
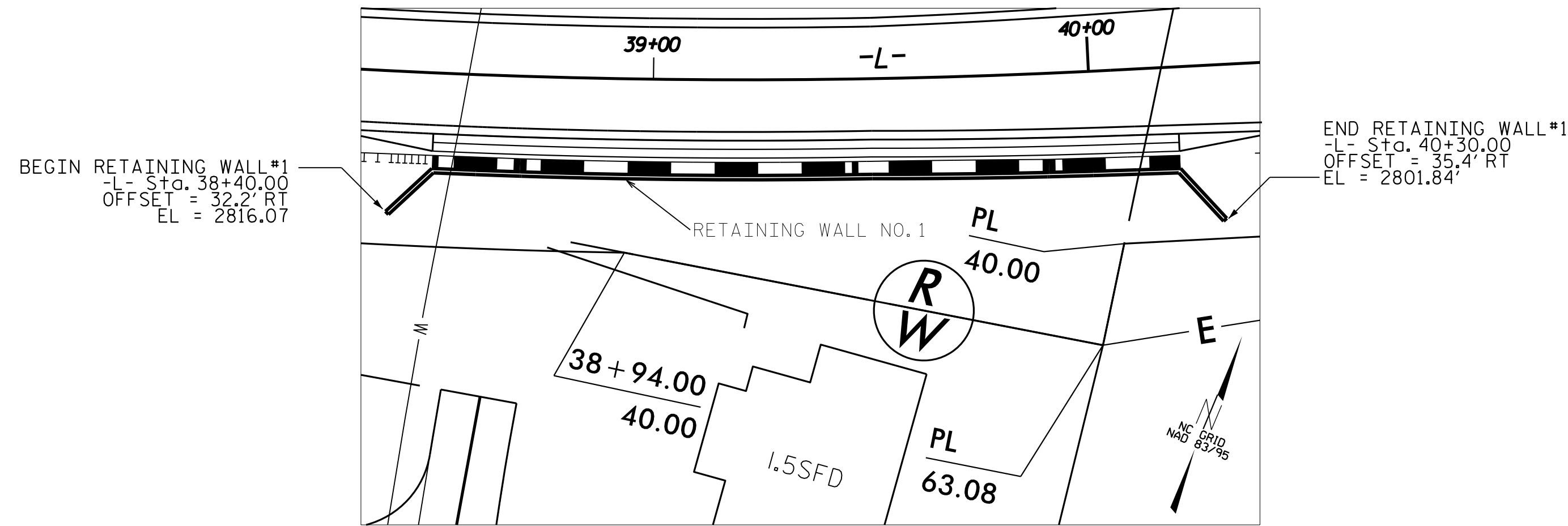


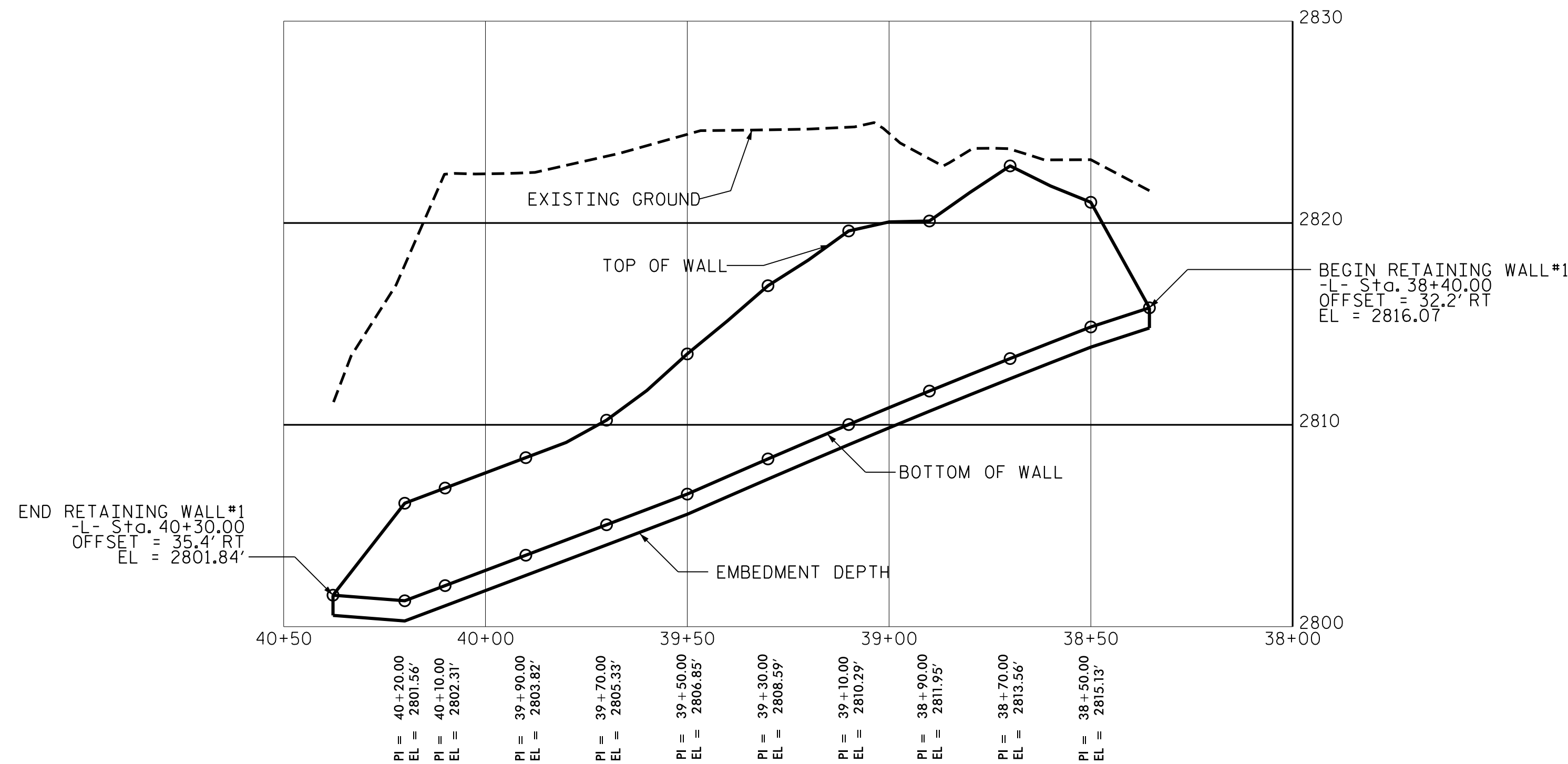
<b>PROJECT REFERENCE NO.</b> 34605.1.2(R-4060)	<b>SHEET NO.</b> W-1
GEOTECHNICAL ENGINEER  Michael Stephens 7/5/2016	ENGINEER
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



