

5/14/99

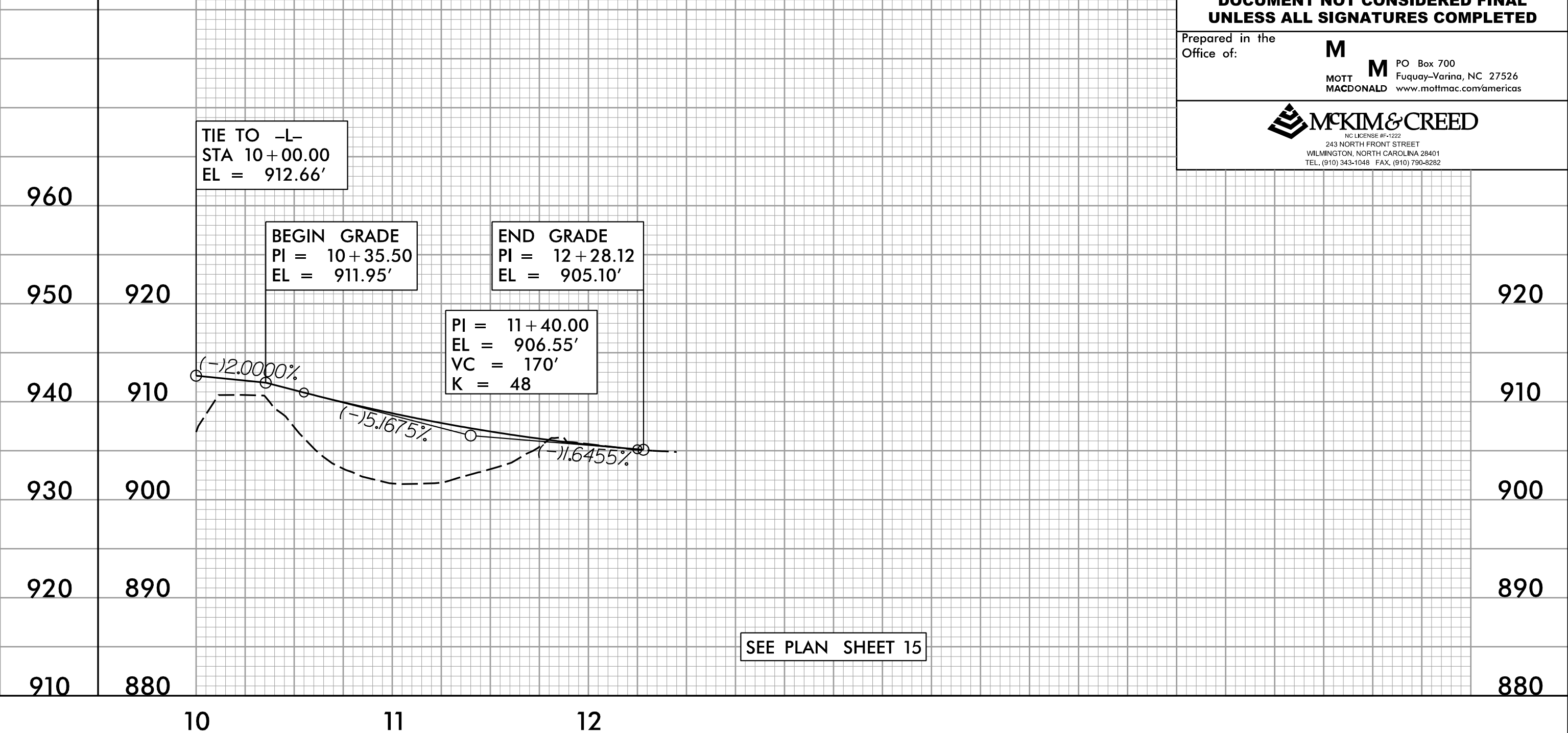
