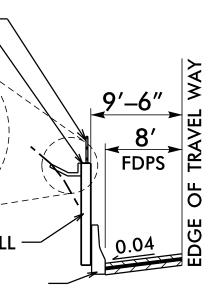
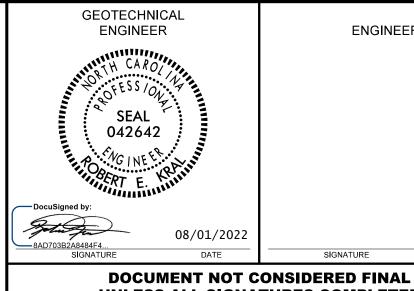


DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS GEOTECHNICAL ENGINEERING UNIT**

ENGINEER

DATE





UNLESS ALL SIGNATURES COMPLETED

DETAIL FOR WALL #39 & #40

NOT TO SCALE -Y2- STA. 14 + 59.37 TO -Y2- STA. 16 + 25.00, LT

ESTIMATED SOIL NAIL WALL QUANTITIES					
RETAINING WALLS SOIL NAIL SOIL NAIL SOIL NAIL SOIL NAIL SOIL NAIL SOIL NAI (SQUARE FEET)					
39	1,720 *	2	5		
40 2,690*		2	10		
HORIZON	210 LF				

* INCLUDES RETAINING WALL EMBEDMENT

SOIL NAIL RE	ETAINING	WALL	#39
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SET - Y2 - FT.	ELEV. @ Top of Wall	BOW FINISHED GRADE	TOP OF LEVELING PAD	ESTIMATED Wall Embedment ft.	WALL DESIGN HEIGHT "H"
.80	2483.85	2483.85	2482.85	1.00	1.00
.13	2488.58	2484.77	2483.77	1.00	3.81
.29	2490.81	2485.20	2484.20	1.00	5.61
.Ø8	2498.18	2487.38	2486.38	1.00	10.80
.66	2503.58	2491.82	249Ø.82	1.00	11.76
.24	2508.16	2496.38	2495.38	1.00	11.78
.Ø4	2498.77	2498.77	2497.77	1.00	1.00

SOIL NAIL RETAINING WALL #40							
SET - Y2 - FT.	ELEV. @ Top of Wall	BOW FINISHED GRADE	TOP OF LEVELING PAD	ESTIMATED Wall Embedment ft.	WALL DESIGN HEIGHT "H"		
62	2503.46	2503.46	2502.46	1.00	1.00		
. 38	2515.00	2505.60	2504.60	1.00	9.40		
,Ø9	2526.54	2507.61	2506.61	1.00	18.93		
. 72	2527.46	2509.54	2508.54	1.00	17.92		
, 77	2530.92	2512.64	2511.64	1.00	18.28		
54	2520.50	2514.91	2513.91	1.00	5.59		
,76	2515.71	2515.71	2514.71	1.00	1.00		

PROJECT NO.	: <u>A-0009CC</u>

	GRAHAM	COUNTY
RETAINING WALL #39:	-Y2- 14+59, 22' LT TO 16+25,	27' LT
RETAINING WALL #40:	-Y2- 16+75, 29' LT TO 18+70,	33' LT
SHEET 1 O		

NORTH CAROLINA

RETAINING WALL #39 & #40 SOIL NAIL RETAINING WALL

REVISIONS					SHEET	
NO.	BY	DATE	NO.	BY	DATE	NO.
1			3			W39_40-1
2			4			100_40 1

