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5/28/99

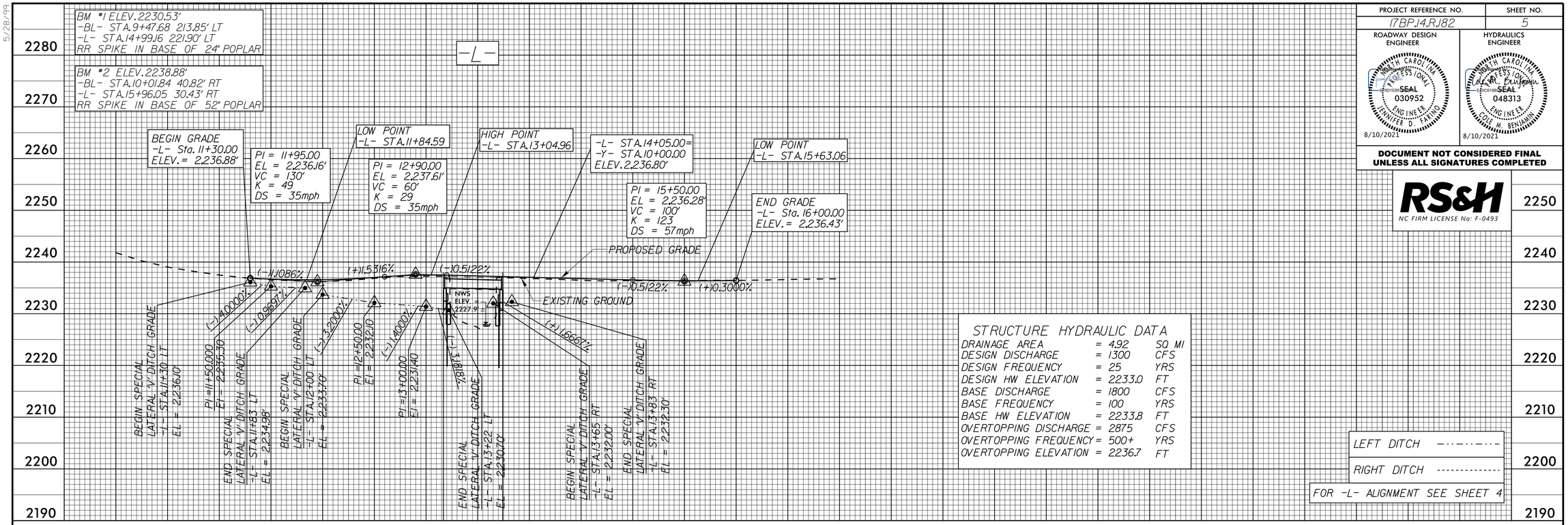
PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.182	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 030952 ENGINEER JENNIFER D. FARINO
8/10/2021

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 048313 ENGINEER COLE M. BENJAMIN
8/10/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

RS&H
NC FIRM LICENSE No: F-0493

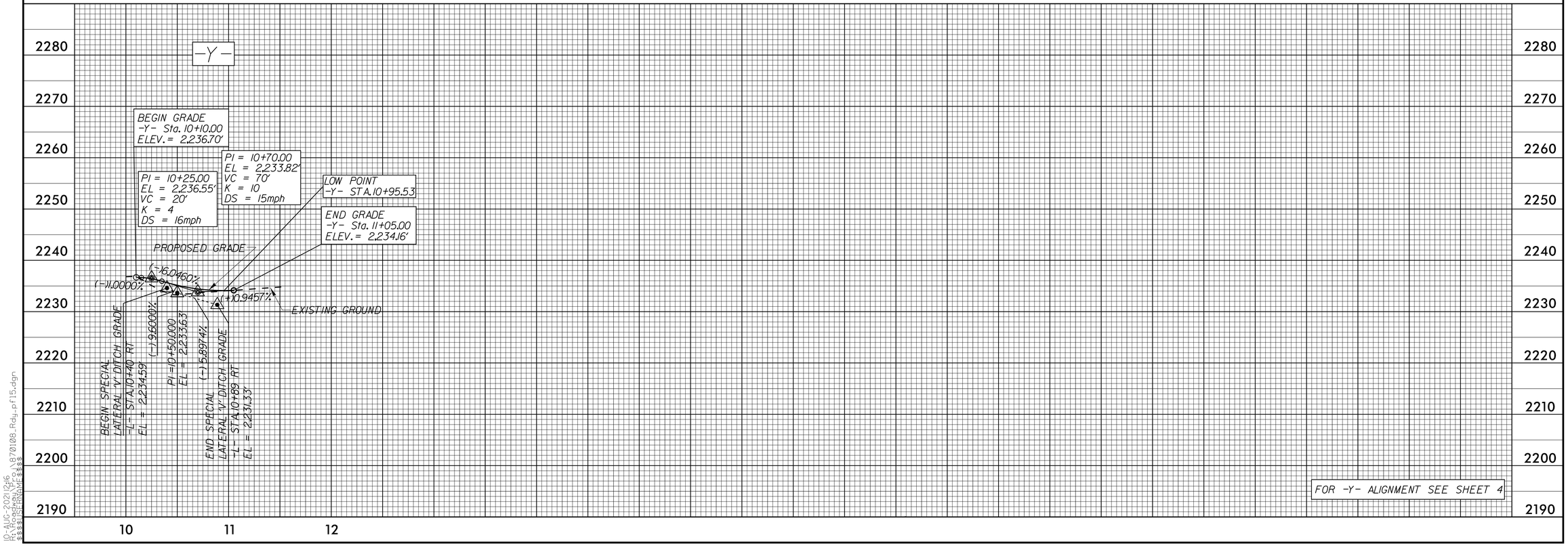


STRUCTURE HYDRAULIC DATA

DRAINAGE AREA	=	4.92	SQ MI
DESIGN DISCHARGE	=	1300	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	2233.0	FT
BASE DISCHARGE	=	1800	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2233.8	FT
OVERTOPPING DISCHARGE	=	2875	CFS
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING ELEVATION	=	2236.7	FT

LEFT DITCH —··—··—··—
RIGHT DITCH ----------

FOR -L- ALIGNMENT SEE SHEET 4



FOR -Y- ALIGNMENT SEE SHEET 4

10-AUG-2021 2:16
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$$$$USERNAME$$$$