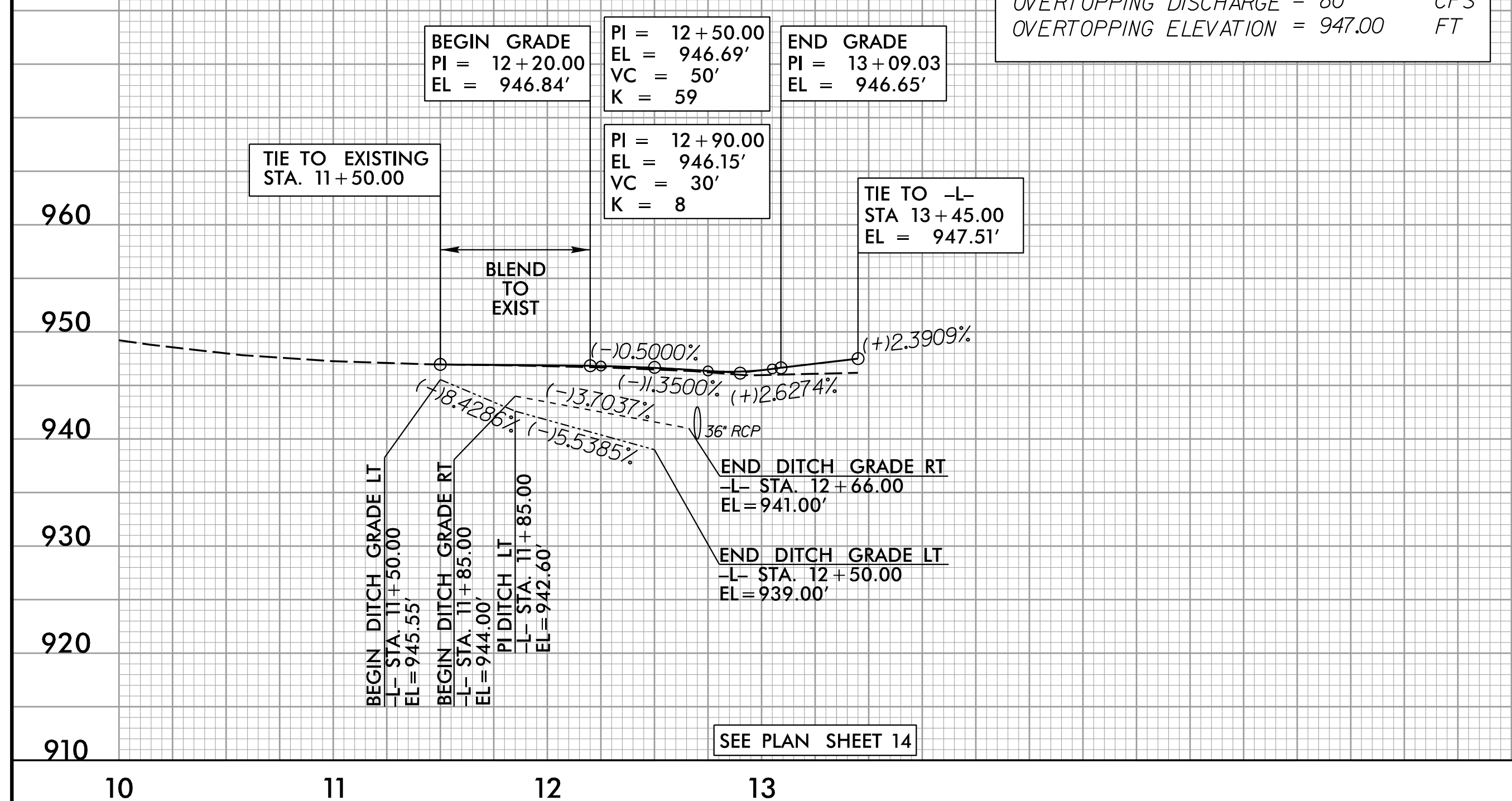
# -Y20-

