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-DET-

WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
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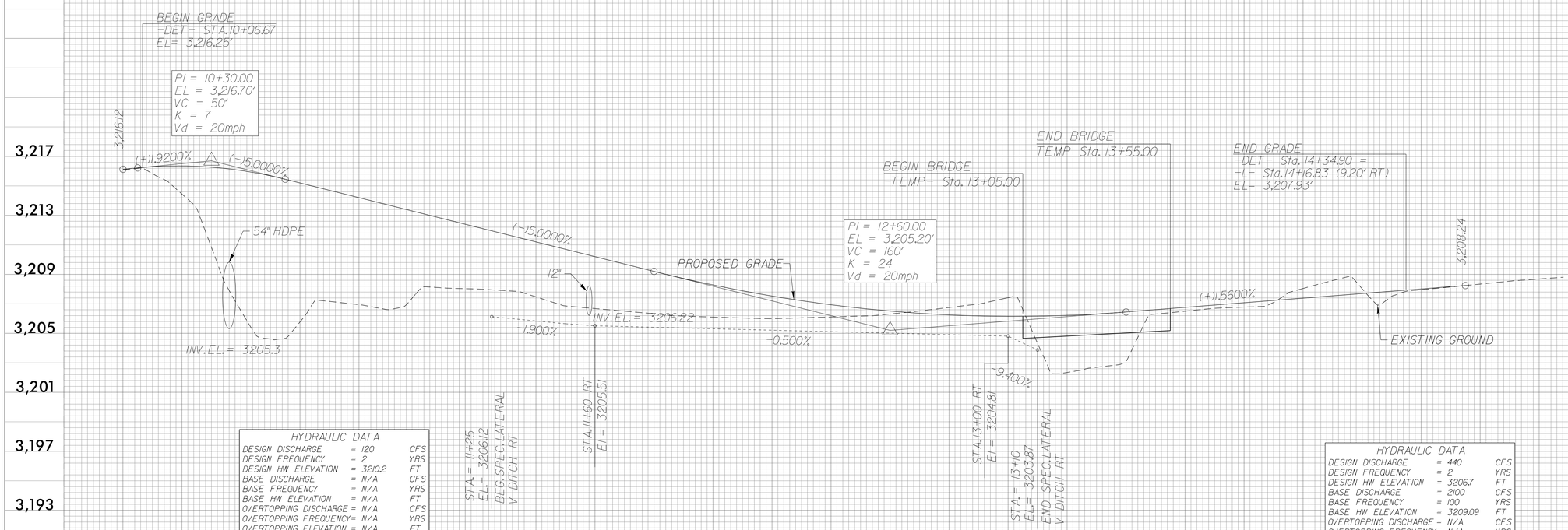
LICENSE NO. F-0165

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.115	2B-2

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
3/16/2021	3/15/2021
NORTH CAROLINA PROFESSIONAL SEAL 020107 ENGINEER DAVID W. BASS	NORTH CAROLINA PROFESSIONAL SEAL 032312 ENGINEER CHARLES W. HEARPER
DocuSign: David W. Bass 57F0021D46B6452...	DocuSign: Charles W. Hearper 5B932E85C450454...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



HYDRAULIC DATA

DESIGN DISCHARGE	= 120	CFS
DESIGN FREQUENCY	= 2	YRS
DESIGN HW ELEVATION	= 3210.2	FT
BASE DISCHARGE	= N/A	CFS
BASE FREQUENCY	= N/A	YRS
BASE HW ELEVATION	= N/A	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING ELEVATION	= N/A	FT
DATE OF SURVEY	= SEPT.2013	
W.S.ELEVATION AT DATE OF SURVEY	= 3203.0	FT

HYDRAULIC DATA

DESIGN DISCHARGE	= 440	CFS
DESIGN FREQUENCY	= 2	YRS
DESIGN HW ELEVATION	= 3206.7	FT
BASE DISCHARGE	= 2100	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 3209.09	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING ELEVATION	= N/A	FT
DATE OF SURVEY	= SEPT.2013	
W.S.ELEVATION AT DATE OF SURVEY	= 3203.0	FT

SEE SHEET 2B-1 FOR PLAN

DATE PRINTED: 3/14/2021 3:47:18 PM
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