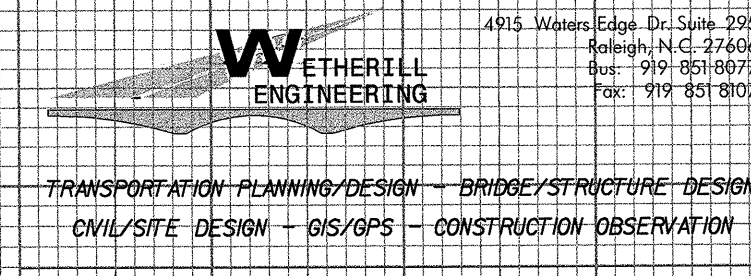
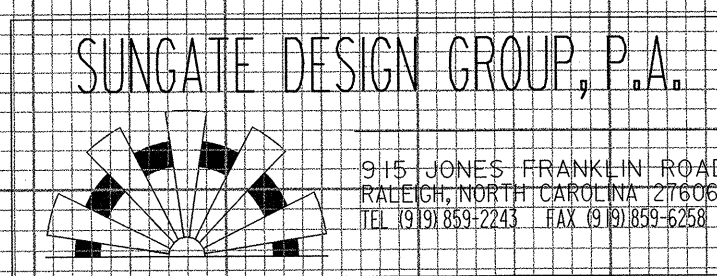
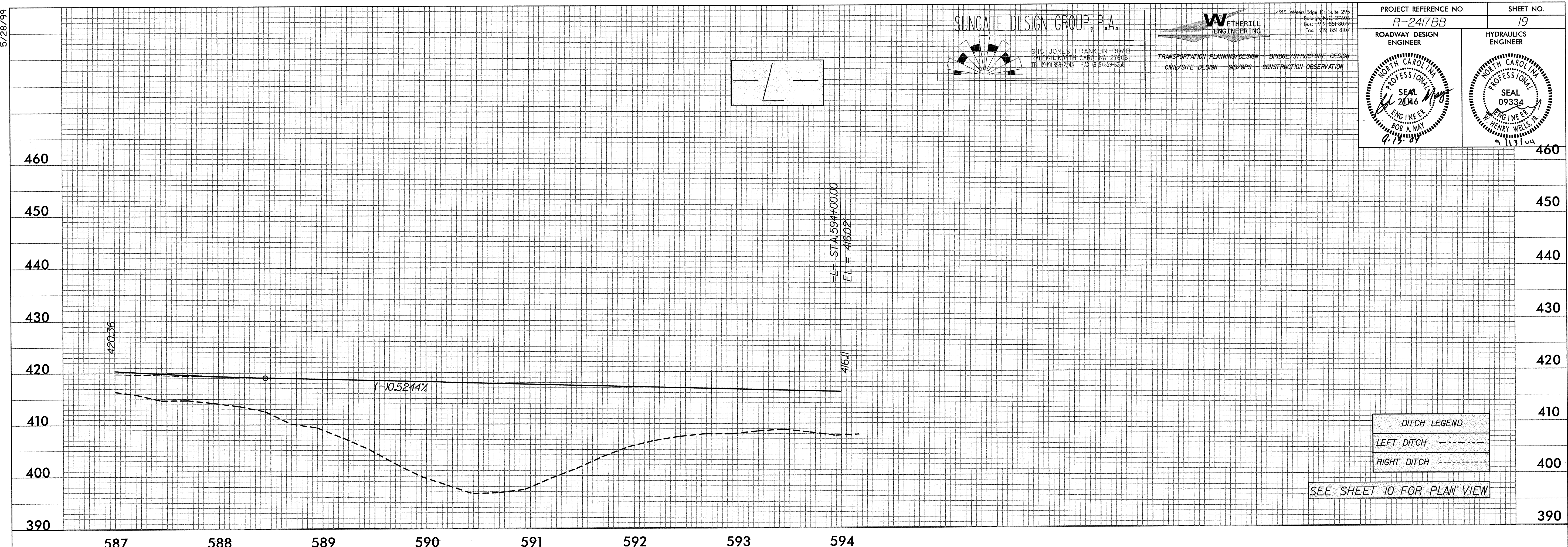


