

PANEL EH													
VOLTS: 120/240		PHASE: 1		AMPS: 100A		I.C.: 10kA		LOCATION: ELEC. ROOM					
MAINS: LUGS		BUS: COPPER		ENCL TYPE: -		MOUNTING: SURFACE							
WIRE SIZE	LOAD (WATTS)	DESCRIPTION	BREAKER			PHASE	BREAKER			DESCRIPTION	LOAD (WATTS)	WIRE	
			AMPS	POLES	CCT #		AMPS	POLES	CCT #				
-	-	SPARE	20	2	1	A	2	2	20	SPARE	-	-	
-	-	SPARE	20	2	3	A	4	2	20	SPARE	-	-	
-	-	SPARE	20	2	5	A	6	2	20	SPARE	-	-	
-	-	EXIT LIGHTING	15L	1	9	A	10	1	15	SPARE	-	-	
-	-	SPARE	15	1	11	A	12	1	15L	LOW TEMP. ALARM PANEL	-	-	
-	-	SPARE	15	1	13	A	14	1	15	SPARE	-	-	
-	-	ADT PANEL	15L	1	15	A	16	2	15	SPARE	-	-	
-	-	SPARE	15	1	17	A	18	2	15	SPARE	-	-	
-	-	SPARE	15	1	19	A	20	1	15	SPARE	-	-	
-	-	SPARE	15	1	21	A	22	-	-	-	-	-	
#12	-	NEW SEA WATER PUMP #1	30	2	23	A	24	-	-	-	-	-	
#12	-	NEW SEA WATER PUMP #2	30	2	25	A	26	-	-	-	-	-	
-	-	-	-	-	27	A	28	-	-	-	-	-	
-	-	-	-	-	29	A	30	-	-	-	-	-	
-	-	-	-	-	31	A	32	-	-	-	-	-	
-	-	-	-	-	33	A	34	-	-	-	-	-	
-	-	-	-	-	35	A	36	-	-	-	-	-	
-	-	-	-	-	37	A	38	-	-	-	-	-	
-	-	-	-	-	39	A	40	-	-	-	-	-	
-	-	-	-	-	41	A	42	-	-	-	-	-	
(L) - INDICATES LOCKABLE BREAKER REC. - DENOTES RECEPTACLE													

PANEL HC													
VOLTS: 120/240		PHASE: 1		AMPS: 400A		IC: 10kA		LOCATION: GIFT SHOP STORAGE					
MAINS: LUGS		BUS: COPPER		ENCL TYPE: -				MOUNTING: RECESSED					
WIRE SIZE	LOAD (WATTS)	DESCRIPTION	BREAKER			PHASE	BREAKER			DESCRIPTION	LOAD (WATTS)	WIRE	
			AMPS	POLES	CCT #		AMPS	POLES	CCT #				
-	-	REC. EXTERIOR	20	1	1	A	2	1	15	REC. PAY PHONE	-	-	
-	-	REC. WASHER LAUNDRY RM.	15	1	3	A	4	2	30	REC. DRYER LAUNDRY ROOM	-	-	
-	-	HEAT LAUNDRY RM. SHOWER	30	2	5	A	6	2	30	HEAT VESTIBULE	-	-	
-	-	HEAT WASHROOMS	30	2	7	A	8	2	20	REC. LAUNDRY RM.	-	-	
-	-	REC. STOR. VEST. & LOBBY	15	1	11	A	12	1	15	REC. GIFT SHOP	-	-	
-	-	REC. GIFT SHOP	15	1	13	A	14	1	15	REC. WASHROOMS	-	-	
-	-	REC. JANITOR RM.	15	1	15	A	16	1	15	LIGHTS WASHROOMS & JANITOR	-	-	
-	-	LIGHT EXTERIOR	15	1	17	A	18	1	15	LGT. VESTIBULE & STORAGE	-	-	
-	-	SPARE	15	1	19	A	20	1	15	LGT. GIFT SHOP	-	-	
-	-	SPARE	15	1	21	A	22	1	15	LGT. GIFT SHOP	-	-	
-	-	HEAT PANEL #2	15	1	23	A	24	1	15	HAND DRYER MALE WASHROOM	-	-	
-	-	HAND DRYER FEMALE WIR	15	1	25	A	26	1	15	REC. PAY PHONE	-	-	
-	-	SPARE	15	1	27	A	28	1	15	HOT WATER TANK 'HWT-1'	9000W	#6	
#6	9000W	HOT WATER TANK 'HWT-2'	40	2	31	A	32	2	40	SPARE	-	-	
-	-	REC. CEILING SERVICE SPACE	15	1	33	A	34	2	20	SPARE	-	-	
-	-	HAND DRYER MALE WIR	15	1	35	A	36	1	15	SPARE	-	-	
-	-	SPARE	15	1	37	A	38	1	15	HAND DRYER FEMALE WASHROOM	-	-	
#12	528W	EXHAUST FAN 'F-1'	15	1	39	A	40	1	15	EXHAUST FAN 'F-2'	528W	#12	
-	-	AUTO. DOOR OPER.	15	1	41	A	42	2	15	SPARE	-	-	
#12	528W	EXHAUST FAN 'F-3'	15	1	43	A	44	2	40	HOT WATER TANK 'HWT-3'	9000W	#6	
#12	-	VAV 'B-9'	15	1	45	A	46	2	40	SPARE	-	-	
#12	-	VAV 'B-1'	15	1	47	A	48	2	40	SPARE	-	-	
-	-	-	-	-	49	A	50	2	40	SPARE	-	-	
-	-	-	-	-	51	A	52	-	-	-	-	-	
-	-	-	-	-	53	A	54	-	-	-	-	-	
-	-	-	-	-	55	A	56	-	-	-	-	-	
-	-	-	-	-	57	A	58	-	-	-	-	-	
-	-	-	-	-	59	A	60	-	-	-	-	-	
-	-	-	-	-	61	A	62	-	-	-	-	-	
-	-	-	-	-	63	A	64	-	-	-	-	-	
-	-	-	-	-	65	A	66	-	-	-	-	-	
-	-	-	-	-	67	A	68	-	-	-	-	-	
-	-	-	-	-	69	A	70	-	-	-	-	-	
-	-	-	-	-	71	A	72	-	-	-	-	-	
(L) - INDICATES LOCKABLE BREAKER REC. - DENOTES RECEPTACLE													

