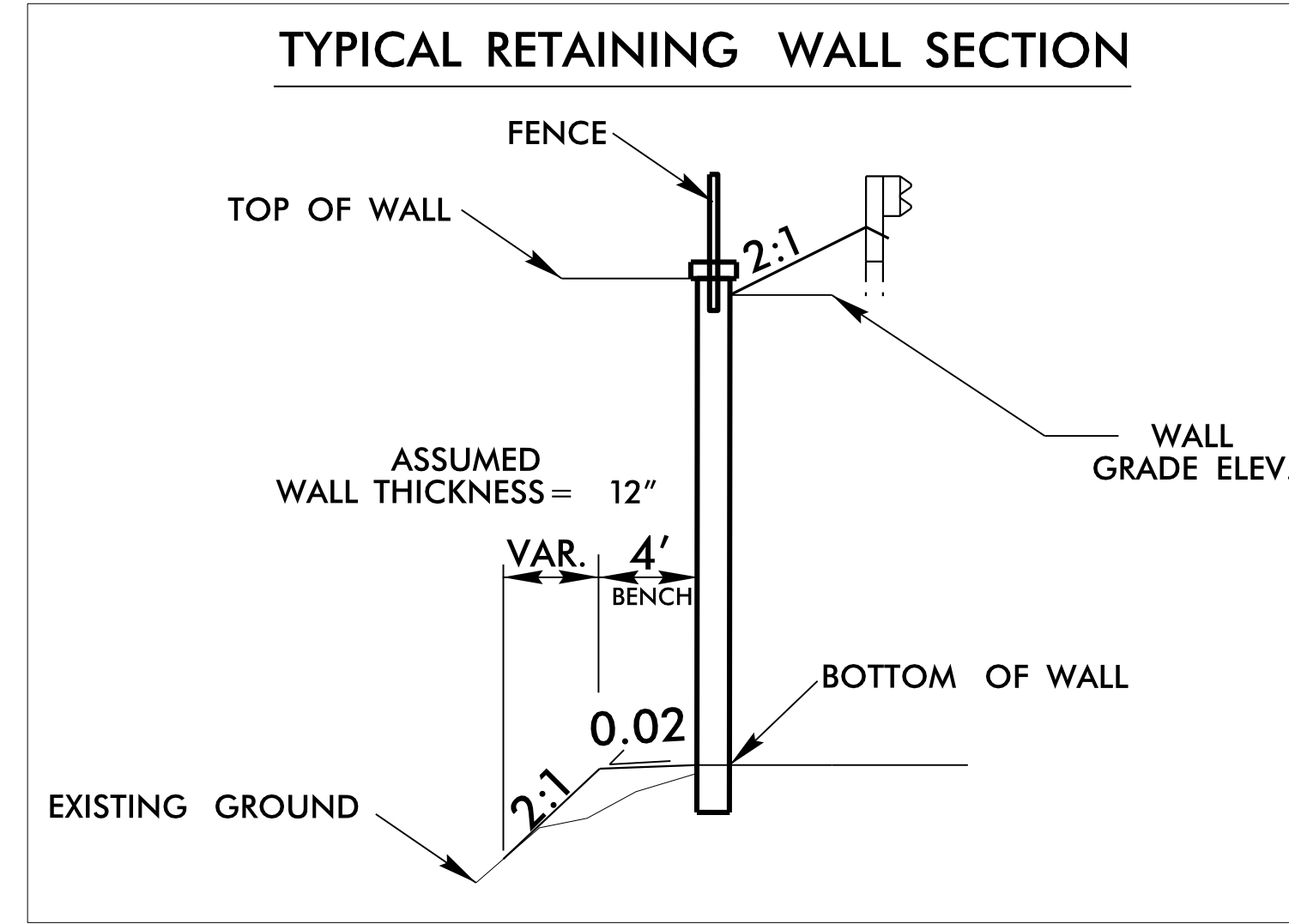


USE DETAIL AS FOLLOWS:
 -L- STA. 321+25.00 TO STA. 322+40.00 LT.

