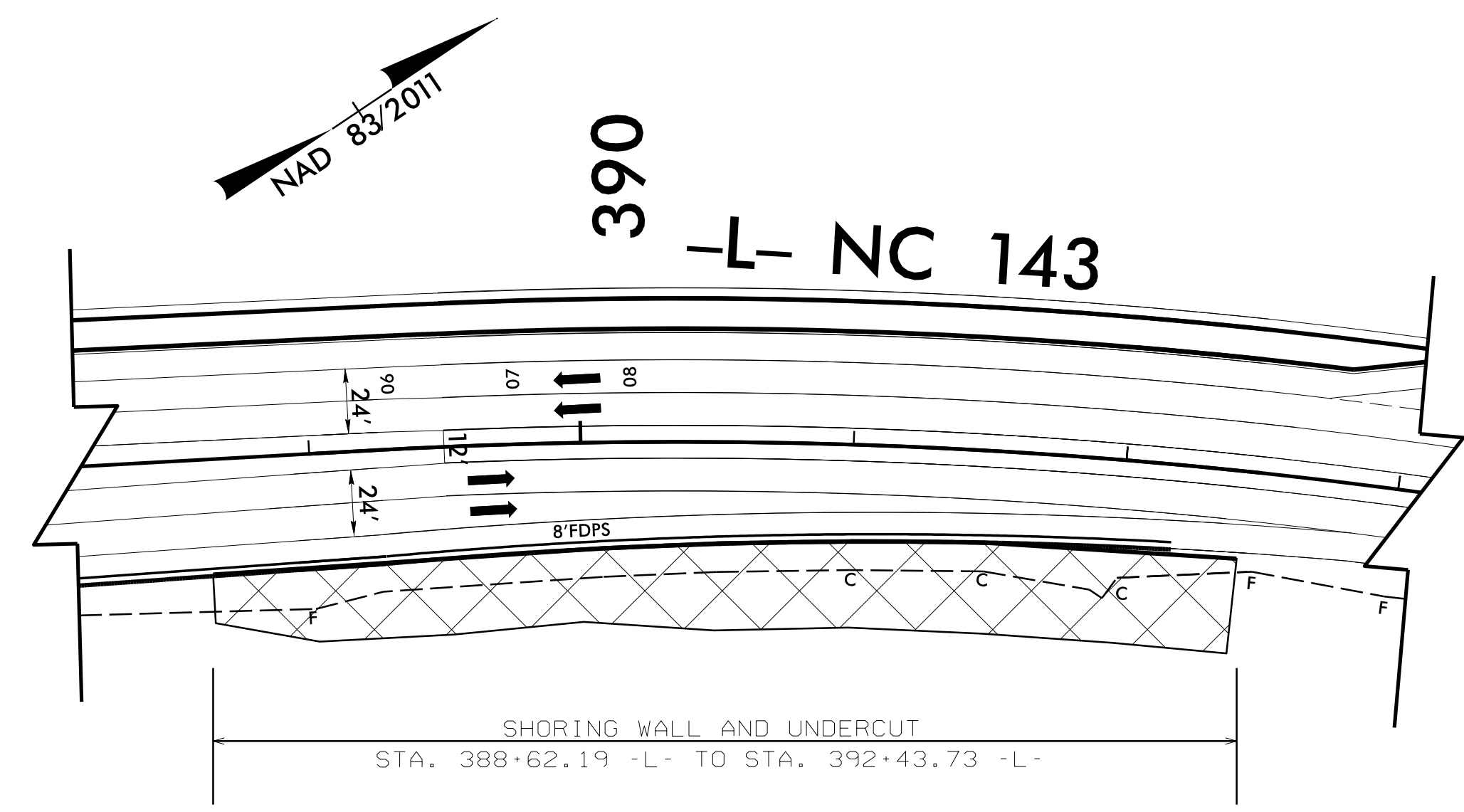


APPROXIMATE ENVELOPE - SHORING FOR UNDERCUT  
NOT TO SCALE  
(LOOKING AT WALL FACE)

ESTIMATED SOIL NAIL WALL QUANTITIES			
RETAINING WALL #	SOIL NAIL SHORING (SQUARE FEET)	SOIL NAIL VERIFICATION TESTS	SOIL NAIL PROOF TESTS
28	7,000	3	23



SHORING AND UNDERCUT LIMITS SKETCH

SCALE: 50' = 1"

ESTIMATED QUANTITIES - RETAINING WALL #28	
UNDERCUT EXCAVATION	6,900 CY
GEOTEXTILE FOR SOIL STABILIZATION	1,350 SY
SELECT GRANULAR MATERIAL	1,350 CY
SHOULDER DRAIN	800 LF
CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	5 EA

GEOTECHNICAL ENGINEER  D. Matthew Brewer 38812000001482 SIGNATURE	ENGINEER DATE: 7/15/2022 SIGNATURE: _____ DATE: _____
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NO.: A-0009CB  
 GRAHAM COUNTY  
 RETAINING WALL #28 STATION: -L-389+25, 47' RT TO 392+00, 39' RT  
 RETAINING WALL #29 STATION: -L- 393+90, 40' RT TO 395+90, 37' RT  
 SHEET 8 OF 10

Prepared in the Office of:

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

**RETAINING WALL #28 AND #29  
 SOIL NAIL SHORING FOR  
 UNDERCUT EXCAVATION**

REVISIONS						SHEET NO. W28_29 -8
NO.	BY	DATE	NO.	BY	DATE	
1			3			
2			4			

PREPARED BY: DMB	DATE: 7/14/2022
REVIEWED BY: REK	DATE: 7/14/2022