Docusign Envelope ID: E17A1667-E357-4910-B199-E13EF81E6750

5/26/20

GEOTECHNICAL ENGINEER	ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 048123 ENGINEER QIENG WANG P.E.	
DocuSigned by: Cheng Wang 8/8/2025	
SIGNATURE DATE	SIGNATURE DATE

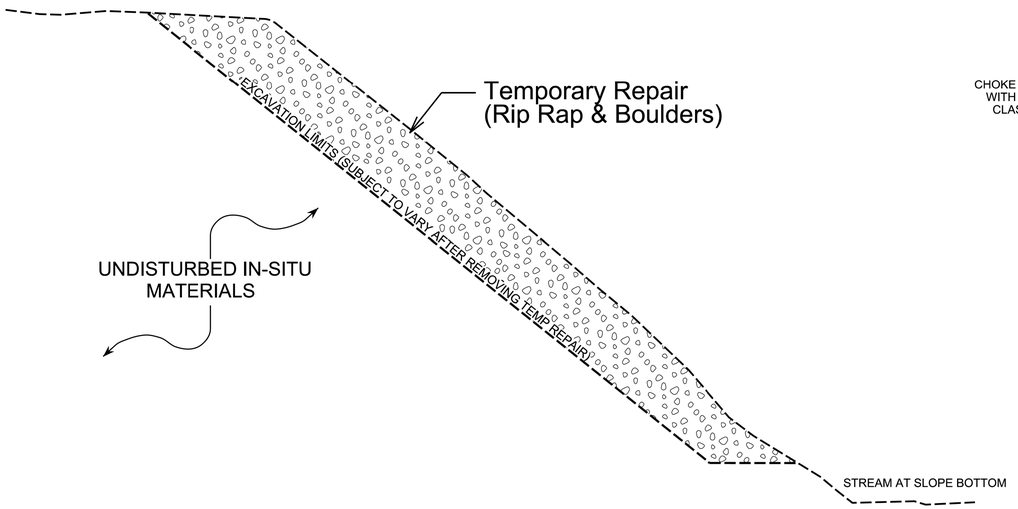
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DF18314.2045479

FINAL | 2G-9

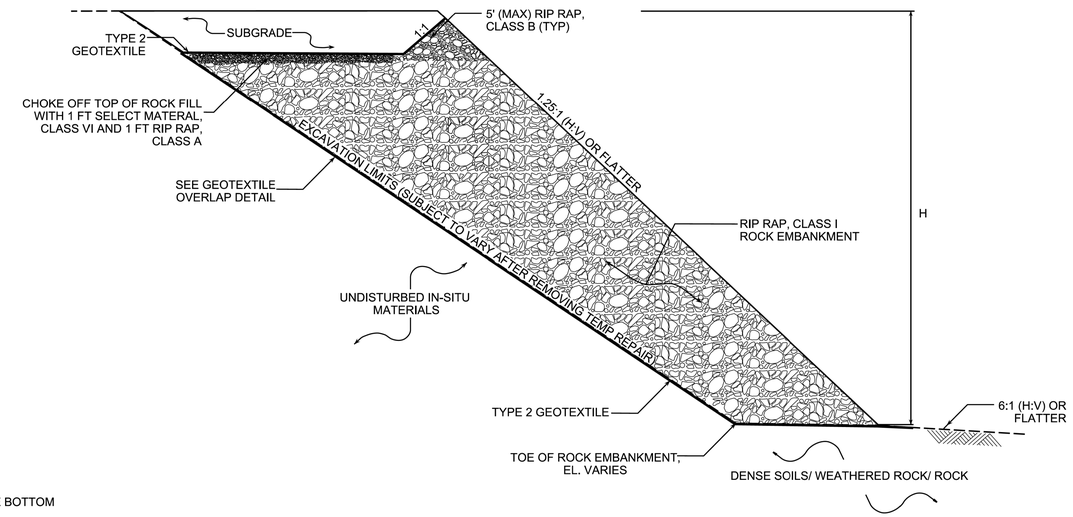
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HENDERSON COUNTY

HIGHWAY DIVISION 14



EXISTING CONDITIONS VARIES

N.T.S.

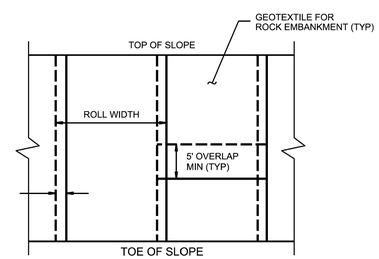


ROCK EMBANKMENT DETAIL

N.T.S.

NOTES:

1. FOR ROCK EMBANKMENT, SEE ROCK EMBANKMENT PROVISION.
2. THE MAXIMUM ALLOWABLE HEIGHT FOR THE ROCK EMBANKMENT DETAIL IS 80'.
3. FOR ROCK EMBANKMENT, BENCH EXISTING SLOPE IN ACCORDANCE WITH SECTION 235 OF THE STANDARD SPECIFICATIONS, WHERE POSSIBLE.
4. REMOVE THE TEMPORARY REPAIR (RIP RAP AND BOULDERS) TO UNDISTURBED IN-SITU MATERIALS TO THE SATISFACTION OF THE ENGINEER BEFORE CONSTRUCTING ROCK EMBANKMENT.
5. IF SOFT/LOOSE MATERIALS EXIST AT THE TOE OF SLOPE, UNDERCUT THE MATERIALS TO THE SATISFACTION OF THE ENGINEER AND BACK FILL WITH SELECT MATERIAL APPROVED BY THE ENGINEER.
6. NO SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF SITE 9. THE INFORMATION PROVIDED FOR DESIGN WAS BASED ON VISUAL OBSERVATIONS AND APPROXIMATIONS AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.



GEOTEXTILE OVERLAP DETAIL

(PLAN VIEW) N.T.S.

PROJECT NO.: DF18314.2045079

COUNTY: HENDERSON

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

SINCE 1881

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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

HURRICANE HELENE EMERGENCY REPAIRS

ROCK EMBANKMENT

SITE 9-BALD ROCK RD.

REVISIONS

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

SHEET NO. 2G-9

REVISIONS