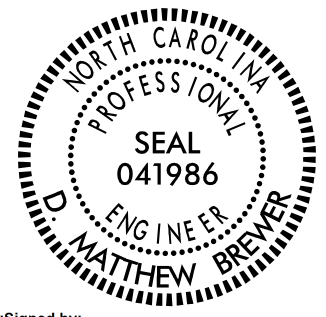
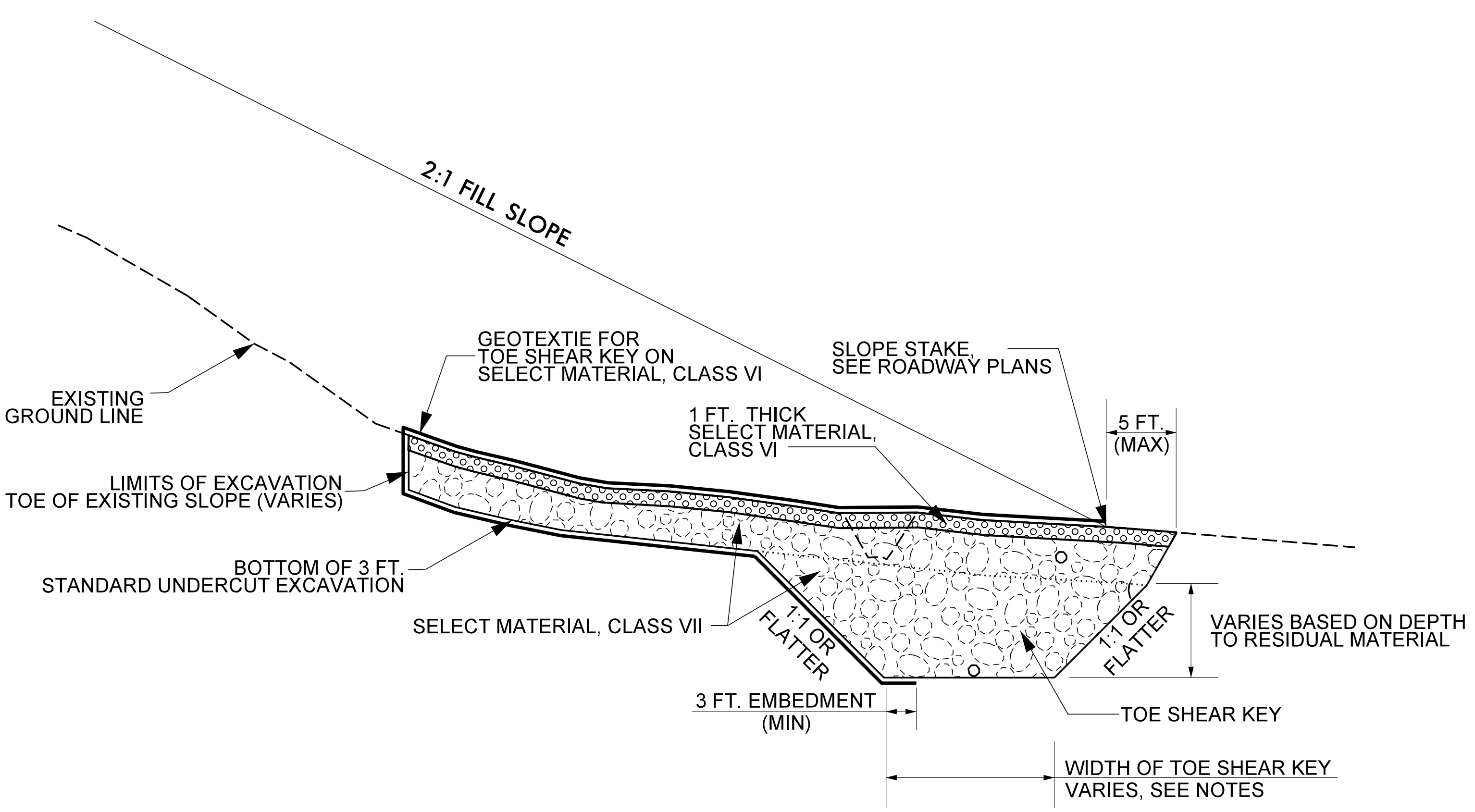
