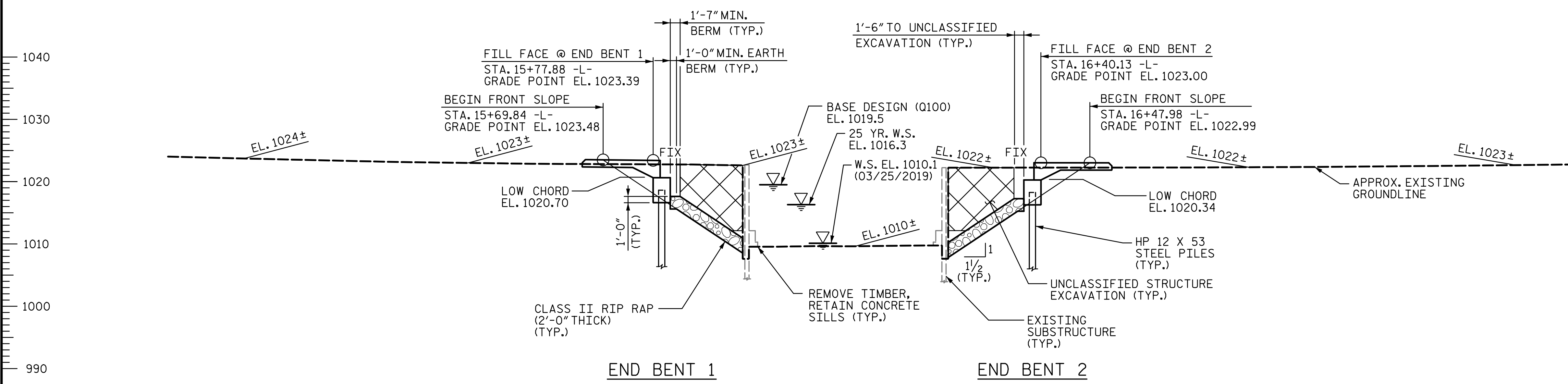


15+00 15+50 16+00 16+50 17+00

SPAN A

VERTICAL CURVE DATA -L-

(-)-3.7107% (+)2.9686%  
PI = 16+27.00  
EL = 1019.00  
VC = 484'



