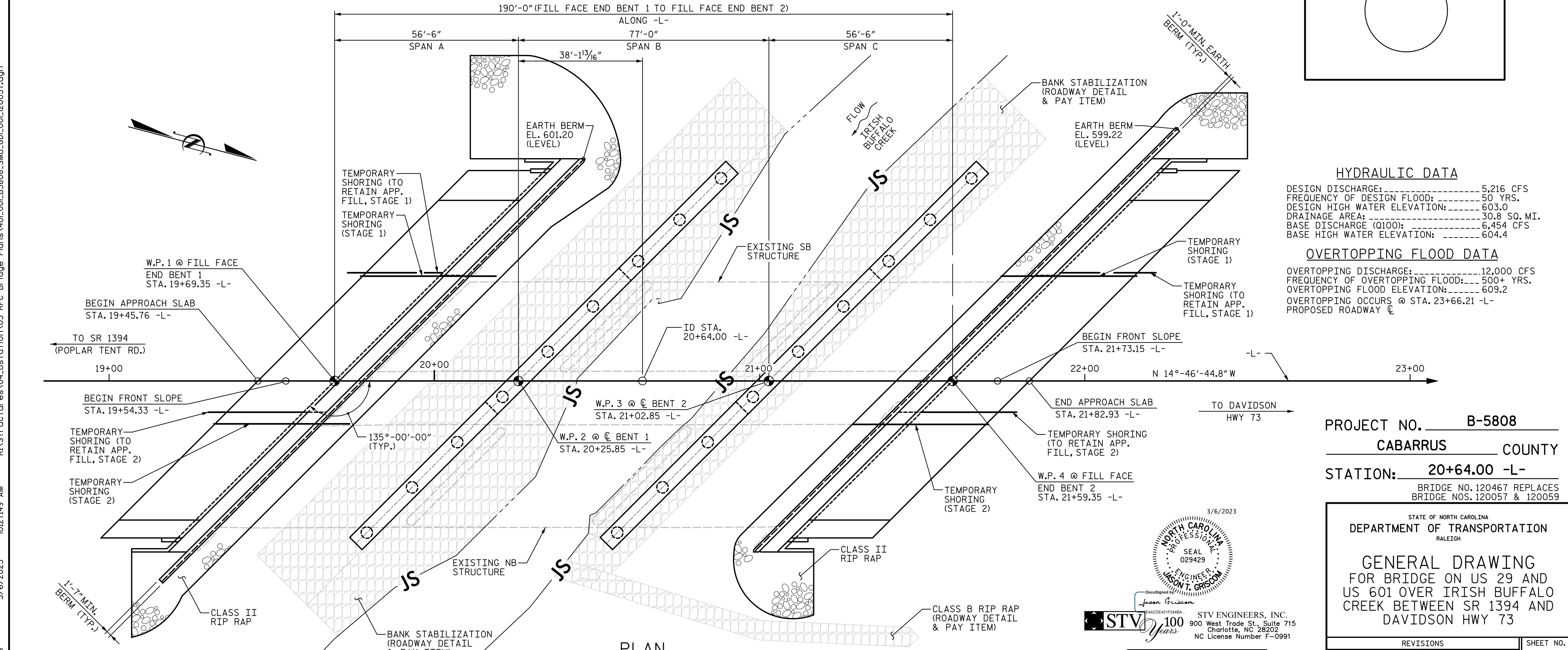


I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



**HYDRAULIC DATA**

DESIGN DISCHARGE: 5,216 CFS  
 FREQUENCY OF DESIGN FLOOD: 50 YRS.  
 DESIGN HIGH WATER ELEVATION: 603.0  
 DRAINAGE AREA: 30.8 SQ. MI.  
 BASE DISCHARGE (Q100): 6,454 CFS  
 BASE HIGH WATER ELEVATION: 604.4

**OVERTOPPING FLOOD DATA**

OVERTOPPING DISCHARGE: 12,000 CFS  
 FREQUENCY OF OVERTOPPING FLOOD: 500+ YRS.  
 OVERTOPPING FLOOD ELEVATION: 609.2  
 OVERTOPPING OCCURS @ STA. 23+66.21 -L- PROPOSED ROADWAY

ASSEMBLED BY : SGH DATE : 7-21  
 CHECKED BY : MLO DATE : 11-22  
 DESIGN ENGINEER OF RECORD : J. GRISCOM DATE : 3-23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. **B-5808**  
**CABARRUS** COUNTY  
 STATION: **20+64.00 -L-**  
 BRIDGE NO. 120467 REPLACES BRIDGE NOS. 120057 & 120059

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING FOR BRIDGE ON US 29 AND US 601 OVER IRISH BUFFALO CREEK BETWEEN SR 1394 AND DAVIDSON HWY 73**

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

S-1  
 TOTAL SHEETS 65

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 10/27/19 AM  
 3/6/2023