5/28/99



PROJECT REFERENCE NO. R-2417BB	SHEET NO. 19
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

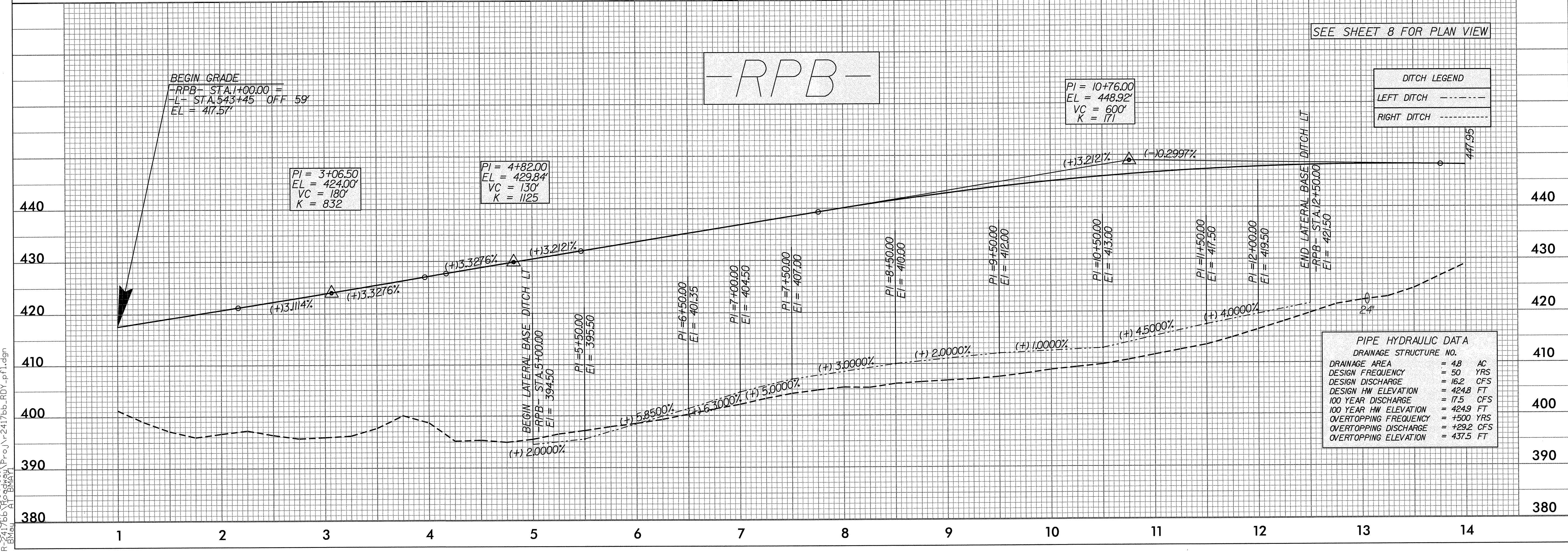


DITCH LEGEND

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

SEE SHEET 10 FOR PLAN VIEW

05-JUN-2004 09:09 R:\17\15\2004\DATA\Proj\R-2417bb\RDY_pf1.dgn



DITCH LEGEND

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

SEE SHEET 8 FOR PLAN VIEW

PIPE HYDRAULIC DATA

DRAINAGE AREA	= 4.8 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 162 CFS
DESIGN HW ELEVATION	= 424.8 FT
100 YEAR DISCHARGE	= 17.5 CFS
100 YEAR HW ELEVATION	= 424.9 FT
OVERTOPPING FREQUENCY	= +500 YRS
OVERTOPPING DISCHARGE	= +292 CFS
OVERTOPPING ELEVATION	= 437.5 FT