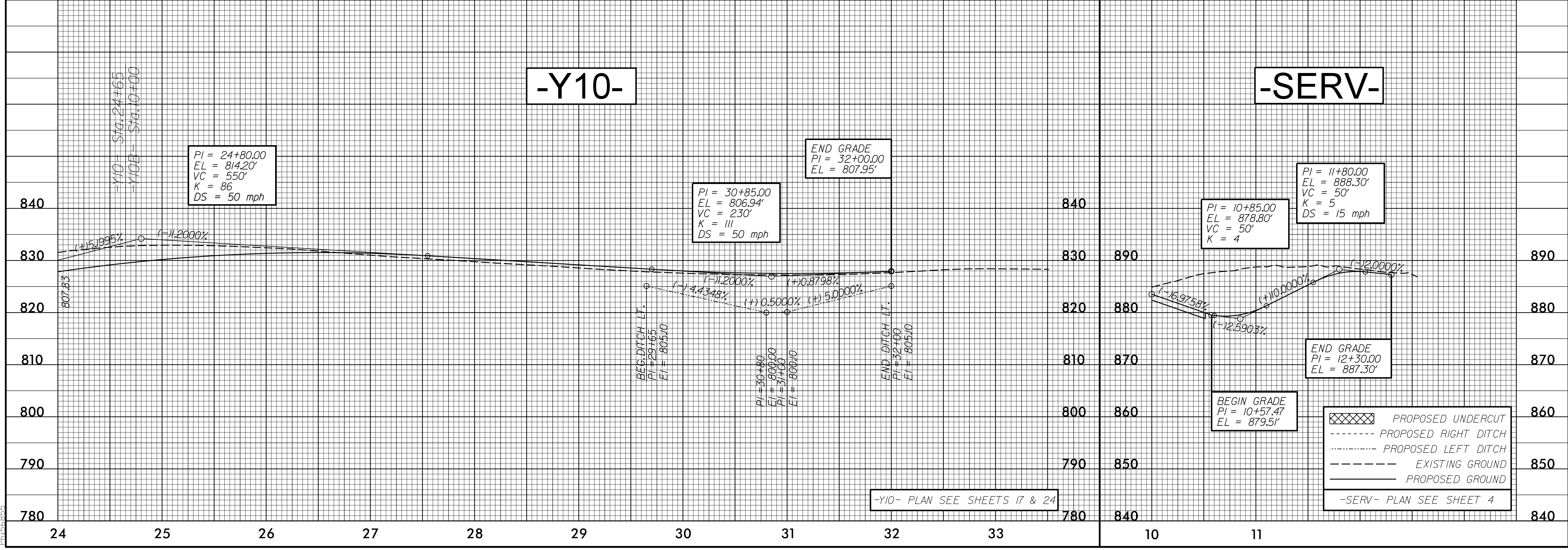
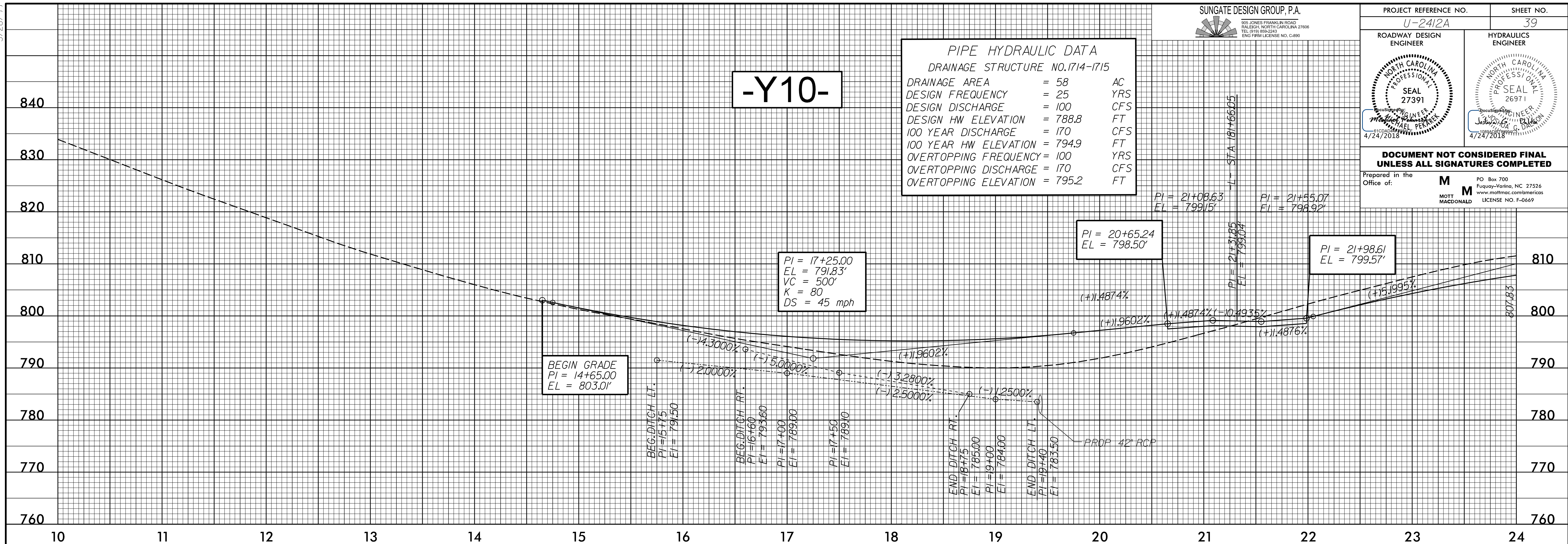


5/28/19

PROJECT REFERENCE NO. <b>U-2412A</b>	SHEET NO. <b>39</b>
ROADWAY DESIGN ENGINEER <b>Michael Penner</b>	HYDRAULICS ENGINEER <b>Joseph G. Dill</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
Prepared in the Office of: <b>MOTT MACDONALD</b>	PO Box 700 Fuquay-Varina, NC 27526 www.mottmac.com/americas LICENSE NO. F-0669

**PIPE HYDRAULIC DATA**  
DRAINAGE STRUCTURE NO.1714-1715

DRAINAGE AREA	= 58	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 100	CFS
DESIGN HW ELEVATION	= 788.8	FT
100 YEAR DISCHARGE	= 170	CFS
100 YEAR HW ELEVATION	= 794.9	FT
OVERTOPPING FREQUENCY	= 100	YRS
OVERTOPPING DISCHARGE	= 170	CFS
OVERTOPPING ELEVATION	= 795.2	FT



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