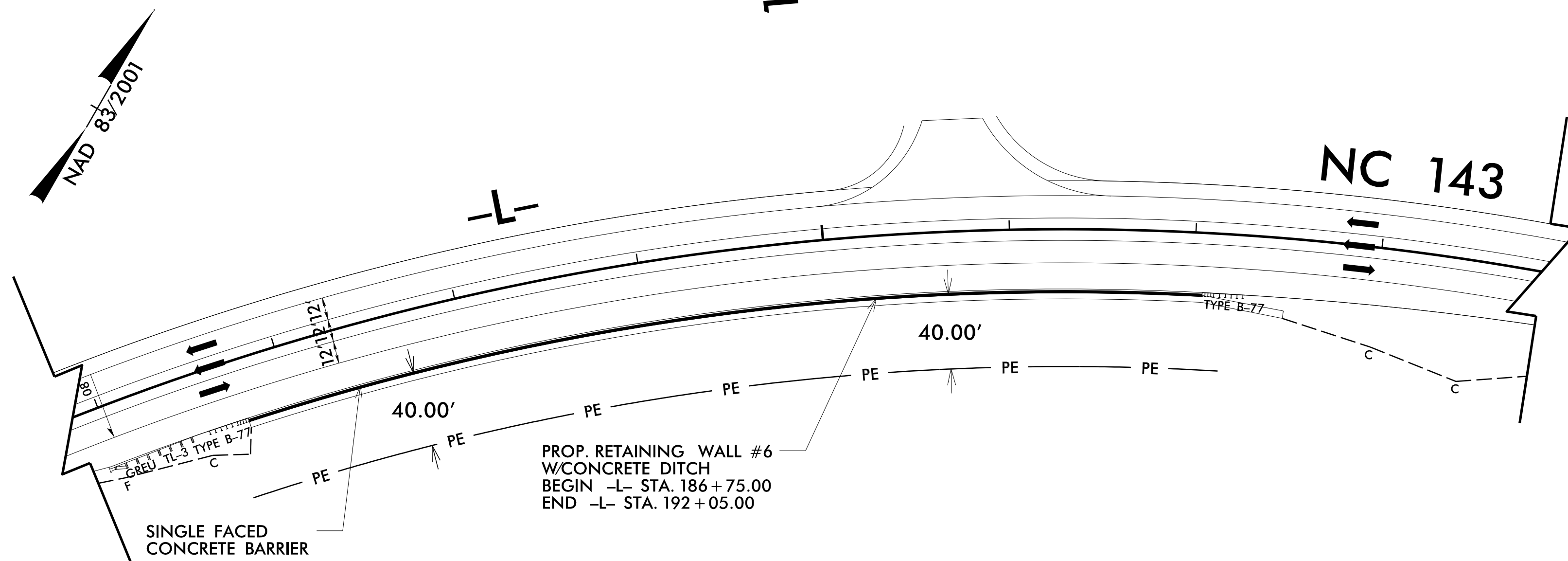
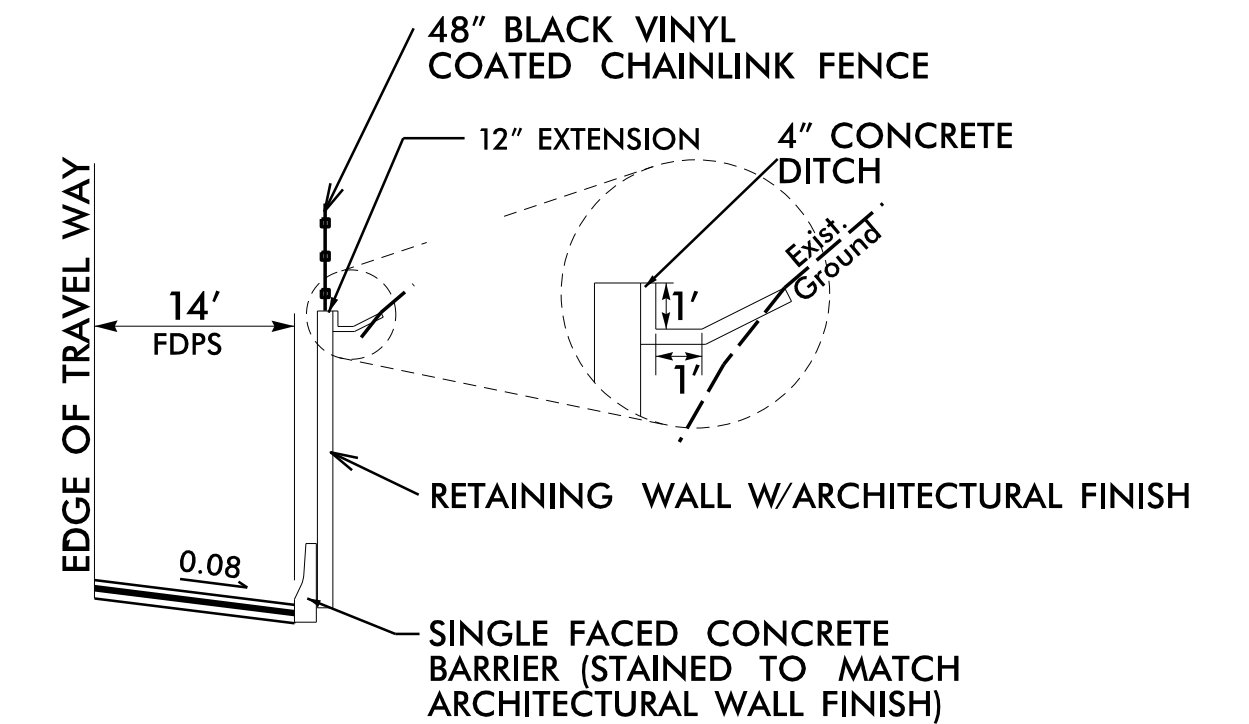


