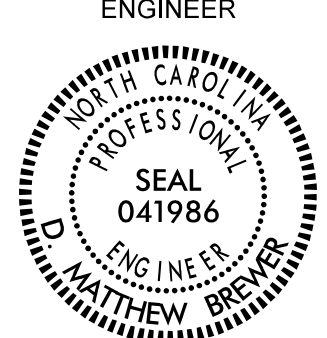


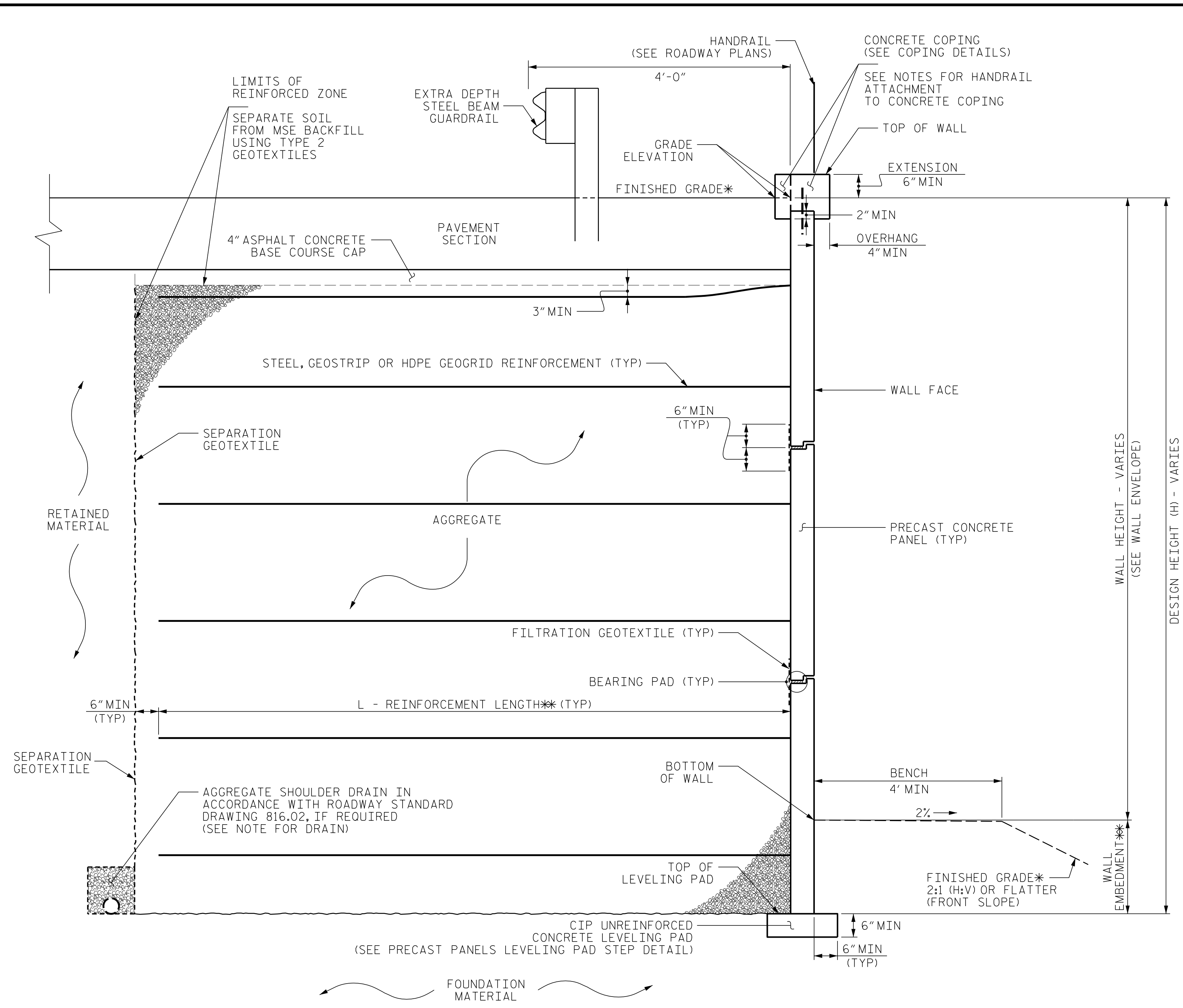
GEOTECHNICAL ENGINEER

ENGINEER



DocuSigned by:
D. Matthew Briner
38812BC0A0C1462
SIGNATURE

6/7/2022
DATE



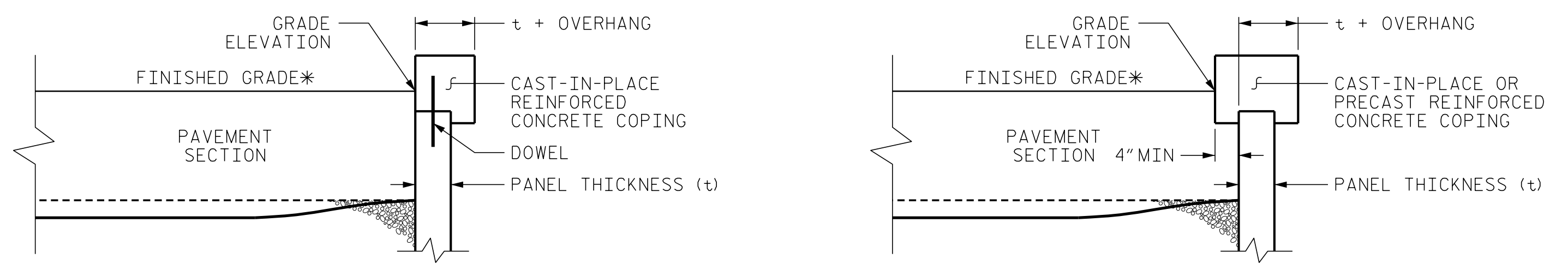
FRONT SLOPE WALL EMBEDMENT		
SLOPE IN FRONT OF STRUCTURES		MINIMUM EMBEDMENT DEPTH
HORIZONTAL	FOR WALLS	H/2.0
	FOR ABUTMENTS	H/1.0
3.0H:1.0V	WALLS	H/1.0
2.5H:1.0V	WALLS	H/8.5
2.0H:1.0V	WALLS	H/7
1.5H:1.0V	WALLS	H/5
1.25H:1.0V	WALLS	H/4
1.0H:1.0V	WALLS	H/3

NOTE:

- 1) MAINTAIN A MINIMUM BENCH WIDTH OF 4.0 FT IN FRONT OF THE WALL.
- 2) MINIMUM EMBEDMENT DEPTH OF 2 FT, UNLESS LARGER DEPTHS DICTATED BY ABOVE TABLE.
- 3) MAXIMUM SLOPE OF 1H:1V WILL BE MAINTAINED ON FRONT SLOPES FOR THE ENTIRE LENGTH OF THE WALL.
- 4) SUBMIT WITH THE WALL DESIGN INTERNAL AND EXTERNAL ANALYSES. REFERENCE MSE WALL PROVISION.

MSE WALL WITH PRECAST PANELS - TYPICAL SECTION

*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.
