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5/28/99

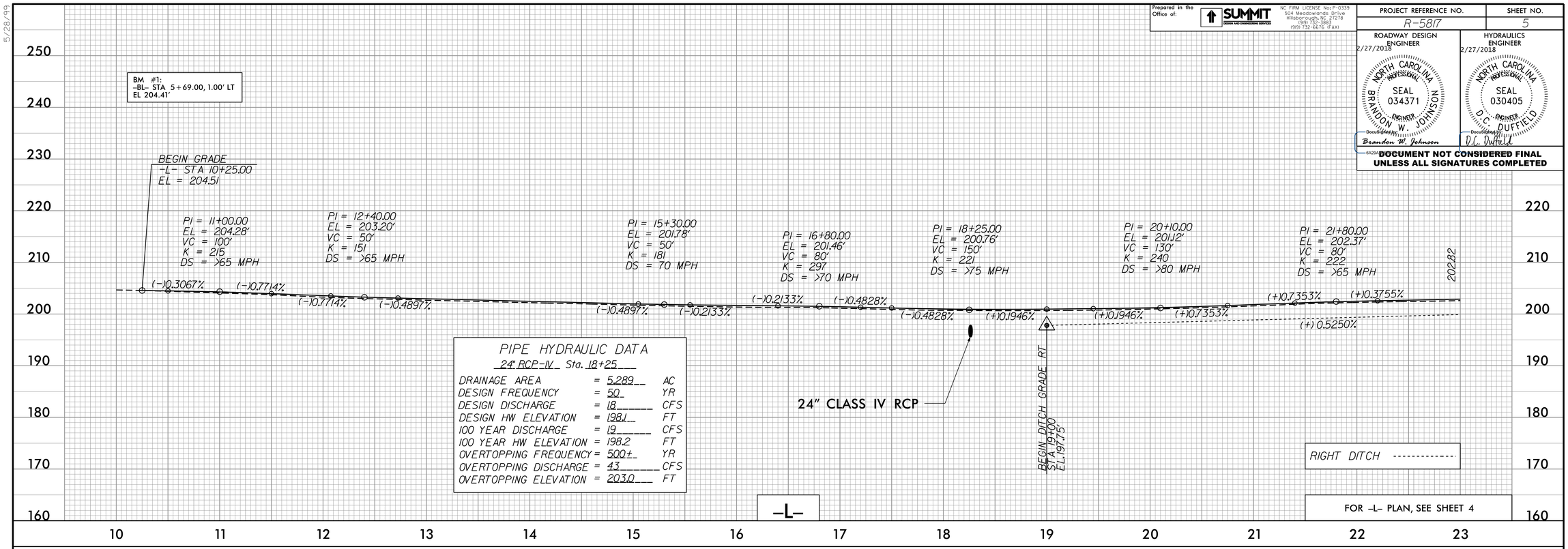
Prepared in the Office of: SUMMIT DESIGN AND ENGINEERING SERVICES
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

PROJECT REFERENCE NO.	SHEET NO.
R-5817	5

ROADWAY DESIGN ENGINEER
2/27/2018
NORTH CAROLINA PROFESSIONAL SEAL 034371 ENGINEER BRANDON W. JOHNSON
DocuSigned by: Brandon W. Johnson
6A29A

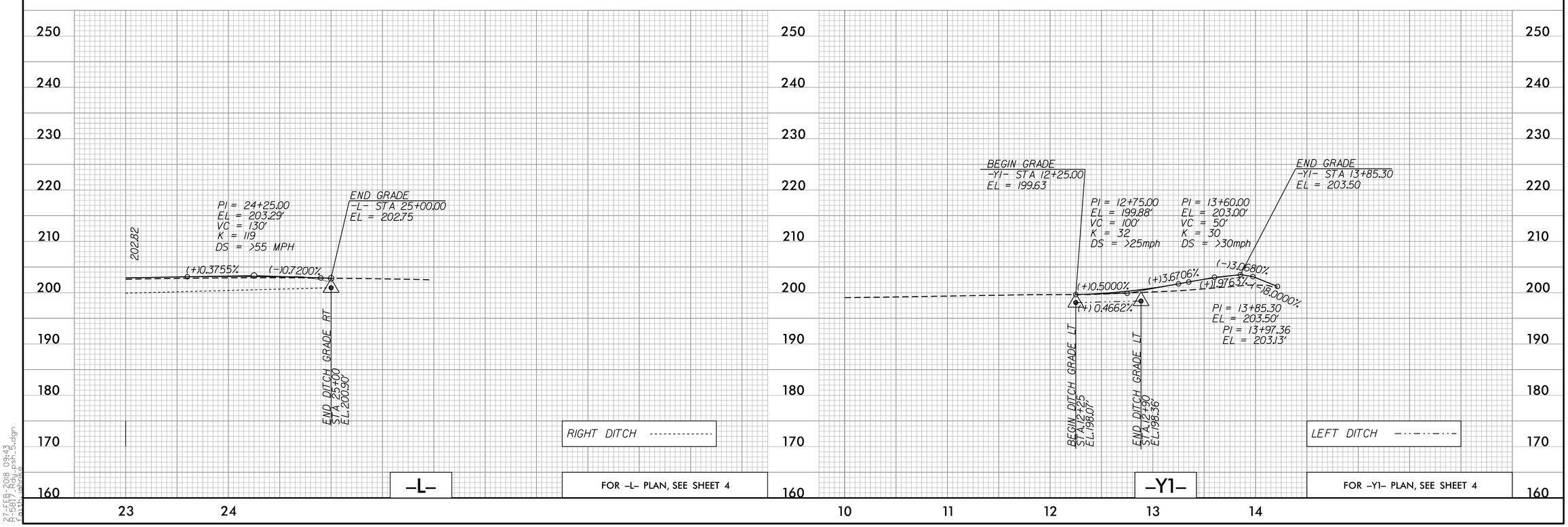
HYDRAULICS ENGINEER
2/27/2018
NORTH CAROLINA PROFESSIONAL SEAL 030405 ENGINEER D.C. DUFFIELD
DocuSigned by: D.C. Duffield

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PIPE HYDRAULIC DATA
24" RCP-IV Sta. 18+25

DRAINAGE AREA	=	5.289	AC
DESIGN FREQUENCY	=	50	YR
DESIGN DISCHARGE	=	18	CFS
DESIGN HW ELEVATION	=	198.1	FT
100 YEAR DISCHARGE	=	19	CFS
100 YEAR HW ELEVATION	=	198.2	FT
OVERTOPPING FREQUENCY	=	500+	YR
OVERTOPPING DISCHARGE	=	43	CFS
OVERTOPPING ELEVATION	=	203.0	FT



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