ADDRESS: 381 SHERBROOK STREET | PROJECT No: 2013-173 | SHEET TITLE: EQUIPMENT SCHEDULE | DATE: 2014.10.27 | FILE NAME: 14-0107-021_E19A1

EQUIPMENT SCHEDULE

EQUIPMENT							POWER REQUIREMENTS					SUPPLY PANEL	OCP				CABLE				STARTER					LOCAL DISC.				CONTROL				
TAG	SUPPLIED	INSTALLED	CONNECTED	QUANTITY	DESCRIPTION	LOCATION	HP	KW	FLA	VOLTAGE	PHASE	PANEL NAME	BREAKER	DISCONNECT SWITCH	TIME DELAY FUSE	POLES	NUMBER OF RUNS	NUMBER OF WIRES	WIRE SIZE (COPPER)	CONDUIT SIZE (mm)	SIZE	TYPE	SUPPLIED	INSTALLED	CONNECTED	TYPE	SUPPLIED	INSTALLED	CONNECTED	TYPE	SUPPLIED	INSTALLED	CONNECTED	NOTES
AHU-1	M	M	E	-	Pool Air Handling Unit	Rooftop	-	-	89.7	600	3	MDP	100	-	-	3	1	3	3	35	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
AHU-2	M	M	E	-	Main Fl and Mezz Air Handling Unit	Rooftop	-	-	17.84	600	3	MDP	25	-	-	3	1	3	10	16	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
AHU-3	M	M	E	-	Mens Locker Air Handling Unit	Large Storage Rm	-	-	8.48	600	3	MDP	15	-	-	3	1	3	12	16	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
AHU-4	M	M	E	-	Womens Locker Air Handling Unit	Womens Locker Rm	-	-	4.08	600	3	MDP	15	-	-	3	1	3	12	16	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
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B-1	M	M	E	-	Electric Hydronic Hot Water Boiler	Mechanical Room	-	204	-	600	3	MDP	250	-	-	3	1	3	250	63	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
B-2	M	M	E	-	Electric Hydronic Hot Water Boiler	Mechanical Room	-	204	-	600	3	MDP	250	-	-	3	1	3	250	63	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;4
B-3	M	M	E	-	Domestic Hot Water Boiler (Gas)	Mechanical Room	-	-	-	120	1	W	15	-	-	1	1	2	12	16	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;2;4
B-4	M	M	E	-	Domestic Hot Water Boiler (Gas)	Mechanical Room	-	-	-	120	1	W	15	-	-	1	1	2	12	16	.	.	.	.	.	NFD	E	E	E	DDC	M	M	M	1;2;4
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EF-1	M	M	E	-	Mens Locker Exhaust Fan	Mechanical Room	0.167	-	-	120	1	M	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
EF-2	M	M	E	-	Womens Locker Exhaust Fan	Mechanical Room	0.5	-	-	120	1	W	20	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
EF-3	M	M	E	-	Main Floor Washroom Exhaust Fan	Mens Main Fl Washroom	0.167	-	-	120	1	EXISTING	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
EF-4	M	M	E	-	Mezzanine Washroom Exhaust Fan	Mezzanine Washroom or Roof	0.167	-	-	120	1	LP2	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
EF-5	M	M	E	-	Pool Exhaust Fan	Pool	2	-	-	600	3	MDP	15	-	-	3	1	3	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
EF-6	M	M	E	-	CO2 Exhaust Fan	C02 Room	FRAC	-	-	120	1	A	15	-	-	1	1	2	12	16	.	.	.	.	.	.	.	.	.	LS	E	E	E	1;4
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EH-1	M	M	E	-	Baseboard Electric Heater	Mezzanine Washroom		0.75	-	208	1	LDP	15	-	-	2	1	2	12	16	.	.	.	.	.	NFD	E	E	E	IT	M	M	M	1;4
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FF-1	M	M	E	-	Hydronic Force Flow Heater	SE Staircase Lower	FRAC	-	-	120	1	A	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
FF-2	M	M	E	-	Hydronic Force Flow Heater	SW Staircase	FRAC	-	-	120	1	W	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
FF-3	M	M	E	-	Hydronic Force Flow Heater	Main entrance Vestibule	FRAC	-	-	120	1	M	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
FF-4	M	M	E	-	Hydronic Force Flow Heater	NE Staircase w/ North Exit	FRAC	-	-	120	1	M	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
FF-5	M	M	E	-	Hydronic Force Flow Heater	NE Staircase w/ East Exit	FRAC	-	-	120	1	M	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
FF-6	M	M	E	-	Hydronic Force Flow Heater	SE Staircase Upper	FRAC	-	-	120	1	A	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
FF-7	M	M	E	-	Hydronic Force Flow Heater	Mens Locker Room	FRAC	-	-	120	1	M	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
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PU-1	M	M	E	-	Hydronic Circulation Pump	Mechanical Room	10	-	13.75	600	3	MDP	25	-	-	3	1	3	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
PU-2	M	M	E	-	Hydronic Circulation Pump	Mechanical Room	10	-	13.75	600	3	MDP	25	-	-	3	1	3	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;4
PU-3	M	M	E	-	Domestic Hot Water Boiler Circulation Pump	Mechanical Room	1.5	-	-	208	3	W	15	-	-	3	1	3	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
PU-4	M	M	E	-	Domestic Hot Water Boiler Circulation Pump	Mechanical Room	1.5	-	-	208	3	W	15	-	-	3	1	3	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
PU-5	M	M	E	-	Domestic Hot Water Recirculation Pump	Mechanical Room	-	-	0.8	120	1	W	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
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UH-1	M	M	E	-	Hydronic Unit Heater	Mechanical Room	FRAC	-	-	120	1	W	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
UH-2	M	M	E	-	Hydronic Unit Heater	Mechanical Room	FRAC	-	-	120	1	W	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4
UH-3	M	M	E	-	Hydronic Unit Heater	Mechanical Room	FRAC	-	-	120	1	W	15	-	-	1	1	2	12	16	.	MAG	E	E	E	NFD	E	E	E	DDC	M	M	M	1;2;4

