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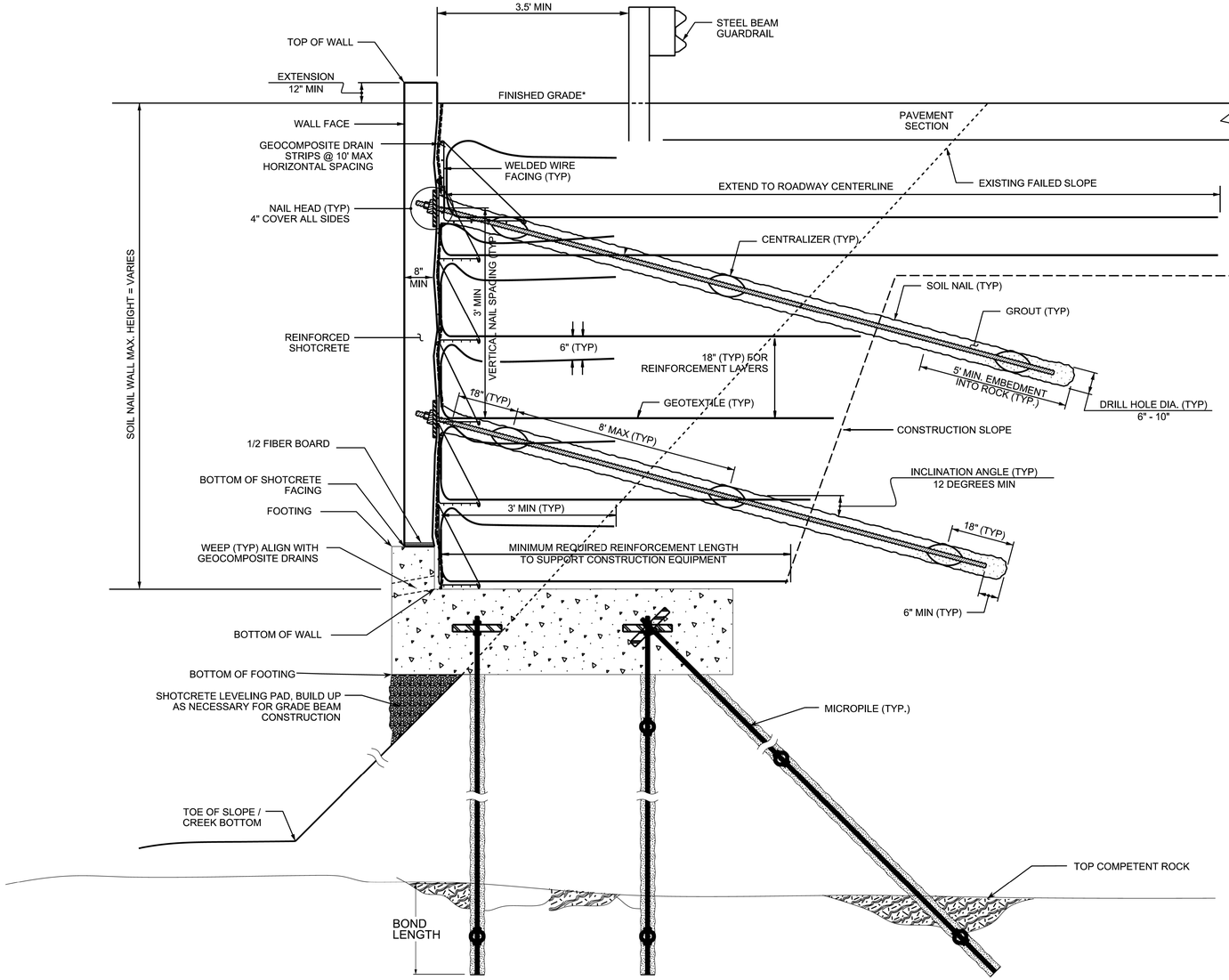

* SEE PLANS FOR FINISHED GRADE

TYPICAL SECTION

TOTAL STRUCTURE QUANTITIES	
SOIL NAIL OF RETAINING WALL	3,040 SQ. FT.
SOIL NAIL VERIFICATION TESTS	1 EA.
SOIL NAIL PROOF TESTS	2 EA.
MICROPILE SLOPE STABILIZATION	117 LIN. FT.
DEMONSTRATION MICROPILES	1 EA.
MICROPILE VERIFICATION TESTS	1 EA.
MICROPILE PROOF TESTS	2 EA.

SEE ROADWAY PLAN W-2 FOR WALL ENVELOPE

PROJECT NO.: DF18314.2045063

COUNTY: HENDERSON

PREPARED BY: C. WANG, P.E.	DATE: 08/25
REVIEWED BY: P. ALTON, P.E.	DATE: 08/25

SINCE 1881

Prepared in the Office of:

FROEHLING & ROBERTSON, INC.

Engineering Stability Since 1881

310 Hubert Street
Raleigh, North Carolina 27603-2302
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Bus: 919.828.3441 Fax: 919.828.5751

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

HURRICANE HELENE EMERGENCY REPAIRS
SOIL NAIL SHOULDER BUILD-OUT
SITE 4- BALD ROCK RD.

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1			3			2G-4b
2			4			

GEOTECHNICAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 048123 ENGINEER CHENG WANG

DocuSigned by: Cheng Wang 8/8/2025
1711224BE83B4B0...
SIGNATURE DATE

ENGINEER

SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DF18314.2045063

FINAL | 2G-4B

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HENDERSON COUNTY

HIGHWAY DIVISION 14

REVISIONS