

REBAR ESTIMATION COVER SHEET

JOB NUMBER : ---

PROJECT NAME : ---

LOCATION: SARASOTA, FLORIDA

Specification:

As per sheet A-S1.10 THRU A-S4.11 Reinforcement

Addendum:

None

Inclusion:

1. FOUNDATION & DWLS
2. WALL
3. COLUMN
4. SECOND LEVEL BEAMS
5. LEVEL 3 TO 5 BEAMS
6. ROOF BEAMS
7. BALCONY BEAMS

Assumptions :

1. We assumed stoke length as 40'-0"

Notes :

1. Deformed Reinforcing Bar shall be ASTM 615 Grade 60 & ASTM 615 GRADE 60 E, Domestic or Non-Domestic.
2. We are used the lap splice length in all element using general notes.

OVER ALL WEIGHT SUMMARY					TOTAL WEIGHT IN TONS = 242.52				
Project:	---				Sheet No:	a - R0			
Location:	SARASOTA, FLORIDA				Date:				
Material For:	60 BLACK				Revised:				
JobNo:	---				Drawn by:	-			
					Grade:	A615/60, A615/60E			
01.FOUNDATION & DWLS					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#4	-	115.34	-		115.34				
#5	-	23476.1	-		23476.1				
#6	-	31596.95	-		31596.95				
#7	-	31335.88	-		31335.88				
#8	-	25332.96	-		25332.96				
			TOTAL IN LBS		111857.23				
02.WALL					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#4	-	-	-		0				
#5	-	1897.22	-		1897.22				
#6	-	-	-		-				
#7	-	8843.04	-		8843.04				
#8	-	-	-		-				
			TOTAL IN LBS		10740.26				
03.COLUMN					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#3	-	12838.14	-		12838.14				
#4	-	0	-		0				
#5	-	6821.22	-		6821.22				
#6	-	305.66	-		305.66				
#7	-	54532.98	-		54532.98				
#8	-	1967.79	-		1967.79				
			TOTAL IN LBS		76465.79				
04.LEVEL 2 BEAMS					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#3	-	3471.42	-		3471.42				
#4	-	28902.01	-		28902.01				
#5	-	28933.57	-		28933.57				
#6	-	12061.05	-		12061.05				
#7	-	10917.34	-		10917.34				
#8	-	18433.24	-		18433.24				
			TOTAL IN LBS		102718.63				
05.LEVEL 3 TO 5 BEAMS					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#3	-	9418.42	-		9418.42				
#4	-	35210.09	-		35210.09				
#5	-	41497.06	-		41497.06				
#6	-	12583.01	-		12583.01				
#7	-	4648.05	-		4648.05				
#8	-	28323.36	-		28323.36				
			TOTAL IN LBS		131679.99				
06.ROOF BEAMS					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#4	-	3757.5	-		3757.5				
#5	-	19995.78	-		19995.78				
#6	-	12074.96	-		12074.96				
#7	-	2593.72	-		2593.72				
#8	-	8148.41	-		8148.41				
			TOTAL IN LBS		46570.37				
07.BALCONY					TOTAL WEIGHT IN LBS				
BAR SIZE	0 to 20'	0' to 40'	40'						
#3	-	826.64	-		826.64				
#4	-	769.53	-		769.53				
#5	-	3407.72	-		3407.72				
#6	-	-	-		-				
#7	-	-	-		-				
			TOTAL IN LBS		5003.89				
GRAND TOTAL IN LBS					485036.16				
GRAND TOTAL TONS					242.52				
TOTAL WEIGHT OF BARS									
Elements	#3	#4	#5	#6	#7	#8	#9	TOTAL	PAGE NUMBERS
FOUNDATION & DWLS	0	115.34	23476.1	31596.95	31335.88	25332.96	0	111857.23	1 TO 6
WALL	0	0	1897.22	0	0	8843.04	0	10740.26	7 & 8
COLUMN	12838.14	0	6821.22	305.66	54532.98	1967.79	0	76465.79	9 & 10
LEVEL 2 BEAMS	3471.42	28902.01	28933.57	12061.05	10917.34	18433.24	0	102718.63	11 TO 18
LEVEL 3 TO 5 BEAMS	9418.42	35210.09	41497.06	12583.01	4648.05	28323.36	0	131679.99	19 TO 25
ROOF BEAMS	0	3757.5	19995.78	12074.96	2593.72	8148.41	0	46570.37	26 TO 30
BALCONY	826.64	769.53	3407.72	0	0	0	0	5003.89	31 TO 33
GRAND TOTAL IN LBS								485036.16	
GRAND TOTAL TONS								242.52	

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: FOUNDATION & DWLS

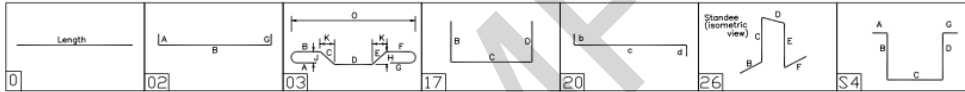
Sheet No: 6 - R0
 Date: - A615/60
 Revised:
 Drawn by:
 Grade:

