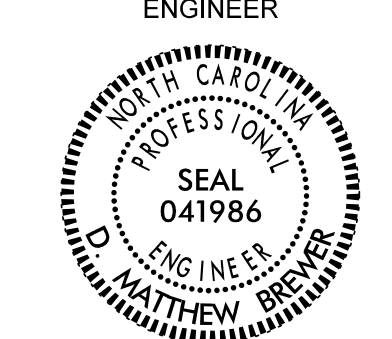


SMSE RETAINING WALL #32 INFORMATION

STA. -Y2-	OFFSET FROM CL TO WALL FACE	FINISHED GRADE BEHIND WALL	BOTTOM OF WALL	MINIMUM TOP OF LEVELING PAD	ESTIMATED MINIMUM SMSE WALL EMBEDMENT	* DESIGN SMSE WALL HEIGHT "H"	TOP OF SOIL NAIL WALL	APPROX. SOIL NAIL WALL HEIGHT	WALL REINFORCEMENT (MSE STRAP) LENGTH 'L'
28+75.00	54.93	1180.37	1180.37	1178.37	2.00	2.00	—	0.00	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
29+00.00	32.00	1192.41	1181.56	1179.56	2.00	12.85	1189.87	10.31	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
29+35.00	32.00	1192.29	1181.00	1179.00	2.00	13.29	1190.00	11.00	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
29+50.00	32.00	1192.20	1181.03	1179.03	2.00	13.17	1190.14	11.11	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
30+00.00	32.00	1191.76	1181.20	1179.20	2.00	12.56	1190.72	11.52	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
30+50.00	32.00	1191.06	1181.00	1179.00	2.00	12.06	1190.20	11.20	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
31+10.00	32.00	1189.90	1180.32	1178.32	2.00	11.58	1189.05	10.73	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
31+40.00	32.00	1189.18	1181.37	1179.37	2.00	9.81	1189.05	9.68	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)
31+50.00	40.00	1182.12	1181.56	1179.56	2.00	2.56	—	0.00	LOWER: 0.5XH OR 6 FT (MIN) UPPER: 0.7XH OR 10 FT (MIN)

* FOR DESIGN WALL HEIGHT "H" AND ADDITIONAL CONSTRUCTION DETAILS, SEE SHEETS 3 AND 4
ALL TABLE DIMENSIONS ARE GIVEN IN FEET