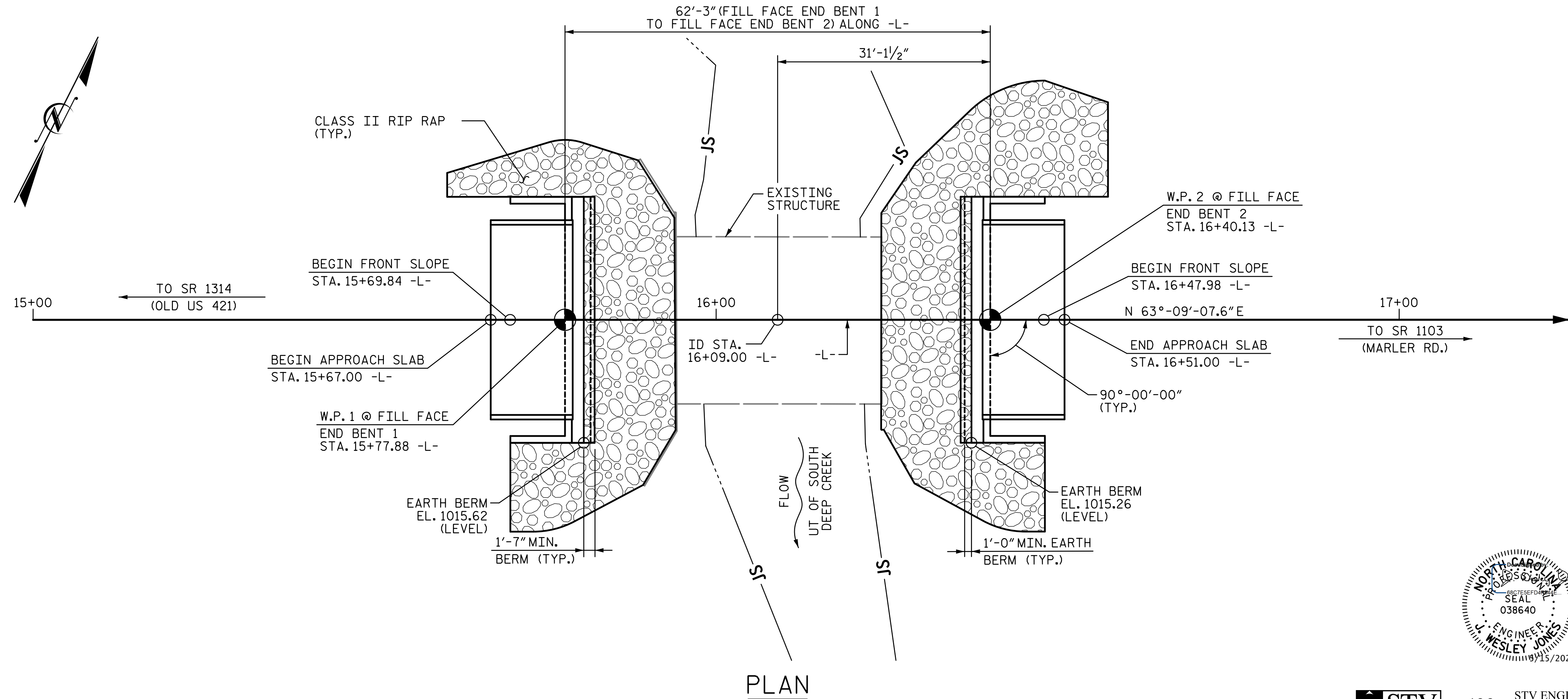
HYDRAULIC DATA

DESIGN DISCHARGE: 1100 CFS  
FREQUENCY OF DESIGN FLOOD: 25 YRS.  
DESIGN HIGH WATER ELEVATION: 1016.3  
DRAINAGE AREA: 1.4 SQ. MI.  
BASE DISCHARGE (Q100): 2100 CFS  
BASE HIGH WATER ELEVATION: 1019.5

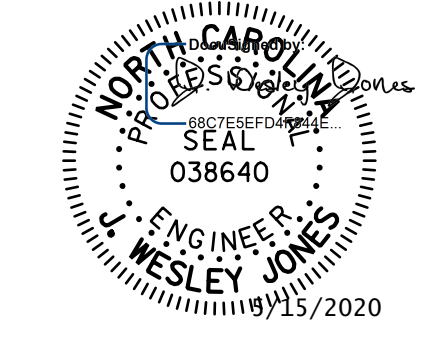
OVERTOPPING DATA

OVERTOPPING DISCHARGE: 6200 CFS  
FREQUENCY OF OVERTOPPING: 500+ YRS.  
OVERTOPPING FLOOD ELEVATION: 1023.0  
OVERTOPS @ STA. 16+53.89 -L-  
PROPOSED ROADWAY ☺

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



PROJECT NO. BR-0127  
YADKIN COUNTY  
STATION: 16+09.00 -L-  
SHEET 1 OF 2 REPLACES BRIDGE NO. 189



STV ENGINEERS, INC.  
900 West Trade St., Suite 715  
Charlotte, NC 28202  
NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
GENERAL DRAWING  
FOR BRIDGE ON SR 1325 (MOUNTAIN VIEW CHURCH RD) OVER UT OF SOUTH DEEP CREEK BETWEEN SR 1314 AND SR 1103

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

S-1  
TOTAL SHEETS 13

DRAWN BY : LAH DATE : 9-19  
CHECKED BY : JWJ DATE : 1-20  
DESIGN ENGINEER OF RECORD : JWJ DATE : 4-20

R:\Structures\ustation\Finals\40L\00L\BR-0127\_SMU\_GDL\_001\_980189.dgn  
4:00:35 PM  
4/14/2020