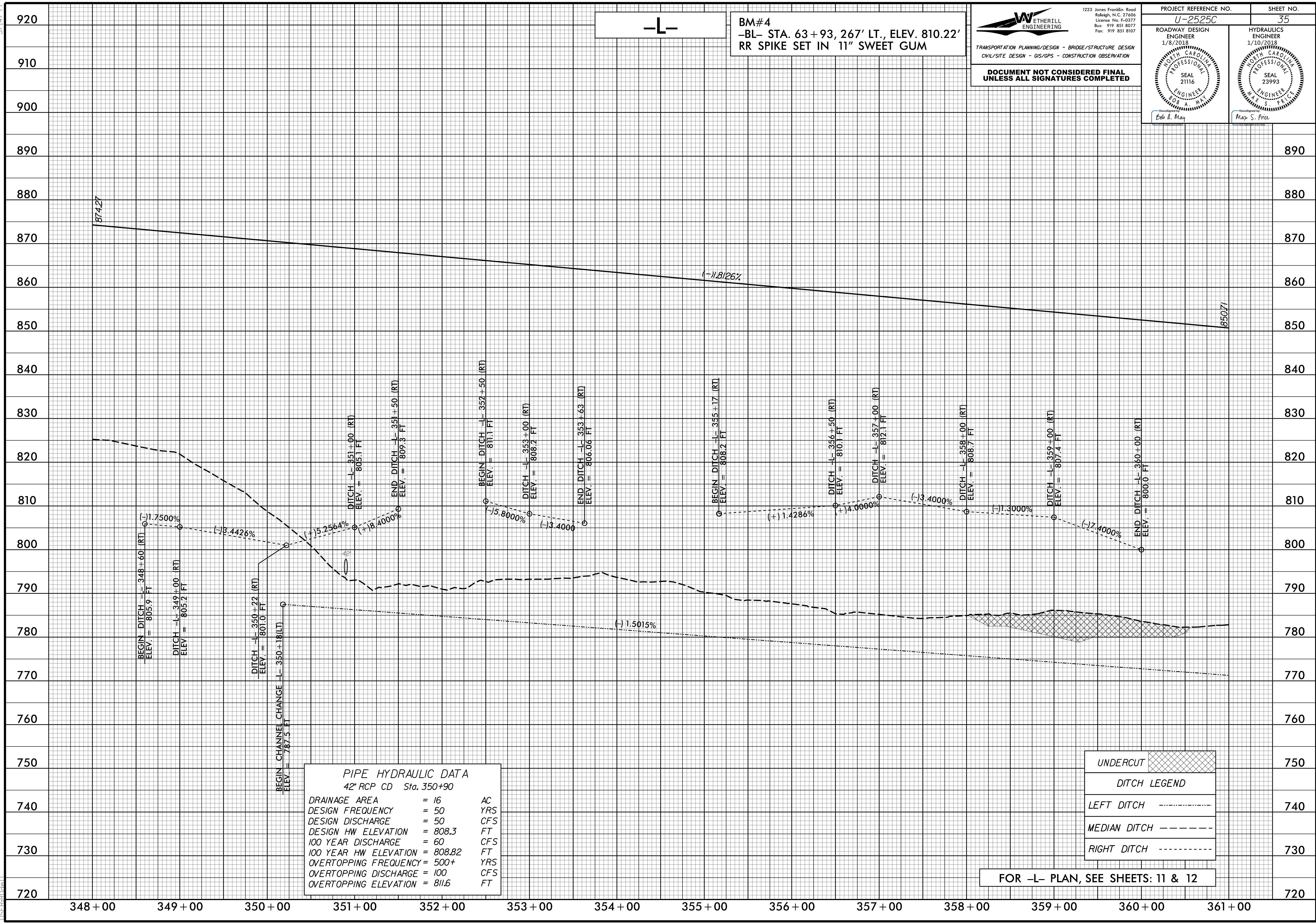


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-L-

BM#4
-BL- STA. 63+93, 267' LT., ELEV. 810.22'
RR SPIKE SET IN 11" SWEET GUM

WETHERILL ENGINEERING
 1223 Jones Franklin Road
 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

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

PROJECT REFERENCE NO. U-2525C	SHEET NO. 35
ROADWAY DESIGN ENGINEER 1/8/2018 SEAL 21116 BOB L. MAY	HYDRAULICS ENGINEER 1/10/2018 SEAL 23993 MAX S. PRUE

PIPE HYDRAULIC DATA
42" RCP CD Sta. 350+90

DRAINAGE AREA	= 16	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 50	CFS
DESIGN HW ELEVATION	= 808.3	FT
100 YEAR DISCHARGE	= 60	CFS
100 YEAR HW ELEVATION	= 808.82	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 100	CFS
OVERTOPPING ELEVATION	= 811.6	FT

UNDERCUT

DITCH LEGEND

LEFT DITCH

MEDIAN DITCH

RIGHT DITCH

FOR -L- PLAN, SEE SHEETS: 11 & 12