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PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.177	5

ROADWAY DESIGN ENGINEER 12/14/2021

HYDRAULICS ENGINEER 12/14/2021

NORTH CAROLINA PROFESSIONAL SEAL 043139 ENGINEER HOLLY CHRISTENBURY

NORTH CAROLINA PROFESSIONAL SEAL 043232 ENGINEER VIDYA MOHANDAS

DocuSigned by: Holly Christenbury

DocuSigned by: Vidya Mohandas

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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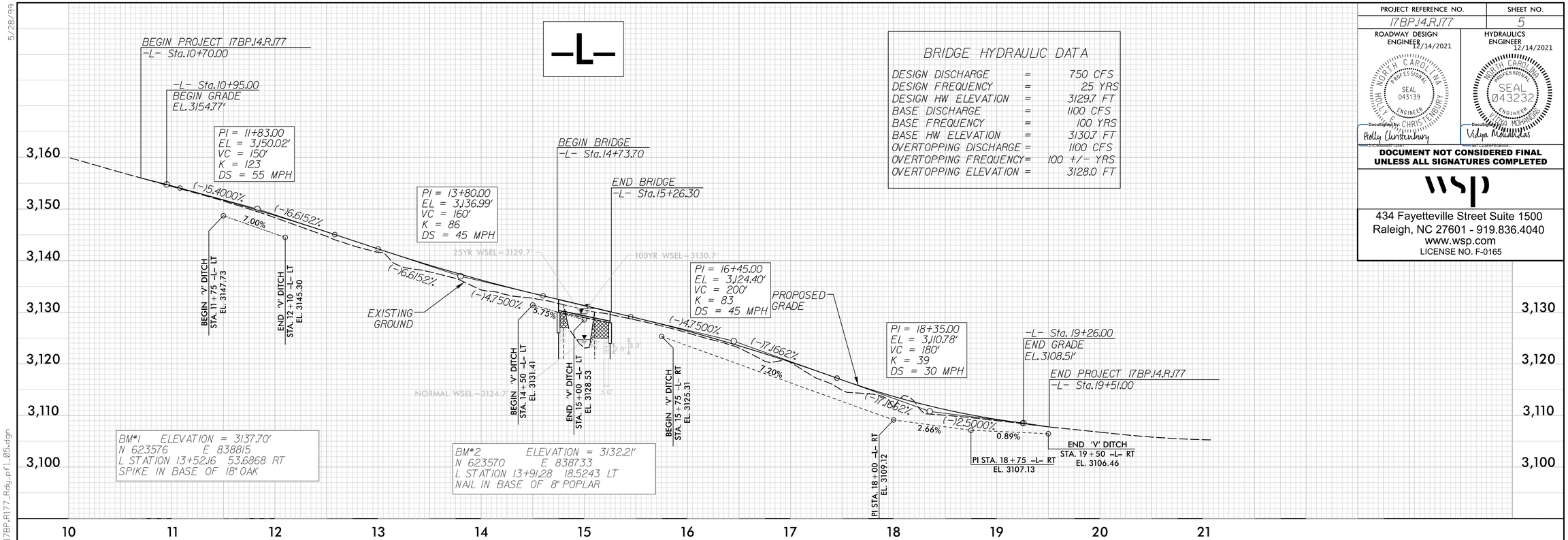
BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	750 CFS
DESIGN FREQUENCY	=	25 YRS
DESIGN HW ELEVATION	=	3129.7 FT
BASE DISCHARGE	=	1100 CFS
BASE FREQUENCY	=	100 YRS
BASE HW ELEVATION	=	3130.7 FT
OVERTOPPING DISCHARGE	=	1100 CFS
OVERTOPPING FREQUENCY	=	100 +/- YRS
OVERTOPPING ELEVATION	=	3128.0 FT



-DR1-

-DR2-

5/28/99
12/14/2021
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