

PANEL NUMBER: BP. PEB-AA											
Mounting :		Surface	VOLTAGE	347/600	V	BUS RAT. :		225	A		
			PHASES	3			MAIN BRKR:	200	A		
Panel Loc:		ELECTRICAL ROOM	WIRE	4			INTERRUPT.				
			CIRCUITS	42			CAPACITY :		A		
Print Date:		Oct 7, 2013 05:09 PM		PRINT FINAL PANEL							
CCT			LOAD			LOAD			CCT		
No	TYPE	Description	KVA	BRK SIZE	P H	BRK SIZE	KVA	TYPE	Description	No	
1	MTR.	ELEVATOR		60A	A	20A	2.80	LTG.	NL, BU-1,2,3,4,5 GROUND FLOOR	2	
3	MTR.				B	20A	4.50	LTG.	LIGHTING GROUND FLOOR	4	
5	MTR.				C	20A	2.00	LTG.	LIGHTING GROUND FLOOR	6	
7	MTR.	DRY COOLER	2.30	15A	A	20A	4.50	LTG.	LIGHTING 2ND FLOOR	8	
9	MTR.				B	20A	3.50	LTG.	LIGHTING 2ND FLOOR	10	
11	MTR.			3P	C	20A	1.50	LTG.	NL, BU-6,7,8,9 2ND FLOOR	12	
13	OTH.	112.5 KVA TR1	82.70	150A	A	15A	4.00	HTR.	FFH-01	14	
15	OTH.				B	15A	4.00	HTR.	FFH-02	16	
17	OTH.			3P	C	15A	5.70	HTR.	DH-1	18	
19	OTH.	112.5 KVA TR2		150A	A					20	
21	OTH.		63.90		B	3P				22	
23	OTH.			3P	C					24	
25	MTR.	HUMIDIFIER	17.00	20A	A					26	
27					B					28	
29				3P	C					30	
31					A					32	
33					B					34	
35		SPARE		15A	C	15A			SPARE	36	
37		SPARE		20A	A	20A			SPARE	38	
39		SPARE		20A	B	20A			SPARE	40	
41		SPARE		20A	C	20A			SPARE	42	
CONNECTED LOAD				LOAD TYPE				DIVERSITY FACTOR		DEMAND	
Phase A: 113.3 kVA				LIGHTING 18.80 kVA 1.0						18.8 kVA	
Phase B: 75.9 kVA				RECEPTS 19.30 kVA 0.5						16.4 kVA	
Phase C: 9.2 kVA				MOTORS 13.70 kVA 0.85						11.6 kVA	
TOTAL : 198.4 kVA				HEATERS 146.60 kVA 0.7						102.6 kVA	
Summer Load: 198.4 kVA				TOTAL 198.4 kVA						TOTAL DEMAND: 149.5 kVA	
Winter Load: 198.4 kVA										Summer 149.5 kVA	
MAXIMUM: 198.4 kVA										Winter 149.5 kVA	
										TOTAL DEMAND: 149.5 kVA	

