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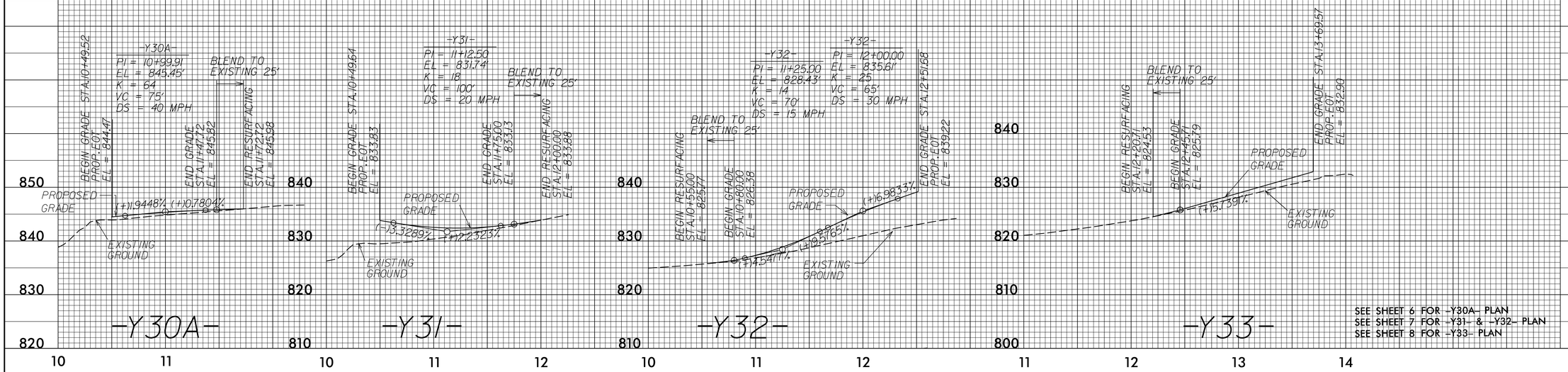
WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

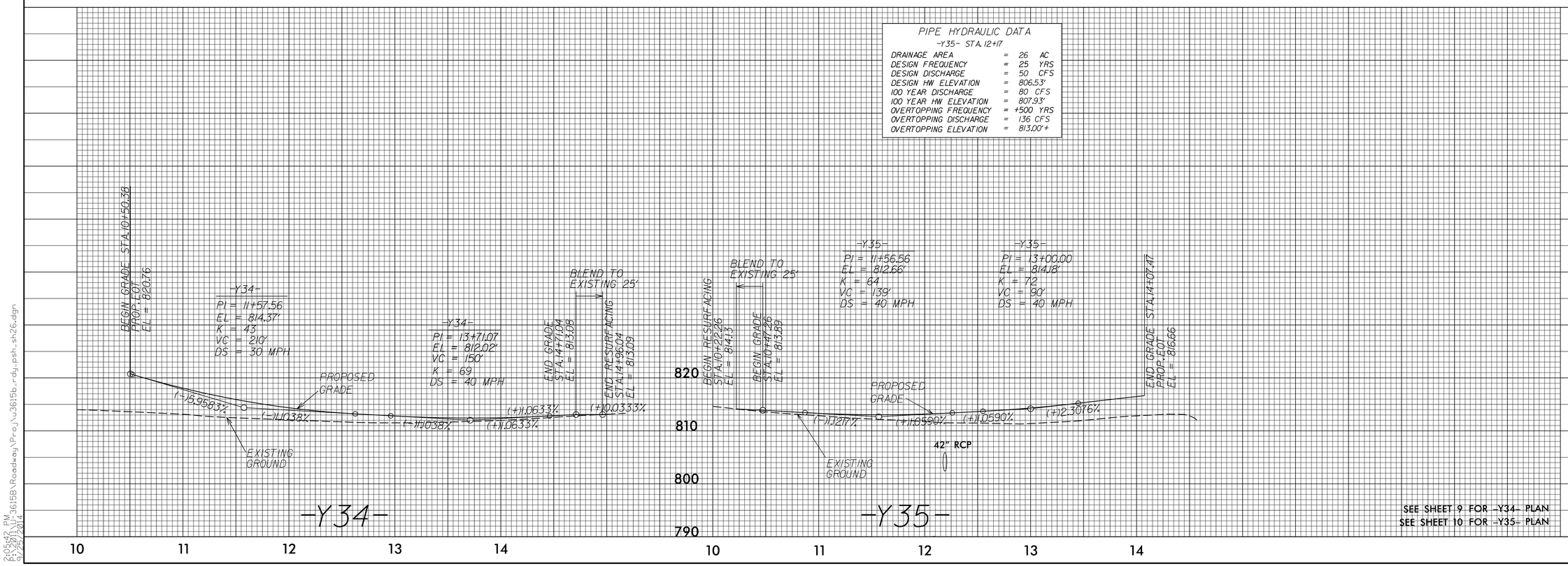
PROJECT REFERENCE NO.	SHEET NO.
U-3615B	26
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS
NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER Paul F. Fisher



PIPE HYDRAULIC DATA
-Y35- STA. 12+17

DRAINAGE AREA	=	26 AC
DESIGN FREQUENCY	=	25 YRS
DESIGN DISCHARGE	=	50 CFS
DESIGN HW ELEVATION	=	806.53'
100 YEAR DISCHARGE	=	80 CFS
100 YEAR HW ELEVATION	=	807.93'
OVERTOPPING FREQUENCY	=	+500 YRS
OVERTOPPING DISCHARGE	=	136 CFS
OVERTOPPING ELEVATION	=	813.00'+



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9/25/2014