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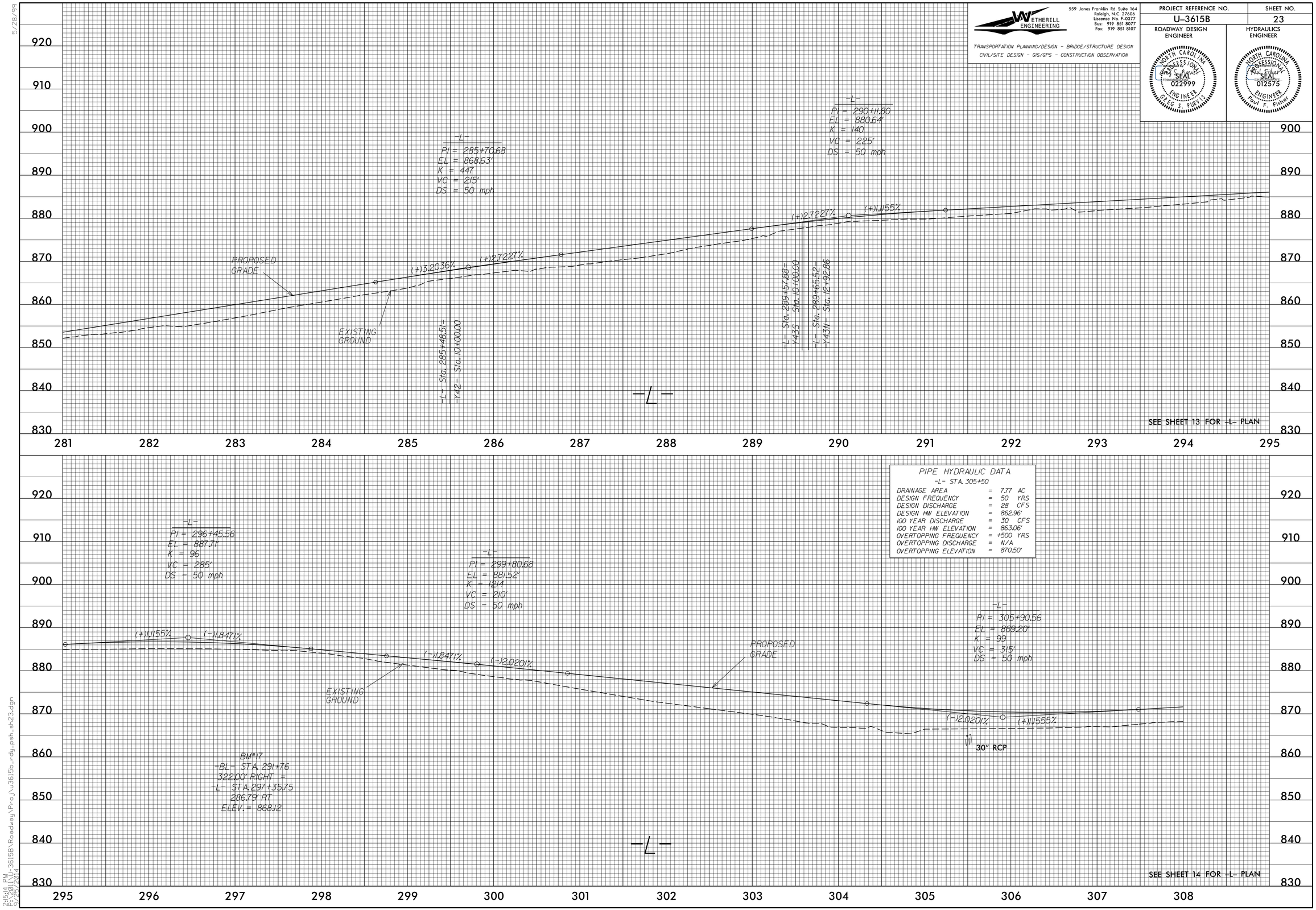
WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
U-3615B	23

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER Paul F. Fisher



PIPE HYDRAULIC DATA
-L- STA. 305+50

DRAINAGE AREA	=	7.77 AC
DESIGN FREQUENCY	=	50 YRS
DESIGN DISCHARGE	=	28 CFS
DESIGN HW ELEVATION	=	862.96'
100 YEAR DISCHARGE	=	30 CFS
100 YEAR HW ELEVATION	=	863.06'
OVERTOPPING FREQUENCY	=	+500 YRS
OVERTOPPING DISCHARGE	=	N/A
OVERTOPPING ELEVATION	=	870.50'

5/28/99

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9/25/2014