**SUMMARY PAGE
 WEIGHT SUMMARY**

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#4	29	3.98	115.34	0	0.00	0	29	3.98	115.34	0	0.00	0
#5	2604	25.08	23476.12	1703	10.22	17408.3	30	8.17	245.1	871	6.69	5822.72
#6	3312	37.17	31596.95	1079	9.99	10775.35	288	19.34	5569.42	1945	7.84	15252.18
#7	1740	34.84	31335.88	1056	20.18	21314.83	0	0.00	0	684	14.65	10021.05
#8	732	66.84	25332.96	468	37.69	17638.02	0	0.00	0	264	29.15	7694.94
TOTAL	8417	167.89	111857.25	4306	78.08	67136.5	347	31.49	5929.86	3764	58.32	38790.89

TOTAL NUMBER OF BARS	8417
WEIGHT OF ONE BARS	167.89
TOTAL WEIGHT OF ALL BARS	111857.25 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:

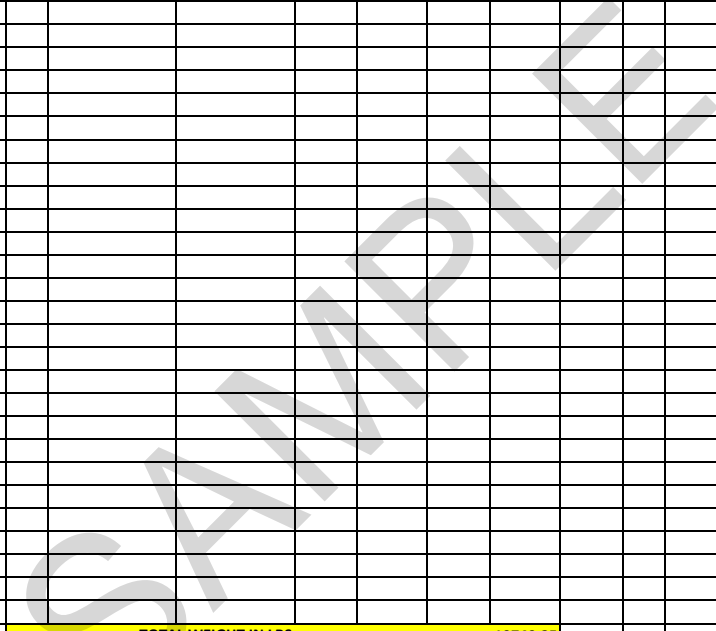


ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: WALL

Sheet No: 7 - R0
 Date: - A615/60
 Revised:
 Drawn by:
 Grade:

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	120	#5	6'-4"	5B01	2	6.61	792.68	0'-10"	5'-6"										
2	24	#5	6'-5"	5B02	2	6.69	160.62	0'-10"	5'-7"										
3	216	#8	15'-4"			40.94	8843.04		15'-4"										
4	72	#5	6'-4"			6.61	475.61		6'-4"										
5	60	#5	6'-3"			6.52	391.13		6'-3"										
6	12	#5	6'-2"			6.43	77.18		6'-2"										



TOTAL WEIGHT IN LBS **10740.25**

LONGEST BAR LENGTH **15'-4"**

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: WALL

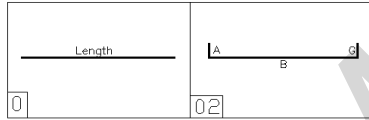
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**SUMMARY PAGE
 WEIGHT SUMMARY**

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#4	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#5	288	13.18	1897.21	144	6.55	943.91	0	0.00	0	144	6.62	953.3
#6	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#7	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#8	216	40.94	8843.04	216	40.94	8843.04	0	0.00	0	0	0.00	0
TOTAL	504	54.12	10740.25	360	47.49	9786.95	0	0.00	0	144	6.62	953.3

TOTAL NUMBER OF BARS	504
WEIGHT OF ONE BARS	54.12
TOTAL WEIGHT OF ALL BARS	10740.25 LBS
LONGEST BAR LENGTH	15'-4"

SHAPE USED:



SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: COLUMN

Sheet No: 9 -
 Date:
 Revised: R0
 Drawn by: -
 Grade: A615/60

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	4174	#3	3'-8"	3C01	T1	1.38	5754.55	0'-4"	1'-1"	0'-5"	1'-1"	0'-5"		0'-4"	0'-2 1/2"				
2	912	#3	3'-8"	3C02	T2	1.38	1257.34	0'-4"	1'-1"	0'-5"	1'-1"	0'-5"		0'-4"					
3	4080	#3	3'-8"	3C03	T1	1.38	5624.96	0'-4"	0'-9"	0'-9"	0'-9"	0'-9"		0'-4"	0'-2 1/2"				
4	17	#3	3'-6 3/4"	3C04	T7	1.34	22.77	0'-2 1/4"	1'-4 1/4"	0'-7"	1'-1 1/4"	1'-1 1/4"		0'-4"	0'-6 1/2"		0'-2 3/4"		
5	17	#3	3'-2 3/4"	3C05	T7	1.21	20.64	0'-4"	0'-11"	0'-4 1/4"	0'-11"	0'-4 1/2"		0'-4"	0'-9 3/4"				
6	70	#3	4'-0"	3C06	T1	1.5	105.28	0'-4"	1'-1"	0'-7"	1'-1"	0'-7"		0'-4"	0'-2 1/2"				
7	17	#3	4'-1 1/2"	3C07	T1	1.55	26.37	0'-4"	0'-4 1/2"	1'-3 3/4"	0'-4 1/2"	1'-4 3/4"		0'-4"	0'-2 1/2"				
8	17	#3	4'-1 1/4"	3C08	T1	1.54	26.23	0'-4"	0'-4 1/2"	1'-4 1/2"	0'-4 1/2"	1'-3 3/4"		0'-4"	0'-2 1/2"				
9	180	#5	10'-10"	5C01	2	11.3	2033.85	0'-10"	10'-0"										
10	6	#6	11'-7"	6C01	2	17.4	104.39	1'-0"	10'-7"										
11	924	#7	14'-8 1/4"	7C01	31	30.02	27739.64	4'-8"	1'-0 1/4"	9'-0"				0'-2 3/4"		0'-11 3/4"	14'-8"		
12	326	#7	14'-10 1/4"	7C02	31	30.36	9897.98	4'-3"	1'-0 1/4"	9'-7"				0'-2 3/4"		1'-0"	14'-10"		
13	422	#7	11'-9"	7C03	2	24.02	10135.17	1'-2"	10'-7"										
14	12	#7	11'-2"	7C04	2	22.82	273.9	1'-2"	10'-0"										
15	280	#7	11'-4"	7C05	2	23.17	6486.29	1'-2"	10'-2"										
16	48	#8	15'-4 1/4"	8C01	31	41	1967.79	4'-9"	1'-0 1/4"	9'-7"				0'-3"		1'-0"	15'-4"		
17	360	#5	12'-9"			13.3	4787.37	12'-9"											
18	12	#6	6'-8"			10.01	120.16	6'-8"											
19	4	#6	13'-6"			20.28	81.11	13'-6"											
							TOTAL WEIGHT IN LBS	76465.79											
							LONGEST BAR LENGTH	15'-4 1/4"											

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: COLUMN 1ST TO ROOF

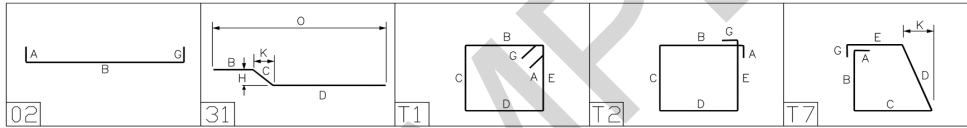
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SUMMARY PAGE
WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#3	9304	1.38	12838.14	0	0.00	0	9304	1.38	12838.14	0	0.00	0
#4	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#5	540	24.60	6821.22	360	13.30	4787.37	0	0	0	180	11.30	2033.85
#6	22	29.98	305.66	16	12.58	201.27	0	0	0	6	17.40	104.39
#7	1964	27.77	54532.98	0	0.00	0	0	0	0	1964	27.77	54532.98
#8	48	41.00	1967.79	0	0.00	0	0	0	0	48	41.00	1967.79
TOTAL	11878	124.72	76465.79	376	25.88	4988.64	9304	1.38	12838.14	2198	97.46	58639.01

TOTAL NUMBER OF BARS	11878
WEIGHT OF ONE BARS	124.72
TOTAL WEIGHT OF ALL BARS	76465.79 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:



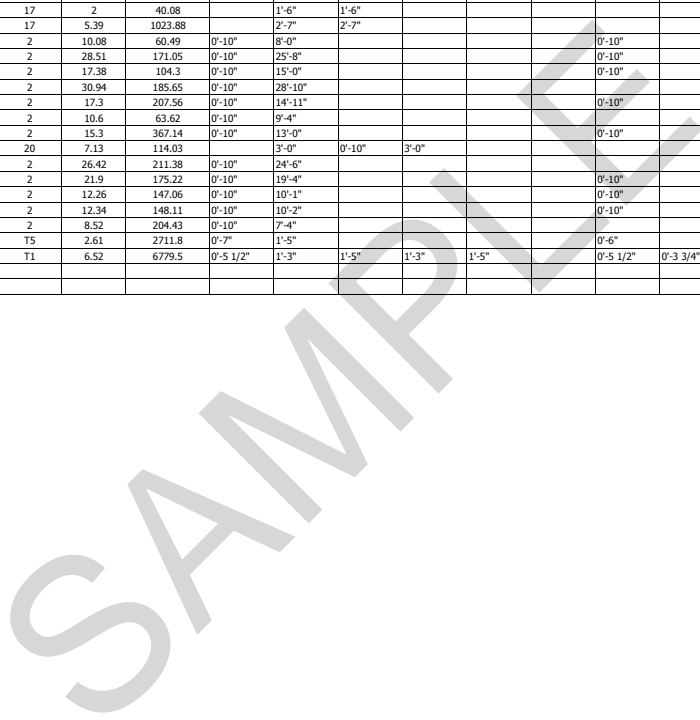
SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL-2 DETAILS

