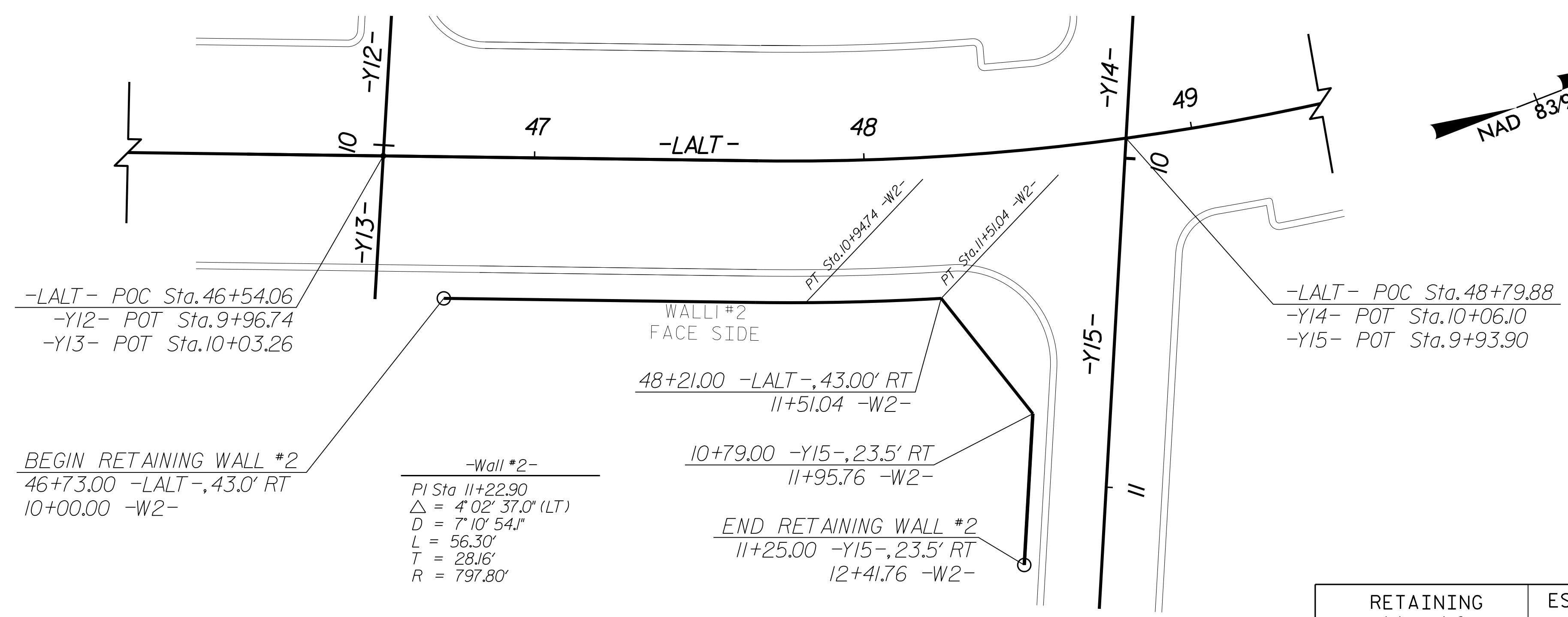


GEOTECHNICAL ENGINEER

ENGINEER

DocuSigned by: *[Signature]* DATE: 4/17/2015



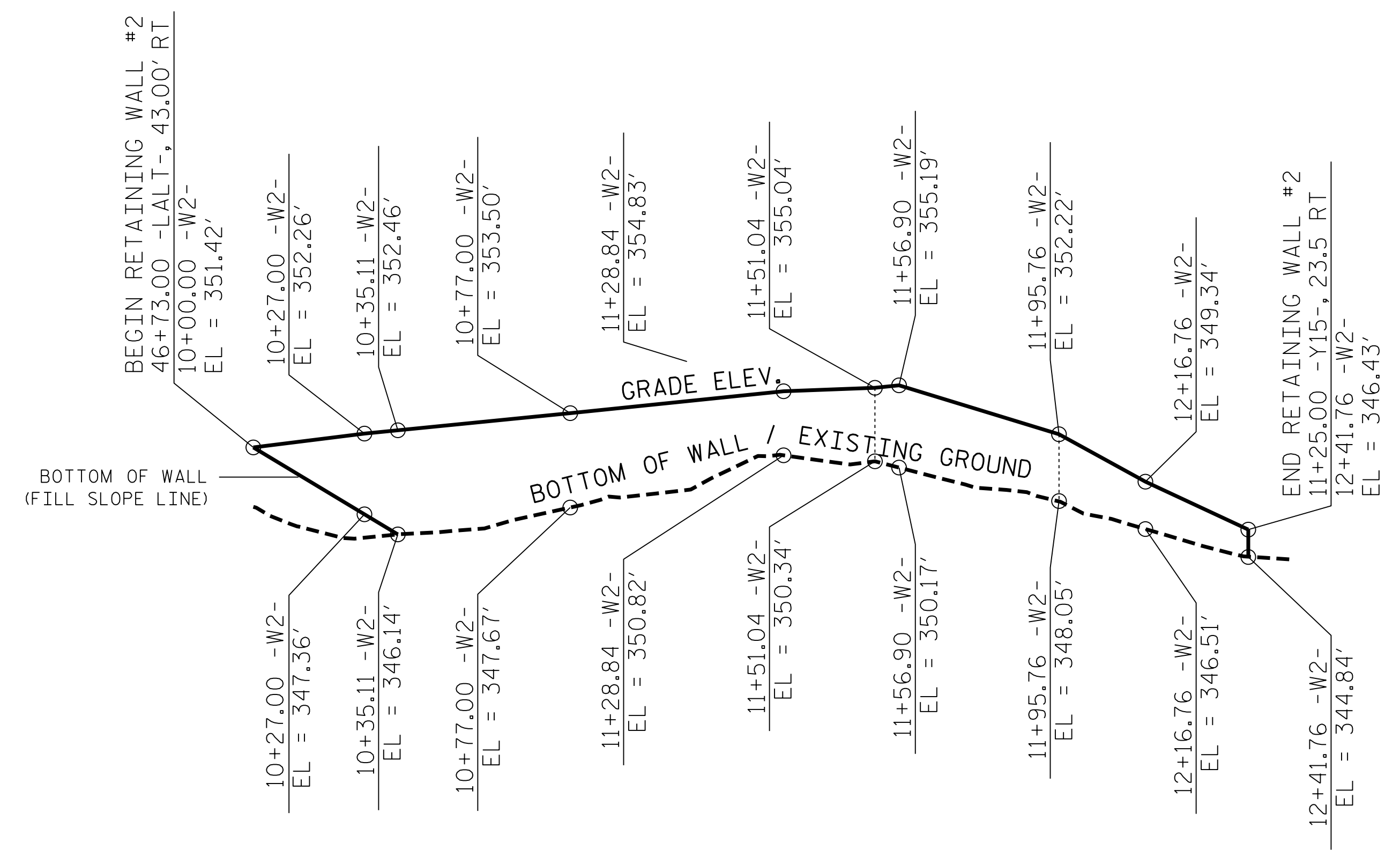
BEGIN RETAINING WALL #2
46+73.00 -LALT-, 43.0' RT
10+00.00 -W2-

-Wall #2-
PI Sta 11+22.90
Δ = 4° 02' 37.0" (LT)
D = 7° 10' 54.1"
L = 56.30'
T = 28.16'
R = 797.80'

-LALT- POC Sta. 48+79.88
-Y14- POT Sta. 10+06.10
-Y15- POT Sta. 9+93.90

PLAN VIEW FOR RETAINING WALL NO. 2
N.T.S.

RETAINING WALL NO.	ESTIMATED CAST-IN-PLACE GRAVITY RETAINING WALL QUANTITIES
2	1,375 SF



WALL ENVELOPE FOR RETAINING WALL NO. 2
EXPOSED WALL FACE VIEW, N.T.S.
THE WALL ENVELOPE DOES NOT ACCURATELY DEPICT THE ACTUAL FACE OF THE WALL

CAST-IN-PLACE GRAVITY RETAINING WALL NO. 2

-LALT- STA	-W2- STA	WALL #2 OFFSET	GRADE ELEV., ①	BOTTOM ELEV., ②	① - ②
46+73.00	10+00.00	43.0' RT	351.42'	351.42'	0.00'
