1 E002 PART MAIN FLOOR PLAN - LIGHTING
SCALE: 3/8"=1'-0"

2 E002 PART MAIN FLOOR PLAN - POWER AND SYSTEMS
SCALE: 3/8"=1'-0"

GENERAL NOTE

A. PROVIDE DEDICATED AND SEPARATE NEUTRAL CONDUCTOR FOR EACH LIGHTING CIRCUIT. SHARING OF NEUTRAL CONDUCTORS AMONG LIGHTING CIRCUITS ARE NOT ACCEPTABLE.

LIGHTING DRAWING NOTES:

1. CONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT, EXTEND/RELOCATE EXISTING WIRING AS REQUIRED.

POWER AND SYSTEMS DRAWING NOTES:

1. PROVIDE 120V SMOKE/CO ALARM C/W BATTERY BACKUP.
2. PROVIDE AIMLITE RMMD-2-12-14-7W-LA-WHT AND CONNECT TO EXISTING BATTERY BANK LOCATED IN MAINTENANCE ROOM. PROVIDE NEW VOLTAGE SENSING RELAY (AS REQUIRED) IN EXISTING BATTERY BANK AND MONITOR UNSWITCHED LIGHTING CIRCUITS IN THE WASHROOM.
3. PROVIDE DEDICATED 15A, 120V CIRCUIT FOR NEW HAND DRYER. HAND DRYER SHALL BE XLERATOR XL-SB (BRUSHED STAINLESS STEEL) TO MATCH EXISTING.
4. PROVIDE DEDICATED 15A, 120V CIRCUIT FOR ALL HARDWIRED PLUMBING FIXTURES. COORDINATE PROVISION OF LOW VOLTAGE TRANSFORMER, LOW VOLTAGE WIRING AND EXACT LOCATIONS WITH MECHANICAL.
5. CONNECT NEW EXHAUST FANS TO EXISTING LIGHTING CIRCUIT.

CONTRACT ADMINISTRATOR:

Kathy Roberts
Project Officer, Municipal Accommodations
Planning, Property and Development Department
City of Winnipeg
Phone: 204.470.7380
Email: kathyroberts@winnipeg.ca

1. DO NOT SCALE DRAWINGS; WRITTEN DIMENSIONS SHALL GOVERN.

2. CONTACT THE CONTRACT ADMINISTRATOR TO VERIFY ANY UNCLEAR OR ILLEGIBLE DIMENSION, SPECIFICATION AND/OR NOTE BEFORE COMMENCEMENT OF ANY CONSTRUCTION WORK OR RELATED SERVICES.

3. THESE DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO DEPICT EACH AND EVERY CONDITION OR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS IN THE BEST POSITION TO VERIFY THAT ALL CONSTRUCTION IS COMPLETED IN A MANNER THAT IS IN CONFORMANCE WITH ALL APPLICABLE STATUTORY REQUIREMENTS AND THE CONTRACT DOCUMENTS.

4. DO NOT PERFORM WORK THAT IS NOT IN CONFORMANCE WITH THIS DOCUMENT WITHOUT THE CONTRACT ADMINISTRATOR'S WRITTEN APPROVAL.

5. DO NOT USE THIS DOCUMENT FOR CONSTRUCTION PURPOSES UNTIL APPROVED BY AN AUTHORIZED AGENT OF THE CONTRACT ADMINISTRATOR.

REVISION HISTORY

No:	Issue Name	Issue Date:	By:
0	Issued for Const.	2021-01-05	DKG
1	Re-Issued for Construction	2021-01-12	DKG

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Project: 201577

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MOTOR/EQUIPMENT SCHEDULE

EQUIPMENT					FEED FROM	PKG	STARTER						CONTROLS				FIRE ALARM	REMARKS	SEE NOTES
ITEM	DESCRIPTION	LOCATION	KW/HP/AMPS	VOLTS/Ø		UNIT	TYPE	FUNC	PL	PB	HOA	SUPPLY BY	TYPE	SUPPLY BY	INSTALL BY	WIRE BY	SHUT DOWN		BELOW
EF-1	EXHAUST FAN	WASHROOM	FR. HP	120/1	EX. CCT	Y							MS	ELEC	ELEC	ELEC		INTERLOCK WITH WASHROOM LIGHTS	3,4,5
EF-2	EXHAUST FAN	WASHROOM	FR. HP	120/1	EX. CCT	Y							MS	ELEC	ELEC	ELEC		INTERLOCK WITH WASHROOM LIGHTS	3,4,5
RCP-1	HOT WATER CIRCULATING PUMP	BASEMENT	75W	120/1	EX. CCT	Y							MT	MECH	MECH	MECH		USE EX. HK RECEPT FOR POWER CONNECTION	3,4,5

