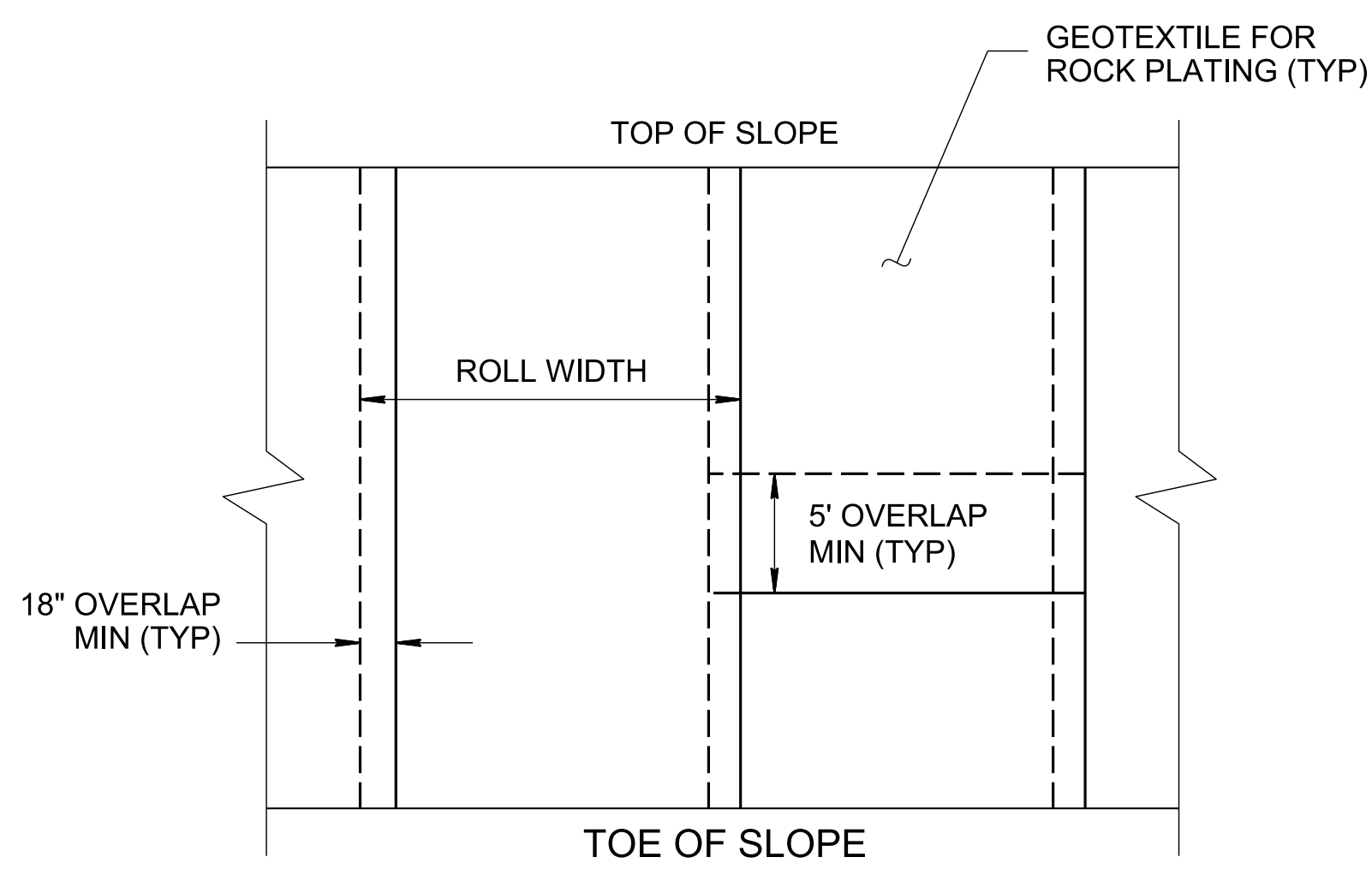


ROCK EMBANKMENT DETAIL WITH MICROPILE KNEEWALL DETAIL

ROCK PLATING DETAIL



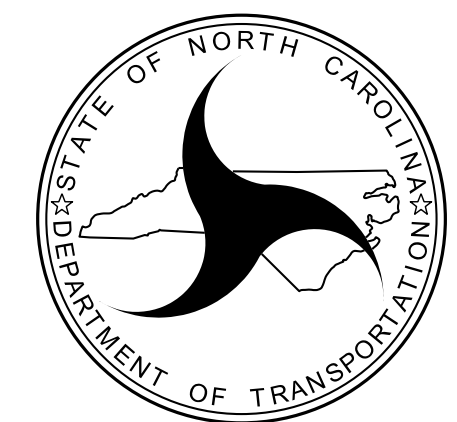
GEOTEXTILE OVERLAP DETAIL (PLAN VIEW)

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 PLATING, SEE SECTION 275 OF THE STANDARD SPECIFICATIONS.
4. FOR MICROPILE KNEE WALL, SEE MICROPILE AND KNEE WALL DETAILS AND PROVISIONS.
5. ESTIMATED MICROPILE AVERAGE LENGTH FOR KNEE WALL = 15'
6. MINIMUM MICROPILE ROCK BOND LENGTH = 5'

DO NOT USE THESE DETAILS UNLESS DIRECTED BY THE ENGINEER

CONTRACT NO.: C205062



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

HURRICANE HELENE EMERGENCY REPAIRS

ROCK EMBANKMENT

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

PREPARED BY:	DATE:
REVIEWED BY:	DATE: