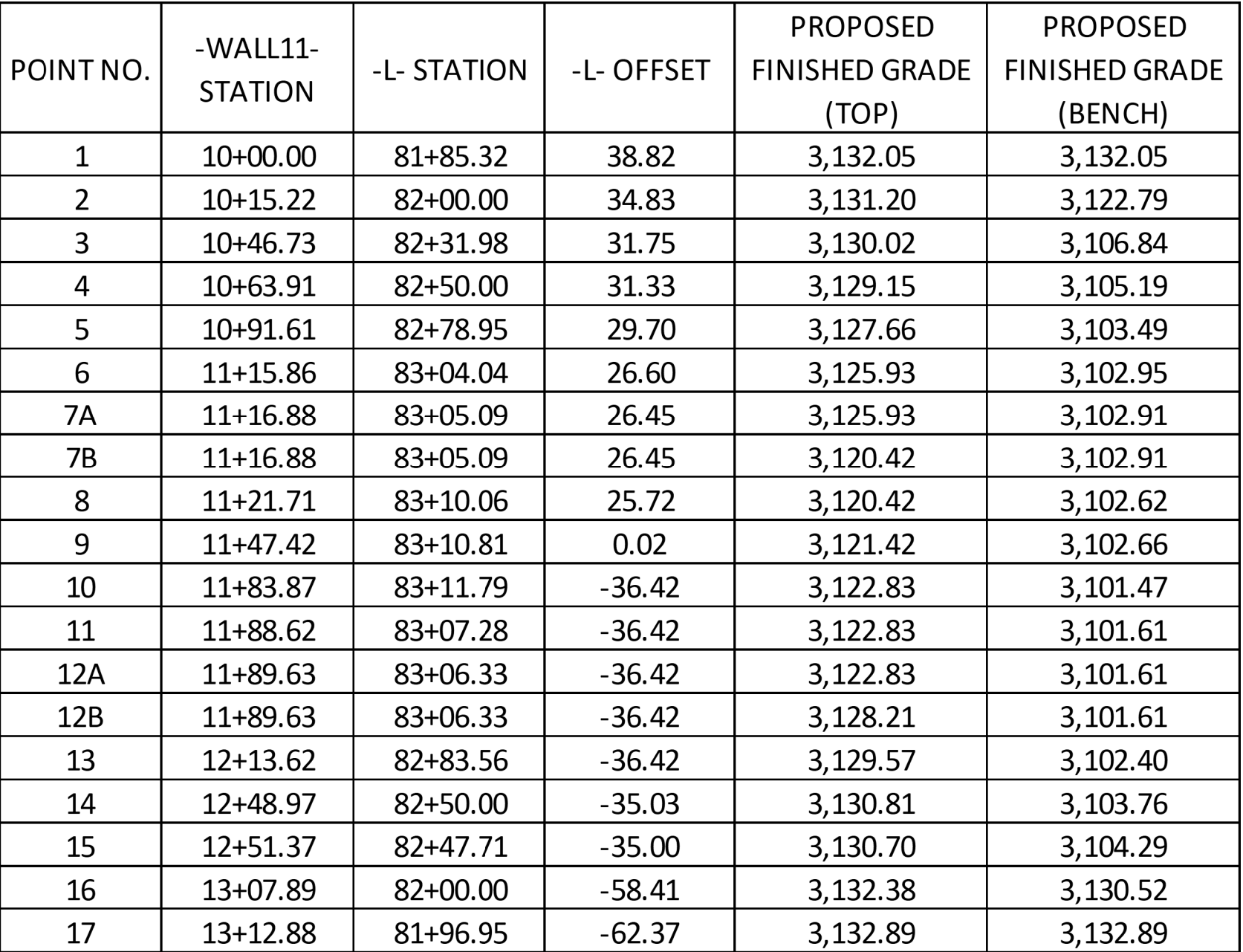


GEOTECHNICAL ENGINEER DocuSign®ed by: <i>Thomas J. Daily</i> F29C6A6B8B3F449F...	ENGINEER SIGNATURE DATE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



ESTIMATED MSE WALL QUANTITIES		
RETAINING WALL NO.	MSE RETAINING WALLS (SF)	WEATHER CUT ASHLAR FORM LINER FINISH (SF)*
11	6,108	6,108

*THE WEATHER CUT ASHLAR FORM LINER FINISH IS INCIDENTAL AND SHOULD BE INCLUDED IN THE COST OF THE WALL.