PANEL NUMBER: BP. PEB-A											
Mounting : Surface		VOLTAGE 120/208 V		BUS RAT. : 400 A							
Panel Loc: ELECTRICAL ROOM		PHASES 3		MAIN BRKR: A							
		WIRE 4		INTERRUPT: 4							
		CIRCUITS 84		CAPACITY : A							
Print Date: Oct 7, 2013 05:09 PM		PRINT FINAL PANEL									
CCT		LOAD		KVA	BRK SIZE	P H	BRK SIZE	KVA	LOAD		CCT
No	TYPE	Description							TYPE	Description	No
1	REC.	WALL RECEPTACLES 2	0.50	15A	A	15A	0.50	LTG.	EMERGENCY BAT. BU-1A, BU-2A		2
3	REC.	WALL RECEPTACLES 4	0.50	15A	B	20A	0.90	LTG.	EXTERIOR LIGHTING		4
5	REC.	SECURITY CABINET	1.00	20A	C	20A	0.30	LTG.	ENTRANCE LIGHTING		6
7	REC.	SECURITY CABINET	1.00	20A	A	20A	0.80	LTG.	LIGHTING 2ND FLOOR		8
9	REC.	COMMUNICATION CABINET	1.00	20A	B	20A	1.40	LTG.	HANDRAIL LIGHTING		10
11	REC.	COMMUNICATION CABINET	1.00	20A	C	15A	0.50	MTR.	EXHAUST FAN EF-3		12
13	REC.	WALL RECEPTACLE	0.50	20A	A	15A	0.50	REC.	BOILER B-1		14
15	REC.	WALL RECEPTACLES 5	0.50	15A	B	15A	0.50	REC.	BOILER B-2		16
17	REC.	WALL RECEPTACLES 4	0.50	15A	C	15A	0.67	MTR.	PUMP P-1		18
19	MTR.	FC-14	0.02	15A	A	2P	0.67	MTR.			20
21	MTR.		0.02	2P	B	15A	0.67	MTR.	PUMP P-2		22
23	MTR.	FC-30	0.02	15A	C	2P	0.67	MTR.			24
25	MTR.		0.02	2P	A	15A	0.27	MTR.	PUMP P-3		26
27	HTR.	HEAT TRACING 'GFI'	0.50	20A	B	15A	0.27	MTR.	PUMP P-4		28
29	HTR.		0.50	2P	C	15A	0.50	MTR.	DOAS-1		30
31	HTR.	HEAT TRACING 'GFI'	0.50	20A	A	100A	8.10	OTH.	FEED TO PANEL 'PEB-D'		32
33	HTR.		0.50	2P	B		8.00	OTH.			34
35	MTR.	OUTDOOR CU-3	2.65	55A	C	3P	8.00	OTH.			36
37	MTR.		2.65	2P	A	150A	12.20	OTH.	FEED TO PANELS 'PEB-B', 'PEB-B1'		38
39	MTR.	FFH-6	0.10	15A	B		12.00	OTH.			40
41	MTR.	FFH-7	0.10	15A	C	3P	12.00	OTH.			42
43	MTR.	FC-31	0.02	15A	A	15A	0.50	REC.	MECHANICAL CONTROLS		44
45	MTR.		0.02	2P	B						46
47				15A	C						48
49				15A	A						50
51				15A	B						52
53				15A	C						54
55				15A	A						56
57				15A	B						58
59				15A	C						60
61				15A	A						62
63				15A	B						64
65				15A	C						66
67				15A	A						68
69				15A	B						70
71				15A	C						72
73					A						74
75					B						76
77					C						78
79					A						80
81					B						82
83					C						84
CONNECTED LOAD				LOAD TYPE				DIVERSITY FACTOR		DEMAND	
Phase A: 28.8 kVA				LIGHTING 390 kVA 1.0						39 kVA	
Phase B: 26.9 kVA				RECEPTS 800 kVA 0.5						40 kVA	
Phase C: 28.4 kVA				MOTORS 984 kVA 0.85						84 kVA	
TOTAL : 84.0 kVA				HEATERS 200 kVA 0.85						17 kVA	
Summer Load: 84.0 kVA				OTHERS 60.30 kVA 0.7						42.2 kVA	
Winter Load: 84.0 kVA				TOTAL 84.0 kVA						TOTAL DEMAND: 60.2 kVA	
MAXIMUM: 84.0 kVA										Summer 60.2 kVA	
										Winter 60.2 kVA	
										TOTAL DEMAND: 60.2 kVA	

PANEL NUMBER: BP. PEB-M												
Mounting : Surface		VOLTAGE 480 V		BUS RAT. : 225 A								
Panel Loc: MECHANICAL ROOM		PHASES 3		MAIN BRKR: A								
		WIRE 3		INTERRUPT: 3								
		CIRCUITS 24		CAPACITY : A								
Print Date: Oct 7, 2013 05:09 PM			PRINT FINAL PANEL									
CCT			LOAD		KVA	BRK SIZE	P H	BRK SIZE	KVA	LOAD		CCT
No	TYPE	Description								TYPE	Description	No
1	MTR.	DOAS-1	5.70	30A	A	55A	7.80	MTR.	CU-1			2
3	MTR.		5.70		B		7.80	MTR.				4
5	MTR.		5.70	3P	C	3P	7.80	MTR.				6
7					A	55A	7.80	MTR.	CU-2			8
9					B		7.80	MTR.				10
11					C	3P	7.80	MTR.				12
13					A							14
15					B							16
17					C							18
19					A							20
21					B							22
23					C							24
CONNECTED LOAD				LOAD TYPE				DIVERSITY FACTOR		DEMAND		
Phase A: 21.3 kVA				LIGHTING 1.0 kVA 1.0						kVA		
Phase B: 21.3 kVA				RECEPTS 0.5 kVA 0.5						kVA		
Phase C: 21.3 kVA				MOTORS 63.90 kVA 0.85						54.3 kVA		
TOTAL : 63.9 kVA				HEATERS 0.85 kVA 1.0						kVA		
Summer Load: 63.9 kVA				OTHERS						kVA		
Winter Load: 63.9 kVA				TOTAL 63.9 kVA						TOTAL DEMAND: 54.3 kVA		
MAXIMUM: 63.9 kVA												