ESTIMATED MSE WALL QUANTITIES (SQUARE FEET)	
MSE RETAINING WALL NO. 1	935 SF
MSE RETAINING WALL NO. 2	14,365 SF
MSE RETAINING WALL NO. 3	4,870 SF

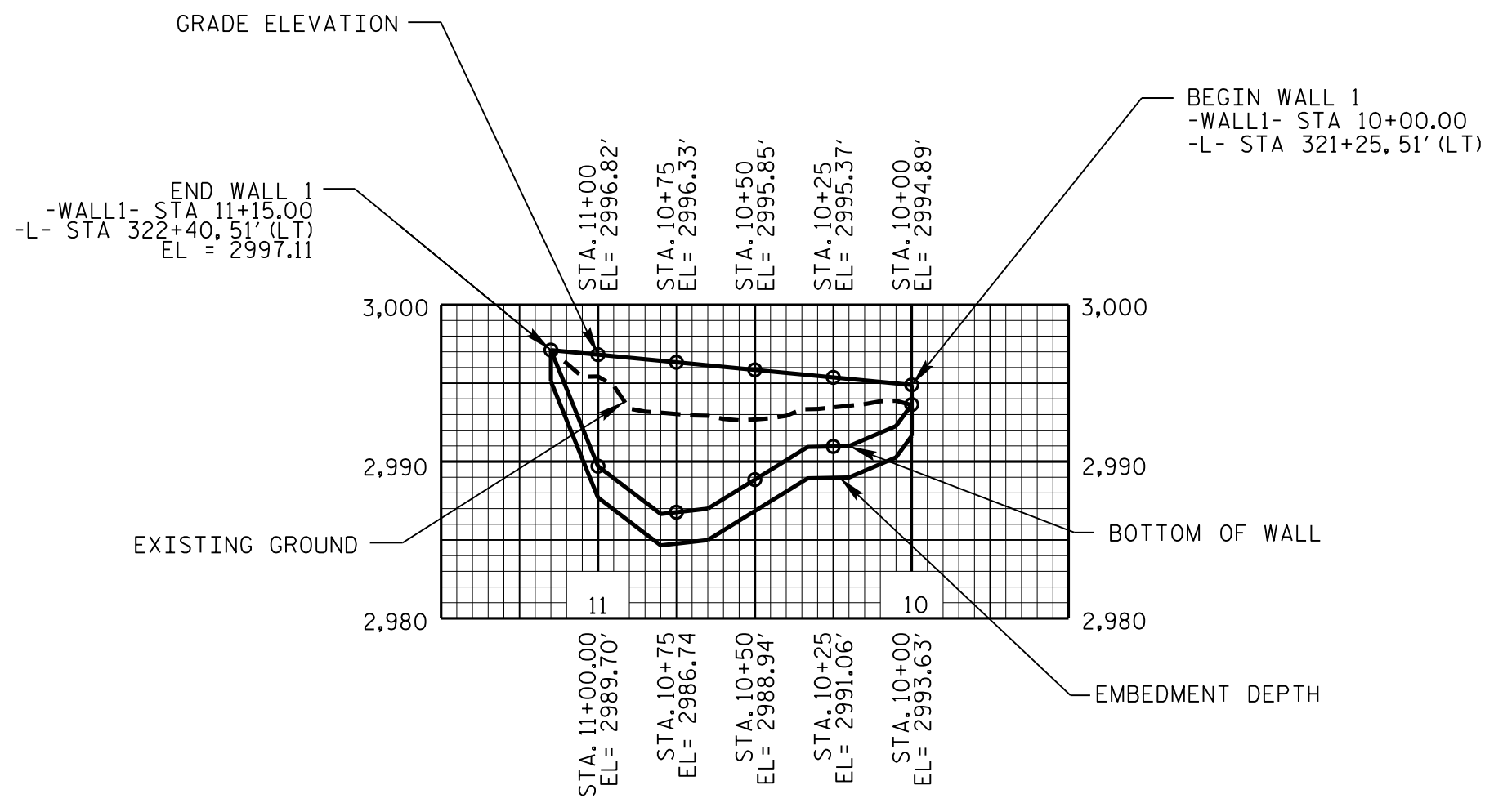
RETAINING WALL 1 -WALL1- ESTIMATED WALL QUANTITY	
RETAINING WALL	* 935 SQUARE FEET

