

PANEL SCHEDULE						
PANEL ID : HV1A		LOCATION : ELEC. RM. 1 FLR.				
TYPE : 225A MLO						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 480/277V-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 14000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	20/3P	AHU-9	719	A 3000	LIGHTING	20/1P 2
3		1.5 HP	719	B 500	STAIR LTG.	20/1P 4
5			719	C 500	STAIR LTG.	20/1P 6
7	20/3P	AHU-8	719	A 850	LIGHTING	20/1P 8
9		1.5 HP	719	B 2100	LIGHTING	20/1P 10
11			719	C 2100	LIGHTING	20/1P 12
13	60/3P	DECTRON	10400	A 1800	LIGHTING	20/1P 14
15		AHU-11	10400	B	SPARE	20/1P 16
17			10400	C	SPARE	20/1P 18
19	20/3P	CONDENSER	775	A	SPARE	20/1P 20
21			775	B	SPARE	20/1P 22
23			775	C	SPARE	20/1P 24
25	20/1P	SITE LIGHTING	2500	A 1440	LTG. POOL AREA	20/1P 26
27	20/1P	SITE LIGHTING	2650	B 1260	LTG. POOL AREA	20/1P 28
29		SPACE		C 1440	LTG. POOL AREA	20/1P 30
31		SPACE		A 3100	30 KVA XFMR	50/3P 32
33		SPACE		B 4000	LV2A	34
35		SPACE		C 2600		36
37		SPACE		A 10270	45 KVA XFMR	70/3P 38
39		SPACE		B 9130	LV1A	40
41		SPACE		C 10700		42

CONNECTED LOAD CONNECTED KVA = 10273.9 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 121 DESIGN AMPS =
 35528 32386 32823

PANEL SCHEDULE						
PANEL ID : HV1B		LOCATION : 1 ST. FLOOR MECH. RM.				
TYPE : 225 AMP SHUNT-TRIP						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 480/277V-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 14000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	20/3P	PU-1 POOL	3050	A 500	BOILER 1 HP	20/3P 2
3		FILTER PUMP	3050	B 500		4
5		7.5 HP	3050	C 500		6
7	20/3P	PU-2 POOL	390	A 500	WATER HEATER	20/3P 8
9		HTG. PUMP	390	B 500	1 HP	10
11		0.75 HP	390	C 500		12
13	20/3P	PU-3 CHLORINE	390	A 5810	PU-8 15 HP	30/3P 14
15		BOOSTER PUMP	390	B 5810	COND. PUMP	16
17		0.75 HP	390	C 5810		18
19	20/3P	PU-5 WHIRLPOOL	390	A 5810	PU-9 15 HP	30/3P 20
21		FILTER PUMP	950	B 5810	CH. WTR. PUMP	22
23		2 HP	950	C 5810		24
25	20/3P	PU-6 WHIRLPOOL	2100	A 3043	PU-10 7.5 HP	20/3P 26
27		JET PUMP	2100	B 3043	HTG. WTR. PUMP	28
29		5 HP	2100	C 3043		30
31	20/3P	PU-7 WHIRLPOOL	390	A 2100	PU-6 WHIRLPOOL	20/3P 32
33		CHLOR. BOOSTER	390	B 2100	JET PUMP	34
35		0.75 HP	390	C 2100	5 HP	36
37		SPACE		A 950	WHIRLPOOL	20/3P 38
39		SPACE		B 950	BLOWER	40
41		SPACE		C 950	2 HP	42

CONNECTED LOAD CONNECTED KVA = 7794.9 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 93.9 DESIGN AMPS =
 25983 25983 25983

PANEL SCHEDULE						
PANEL ID : MDP		LOCATION : ELEC. RM. 1 FLR.				
TYPE : 800A MLO						
PANEL SPECIFICATION : 800A MAINS						
VOLTAGE : 480/277V-3-4W						
NUMBER OF CIRCUITS : 18						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 14000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	125/3P	HV1A	35528	A 40000	CHILLER	300/3P 2
3			32386	B 40000		4
5			32823	C 40000		6
7	200/3P	HV1C	50120	A 39255	HV2A	200/3P 8
9			50120	B 37900		10
11			50120	C 42470		12
13	200/3P	HV1B	25983	A	SPACE	14
15			25983	B		16
17			25983	C		18

CONNECTED LOAD CONNECTED KVA = 5484.73 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 685 DESIGN AMPS =
 140886 186391 191396

