

PANEL 'R'									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	SPACE				15		STRANTRONL ENG. OFFICE CHLORINE PUMP RECEPT.	31	
02	SPACE				20		?	32	
03	SPACE				15		DHW CIRC. PUMP	33	
04	SPACE				2P			34	
05	SPACE				15		POOL DECK RECEPT.	GFI 35	
06	SPACE				15		?	36	
07	SPACE				30		P-3	37	
08	SPACE				3P			38	
09	SPACE							39	
10	ELEVATOR ROOM LIGHTS	15			15		H2O CIRC. PUMP	40	
11	ELEVATOR PIT LIGHTS	15			2P			41	
12	ELEVATOR ROOM FAN	15			15		S-W POOL DECK RECEPT.	GFI 42	
13	CAB LIGHTS	15			15		WASHER RECEPT. WEST DIVING AREA	GFI 43	
14	SUMP PUMP RECEPT.	15			2P			44	
15	ELEVATOR ROOM RECEPT.	15			15		POOL DECK WEST S-W RECEPT.	GFI 45	
16	TRANE CONTROLS	15			15		3RD FLOOR OFFICE RECEPT.	46	
17	TRANE CONTROLS	15			15		POOL DECK S-W RECEPT.	GFI 47	
18	TRANE CONTROLS	15			15		DAY CARE A.C.	48	
19	JOHNSON CONTROLS	15			15		FF-1 CO2 STORAGE ROOM	49	
20	SPACE						SPACE	50	
21	SPACE						SPACE	51	
22	SPACE						SPACE	52	
23	SPACE						SPACE	53	
24	SPACE						SPACE	54	
25	SPACE						SPACE	55	
26	SPACE						SPACE	56	
27	SPACE						SPACE	57	
28	SPACE						SPACE	58	
29	SPACE						SPACE	59	
30	SPACE						SPACE	60	

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 18 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3/0 AWG TECK
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM: PANEL 'Y'
 NOTES: -
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PANEL 'P'									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	PERIMETER LIGHTS		15		15		F/A SOLENOID VALVE	31	
02	PERIMETER LIGHTS		15		15		GAS DETECTION	32	
03	PERIMETER LIGHTS		15		15		GAS DETECTION	33	
04	PERIMETER LIGHTS		15		15		GAS DETECTION	34	
05	PERIMETER LIGHTS		15		15		SPACE	35	
06	PERIMETER LIGHTS		15		15		SPACE	36	
07	PERIMETER LIGHTS		15		15		SPACE	37	
08	PERIMETER LIGHTS		15		15		SPACE	38	
09	PODIUM LIGHTING		15				SPACE	39	
10	PODIUM LIGHTING		15				SPACE	40	
11	PODIUM LIGHTING		15				SPACE	41	
12	PODIUM LIGHTING		15				SPACE	42	
13	LEFT PODIUM LIGHTING		15				SPACE	43	
14	RIGHT PODIUM LIGHTING		15				SPACE	44	
15	RIGHT PODIUM LIGHTING		15				SPACE	45	
16	N-E ENTRANCE #8 PODIUM LTG.		15				SPACE	46	
17	SOUTH WALKWAY TO PARKING		15				SPACE	47	
18	SOUTH WALKWAY TO PARKING		15				SPACE	48	
19	SPACE						SPACE	49	
20	SPACE						SPACE	50	
21	SPACE						SPACE	51	
22	SPACE						SPACE	52	
23	SPACE						SPACE	53	
24	SPACE						SPACE	54	
25	SPACE						SPACE	55	
26	SPACE						SPACE	56	
27	SPACE						SPACE	57	
28	SPACE						SPACE	58	
29	SPACE						SPACE	59	
30	SPACE						SPACE	60	

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 18 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3/0 AWG TECK
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM: PANEL 'Y'
 NOTES: -
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PANEL 'C'									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	ROOM 01 LIGHTING		15		15		SUMP PUMP ALARM	31	
02	ROOM 01 LIGHTING		15		15		EMERGENCY LIGHTS	32	
03	ROOM 08 LIGHTING		15		15		DE FEEDERS	33	
04	ROOM 08 LIGHTING		15		15		MAIN PUMP PRIME SAFETY SHUT OFF	34	
05	ROOM 01 LIGHTING		15		15		DOMESTIC HW PUMP RECEPT.	35	
06	ROOM 01 LIGHTING		15		2P			36	
07	ROOM 01 LIGHTING		15		15		DOMESTIC HW REC. #3 PUMP	37	
08	ROOM 01 LIGHTING		15		15		DOMESTIC HW REC. #4 PUMP	38	
09	ROOM 01 LIGHTING		15		15		CASH REGISTER	39	
10	ROOM 01 LIGHTING		15		15		COOLER	40	
11	ROOM 02 RECEPT.		15		15			41	
12	ROOM 01, 02, STAIR #4 RECEPT.		15		3P		SODA ASH FEED PUMP	42	
13	ROOM 01 RECEPT.		15					43	
14	ROOM 01, 08 RECEPT.		15		15		AIR DRYER	44	
15	ROOM 01, 03 RECEPT. TRANS RM E.L.		15		15		GLYCOL PUMP	45	
16	ELECTRICAL RM. EXHAUST FAN		15		60			46	
17	FORCE FLOW STAIR #7, #8, EXH FAN 115		15		3P		PANEL 'CC'	47	
18	FORCE FLOW ROOM 104, 105		15					48	
19	FORCE FLOW ROOM 154		15		3P			49	
20	SPACE						SUB FEEDER GLYCOL PUMPS	50	
21	SPACE							51	
22	SPACE						SPACE	52	
23	SPACE						SPACE	53	
24	SPACE						SPACE	54	
25	SPACE						SPACE	55	
26	SPACE						SPACE	56	
27	SPACE						SPACE	57	
28	SPACE						SPACE	58	
29	SPACE						SPACE	59	
30	SPACE						SPACE	60	

