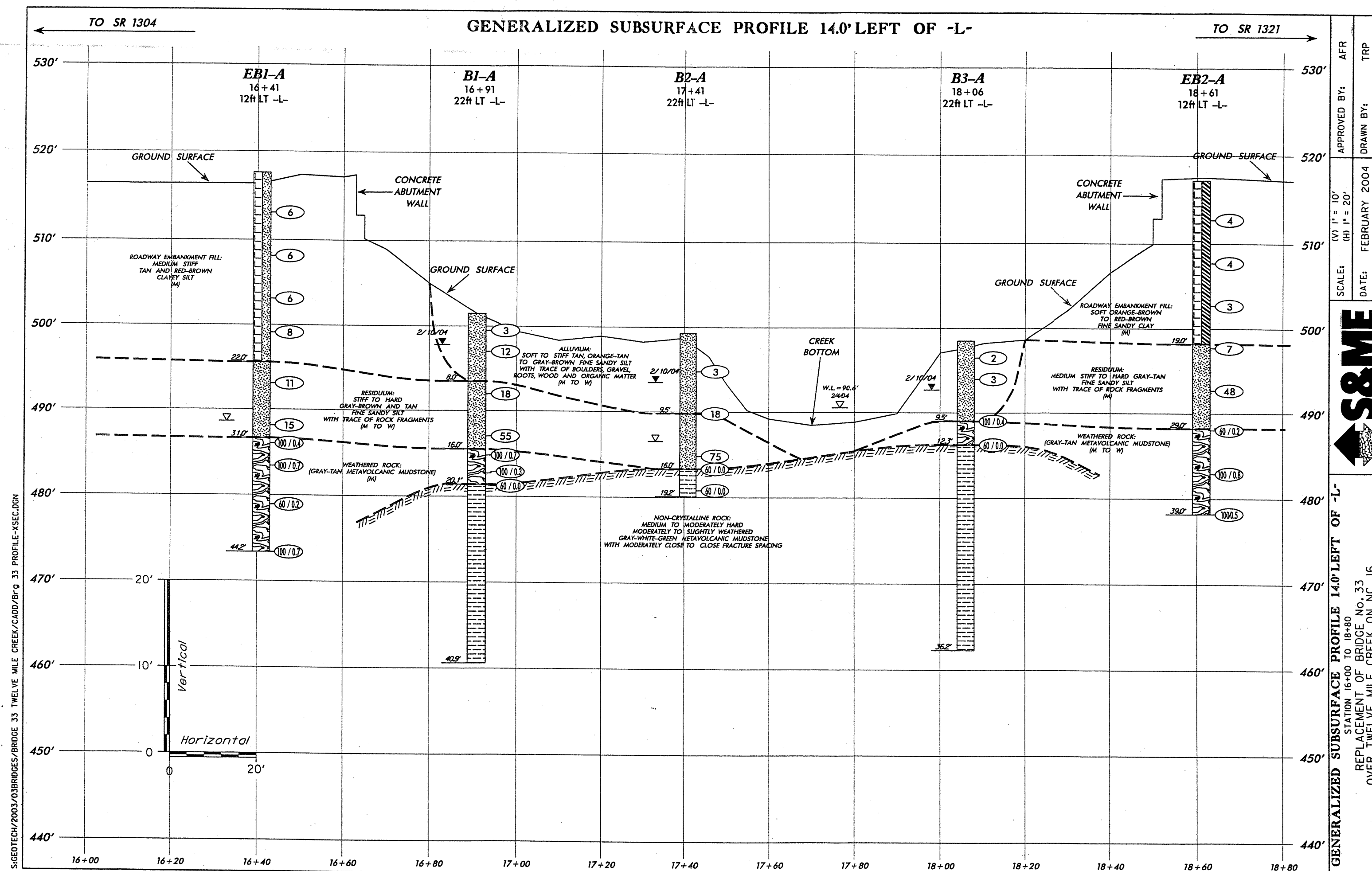


C201406
UNION CO.

