

CARTILLA DE ACERO - SOPLADORES									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				#3	#4	#5			
①		8.50	9.00	14			15625 Kg	196.8 Kg	
②		6.50	7.00	24			15625 Kg	262.5 Kg	
③		8.50	9.00	18			1 Kg	162 Kg	
④		5.50	6.00	12			15625 Kg	112.5 Kg	
⑤		2.50	3.00	12		36	1 Kg	36 Kg	
⑥		4.30	4.80	52			24.96	15625 Kg	390 Kg
⑥A		3.75	4.25	16			68	15625 Kg	106.2 Kg
⑦		0.22	1.08	334	360.7		0.5625 Kg	202.9 Kg	
⑧		0.08	0.39	990	351		0.5625 Kg	197.4 Kg	
⑨		0.10	0.73	116	84.6		0.5625 Kg	47.6 Kg	
⑩		0.10	1.68	116	194.8		0.5625 Kg	109.5 Kg	
⑪		0.10	1.20	288	345.6		0.5625 Kg	194.4 Kg	
⑫		0.10	0.50	74	37		0.5625 Kg	20.8 Kg	
⑬		0.10	0.98	432	423.3		0.5625 Kg	238.1 Kg	
⑭		0.10	1.58	30	47.4		0.5625 Kg	26.6 Kg	
⑮		0.08	0.34	60	20.4		0.5625 Kg	11.4 Kg	
⑯		0.10	AEREA	DIAMETRO VARILLAS (mm)		ESPACIAMIENTO VARILLAS (cms)	PESO MALLA Kg / m2	PESO MALLA Kgs.	
				LONG. TRANS.	LONG. TRANS.				
			124.8	7.50	7.50	15	4.71 Kg	588.1 Kg	
TOTAL PESO ACERO REFUERZO								2902.8 Kg	

CARTILLA DE ACERO - SUBSTACIÓN ELECTRICA									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				#3	#4	#5			
①		8.25	24			204	15625 Kg	318.7 Kg	
②		4.50	24			114	15625 Kg	178.1 Kg	
③		5.30	48			278.4	15625 Kg	4.35 Kg	
④		4.65	32			164.8	15625 Kg	257.5 Kg	
⑤		3.30	16			60.8	15625 Kg	95 Kg	
⑥		0.22	1.08	342	369.3		0.5625 Kg	196.8 Kg	
⑦		0.08	0.39	684	266.7		0.5625 Kg	150 Kg	
⑧		0.10	1.20	238	285.6		0.5625 Kg	160.6 Kg	
⑨		0.10	1.08	382	412.5		0.5625 Kg	232 Kg	
⑩		0.10	AEREA	DIAMETRO VARILLAS (mm)		ESPACIAMIENTO VARILLAS (cms)	PESO MALLA Kg / m2	PESO MALLA Kgs.	
				LONG. TRANS.	LONG. TRANS.				
			14.35	7.50	7.50	15	4.71 Kg	676.2 Kg	
TOTAL PESO ACERO REFUERZO								2699.9 Kg	

CARTILLA DE ACERO - DECANTER									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				#3	#4	#5			
①		7.65	20			158	15625 Kg	246.8 Kg	
②		6.75	20			140	15625 Kg	218.7 Kg	
③		5.05	20			111	15625 Kg	173.4 Kg	
④		4.95	10			54.5	15625 Kg	85.1 Kg	
⑤		3.90	10			44	15625 Kg	68.7 Kg	
⑥		6.25	50			337.5	15625 Kg	527.3 Kg	
⑦		0.40	180	4.95	891		0.5625 Kg	501.1 Kg	
⑧		0.41	61	4.95	301.9		0.5625 Kg	169.8 Kg	
⑨		0.10	AEREA	DIAMETRO VARILLAS (mm)		ESPACIAMIENTO VARILLAS (cms)	PESO MALLA Kg / m2	PESO MALLA Kgs.	
				LONG. TRANS.	LONG. TRANS.				
			198.1	7.50	7.50	15	4.71 Kg	933.4 Kg	
TOTAL PESO ACERO REFUERZO								2924.3 Kg	

