PANEL	A (NEW)					FED FROM:	
						MOUNTING:	RECESSED (FLUSH)
VOLTAGE:	120/208V/3Ø/4W	225A MAINS				POWER:	NORMAL

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
LIGHTS POOL AREA		15	1	A	43	15		LIGHTS
LIGHTS POOL AREA		15	2	B	44	15		LIGHTS
LIGHTS POOL AREA		15	3	C	45	15		LIGHTS
LIGHTS POOL AREA		15	4	A	46	15		LIGHTS
LIGHTS POOL AREA		15	5	B	47	15		LIGHTS
LIGHTS POOL AREA		15	6	C	48	15		LIGHTS
LIGHTS POOL AREA		15	7	A	49	15		LIGHTS SAUNA
LIGHTS POOL AREA		15	8	B	50	15		REC NEW PA SYSTEM
LIGHTS POOL AREA		15	9	C	51	15		REC NEW PA SYSTEM
LIGHTS POOL AREA		15	10	A	52	15		RECEPTACLE LOBBY VENDING MACHINE
LIGHTS POOL AREA		15	11	B	53	15		RECEPTACLE LOBBY VENDING MACHINE
LIGHTS POOL AREA		15	12	C	54	15		RECEPTACLE LOBBY VENDING MACHINE
LIGHTS POOL AREA		15	13	A	55	15		
LIGHTS POOL AREA		15	14	B	56	15		
SPARE		15	15	C	57	30		SAUNA
SPARE		15	16	A	58			
SUB FEEDER TO PANEL R		15	17	B	59	15		SAUNA FAN F7
			18	C	60	15		EXHAUST FAN F6
			19	A	61	15		FIRST AID RM EXHAUST FAN
POWER SUPPLY - LIGHTING CONTACTORS		15	20	B	62	15		
RECEPTACLES LOBBY		15	21	C	63	15		MENS WAHRM EXHAUST FAN F10
LOCKER ROOM EXHAUST		15	22	A	64	20		REC ROOF
		15	23	B	65	15		LIGHTING POOL AREA
ROOF GFCI		15	24	C	66	15		LIGHTING POOL AREA
HEAT TRACE HRU		15	25	A	67	15		LIGHTING POOL AREA
ENGINEERS OFFICE HRU		15	26	B	68	15		LIGHTING POOL AREA
ENTRANCE AIR CONDITIONER		15	27	C	69	15		LIGHTING POOL AREA
			28	A	70	15		SPARE
		15	29	B	71	15		SPARE
SPARE		15	30	C	72	15		UNDERWATER LIGHTS
SPARE		15	31	A	73	15		UNDERWATER LIGHTS
HAND FREE PLUMBING CONTROL		15	32	B	74	15		UNDERWATER LIGHTS
DOOR ASSIST		15	33	C	75	15		UNDERWATER LIGHTS
CHANGE TABLE		15	34	A	76	15		UNDERWATER LIGHTS
LIFT		15	35	B	77	15		UNDERWATER LIGHTS
REC UTR BAR/ATRIUM UTR		20	36	C	78	15		GATE
SAUNA		20	37	A	79	15		GATE
DOOR ASSIST		15	38	B	80	15		LTG CANOPY
REC DRINKING FOUNTAIN		15	39	C	81	15		
HANDS FREE PLUMBING CONTROL		15	40	A	82	15		
REC GROOMING		20	41	B	83	15		
		15	42	C	84	15		

LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT	
ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA)	

PANEL	A EAST (EXIST)					FED FROM:	
						MOUNTING:	RECESSED (FLUSH)
VOLTAGE:	120/208V/3Ø/4W	225A MAINS				POWER:	NORMAL

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
LOCKER RM EXHAUST FANS		15	1	A	2	15		LIGHTS ABOVE POOL EAST SIDE
		15	3	B	4	15		LIGHTS ABOVE POOL WEST & NORTH SIDE
ROOF GFCI		15	5	C	6	15		LIGHTS ABOVE POOL EAST SIDE
HEAT TRACE HRU		15	7	A	8	15		LIGHTS ABOVE POOL SOUTH SIDE
ENGINEERS OFFICE HRU		15	9	B	10	15		LIGHTS ABOVE POOL EAST SIDE
ENTRANCE AIR CONDITIONER		15	11	C	12	15		LIGHTS ABOVE POOL SOUTH & MIDDLE SIDE
ENTRANCE AIR CONDITIONER		15	13	A	14	15		LIGHTS ABOVE POOL EAST SIDE
NEW POOL LIGHTS SOUTHWEST		15	15	B	16	15		LIGHTS ABOVE POOL SOUTH SIDE 3RD ROW
NEW POOL LIGHTS SOUTHEAST		15	17	C	18	15		UNDERWATER LIGHTS
NEW POOL LIGHTS NORTHEAST		15	19	A	20	15		UNDERWATER LIGHTS
		15	21	B	22	15		UNDER WATER LIGHTS
		15	23	C	24	15		UNDER WATER LIGHTS
		15	25	A	26	15		UNDER WATER LIGHTS
		15	27	B	28	15		UNDER WATER LIGHTS
		15	29	C	30	15		
		15	31	A	32	15		
		15	33	B	34	15		
		15	35	C	36	15		
		15	37	A	38	15		
		15	39	B	40	15		
		15	41	C	42	15		

LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT	
ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA)	

PANEL	B (EXISTING)					FED FROM:	
						MOUNTING:	RECESSED (FLUSH)
VOLTAGE:	120/208V/3Ø/4W	225A MAINS				POWER:	NORMAL

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
LIGHTS STAFF RM B1		15	1	A	22	15		A: OUTSIDE LIGHTS / B: OUTDOOR RECEPTACLE
RECEPTACLES RM'S: B1, B2		15	2	B	23	15		PARKING LOT LIGHTS
LIGHTS STORAGE RM B2, B3		15	3	C	24	15		#REF!
RECEPTACLE, N. WALL RM: B1		15	4	A	25			
RECEPTACLE, N. WALL RM: B1		15	5	B	26	15		ETS UV FILTER POOL B
LIGHTS STAIR #1, HALL & FAN RM B5		15	6	C	27			
LIGHTS STAIR #2 & ELECTRICAL RM		15	7	A	28	15		STORAGE RM RECEPTACLES
RECEPTACLE HALL B1		15	8	B	29	15		STROAGE RM RECEPTACLES
LIGHTS MECHANICAL RM		15	9	C	30	15		STORAGE RM LIGHTS
RECEPTACLE ROOM B3 WEST WALL		15	10	A	31	15		STAFF RM AIR CONDITIONER
RECEPTACLE ROOM B3 WEST WALL		15	11	B	32			
RECEPTACLE ELECTRICAL RM MTS POWER		15	12	C	33	15		AC SUPPLY
LIGHTS S. END CRAWLSPACE		15	13	A	34	15		STRAN TROL WHIRLPOOL
RECEPTACLE S. END CRAWLSPACE DECK		15	14	B	35	15		STRAN TROL ENGINEERS OFFICE
LIGHTS N. END CRAWLSPACE		15	15	C	36	15		MONITORING
LIGHTS N. END UNDER CHLORINE RM		15	16	A	37			
LIGHTS & RECPETACLE W. END CRAWLSPACE		15	17	B	38			
PACER CLOCK POWER SUPPLY		15	18	C	39	15		
CONTROL CCT TIME SWITCH FOR OUTSIDE LTG		15	19	A	40	15		MUA-1
OUTDOOR LAMP STANDARDS		15	20	B	41			
EAST AND WEST OUTDOOR LIGHTS		15	21	C	42	15		FIRE ALARM PANEL

LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT	
ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA)	

PROVINCE OF MANITOBA
2023-12-21
K. E. ISAAK
REGISTERED PROFESSIONAL ENGINEER

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
MCW Consultants Ltd.
No. 7183

"THIS IS A PRINT OF A DOCUMENT THAT HAS BEEN ELECTRONICALLY AUTHENTICATED WITH TECHNOLOGY AUTHORIZED BY THE EGM. THE ORIGINAL IS IN ELECTRONIC FORM."

MCW
MCW Consultants Ltd.
210-1821 Wellington Avenue
Winnipeg, Manitoba, R3H 0G4
Phone - (204) 774-7900
mcw_wpg@mcw.com
www.mcw.com

13600

No.	Date	Issue / Revision	By
0	22/12/2023	ISSUED FOR CONSTRUCTION	DG

Drawn By: DN
Printing Date: 22/12/2023

Drawings and specifications, as instruments of service are the property of the architects, the copyright in the same being reserved to them. No reproduction may be made without the permission of the architects, and when made, must bear their names. All prints to be returned.

The contractor is to verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architects for adjustment.

LM Architectural Group
500-136 Market Ave
Winnipeg Manitoba Canada R3B 0P4
t: (204) 942.0881 f: (204) 943.8676
www.lm-architects.com

CITY OF WINNIPEG
BONIVITAL POOL RENEWAL

1215 Archibald St, Winnipeg, MB.

ELECTRICAL
PANELBOARD
SCHEDULES

Comm. No.: 2129 Sheet: **E5.0**
Plotted on: 00-00-00