
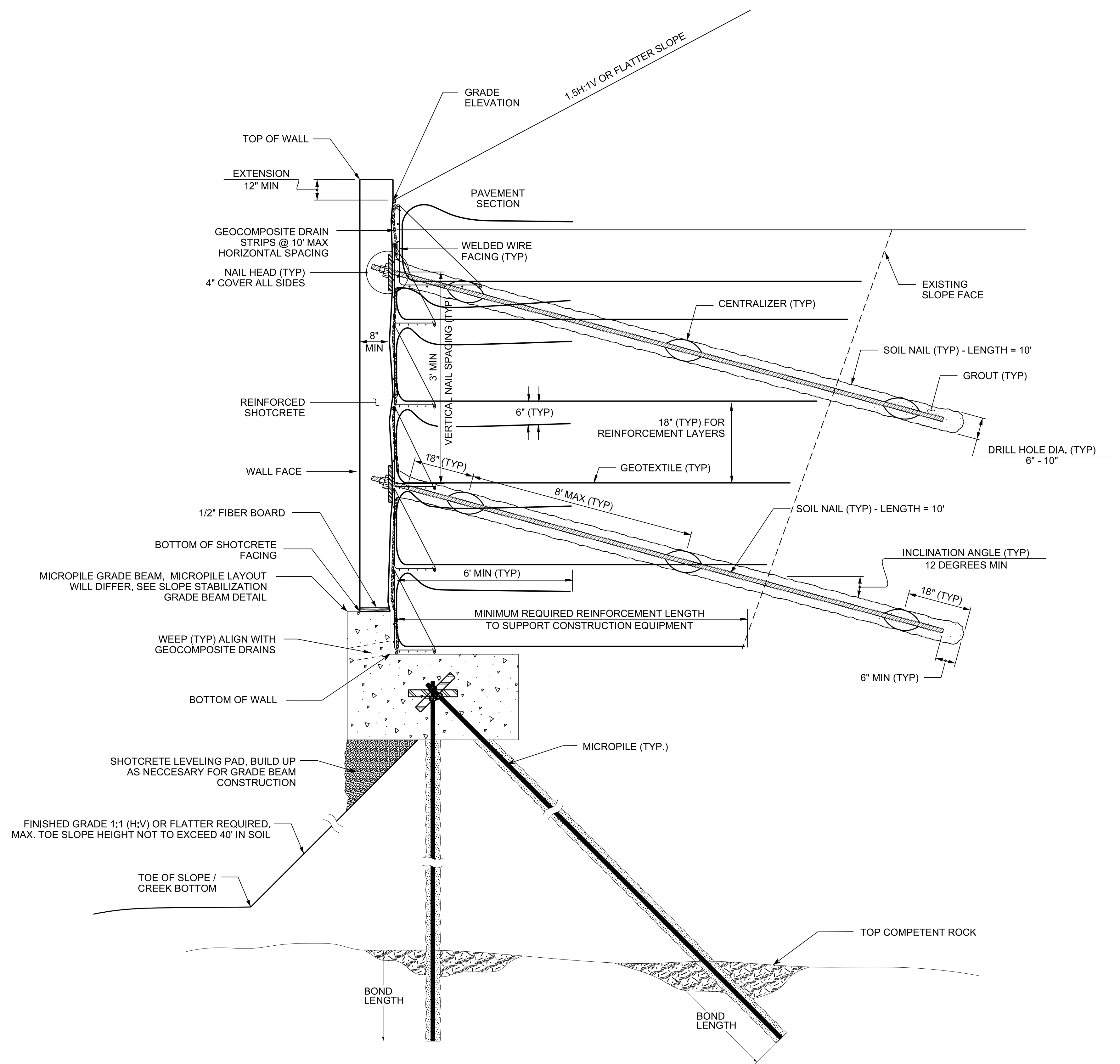


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| GEOTECHNICAL<br>ENGINEER<br><br>Signed by: <i>H. Stephens</i> 12/20/2024<br>C44782092314CC<br>SIGNATURE DATE | ENGINEER<br><br><br><br>SIGNATURE DATE |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED   |  |

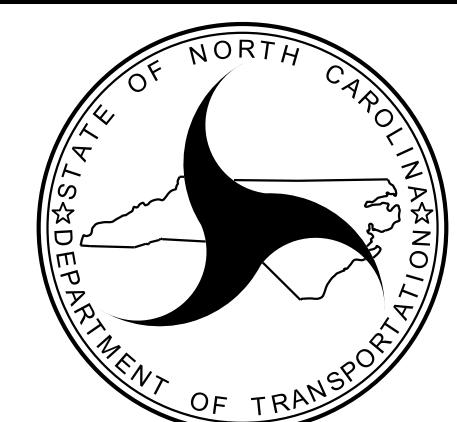


**NOTES:**

- FOR SOIL NAIL WALL, SEE SOIL NAIL WALL PROVISION.
- FOR MICROPILE GRADE BEAM, SEE SLOPE STABILIZATION GRADE BEAM PLANS AND MICROPILE PROVISION.
- FOR MICROPILES, SEE MICROPILE PROVISION.
- ESTIMATED SOIL NAIL AVERAGE LENGTH = 15'
- ESTIMATED MICROPILE AVERAGE LENGTH = 10'
- MINIMUM MICROPILE ROCK BOND LENGTH = 5'
- MINIMUM SOIL NAIL ROCK BOND LENGTH = 5'
- MINIMUM OVERALL SOIL NAIL AND MICROPILE LENGTH = 10'

CONTRACT NO.: C205017

DO NOT USE THESE DETAILS UNLESS DIRECTED BY THE ENGINEER

|   |  |    |   |     |    |      |
|---|--|----|---|-----|----|------|
|  | NORTH CAROLINA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF HIGHWAYS |    | HURRICANE HELENE EMERGENCY REPAIRS<br>SOIL NAIL RETAINING WALL<br>WITH SHOTCRETE FACING |     |    |      |
|   | GEOTECHNICAL<br>ENGINEERING UNIT                                       |    | REVISIONS   |     |    |      |
|   | NO.  | BY | DATE  | NO. | BY | DATE |
|   | 1  |    |   | 3   |    |      |
|   | 2  |    |   | 4   |    |      |

|              |       |
|--------------|-------|
| PREPARED BY: | DATE: |
| REVIEWED BY: | DATE: |