

PANELBOARD SCHEDULE - "8L1"																											
MAIN: 400 MCB		VOLTAGE: 480/277			PHASE: 3	WIRE: 4	MOUNTING: SURFACE				AIC: 42,000	BUS BARS: COPPER															
CKT #	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)				LOAD (KVA)				DESCRIPTION		COND WIRE SIZE	POLE	BKR	CKT #								
1	20	1	12	3/4"	LIGHTING - GYM	3.4							0.2								20	2					
3	20	1	12	3/4"	LIGHTING - GYM	3.4							0.3								20	4					
5	20	1	12	3/4"	LIGHTING - LOCK/KITCH PLAT	1.7											3.0				20	6					
7	20	1	12	3/4"	SPARE												3.0				20	8					
9	20	1	12	3/4"	LIGHTING CONTACTOR INT				0.2												15	10					
11	20	1	12	3/4"	LIGHTING CONTACTOR EXT				0.2												15	12					
13	20	1	12	3/4"	SPARE	0.0	0.0	0.0	0.0	1.2											20	14					
15	200	3	3/0	2"	T-8 PANEL "8P1"	0.0	0.8	0.0	0.0	0.5											20	16					
17	20	1	12	3/4"	SPARE	0.0	0.0	0.0	0.0	0.2											20	18					
19	20	1	12	3/4"	SPARE													2.2		2.4	20	20					
21	40	3	8	3/4"	HP-1														2.2	2.4	AHU-3	1"	6	3	50	22	
23	40	3	8	3/4"	HP-1														2.2	2.4	AHU-3	1"	6	3	50	24	
25	20	1	12	3/4"	SPARE	4.2				10.0										1.7			3/4"	12	3	15	26
27	60	3	4	1 1/4"	AHU-1															4.2			3/4"	12	3	15	28
29	20	1	12	3/4"	SPARE	4.2				10.0										1.7			3/4"	12	3	15	30
31	40	3	8	3/4"	HP-2															8.9			3/4"	10	3	25	32
33	40	3	8	3/4"	HP-2															8.9			3/4"	10	3	25	34
35	20	1	12	3/4"	SPARE	4.2				10.0										1.7			3/4"	12	3	15	36
37	60	3	4	1 1/4"	AHU-2															4.2			3/4"	12	3	15	38
39	60	3	4	1 1/4"	AHU-2															4.2			3/4"	12	3	15	40
41	60	3	4	1 1/4"	AHU-2															4.2			3/4"	12	3	15	42
43	20	1	12	3/4"	SPARE																	3/4"	12	1	20	44	
45	20	1	12	3/4"	SPARE																	3/4"	12	1	20	46	
47	20	1	12	3/4"	SPARE																	3/4"	12	1	20	48	
49	20	1	12	3/4"	SPARE																					50	
51	20	1	12	3/4"	SPARE																					52	
53	20	1	12	3/4"	SPARE																					54	
55	20	1	12	3/4"	SPARE																					56	
57	20	1	12	3/4"	SPARE																					58	
59	20	1	12	3/4"	SPARE																					60	
LIGHTING (KVA)		0.0			9.0										CONNECTED LOAD (KVA)		225.9										
RECEPTACLES (KVA)		8.0			8.5										DEMAND LOAD (KVA)		238.2										
MOTORS (KVA)		7.2			7.2										CONNECTED LOAD (AMPS)		271.7										
A/C (KVA)		0.0			0.0										DEMAND LOAD (AMPS)		286.6										
HEATING (KVA)		0.0			0.0										CONNECTED LOAD (AMPS)		271.7										
KITCHEN (KVA)		4.5			4.5										DEMAND LOAD (AMPS)		286.6										
MISCELLANEOUS (KVA)		46.4			46.4										CONNECTED LOAD (AMPS)		271.7										
MISCELLANEOUS (KVA)		46.4			46.4										DEMAND LOAD (AMPS)		286.6										