**PIPE HYDRAULIC DATA**  
36" RCP Sta. 12+70 -Y20-

DRAINAGE AREA	= 28.9	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 55J	CFS
DESIGN HW ELEVATION	= 945.08	FT
100 YEAR DISCHARGE	= 63.9	CFS
100 YEAR HW ELEVATION	= 945.80	FT
OVERTOPPING FREQUENCY	= 100<Q<500	YRS
OVERTOPPING DISCHARGE	= 80	CFS
OVERTOPPING ELEVATION	= 947.00	FT

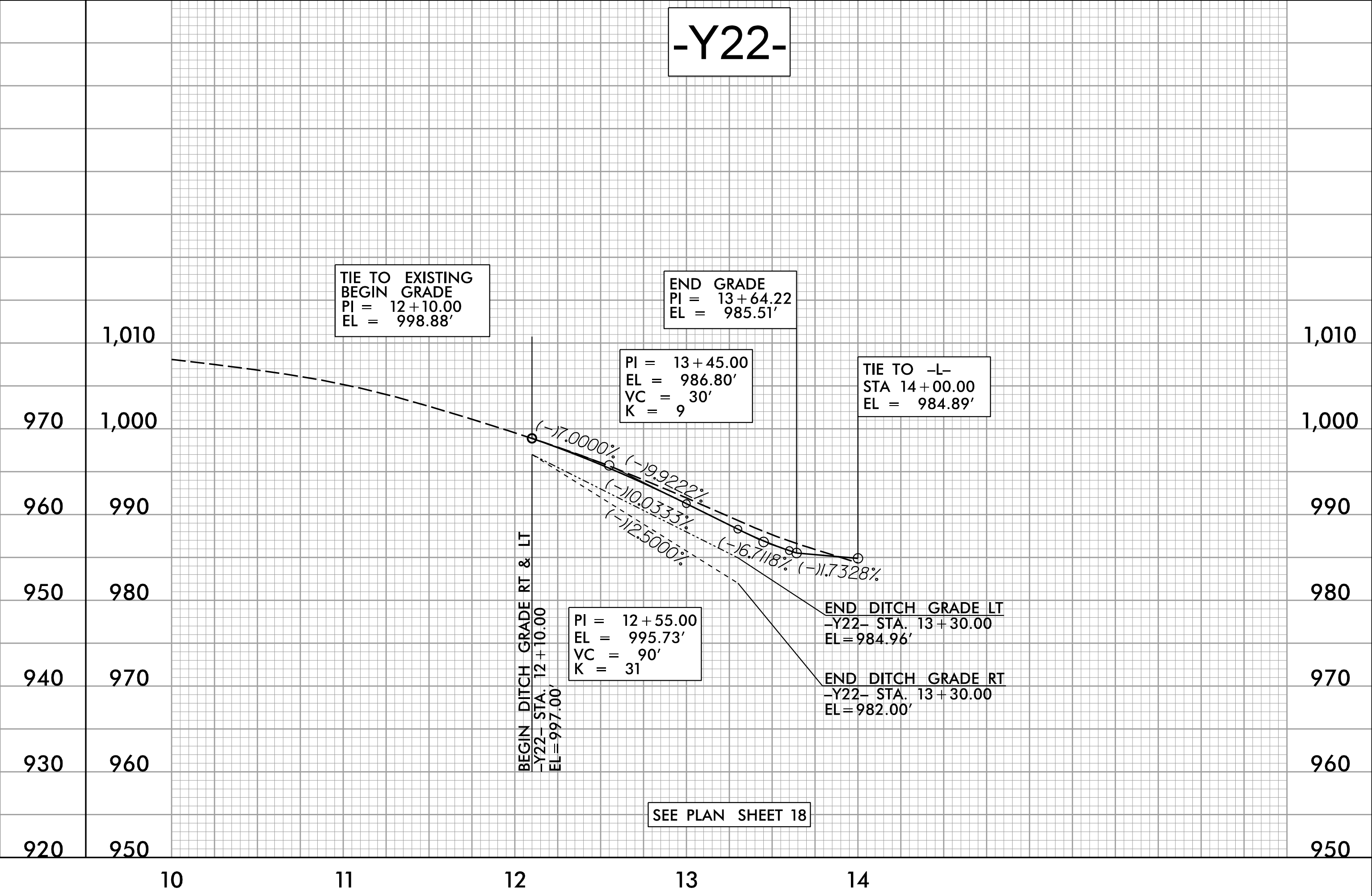
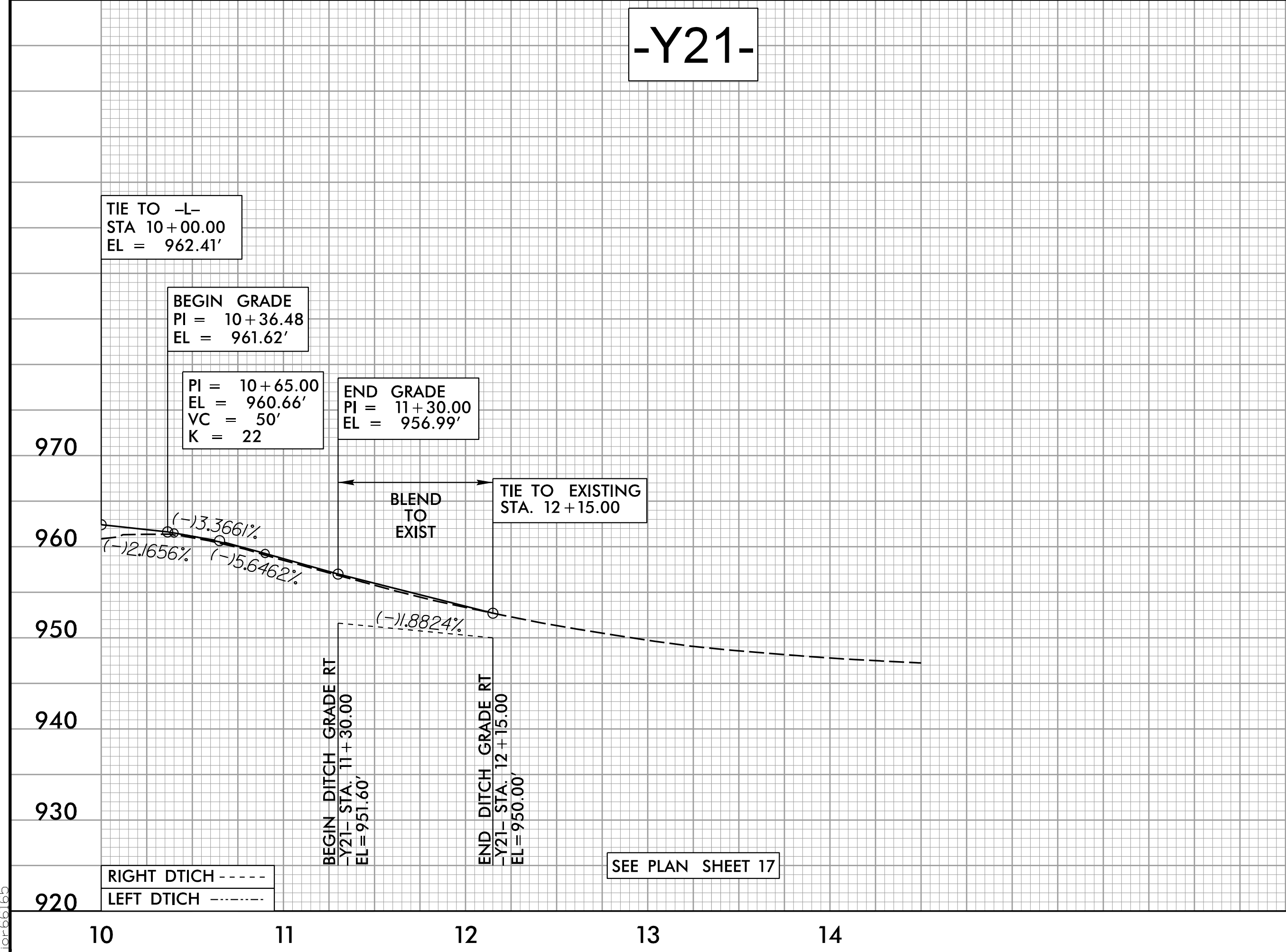
# -CBT\_DR-

PROJECT REFERENCE NO.	R-3100A	SHEET NO.	35
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
MOTT MACDONALD I & E, LLC LICENSE NO. F-0669			
<b>DOCUMENT NOT CONSIDERED FINAL</b> <b>UNLESS ALL SIGNATURES COMPLETED</b>			
Prepared in the Office of:			
MOTT MACDONALD I & E, LLC PO Box 700 Furqan-Yarino, NC 27526 www.mottmac.com/americas			



# -Y21-

# -Y22-



2:55:49 PM  
C:\p001\p3100A\_rdu\_psh24-36.dgn