 13F1DC23-4F16-4CD0-ADC8-5000B4DF67B1
NORTH CAROLINA PROFESSIONAL SEAL 049338 ENGINEER ERIK R. AADLAND
5/3/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PREPARED IN THE OFFICE OF: KCA KISINGER CAMPO & ASSOCIATES
NC FIRM LICENSE No: C-1506
301 Fayetteville St., Suite 1500
Raleigh, NC 27601
(919)882-7839

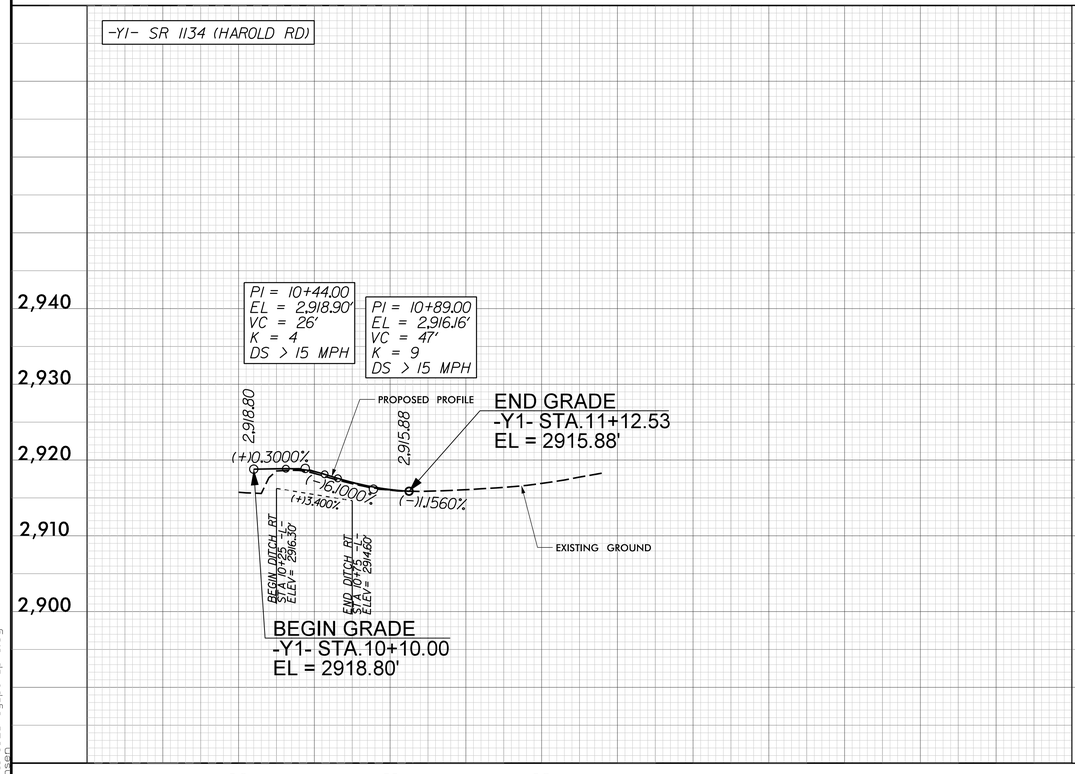


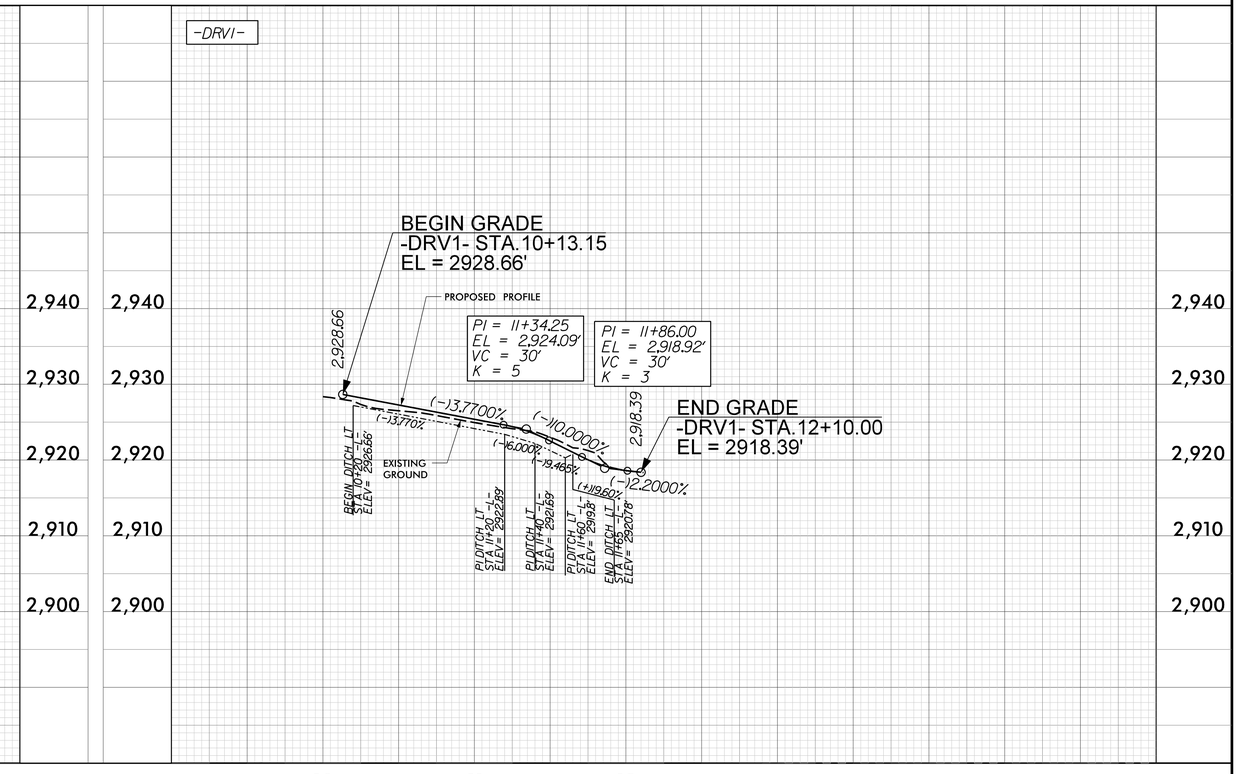
STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	=	2600	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	2918.0	FT
BASE DISCHARGE	=	3600	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2919.7	FT
OVERTOPPING DISCHARGE	=	3340	CFS
OVERTOPPING FREQUENCY	=	50+	YRS
OVERTOPPING ELEVATION	=	2918.7	FT

FOR -L- (SR 1133), -Y1- (SR 1134) AND -DRV1- PLAN SEE SHEET 4

FOR STRUCTURE PLANS, SEE S-1 THRU S-15





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D.Jensen