47+00.00	10+27.00	43.0' RT	352.26'	347.36'	4.90'
47+08.11	10+35.11	43.0' RT	352.46'	346.14'	6.32'
47+50.00	10+77.00	43.0' RT	353.50'	347.67'	5.83'
48+00.00	11+28.84	43.0' RT	354.83'	350.82'	4.01'
48+21.00	11+51.04	43.0' RT	355.04'	350.34'	4.70'

-Y15- STA	-W2- STA	WALL #2 OFFSET	GRADE ELEV., ①	BOTTOM ELEV., ②	① - ②
10+50.00	11+56.90	49.36' RT	355.19'	350.17'	5.02'
10+79.00	11+95.76	23.5' RT	352.22'	348.05'	4.17'
11+00.00	12+16.76	23.5' RT	349.34'	346.51'	2.83'
11+25.00	12+41.76	23.5' RT	346.43'	344.84'	1.59'

BOTTOM ELEV. - BOTTOM OF WALL ELEVATION

PROJECT NO.: U-3308 (34915.1.1)
DURHAM COUNTY
STATION: 46+80.00 -LALT-
SHEET 2 OF 8

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL
ENGINEERING UNIT

RETAINING WALL NO. 2
PLAN VIEW AND
WALL ENVELOPE

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

SHEET NO. W-2

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