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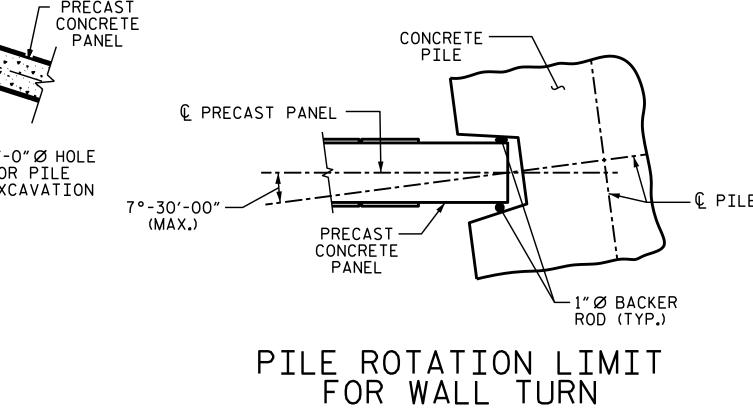
PILE EXCAVATION DEPTHS ``D'']NOTES				
						FOR SOUND BARRIER WALL, SEE SPECIAL PROVISIONS.				
WALL # 4 FROM : STA. 10+00.00 -NW24/25- TO : STA. 49+00.00 -NW24/25-						CONSTRUCT SOUND BARRIER WALL TO LINES AND GRADES SHOWN THE ROADWAY PLANS.				
3'-0" Ø HOLE	PILE SPACING	WALL HEIGHT				PROVIDE PANELS WITH A FLAT BOTTOM.				
		Н <u><</u> 15′	15′ < H <u><</u> 20′	20′ < H <u><</u> 25′	25′ < H <u><</u> 27′	VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE DRILLI				
	10'-0"	10'-0"	12'-0"	13'-0"	16'-0"	HOLES TO ENSURE SUFFICIENT CLEARANCE IS AVAILABLE.				
	15'-0"	11'-0″	13'-0"	16'-0"	19'-0"	ADJUST PILE EXCAVATION ELEVATIONS TO MAINTAIN 6"MINIMUM EMBEDMENT OF THE BOTTOM PANEL.				
	20'-0"	12'-0"	15'-0"	18'-0"	21'-0"	USE CLASS AA FOR PANELS AND CLASS A CONCRETE PILE EXCAVATION				
WALL # 4 FROM : STA. 49+00.00 -NW24/25- T0 : STA. 54+55.00 -NW24/25-					BACKFILL, IN ACCORDANCE WITH ARTICLE 1000-4 OF THE STANDAR SPECIFICATIONS.					
3'-0"Ø HOLE	PILE SPACING	WALL HEIGHT			1	AT THE CONTRACTOR'S OPTION, USE 10'-0", 15'-0", OR 20'-0" PILE SPA STANDARD PRECAST CONCRETE PANELS MAY BE USED WITH THE 10'-0				
		Н <u><</u> 15′	15′ < H <u><</u> 20′	20' < H <u><</u> 25'		15'-O"PILE SPACING.FOR 20'-O"PILE SPACING, PANELS DESIGNED MANUFACTURED BY A THIRD PARTY VENDER SHALL BE USED.				
	10'-0"	8'-0"	10'-0"	11'-0"		FOR SOUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE,				
	15'-0"	9'-0"	11'-0"	13'-0"	1	ROADWAY PLANS.				
	20'-0"	10'-0"	13'-0"	15'-0"]	PLACE 1"Ø BACKER RODS FULL HEIGHT ON EACH SIDE OF THE PRECA PANELS.SET AND SEAL THE BACKER ROD IN PLACE WITH SEALANT TH				
IF: FOR 30"DI	A.HOLES, ADD 1 FT	TO D.				CONFORMS WITH ARTICLE 1028-3 OF THE STANDARD SPECIFICATIONS				