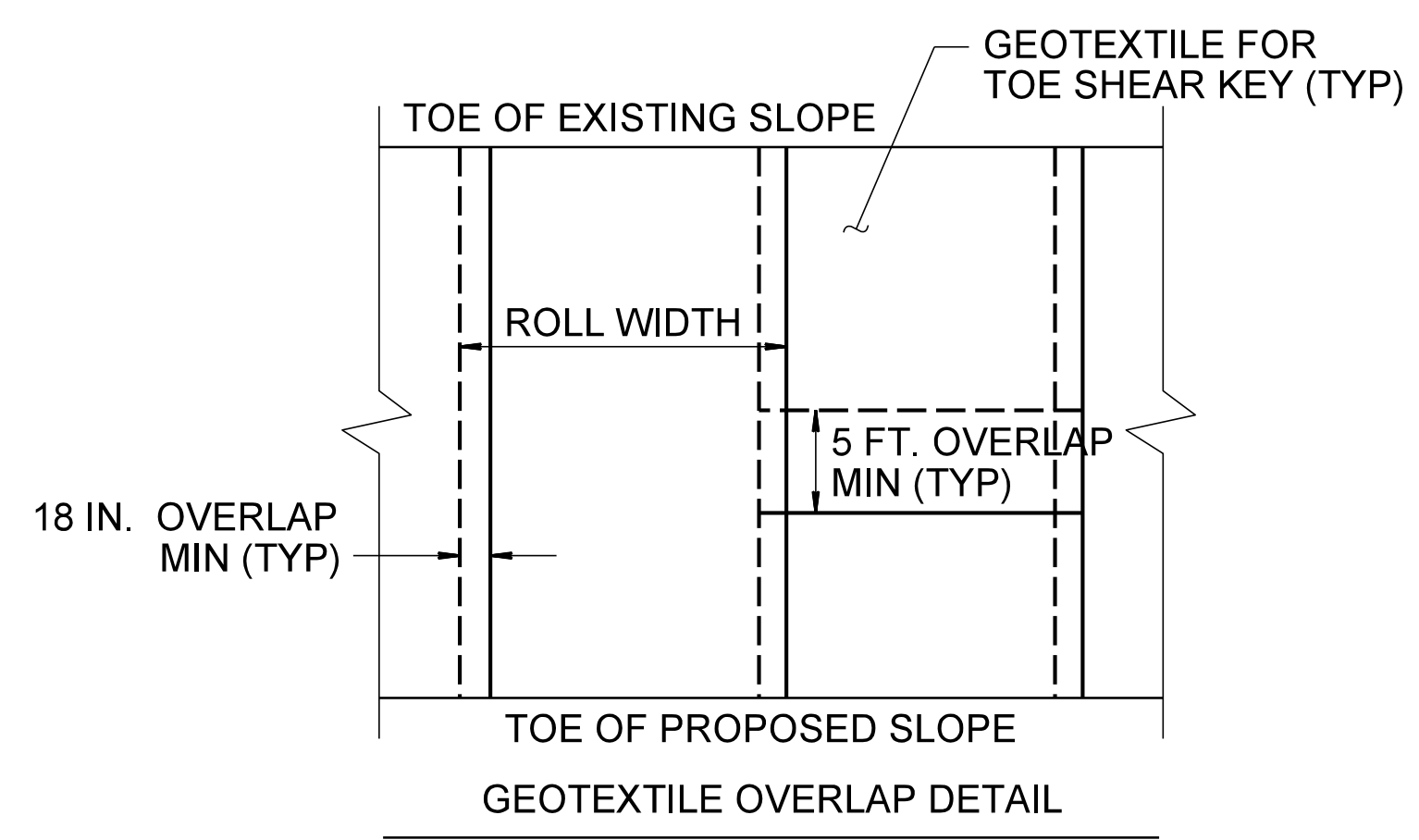
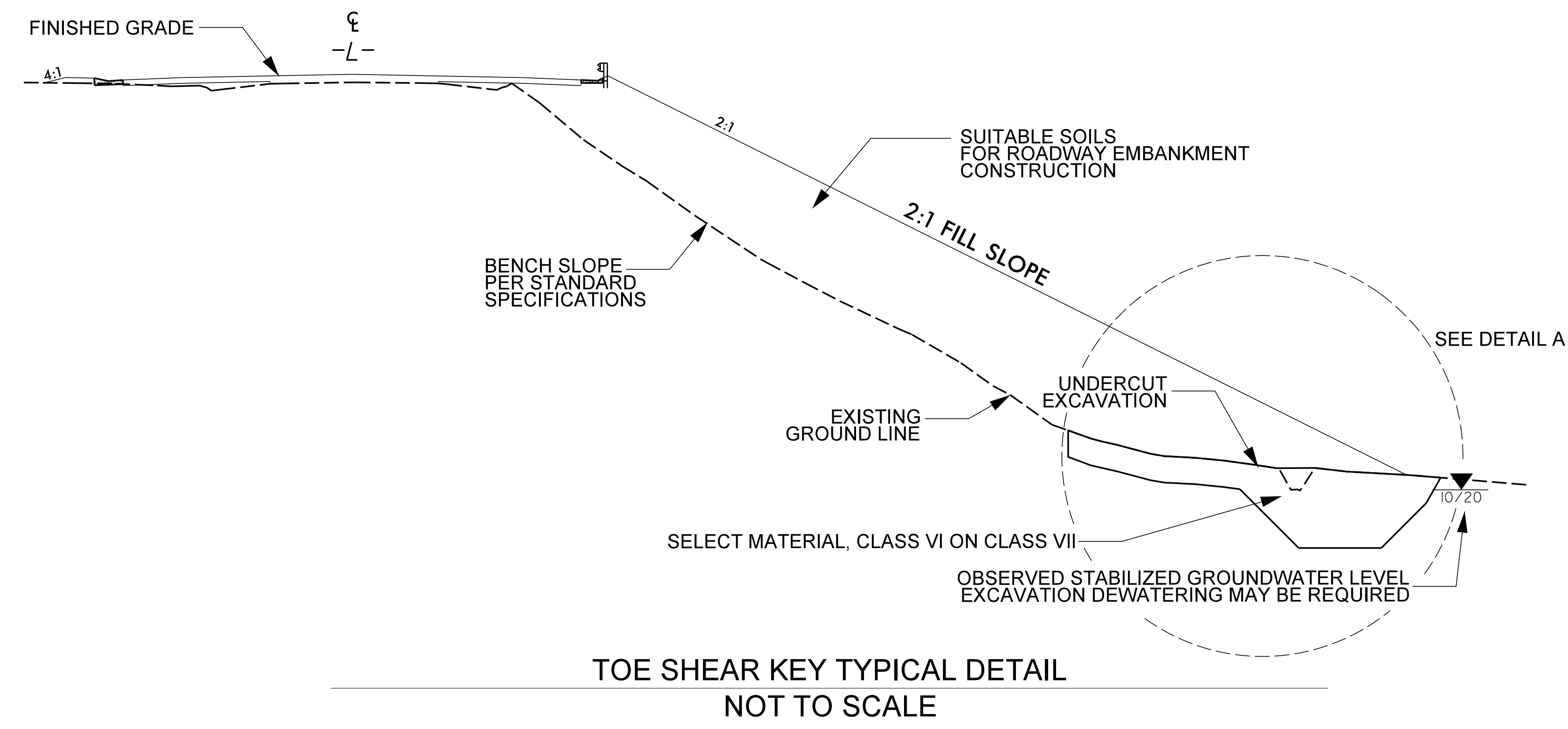