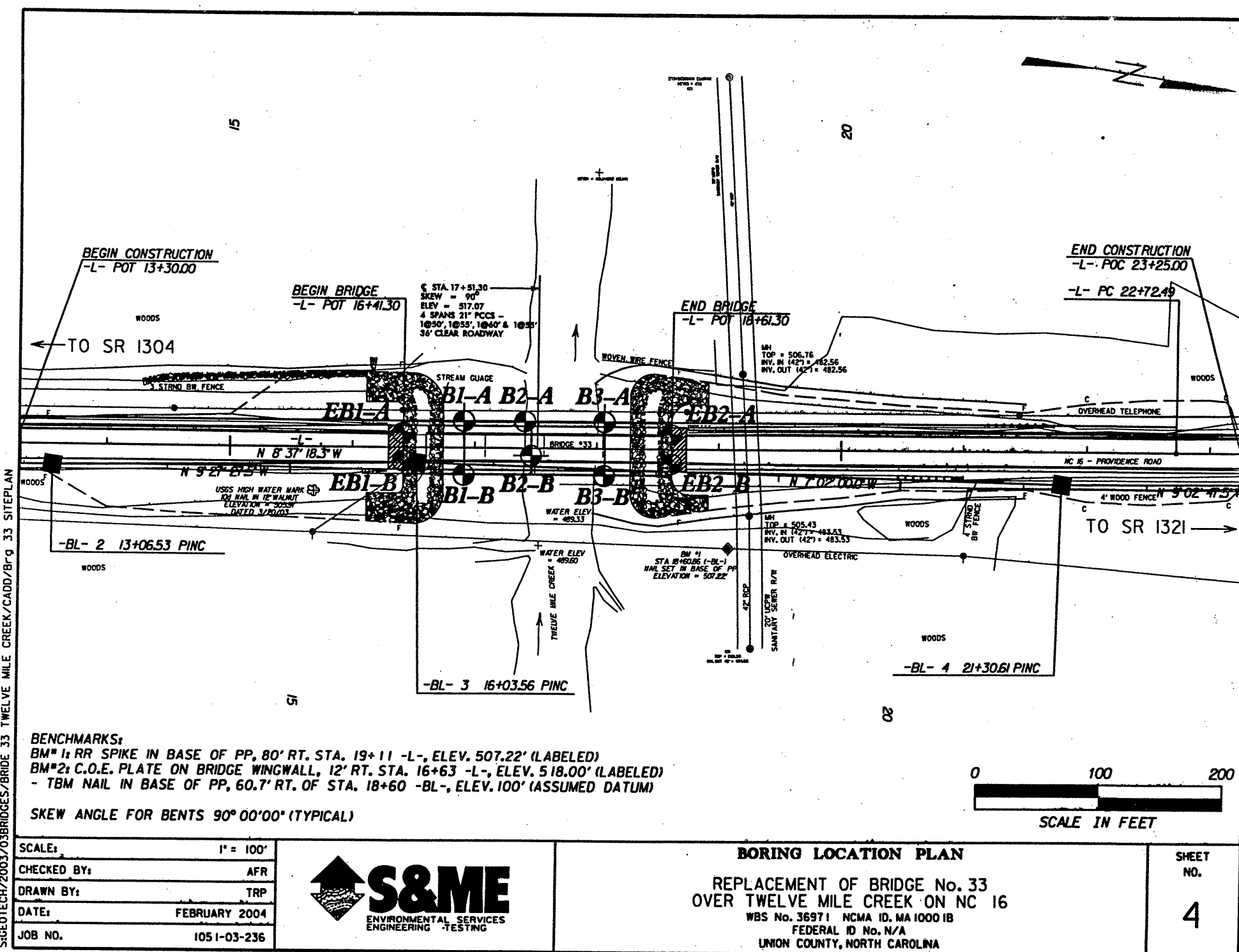
GEOTECHNICAL

The following Geotechnical Boring Logs are for information only and are not a part of this contract. These boring logs are for investigation only and no accuracy is implied or guaranteed. No claim will be allowed as a result of the use of this information.

