NOTE:
NOT ALL SYMBOLS SHOWN ON THIS LEGEND ARE NECESSARILY USED ON THIS PROJECT.

ELECTRICAL SYMBOL LEGEND

LIGHTING

- LINEAR LUMINAIRE, TYPE 'A' AS SPECIFIED, HATCHING DENOTES CONNECTED TO EMERGENCY/NIGHT LIGHTING CIRCUIT
- A — CEILING MOUNTED LUMINAIRE, TYPE 'A' AS SPECIFIED
- A — WALL MOUNTED LUMINAIRE, TYPE 'A' AS SPECIFIED
- DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING REMOTE HEADS, TYPE 'BU-1' INDICATES BATTERY BANK FED FROM
- CEILING MOUNTED EMERGENCY LIGHTING REMOTE HEAD
- BU-1 — EMERGENCY LIGHTING BATTERY UNIT C/W DUPLEX RECEPTACLE AND DOUBLE REMOTE HEADS. TYPE 'BU-1' AS SPECIFIED.
- BU-1 — WALL MOUNTED DOUBLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN. 'BU-1' INDICATES BATTERY UNIT FED FROM.
- WALL MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.
- CEILING MOUNTED DOUBLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.
- CEILING MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.

SECURITY AND ACCESS SYSTEMS

- CP — SECURITY SYSTEM CONTROL PANEL
- KP — KEY PAD
- CR — CARD READER
- EM — EGRESS MOTION DETECTOR
- DC — DOOR CONTACT
- ES — ELECTRIC STRIKE
- MD — MOTION DETECTOR
- PA — PANIC ALARM BUTTON

EQUIPMENT CONNECTIONS AND CONTROLS

- DIRECT CONNECTION - 120 OR 208V AS SPECIFIED
- DIRECT CONNECTION - 347 OR 600V AS SPECIFIED
- DIRECT CONNECTION - 120 OR 208V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- DIRECT CONNECTION - 347 OR 600V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- MOTOR CONNECTION AS SPECIFIED
- MOTOR CONNECTION C/W UNFUSED DISCONNECT SWITCH
- UNFUSED DISCONNECT SWITCH
- H — HAND/HAIR DRYER
- C — CONTACTOR - SIZE AND NUMBER OF POLES AS SPECIFIED
- R — RELAY
- BC — BLANK COVER
- MASTER CLOCK CONTROL PANEL
- POWER ACTIVATED DOOR EXIT BUTTON SUPPLIED BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL
- SP — RECESS MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION
- SP — SURFACE MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION

GENERAL POWER

- 15A, U-GROUND DUPLEX RECEPTACLE
- (5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE
- 15A, U-GROUND SINGLE OR DUPLEX RECEPTACLE - MOUNTED ABOVE COUNTER
- 15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER
- (5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER
- M — MOTORIZED DAMPER

FIRE ALARM SYSTEM

- PULL STATION
- HORN STROBE COMBINATION
- AUTOMATIC COMBINATION FIXED TEMPERATURE/RATE OF RISE HEAT DETECTOR - WALL OR CEILING MOUNTED
- AUTOMATIC FIXED TEMPERATURE HEAT DETECTOR - WALL OR CEILING MOUNTED
- SMOKE DETECTOR - WALL OR CEILING MOUNTED
- DM — DUCT TYPE SMOKE DETECTOR WITH REMOTE ANNUNCIATION
- CARBON MONOXIDE DETECTOR - WALL OR CEILING MOUNTED
- STROBE - WALL OR CEILING MOUNTED
- DH — DOOR HOLDER
- FP — RECESS MOUNTED - FIRE ALARM CONTROL PANEL

LIGHTING CONTROL

- $ $$ $$$ — ONE, TWO, THREE AND FOUR GANG SINGLE POLE TOGGLE SWITCHES
- 3 $ — 3-WAY SWITCH
- 4 $ — 4-WAY SWITCH
- A $ — SWITCH MOUNTED OCCUPANCY SENSOR, TYPE 'A' AS SPECIFIED
- A D — DIMMER SWITCH, TYPE 'A' AS SPECIFIED
- OS — CEILING MOUNTED OCCUPANCY SENSOR, TYPE 'A' AS SPECIFIED
- PE — PHOTO ELECTRIC CONTROL

MISCELLANEOUS

- E — INDICATES EXISTING DEVICE TO REMAIN
- MV — INDICATES EXISTING DEVICE TO BE MOVED
- R — INDICATES EXISTING DEVICE IN RELOCATED POSITION
- D — INDICATES EXISTING DEVICE TO BE DEMOLISHED
- INDICATES CONDUIT
- 1 (TYP.) — ELECTRICAL DRAWING NOTES

