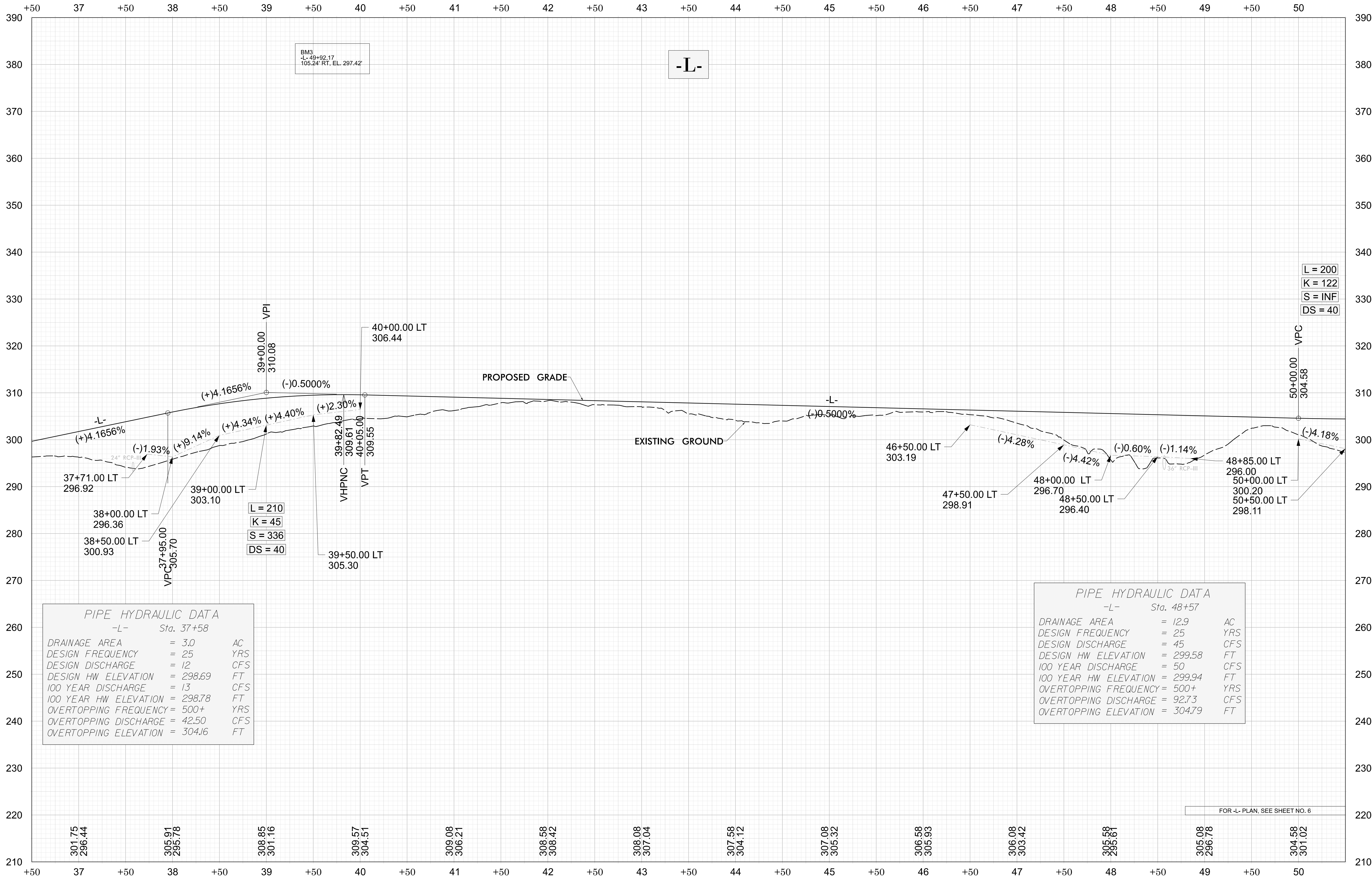




PIPE HYDRAULIC DATA			
-L-	Sta. 37+58		
DRAINAGE AREA	= 3.0	AC	
DESIGN FREQUENCY	= 25	YRS	
DESIGN DISCHARGE	= 12	CFS	
DESIGN HW ELEVATION	= 298.69	FT	
100 YEAR DISCHARGE	= 13	CFS	
100 YEAR HW ELEVATION	= 298.78	FT	
OVERTOPPING FREQUENCY	= 500+	YRS	
OVERTOPPING DISCHARGE	= 42.50	CFS	
OVERTOPPING ELEVATION	= 304.16	FT	

PIPE HYDRAULIC DATA			
-L-	Sta. 48+57		
DRAINAGE AREA	= 12.9	AC	
DESIGN FREQUENCY	= 25	YRS	
DESIGN DISCHARGE	= 45	CFS	
DESIGN HW ELEVATION	= 299.58	FT	
100 YEAR DISCHARGE	= 50	CFS	
100 YEAR HW ELEVATION	= 299.94	FT	
OVERTOPPING FREQUENCY	= 500+	YRS	
OVERTOPPING DISCHARGE	= 92.73	CFS	
OVERTOPPING ELEVATION	= 304.79	FT	

FOR -L- PLAN, SEE SHEET NO. 6

HE-0002

4RDI010

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WAKE COUNTY

DIVISION 5

ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

PREPARED BY

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NC CDR No. F-1265

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UNLESS ALL SIGNATURES COMPLETED