Sheet No: 11 - R0
 Date: - A615/60
 Revised:
 Drawn by:
 Grade:

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	954	#3	3'-6"	3D01	T1	1.32	1255.46	0'-4"	0'-5"	1'-0"	0'-5"	1'-0"		0'-4"	0'-2 1/2"				
2	1373	#3	3'-10"	3D02	T1	1.44	1978.95	0'-4"	0'-5"	1'-2"	0'-5"	1'-2"		0'-4"	0'-2 1/2"				
3	36	#3	4'-9"	3D03	T1	1.79	64.3	0'-4"	0'-5"	1'-4"	1'-4"	1'-0"		0'-4"	0'-2 1/2"				
4	42	#3	3'-0"	3D04	T1	1.13	47.38	0'-4"	0'-5"	0'-9"	0'-5"	0'-9"		0'-4"	0'-2 1/2"				
5	80	#3	4'-2"	3D05	T1	1.57	125.33	0'-4"	0'-9"	1'-0"	0'-9"	1'-0"		0'-4"	0'-2 1/2"				
6	352	#4	2'-8"	4D01	2	1.78	627.03	0'-8"	2'-0"										
7	1439	#4	2'-2"	4D02	2	1.45	2082.71	0'-8"	1'-6"										
8	10	#4	1'-6"	4D03	2	1	10.02	0'-8"	0'-10"										
9	30	#4	7'-8"	4D04	2	5.12	153.64	0'-8"	7'-0"										
10	445	#4	2'-0"	4D05	2	1.34	594.52	0'-8"	1'-4"										
11	1304	#4	8'-5"	4D07	T1	5.62	7331.52	0'-4 1/2"	0'-5"	3'-5"	0'-5"	3'-5"		0'-4 1/2"	0'-3"				
12	60	#4	3'-9"	4D08	T1	2.51	150.3	0'-4 1/2"	0'-9"	0'-9"	0'-9"	0'-9"		0'-4 1/2"	0'-3"				
13	197	#4	3'-5"	4D09	T1	2.28	449.62	0'-4 1/2"	0'-7"	0'-9"	0'-7"	0'-9"		0'-4 1/2"	0'-3"				
14	180	#4	4'-5"	4D10	T1	2.95	531.06	0'-4 1/2"	0'-9"	1'-1"	0'-9"	1'-1"		0'-4 1/2"	0'-3"				
15	912	#4	4'-1"	4D11	T1	2.73	2487.63	0'-4 1/2"	0'-7"	1'-1"	0'-7"	1'-1"		0'-4 1/2"	0'-3"				
16	30	#4	9'-5"	4D12	T1	6.29	188.71	0'-4 1/2"	0'-7"	3'-9"	0'-7"	3'-9"		0'-4 1/2"	0'-3"				
17	15	#4	9'-1"	4D13	T1	6.07	91.02	0'-4 1/2"	0'-5"	3'-9"	0'-5"	3'-9"		0'-4 1/2"	0'-3"				
18	8	#4	2'-5"	4D14	17	1.61	12.91		0'-4"	0'-7"	1'-6"								
19	10	#4	2'-7"	4D15	17	1.73	17.26		0'-8"	0'-5"	1'-6"								
20	20	#4	3'-0"	4D16	17	2	40.08		1'-6"	1'-6"									
21	190	#5	5'-2"	5D01	17	5.39	1023.88		2'-7"	2'-7"									
22	6	#5	9'-8"	5D02	2	10.08	60.49	0'-10"	8'-0"						0'-10"				
23	6	#5	27'-4"	5D03	2	28.51	171.05	0'-10"	0'-10"	25'-8"					0'-10"				
24	6	#5	16'-8"	5D04	2	17.38	104.3	0'-10"	15'-0"						0'-10"				
25	6	#5	29'-8"	5D05	2	30.94	185.65	0'-10"	28'-10"										
26	12	#5	16'-2"	5D06	2	17.3	207.56	0'-10"	14'-11"						0'-10"				
27	6	#5	10'-2"	5D07	2	10.6	63.62	0'-10"	9'-4"										
28	24	#5	14'-8"	5D08	2	15.3	367.14	0'-10"	13'-0"						0'-10"				
29	16	#5	6'-10"	5D09	20	7.13	114.03		3'-0"	0'-10"	3'-0"								
30	8	#5	25'-4"	5D10	2	26.42	211.38	0'-10"	24'-6"										
31	8	#5	21'-0"	5D11	2	21.9	175.22	0'-10"	19'-4"						0'-10"				
32	12	#5	11'-9"	5D12	2	12.26	147.06	0'-10"	10'-1"						0'-10"				
33	12	#5	11'-10"	5D13	2	12.34	148.11	0'-10"	10'-2"						0'-10"				
34	24	#5	8'-2"	5D14	2	8.52	204.43	0'-10"	7'-4"										
35	1040	#5	2'-6"	5D15	TS	2.61	2711.8	0'-7"	1'-5"						0'-6"			0'-5"	
36	1040	#5	6'-3"	5D16	T1	6.52	6779.5	0'-5 1/2"	1'-3"	1'-5"	1'-3"	1'-5"		0'-5 1/2"	0'-3 3/4"				



