

PANELBOARD MDP PANEL TYPE AQ		NEMA ENCLOSURE 1 MOUNTING SURFACE		AIC RATING 65,000 NOTES LANDLORD PROVIDED PANEL.						
MAIN BREAKER		VOLTAGE 208/120V MAINS 800A MCB		PHASE 3 WIRE 4		PANEL MAX AMPS 800A OPTIONS				
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RTU-1	50/3	HACR	5.404	A	5.404			RTU-2	2
3				5.404	B	5.404				4
5				5.404	C	5.404				6
7				5.404	A	3.242				8
9	RTU-3	50/3	HACR	5.404	B	3.242			RTU-4	10
11				5.404	C	3.242				12
13				3.242	A	0.900	LCP	20/1	REC - Z2 - PLUGMOLD	14
15				3.242	B	0.900	LCP	20/1	REC - Z2 - PLUGMOLD	16
17				3.242	C	1.802	LCP	20/1	TRACK - Z2 - SALES	18
19	REC - RTU	20/1		0.900	A	0.918	LCP	20/1	TRACK - Z3 - SHOW WINDOW	20
21	TRACK - Z1 - SALES	20/1	LCP	0.986	B	1.080	LCP	20/1	REC - Z3 - SHOW WINDOW	22
23	REC - EMPLOY COUNTER	20/1		0.180	C	1.260	LCP	20/1	REC - Z3 - SHOW WINDOW	24
25	TRACK - Z1 - SALES	20/1	LCP	1.156	A	1.800	LCP	20/1	TRACK - Z2 - SALE DISPLAY	26
27	TRACK - Z1 - SALES	20/1	LCP	1.088	B	1.800	LCP	20/1	TRACK - Z2 - SALE DISPLAY	28
29	TRACK - Z1 - SALES	20/1	LCP	1.496	C	1.116	LCP	20/1	LTG - Z2 - STOCKROOM	30
31	LTG - Z1 - STOCKROOM	20/1	LCP	1.024	A	10.000				32
33	LTG - Z1 - CORRIDOR	20/1	LCP	0.156	B	10.000			ELEVATOR	34
35	REC - EWC	20/1		0.180	C	10.000		125/3		36
37				10.467	A	7.815				38
39	PANEL LP2	100/3		9.207	B	8.847		100/3	PANEL LP3	40
41				10.283	C	8.186				42

ACTUAL CONNECTED KVA		N.E.C. DEMAND KVA		N.E.C. DEMAND AMPS	
57.676	PHASE A	61.107			
56.760	PHASE B	60.151			
57.199	PHASE C	58.236			
171.634	TOTAL	179.494		434 AMPS	

PANELBOARD P1		NEMA ENCLOSURE 1		AIC RATING 10,000						
PANEL TYPE AQ		MOUNTING SURFACE		NOTES LANDLORD PROVIDED PANEL.						
MAIN BREAKER		VOLTAGE 208/120V MAINS MLO		PHASE 3 WIRE 4		PANEL MAX AMPS 100A OPTIONS				
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	MOTOR - SUMP PUMP	20/1		0.500	A	0.360	LO	20/1	REC - DESIGN CENTER IG	2
3	MOTOR - ELEVATOR EF	20/1		0.200	B	0.360	LO	20/1	REC - DESIGN CENTER IG	4
5	REC - ELEVATOR PIT	20/1		0.200	C	1.080		20/1	REC - SALES	6
7	LTG - ELEVATOR PIT	20/1		0.100	A	0.720		20/1	REC - SALES	8
9	FIRE ALARM CONTROL PANEL	20/1		1.000	B	0.180	LO	20/1	REC - PRINTER IG	10
11	ELEVATOR CAB LTS	20/1		0.100	C	0.360		20/1	REC - RESTROOM	12
13	EXISTING SPRINKLER	20/1		1.000	A	0.180	LO	20/1	REC - MANAGERS IG	14
15	REC - GIFTWRAP	20/1		0.360	B	0.180	LO	20/1	REC - MANAGERS IG	16
17	REC - UTILITY	20/1		0.360	C	0.360	LO	20/1	REC - MANAGERS IG	18
19	REC - GIFTWRAP IG	20/1	LO	0.180	A	0.360		20/1	REC - MANAGERS	20
21	REC - STOCKROOM BASEMENT	20/1		1.260	B	0.180	LO	20/1	REC - MANAGERS IG	22
23	REC - SHIP/REC	20/1		0.720	C	0.360		20/1	REC - MANAGERS	24
25	REC - SHIP/REC IG	20/1	LO	0.360	A	0.360		20/1	REC - SHIP/REC	26
27	REC - SHIP/REC IG	20/1	LO	0.180	B	0.200		20/1	LIGHTING CONTROL PANEL	28
29	REC - FLOORBOX	20/1		1.080	C	0.720	LO	20/1	REC - PHONEBOARD IG	30
31	REC - FLOORBOX	20/1		1.260	A	0.720	LO	20/1	REC - PHONEBOARD IG	32
33	REC - FLOORBOX	20/1		0.540	B	0.200	LO	20/1	FIRE ALARM CONTROL PANEL	34
35	REC - RESTROOM	20/1		0.360	C	0.696		20/1	EF-1	36
37	HAND DRYER	20/1		1.200	A	3.167				38
39	HAND DRYER	20/1		1.200	B	3.167	HACR	35/3	HAC - 1	40
41	REC - STOCKROOM 1ST	20/1		0.720	C	3.167				42