GENERAL NOTES:

1. MANUAL MOTOR STARTER TO BE C/W PILOT LIGHT AND OVERCURRENT PROTECTION
2. ALL STARTERS TO BE SUPPLIED & INSTALLED BY THE ELECTRICAL CONTRACTOR (EC) UNLESS OTHERWISE NOTED.
3. DISCONNECT SWITCHES TO BE SUPPLIED & INSTALLED BY THE ELECTRICAL CONTRACTOR
4. ELECTRICAL CONTRACTOR TO PROVIDE CIRCUIT BREAKERS AND WIRING ACCORDING TO THE FINAL NAMEPLATES OF THE MECHANICAL EQUIPMENT AT NO COST.
5. REFER TO PANEL BOARD SCHEDULES AND SINGLE LINE DIAGRAM FOR MOTOR AND EQUIPMENT OVERLOAD PROTECTION.

F = FLOAT SWITCH
FVNR = FULL VOLTAGE NON-REVERSING
HOA = HAND/OFF/AUTO
INT = INTEGRAL
MAG = MAGNETIC STARTER
MAN = MANUAL STARTER
PL = PILOT LIGHT
PS = PRESSURE SWITCH
RVNR =REVERSE VOLTAGE NON-REVERSING
SS = SOFT STARTER

T = THERMOSTAT
Y = YES
AD = AMMONIA DETECTION SYSTEM
CHL = CHLORINE SENSOR
CO = CARBON MONOXIDE SENSOR
CO2 = CARBON DIOXIDE SENSOR
ES = END SWITCH
ESC = ELECTRONIC SPEED CONTROLLER
FS = FLOW SWITCH
H = HUMIDISTAT

LS = LEVEL SWITCH
MS = MANUAL SWITCH
MT = MANUAL TIMER (WALL MOUNTED)
TDS = TIME DELAY SWITCH (WALL MOUNTED)
DDC = DIGITAL DATA CONTROL SYSTEM
I = INTERLOCK
PB = PUSH BUTTON
RP = REMOTE PANEL
TC = TIME CLOCK
VFD = VARIABLE FREQUENCY DRIVE

APEGM
Certificate of Authorization
Tower Engineering Group
No. 4156

PROVINCE OF MANITOBA
Member 31171
REGISTERED PROFESSIONAL ENGINEER
2021-01-12

PROJECT #: 201577
ISSUE DATE: 2020-12-17
ISSUE NAME: IFC
PROJECT SUPERVISOR: DG
DRAFTED BY: RD
CHECKED BY: DG

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NO.	LAMPS NO.	LAMPS TYPE	VOLTS	MOUNTING	REMARKS	NOTES	WATTS
A1	LITHONIA	ZL1N-L48-SMR-5000LM-FST-MVOLT-40K-90CRI-WH	–	LED	120	S	4FT LINEAR	1,2	34
A2	LITHONIA	ZL1N-L24-SMR-2500LM-FST-MVOLT-40K-90CRI-WH	–	LED	120	S	2FT LINEAR	1,2	19
B	KUZCO	601484-LED-CHROME	–	LED	120	S/W	SCONCE	1,2	10
C	LITHONIA	LD4N-40/10/L04-WR-LD-MVOLT-GZ10	–	LED	120	R	4" POTLIGHT	1,2	11

NOTES:
1. ALL LAMPS ARE TO BE 4000°K AND A MINIMUM 90 CRI UNLESS NOTED OTHERWISE.
2. FINISH AS SELECTED BY CONTRACT ADMINISTRATOR.
3. ALL SCREW-IN BASE FIXTURES TO BE LAMPED WITH LED TYPE.

S = SURFACE
R = RECESSED
C = CEILING
W = WALL
V = VALANCE
P = PENDANT
TB = T-BAR
DW = DRYWALL
CH = CHAIN

PROJECT ADDRESS: 2021 Main St
Winnipeg, MB, R2V 2B9
PROJECT TYPE: COMMERCIAL INTERIOR ALTERATION
TENDER #: 911-2021
PROJECT NAME:
KILDONAN PARK
GOLF COURSE CLUBHOUSE
WOMEN'S WASHROOM
RENOVATIONS
2021 MAIN ST.
PART MAIN FLOOR PLAN
RENOVATION

E002