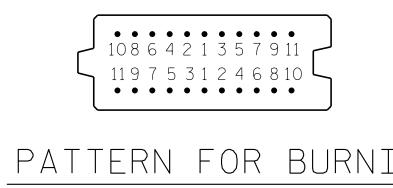


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06-MAR-2020 10:20 \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ bgreen AT SD-298755

		BAR TYPES				BILL OF MATERIAL					
ſ						A3	(TYPIC	AL PILE)			
0.6″ØL.R.GRADE 2	270 STRANDS				BAR	NUMBER	SIZE	TYPE LENC	GTH WEIGHT		
AREA ULTIMATE					S1	19	#4	<u>1</u> <u>5'-</u>			
SIRENGIE				, HK , HK	S5 S6	35	#4 #4	<u> </u>			
(SQUARE INCHES) (LBS.PER STRAT		<u>S1</u> <u>1'-9</u>	1/2"		S7	1	#4	1 4'-			
0.217 58,600	43,950	<u>S5</u> <u>1'-1</u>	11/2"	► ⁴ / ₋		0	+ -	0 71/	10// 07		
		S6 1'-	8″	▶	V2	2	TYPIC	2 31'-: AL PILE)	10″ 67		
		<u>S7</u> <u>1'-</u>	4″	-▶	BAR						
				-	S1	NUMBER 23	SIZE #4	TYPE LENC			
2"CL. +4 S1	2″CL.			Ĺ	S5	40	#4	1 5'-			
				-	<u> </u>	1	#4 #4	1 5'- 1 4'-			
		<u>V1</u> <u>39'-1</u>	○‴ ►	ŀ	51	1	т 4		5 5		
		V2 30'-1	<u>O″</u>		V3	2	#5	2 37'-	-4″ 78		
		V3 36'-4	1″ >			Α5	(TYPIC	AL PILE)			
10 SPA @ 2"		V4 29'-4	↓ ″/		BAR	NUMBER	SIZE	TYPE LENC			
(11 STRANDS)	SEE DETAIL ``C''	V9 34'-1	<u>⊃″</u> ►	-	S1 S5	12 39	#4 #4	1 5'- 1 5'-	_		
2'-6"	····C / /		8 ¹ /2″	F		1	#4	1 5'-			
	A A				S7	1	#4	1 4'-	5″ 3		
SECTION	A - A	2		ŀ		<u> </u>	ш <u>г</u>) 7F/			
				ŀ	V9	2 A6	#5 (TYPIC	2 <u>35'-</u> AL PILE)	10″ 75		
			\checkmark	ŀ	BAR	A O NUMBER	SIZE	TYPE LENC	GTH WEIGHT		
		ALL BAR DIMENSION	ING ARE OUT-	-TO-OUT	S1	NUMBER 16	#4	$\frac{1}{1} = 5' - 1$			
					S5	33	#4	1 5'-			
				-	<u> </u>	1	#4 #4	1 5'- 1 4'-			
2″			$4^{2^{1}/4^{\prime\prime}}$	F	31	L		1 4 -			
			┪───▲	Ĺ	V4	2	#5	2 30'-	-4″ 64		
43/6 "			4"			Α7	(TYPIC	AL PILE)			
				F	BAR	NUMBER	SIZE	TYPE LENC			
			- × × ×	-	S1 S5	9 35	#4 #4	1 5' 1 5'			
				-	S6	1	#4	1 5'-			
43/6 *			4"		S7	1	#4	1 4'-	5″ 3		
<u> </u>			♥	ŀ	V2	2	#5	2 31'-:	10″ 67		
DETAIL ``E			$^{\prime}$	F	V Z	 A8	(TYPIC				
		DEIALL		ŀ	BAR	NUMBER	SIZE	TYPE LENC	GTH WEIGHT		
TONGUE		GROOVE			S1	14	#4	1 5'-			
				-]	S5	44	#4 #4	1 5'-			
		ES FOR ONE		F	<u> </u>	1	#4	1 5'- 1 4'-			
	PILE	EINFORCING 8,000 PS Steel Concret									
		LB. C.Y.	No.		V1	2	#5	2 40'-	10″ 86		
$ \begin{bmatrix} 1086421357911\\ 1197531246810 \end{bmatrix} $	A3 (TYPICAL PILE)	275 4.4	22								
	A4 (TYPICAL PILE)	319 5.2	22								
	A5 (TYPICAL PILE)	273 4.1	22								
TTERN FOR BURNING	A6 (TYPICAL PILE)	254 3.9	22								
	A7 (TYPICAL PILE)	240 3.4	22								
