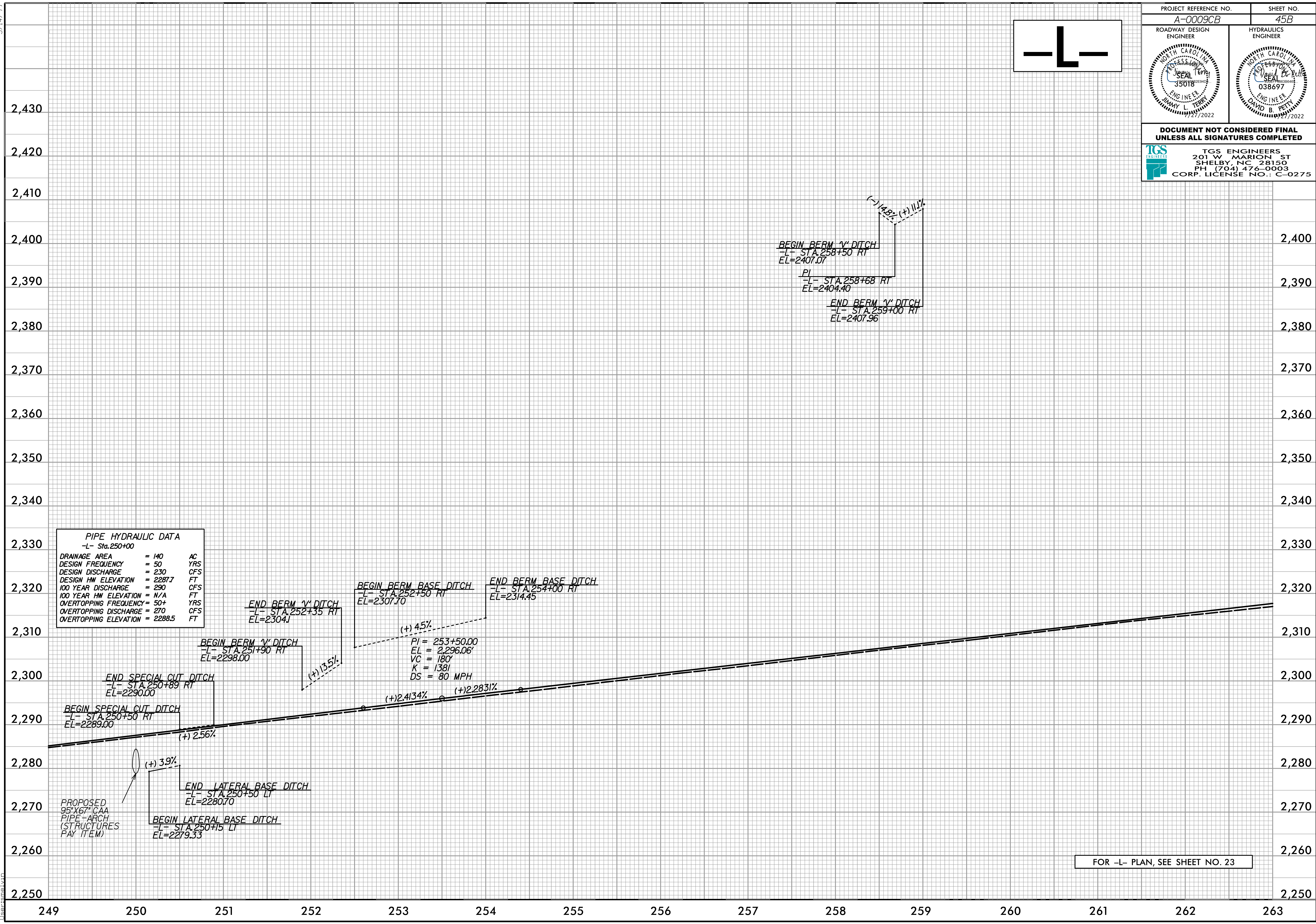
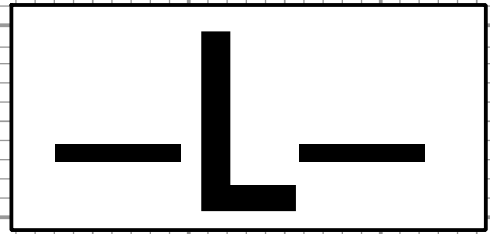


5/14/19  
5/19/2022  
S:\Projects\A-0009CB\Roadway\Proj\A-0009CB\Plan\_Sheets\A-0009CB\_Rdy\_pfl\_Sheets.dgn  
User:smalw

PROJECT REFERENCE NO. A-0009CB	SHEET NO. 45B
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
 <b>TGS ENGINEERS</b> 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



**PIPE HYDRAULIC DATA**  
-L- Sta. 250+00

DRAINAGE AREA	= 140	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 230	CFS
DESIGN HW ELEVATION	= 2287.7	FT
100 YEAR DISCHARGE	= 290	CFS
100 YEAR HW ELEVATION	= N/A	FT
OVERTOPPING FREQUENCY	= 50+	YRS
OVERTOPPING DISCHARGE	= 270	CFS
OVERTOPPING ELEVATION	= 2288.5	FT

FOR -L- PLAN, SEE SHEET NO. 23