PANEL HA														
VOLTS: 120/240		PHASE: 1		AMPS: 100A		IC: 10kA		LOCATION: ELEC. ROOM						
MAINS: LUGS		BUS: COPPER		ENCL TYPE: -		MOUNTING: SURFACE								
WIRE SIZE	LOAD (WATTS)	DESCRIPTION	BREAKER					PHASE	BREAKER			DESCRIPTION	LOAD (WATTS)	WIRE
			AMPS	POLES	CCT#	A	B	CCT#	POLES	AMPS				
#12	-	LIGHTING ACTIVITY LAB	15	1	1			2	1	15	SPARE	-	-	
#12	-	TRACK LIGHTS UNDERWATER EXHIBIT	15	1	3			4	1	15	SPARE	-	-	
-	-	REC. OFFICE	15	1	5			6	1	15	EXTERIOR LGTS.	-	-	
#12	-	THEATRE ROOM LIGHTING	15L	1	7			8	1	15	SPARE	-	-	
-	-	SPARE	15	1	9			10	1	15	EXIST. LIGHTING STANDARDS	-	-	
#12	-	TRACK LIGHTING GREAT HALL	15	1	11			12	1	15	LGT. SHOWERS	-	-	
#12	-	TRACK LIGHTING GREAT HALL	15	1	13			14	1	15	DESTRATIFICATION FANS	-	-	
-	-	PLUG THEATER	20	2	15			16	1	15	EXIST. LGT. STND. WHARF STREET LIGHT	-	-	
-	-							17	1	20	LGT TRACK THEATER	-	-	
-	-	LGT. GEN., ELECT., MECH., & W/L STOR.	15	1	19			20	2	15	SPARE	-	-	
#12	-	LIGHTING LOBBY	15	1	21			22	2	15	SPARE	-	-	
-	-	REC. ELECT. RM.	15	1	23			24	1	15	SPARE	-	-	
-	-	REC. PHONE EQUIP.	15	1	25			26	1	15	REC. MECH. RM.	-	-	
-	-	REC. WET LAB STG.	15	1	27			28	1	15	REC. WET LAB & W/L STOR.	-	-	
-	-	REC. WET LAB	15	1	29			30	1	15	REC. WET LAB	-	-	
-	-	REC. WET LAB	15	1	31			32	1	15	REC. WET LAB & STORAGE	-	-	
-	-	REC. WET LAB JELLY FISH TANK	15	1	33			34	1	15	REC. WET LAB	-	-	
-	-	REC. WET LAB	15	1	35			36	1	15	REC. ELECT. RM.	-	-	
-	-	REC. EXTERIOR	15	1	37			38	1	15	GFCI REC. STAFF RM. COUNTER	-	#12	
#12	-	GFCI REC. STAFF RM. COUNTER	15	1	39			40	1	15	SPARE	-	-	
-	-	SPARE	15	1	41			42	1	15	SPARE	-	-	
(L) - INDICATES LOCKABLE BREAKER REC. - DENOTES RECEPTACLE														

