PROJECT REFERENCE NO.	SHEET NO.
U-2579B	41

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DITCH LEGEND

RIGHT DITCH ----------

LEFT DITCH —·—·—

PIPE HYDRAULIC DATA

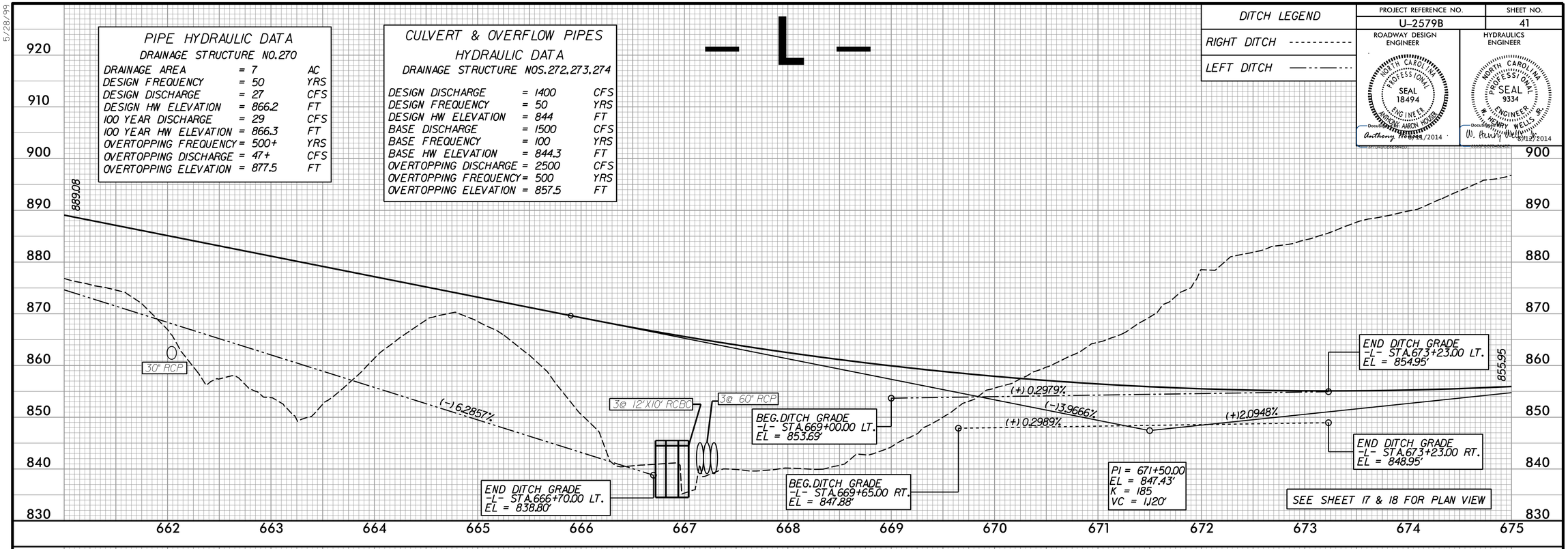
DRAINAGE STRUCTURE NO.270

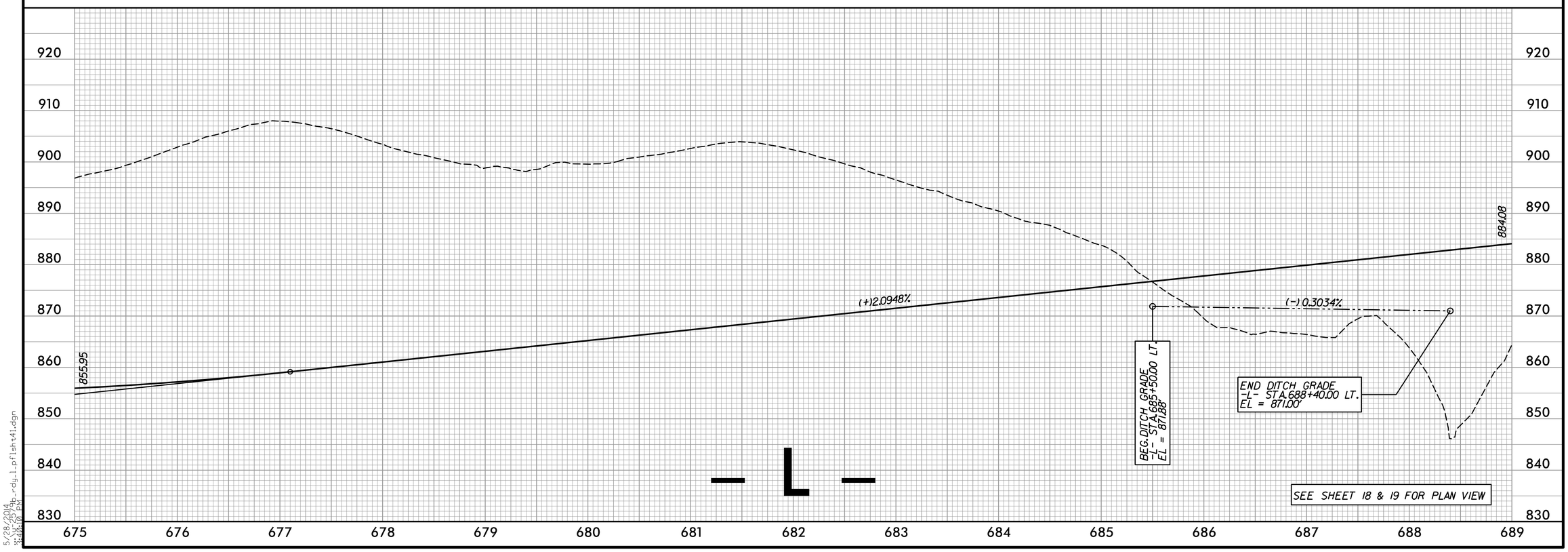
DRAINAGE AREA	= 7	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 27	CFS
DESIGN HW ELEVATION	= 866.2	FT
100 YEAR DISCHARGE	= 29	CFS
100 YEAR HW ELEVATION	= 866.3	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 47+	CFS
OVERTOPPING ELEVATION	= 877.5	FT

CULVERT & OVERFLOW PIPES HYDRAULIC DATA

DRAINAGE STRUCTURE NOS.272,273,274

DESIGN DISCHARGE	= 1400	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 844	FT
BASE DISCHARGE	= 1500	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 844.3	FT
OVERTOPPING DISCHARGE	= 2500	CFS
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING ELEVATION	= 857.5	FT





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