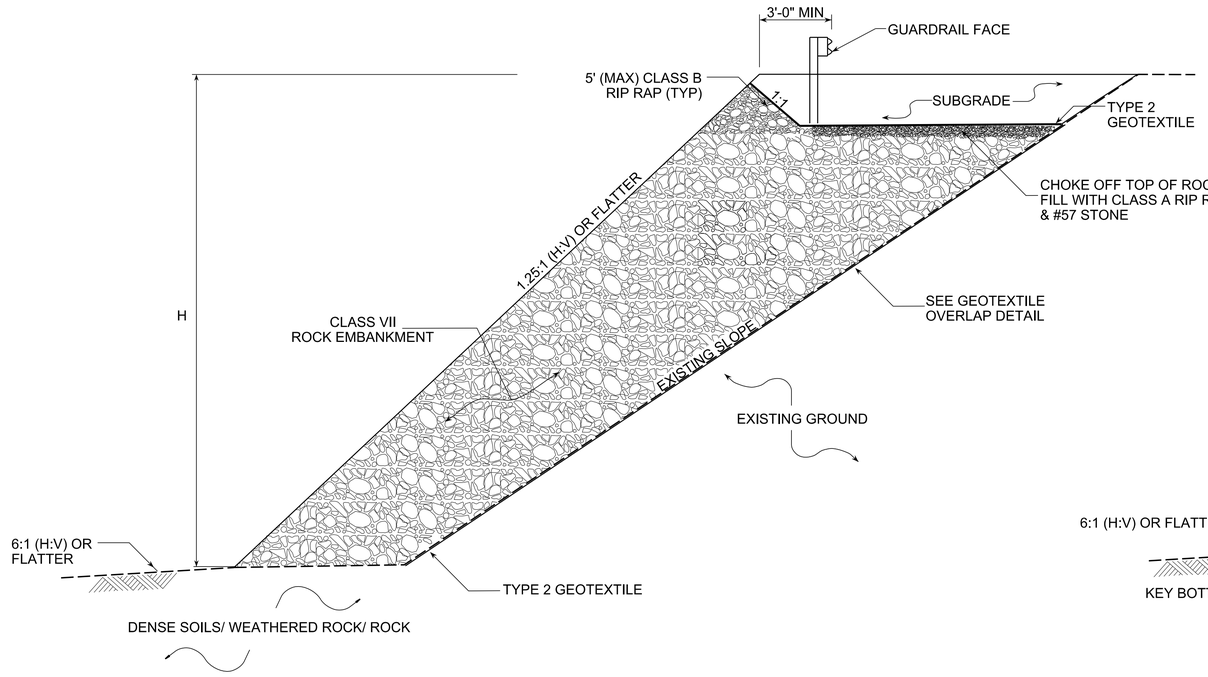
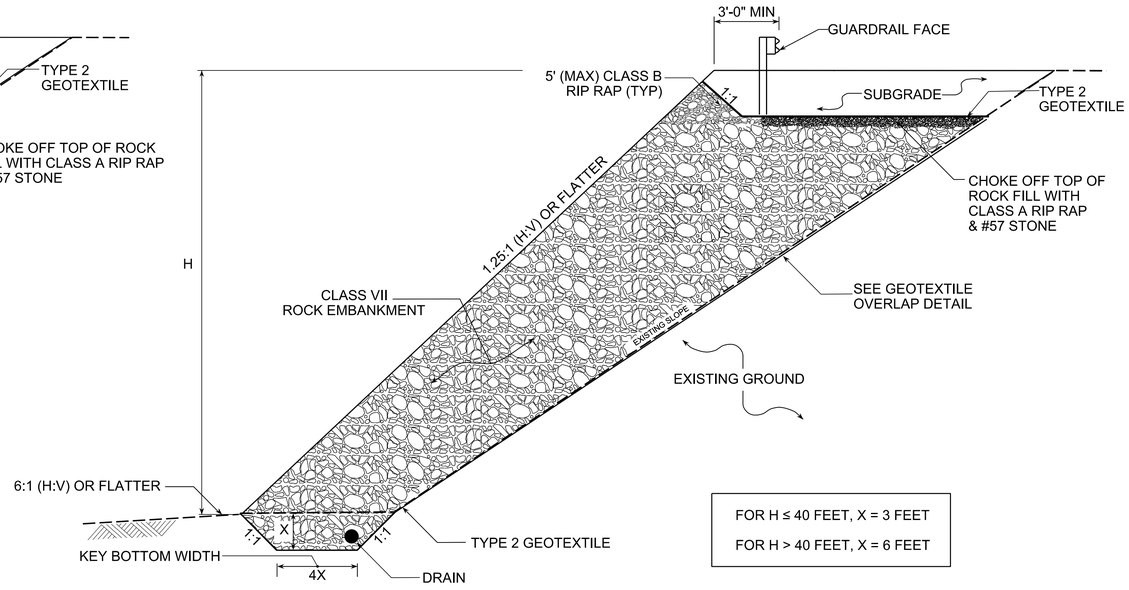
Docusign Envelope ID: 7611ED5B-ED4B-4BC7-9E9B-BD8D6D61592B

GEOTECHNICAL ENGINEER	ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 041986 ENGINEER D. MATTHEW BREWER DocuSigned by: D. Matthew Brewer 10/20/2025 3861200A0A0144B0 SIGNATURE DATE	SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



ROCK EMBANKMENT DETAIL



FOR H ≤ 40 FEET, X = 3 FEET

FOR H > 40 FEET, X = 6 FEET

ROCK EMBANKMENT WITH TOE KEY DETAIL

NOTES:

1. THE MAXIMUM ALLOWABLE HEIGHT FOR THE ROCK EMBANKMENT DETAIL IS 80'.
2. FOR ROCK EMBANKMENT, BENCH EXISTING SLOPE IN ACCORDANCE WITH SECTION 235 OF THE STANDARD SPECIFICATIONS, WHERE POSSIBLE.
3. FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENTS SPECIAL PROVISION.

ESTIMATED QUANTITIES - SITE 685

ROCK EMBANKMENTS	1,400 TON
GEOTEXTILE FOR ROCK EMBANKMENTS	600 SY

PROJECT NO.: 18314.1075011

POLK COUNTY

STATION: -RR- Sta. 10+75 to 12+00, LT

SHEET 1 OF 1

PREPARED BY: DMB	DATE: 10/25
REVIEWED BY: DMB	DATE: 10/25

Prepared in the Office of:
CAROLINAS GEOTECHNICAL GROUP
1805 SARDIS ROAD NORTH
SUITE 100
CHARLOTTE, NC 28270
(980) 339-8684

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

SITE 685 ROCK EMBANKMENTS

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