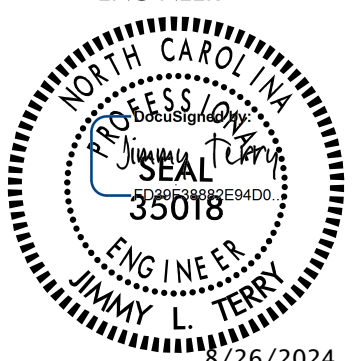


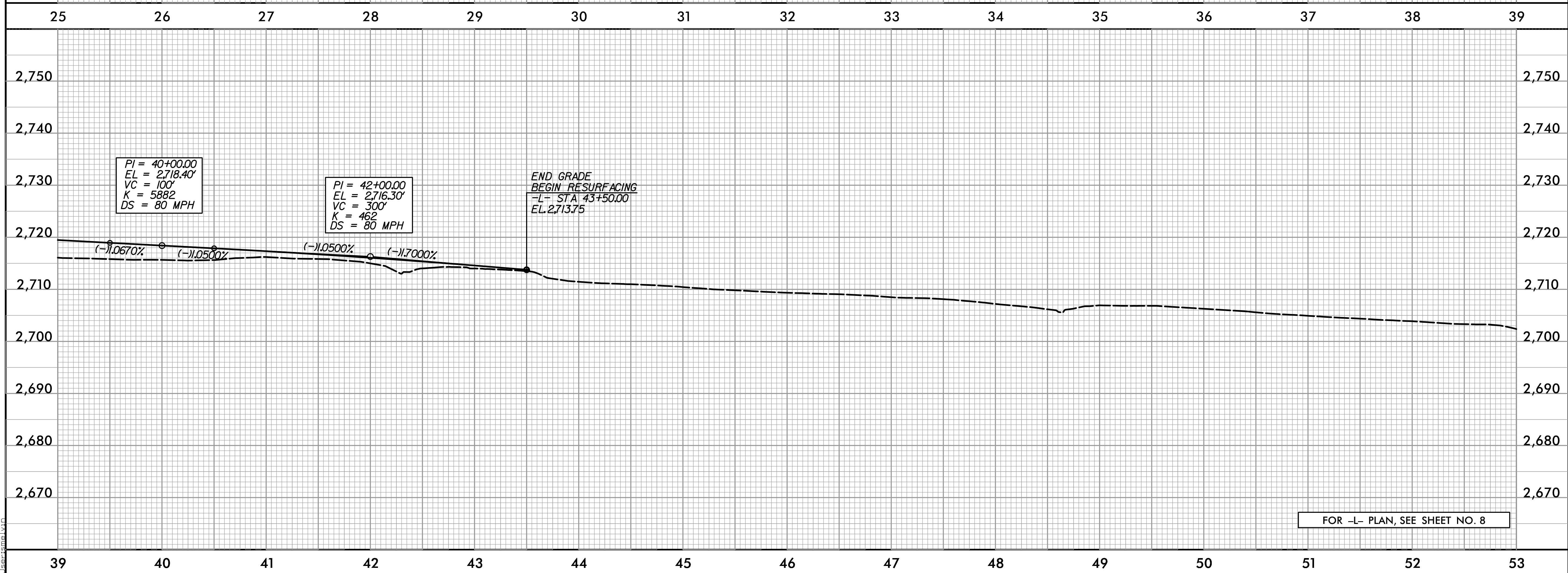
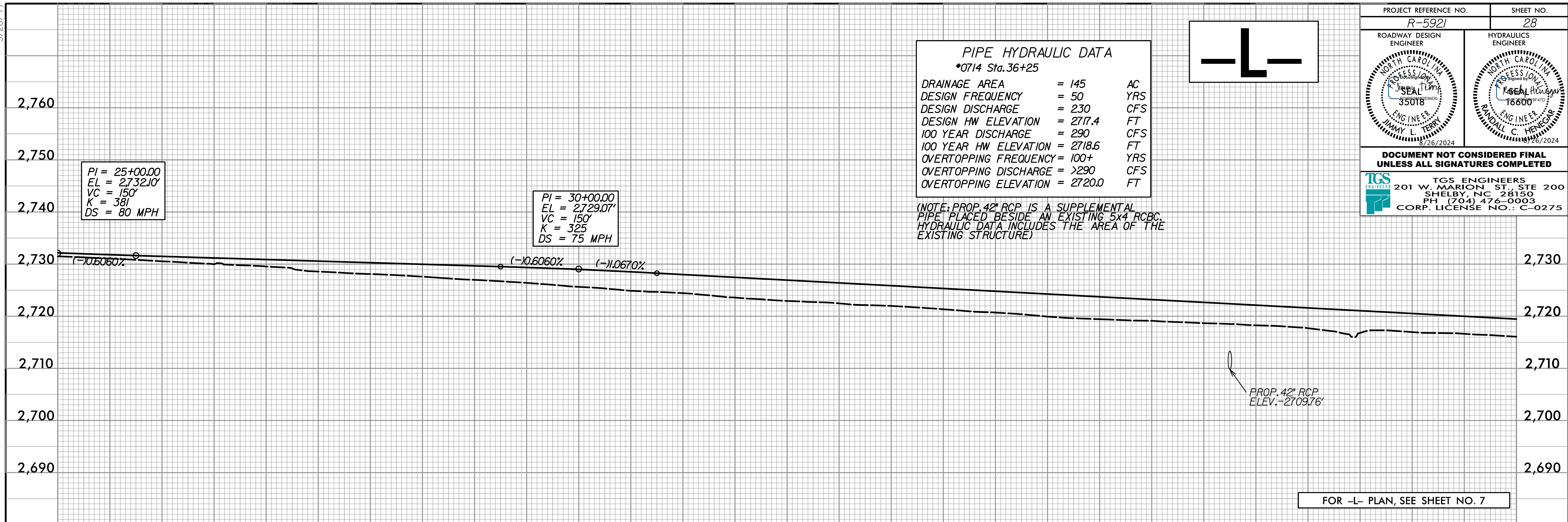
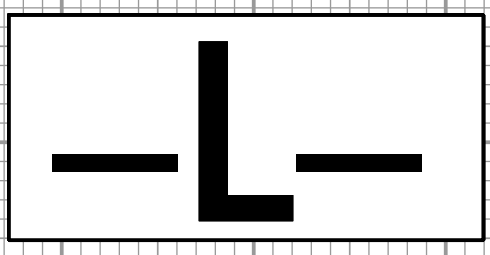


5/28/24

PROJECT REFERENCE NO. R-5921	SHEET NO. 28
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

PIPE HYDRAULIC DATA
 *0714 Sta. 36+25

DRAINAGE AREA	= 145	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 230	CFS
DESIGN HW ELEVATION	= 2717.4	FT
100 YEAR DISCHARGE	= 290	CFS
100 YEAR HW ELEVATION	= 2718.6	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= >290	CFS
OVERTOPPING ELEVATION	= 2720.0	FT



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