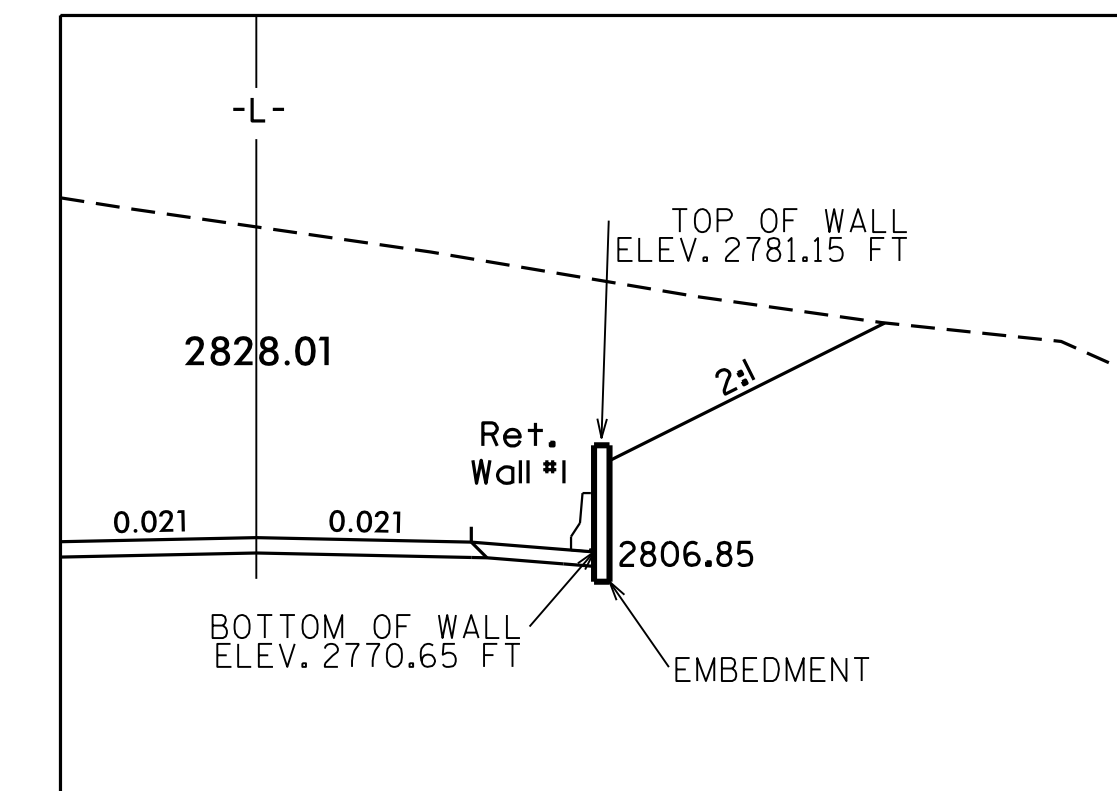
**WALL NO. 1 PLAN VIEW**

ESTIMATED SOIL NAIL WALL QUANTITIES			
RETAINING WALL NO.	SOIL NAIL RETAINING WALLS (SQUARE FEET)	SOIL NAIL VERIFICATION TESTS	SOIL NAIL PROOF TESTS
1	1,510	2	6
2	4,305	2	15
4	3,550	2	11
<b>TOTAL QUANTITIES</b>	<b>9,365 SF</b>	<b>6</b>	<b>32</b>

PI = 40+20.00, (23.4' RT) EL = 2806.59	PI = 40+10.00, (23.2' RT) EL = 2807.14	PI = 39+90.00, (28.2' RT) EL = 2808.65	PI = 39+70.00, (22.4' RT) EL = 2810.51	PI = 39+50.00, (22.0' RT) EL = 2812.77	PI = 39+30.00, (22.0' RT) EL = 2817.17	PI = 39+10.00, (22.0' RT) EL = 2819.88	PI = 38+90.00, (22.0' RT) EL = 2820.37	PI = 38+70.00, (22.0' RT) EL = 2823.10	PI = 38+50.00, (22.0' RT) EL = 2821.30
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**WALL NO. 1 ENVELOPE**



**RETAINING WALL NO. 1 CROSS SECTION @ STA 39+60 -L- SOIL NAIL WALL**

ESTIMATED WALL NO. 1 QUANTITY	
RETAINING WALL	* 1,510 SQUARE FEET
* WALL AREA IS MEASURED USING THE TOTAL HEIGHT "H"	

PREPARED BY: MHS      DATE: 5/12/16  
 REVIEWED BY: SCC      DATE: 5/12/16



**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

**GEOTECHNICAL ENGINEERING UNIT**

RETAINING WALL NO. 1 SOIL NAIL WALL					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1	MHS	7/5/16	3	-	-
2	-	-	4	-	-