	A8 (TYPICAL PILE)	310 4.7	22								
			l		חח			B-480	<u> </u>		
ĸ					РК		NO				
	NOTES					CA	RTERE	_ (COUNTY		
THE SHEET PILE WIDTH DIMENSIONS	ARE NOMINAL. THESE D	MENSIONS MAY			ст		. 34-	+75.00	_ _		
THE SHEET PILE WIDTH DIMENSIONS BE SHORTENED BY THE MANUFACTURE FIT-UP IN ITS FINAL POSITION.NO	r up iu 72° iu allow 1) changes shall be mai	OR SHEEL MILE)E TO THE			21	AILUN			<u> </u>		
TONGUES OR GROOVES.					SHE	et 7 of 1	.6				
THE WATER/CEMENT RATIO FOR PRES NOT EXCEED 0.40.	STRESSED CONCRETE SHE	ET PILES SHALL					STATE OF	NORTH CAROLINA			
						DEPART		TRANSPOR	TATION		
PRESTRESSED CONCRETE SHEET PILE Corrosion inhibitor in Accordat	NCE WITH THE STANDARD	SPECIFICATIONS,					Н	ALEIGH			
EXCEPT THAT THE INHIBITOR SHALL Per cubic yard.no separate paym			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TH CAROLINI							
OF CALCIUM NITRITE, AS IT IS CO PAY ITEMS.				20FESS/01		CONC	Rete	SHEET	PILE		
				SEAL 037403		RF	TATN	TNG WA			
PRESTRESSED CONCRETE SHEET PILE ASH CLASS F OR A MINIMUM OF 40;	% GROUND GRANULATED B	LAST FURNACE SLAG	B	ENCINEER 2	5	SHEE	I PI	LE DET	AILS		
(GGBFS).ADDITIONALLY,SILICA FUME 5% of the portland cement by we			DocuSigned by:	DON L. GREIN							
PILES. MINERAL ADMIXTURES SHALL RATIO BY WEIGHT. NO PAYMENT WIL	REPLACE THE CEMENT CO	NTENT AT A 1:1	Brandon Green	3/9/202	0		REVISION	S	SHEET NO.		
IS CONSIDERED INCIDENTAL TO THE		USITIOITON, AS II	DOCUMENT NO		ERED NO.	BY:	DATE: NO.	BY: DATE:			
			FINAL U	INLESS ALL S COMPLET	1		3 4		TOTAL SHEETS 24		
							⁵		27		



	BAR TYPES			BILL OF MATERIAL							
				A3	(TYPI	CAL P]	[LE)				
70 STRANDS			BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT			
APPLIED			S1	19	#4	1	5'-4"	68			
PRESTRESS			S5 S6	35	#4		5′-8″ 5′-1″	133			
(LBS.PER STRAND)	S1 1'-91/	<u>√2″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″″</u>	S7	1	#4	1	4'-5"	3			
43,950	S5 1'-11'/										
	<u>S6</u> 1'-8	// >	V2	2	#5	2	31'-10"	67			
	S7 1'-4	<i>II</i>		A4	(TYPI		[LE)	T			
			BAR S1	NUMBER 23	SIZE #4	TYPE 1	LENGTH 5'-4"	WEIGHT 82			
				40	#4	1	5'-8"	152			
► 2″ CL.			S6	1	#4	1	5'-1"	4			
	V1 39'-10'	·/·	S7	1	#4	1	4'-5"	3			
	V2 30'-10		V3	2	#5	2	37'-4"	78			
	V3 36'-4"			A5	(TYPI	CAL PI	[LE)				
	V4 29'-4"		BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT			
