

PANEL "1H"
 SERVICE RATED
 (INTEGRAL TVSS)

MOUNTING: SURFACE
 SHORT CIRCUIT RATING: 25K AIC
 LOCATION: ELECTRICAL ROOM-109
 MAIN BUS AMPS: 600
 MAIN BREAKER AMPS: 500
 MANUFACTURER/TYP: SQD NF

VOLT: 480/277V, 3Ø, 4W
 MAIN BUS AMPS: 600
 MAIN BREAKER AMPS: 500
 MANUFACTURER/TYP: SQD NF

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	LOAD	LOAD	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	LIGHTING INT(SOUTH)	1	20	12	21 (3/4")	2820	30000	27 (1")	6	50	3	PANEL 1L THRU TX-1	2
3	LIGHTING INT(NORTH)	1	20	12	21 (3/4")	2124						30 KVA FULL LOAD	4
5	LIGHTING OUT CANOPY	1	20	12	21 (3/4")	1200						CONSIDERED	6
7	EDH-1	3	30	10	21 (3/4")	20000	61270	53 (2")	1	125	3	PANEL SH	8
9													10
11													12
13	AHU-1	3	15	12	21 (3/4")	6320					20	1 SPARE	14
15											20	1 SPARE	16
17											20	1 SPARE	18
19	CU-1A	3	40	8	21 (3/4")	27000					20	1 SPARE	20
21											20	1 SPARE	22
23											20	1 SPARE	24
25	CU-1B	3	40	8	21 (3/4")	27000	24000	27 (1")	2	110	1	WATER HEATER	26
27													28
29													30
31	EF-6	3	20	12	21 (3/4")	2827	45565	41 (1 1/2")	1	100	3	PANEL PH	32
33													34
35													36
37	SPACE						45000	35 (1 1/4")	4	70	3	PANEL PL THRU TX-P	38
39	SPACE											45 KVA FULL LOAD	40
41	RP-1 (CONTROL)	1	20	12	21 (3/4")	100						CONSIDERED	42

CONNECTED LOAD = 295226 VA
 CONNECTED AMPS = 357 AMPS

Note: This Panel 1H is integrated with MDP switchboard.

PANEL "SH"

MOUNTING: SURFACE
 SHORT CIRCUIT RATING: 22K AIC
 LOCATION: ELECTRICAL CLOSET 127
 MAIN BUS AMPS: 125
 MAIN BREAKER AMPS: 125
 MANUFACTURER/TYP: SQD NF

VOLT: 480/277V, 3Ø, 4W
 MAIN BUS AMPS: 125
 MAIN BREAKER AMPS: 125
 MANUFACTURER/TYP: SQD NF

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	LOAD	LOAD	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	LTRM 121,122,123,124&127	1	20	12	21 (3/4")	270	45000	35 (1 1/4")	4	70	3	PANEL SL THRU TX-1	2
3	SPACE											45 KVA FULL LOAD	4
5	SPACE											CONSIDERED	6
7	IWH-2 RM 124	1	45	6	21 (3/4")	10000	6000	21 (3/4")	12	20	3	RTU-1	8
9	SPACE												10
11	SPACE												12
13	SPACE											SPACE	14
15	SPACE											SPACE	16
17	SPACE											SPACE	18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

CONNECTED LOAD = 61270 VA
 CONNECTED AMPS = 75 AMPS

PANEL "PH"

MOUNTING: SURFACE
 SHORT CIRCUIT RATING: 22K AIC
 LOCATION: POOL ROOM
 MAIN BUS AMPS: 100
 MAIN BREAKER AMPS: MLO
 MANUFACTURER/TYP: SQD NF

VOLT: 480/277V, 3Ø, 4W
 MAIN BUS AMPS: 100
 MAIN BREAKER AMPS: MLO
 MANUFACTURER/TYP: SQD NF

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	LOAD	LOAD	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	SPACE						17960	21 (3/4")	8	40	3	FILTER PUMP VFD (20)	2
3	SPACE												4
5	SPACE												6
7	SPACE						9645	21 (3/4")	10	30	3	FILTER PUMP VFD (9)	8
9	SPACE												10
11	SPACE												12
13	SPACE						17960	21 (3/4")	8	40	3	FEAT. PUMP VFD (23)	14
15	SPACE												16
17	SPACE												18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

CONNECTED LOAD = 45565 VA
 CONNECTED AMPS = 56 AMPS

PANEL "1L"

MOUNTING: SURFACE
 SHORT CIRCUIT RATING: 10K AIC
 LOCATION: 1ST FLOOR ELECTRICAL ROOM
 MAIN BUS AMPS: 100
 MAIN BREAKER AMPS: 100
 MANUFACTURER/TYP: SQD NQOD

