

SB-A/B PANEL SCHEDULE												
TAG/LABEL:		SB-A/B		MAIN RATING		1200A		MAIN OC PROTECTION		1200A		
LOCATION:		ELEC. ROOM 006		CABINET TYPE		BOTTOM FEED		SYSTEM VOLTAGE		208Y/120 VAC		
FED FROM:		PSEG SERVICE TRANSFORMER		KAIC RATING:		100k		SYSTEM CONFIGURATION		3Ø4W		
POLE NO	TRIP AMPS	DESCRIPTION		kVA	A	B	C	kVA	DESCRIPTION		TRIP AMPS	POLE NO
1	60	HP02A		4.08	14.74			10.65	LP-E		150	2
3				4.08		14.74		10.65				4
5				4.08			14.74					10.65
7	60	HP02B		6.84	32.68			25.84	RP-E		350	8
9				6.84		32.68		25.84				10
11				6.84			32.68	25.84				12
13	80			6.84	10.93			4.09	DOAS		150	14
15				6.84		10.93		4.09				16
17				6.84			10.93	4.09				18
19	60	HP0		4.83	9.66			4.83	HP01A		80	20
21				4.83		9.66		4.83				22
23				4.83			9.66	4.83				24
25					10.65			10.65	HP01B			26
27						10.65		10.65				28
29							10.65	10.65				30
31					0.00							32
33						0.00						34
35							0.00					36
37					31.75			31.75	MP-E		350	38
39								31.75				40
41								31.75				42
PER PHASE KVA:				110.42	78.66	78.66						
PER PHASE AMPERES:				920.13	655.52	655.52						
TOTAL CONNECTED KVA:				267.74								

RP0 PANEL SCHEDULE											
TAG/LABEL: RP0		MAIN RATING 100A		MAIN OC PROTECTION 60A							
LOCATION: ELEC. ROOM 006		CABINET TYPE SURFACE		SYSTEM VOLTAGE 208Y/120 VAC							
FED FROM: ATS-RP		KAIC RATING: 65K		SYSTEM CONFIGURATION 3Ø4W							
POLE NO	TRIP AMPS	DESCRIPTION	KVA	A	B	C	KVA	DESCRIPTION	TRIP AMPS	POLE NO	
1	20	Receptacles	1.80	3.06			1.26	Receptacles (012)	20	2	
3	20	Receptacles (006)	0.72		1.08		0.36	Receptacles (005)	20	4	
5	20	Receptacles (004)	1.08			2.16	1.08	Receptacles (001)	20	6	
7	20	Receptacles (008)	0.90	1.80			0.90	Receptacles (002)	20	8	
9	20	Receptacles (007)	1.08		1.26		0.18	Receptacles	20	10	
11	20	Receptacles	1.44			1.44				12	
13	20	Receptacles (002)	0.90	0.90						14	
15										16	
17										18	
19										20	
21										22	
23										24	
PER PHASE KVA:			5.76	2.34	3.60						
PER PHASE AMPERES:			48.00	19.50	30.00						
TOTAL CONNECTED KVA:			11.70								

LP-E PANEL SCHEDULE														
TAG/LABEL:		LP-E		MAIN RATING		200A		MAIN OC PROTECTION		MLO				
LOCATION:		ELEC. ROOM 006		CABINET TYPE		SURFACE		SYSTEM VOLTAGE		208Y/120 VAC				
FED FROM:		ATS-LP		KAIC RATING:		65K		SYSTEM CONFIGURATION		3Ø4W				
POLE NO	TRIP AMPS	DESCRIPTION			kVA	A	B	C	kVA	DESCRIPTION	TRIP AMPS	POLE NO		
1	60	PANEL LP0			2.43	4.78			2.35	PANEL LP1	60	2		
3					2.43		4.78		2.35			4		
5					2.43			4.78				2.35	6	
7	60	PANEL LP2			2.17	5.87			3.70	ELEVATOR SWITCH ADJACENT TO ELV-P1	40	8		
9					2.17		5.87		3.70			10		
11					2.17			5.87	3.70			12		
13	15									ELV-P1	40	14		
15	15											16		
17	15											18		
19	15											20		
21	15											22		
23	15											24		
PER PHASE KVA:					10.65	10.65	10.65							
PER PHASE AMPERES:					88.79	88.79	88.79							
TOTAL CONNECTED KVA:					31.96									