*SEE MSE RETAINING WALLS PROVISION AND IF APPLICABLE, MSE WALL NOTES FOR WALL EMBEDMENT AND REINFORCEMENT LENGTH REQUIREMENTS.



COPING DETAILS

AT THE CONTRACTOR'S OPTION, CONNECT COPING TO PANELS WITH DOWELS OR EXTEND COPING DOWN BACK OF PANELS.
*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.

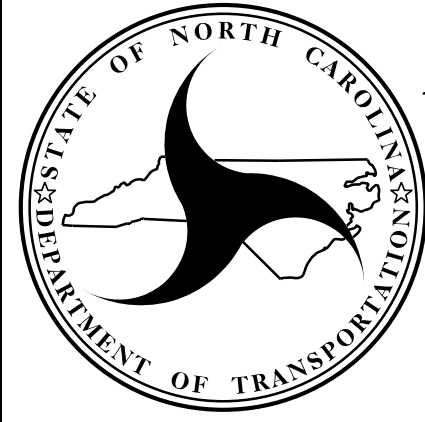
PROJECT NO.: **A-0009CB**
GRAHAM COUNTY
RETAINING WALL #10 STATION: **-L- 316+45, 42' RT TO 317+67, 39' RT**
SHEET 2 OF 3

PREPARED BY: **DMB** DATE: **5/6/2022**
REVIEWED BY: **REK** DATE: **5/6/2022**

Prepared in the Office of:



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GEOTECHNICAL
GROUP**
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SUITE 800
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(980) 339-8684



**NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**GEOTECHNICAL
ENGINEERING UNIT**

REVISIONS						SHEET NO. W10-2
NO.	BY	DATE	NO.	BY	DATE	
1			3			
2			4			