

GEOTECHNICAL ENGINEER

ENGINEER

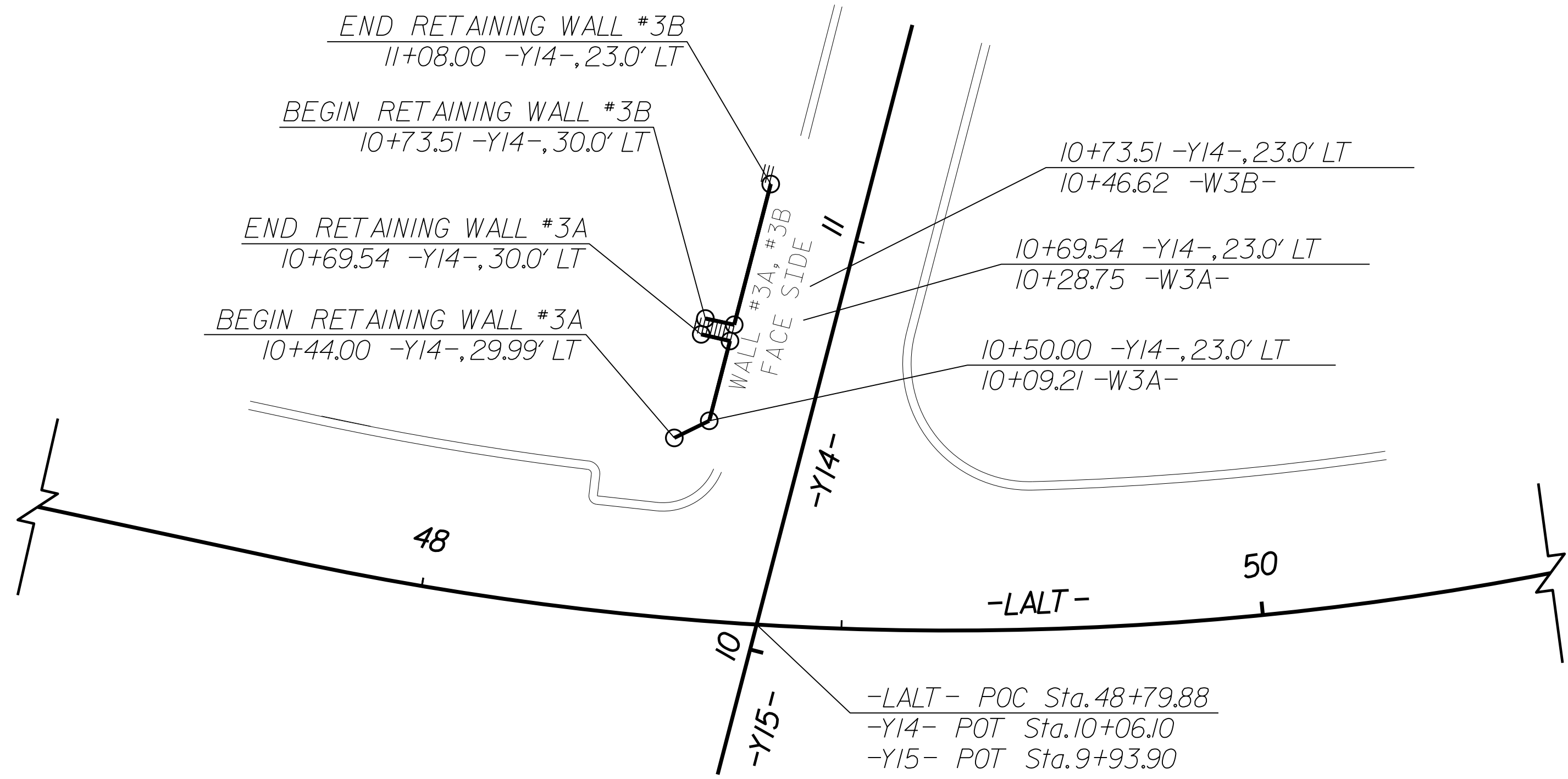
SEAL 032171

4/17/2015

DATE

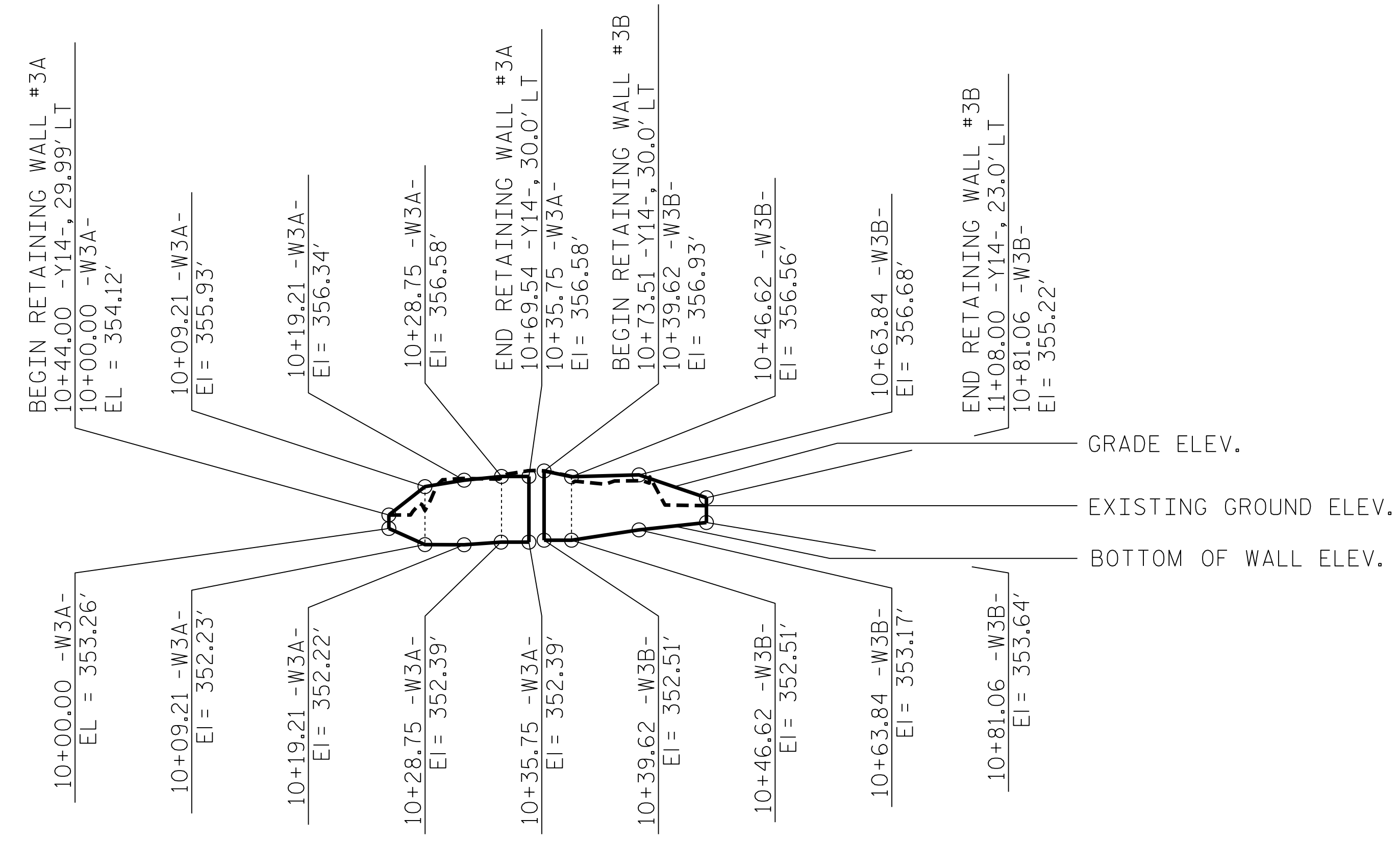
SIGNATURE

DATE



PLAN VIEW FOR RETAINING WALL NO. 3A & 3B
N.T.S.

RETAINING WALL NO.	ESTIMATED CAST-IN-PLACE GRAVITY RETAINING WALL QUANTITIES
3A	175 SF
3B	190 SF



WALL ENVELOPE FOR RETAINING WALL NO. 3A & 3B
EXPOSED WALL FACE VIEW, N.T.S.

CAST-IN-PLACE GRAVITY RETAINING WALL NO. 3A & 3B

-Y14- STA	-W3A- STA	WALL #3A OFFSET	GRADE ELEV., ①	BOTTOM ELEV., ②	① - ②
10+44.00	10+00.00	29.99' LT	354.12'	353.26'	0.86'
10+50.00	10+09.21	23.0' LT	355.93'	352.23'	3.70'
10+60.00	10+19.21	23.0' LT	356.34'	352.22'	4.12'
10+69.54	10+28.75	23.0' LT	356.58'	352.39'	4.19'
10+69.54	10+35.75	30.0' LT	356.58'	352.39'	4.19'
STEPS					
-Y14- STA	-W3B- STA	WALL #3B OFFSET	GRADE ELEV., ①	BOTTOM ELEV., ②	① - ②
10+73.51	10+39.62	30.0' LT	356.93'	352.51'	4.42'
10+73.51	10+46.62	23.0' LT	356.56'	352.51'	4.05'
10+90.73	10+63.84	23.0' LT	356.68'	353.17'	3.51'
11+08.00	10+81.06	23.0' LT	355.22'	353.64'	1.58'

BOTTOM ELEV. - BOTTOM OF WALL ELEVATION

PROJECT NO.: U-3308 (34915.1.1)
DURHAM COUNTY
STATION: 10+50.00 -Y14- / 10+80.00 -Y14-
SHEET 3 OF 8

PREPARED BY: J. PARK DATE: 04 / 2015
REVIEWED BY: J. BATTS DATE: 04 / 2015

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

RETAINING WALL NO. 3A & 3B
PLAN VIEWS AND
WALL ENVELOPES

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

SHEET NO. W-3