

PANEL: 4M

208 Y/ 120 VOLTS 3 PHASE 4 WIRE

FED FROM: DP1
 LOCATED: WAREHOUSE
 MOUNTING: SURFACE
 NEW OR EXISTING: NEW

MAIN: MLO
 BUS RATED: 200 AMPS
 SCA RATED: 14000 AMPS
 SCA AVAILABLE: 10435 AMPS

CKT NO.	AMP	POLE	CIRCUIT DESCRIPTION	NO. OF OUTLETS			VOLT-AMPS			VOLT-AMPS			NO. OF OUTLETS			CIRCUIT DESCRIPTION	AMP	POLE	CKT NO.
				REC	LTG	MISC	A	B	C	A	B	C	MISC	LTG	REC				
(N) 1	20	2	20/2 MOTOR LOAD #1			1	2400			3600				1				2	
(N) 3								2400			3600							4	
(N) 5	20	2	20/2 MOTOR LOAD #2			1			2400			3600		1				6	
(N) 7							2400			3600								8	
(N) 9	20	2	20/2 MOTOR LOAD #3			1		2400			4500			1				10	
(N) 11									2400			4500						12	
(N) 13	20	1	20/1 MOTOR LOAD #1			1	2400			3600				1				14	
(N) 15	20	1	20/1 MOTOR LOAD #2			1		2400			3600			1				16	
(N) 17	20	1	20/1 MOTOR LOAD #3			1			2400			3600		1				18	
(N) 19	20	1	5 AMP LOAD			1	600			3600				1				20	
(N) 21	20	1	15 AMP LOAD			1		1800										22	
(N) 23	20	1	20/1 MOTOR LOAD #4			1			2400									24	
25			SPACE															26	
27			SPACE															28	
29			SPACE															30	

LEFT SIDE TOTALS	A	B	C	HIGHEST LOAD	VA	AMPS	AMPS	VA	HIGHEST LOAD	A	B	C	RIGHT SIDE TOTALS
VOLT-AMPS	7800	9000	9600		9600	80.00	120.00	14400		14400	11700	11700	VOLT-AMPS
AMPS	65.00	75.00	80.00							120.00	97.50	97.50	AMPS
LCL													LCL

PANELBOARD TOTALS	VOLT-AMPS	22200	20700	21300	22200	LARGEST MOTOR 25% ADDER VA	1800	COMBINED TOTALS:	VOLT-AMPS:	64200
	AMPS	185.00	172.50	177.50	185.00				LCL VOLT-AMPS:	
	LCL VOLT-AMPS								AMPS:	185.00
									VOLT-AMPS:	22200

(E)=EXISTING CIRCUIT; (N)=NEW CIRCUIT; (X)=EXISTING CIRCUIT REVISED; (L)=LCL; (M)=LARGEST MOTOR
 SCHEDULE CREATED: 12/29/2012 REV. 1: REV. 2: REV. 3: REV. 4: FILE: D:\DESIGN_01\CAD_EDUCATIONAL01\PSCHED_4M_ECN_121229.xlsx PROJECT NUMBER: ECN-12292012