ACTUAL CONNECTED KVA		N.E.C. DEMAND KVA		N.E.C. DEMAND AMPS	
10.467	PHASE A	9.842			
9.207	PHASE B	8.739			
10.283	PHASE C	9.370			
29.956	TOTAL	27.951		78 AMPS	

PANELBOARD P2		NEMA ENCLOSURE 1		AIC RATING 10,000						
PANEL TYPE AQ		MOUNTING SURFACE		NOTES LANDLORD PROVIDED PANEL.						
MAIN BREAKER		VOLTAGE 208/120V MAINS MLO		PHASE 3 WIRE 4		PANEL MAX AMPS 100A OPTIONS				
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	REC - CASHWRAP IG	20/1	LO	0.360	A	1.200		20/1	MICROWAVE	2
3	REC - CASHWRAP IG	20/1	LO	0.360	B	0.900	GFCI	20/1	REFRIGERATOR	4
5	REC - PRINTER IG	20/1	LO	0.180	C	1.500		20/1	WATER HEATER	6
7	REC - PRINTER IG	20/1	LO	0.180	A	0.360		20/1	REC - GIFTWRAP	8
9	REC - CASHWRAP IG	20/1	LO	0.360	B	0.360		20/1	REC - CASHWRAP	10
11	REC - SERVER IG	20/1	LO	0.180	C	1.659	LO	20/1	LTG - EM/NL	12
13				3.167	A	0.688		20/1	LTG - RR / OFFICE	14
15	HAC - 2	35/3	HACR	3.167	B	1.200	LCP	20/1	LTG - Z4 - SIGNAGE	16
17				3.167	C	1.500		20/1	UH - 2	18
19	UH - 3	20/1		1.500	A	0.360	LO	20/1	REC - SONOS SPEAKER SYSTEM	20
21	UH - 4	20/1		1.500	B	1.000		20/1	REC - SPEAKERS	22
23	SPARE	20/1		0.000	C	0.000		20/1	SPARE	24
25	SPARE	20/1		0.000	A	0.000		20/1	SPARE	26
27	SPARE	20/1		0.000	B	0.000		20/1	SPARE	28
29	SPARE	20/1		0.000	C	0.000		20/1	SPARE	30
31	SPACE				A				SPACE	32
33	SPACE				B				SPACE	34
35	SPACE				C				SPACE	36
37	SPACE				A				SPACE	38
39	SPACE				B				SPACE	40
41	SPACE				C				SPACE	42

ACTUAL CONNECTED KVA		N.E.C. DEMAND KVA		N.E.C. DEMAND AMPS	
7.815	PHASE A	7.987			
8.847	PHASE B	9.147			
8.186	PHASE C	8.601			
24.848	TOTAL	25.736		71 AMPS	

PANEL SCHEDULE KEYED NOTES

① NEW BREAKERS TO BE INSTALLED.

PANEL SCHEDULE LEGEND		
BREAKER OPTIONS		
LO	HANDLE LOCK-ON DEVICE	
LF	HANDLE LOCK-OFF DEVICE	
PA	HANDLE PADLOCK DEVICE	
ST	SHUNT TRIP BREAKER	
AS	POWER LINK AS BREAKER	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER BREAKER	
HACR	HEATING, A/C & REFRIGERATION RATED BREAKER	
AUX	AUXILIARY CONTACTS	
LCP	LIGHTING CONTROL PANEL	
CLP	CURRENT LIMITING PANEL	

NOTE: IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROPERLY BALANCE ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM, REGARDLESS OF CIRCUITING INDICATED.

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DRAWN BY: BMW
CHECKED BY: SMR

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PROJECT #006-160335-00

ISSUED / REVISED	DATE
PRELIMINARY SET	09/08/16
LL COORDINATION SET	11/08/16
LL/PERMIT SET	11/21/16

PANEL SCHEDULES

E-501