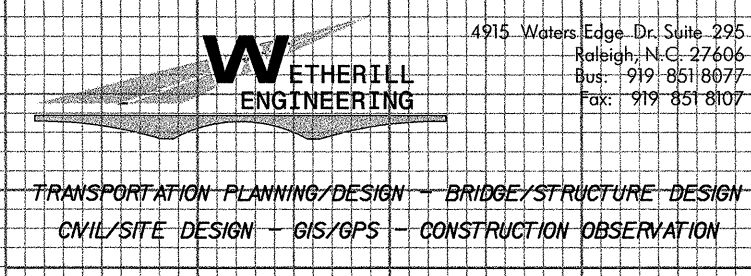
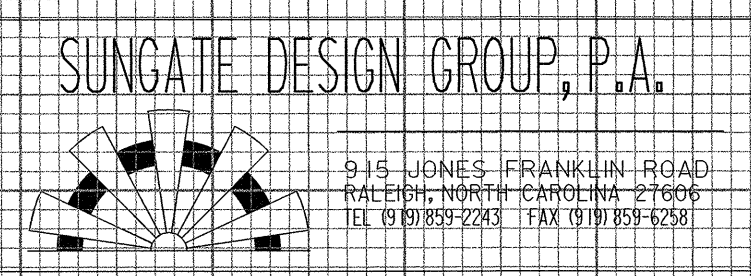


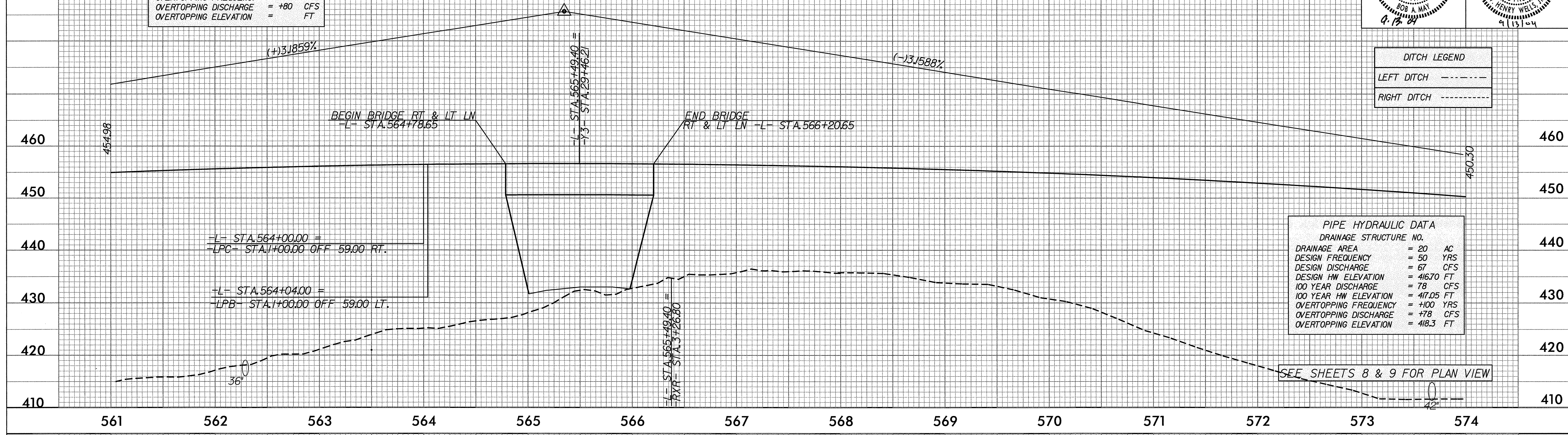
5/28/99

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.	
DRAINAGE AREA	= 23 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 44 CFS
DESIGN HW ELEVATION	= 421.8 FT
100 YEAR DISCHARGE	= 52 CFS
100 YEAR HW ELEVATION	= 422.5 FT
OVERTOPPING FREQUENCY	= +500 YRS
OVERTOPPING DISCHARGE	= +80 CFS
OVERTOPPING ELEVATION	= FT

PI = 565+35.00  
 EL = 485.67'  
 VC = 3,655'  
 K = 408

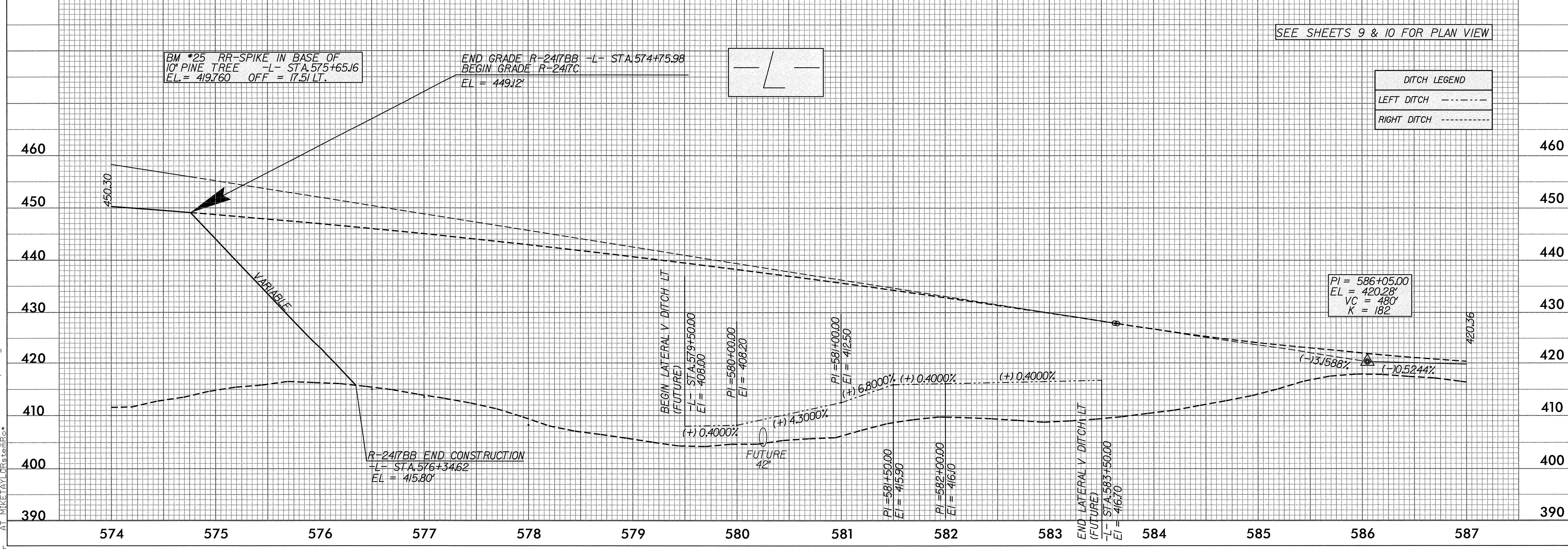


PROJECT REFERENCE NO. <b>R-2417BB</b>	SHEET NO. <b>18</b>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.	
DRAINAGE AREA	= 20 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 67 CFS
DESIGN HW ELEVATION	= 416.70 FT
100 YEAR DISCHARGE	= 78 CFS
100 YEAR HW ELEVATION	= 417.05 FT
OVERTOPPING FREQUENCY	= +100 YRS
OVERTOPPING DISCHARGE	= +78 CFS
OVERTOPPING ELEVATION	= 418.3 FT

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----



PI = 586+05.00  
 EL = 420.28'  
 VC = 480'  
 K = 182

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

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 13:17:21 5/28/99