

5/28/99

PROJECT REFERENCE NO. I-5987B	SHEET NO. 104
ROADWAY DESIGN ENGINEER DAVID C. WALKER Professional Seal 22606	HYDRAULICS ENGINEER ALEXIS M. RIGGS Professional Seal 036821
MOTT MACDONALD I & E, LLC LICENSE NO. F-0669	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>Prepared in the Office of: M MOTT MACDONALD 7621 Purfoy Rd., Suite 115 Fayetteville, NC 27226 www.mottmcc.com/americas</p>	

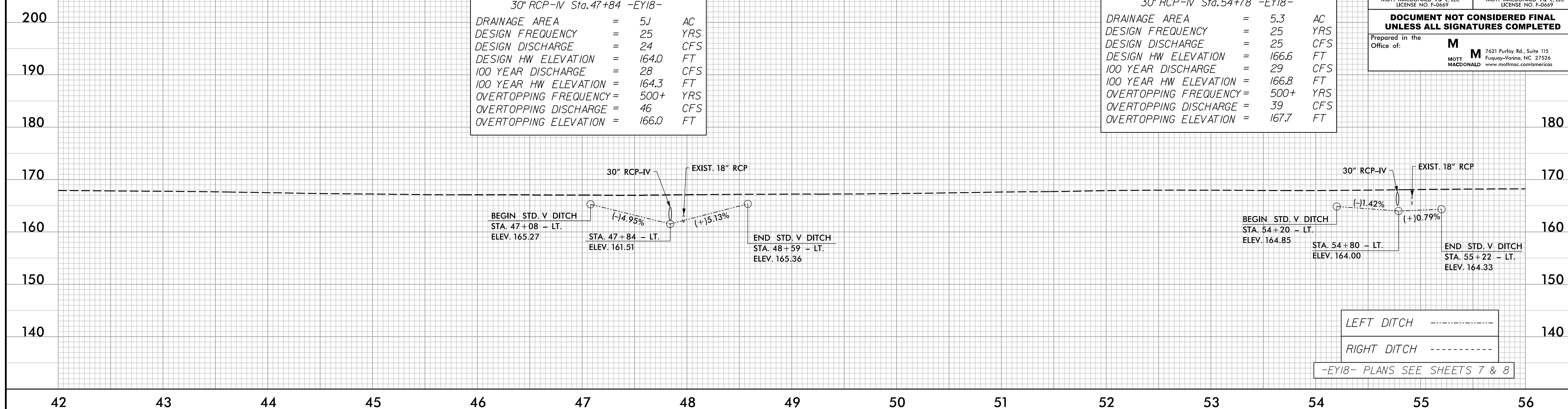
-EY18-

PIPE HYDRAULIC DATA
30" RCP-IV Sta. 47+84 -EY18-

DRAINAGE AREA	=	5.1	AC
DESIGN FREQUENCY	=	25	YRS
DESIGN DISCHARGE	=	24	CFS
DESIGN HW ELEVATION	=	164.0	FT
100 YEAR DISCHARGE	=	28	CFS
100 YEAR HW ELEVATION	=	164.3	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	46	CFS
OVERTOPPING ELEVATION	=	166.0	FT

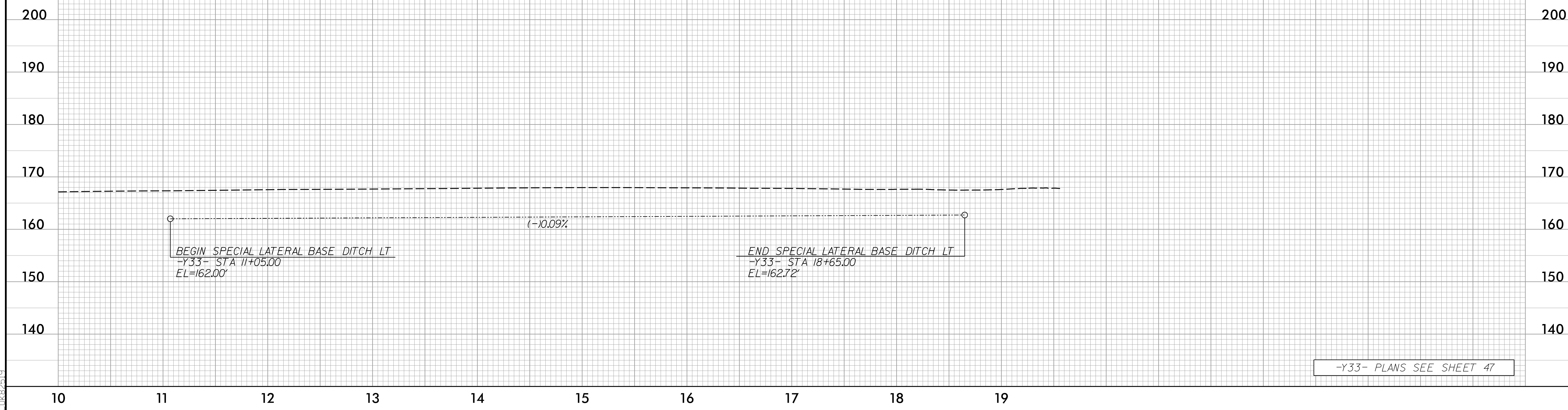
PIPE HYDRAULIC DATA
30" RCP-IV Sta. 54+78 -EY18-

DRAINAGE AREA	=	5.3	AC
DESIGN FREQUENCY	=	25	YRS
DESIGN DISCHARGE	=	25	CFS
DESIGN HW ELEVATION	=	166.6	FT
100 YEAR DISCHARGE	=	29	CFS
100 YEAR HW ELEVATION	=	166.8	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	39	CFS
OVERTOPPING ELEVATION	=	167.7	FT



LEFT DITCH -----
RIGHT DITCH -----
-EY18- PLANS SEE SHEETS 7 & 8

-Y33-



-Y33- PLANS SEE SHEET 47

4/18/2002
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