PROJECT REFERENCE NO. A-0009CA	SHEET NO. 2G-2
GEOTECHNICAL ENGINEER  D. Matthew Brewer 4/28/2022 SIGNATURE DATE	ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



FOR USE IN THE FOLLOWING LOCATIONS, OR AS DIRECTED BY THE ENGINEER
 STATION: -L-, 71+25 TO 72+75 LT & RT
 -L-, 89+50 TO 91+00 RT

NOTES:
 FOR TOE SHEAR KEY, SEE TOE SHEAR KEY SPECIAL PROVISION
 PERFORM UNDERCUT EXCAVATION IN THE AREAS NOTED. UNDERCUT SHOULD EXTEND FROM TOE OF EXISTING SLOPE TO FIVE FEET BEYOND OF TOE OF PROPOSED SLOPE. UNDERCUT EXCAVATION SHOULD EXTEND TO A DEPTH OF 3 FEET BELOW EXISTING GRADE.
 FOR SELECT MATERIAL, CLASS VII, SEE TOE SHEAR KEY SPECIAL PROVISION.
 FOR SELECT MATERIAL, CLASS VI, SEE TOE SHEAR KEY SPECIAL PROVISION.
 FOR GEOTEXTILE FOR TOE SHEAR KEY AND SELECT MATERIAL, CLASS VI, SEE TOE SHEAR KEY SPECIAL PROVISION
 WIDTH OF TOE SHEAR KEY AT -L-, 71+25 TO 72+75 LT & RT IS 5 FT.
 WIDTH OF TOE SHEAR KEY AT -L-, 89+50 TO 91+00 RT IS 10 FT.

ESTIMATED QUANTITIES TOE SHEAR KEY	
SELECT MATERIAL, CLASS VII	6,250 TON
SELECT MATERIAL, CLASS VI	900 TON
GEOTEXTILE	2,450 SY
UNDERCUT EXCAVATION	3,600 CY

Prepared in the Office of:



**CAROLINAS
GEOTECHNICAL
GROUP**
 2400 CROWNPPOINT EXECUTIVE DRIVE
 SUITE 800
 CHARLOTTE, NC 28227
 (980) 339-8684

**GEOTECHNICAL
CONSTRUCTION DETAILS -
TOE SHEAR KEY**

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

PREPARED BY: D. MATTHEW BREWER, P.E.	DATE: 4/27/22
REVIEWED BY: ROBERT E. KRAL, P.E.	DATE: 4/27/22