				RCING STEE SSURE = 40 PS				
	PILE	YPE I		PILE TYPE III				
PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	
10'-0"	H ≤ 27′	4 - # 8 EA.FACE	#3 @ 1'-4"CTS.	10'-0"	H ≤ 27′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1′-4″CTS.	
154 0#	H ≤ 20′	4 - *8 EA.FACE	#3 @ 1′-4″CTS.	154 0%	H ≤ 20′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1'-4"CTS.	
15'-0"	20'< H ≤ 27'	4 - #10 EA.FACE	#3 @ 1'-4"CTS.	15'-0"	20'< H ≤ 27'	3 - #11 SHORT FACE 4 - #11 LONG FACE	#3 @ 1'-4"CTS.	
224 24	H ≤ 20'	4 - *9 EA.FACE	#3 @ 1'-4"CTS.	224.2%	H ≤ 20′	3 - *10 SHORT FACE 4 - *10 LONG FACE	#3 @ 1'-4"CTS.	1
20'-0"	20'< H ≤ 27'	4 - #11 EA.FACE	#3 @ 1'-4"CTS.	20'-0"				
	PILE T	YPE II			PILE TYP	PE III ALT.		
PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	
10'-0"	H ≤ 27′	4 - # 6 EA.FACE	*3 @ 1'-4"CTS.	10'-0"	H ≤ 27′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1'-4"CTS.	
154 0#	H ≤ 20′	4 - #6 EA.FACE	#3 @ 1′-4″CTS.	154 0%	H ≤ 20′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1′-4″CTS.	
15'-0"	20′< H ≤ 27′	4 - *7 EA.FACE	#3 @ 1'-4"CTS.	15'-0"	20'< H ≤ 27'	3 - #11 SHORT FACE 4 - #11 LONG FACE	#3 @ 1'-4"CTS.	
20'-0"	H ≤ 20′	4 - #6 EA.FACE	#3 @ 1′-4″CTS.	20'-0"	H ≤ 20′	3 - #10 SHORT FACE	#3 @ 1′-4″CTS.	
20 0	20′< H ≤ 27′	4 - *9 EA.FACE	#3 @ 1'-4"CTS.	20 0	H \$ 20	4 - *10 LONG FACE	*3 W I -4 CTS.	J
	ARCHI	BARRIER WALL TECTURAL SURFACE T	1 REATMENT 1	08,020 S.F. 179,529 S.F. AND ARE		ROJECT NO FORSYTH		YTNL
1"Ø BACKER ROD (TYP.)	TEX	HITECTURAL S TURE OPTION: IN OPTION:	AR STONE VSTAINED	Г	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPOF RALEIGH STANDARD SOUND BARRIER V -NW24/25-			

