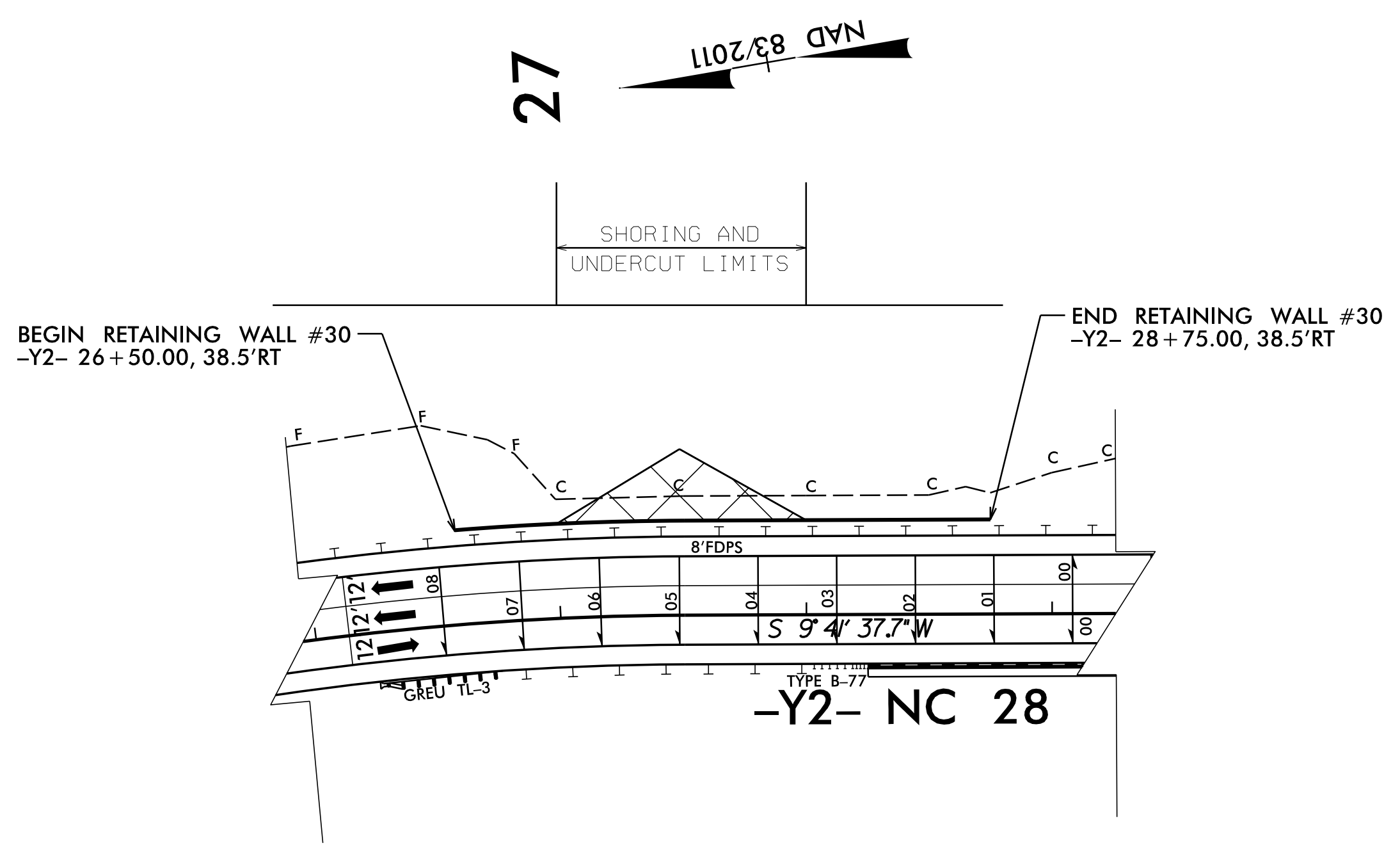


THE WALL ENVELOPE DOES NOT ACCURATELY DEPICT THE ACTUAL WALL FACE OF WALL #30 AT THE FOLLOWING LOCATION:
 -Y2- STA. 26+50.00 TO 27+50.52, LT

APPROXIMATE ENVELOPE SHORING FOR UNDERCUT

NOT TO SCALE
 (LOOKING AT WALL FACE)



SHORING AND UNDERCUT LIMITS SKETCH

SCALE: 50' = 1"
 -Y2- STA. 26+50.00 TO -Y2- STA. 28+50.00, LT

GEOTECHNICAL ENGINEER Robert E. Kral	ENGINEER _____ SIGNATURE
Designated by: SIGNATURE	08/01/2022 DATE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ESTIMATED SOIL NAIL SHORING QUANTITIES			
RETAINING WALL #	SOIL NAIL SHORING (SQUARE FEET)	SOIL NAIL VERIFICATION TESTS	SOIL NAIL PROOF TESTS
30	1,830	1	5

ESTIMATED QUANTITIES	
UNDERCUT EXCAVATION	2,850 CY
GEOTEXTILE FOR SOIL STABILIZATION	550 SY
SELECT GRANULAR MATERIAL	550 CY
SHOULDER DRAIN	600 LF
CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	5 EA
HORIZONTAL DRAINS (CONTINGENCY)	115 LF

PROJECT NO.: A-0009CC
 GRAHAM COUNTY
 STATION: -Y2- 26+50, 39' LT TO 28+75, 39' LT
 SHEET 5 OF 7

Prepared in the Office of:

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

REVISIONS						SHEET NO. W30-5
NO.	BY	DATE	NO.	BY	DATE	
1			3			
2			4			

PREPARED BY: R. KRAL	DATE: 8/1/2022
REVIEWED BY: M. BREWER	DATE: 8/1/2022