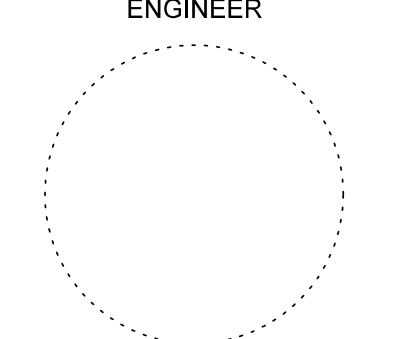
GEOTECHNICAL ENGINEER



DocuSigned by:
D. Matthew Brewer
386129C0A4C1462

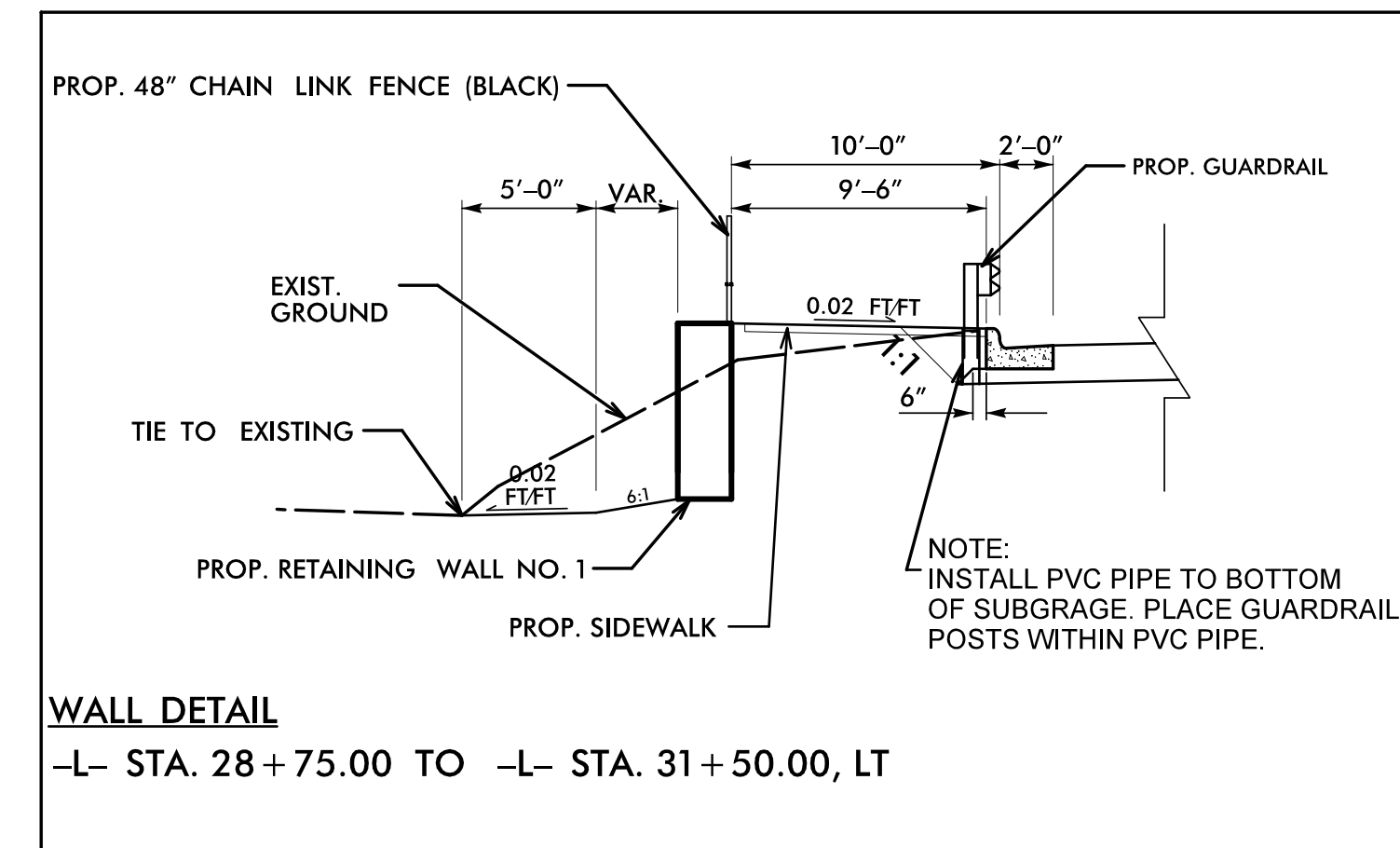
SIGNATURE DATE

ENGINEER

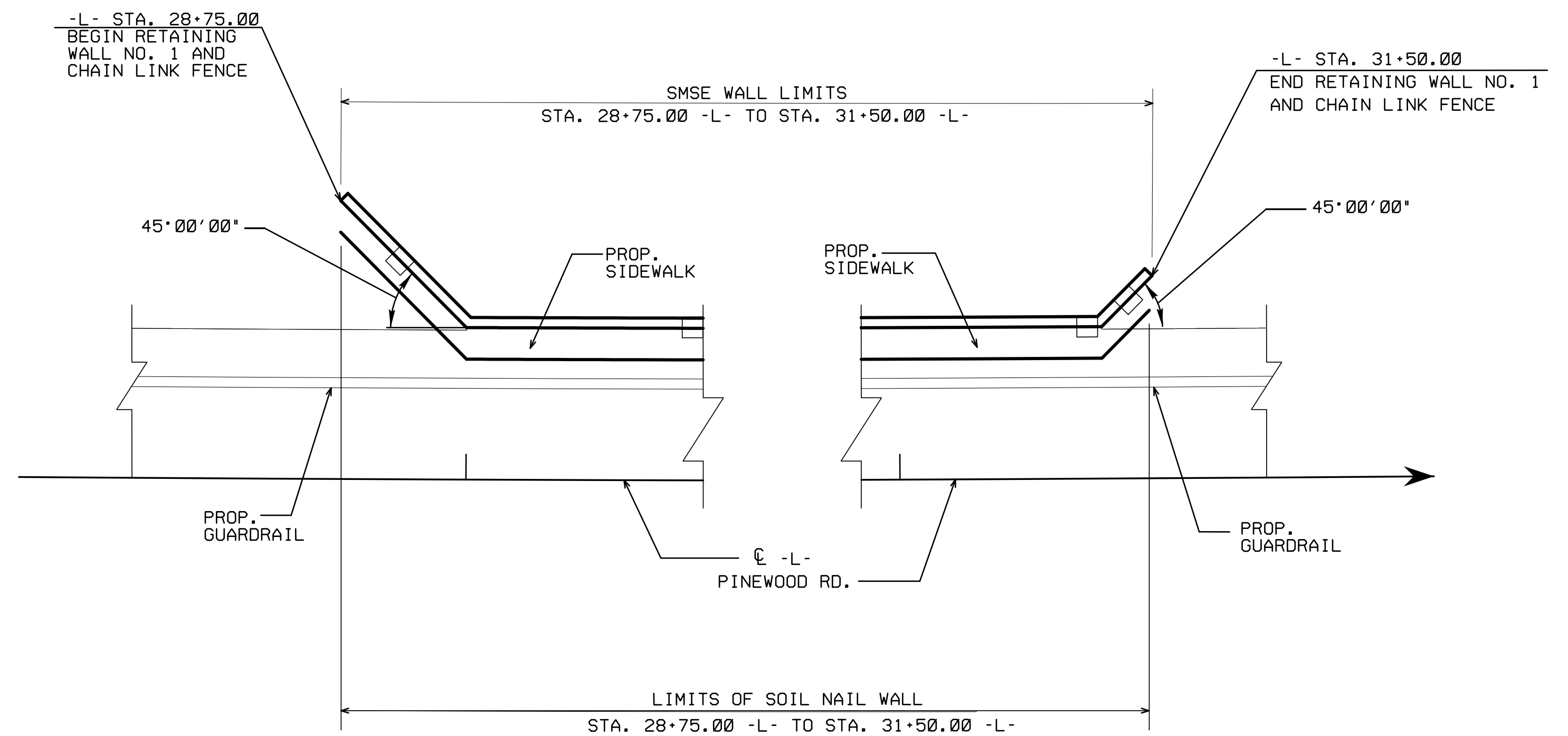


SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TYPICAL WALL SECTION
NOT TO SCALE



NOTE:

THE SOIL NAIL WALL LIMITS ARE FROM STA. 28+75.00 -L- TO STA. 31+50.00 -L-.

THE MSE WALL LIMITS ARE FROM STA. 28+75.00 -L- TO STA. 31+50.00 -L-.

PROJECT NO.: U-6036
CALDWELL COUNTY
RETAINING WALL NO. 1 STATION: -L-28+75, LT TO 31+50, LT
SHEET 2 OF 5

Prepared in the Office of:



CAROLINAS GEOTECHNICAL GROUP
2400 CROWNPOINT EXECUTIVE DRIVE
SUITE 800
CHARLOTTE, NC 28227
(980) 339-8684

SHORED MECHANICALLY STABILIZED EARTH (SMSE) RETAINING WALL

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

SHEET NO. W-2

PREPARED BY: DMB	DATE: 11/21/23
REVIEWED BY: REK	DATE: 11/21/23