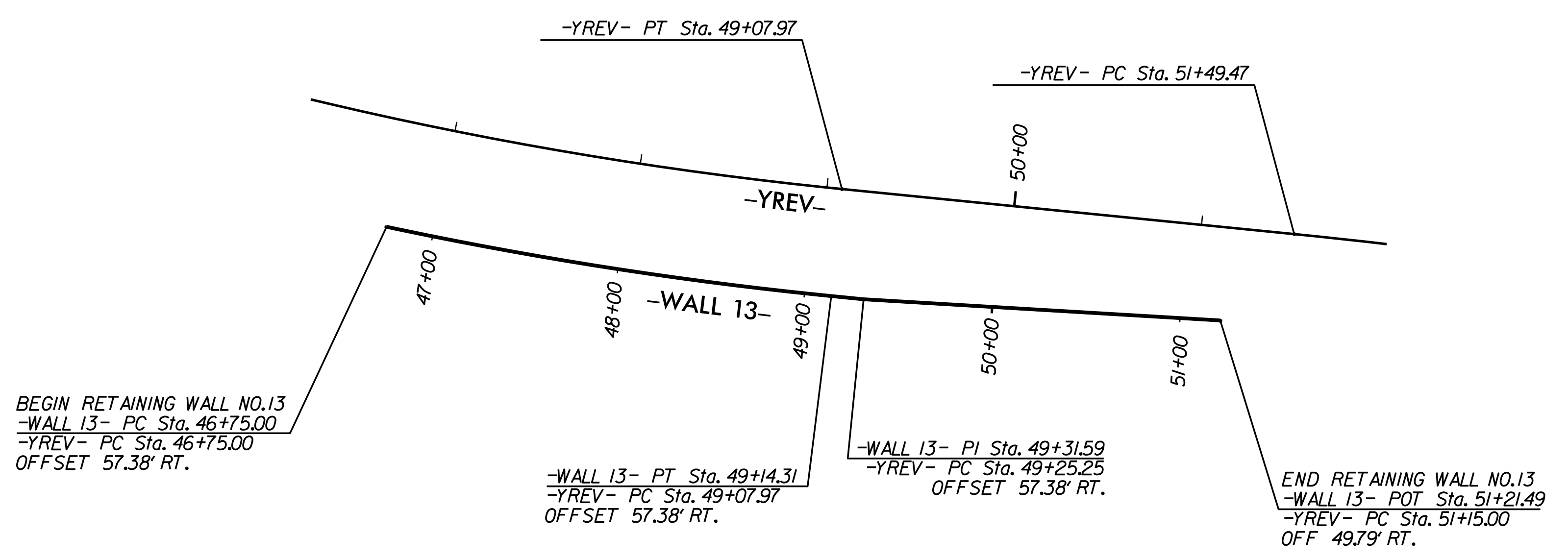


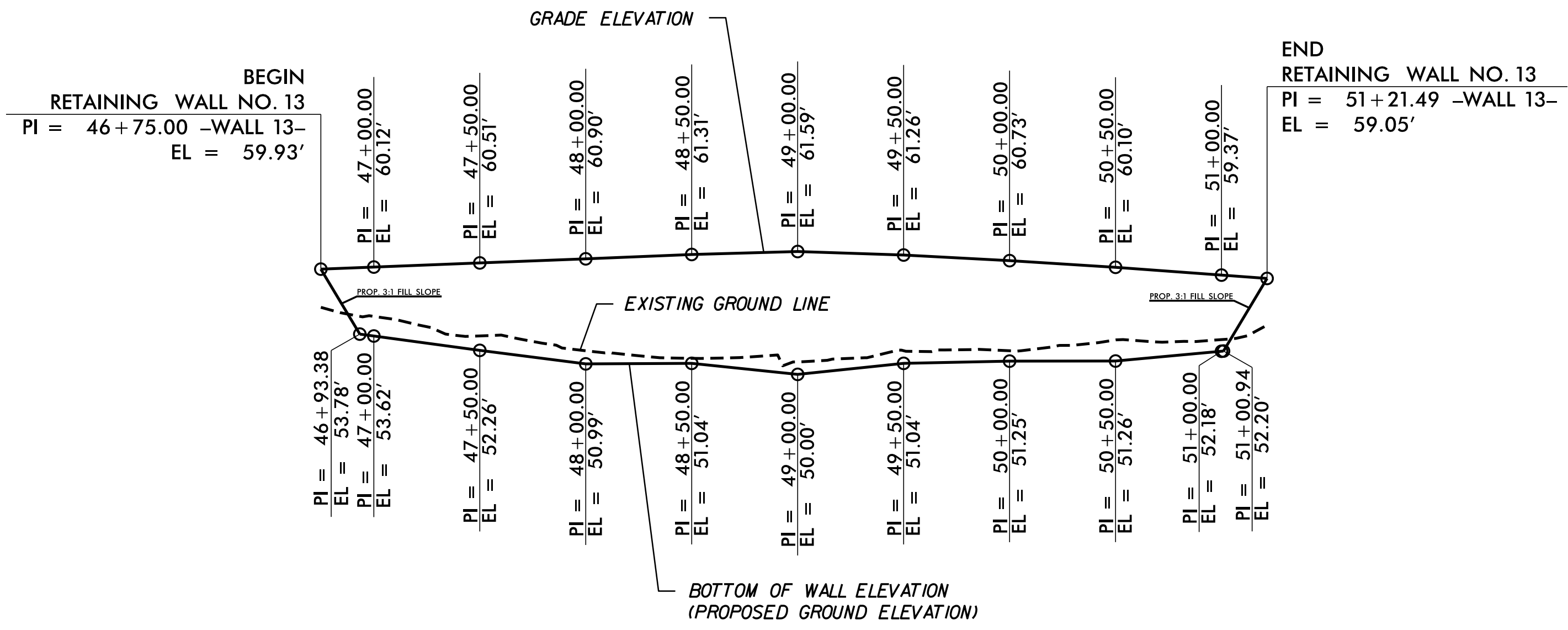
-WALL 13-	-YREV-	-YREV-
PI Sta 47+94.77	PI Sta 44+63.55	PI Sta 54+58.41
$\Delta = 6' 19" 34.3" (LT)$	$\Delta = 24' 31" 00.3" (LT)$	$\Delta = 12' 09" 43.1" (RT)$
$D = 2' 38" 36.8"$	$D = 2' 42" 55.6"$	$D = 1' 58" 32.6"$
$L = 239.31'$	$L = 902.86'$	$L = 615.57'$
$T = 119.77'$	$T = 458.45'$	$T = 308.95'$
$R = 2167.38'$	$R = 2110.00'$	$R = 2900.00'$
	$SE = 4\%$	$SE = 4\%$
	$V = 50MPH$	$V = 50MPH$

NAD 83/NA 2011



RETAINING WALL NO.13 PLAN VIEW  
NOT TO SCALE

ESTIMATED MSE WALL QUANTITY (SQUARE FEET)	
MSE RETAINING WALL NO.13	4,770 SF



RETAINING WALL NO.13 WALL ENVELOPE  
EXPOSED WALL FACE VIEW - NOT TO SCALE  
THE WALL ENVELOPE DOES NOT ACCURATELY DEPICT THE ACTUAL FACE OF THE WALL

GEOTECHNICAL ENGINEER

ENGINEER

THEIN TUN ZAN

SEAL 030943

DocuSigned by: Thein Tun Zan 2/28/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PREPARED BY: THEIN TUN ZAN	DATE: 01-2019
REVIEWED BY: JAMES BATTS	DATE: 01-2019

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

PROJECT NO.: R-5021  
BRUNSWICK COUNTY  
STATION: 47+00 -WALL13- / 47+00 -YREV-  
SHEET 2 OF 5

MSE RETAINING WALL NO. 13 PLAN VIEW & WALL ENVELOPE					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1	-	-	3	-	-
2	-	-	4	-	-

SHEET NO. W-19