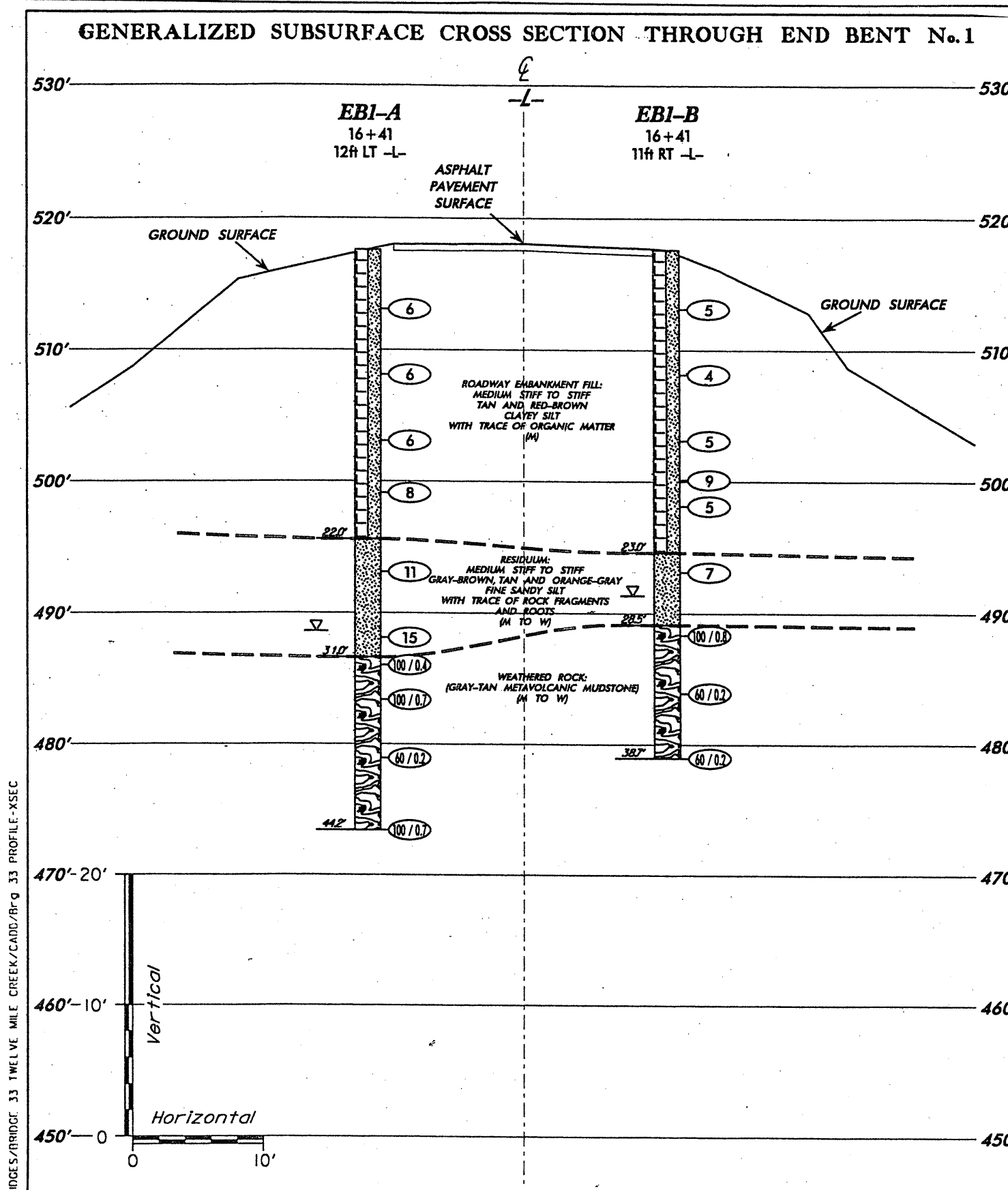
PROJECT REFERENCE No.	SHEET No.
	SUB-1



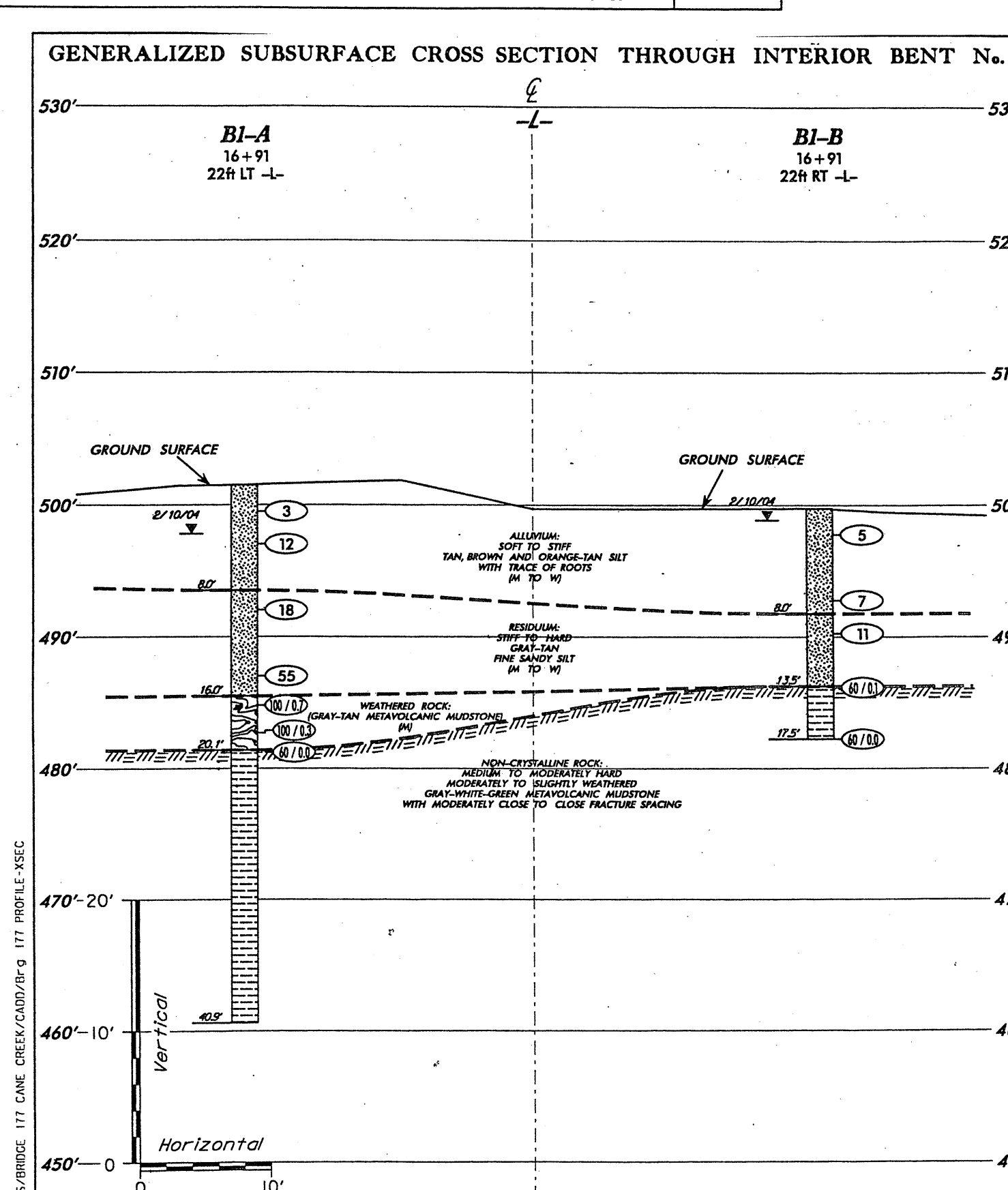
APPROVED BY: AFR
DRAWN BY: TRP
DATE: FEBRUARY 2004
JOB NO. 105-1-03-236
FIGURE 5
SCALE: (V) 1" = 10'
(H) 1" = 20'
S&ME ENVIRONMENTAL SERVICES ENGINEERING TESTING
GENERALIZED SUBSURFACE PROFILE 14.0' LEFT OF -L-
STATION 16+00 TO 18+80
REPLACEMENT OF BRIDGE No. 33 OVER TWELVE MILE CREEK ON NC 16
WBS No. 36971 NEMA ID. MA 10001B FEDERAL ID. N/A UNION COUNTY, NORTH CAROLINA



SCALE: 1" = 100'
CHECKED BY: AFR
DRAWN BY: TRP
DATE: FEBRUARY 2004
JOB NO. 105-1-03-236
S&ME ENVIRONMENTAL SERVICES ENGINEERING TESTING
BORING LOCATION PLAN
REPLACEMENT OF BRIDGE No. 33 OVER TWELVE MILE CREEK ON NC 16
WBS No. 36971 NEMA ID. MA 10001B FEDERAL ID. N/A UNION COUNTY, NORTH CAROLINA