ESTIMATION

Project: THE STRAND
 Location: SARASOTA,FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL-2 DETAILS

Sheet No: 12 - R0
 Date: - A615/60
 Revised:
 Drawn by:
 Grade:

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	1040	#5	6'-3"	5D17	T1	6.52	6779.5	0'-5 1/2"	0'-9"	1'-11"	0'-9"	1'-11"		0'-5 1/2"	0'-3 3/4"				
2		#5	19'-2"	5D18	2	19.99	39.98	0'-10"	17'-6"					0'-10"					
3		#5	21'-4"	5D19	2	22.25	44.5	0'-10"	20'-6"										
4		#5	13'-8"	5D20	2	14.25	114.03	0'-10"	12'-0"					0'-10"					
5		#5	16'-0"	5D21	2	16.69	133.5	0'-10"	15'-2"										
6		#5	4'-3"	5D22	2	4.43	8.87	0'-10"	3'-5"										
7		#5	33'-1"	5D23	2	34.51	138.02	0'-10"	31'-5"					0'-10"					
8		#5	21'-2"	5D24	2	22.08	88.31	0'-10"	19'-6"					0'-10"					
9		#5	18'-8"	5D25	2	19.47	38.94	0'-10"	17'-0"					0'-10"					
10	180	#6	10'-4"	6D01	2	15.52	2793.72	1'-0"	9'-4"										
11	256	#6	7'-9"	6D02	2	11.64	2979.97	1'-0"	6'-9"										
12	270	#6	7'-7"	6D03	2	11.39	3075.34	1'-0"	6'-7"										
13	8	#6	11'-4"	6D04	2	17.02	136.18	1'-0"	9'-4"					1'-0"					
14	104	#6	5'-10"	6D05	2	8.76	911.21	1'-0"	4'-10"										
15	24	#7	22'-10"	7D01	2	46.67	1120.11	1'-2"	21'-8"										
16	8	#7	26'-8"	7D02	2	54.51	436.05	1'-2"	24'-4"					1'-2"					
17	6	#7	11'-11"	7D03	2	24.36	146.15	1'-2"	9'-7"					1'-2"					
18	24	#7	11'-9"	7D04	2	24.02	576.41	1'-2"	9'-5"					1'-2"					
19	4	#7	20'-2"	7D05	2	41.22	164.88	1'-2"	19'-0"										
20	2	#7	20'-1"	7D06	2	41.05	82.1	1'-2"	18'-11"										
21	96	#7	6'-7"	7D07	2	13.46	1291.81	1'-2"	5'-5"										
22	2	#8	15'-3"	8D01	2	40.72	81.44	1'-4"	13'-11"										
23	48	#8	26'-4"	8D02	2	70.31	3374.88	1'-4"	23'-8"					1'-4"					
24	78	#8	12'-1"	8D03	2	32.26	2516.48	1'-4"	9'-5"					1'-4"					
25	6	#8	20'-10"	8D04	2	55.62	333.75	1'-4"	19'-6"										
26	130	#6	2'-11"			4.38	569.51	2'-11"											
27	9	#5	30'-0"			31.29	281.61	30'-0"											
28	9	#5	40'-0"			41.72	375.48	40'-0"											
29	54	#5	3'-0"			3.13	168.97	3'-0"											
30	6	#4	14'-11"			9.96	59.79	14'-11"											
31	15	#5	14'-11"			15.56	233.37	14'-11"											
32	6	#4	25'-7"			17.09	102.54	25'-7"											
33	7	#4	8'-5"			5.62	39.36	8'-5"											
34	30	#4	4'-8"			3.12	93.52	4'-8"											
35	3	#4	25'-8"			17.15	51.44	25'-8"											
36	1	#4	17'-0"			11.36	11.36	17'-0"											

SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL-2 DETAILS

Sheet No: 13 - R0
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 Grade:

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	2	#5	17'-0"			17.73	35.46		17'-0"										
2	12	#4	11'-0"			7.35	88.18		11'-0"										
3	8	#5	21'-3"			22.16	177.31		21'-3"										
4	6	#5	9'-4"			9.73	58.41		9'-4"										
5	6	#7	6'-10"			13.97	83.8		6'-10"										
6	6	#5	13'-4"			13.91	83.44		13'-4"										
7	8	#5	19'-4"			20.16	161.32		19'-4"										
8	12	#5	10'-1"			10.52	126.2		10'-1"										
9	12	#5	10'-2"			10.6	127.25		10'-2"										
10	6	#4	7'-8"			5.12	30.73		7'-8"										
11	12	#5	18'-7"			19.38	232.59		18'-7"										
12	24	#5	7'-4"			7.65	183.57		7'-4"										
13	76	#4	40'-0"			26.72	2030.72		40'-0"										
14	18	#5	13'-0"			13.56	244.06		13'-0"										
15	12	#5	25'-7"			26.68	320.2		25'-7"										
16	226	#4	2'-0"			1.34	301.94		2'-0"										
17	36	#5	4'-8"			4.87	175.22		4'-8"										
18	42	#5	8'-0"			8.34	350.45		8'-0"										
19	1308	#4	1'-6"			1	1310.62		1'-6"										
20	38	#5	3'-5"			3.56	135.42		3'-5"										
21	24	#7	18'-4"			37.47	899.36		18'-4"										
22	62	#5	6'-6"			6.78	420.33		6'-6"										
23	62	#5	9'-6"			9.91	614.33		9'-6"										
24	2	#5	20'-6"			21.38	42.76		20'-6"										
25	72	#6	4'-4"			6.51	468.62		4'-4"										
26	76	#4	1'-4"			0.89	67.69		1'-4"										
27	16	#5	1'-8"			1.74	27.81		1'-8"										
28	2	#5	1'-4"			1.39	2.78		1'-4"										
29	2	#7	18'-11"			38.67	77.33		18'-11"										
30	2	#4	24'-3"			16.2	32.4		24'-3"										
31	20	#5	2'-11"			3.04	60.84		2'-11"										
32	120	#4	17'-8"			11.8	1416.16		17'-8"										
33	72	#6	9'-4"			14.02	1009.34		9'-4"										
34	72	#7	24'-4"			49.74	3581.09		24'-4"										
35	26	#4	22'-0"			14.7	382.1		22'-0"										
36	16	#5	6'-9"			7.04	112.64		6'-9"										

SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL 2 BEAM & SOG

Sheet No: 16 - R0
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 Drawn by:
 Grade:

SUMMARY PAGE
WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#3	2485	1.40	3471.42	0	0.00	0	2485	1.40	3471.42	0	0.00	0
#4	7474	11.04	27930.75	2462	5.35	13162.71	2698	4.16	11229.86	2314	1.53	3538.18
#5	4373	25.54	28933.57	885	10.03	8872.7	3120	5.22	16270.8	368	10.30	3790.07
#6	1098	19.83	12061.05	280	7.73	2164.63	0	0.00	0	818	12.10	9896.42
#7	341	63.39	10917.34	177	40.11	7099.83	0	0.00	0	164	23.28	3817.51
#8	368	98.89	18433.24	234	51.82	12126.69	0	0.00	0	134	47.06	6306.55
TOTAL	16139	220.08	101747.37	4038	115.04	43426.56	8303	10.77	30972.08	3798	94.27	27348.73

TOTAL NUMBER OF BARS	16139
WEIGHT OF ONE BARS	220.08
TOTAL WEIGHT OF ALL BARS	101747.37 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:



ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL 2 BEAM & SOG

Sheet No: 18 - R0
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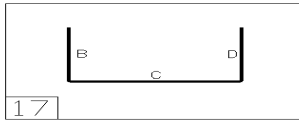
SUMMARY PAGE

WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#4	319	15.50	971.26	36	13.82	497.65	0	0.00	0	283	1.67	473.61
TOTAL	319	15.50	971.26	36	13.82	497.65	0	0.00	0	283	1.67	473.61

TOTAL NUMBER OF BARS	319
WEIGHT OF ONE BARS	15.50
TOTAL WEIGHT OF ALL BARS	971.26 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:



SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL 3 TO 5 BEAMS

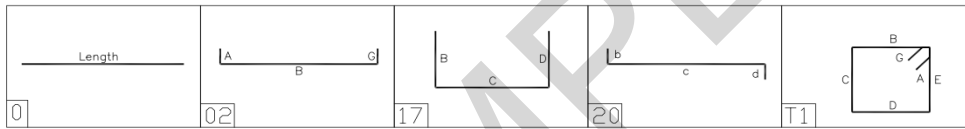
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SUMMARY PAGE
WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#3	6435	1.46	9418.42	0	0.00	0	6435	1.46	9418.42	0	0.00	0
#4	12129	10.16	31920.22	1371	5.51	7548.57	2568	4.66	11957.2	8190	0.00	12414.45
#5	3093	26.81	41497.06	1827	13.48	24621.32	0	0.00	0	1266	13.33	16875.74
#6	1518	16.38	12583.01	654	7.48	4892.77	0	0.00	0	864	8.90	7690.24
#7	180	65.78	4648.05	168	24.73	4155.45	0	0.00	0	12	41.05	492.6
#8	432	133.50	28323.36	288	63.19	18198.72	0	0.00	0	144	70.31	10124.64
TOTAL	23787	254.10	128390.12	4308	114.39	59416.83	9003	6.12	21375.62	10476	133.59	47597.67

TOTAL NUMBER OF BARS	23787
WEIGHT OF ONE BARS	254.10
TOTAL WEIGHT OF ALL BARS	128390.12 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:



SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL 3 TO LEVEL 5 BEAMS - EPOXY