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 18 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3/0 AWG TECK
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM: PANEL 'Y'
 NOTES: -
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PANEL '208-A'									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	MAIN FLR. ELECT. RM. LIGHTING	15			15		MAIN FLR. ELECT. RM. CRAWLSPACE RECEPT.	25	
02	MAIN FLR. ELECT. RM. RECEPT.	15			15		MOTORIZED DAMPERS	26	
03	MAIN FLR. ELECT. RM. CRAWLSPACE LTG.	15						27	
04	MAIN FLR. ELECT. RM. CRAWLSPACE RECEPT.	15			15		UNIT HEATER UH-1	28	
05	MAIN FLR. ELECT. RM. SUMP PUMP	15			3P			29	
06	ELECT. RM. EXHAUST FAN EF-1	15			15		CHLORINE RM. HEATER FF-1	30	
07	MAIN FLR. ELECT. RM. SUPPLY FAN	15			15		ELECTRICAL ROOM EXHAUST FAN	31	
08	ELECT. RM. EXHAUST FAN EF-2	15			15		F.F. #7, #8 CHLR. EXH. FAN	32	
09	D.E. FEEDERS	15			15		F.F. RM #4, RM 105	33	
10	FORCE FLOW RM. 154	15			20		CU-1	34	
11	AIR DRYER	15			2P			35	
12	GLYCOL PUMP	15			20		FC-1	36	
13	DOMESTIC H.W. RECIRC PUMP #3	15			2P			37	
14	DOMESTIC H.W. RECIRC PUMP #4	15					SPACE	38	
15	SPACE						SPACE	39	
16	SPACE						SPACE	40	
17	SPACE						SPACE	41	
18	SPACE						SPACE	42	
19	SPACE						SPACE	43	
20	SPACE						SPACE	44	
21	SPACE						SPACE	45	
22	SPACE						SPACE	46	
23	SODA ASH FEEDER PUMP	15			3P			47	
24	SPACE						SPACE	48	

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 18 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3 AWG TECK
 MOUNTING: SURFACE LOCATION: NEW ELECTRICAL ROOM
 FED FROM: PANEL 'X'
 NOTES: -
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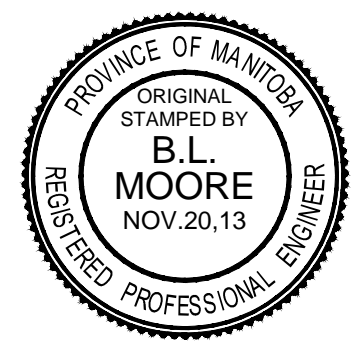
PANEL 'EM-208-B' EXISTING									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	EXIST.		15		15		EXIST.	16	
02	EXIST.		15		15		EXIST.	17	
03	EXIST.		15		15		EXIST.	18	
04	EXIST.		15		15		EXIST.	19	
05	EXIST.		15		15		EXIST.	20	
06	EXIST.		15		15		EXIST.	21	
07	EXIST.		15		15		EXIST.	22	
08	EXIST.		15		15		EXIST.	23	
09	EXIST.		15		15		EXIST.	24	
10	EXIST.		15		15		AIR COMP. FOR FIRE PROTECTION SYSTEM	25	
11	EXIST.		15				SPACE	26	
12	EXIST.		15				SPACE	27	
13	EXIST.		15				SPACE	28	
14	EXIST.		15				SPACE	29	
15	EXIST.		15				SPACE	30	

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: -
 MAIN BREAKER: N/A MAINS: FEEDER: EXIST.
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM:
 NOTES: -
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DILLON CONSULTING LIMITED 485 RICHMOND STREET, LONDON, ONTARIO, CANADA N6A 5A9. PHONE (519) 438-6192. FAX (519) 672-8209

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NO.	ISSUED FOR	DATE	BY
2	ISSUED FOR ADDENDUM No.3	13-12-16	SCK
1	ISSUED FOR ADDENDUM No.1	13-12-10	SCK
0	ISSUED FOR BID OPPORTUNITY NUMBER 850-2013	13-11-20	SCK

DESIGN	REVIEWED BY	PROJECT NO. 137300
DRAWN	CHECKED BY	
DATE FEB. 12, 2013		SHEET NO. E421
SCALE N.T.S.		

PAN AM POOL ELECTRICAL UPGRADE
ELECTRICAL PANEL SCHEDULES 1 OF 4