PANELBOARD SCHEDULE - "TRANSFORMER T-8"																										
MAIN: 200		VOLTAGE: 480/277			PHASE: 3	WIRE: 4	MOUNTING: SURFACE				AIC: 22,000	BUS BARS: COPPER														
CKT #	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)				LOAD (KVA)				DESCRIPTION		COND WIRE SIZE	POLE	BKR	CKT #							
1						0.0	2.4	2.4	0.0	0.0	2.0	18.9														2
3	200	3	3/0	2"	PANEL 8P1	0.0	2.6	2.4	0.0	0.0	1.5	18.9														4
5						0.0	3.0	2.4	0.0	0.0	1.0	10.6														6
7																										8
9																										10
11																										12
LIGHTING (KVA)		0.0			8.0										CONNECTED LOAD (KVA)		66.1									
RECEPTACLES (KVA)		8.0			8.0										DEMAND LOAD (KVA)		64.5									
MOTORS (KVA)		7.2			7.2										CONNECTED LOAD (AMPS)		79.5									
A/C (KVA)		0.0			0.0										DEMAND LOAD (AMPS)		77.6									
HEATING (KVA)		0.0			0.0										CONNECTED LOAD (AMPS)		77.6									
KITCHEN (KVA)		4.5			4.5										DEMAND LOAD (AMPS)		77.6									
MISCELLANEOUS (KVA)		46.4			46.4										CONNECTED LOAD (AMPS)		77.6									
MISCELLANEOUS (KVA)		46.4			46.4										DEMAND LOAD (AMPS)		77.6									

PANELBOARD SCHEDULE - "8P1"																										
MAIN: 400 MCB		VOLTAGE: 208/120			PHASE: 3	WIRE: 4	MOUNTING: SURFACE				AIC: 22,000	BUS BARS: COPPER														
CKT #	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)				LOAD (KVA)				DESCRIPTION		COND WIRE SIZE	POLE	BKR	CKT #							
1	30	2	10	3/4"	MOBILE SHOWER	2.8				2.8											1"	6	2	50	2	
3						2.8				2.8															4	
5						7.2				7.2															6	
7	100	3	3	1 1/4"	FLOOR MACHINE	7.2				7.2			0.8									3/4"	12	1	20	8
9						7.2				7.2			0.8									3/4"	12	1	20	10
11	20	1	12	3/4"	EXHAUST FANS	0.5				0.5												3/4"	12	1	20	12
13	30	2	10	3/4"	DRYER	2.2				2.2												3/4"	12	1	20	14
15	20	1	12	3/4"	WASHING MACHINE	2.3				2.3			1.0									3/4"	12	1	20	16
17	20	1	12	3/4"	FREEZER	1.0				1.0			1.0									3/4"	12	1	20	18
19	20	1	12	3/4"	REFRIGERATOR	1.0				1.0			0.8									3/4"	12	1	20	20
21	20	1	12	3/4"	REFRIGERATOR	1.0				1.0			0.5									3/4"	12	1	20	22
23	20	1	12	3/4"	REFRIGERATOR	1.0				1.0			0.5									3/4"	12	1	20	24
25	20	1	12	3/4"	ICE MACHINE	1.0				1.0			0.8									3/4"	12	1	20	26
27	20	1	12	3/4"	AIR CURTAIN	0.5				0.5			1.2									3/4"	12	1	20	28
29	20	1	12	3/4"	RECEPT - KITCHEN	0.2				0.2												3/4"	12	1	20	30
31	20	1	12	3/4"	RECEPT - KITCHEN	0.6				0.6												3/4"	12	1	20	32
33	20	1	12	3/4"	RECEPT - KITCHEN	0.8				0.8												3/4"	12	1	20	34
35	20	1	12	3/4"	RECEPT - EXTERIOR	1.0				1.0												3/4"	12	1	20	36
37	20	1	12	3/4"	RECECULATION PUMP					0.1												3/4"	12	1	20	38
39	20	1	12	3/4"	ELEC STRIKE DOORS					0.3												3/4"	12	1	20	40
41	20	1	12	3/4"	FACP					0.3												3/4"	12	1	20	42
43	20	1	12	3/4"	GOAL MOTOR					1.2												3/4"	12	1	20	44
45	20	1	12	3/4"	GO																					