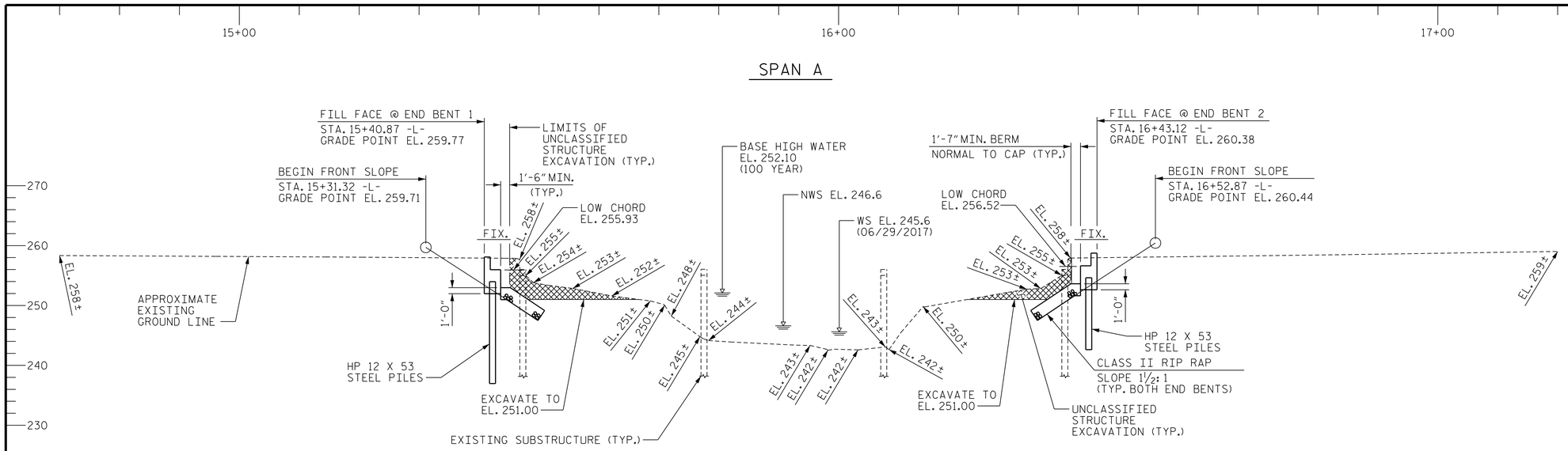


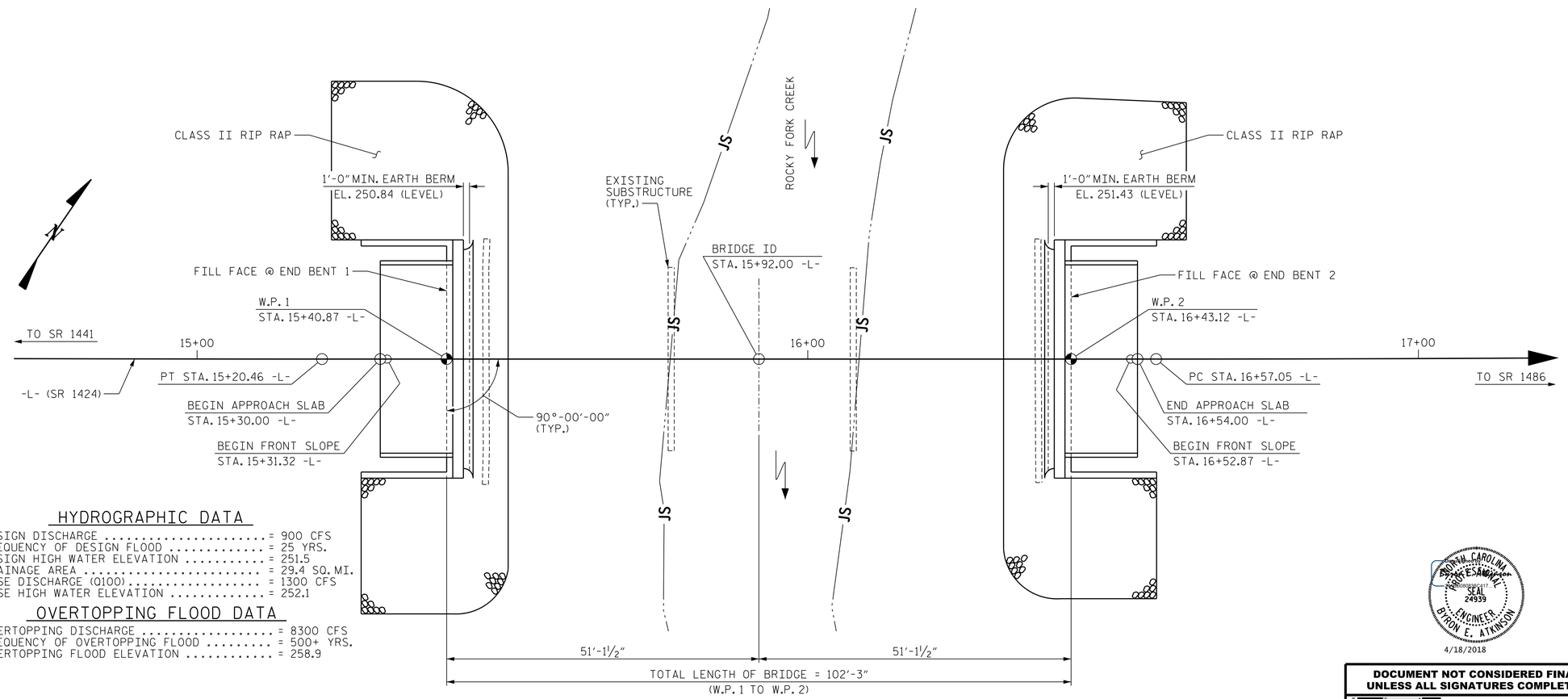
+0.6000% △ +6.5310%

PVI = 18+60.00 -L-
EL. = 261.68
V.C. = 290.00 FT.

GRADE DATA -L-

SECTION ALONG -L-

(SECTION TAKEN AT RIGHT ANGLES TO END BENTS)



PLAN

(PILES NOT SHOWN FOR CLARITY)

HYDROGRAPHIC DATA

DESIGN DISCHARGE ..... = 900 CFS
FREQUENCY OF DESIGN FLOOD ..... = 25 YRS.
DESIGN HIGH WATER ELEVATION ..... = 251.5
DRAINAGE AREA ..... = 29.4 SQ. MI.
BASE DISCHARGE (Q100)..... = 1300 CFS
BASE HIGH WATER ELEVATION ..... = 252.1

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE ..... = 8300 CFS
FREQUENCY OF OVERTOPPING FLOOD ..... = 500+ YRS.
OVERTOPPING FLOOD ELEVATION ..... = 258.9

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

PROJECT NO. 17BP.8.R.123
RICHMOND COUNTY
STATION: 15+92.00 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 64

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON SR 1424
OVER ROCKY FORK CREEK
BETWEEN SR 1441 AND SR 1486

NORTH CAROLINA PROFESSIONAL SEAL 24939 ENGINEER BYRON E. ATKINSON
4/18/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

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

SHEET NO. S-1
TOTAL SHEETS 15

DRAWN BY :	B.E. LANNING	DATE :	01/18
CHECKED BY :	B.E. ATKINSON	DATE :	02/18
DESIGN ENGINEER OF RECORD :	B.E. ATKINSON	DATE :	02/18

4/18/2018
11:00:53 AM
User: blanning
Filename: P:\NC Bridges\MI6006_CH Eng.Div.8 Br.Repl.15 Bridges\MI6006.03_Richmond 64\17BP8R123\Structures\401_001_17BP8R123_SMU_GD1.dgn