NOTES:

1. REFER TO THE MECHANICAL DRAWINGS FOR LOCATION OF ALL MECHANICAL EQUIPMENT.
2. REFER TO PANEL SCHEDULES FOR CIRCUIT NUMBERS.
3. PROVIDE 120V POWER FOR ALL CONTROL PANELS AS REQUIRED. CONTRACTOR TO COORDINATE WITH THE CONTROLS CONTRACTOR FOR EXACT QUANTITY.
4. COORDINATE ALL MECHANICAL EQUIPMENT BREAKER REQUIREMENTS AND WIRE REQUIREMENTS WITH MECHANICAL SHOP DRAWINGS FLA VALUES PRIOR TO ORDERING AND INSTALLING ELECTRICAL EQUIPMENT.

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

EQUIPMENT SCHEDULE LEGEND:

O	OWNER
E	ELECTRICAL CONTRACTOR
M	MECHANICAL CONTRACTOR
LS	LINE VOLTAGE SWITCH
LVT	LINE VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
DDC	DIRECT DIGITAL CONTROL
NFD	NON-FUSED DISCONNECT
ECP	EQUIPMENT CONTROL PANEL
IT	INTEGRAL THERMOSTAT
VFD	VARIABLE FREQUENCY DRIVE

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	CL	15.02.17

SEAL

PROVINCE OF MANITOBA — CL SARARAS Member 32618 — REGISTERED PROFESSIONAL ENGINEER

2015-02-13

DRAWN	GCN	CHECKED	CL	DESIGNED	CLS	APPROVED
DATE	2014.10.27	USER APPROVAL				

Winnipeg

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT

SHERBROOK POOL
REFURBISHMENT OF SHERBROOK POOL

381 SHERBROOK STREET

SHEET TITLE

ELECTRICAL
EQUIPMENT SCHEDULE

APEGM Certificate of Authorization KGS Group No. 245

KGS GROUP CONSULTING ENGINEERS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173	E19

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1