RETAINING WALL #6:



RETAINING WALL #6 - PLAN

NOT TO SCALE



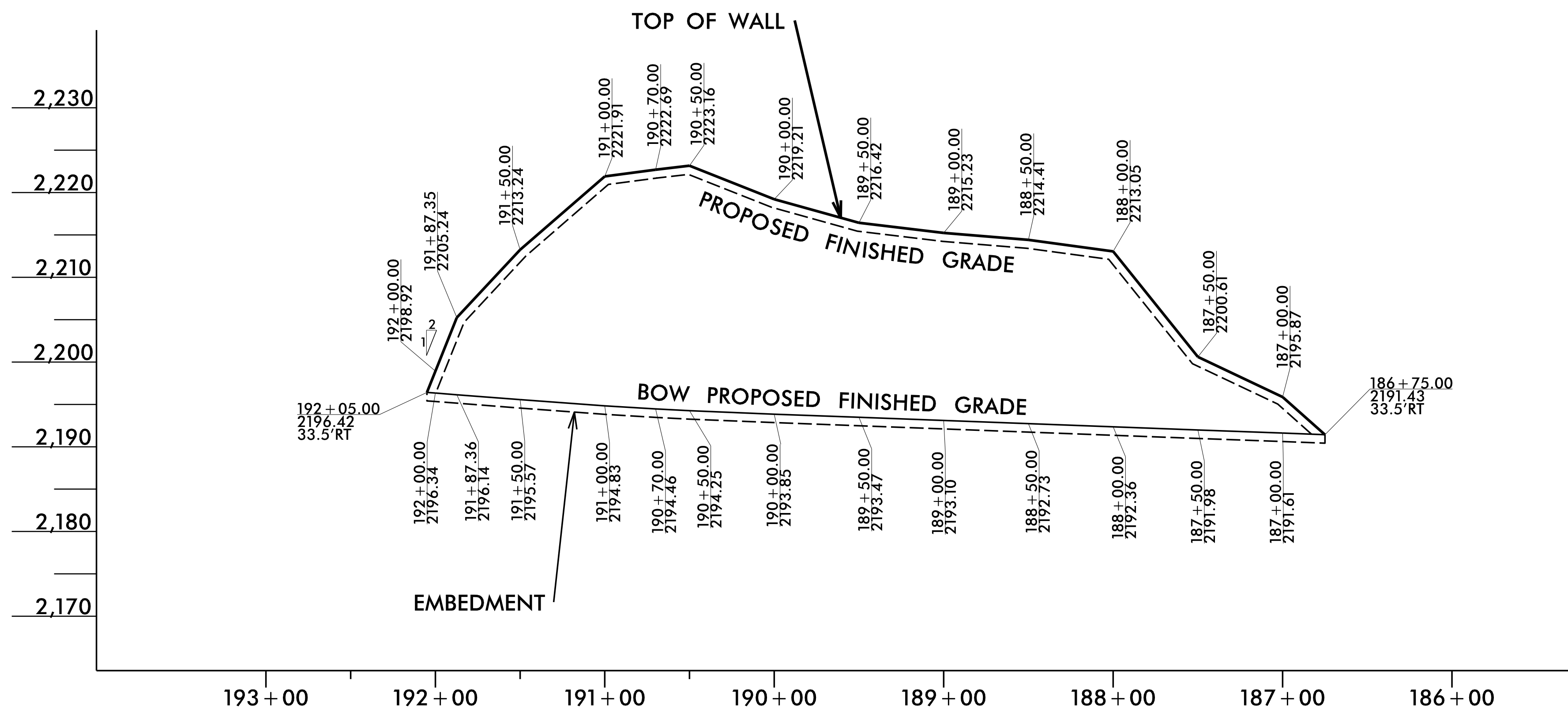
DETAIL FOR WALL #6

NOT TO SCALE

-L- STA. 186+75.00 TO -L- STA. 192+05.00, RT

ESTIMATED SOIL NAIL WALL QUANTITIES			
RETAINING WALL NO.	SOIL NAIL RETAINING WALLS (SQ. FEET)	SOIL NAIL VERIFICATION TESTS	SOIL NAIL PROOF TESTS
6	10,590*	5	30
FORM LINER ARCHITECTURAL FINISH			10,590* SF

*INCLUDES RETAINING WALL EMBEDMENT



RETAINING WALL #6 - ENVELOPE

NOT TO SCALE
BOW = BOTTOM OF WALL
(LOOKING AT FACE OF WALL)

SOIL NAIL RETAINING WALL #6						
STA. -L-	OFFSET FROM -L- (RT) FT.	ELEV. @ TOP OF WALL	BOW PROPOSED FINISHED GRADE	TOP OF LEVELING PAD	ESTIMATED WALL EMBEDMENT FT.	WALL DESIGN HEIGHT "H"
186+75.00	33.50	2191.43	2191.43	2190.43	1.00	1.00
187+00.00	33.50	2195.87	2191.61	2190.61	1.00	4.26
187+50.00	33.50	2200.61	2191.98	2090.98	1.00	8.63
188+00.00	33.50	2213.05	2192.36	2191.36	1.00	20.69
188+50.00	33.50	2214.41	2192.73	2191.73	1.00	21.68
189+00.00	33.50	2215.23	2193.10	2192.10	1.00	22.13