*WALL AREA IS MEASURED USING THE DESIGN HEIGHT "H"

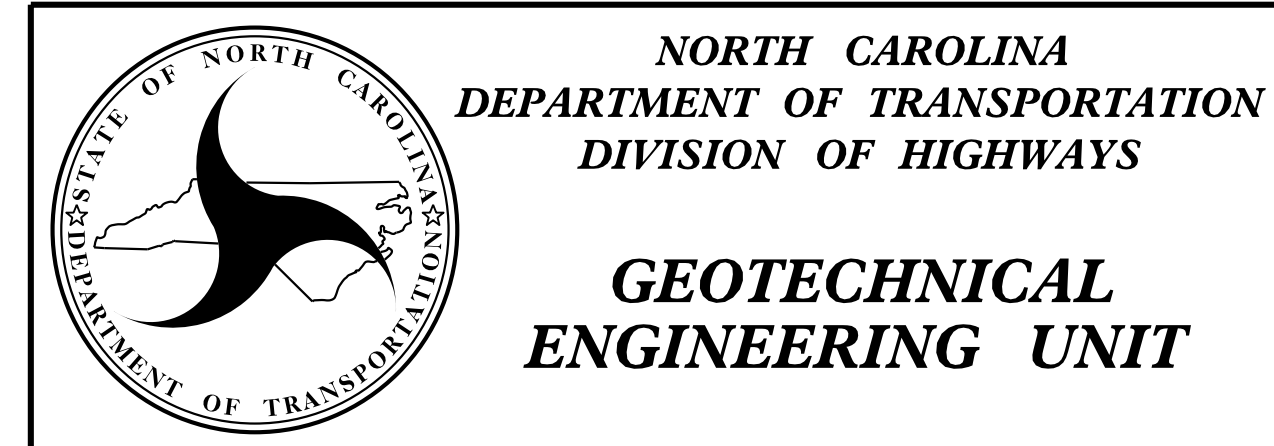


FRONT SLOPE WALL EMBEDMENT		
SLOPE IN FRONT OF STRUCTURES		MINIMUM EMBEDMENT DEPTH
HORIZONTAL	FOR WALLS	H/20
	FOR ABUTMENTS	H/10
3.0H:1.0V	WALLS	H/10
2.5H:1.0V	WALLS	H/8.5
2.0H:1.0V	WALLS	H/7
1.5H:1.0V	WALLS	H/5
1.25H:1.0V	WALLS	H/4
1.0H:1.0V	WALLS	H/3

NOTE:
 1) MAINTAIN A MINIMUM BENCH WIDTH OF 4.0 FT IN FRONT OF THE WALL FOR ITS ENTIRE LENGTH.
 2) MINIMUM EMBEDMENT DEPTH OF 2 FT, UNLESS LARGER DEPTHS DICTATED BY THE ABOVE TABLE.
 3) MAXIMUM SLOPE OF 1H:1V WILL BE MAINTAINED ON FRONT SLOPES FOR THE ENTIRE LENGTH OF THE WALL.
 4) SUBMIT WITH THE WALL DESIGN INTERNAL, EXTERNAL, AND GLOBAL STABILITY ANALYSES.



PROJECT NO.: 34518.1.4 (R-2915C)
 ASHE COUNTY
 STATION: STA 321+25 TO 322+40 -L- LT 51 FT
 SHEET 1 OF 3



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