DocuSign Envelope ID: 32E8D0E9-F3C5-411C-A80C-517923446 52C

5/14/99

–L3–

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	46

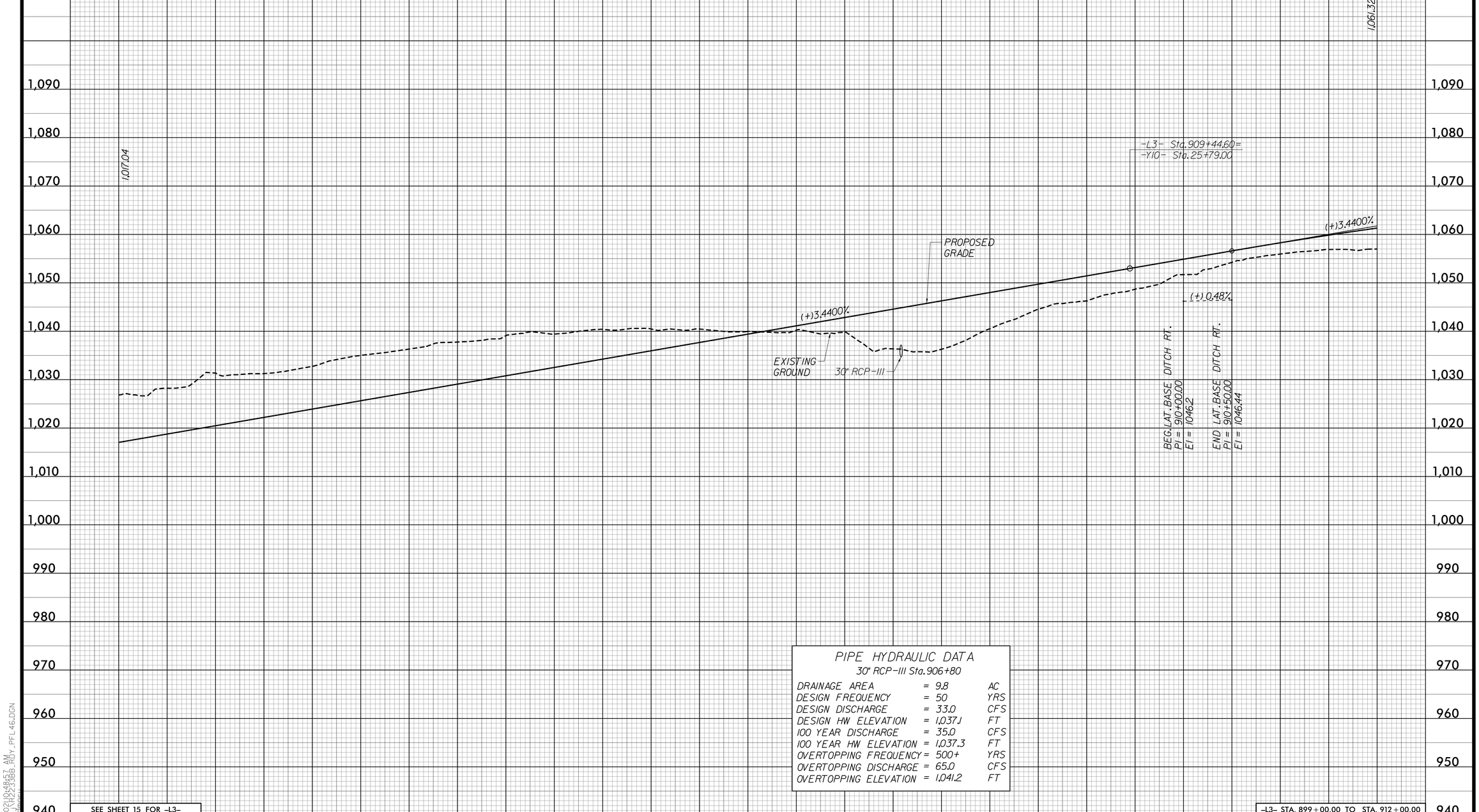
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 020031 ENGINEER DENNIS J. MORY
DocuSigned by: Dennis J. Mory
DOSC0F2D84F C4B9B...
6/17/2021

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27786 ENGINEER STEVEN M. BONDURANT
DocuSigned by: Steven M. Bondurant
5F4DE1F0B51B4C7...
6/17/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DITCH LEGEND

RIGHT DITCH ---------



PIPE HYDRAULIC DATA
30" RCP–III Sta. 906+80

DRAINAGE AREA	=	9.8	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	33.0	CFS
DESIGN HW ELEVATION	=	1,037.1	FT
100 YEAR DISCHARGE	=	35.0	CFS
100 YEAR HW ELEVATION	=	1,037.3	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	65.0	CFS
OVERTOPPING ELEVATION	=	1,041.2	FT

SEE SHEET 15 FOR –L3–

–L3– STA. 899+00.00 TO STA. 912+00.00

6/16/2021 8:48:57 AM
R-2233BB_RDY_PFL46.DGN
USER: cpeck