

DILLON CONSULTING LIMITED 485 RICHMOND STREET, LONDON, ONTARIO, CANADA N6A 5A9. PHONE (519) 438-6192. FAX (519) 672-8209

PANEL 'R'								
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO
01	SPACE				15		STRANTRON 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.	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.: 10 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.: 10 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3/0 AWG TECK
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM: PANEL 'Y'

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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		15			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.: 10 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3/0 AWG TECK
 MOUNTING: SURFACE LOCATION: EXISTING ELECTRICAL ROOM
 FED FROM: PANEL 'Y'

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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.	02
03	MAIN FLR. ELECT. RM. RECEPT.		15		15		MOTORIZED DAMPERS	04
05	MAIN FLR. ELECT. RM. CRAWLSPACE LTG.		15					06
07	MAIN FLR. ELECT. RM. CRAWLSPACE RECEPT.		15		15		UNIT HEATER UH-1	08
09	MAIN FLR. ELECT. RM. SUMP PUMP		15		3P			10
11	ELECT. RM. EXHAUST FAN EF-1		15		15		CHLORINE RM. HEATER FF-1	12
13	MAIN FLR. ELECT. RM. SUPPLY FAN		15				SPACE	14
15	ELECT. RM. EXHAUST FAN EF-2		15				SPACE	16
17	SPACE						SPACE	18
19	SPACE						SPACE	20
21	SPACE						SPACE	22
23	SPACE						SPACE	24

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4 # 3 AWG TECK
 MOUNTING: SURFACE LOCATION: NEW ELECTRICAL ROOM
 FED FROM: PANEL 'X'

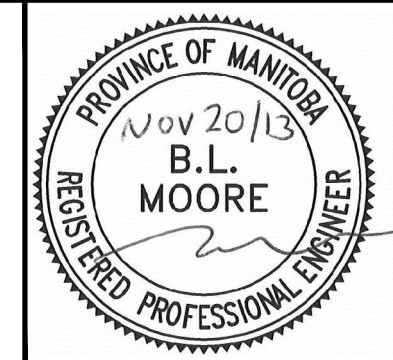
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PANEL 'EM-208-B' EXISTING								
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N ABC	TRIP AMPS	LOAD	DESCRIPTION	CCT NO
01	EXIST.		15		15		EXIST.	16
02	EXIST.		15		15		EXIST.	17
03	EXIST.		15		15		EXIST.	18
04	EXIST.		15		15		EXIST.	19
05	EXIST.		15		15		EXIST.	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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Conditions of Use
 Verify elevations and/or dimensions on drawing prior to use.
 Report any discrepancies to Dillon Consulting Limited.
 Do not scale dimensions from drawing.
 Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Dillon Consulting Limited.



DESIGN	REVIEWED BY	
DRAWN	CHECKED BY	
DATE		FEB. 12, 2013
SCALE		N.T.S.

PROJECT NO.		137300
SHEET NO.		E421
PAN AM POOL ELECTRICAL UPGRADE		
ELECTRICAL PANEL SCHEDULES 1 OF 4		