

Monday, Jul. 02, 2007

**TABLERO PRINCIPAL - Panel Schedule**

CT#	Load Description	OCPD			Conductors			Raceway	Voltage	Load kVA	Load per Phase(A)			Voltage Drop %
		Type	Poles	Rated	Current	Neutral	Ground				Phase A	Phase B	Phase C	
1/3/5	TABLERO MATADERO	Std	3	250A	(12) 1/0 ga.	(16) 1/0 ga.	(4) 4 ga.	41 mm RMC	240	88.22	251.9	251.9	251.9	0.59%
2/4/6	TABLERO BOMBAS	Std	3	225A	(6) 1/0 ga.	(4) 1/0 ga.	(2) 4 ga.	41 mm RMC	240	76.54	191.7	191.7	191.7	0.42%
7/9/11	TABLERO CALD.	Std	3	300A	(12) 2/0 ga.	(20) 2/0 ga.	(4) 4 ga.	53 mm PVC-A	240	97.26	261.1	261.1	261.1	0.14%
8/10/12	TABLERO DESHUESE	Std	3	150A	(6) 1/0 ga.	(4) 1/0 ga.	(2) 6 ga.	41 mm PVC-A	240	63.08	137.4	137.4	137.4	0.34%
13/15	OFICINAS CENTRALES	Std	2	25A	(2) 2 ga.	(1) 2 ga.	(1) 10 ga.	27 mm RMC	240	6.78	29.1	29.1		0.98%
14/16	TABLERO COMPUTO	Std	2	30A	(2) 1/0 ga.	(1) 1/0 ga.	(1) 10 ga.	35 mm RMC	240	7.2	31.6	31.6		0.93%
17/19	TABLERO OF. SUR	Std	2	110A	(4) 250 ga.	(4) 250 ga.	(2) 6 ga.	53 mm RMC	240	16.11	68.7		68.7	0.49%
18														
20														
21/23	TABLERO OF. EXT.	Std	2	200A	(2) 250 ga.	(1) 250 ga.	(1) 6 ga.	53 mm RMC	240	47.77		207.8	207.8	1.13%
22														
24														
25														
26														
27														
28														
29														
30														

Total Circuits 20

Connected Loads: 402,960 VA

971 A 1110.1 A 1118.1 A

Panel Voltage: 120 / 240

Panel Circuit Quatity: 30 with Neutral and Ground Bars

Capacity of Current Buss: 1200 A

Panel OCPD Size: 1000A OCPD Type: Std

**3-Phase Connection**

Voltage Drop % for 20 Meters is 0.59%	Current	Neutral	Ground
Raceway: (5 sets) - 78 mm dia. RMC	(15) 400 kcmils THHN	(5) 400 kcmils THHN	(1) 2/0 ga. THHN