



6" - 18" FOR SECOND REINFORCEMENT LAYER LIMITS OF REINFORCED ZONE 18" (TYP) FOR REMAINING SEPARATION GEOTEXTILE\* WELDED WIRE -REINFORCEMENT LAYERS FOR CLASS V OR VI FACING (TYP) SELECT MATERIAL SEE FACING DETAIL IN THE REINFORCED ZONE (TYP)<u>```----</u> REINFORCED ZONE BACKFILL (SEE NOTE 7 ON SHEET 2) WALL FACE -RETAINED EMBANKMENT 6" M/N (TYP) GEOTEXTILE OR APPROVED BOTTOM OF WALL -GEOGRID REINFORCEMENT\* (TYP) -EXISTING OR -FINISHED GRADE BOTTOM OF - RETENTION GEOTEXTILE\* (TYP) REINFORCED ZONE 6:1(H:V) OR FLATTER (OMIT FOR GEOTEXTILE REINFORCEMENT) L - MINIMUM REQUIRED REINFORCEMENT LENGTH (TYP) WALL EMBEDMENT

> 14.5′ MIN

6" - 12" FOR TOP (FIRST)

<u>REINFORCEMENT LAYER</u>

TEMPORARY MSE WALL - PARTIAL ELEVATION \*SEE GEOSYNTHETIC PLACEMENT DETAILS ON SHEET 2.

> PROJECT NO.: P-5705A MECKLENBURG COUNTY

STATION: -L- 20+49.45

GEOTECHNICAL

**ENGINEER** 

039779

Jeremy R Hamm

9/17/2021

**DOCUMENT NOT CONSIDERED FINAL** UNLESS ALL SIGNATURES COMPLETED

**ENGINEER** 

SHEET 2 OF 3

FALCON www.falconengineers.com

- MIN.6" SOIL COVER

FALCON ENGINEERING, INC. 1210 TRINITY ROAD, SUITE 110 CARY, NC 27513 PHONE: 919.871.0800

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

**GEOTECHNICAL** ENGINEERING UNIT TEMPORARY MSE WALL TYPICAL DETAILS

**REVISIONS** SHEET NO. DATE DATE NO. 3 |

## TEMPORARY MSE WALL

\*SEE GEOSYNTHETIC PLACEMENT DETAILS ON SHEET 2.

DATE: 9/16/21 PREPARED BY: S. C. CROCKETT REVIEWED BY: J. R. HAMM DATE: 9/16/21

TOP OF WALL -

18" MIN