PANEL SCHEDULE ~ SEP

VOLTAGE: 480/277V | MCB: 600A | AIC: 10KA

3-PHASE, 4-WIRE | FEED-THRU LUGS

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED			BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	C	
1			A				
3	225	3	B				PANEL N1
5			C				
7			A	26.20			
9	110	3	B		26.20		CHILLER ACC-1
11			C			26.20	
13			A				
15	100	3	B				SPARE (FUTURE ELEVATOR)
17			C				
19			A				
21	200	3	B				PROVISION
23			C				
25			A				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P SPARE CIRCUIT BREAKERS AT ALL UNUSED POLE PLACES.
27			B				
29			C				
31			A				
33			B				
35			C				
37			A				
39			B				
41			C				
			SUBTOTAL	26.20	26.20	26.20	
2			A				
4	100	3	B				ATS-LS
6			C				
8			A				
10	200	3	B				ATS-C
12			C				
14			A				
16	200	3	B				SPARE
18			C				
20			A	3.00			
22	20	3	B		3.00		CHWP-1
24			C			3.00	
26			A	3.00			
28	20	3	B		3.00		CHWP-2
30			C			3.00	
32			A				
34			B				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P
36			C				
38			A				
40			B				
42			C				
			SUBTOTAL	6.00	6.00	6.00	

PANEL SCHEDULE ~ C1

VOLTAGE: 480/277V | MLO: 225A | AIC: 10KA

3-PHASE, 4-WIRE

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED			BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	C	
1			A	11.38			
3	60	3	B		11.38		RTU-1
5			C			11.38	
7			A	2.60			
9	20	3	B		2.60		RTU-2
11			C			2.60	
13			A	0.94			
15	15	3	B		0.94		HWP-1
17			C				
19			A	0.94		0.94	
21	15	3	B		0.94		HWP-2
23			C			0.94	
25			A				
27			B				
29			C				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P SPARE CIRCUIT BREAKERS AT ALL UNUSED POLE PLACES.
31			A				
33			B				
35			C				
37			A				
39			B				
41			C				
			SUBTOTAL	15.86	15.86	15.86	
2			A	25.00			
4	125	3	B		25.00		PANEL C2 VIA 75KVA TRANSF.
6			C			25.00	
8	35	1	A	7.50			PANEL IP3 VIA 7.5KVA TRANSF.
10	35	1	B		7.50		PANEL IP4 VIA 7.5 KVA TRANSF.
12			C				
14			A				
16			B				
18			C				
20			A				
22			B				
24			C				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P SPARE CIRCUIT BREAKERS AT ALL UNUSED POLE PLACES.
26			A				
28			B				
30			C				
32			A				
34			B				
36			C				
38			A				
40			B				
42			C				
			SUBTOTAL	32.50	32.50	25.00	

PANEL SCHEDULE ~ N1

VOLTAGE: 480/277V | MLO: 225A | AIC: 10KA

3-PHASE, 4-WIRE

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED			BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	C	
1			A	25.00			
3	125	3	B		25.00		PANELS N2, N3 VIA 75 KVA TRANF.
5			C			25.00	
7			A	2.90			
9	15	3	B		2.90		HUMIDIFIER H-1
11			C			2.90	
13			A				
15			B				
17			C				
19			A				
21			B				
23			C				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P SPARE CIRCUIT BREAKERS AT ALL UNUSED POLE PLACES.
25			A				
27			B				
29			C				
31			A				
33			B				
35			C				
37			A				
39			B				
41			C				
			SUBTOTAL	27.90	27.90	27.90	
2			A	2.90			
4	15	3	B		2.90		HUMIDIFIER H-2
6			C			2.90	
8			A				
10			B				
12			C				
14			A				
16			B				
18			C				
20			A				
22			B				
24			C				PROVIDE BRANCH CIRCUIT BREAKER AMPERE RATINGS AND POLE CONFIGURATIONS AS APPROPRIATE FOR BRANCH CIRCUIT REQUIRMENTS. PROVIDE 20A, 1P SPARE CIRCUIT BREAKERS AT ALL UNUSED POLE PLACES.
26			A				
28			B				
30			C				
32			A				
34			B				
36			C				
38			A				
40			B				
42			C				
			SUBTOTAL	2.90	2.90	2.90	

PANEL SCHEDULE ~ IP3

BASIS OF DESIGN IS SQUARE D ISOLATED POWER PANEL WITH INTEGRAL 7.5-KVA TRANSFORMER AND REMOTE ANNUNCIATOR.

PRI: 480V SEC: 120V | AIC: 10KA

1-PHASE, 2-WIRE

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED		BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	
1	20	2	A			LIGHT BOOM
			B			
3	20	2	A			SPARE
			B			
5	20	2	A			FLOOR RECEPTACLE
			B			
7	20	2	A			RECEPTACLES
			B			
			SUBTOTAL:	0.00	0.00	
2	20	2	A			SPARE
			B			
4	20	2	A			SINGLE RECEPTACLE
			B			
6	20	2	A			RECEPTACLES
			B			
8	20	2	A			CLOCK
			B			
			SUBTOTAL:	0.00	0.00	

PANEL SCHEDULE ~ IP4

BASIS OF DESIGN IS SQUARE D ISOLATED POWER PANEL WITH INTEGRAL 7.5-KVA TRANSFORMER AND REMOTE ANNUNCIATOR.

PRI: 480V SEC: 120V | AIC: 10KA

1-PHASE, 2-WIRE

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED		BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	
1	20	2	A			LIGHT BOOM
			B			
3	20	2	A			SPARE
			B			
5	20	2	A			FLOOR RECEPTACLE
			B			
7	20	2	A			RECEPTACLES
			B			
			SUBTOTAL:	0.00	0.00	
2	20	2	A			SPARE
			B			
4	20	2	A			SINGLE RECEPTACLE
			B			
6	20	2	A			RECEPTACLES
			B			
8	20	2	A			CLOCK
			B			
			SUBTOTAL:	0.00	0.00	

LIGHTING CONTROL PANEL SCHEDULE ~ LCP

PROVIDE INTEGRAL ASTRONOMICAL TIME CLOCK

DESIGNATION: LCP | MOUNTING: SURFACE

CONTROL VOLTAGE: 277 | LOCATION: ELECT/IT RM

CONTROL CIRCUIT: LP1LS-5

RELAY NO	CIRCUIT NO	NOTE NO	DESCRIPTION
1	LP1-4	1	CANOPY LIGHTING
2			SPARE
3			SPARE
4			SPARE
PROVIDE BARRIER BETWEEN NORMAL AND LIFE-SAFETY CIRCUITS			
5	LP1LS-1	2	CANOPY/WALL LIGHITNG
6	LP1LS-3	2	POLE LT, BOLLARDS & CANOPY LIGHTING
7			SPARE
8			SPARE
9			SPARE
10			SPARE
11			SPARE
12			
13			
14			
15			
16			

NOTES:

1. PROGRAM FOR AUTO-ON/AUTO-OFF CONTROL VIA ASTRONOMICAL CLOCK
2. PROGRAM FOR AUTO-ON/AUTO-OFF VIA PHOTOCELL

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53 Sewall Street, Portland, ME 04102

STATE OF MAINE
CATHERINE A FAUCHER
No. 7575
LICENSED
PROFESSIONAL ENGINEER

PDT JOB NO. 12084

DRWN. CHK Checker

SCALE: 12" = 1'-0"

ISSUE: JULY 11, 2013

TITLE: PANEL SCHEDULES

SHEET: EP600

A1 | PANEL SCHEDULES - 2

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