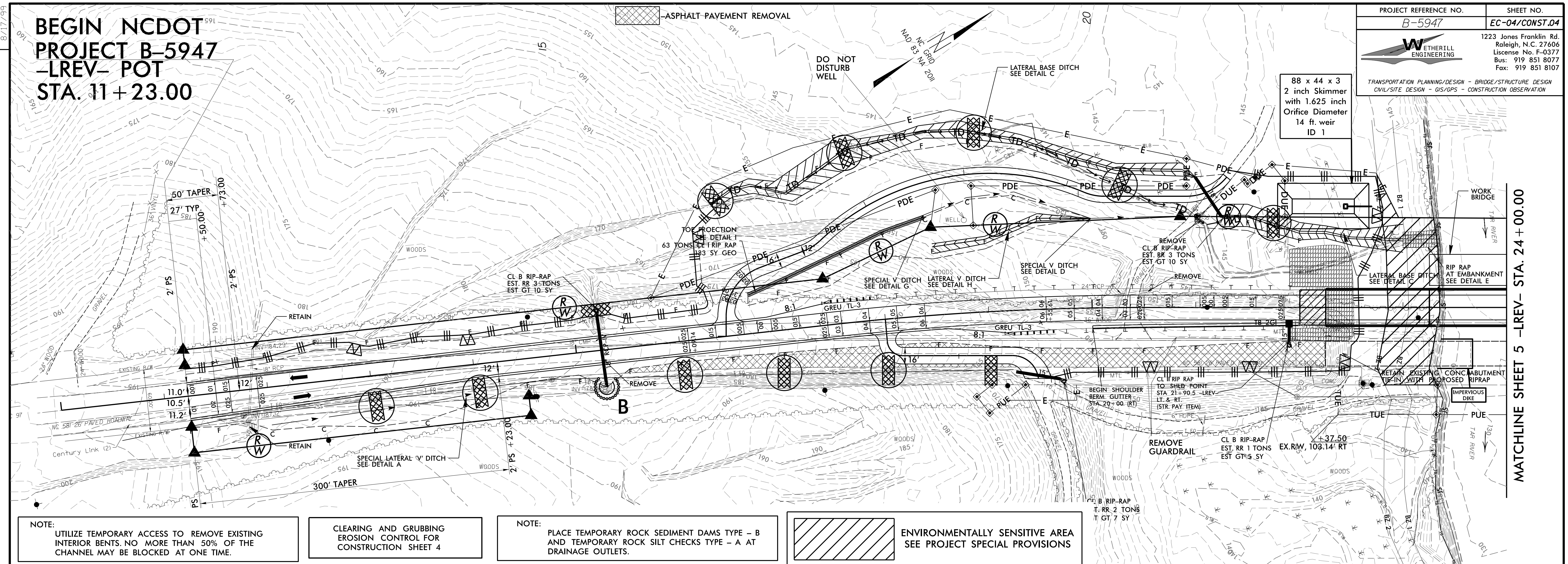


**BEGIN NCDOT
PROJECT B-5947
-LREV- POT
STA. 11+23.00**

PROJECT REFERENCE NO. B-5947	SHEET NO. EC-04/CONST.04
1223 Jones Franklin Rd. 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	

88 x 44 x 3
2 inch Skimmer
with 1.625 inch
Orifice Diameter
14 ft. weir
ID 1

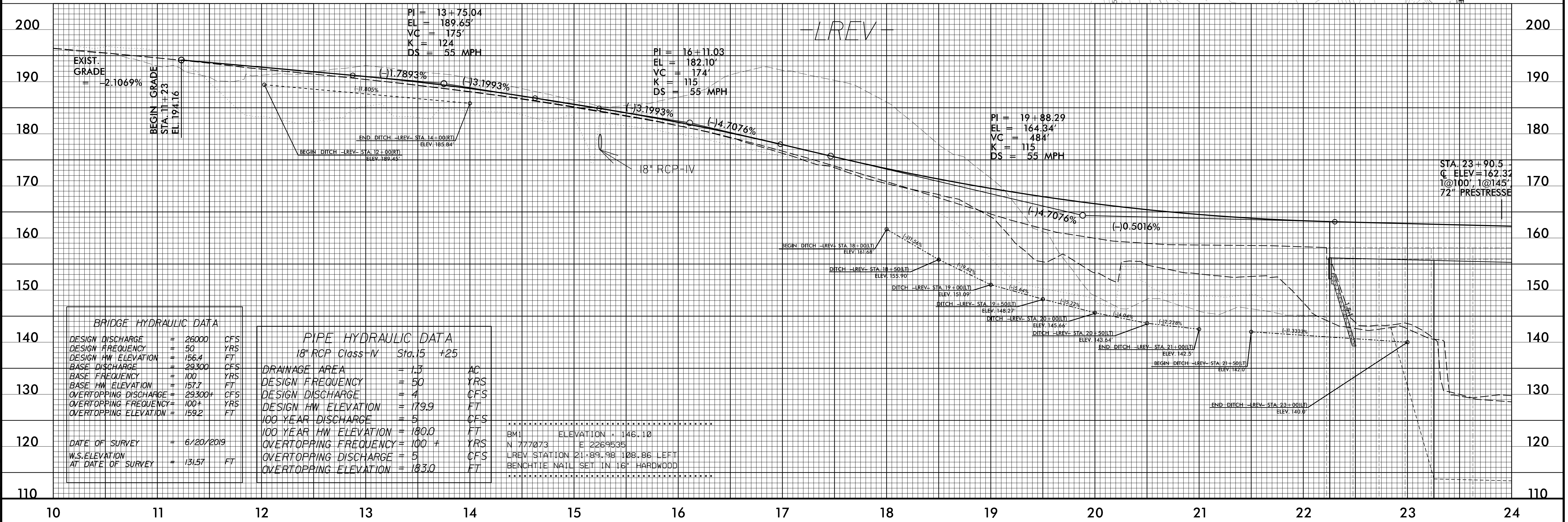


NOTE:
UTILIZE TEMPORARY ACCESS TO REMOVE EXISTING INTERIOR BENTS. NO MORE THAN 50% OF THE CHANNEL MAY BE BLOCKED AT ONE TIME.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 26000	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 156.4	FT
BASE DISCHARGE	= 29300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 157.7	FT
OVERTOPPING DISCHARGE	= 29300+	CFS
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING ELEVATION	= 159.2	FT
DATE OF SURVEY	= 6/20/2019	
W.S. ELEVATION AT DATE OF SURVEY	= 131.57	FT

PIPE HYDRAULIC DATA
18" RCP Class-IV Sta. 15 +25

DRAINAGE AREA	= 1.3	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 4	CFS
DESIGN HW ELEVATION	= 179.9	FT
100 YEAR DISCHARGE	= 5	CFS
100 YEAR HW ELEVATION	= 180.0	FT
OVERTOPPING FREQUENCY	= 100 +	YRS
OVERTOPPING DISCHARGE	= 5	CFS
OVERTOPPING ELEVATION	= 183.0	FT

BMI1 ELEVATION = 146.10
N 777073 E 2269535
LREV STATION 21+89.98 108.86 LEFT
BENCHMARK NAIL SET IN 16" HARDWOOD

REVISIONS

MATCHLINE SHEET 5 -LREV- STA. 24+00.00