PANEL SCHEDULE						
PANEL ID : LV1B		LOCATION : 1ST. FLOOR ELEC. RM.				
TYPE : 150A MCB						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 120/208-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 10000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	20/1P	RECEP.	1000	A 4800	SAUNA	50/3P 2
3	20/1P	RECEP.	1000	B 4800		4
5	20/1P	RECEP.	1000	C 4800		6
7	20/1P	RECEP.	1000	A 4800	SAUNA	50/3P 8
9	20/1P	RECEP.	1000	B 4800		10
11	20/1P	RECEP.	1000	C 4800		12
13	20/1P	RECEP.	1000	A		14
15	20/1P	RECEP.	1000	B		16
17	20/1P	RECEP.	1000	C		18
19	20/1P	RECEP.	1000	A		20
21	20/1P	RECEP.	1000	B		22
23	20/1P	RECEP.	1000	C		24
25				A		26
27				B		28
29				C		30
31				A		32
33				B		34
35				C		36
37				A		38
39				B		40
41				C		42

CONNECTED LOAD CONNECTED KVA = 40800 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 113 DESIGN AMPS =
 13600 13600 13600

PANEL SCHEDULE						
PANEL ID : HV1C		LOCATION : ELEC. RM. 1 FLR.				
TYPE : 225A MLO						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 480/277V-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 14000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	50/3P	CLG. TWR 7 KW HTR.	5430	A 720	AHU-5 WT. RM.	20/3P 2
3		5 HP	5430	B 720	1.5 HP	4
5			5430	C 720		6
7	20/3P	POOL HEATER	1000	A 950	AHU-3 OFFICE	20/3P 8
9		POOL EQUIP.	1000	B 950	2 HP	10
11			1000	C 950		12
13	30/3P	STEAM HTR.	6000	A 6000	SPA HEATER	30/3P 14
15		MEN	6000	B 6000		16
17			6000	C 6000		18
19	30/3P	STEAM HTR.	6000	A	SPARE	20/1P 20
21		WOMEN	6000	B	SPARE	20/1P 22
23			6000	C	SPARE	20/1P 24
25				A	SPARE	20/1P 26
27				B	SPARE	20/1P 28
29				C	SPARE	20/1P 30
31	70/3P	45 KVA XFMR	36000	A 9420	ELEVATOR 20 HP	50/3P 32
33		PANEL LV1B	36000	B 9420		34
35			36000	C 9420		36
37	20/3P	UNIT HTR.	1000	A	SPARE	30/3P 38
39		POOL EQUIP.	1000	B		40
41			1000	C		42

CONNECTED LOAD CONNECTED KVA = 150360 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 181 DESIGN AMPS =
 10120 50120 50120

PANEL SCHEDULE						
PANEL ID : HV2A		LOCATION : 2ND FLOOR MECH. RM.				
TYPE : 225A MLO						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 480/277V-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 14000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	20/3P	AHU-10	720	A 9420	AHU-6 GYM	50/3P 2
3		1.5 HP	720	B 9420	20 HP	4
5			720	C 9420		6
7	20/3P	AHU-2 OFFICE	950	A 1395	LIGHTING	20/1P 8
9		2 HP	950	B 2790	LIGHTING	20/1P 10
11			950	C 2790	LIGHTING	20/1P 12
13	30/3P	AHU-4	5820	A 1700	LIGHTING	20/1P 14
15		15 HP	5820	B 1800	LIGHTING	20/1P 16
17			5820	C 3400	LIGHTING	20/1P 18
19	20/3P	AIR COMPRESSOR	1200	A 1200	LIGHTING	20/1P 20
21		3 HP	1200	B 750	LTG. CANOPY	20/1P 22
23			1200	C 3720	LTG. RAC. BALL	20/1P 24
25	20/3P	AHU-7 RAC. BAL	3050	A 3720	LTG. RAC. BALL	20/1P 26
27		7.5 HP	3050	B 3720	LTG. RAC. BALL	20/1P 28
29			3050	C 3720	LTG. RAC. BALL	20/1P 30
31	30/3P	AHU-1	3800	A 2400	LIGHTING	20/1P 32
33		10 HP	3800	B	SPARE	34
35			3800	C		36
37	20/3P	EF-5	3880	A		38
39			3880	B		40
41			3880	C		42