PANEL HD													
VOLTS: 120/240		PHASE: 1		AMPS: 400A		IC: 10kA		LOCATION: ELEC. ROOM					
MAINS: LUGS		BUS: COPPER		ENCL TYPE: -		MOUNTING: SURFACE							
WIRE SIZE	LOAD (WATTS)	DESCRIPTION	BREAKER			PHASE	BREAKER			DESCRIPTION	LOAD (WATTS)	WIRE	
			AMPS	POLES	CCT#		AMPS	POLES	CCT#				
-	-	HEAT MULTI. PURP. RM. & STORAGE RM.	30	2	1	A	2	2	30	HEAT MULTI. PURPOSE RM.	-	-	
-	-	HEAT GENERATOR & ELECT. RMS.	15	2	3	A	4	2	30	HEAT DISPLAYS RM 117	-	-	
-	-	HEAT MECH. RM.	30	2	5	A	6	2	20	NEW UNIT HEATER STAFF RM.	3000W	#12	
-	-	HEAT LOBBY ROOM 111	30	2	7	A	8	2	30	HEAT LOBBY 110	-	-	
-	-	HEAT WET LAB 122	30	2	9	A	10	2	30	HEAT WET LAB 122	-	-	
-	-	HEAT OFFICE 112, EXHIBIT & DISPLAYS	30	2	11	A	12	2	30	HEAT EXHIBIT & DISPLAYS	-	-	
-	-	SPARE	15	1	13	A	14	2	20	HEAT GIFT SHOP	-	-	
-	-	SEWAGE SUBMERS. SLUMP PUMP 2HP	30	2	15	A	16	2	20	HEAT GIFT SHOP	-	-	
-	-	HEAT LOBBY	15	2	17	A	18	2	15	SPARE	-	-	
-	-	HEATING PANEL #1	15	1	19	A	20	2	15	SPARE	-	-	
-	-	-	-	-	21	A	22	2	15	SPARE	-	-	
-	-	-	-	-	23	A	24	2	15	SPARE	-	-	
-	-	-	-	-	25	A	26	2	15	SPARE	-	-	
-	-	-	-	-	27	A	28	2	15	SPARE	-	-	
-	-	-	-	-	29	A	30	2	15	SPARE	-	-	
-	-	-	-	-	31	A	32	2	15	SPARE	-	-	
-	-	-	-	-	33	A	34	2	15	SPARE	-	-	
-	-	-	-	-	35	A	36	2	15	SPARE	-	-	
-	-	-	-	-	37	A	38	2	15	NEW BAERBOARD HEATER STAFF RM. OFFICE	750W	#12	
-	-	-	-	-	39	A	40	2	15	SPARE	-	-	
-	-	-	-	-	41	A	42	2	15	SPARE	-	-	
(L) - INDICATES LOCKABLE BREAKER REC. - DENOTES RECEPTACLE													

PANEL HB												
VOLTS: 120/240		PHASE: 1		AMPS: 100A		IC: 10kA		LOCATION: ELEC. ROOM				
MAINS: LUGS		BUS: COPPER		ENCL TYPE: -		MOUNTING: SURFACE						
WIRE SIZE	LOAD (WATTS)	DESCRIPTION	BREAKER			NO. OF CIRCUITS	BREAKER			DESCRIPTION	LOAD (WATTS)	WIRE
			AMPS	POLES	CIR		A B	CIR	POLES			
-	-	REC. EXHIBIT RM. & DISPLAY	20	1	1	2	1	15	REC. EXHIBIT & MULTIP.	-	-	
-	-	REC. MULTIPURPOSE & STOR.	15	1	3	4	1	15	REC. MULTIP. RM.	-	-	
-	-	REC. DISPLAY 117	15	1	5	6	1	15	VAV B-3	-	#12	
-	-	PROJECTOR & SCREEN	15	1	7	8	1	15	VAV B-4	-	#12	
-	-	SPARE	15	1	9	10	1	15	VAV B-5	-	#12	
-	-	SPARE	15	1	11	12	1	15	VAV B-7	-	#12	
-	-	REC. EXHIBIT RM.	15	1	13	14	1	15	VAV B-8	-	#12	
-	-	REC. EXHIBIT RM.	15	1	15	16	1	15	SPARE	-	-	
-	-	REC. LOBBY & WET LAB	15	1	17	18	1	15	REC. NEW INFO. DESK	-	#12	
#12	-	REC. NEW INFO. DESK	15	1	19	20	1	15	SPARE	-	-	
-	-	SPARE	15	1	21	22	1	15	SPARE	-	-	
-	-	SPARE	15	1	23	24	1	15	SPARE	-	-	
-	-	SPARE	15	1	25	26	1	15	SPARE	-	-	
-	-	SPARE	15	1	27	28	1	15	SPARE	-	-	
-	-	SPARE	15	1	29	30	1	15	LGT. TRACK EXHIBIT 119	-	#12	
#12	-	LIGHTING MAIN EXHIBIT	15	1	31	32	1	15	SPARE	-	-	
-	-	SPARE	15	1	33	34	1	15	CEILING REC. EXHIBIT RM.	-	#12	
-	-	SPARE	15	1	35	36	1	15	CEILING REC. EXHIBIT RM.	-	#12	
#12	-	VAV B-2	15	1	37	38	1	15	CEILING REC. DISPLAY RM.	-	#12	
#12	-	VAV B-6	15	1	39	40	-	-	-	-	-	
-	-	-	-	-	41	42	-	-	-	-	-	
(L) - INDICATES LOCKABLE BREAKER REC. - DENOTES RECEPTACLE												