SHEET NO. 4



SCALE: (V) 1" = 10' (H) 1" = 10'
CHECKED BY: AFR
DRAWN BY: TRP
DATE: FEBRUARY 2004
JOB NO. 105-1-03-236
S&ME ENVIRONMENTAL SERVICES ENGINEERING TESTING
GENERALIZED SUBSURFACE CROSS SECTION THROUGH END BENT No. 1
REPLACEMENT OF BRIDGE No. 33 OVER TWELVE MILE CREEK ON NC 16
WBS No. 36971 NEMA ID. MA 10001B FEDERAL ID. N/A UNION COUNTY, NORTH CAROLINA
SHEET NO. 6A



SCALE: (V) 1" = 10' (H) 1" = 10'
CHECKED BY: AFR
DRAWN BY: TRP
DATE: FEBRUARY 2004
JOB NO. 105-1-03-236
S&ME ENVIRONMENTAL SERVICES ENGINEERING TESTING
GENERALIZED SUBSURFACE CROSS SECTION THROUGH INTERIOR BENT No. 1
REPLACEMENT OF BRIDGE No. 33 OVER TWELVE MILE CREEK ON NC 16
WBS No. 36971 NEMA ID. MA 10001B FEDERAL ID. N/A UNION COUNTY, NORTH CAROLINA
SHEET NO. 6B