LP0 PANEL SCHEDULE											
TAG/LABEL: LP0		MAIN RATING 100A		MAIN OC PROTECTION 60A							
LOCATION: ELEC. ROOM 006		CABINET TYPE SURFACE		SYSTEM VOLTAGE 208Y/120 VAC							
FED FROM: ATS-LP		KAIC RATING: 65K		SYSTEM CONFIGURATION 3Ø4W							
POLE NO	TRIP AMPS	DESCRIPTION	KVA	A	B	C	KVA	DESCRIPTION	TRIP AMPS	POLE NO	
1	20	LIGHTING (006)	0.07	0.52			0.44	LIGHTING (007,008)	20	2	
3	20	LIGHTING (015)	0.09		0.23		0.14	LIGHTING (004)	20	4	
5	20	LIGHTING (001, 012, 011)	0.45			0.84	0.38	LIGHTING (002)	20	6	
7	20	LIGHTING (008)	0.02	0.92			0.90	EXTERIOR LIGHTING JB	20	8	
9	20	LIGHTING (003,005)	0.29		1.19		0.90			10	
11	20	EXTERIOR LIGHTING JB	0.90			1.80	0.90	MISC.	20	12	
13			0.90	1.80			0.90			14	
15										16	
17										18	
19										20	
21										22	
23										24	
PER PHASE KVA:			3.2	1.4	2.6						
PER PHASE AMPERES:			27.0	11.8	22.0						
TOTAL CONNECTED KVA:			7.3								

MP0 PANEL SCHEDULE											
TAG/LABEL: MP0		MAIN RATING 100A		MAIN OC PROTECTION 100A							
LOCATION: ELEC. ROOM 006		CABINET TYPE SURFACE		SYSTEM VOLTAGE 208Y/120 VAC							
FED FROM: ATS-MP		KAIC RATING: 65K		SYSTEM CONFIGURATION 3Ø4W							
POLE NO	TRIP AMPS	DESCRIPTION	KVA	A	B	C	KVA	DESCRIPTION	TRIP AMPS	POLE NO	
1	20	HVAC	0.62	2.12			1.50	POU WATER WATER HEATER (011)	20	2	
3			0.62		2.12		1.50			4	
5			1.50			3.00	1.50			6	
7	20	POU WATER WATER HEATER	1.50	3.00			1.50	POU WATER WATER HEATER (012)	20	8	
9	20	SPRINKLER ROOM	1.92		1.92					10	
11			1.92			1.92				12	
13			1.92	1.92						14	
15										16	
17										18	
19										20	
21										22	
23										24	
PER PHASE KVA:			7.04	4.04	4.92						
PER PHASE AMPERES:			58.63	33.63	41.00						
TOTAL CONNECTED KVA:			15.99								

MP-E PANEL SCHEDULE											
TAG/LABEL: MP-E		MAIN RATING 150		MAIN OC PROTECTION 150A							
LOCATION: ELEC. ROOM 006		CABINET TYPE SURFACE		SYSTEM VOLTAGE 208Y/120 VAC							
FED FROM: ATS-MP		KAIC RATING: 65K		SYSTEM CONFIGURATION 3Ø4W							
POLE NO	TRIP AMPS	DESCRIPTION	kVA	A	B	C	kVA	DESCRIPTION	TRIP AMPS	POLE NO	
1	30	PANEL MP0	2.42	4.74			2.32	PANEL MP1	25	2	
3			2.42		4.74		2.32			4	
5			2.42			4.74	2.32			6	
7	25	PANEL MP2	2.15	5.85			3.70		40	8	
9			2.15		5.85		3.70			10	
11			2.15			5.85	3.70			12	
13	15									14	
15	15									16	
17	15									18	
19	15									20	
21	15									22	
23	15									24	
PER PHASE KVA:			10.58	10.58	10.58						
PER PHASE AMPERES:			88.20	88.20	88.20						
TOTAL CONNECTED KVA:			31.75								