CONNECTED LOAD CONNECTED KVA = 119425 DESIGN LOAD, KVA =
 A0 B0 C0 CONNECTED AMPS = 144 DESIGN AMPS =
 39255 37900 42470

LIGHTING FIXTURE SCHEDULE							
TYPE	MFGR.	CATALOG NUMBER	MOUNTING STYLE	TYPE LAMP	NO.	WATTAGE VOLTAGE	REMARKS
1	DAYBRITE	LGA 2225-16A22	RECESS. 2X2 PARAB U-TUBE	F40 CW/U/WM	2	86 277V	
2	DAYBRITE	40411W-CO	SURFACE 8' STRIP	F40 CW/RS/WM	4	172 277V	
3	OMEGA	C5014TW	RECESS DN LT	150W R40	1	150 120V	THERM CUTOUT
4	ABOLITE	AM-277-18MSAL-181	SURFACE 30W LT	400 W MET HAL	1	465 277V	SEE NOTE #1
5	DAYBRITE	45242-4-277V	SURFACE STAIR LT	F40 CW/RS/WM	2	86 277V	
6	OMEGA	B7563TW-277V	RECESS CANOPY LT	250 W MET HAL	1	280 277V	
7	DAYBRITE	LGA2225-16A22-277	RECESS 2X2 PARAB U-TUBE	F40 CW/U/WM	2	86 277V	W/ LENS OVERLAY
8	GUARDIAN	RBP-513	RECESS RAC. BALL	400 W MET. HAL	1	465 277V	
9	CHLORIDE	CEL-277V	SURFACE EMERG. LT	AS REQ'D		277V	
10	DAYBRITE	LFA424-32A24-277	RECESS 2X4 PARAB	F40 CW/RS/WM	4	172 277V	FLANGE MOUNT
11	DAYBRITE	RA40MH-ARA10C DL 2x2	RECESS 2X2	400 W MET. HAL	1	465 277V	
12	HYDREL	4423-3LV	RECESS POOL LT	300 W 12V PAR56	1	300 12V	W/12V TRANSF.
13	CAPRI	R75-IC-SH12 LENS	RECESS SHWR. LT	40W A19	1	40 120V	
14	NEORAY	76/4-579-10	MIRROR LT	F40 CW/RS/WM	4	165 277V	
15	DAYBRITE	LGA424-32A24	RECESS 2X4 PARAB	F40 CW/RS/WM	4	172 277V	
16	DAYBRITE	R41241	SURFACE VAPOR PRF	F40 CW/RS/WM	2	86 277V	
17	CHLORIDE	SERIES DB W/EM BATT EXIT	AS REQ'D			277V	ARROWS AS REQ'D
18	DAYBRITE	LFA2225-16A22	FLANGE 2X2 PARAB U-TUBE	F40 CW/RS/WM	2	86 277V	
19	STERBERG	965-P	SITE LIGHT	175 W MERCURY VAPOR	1	210 277V	3608-P POST
20	STERBERG	915	ENTRY LIGHT	100W MAX.		100 120V	
21	OMEGA	C5051-TW-F-00	CANOPY LIGHT	100 W MERCURY VAPOR	1	135 277V	
22	DAYBRITE	RA25MH-ARA10C DL 2x2	RECESS 2x2	250 W MET HAL	1	240 277V	

NOTE:
 1. WITH ABOLITE *CYL-205 OYSTER WHITE COVER & *LG-18 GUARD

PANEL SCHEDULE						
PANEL ID : LV1A		LOCATION : 1ST. FLOOR ELEC. RM.				
TYPE : 150A MCB						
PANEL SPECIFICATION : 225A MAINS						
VOLTAGE : 120/208-3-4W						
NUMBER OF CIRCUITS : 42						
MOUNTING : SURFACE						
			INTERRUPTING CAPACITY : 10000			
CIR. NO.	BREAKER	CIRCUIT DESCRIPTION	LOAD (WATTS)	Ø LOAD (WATTS)	CIRCUIT DESCRIPTION	BREAKER CIR. NO.
1	20/1P	RECEP	1000	A 300	LIGHTING	20/1P 2
3	20/1P	RECEP	1400	B 780	LIGHTING	20/1P 4
5	20/1P	RECEP	1000	C 900	LIGHTING	20/1P 6
7	20/1P	RECEP	1200	A 300	LIGHTING	20/1P 8
9	20/1P	RECEP	500	B 200	ELEV. CAB. LTS	20/1P 10
11	20/1P	RECEP	500	C 600	RECEP	20/1P 12
13	20/1P	RECEP	500	A 600	RECEP	20/1P 14
15	20/1P	RECEP	600	B 600	RECEP	20/1P 16
17	20/1P	RECEP WASHER	1100	C 400	EXH. FAN	20/1P 18
19	20/1P	RECEP	1200	A 400	EXH. FAN	20/1P 20
21	20/1P	RECEP	1000	B 300	LIGHTING	20/1P 22
23	30/2P	RECEP DRY				