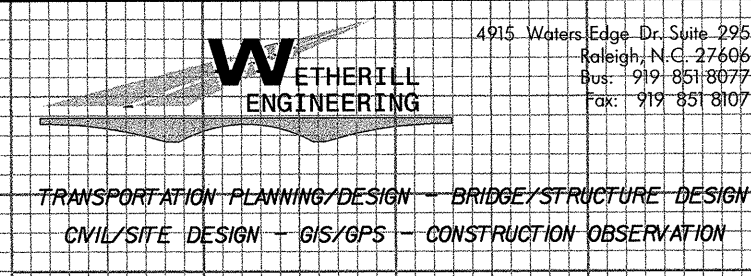
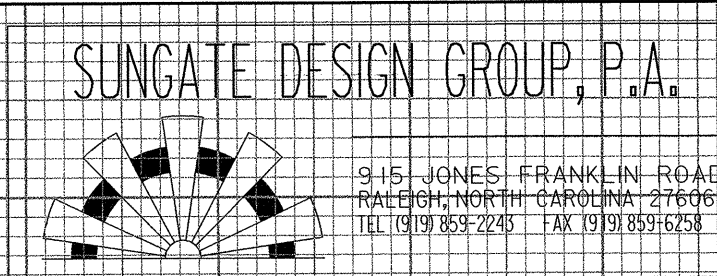


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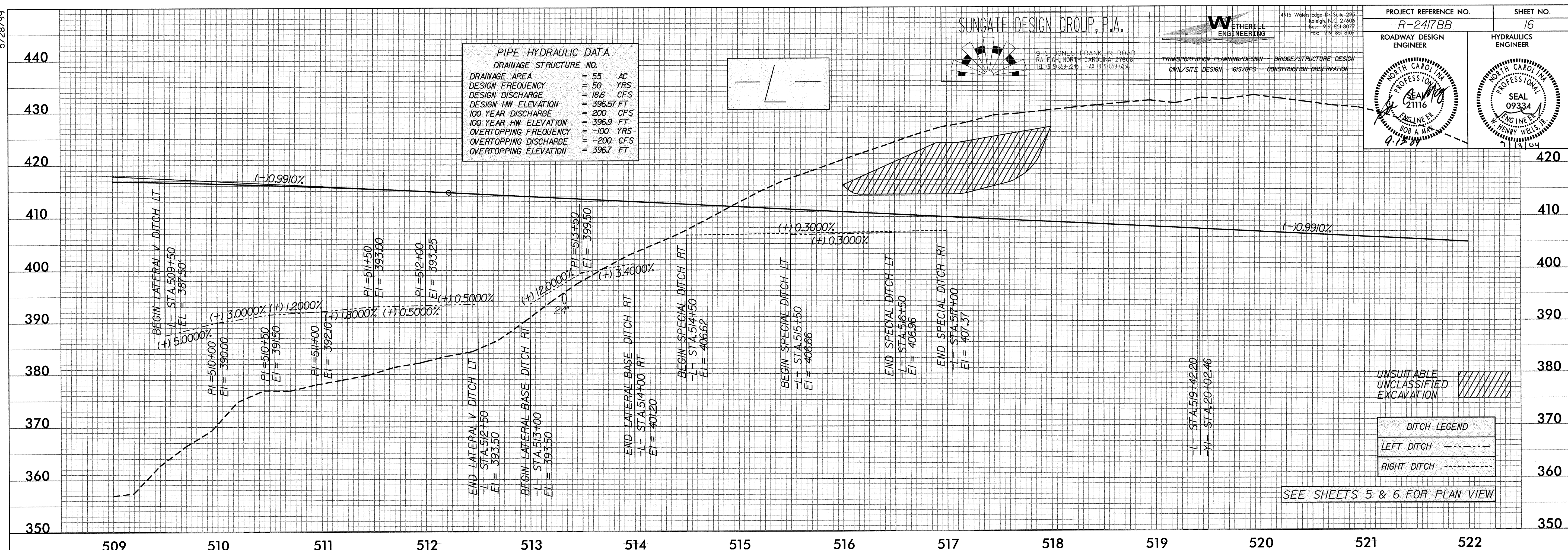


PROJECT REFERENCE NO. R-2417BB	SHEET NO. 16
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. _____

DRAINAGE AREA = 55 AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 186 CFS
 DESIGN HW ELEVATION = 396.57 FT
 100 YEAR DISCHARGE = 200 CFS
 100 YEAR HW ELEVATION = 396.9 FT
 OVERTOPPING FREQUENCY = -100 YRS
 OVERTOPPING DISCHARGE = -200 CFS
 OVERTOPPING ELEVATION = 396.7 FT



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO. _____

DRAINAGE AREA = 27.8 AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 65 CFS
 DESIGN HW ELEVATION = 395.15 FT
 100 YEAR DISCHARGE = 75 CFS
 100 YEAR HW ELEVATION = 395.68 FT
 OVERTOPPING FREQUENCY = +100 YRS
 OVERTOPPING DISCHARGE = +75 CFS
 OVERTOPPING ELEVATION = 397.37 FT

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE = 515 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 375.12 FT
 BASE DISCHARGE = 585 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 375.99 FT
 OVERTOPPING DISCHARGE = +925 CFS
 OVERTOPPING FREQUENCY = +500 YRS
 OVERTOPPING ELEVATION = 395.44 FT

BM *21 RR-SPIKE IN BASE OF 18" PINE TREE -L- STA. 531+84.71
 EL = 411.330 OFF = 163.32 RT.

DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

SEE SHEETS 6 & 7 FOR PLAN VIEW

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