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5/28/99

CULVERT HYDRAULIC DATA
-L- STA. 266+40.00

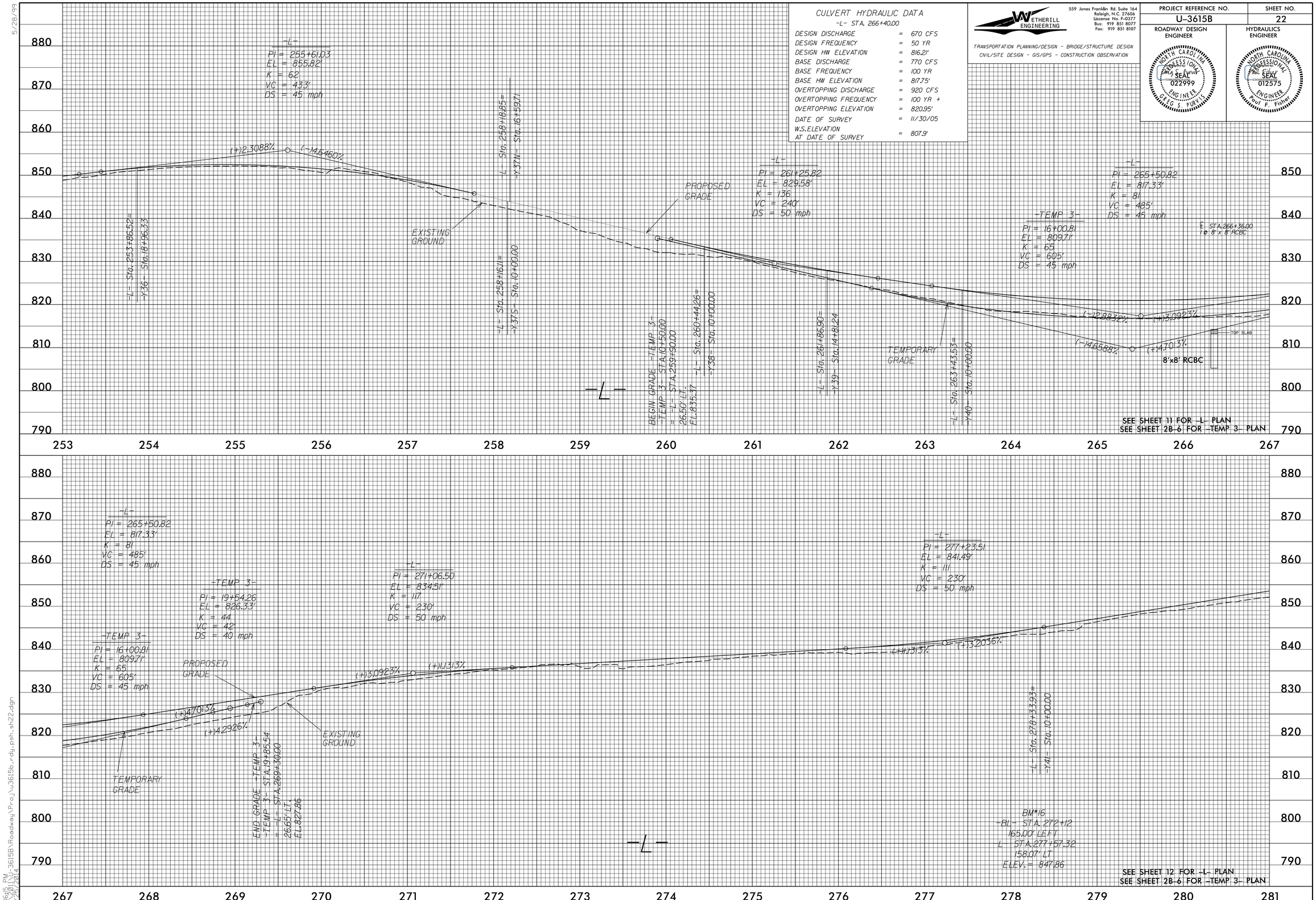
DESIGN DISCHARGE	=	670 CFS
DESIGN FREQUENCY	=	50 YR
DESIGN HW ELEVATION	=	816.21'
BASE DISCHARGE	=	770 CFS
BASE FREQUENCY	=	100 YR
BASE HW ELEVATION	=	817.75'
OVERTOPPING DISCHARGE	=	920 CFS
OVERTOPPING FREQUENCY	=	100 YR +
OVERTOPPING ELEVATION	=	820.95'
DATE OF SURVEY	=	11/30/05
W.S.ELEVATION AT DATE OF SURVEY	=	807.9'

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
Liscense 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	22
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS

NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER Paul F. Fisher



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9/25/2014