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5/14/99

STV 100 Years
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO.	SHEET NO.
B-5818	10

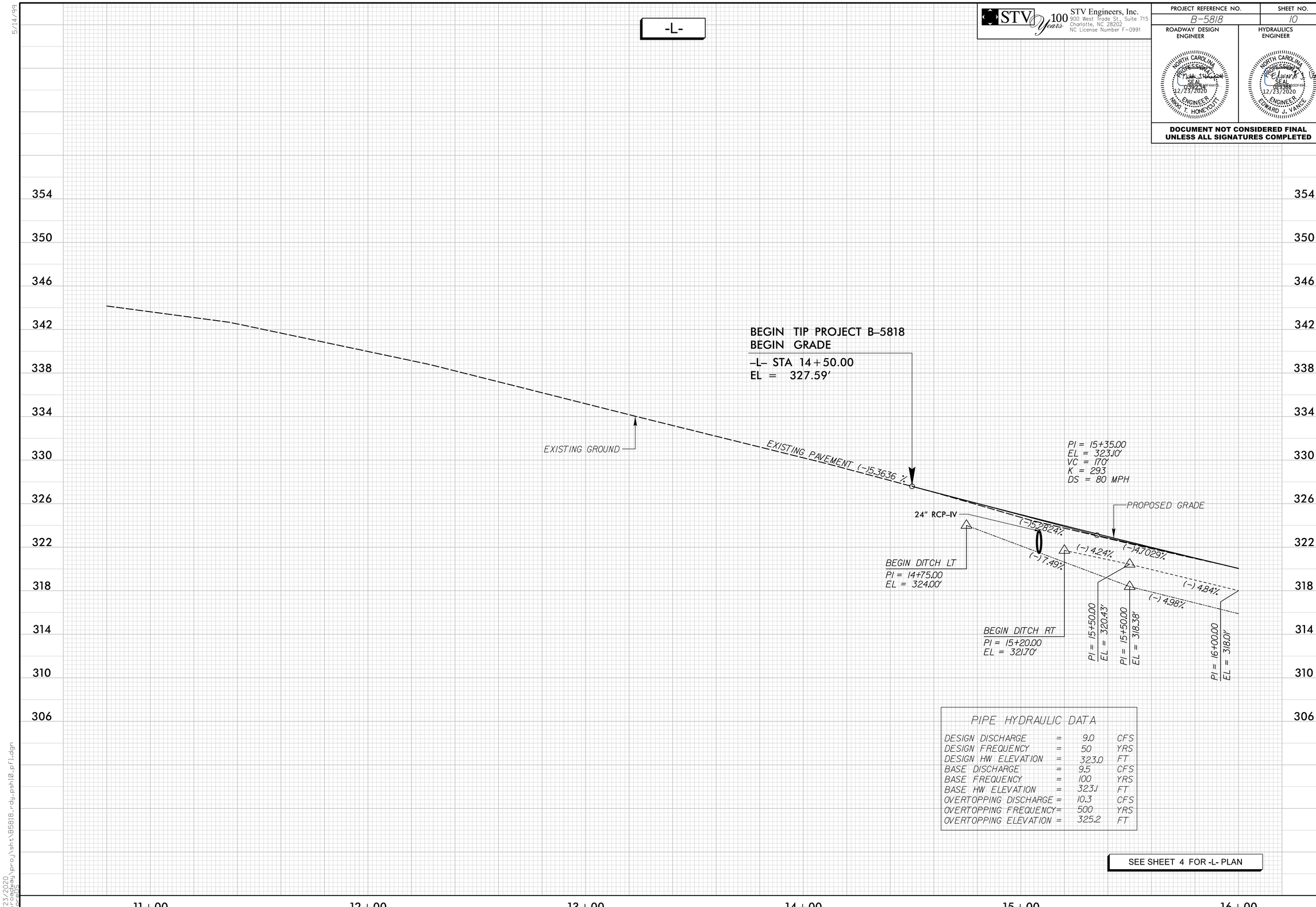
ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 035756 ENGINEER NIKKI T. HONEYCUTT 12/23/2020

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 029386 ENGINEER EDWARD J. VANCE 12/23/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PIPE HYDRAULIC DATA

DESIGN DISCHARGE	=	9.0	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	323.0	FT
BASE DISCHARGE	=	9.5	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	323.1	FT
OVERTOPPING DISCHARGE	=	10.3	CFS
OVERTOPPING FREQUENCY	=	500	YRS
OVERTOPPING ELEVATION	=	325.2	FT

SEE SHEET 4 FOR -L- PLAN

12/23/2020
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