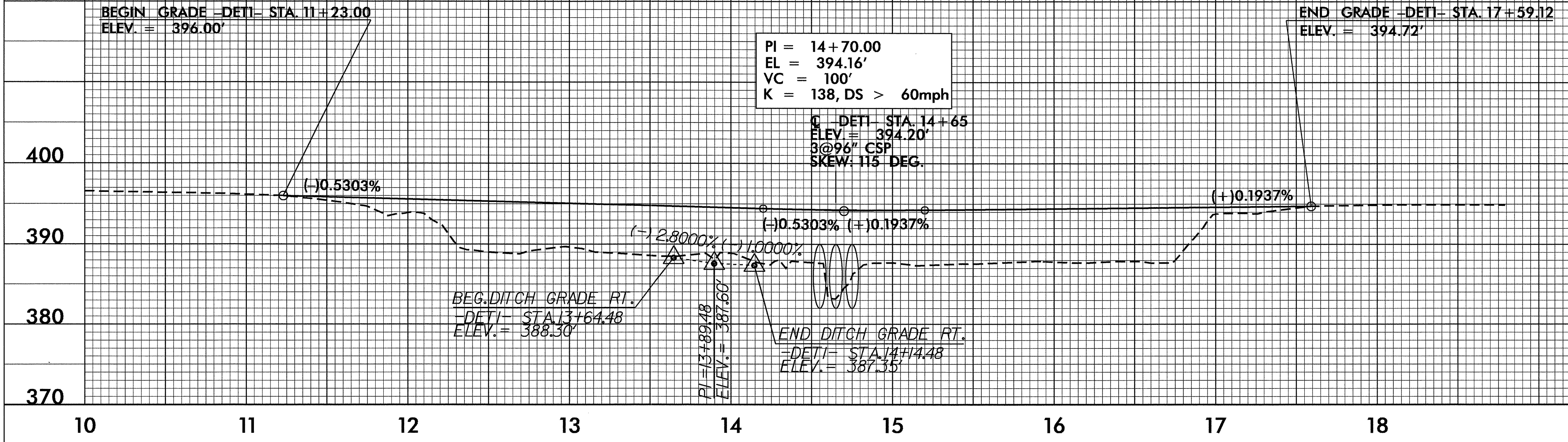


5/28/99

PROJECT REFERENCE NO. B-3629	SHEET NO. 9
ROADWAY DESIGN ENGINEER JAMES P. SPEER 7/14/04	HYDRAULIC ENGINEER R.C. HENSON 7-14-04

-DET1-

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.13	
DRAINAGE AREA	= 120 sq.mf.
DESIGN FREQUENCY	= 10 YRS
DESIGN DISCHARGE	= 1,596 CFS
DESIGN HW ELEVATION	= N/A FT
100 YEAR DISCHARGE	= N/A CFS
100 YEAR HW ELEVATION	= N/A FT
OVERTOPPING FREQUENCY	= N/A YRS
OVERTOPPING DISCHARGE	= N/A CFS
OVERTOPPING ELEVATION	= N/A FT

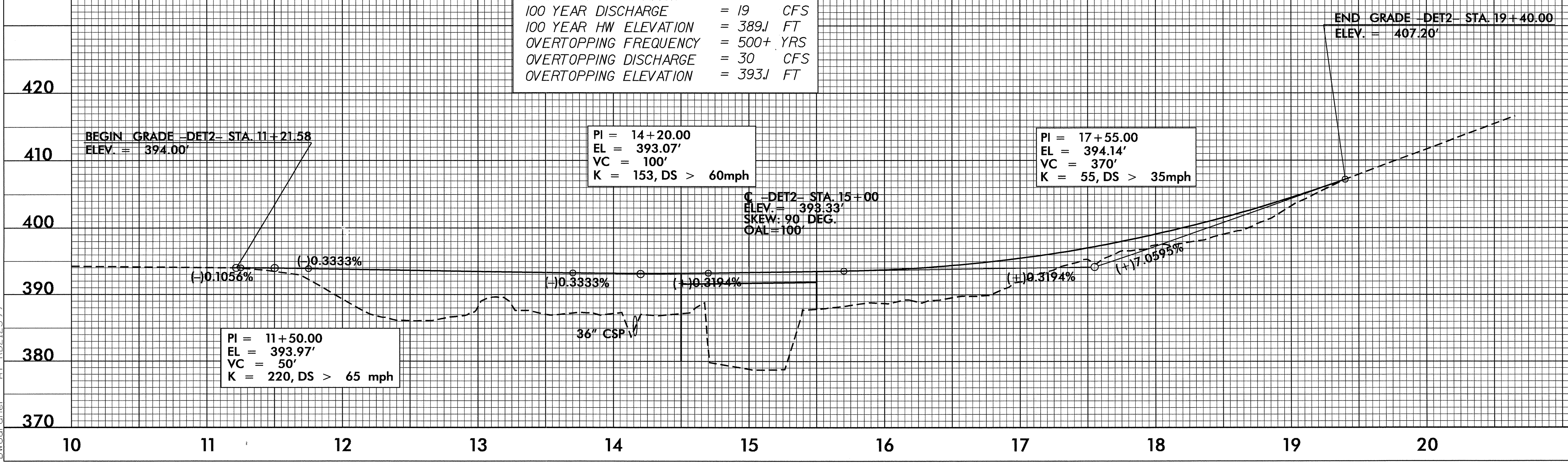


-DET1-
45 mph DESIGN SPEED

SEE SHEET 6 FOR PLANS

-DET2-

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.14	
DRAINAGE AREA	= 11 AC
DESIGN FREQUENCY	= 10 YRS
DESIGN DISCHARGE	= 14 CFS
DESIGN HW ELEVATION	= 387.9 FT
100 YEAR DISCHARGE	= 19 CFS
100 YEAR HW ELEVATION	= 389J FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 30 CFS
OVERTOPPING ELEVATION	= 393J FT



-DET2-
45 mph DESIGN SPEED

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

SEE SHEET 7 FOR PLANS

13-JUL-2004 07:03
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