CARTILLA DE ACERO - EDIFICIO ADMINISTRATIVO									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				#3	#4	#5			
①		4.30	24			109.2	15625 Kg	170.6 Kg	
②		7.50	24			180	15625 Kg	281.2 Kg	
③		7.25	24			180	15625 Kg	281.2 Kg	
④		6.60	74			525.4	15625 Kg	820.9 Kg	
⑤		7.30	8			62.4	15625 Kg	97.5 Kg	
⑥		5.40	8			47.2	15625 Kg	73.7 Kg	
⑦		5.20	8			45.6	15625 Kg	71.2 Kg	
⑧		4.80	4			21.2	15625 Kg	33.1 Kg	
⑨		1.40	190			15.2	15625 Kg	23.7 Kg	
⑩		3.20	32			118.4	15625 Kg	185 Kg	
⑪		4.40	32			156.8	15625 Kg	245 Kg	
⑫		0.32	128	4.16	532.4		0.5625 Kg	299.5 Kg	
⑬		0.08	0.39	832	324.4		0.5625 Kg	182.5 Kg	
⑭		0.30	120	10.08	1212		0.5625 Kg	681.7 Kg	
⑮		0.32	128	5.19	664.3		0.5625 Kg	373.6 Kg	
⑯		0.33	0.53	519	275		0.5625 Kg	154.7 Kg	
⑰		0.32	1.08	75	81		0.5625 Kg	45.5 Kg	
⑱		0.15	2.15	115	247.2		1 Kg	247.2 Kg	
⑲		0.15	9.60	20	192		0.5625 Kg	108 Kg	
⑳		6.50	6.80	16	108.8		0.5625 Kg	61.2 Kg	
㉑		0.19	0.72	120	86.4		0.5625 Kg	48.6 Kg	
㉒		6.55	6.85	4	27.4		0.5625 Kg	15.4 Kg	
㉓		0.09	0.19	201	38.1		0.5625 Kg	21.4 Kg	
㉔		0.15	1.85	14	25.9		0.5625 Kg	14.5 Kg	
㉕		0.10	AEREA	DIAMETRO VARILLAS (mm)		ESPACIAMIENTO VARILLAS (cms)	PESO MALLA Kg / m2	PESO MALLA Kgs.	
				LONG. TRANS.	LONG. TRANS.				
			360.2	7.50	7.50	15	4.71 Kg	1696.9 Kg	
TOTAL PESO ACERO REFUERZO								6233.8 Kg	

CARTILLA DE ACERO - PORTERIA									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				#3	#4	#5			
①		8.50	0.80	25		20	15625 Kg	31.2 Kg	
②		2.70	2.90	7		20.3	15625 Kg	31.7 Kg	
③		2.80	3.00	6		18	15625 Kg	28.1 Kg	
④		3.00	3.20	6		19.2	15625 Kg	30 Kg	
⑤		2.90	3.20	8	25.6		0.5625 Kg	14.4 Kg	
⑥		1.70	2.00	12	24		0.5625 Kg	13.5 Kg	
⑦		0.12	0.48	65	31.2		0.5625 Kg	17.5 Kg	
⑧		3.15	3.15	4	12.6		0.5625 Kg	7 Kg	
⑨		0.03	0.13	34	4.4		0.5625 Kg	2.4 Kg	
⑩		0.10	AEREA	DIAMETRO VARILLAS (mm)		ESPACIAMIENTO VARILLAS (cms)	PESO MALLA Kg / m2	PESO MALLA Kgs.	
				LONG. TRANS.	LONG. TRANS.				
			19.2	7.50	7.50	15	4.71 Kg	90.5 Kg	
TOTAL PESO ACERO REFUERZO								266.3 Kg	

CARTILLA DE DESPIECES GRAFILES									
#	FORMAS	LONGITUD DE CORTE	CANT.	LONG. TOTAL EN MTS.			PESO UNITARIO	PESO TOTAL	
				3mm	4mm				
⑪		1.11	1		111		0.099 Kg	10.9 kg	
⑫		0.11	142		15.6		0.099 Kg	1.5 kg	
TOTAL PESO ACERO REFUERZO								12.4 kg	