

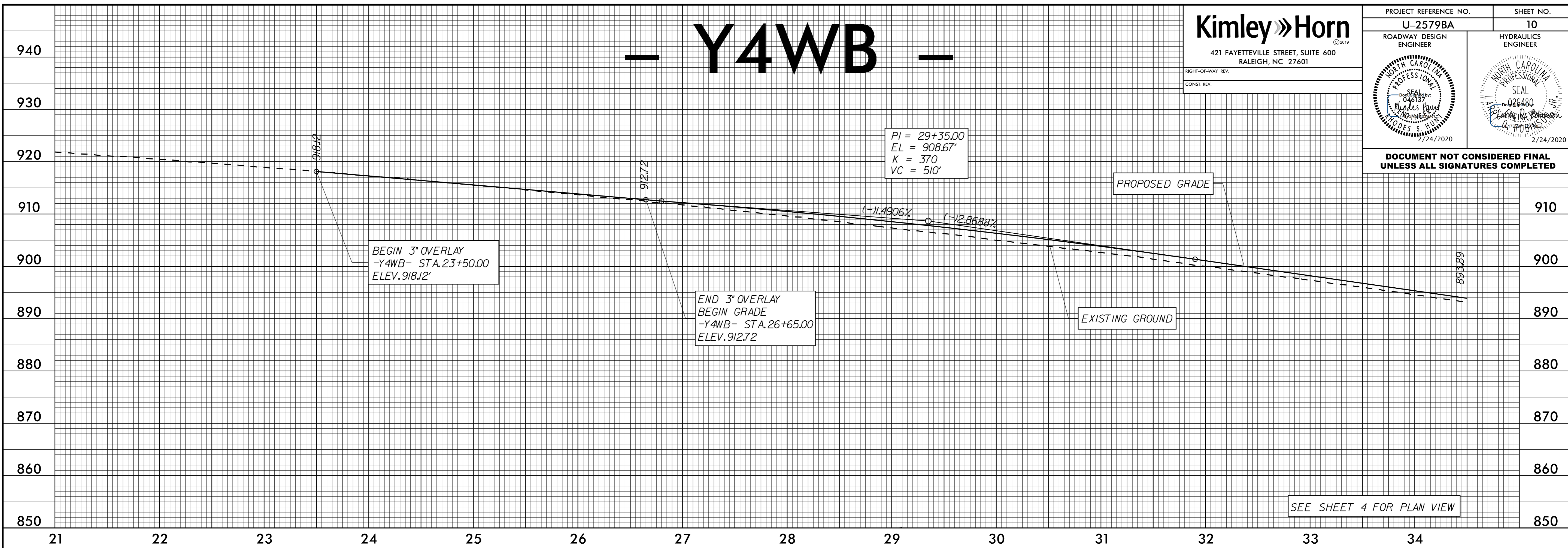
5/28/99

— Y4WB —

Kimley»Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

PROJECT REFERENCE NO. U-2579BA	SHEET NO. 10
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

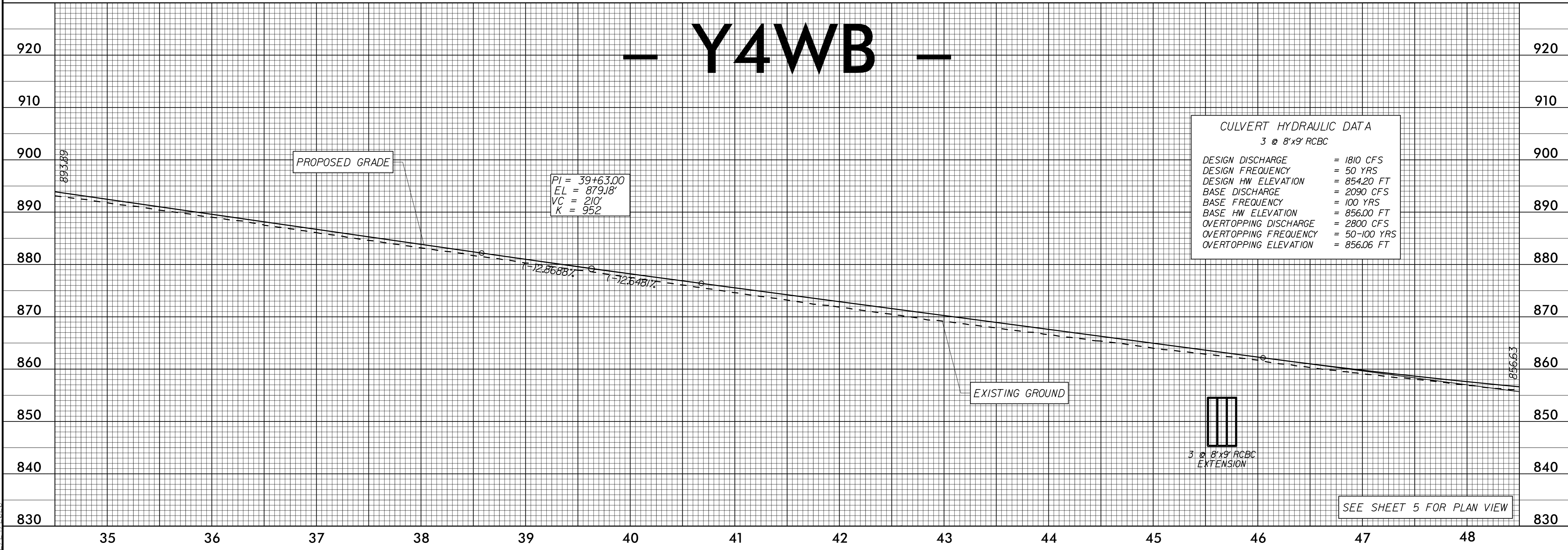
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



— Y4WB —

CULVERT HYDRAULIC DATA
3 @ 8'x9' RCBC

DESIGN DISCHARGE	= 1810 CFS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 854.20 FT
BASE DISCHARGE	= 2090 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 856.00 FT
OVERTOPPING DISCHARGE	= 2800 CFS
OVERTOPPING FREQUENCY	= 50-100 YRS
OVERTOPPING ELEVATION	= 856.06 FT



2/24/2020