ELEV. (FT)

3,130

3,120

3,110

3,100

STATION (FT)

10+00

11+00

12+00

13+00

END RETAINING WALL
 -WALL#- STA.13+12.88-
 L- STA.81+96.95 (62.37' LT)

BEGIN RETAINING WALL
 -WALL#- STA.10+00.00-
 L- STA.81+85.32 (38.32' RT)

PROPOSED GRADE (TOP)

PROPOSED GRADE (BENCH)

EXISTING GROUND

BEND LINE

BEND LINE

1 2 3 4 5 6 7A 12B 13 14 15 16 17

2 7B 8 9 10 11 12A

3 4 5 6 7 8 9 10 11 12 13 14 15

TYPICAL SECTIONS

The diagrams illustrate two typical cross-sections of a proposed retaining wall system. The left section shows a 20' wide multi-use path with a 1' wall face, 4' single-faced barrier, 10' path, and 3' protective crash barrier. The right section shows a 11.25' wide section with a 3' wall face, 1' single-faced barrier, and 0.02' protective crash barrier. Both diagrams show the proposed finished grade (top of wall and bench) and the original ground line.

Left Section Details:

- 20' MULTI-USE PATH
- 1' WALL FACE
- 4' SINGLE FACED BARRIER
- 10' MULTI-USE PATH
- 3' PROTECTIVE CRASH BARRIER WALL
- PROPOSED 5' CHAIN LINK FENCE MOUNTED TO TOP OF WALL
- PROPOSED RETAINING WALL
- WALL FACE
- 0.02' PROTECTIVE CRASH BARRIER WALL
- PROPOSED FINISHED GRADE (TOP OF WALL)
- BACK OF WALL
- PROPOSED FINISHED GRADE (BENCH)
- ORIGINAL GROUND

Right Section Details:

- 11.25' WALL FACE
- 3' SINGLE FACED BARRIER
- 1' PROTECTIVE CRASH BARRIER WALL
- 0.02' PROTECTIVE CRASH BARRIER WALL
- PROPOSED 5' CHAIN LINK FENCE MOUNTED TO TOP OF WALL
- PROPOSED RETAINING WALL
- WALL FACE
- 0.02' PROTECTIVE CRASH BARRIER WALL
- PROPOSED FINISHED GRADE (TOP OF WALL)
- BACK OF WALL
- PROPOSED FINISHED GRADE (BENCH)
- ORIGINAL GROUND

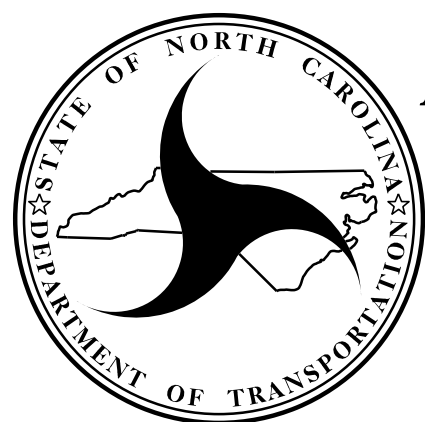
SEE SHEET 2B-6
FOR TYPE AND
LOCATION OF BARRIER

PROJECT NO.: U-5810
WATAGUA COUNTY
STATION: -WALL11- STA. 10+00 TO 13+12.88
SHEET 3 OF 6 WALL ID RW-11

RETAINING WALL NO. 11 PLAN, ENVELOPE, TYPICAL SECTION VIEWS

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

SHEET
NO.
W-19



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

**GEOTECHNICAL
ENGINEERING UNIT**