VOLT: 208/120V, 3Ø, 4W
 MAIN BUS AMPS: 100
 MAIN BREAKER AMPS: 100
 MANUFACTURER/TYP: SQD NQOD

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	LOAD	LOAD	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT	
1	REC ROOMS 101&104	1	20	12	21 (3/4")	720	720	21 (3/4")	12	20	1	EF-4	2	
3	REC ROOMS 102&103	1	20	12	21 (3/4")	360	720	21 (3/4")	12	20	1	RECIRCULATING PUMP	4	
5	REC ROOM 107	1	20	12	21 (3/4")	900	100	21 (3/4")	12	20	1	MOTORIZED DAMPER	6	
7	REC ROOM 112	1	20	12	21 (3/4")	900	720	21 (3/4")	12	20	1	REC POOL AREA	8	
9	REC ROOMS 115&116	1	20	12	21 (3/4")	360						20	1 SPARE	10
11	REC OUT SOUTH&EAST	1	20	12	21 (3/4")	720						20	1 SPARE	12
13	REC ROOM 117	1	20	12	21 (3/4")	720						20	1 SPARE	14
15	REC ROOM 117	1	20	12	21 (3/4")	720						20	1 SPARE	16
17	REC ROOM 117	1	20	12	21 (3/4")	720						SPACE	18	
19	REC ROOM 117, 118 & OUT	1	20	12	21 (3/4")	900						SPACE	20	
21	REC ROOMS 109&113	1	20	12	21 (3/4")	720						SPACE	22	
23	REC ROOMS 119	1	20	12	21 (3/4")	540						SPACE	24	
25	REC ROOMS 120	1	20	12	21 (3/4")	540						SPACE	26	
27	REC ROOMS 130 & 131	1	20	12	21 (3/4")	720						SPACE	28	
29	SPARE	1	20									SPACE	30	
31	DRINK. FOUNTAIN	1	20	12	21 (3/4")	800	500	21 (3/4")	12	20	1	DOOR OPENER	32	
33	DRINK. FOUNTAIN	1	20	12	21 (3/4")	800						SPACE	34	
35	SPARE	1	20									SPACE	36	
37	SPARE	1	20									SPACE	38	
39	LANDSCAPE LIGHTING	1	20	12	21 (3/4")	1072						SPACE	40	
41	LANDSCAPE LIGHTING	1	20	12	21 (3/4")	1170						SPACE	42	

CONNECTED LOAD = 16142 VA
 CONNECTED AMPS = 46 AMPS

PANEL "SL"

MOUNTING: SURFACE
 SHORT CIRCUIT RATING: 10K AIC
 LOCATION: ELECTRICAL CLOSET 127
 MAIN BUS AMPS: 225
 MAIN BREAKER AMPS: 175
 MANUFACTURER/TYP: SQD NQOD

VOLT: 208/120V, 3Ø, 4W
 MAIN BUS AMPS: 225
 MAIN BREAKER AMPS: 175
 MANUFACTURER/TYP: SQD NQOD

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	LOAD	LOAD	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	POS (3)	1	20	12	21 (3/4")	500	400	21 (3/4")	12	20	1	EXHAUST HOOD (24)	2
3	POS PRINTER (4)	1	20	12	21 (3/4")	500	180	21 (3/4")	12	20	1	FIRE SUP. SYS. (26)	4
5	POS (5)	1	20	12	21 (3/4")	500	1152	21 (3/4")	12	20	1	HOT DOG ROLLER (27)	6
7	PRETZEL CASE (8)	1	20	12	21 (3/4")	1416	300	21 (3/4")	12	20	1	UNDER C. REF. (28)	8
9	SMOOTHIE MACH. (11)	2	25	10	21 (3/4")	3536	1128	21 (3/4")	12	20	1	POP CORN POPPER	10
11							504	21 (3/4")	12	20	1	BUTTER DISPENSER	12
13	NOVELTY FREEZER ((12)	1	20	12	21 (3/4")	1000	2352	21 (3/4")	10	30	1	CARBONATOR (34)	14
15	ICE MACHINE (14)	2	20	12	21 (3/4")	2870	1800	21 (3/4")	12	20	1	SODA DISP. (37)	16
17							2220	21 (3/4")	10	30	1	ESPRESSO MACH. (38)	18
19	FREEZER BASE (22)	1	20	12	21 (3/4")	960	2620	21 (3/4")	12	20	2	DROP-IN REF. (41)	20
21	SPARE	1	20										22
23	SPARE	1	20				180	21 (3/4")	12	20	1	BACK COUNT REC (42)	24
25	SPARE	1	20									SPACE	26
27	SPARE	1	20									SPACE	28
29	SPARE	1	20									SPACE	30
31	SPARE	1	20									SPACE	32
33	SPACE						3500	21 (3/4")	8	40	1	IWH-1 ROOM 124	34
35	SPACE						670	21 (3/4")	12	15	2	EF-1	36
37	REC RM 121,123,124,127 & OUT	1	20	12	21 (3/4")	900							38
39	REC. OUT & ROOF	1	20	12	21 (3/4")	900	670	21 (3/4")	12	15	2	SF-	