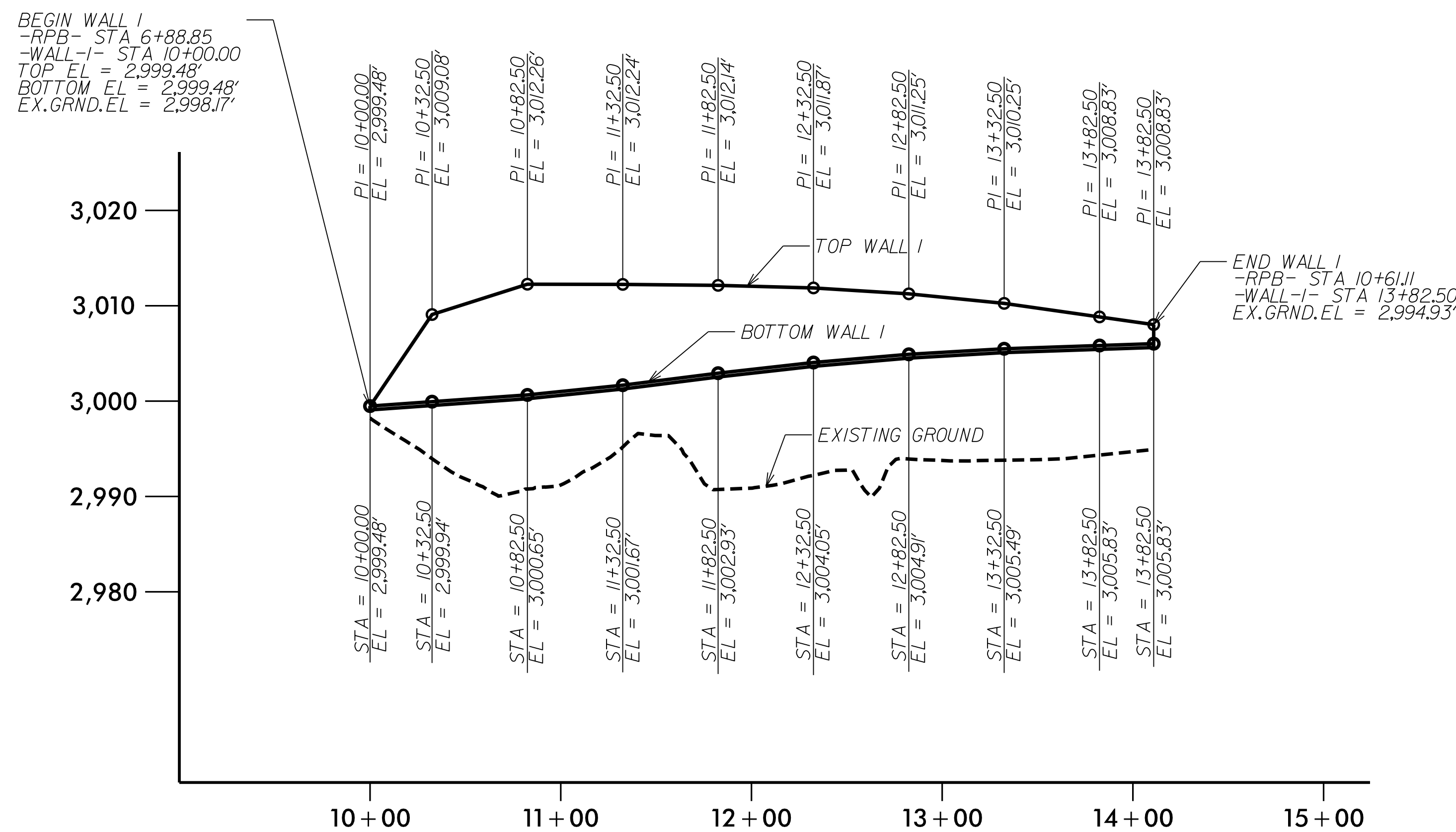


LOCATION SKETCH



WALL ENEVELOPE

ESTIMATED MSE WALL QUANTITY
(SQUARE FEET)

MSE RETAINING WALL NO. 1 4,000 +/- SF

RETAINING WALL ELEVATIONS

-RPB- STA	-WALL- STA	OFFSET FROM C (RIGHT)	ELEV @ TOP OF WALL	* PROPOSED FINISHED GRADE	* EXPOSED / DESIGN WALL HEIGHT	** WALL HEIGHT "H"
6+88.85	10+00.00	20.0	2,999.48	2,999.48	0.00	2.00
7+21.35	10+32.50	20.0	3,009.08	2,999.94	9.14	11.14
7+61.08	10+82.50	20.0	3,012.26	3,000.65	11.61	13.61
8+11.08	11+32.50	20.0	3,012.24	3,001.67	10.57	12.57
8+61.08	11+82.50	20.0	3,012.14	3,002.93	9.21	11.21
9+11.08	12+32.50	20.0	3,011.87	3,004.05	7.82	9.82
9+61.08	12+82.50	20.0	3,011.25	3,004.91	6.34	8.34
10+11.08	13+32.50	20.0	3,010.25	3,005.49	4.76	6.76
10+61.11	13+82.50	20.0	3,008.83	3,005.83	3.00	5.00

* ELEVATION @ PROPOSED FINISHED GRADE AND EXPOSED WALL HEIGHT DO NOT INCLUDE EMBEDMENT DEPTH
 ** FOR DESIGN WALL HEIGHT "H" AND ADDITIONAL CONSTRUCTION DETAILS, SEE SHEETS 2 AND 3 OF 3.



ENGINEER

SIGNATURE DATE

SIGNATURE DATE

PROJECT NO.: R-2915 A
 WATAUGA / ASHE COUNTY
 STATION: -RPB- 6+88.85 TO -RPB- 10+61.11
 SHEET 1 OF 3



NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

GEOTECHNICAL
 ENGINEERING UNIT

MECHANICALLY STABILIZED
 EARTH (MSE) RETAINING
 WALL NO. 1

REVISIONS

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

SHEET NO.

W-1

PREPARED BY: MHS DATE: 7/28/15
 REVIEWED BY: SCC DATE: 7/28/15