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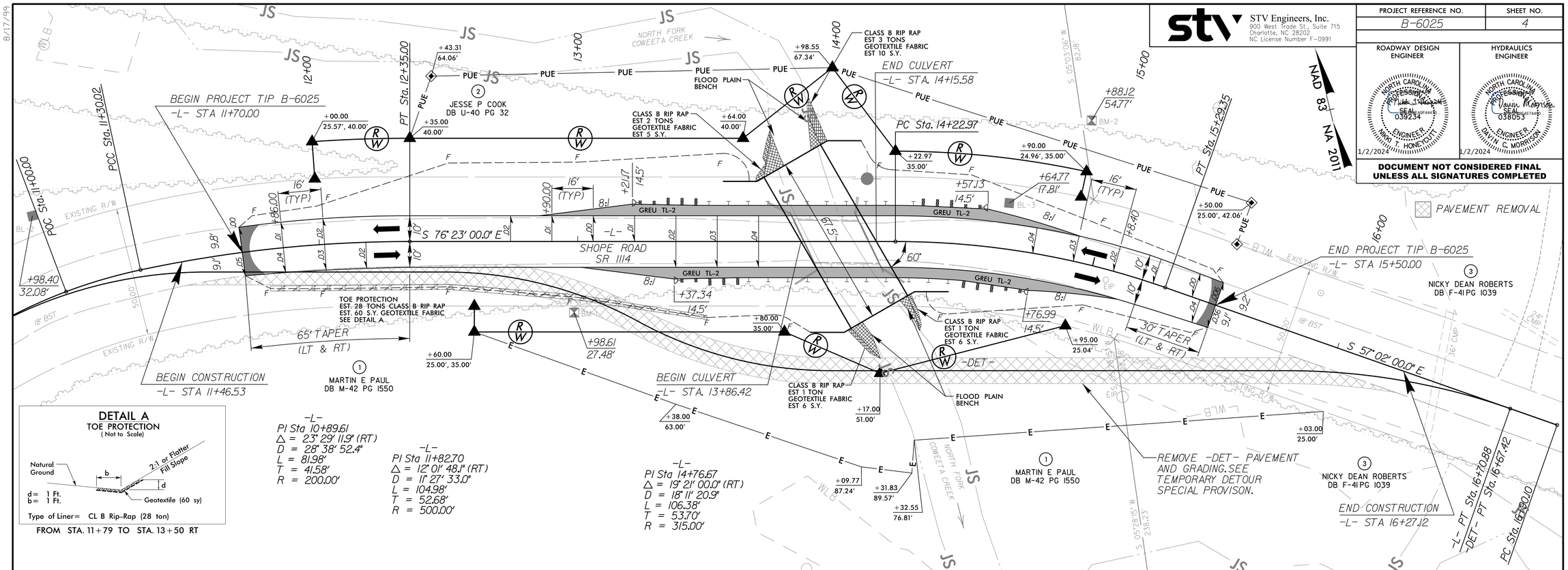
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

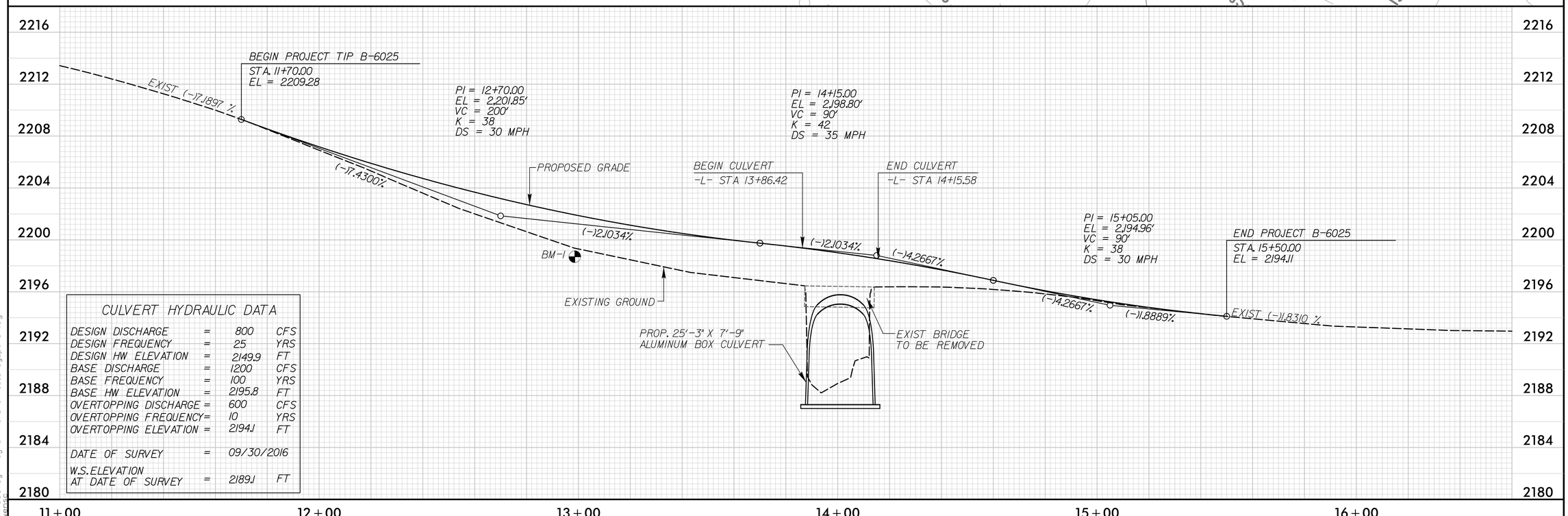
PROJECT REFERENCE NO.	SHEET NO.
B-6025	4

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039234 ENGINEER NIKI T. HONEYCUTT
1/2/2024

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038055 ENGINEER DAVIN C. MORRISON
1/2/2024

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED





CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	=	800	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	2149.9	FT
BASE DISCHARGE	=	1200	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2195.8	FT
OVERTOPPING DISCHARGE	=	600	CFS
OVERTOPPING FREQUENCY	=	10	YRS
OVERTOPPING ELEVATION	=	2194.1	FT
DATE OF SURVEY	=	09/30/2016	
W.S. ELEVATION AT DATE OF SURVEY	=	2189.1	FT

12/29/2023
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Overson