Sheet No: 24 - R0
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Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	918	#4	2'-6"	4F03	17	1.67	1533.06		0'-6"	0'-6"	1'-6"								
2	54	#4	2'-7"	4F12	17	1.73	93.19		0'-8"	0'-5"	1'-6"								
3	6	#4	22'-3"			14.86	89.18		22'-3"										
4	6	#4	3'-5"			2.28	13.69		3'-5"										
5	6	#4	16'-10"			11.24	67.47		16'-10"										
6	6	#4	25'-0"			16.7	100.2		25'-0"										
7	6	#4	23'-5"			15.64	93.85		23'-5"										
8	30	#4	21'-5"			14.31	429.19		21'-5"										
9	18	#4	22'-0"			14.7	264.53		22'-0"										
10	12	#4	23'-7"			15.75	189.04		23'-7"										
11	6	#4	40'-0"			26.72	160.32		40'-0"										
12	6	#4	21'-1"			14.08	84.5		21'-1"										
13	6	#4	23'-9"			15.87	95.19		23'-9"										
14	12	#4	3'-9"			2.51	30.06		3'-9"										
15	6	#4	11'-6"			7.68	46.09		11'-6"										
							TOTAL WEIGHT IN LBS	3289.56											
							LONGEST BAR LENGTH	40'-0"											

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: LEVEL 3 TO 5 BEAMS - EPOXY

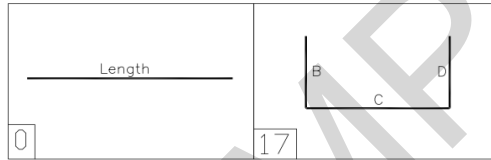
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**SUMMARY PAGE
 WEIGHT SUMMARY**

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#4	1098	1.67	3289.57	126	0.00	1663.32	0	0.00	0	972	1.67	1626.25
#5	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#6	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#7	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
#8	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
TOTAL	1098	1.67	3289.57	126	0.00	1663.32	0	0.00	0	972	1.67	1626.25

TOTAL NUMBER OF BARS	1098
WEIGHT OF ONE BARS	1.67
TOTAL WEIGHT OF ALL BARS	3289.57 LBS
LONGEST BAR LENGTH	40'

SHAPE USED:



SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: ROOF BEAM DETAILS

Sheet No: 26 - R0
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 Grade:

Item	No.Pcs	Size	Length	Mark	Type	Weight of one bars	Weight of All bars	A	B	C	D	E	F	G	H	J	K	O	R
1	420	#3	3'-4"	3J01	T1	1.25	526.4	0'-4"	0'-5"	0'-11"	0'-5"	0'-11"		0'-4"	0'-2 1/2"				
2	1634	#3	4'-4"	3J02	T1	1.63	2662.33	0'-4"	0'-5"	1'-5"	0'-5"	1'-5"		0'-4"	0'-2 1/2"				
3	24	#3	4'-0"	3J03	T1	1.5	36.1	0'-4"	0'-9"	0'-11"	0'-9"	0'-11"		0'-4"	0'-2 1/2"				
4	230	#3	3'-0"	3J04	T1	1.13	259.44	0'-4"	0'-7"	0'-7"	0'-7"	0'-7"		0'-4"	0'-2 1/2"				
5	104	#3	5'-10"	3J05	T1	2.19	228.11	0'-4"	0'-5"	2'-2"	0'-5"	2'-2"		0'-4"	0'-2 1/2"				
6	45	#3	2'-8"	3J06	T1	1	45.12	0'-4"	0'-5"	0'-7"	0'-5"	0'-7"		0'-4"	0'-2 1/2"				
7	1225	#4	2'-2"	4J01	2	1.45	1772.98	0'-8"	1'-6"										
8	4	#4	6'-5"	4J02	20	4.29	17.15	2'-8"	1'-1"	2'-8"									
9	16	#4	2'-6"	4J03	17	1.67	26.72	1'-0"	1'-6"										
10	7	#4	4'-2"	4J04	17	2.78	19.48	2'-1"	2'-1"										
11	8	#4	4'-6"	4J05	17	3.01	24.05	2'-1"	2'-5"										
12	6	#4	6'-11"	4J06	17	4.62	27.72	4'-9"	2'-2"										
13	3	#4	5'-2"	4J07	17	3.45	10.35	3'-1"	2'-1"										
14	654	#4	3'-0"	4J08	17	2	1310.62	1'-0"	2'-0"										
15	600	#4	7'-3"	4J09	T1	4.84	2905.8	0'-4 1/2"	0'-5"	2'-10"	0'-5"	2'-10"		0'-4 1/2"	0'-3"				
16	236	#5	5'-2"	5J01	17	5.39	1271.76	2'-7"	2'-7"										
17	24	#5	11'-1"	5J02	2	11.56	277.44	0'-10"	10'-3"										
18	4	#5	13'-7"	5J03	2	14.17	56.67	0'-10"	11'-11"						0'-10"				
19	16	#5	7'-9"	5J04	20	8.08	129.33	3'-4"	1'-1"	3'-4"									
20	4	#5	17'-5"	5J05	2	18.17	72.66	0'-10"	15'-9"						0'-10"				
21	4	#5	2'-11"	5J06	2	3.04	12.17	0'-10"	2'-1"										
22	4	#5	4'-8"	5J07	17	4.87	19.47	2'-1"	2'-7"										
23	32	#5	5'-0"	5J08	17	5.21	166.88	2'-5"	2'-7"										
24	48	#5	20'-2"	5J09	2	21.03	1009.62	0'-10"	19'-4"										
25	24	#5	6'-3"	5J10	2	6.52	156.45	0'-10"	4'-7"						0'-10"				
26	24	#5	6'-4"	5J11	17	6.61	158.54	2'-2"	4'-2"										
27	4	#5	2'-7"	5J12	2	2.69	10.78	0'-10"	1'-9"										
28	4	#5	4'-8"	5J13	17	4.87	19.47	1'-7"	3'-1"										
29	2	#5	17'-7"	5J14	2	18.34	36.68	0'-10"	15'-11"						0'-10"				
30	2	#5	3'-11"	5J15	2	4.09	8.17	0'-10"	3'-1"										
31	2	#5	5'-8"	5J16	17	5.91	11.82	3'-1"	2'-7"										
32	4	#5	33'-1"	5J17	2	34.51	138.02	0'-10"	31'-5"						0'-10"				
33	12	#5	18'-4"	5J18	2	19.12	229.46	0'-10"	17'-6"										
34	4	#5	21'-2"	5J19	2	22.08	88.31	0'-10"	19'-6"						0'-10"				
35	6	#5	5'-2"	5J20	2	5.39	32.33	0'-10"	3'-6"						0'-10"				
36	6	#5	10'-7"	5J21	2	11.04	66.23	0'-10"	8'-11"						0'-10"				

