DITCH LEGEND	PROJECT REFERENCE NO.	SHEET NO.
RIGHT DITCH ----------	U-2579B	58
LEFT DITCH —·—·—	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

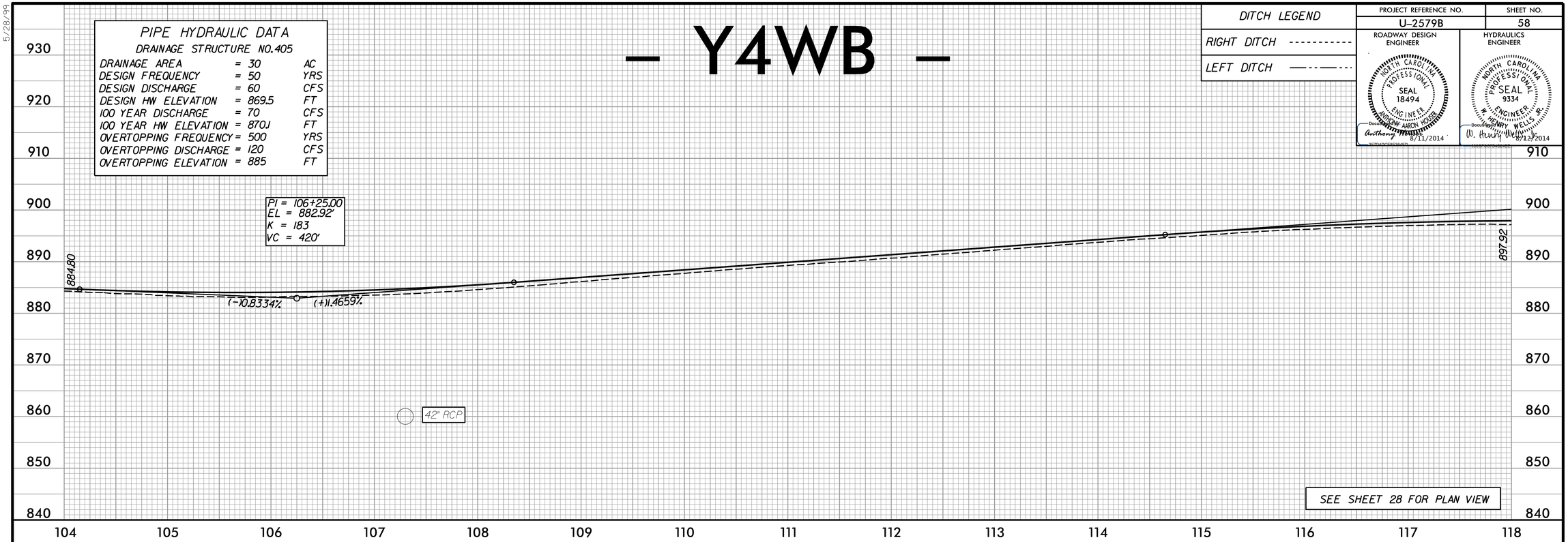
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER
Anthony A. Houser 8/11/2014

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER HENRY WELLS JR.
W. Henry Wells Jr. 8/13/2014

– Y4WB –

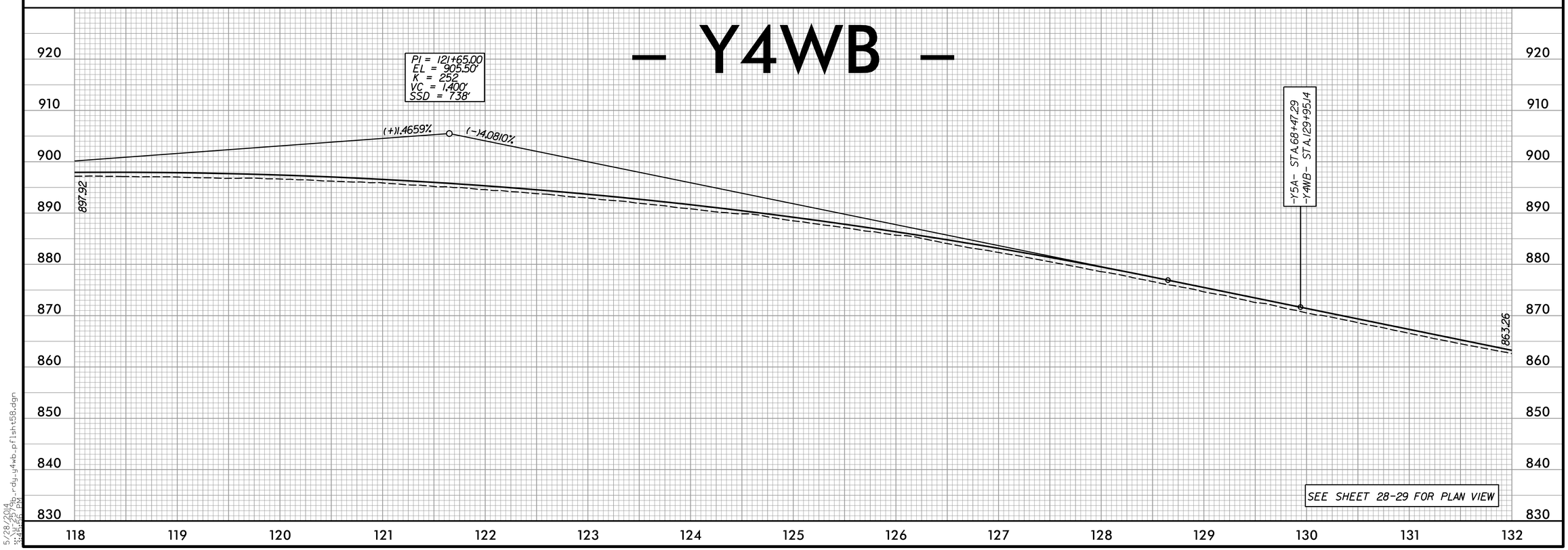
PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.405

DRAINAGE AREA	=	30	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	60	CFS
DESIGN HW ELEVATION	=	869.5	FT
100 YEAR DISCHARGE	=	70	CFS
100 YEAR HW ELEVATION	=	870.1	FT
OVERTOPPING FREQUENCY	=	500	YRS
OVERTOPPING DISCHARGE	=	120	CFS
OVERTOPPING ELEVATION	=	885	FT



SEE SHEET 28 FOR PLAN VIEW

– Y4WB –



SEE SHEET 28-29 FOR PLAN VIEW

5/28/99

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