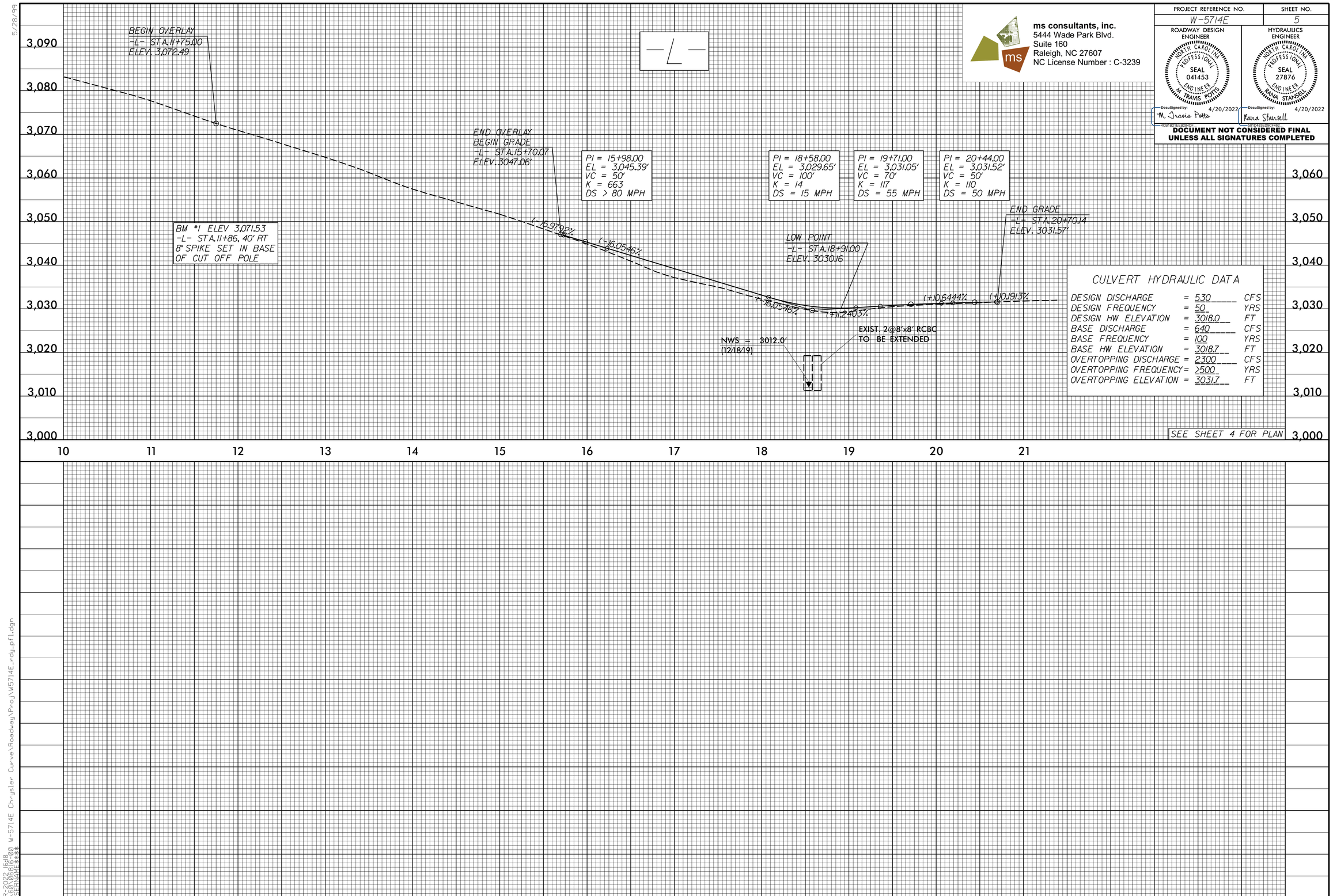
DocuSign Envelope ID: 5A957BDF-DAA9-4B4A-9594-5ABA6DFB4CA0

5/28/99



CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	=	530	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	3018.0	FT
BASE DISCHARGE	=	640	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	3018.7	FT
OVERTOPPING DISCHARGE	=	2300	CFS
OVERTOPPING FREQUENCY	=	>500	YRS
OVERTOPPING ELEVATION	=	3031.7	FT

SEE SHEET 4 FOR PLAN

ms consultants, inc.
5444 Wade Park Blvd.
Suite 160
Raleigh, NC 27607
NC License Number : C-3239

PROJECT REFERENCE NO.	SHEET NO.
W-5714E	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 041453 ENGINEER M. TRAVIS POTTS
DocuSigned by: M. Travis Potts 4/20/2022
4CB1B21EEB240F...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27876 ENGINEER RANA STANSELL
DocuSigned by: Rana Stansell 4/20/2022
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

04-APR-2022 16:18
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W-5714E Chrysler Curve
$$$$USERNAME$$$$