ESTIMATION

Project: THE STRAND
 Location: SARASOTA, FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: ROOF BEAM DETAILS

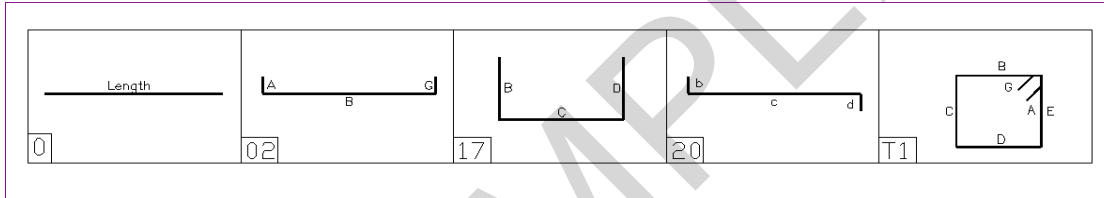
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SUMMARY PAGE
WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#3	2457	1.53	3757.5	0	0.00	0	2457	1.53	3757.5	0	0.00	0
#4	4332	14.19	19995.78	1809	7.67	13880.91	600	4.84	2905.8	1923	1.67	3209.07
#5	1000	26.47	12074.96	326	16.56	5398.56	0	0	0	674	9.91	6676.4
#6	206	6.88	2593.72	72	0.00	1671.24	0	0	0	134	6.88	922.48
#7	154	92.62	8148.41	150	53.27	7991.02	0	0	0	4	39.35	157.39
TOTAL	8149	141.69	46570.37	2357	77.51	28941.73	3057	6.37	6663.3	2735	57.81	10965.34

TOTAL NUMBER OF BARS	8149
WEIGHT OF ONE BARS	141.69
TOTAL WEIGHT OF ALL BARS	46570.37 LBS
LONGEST BAR LENGTH	40'-0"

SHAPE USED:



SAMPLE

ESTIMATION

Project: THE STRAND
 Location: SARASOTA,FLORIDA
 Material For: 60 BLACK
 JobNo: ---
 MemberTitle: BALCANY BEAM DETAILS

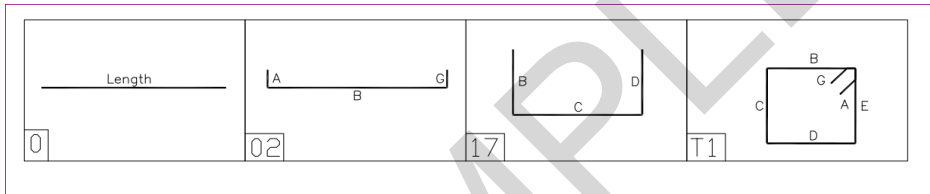
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SUMMARY PAGE
 WEIGHT SUMMARY

TOTAL (STRAIGHT + LIGHT + HEAVY)				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR	ITEMS	WEIGHT OF ONE BAR	WEIGHT OF ALL BAR
#3	432	7.49	826.64	36	5.94	213.95	396	1.55	612.69	0	0.00	0
#4	578	2.60	769.53	233	1.14	266.19	0	0.00	0	345	1.46	503.34
#5	423	16.08	3407.72	209	6.81	1423.24	0	0	0	214	9.27	1984.48
TOTAL	1433	26.17	5003.89	478	13.90	1903.38	396	1.55	612.69	559	10.73	2487.82

TOTAL NUMBER OF BARS	1433
WEIGHT OF ONE BARS	26.17
TOTAL WEIGHT OF ALL BARS	5003.89 LBS
LONGEST BAR LENGTH	20'-4"

SHAPE USED:



SAMPLE