	020.		SSURE = 40 P				
PILE T	YPE I		PILE TYPE III				
MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	
H ≤ 27′	4 - * 8 EA.FACE	*3 @ 1'-4"CTS.	10'-0"	H ≤ 27′	3 - #9 SHORT FACE 4 - #9 LONG FACE	*3 @ 1'-4"CTS.	
H ≤ 20′	4 - #8 EA.FACE	#3 @ 1′-4″CTS.	154 04	H ≤ 20′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1′-4″CTS.	
20′< H ≤ 27′	4 - #10 EA.FACE	*3 @ 1'-4"CTS.	150.	20′< H ≤ 27′	3 - #11 SHORT FACE 4 - #11 LONG FACE	*3 @ 1'-4"CTS.	
H ≤ 20′	4 - *9 EA.FACE	#3 @ 1′-4″CTS.	201-0"	H ≤ 20′	3 - #10 SHORT FACE 4 - #10 LONG FACE	* 3 @ 1′−4″CTS.	
20′< H ≤ 27′	4 - #11 EA.FACE	#3 @ 1'-4"CTS.	20-0				
PILE T	YPE II			PILE TYP	PE III ALT.		
MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES	
H ≤ 27′	4 - *6 EA.FACE	*3 @ 1'-4"CTS.	10'-0"	H ≤ 27′	3 - #9 SHORT FACE 4 - #9 LONG FACE	*3 @ 1'-4"CTS.	
H ≤ 20′	4 - #6 EA.FACE	#3 @ 1'-4"CTS.	154 0%	H ≤ 20′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 1′-4″CTS.	
20′< H ≤ 27′	4 - #7 EA.FACE	#3 @ 1'-4"CTS.	15-0	20′< H ≤ 27′	3 - #11 SHORT FACE 4 - #11 LONG FACE	*3 @ 1'-4"CTS.	
H ≤ 20′	4 - * 6 EA.FACE	#3 @ 1'-4"CTS.	20'-0"	UL < 201	3 - #10 SHORT FACE 4 - #10 LONG FACE	#3 @ 1′-4″CTS.	
20′< H ≤ 27′	4 - * 9 EA.FACE	#3 @ 1'-4"CTS.	20 0	H \$ 20°		*5 @ I -4 CTS.	
ARCHIT	BARRIER WALL ECTURAL SURFACE TI	1 REATMENT	179,529 S.F.		FORSYTH ATION:70+01	<u>U-2579AB</u> COU .05-Y15FL	
TEXI	TEXTURE OPTION: ASHLAF			SEAL	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATIO RALEIGH STANDARD SOUND BARRIER WALL		
	MAXIMUM WALL HEIGHT (H) $H \le 27'$ $H \le 20'$ $20' < H \le 27'$ $H \le 20'$ $20' < H \le 27'$ PILE T MAXIMUM WALL HEIGHT (H) $H \le 27'$ $H \le 27'$ $H \le 20'$ $20' < H \le 27'$ $H \le 20'$ $20' < H \le 27'$ $H \le 20'$ $20' < H \le 27'$	HEIGHT (H)REINFORCING STEEL $H \le 27'$ $4 - *8 EA.FACE$ $H \le 20'$ $4 - *8 EA.FACE$ $20' < H \le 27'$ $4 - *10 EA.FACE$ $H \le 20'$ $4 - *9 EA.FACE$ $20' < H \le 27'$ $4 - *11 EA.FACE$ $PILE TYPE II$ MAXIMUM WALL HEIGHT (H)VERTICAL REINFORCING STEEL $H \le 27'$ $4 - *6 EA.FACE$ $H \le 27'$ $4 - *6 EA.FACE$ $H \le 20'$ $H = *6 EA.FACE$ $H \le 20'$ $H = *6$	MAXIMUM WALL HEIGHT (H)VERTICAL REINFORCING STEELTIESH $\leq 27'$ 4 - *8 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 20'$ 4 - *8 EA. FACE*3 \otimes 1'-4" CTS.20'< H $\leq 27'$ 4 - *10 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 20'$ 4 - *9 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 20'$ 4 - *9 EA. FACE*3 \otimes 1'-4" CTS.D'< H $\leq 27'$ 4 - *11 EA. FACE*3 \otimes 1'-4" CTS.PILE TYPE IIMAXIMUM WALL HEIGHT (H)VERTICAL REINFORCING STEELTIESH $\leq 27'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 27'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 27'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.H $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 27'$ 4 - *7 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 27'$ 4 - *8 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FACE*3 \otimes 1'-4" CTS.U $\leq 20'$ 4 - *6 EA. FAC	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	

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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
STANDARD			
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Krishna P. Sedai



(ROTATE THE CONCRETE PILE ±7°-30'-00" TO ACCOMMODATE WALL TURN.)

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

ROCK AND/OR BOULDERS ARE EXPECTED ABOVE THE PILE EXCAVATION DEPTH IN THE FOLLOWING AREA:

- FROM 20+00 TO 23+00 AND FROM 35+50 TO 42+00, -NW24/25-.

EA6F794150BF4B7... REVISIONS SHEET NO 4 NO. BY: DATE: DATE: BY: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS

STD. NO. SBW1