SEE DETAIL	V9 34'-10'	//	S1	12	#4	1	5'-4"	43			
DETAIL °C''		81/2"	S5	39	#4	1	5'-8"	148			
			S6 S7	1	#4	1	5'-1" 4'-5"	4			
$\Delta - \Delta$				-		-					
		0-	V 9	2	#5	2	35'-10"	75			
					A6 (TYPICAL PILE)						
	ALL BAR DIMENSIONI	NG ARE OUT-TO-OUT	BAR S1	NUMBER 16	SIZE #4	TYPE 1	LENGTH 5'-4"	WEIGHT 58			
			S5	33	#4	1	5'-4	125			
			S6	1	#4	1	5′-1″	4			
		21/4"	S7	1	#4	1	4'-5"	3			
			V 4	2	#5	2	30'-4"	64			
L L L	_	4		A7	(TYPI						
			BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT			
		4 M	S1	9	#4	1	5'-4"	33			
			S5	35	#4 #4	1	5'-8"	133			
		4 " 1/2 "	S6 S7	1	#4	1	5'-1" 4'-5"	4			
			V2	2	#5 / = \ / = =	2	31'-10"	67			
//	DETAIL	\mathcal{C}		<u> </u>	(TYPI		[LE)	1			
	GROOVE		BAR S1	NUMBER 14	SIZE #4	TYPE 1	LENGTH 5'-4"	WEIGHT 50			
			S5	44	#4	1	5'-8"	167			
QUANTITI	ES FOR ONE	PILE	S6	1	#4	1	5'-1"	4			
PILE	REINFORCING 8,000 PSI	0.6″ØL.R.	S7	1	#4	1	4'-5"	3			
-	STEEL CONCRETE	STRANDS	V1	2	#5	2	40'-10"	86			
	LB. C.Y.	No.	L				1	1			
A3 (TYPICAL PILE)	275 4.4	22									
A4 (TYPICAL PILE)	319 5.2	22									
A5 (TYPICAL PILE)	273 4.1	22									
A6 (TYPICAL PILE)	254 3.9	22									
A7 (TYPICAL PILE)	240 3.4	22									
A8 (TYPICAL PILE)	310 4.7	22				_					
			PF	ROJECT	NO	B-	4863				
OTES						χΕΤ					
ARE NOMINAL. THESE D UP TO 1/2" TO ALLOW	FOR SHEET PILE		ST	ATION	1: <u>3</u> 2	+ (5.)	<u> - 0C</u>				
CHANGES SHALL BE MA	DE TO THE										
RESSED CONCRETE SHE	FT PTIFS SHALL		SHE	ET 7 OF	Оц						
NESSER CONCILLE SHE	LI IILLJ JHALL					F NORTH CAROL		TON			
SHALL CONTAIN CALC				VEMAKI		F TRANS	υσιαι	TON			
CE WITH THE STANDARI BE APPLIED AT A RAT) SPECIFICATIONS,	anninn.									
INT WILL BE MADE FOF	R THE ADDITION	DocuSigned by:									
SIDERED INCIDENTAL	IN THE VAKINUS	CENT	111111			SHE					
SHALL CONTAIN A MI	NIMUM OF 25% FLY	037403		KE Curr		NING	WAL.				
GROUND GRANULATED SHALL BE SUBSTITUTE	BLAST FURNACE SLAG	FRANCINEER		SHEE	TP		DETA	TLD			
GHT IN THE PRESTRES	SED CONCRETE SHEET 6	DocuSigned by:									
BE MADE FOR THIS S	ONTENT AT A 1:1 UBSTITUTION, AS IT	Brandon Grun 3/9/ —2C7028B6BB61448	2020		REVISIO			SHEET NO.			
VARIOUS PAY ITEMS.	n	DOCUMENT NOT CONSI		BY:	DATE: NC		DATE:	W-07 Total sheets			
		FINAL UNLESS AU SIGNATURES COMPL			<u>୍</u>			sheets 24			

39-#4 S5 (A5) 44-#4 S5 (A8) 40-#4 S5 (A4) 35-#4 S5 (A7) 35-#4 S5 (A3) 33-#4 S5 (A6)