
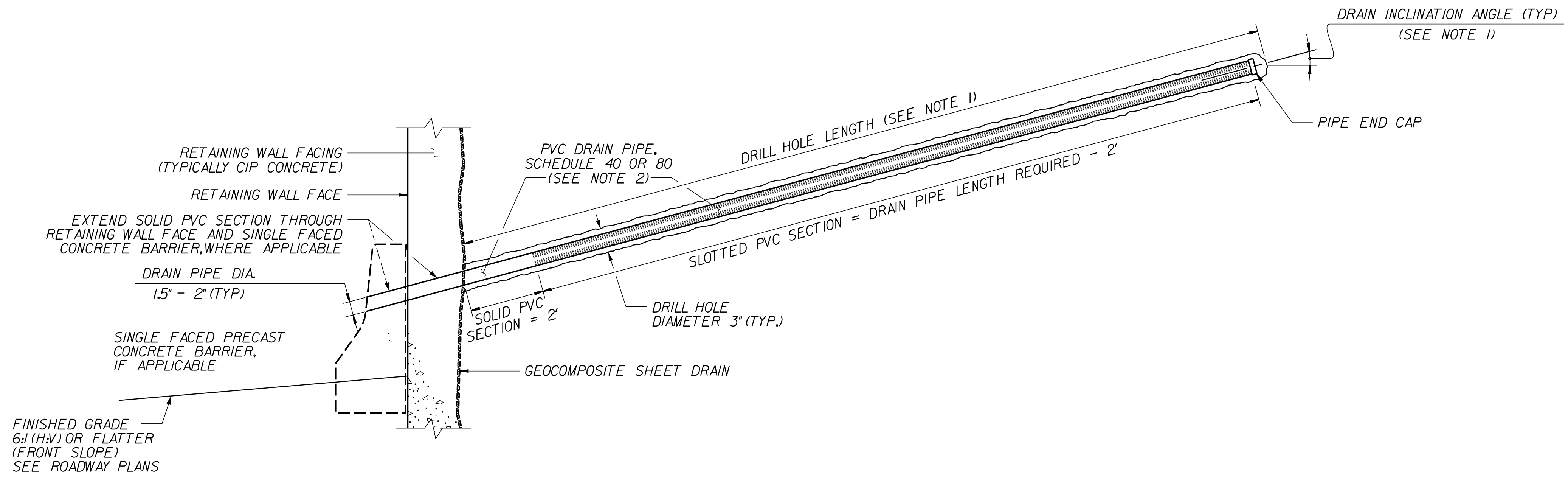
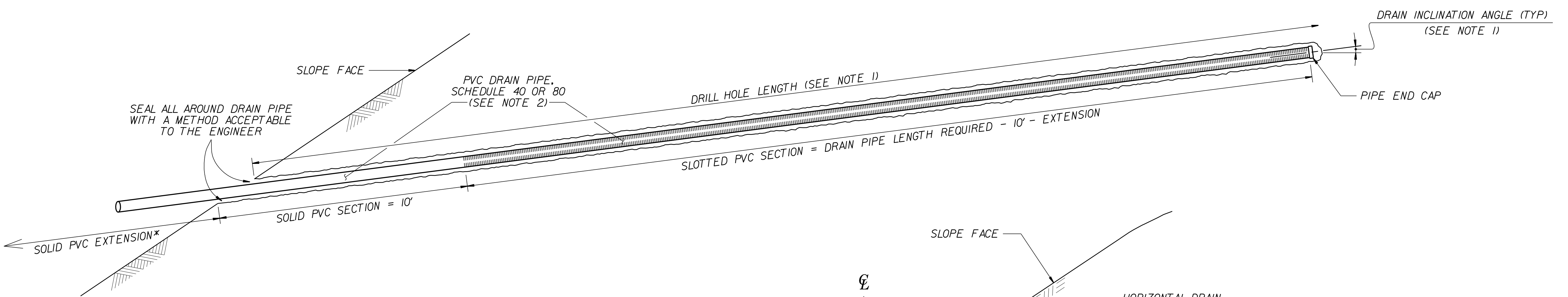


GEOTECHNICAL ENGINEER  SEAL 041986 ENGINEER M. MATTHEW BREWER	ENGINEER    _____ SIGNATURE _____ DATE
DocuSigned by: D. Matthew Brewer 08/01/2022 38612626A6C1452 SIGNATURE DATE SIGNATURE DATE	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**RETAINING WALL HORIZONTAL DRAIN**



**SLOPE HORIZONTAL DRAIN**

\*EXTEND SOLID PVC SECTION TO CONNECT PIPE TO A DRAINAGE SYSTEM OR DISCHARGE WATER AS DIRECTED

**EXAMPLE CROSS-SECTION WITH SLOPE HORIZONTAL DRAIN**

\*SEE NOTE 1 FOR DRAIN ELEVATIONS ABOVE (OR BELOW) GRADE

**NOTES:**

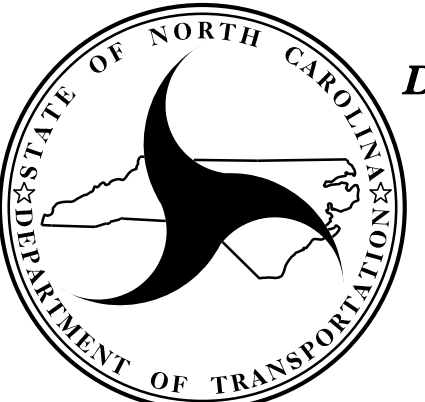
1. SEE ROADWAY SUMMARY SHEETS FOR APPROXIMATE KNOWN HORIZONTAL DRAIN LOCATIONS, ELEVATIONS, INCLINATION AND LENGTHS. ADDITIONAL DRAINS MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.
2. DRAIN PIPES MAY BE OMITTED FOR SOME HORIZONTAL DRAINS, SEE ROADWAY SUMMARY SHEETS FOR DRAIN PIPE REQUIREMENTS INCLUDING THOSE DRAINS WITHOUT PIPES.
3. FOR HORIZONTAL DRAINS, SEE HORIZONTAL DRAINS SPECIAL PROVISION (GT-6).

PROJECT NO.: A-0009CC  
 GRAHAM COUNTY  
 STATION: -L- 427+36, 28' RT TO 431+45, 31' RT  
 SHEET 8 OF 8

PREPARED BY: M. BREWER	DATE: 7/10/2022
REVIEWED BY: R. KRAL	DATE: 7/10/2022

Prepared in the Office of:  

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 CHARLOTTE, NC 28227  
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 NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**GEOTECHNICAL ENGINEERING UNIT**

REVISIONS						SHEET NO. W27-8
NO.	BY	DATE	NO.	BY	DATE	
1			3			
2			4			