189+50.00	33.50	2216.42	2193.47	2192.47	1.00	22.95
190+00.00	33.50	2219.21	2193.85	2192.85	1.00	25.36
190+50.00	33.50	2223.16	2194.25	2193.25	1.00	28.91
190+70.00	33.50	2222.69	2194.46	2193.46	1.00	28.23
191+00.00	33.50	2221.91	2194.83	2193.83	1.00	27.08
191+50.00	33.50	2213.24	2195.57	2194.57	1.00	17.67
191+87.36	33.50	2205.24	2196.14	2195.14	1.00	9.10
192+00.00	33.50	2198.92	2196.34	2195.34	1.00	2.58
192+05.00	33.50	2196.42	2196.42	2195.42	1.00	1.00

PROJECT NO.: A-0009CA

GRAHAM COUNTY

RETAINING WALL #6: -L- 186+75, 33' RT TO 192+05, 33' RT

SHEET 1 OF 2

PREPARED BY: R. KRAL
REVIEWED BY: M. BREWER

DATE: 4/28/2022
DATE: 4/28/2022

RETAINING WALL # 6 ENVELOPE AND WALL LAYOUT PROVIDED BY TGS ENGINEERS, INC.

Prepared in the Office of:

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

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

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

RETAINING WALL #6
SOIL NAIL RETAINING WALL

SHEET NO. W6-1