COMMUNICATIONS

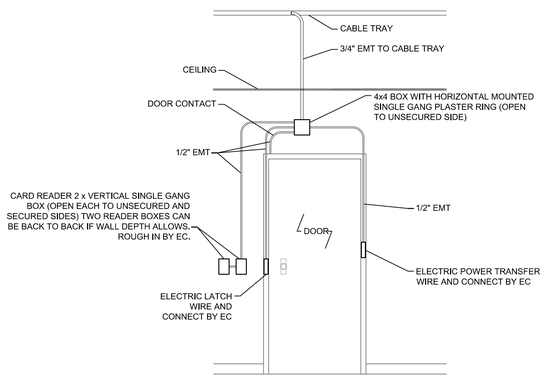
- TV — TELEVISION OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER
- TV — COMBINATION VOICE/DATA OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER
- INTERCOM MASTER STATION
- INTERCOM STATION
- SP — FLUSH MOUNTED AUXILIARY SOUND SYSTEM SPEAKER - WALL MOUNTED OR CEILING MOUNTED
- SP — SURFACE MOUNTED AUXILIARY SOUND SYSTEM SPEAKER - WALL MOUNTED OR CEILING MOUNTED
- M — MICROPHONE JACK
- V — VOLUME CONTROL SWITCH
- AMP — AMPLIFIER
- PA — CONSOLE OR RACK C/W TERMINAL BOX

ELECTRICAL DRAWING LIST

E1.0	DRAWING LIST AND ELECTRICAL SYMBOL LEGEND
E1.1	SITE PLAN ELECTRICAL
ED2.0	BASEMENT FLOOR PLAN DEMOLITION ELECTRICAL
EDL2.1	MAIN FLOOR PLAN DEMOLITION LIGHTING
EDP2.1	MAIN FLOOR PLAN DEMOLITION POWER & SYSTEMS
E2.0	BASEMENT FLOOR PLAN ELECTRICAL
EL2.1	MAIN FLOOR PLAN LIGHTING
EP2.1	MAIN FLOOR PLAN POWER & SYSTEMS
E4.0	PANEL SCHEDULES DISTRIBUTION SCHEMATIC
E5.0	ELECTRICAL PANELBOARD SCHEDULES

ABBREVIATIONS

CH	-	CHILDPROOF
CP	-	COPY MACHINE
CSTE	-	CUSTOMER SERVICE TERMINATION ENCLOSURE
D	-	DELETE
E	-	EXISTING
MV	-	EXISTING TO BE MOVED
MW	-	MOUNTED IN MILLWORK
NIC	-	NOT IN CONTRACT
NL	-	NIGHT LIGHT
NTS	-	NOT TO SCALE
PA	-	PUBLIC ADDRESS
PR	-	PRINTER
QP	-	QUAD PLEX
R	-	REPLACE WITH NEW
RL	-	RELOCATE(D)
TYP	-	TYPICAL
UC	-	UNDER COUNTER
VM	-	VENDING MACHINE
WC	-	WATER COOLER
WG	-	WIRE GUARD
WL	-	WET LOCATION
WP	-	WEATHERPROOF
WT	-	WATER TIGHT
WTP	-	WATERPROOF



1 / E1.0 DOOR ROUGHIN DETAIL
SCALE: NTS

ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH IN FOR ALL DOOR HARDWARE AND SECURITY DEVICE PROVIDED BY OTHER OR THE OWNER.

LUMINAIRE SCHEDULE

TYPE	REMARKS	MANUFACTURER	CATALOGUE NO.	VOLTS	LAMP	TOTAL WATTS FOR LUM	TYPE OF DRIVER
B2	RECESSED LED 2X4	LITHONIA OR EQUAL	EPANL 2X2 4800LM 80CRI 40K MIN10	120V	LED		0-10
C	RECESSED 1X4 WET LOCATION	LITHOINA OR EQUAL	2WRLT G L48 18000LM IAW AFL 40K 80CRI WH	120V	LED		0-10
D4	4" 4 FOOT RECESSED IN TBAR WHITE FINISH	FINELITE OR EQUAL	HP4-R-D-4-S 940 F 96LG SC FC10% SW	120	LED	148	0-10
D8	4" 8 FOOT RECESSED IN TBAR WHITE FINISH	FINELITE OR EQUAL	HP4-R-D-8-S 940 F 96LG SC FC10% SW	120V	LED	296	0-10
D8	4" 6 FOOT LENGTH SURFACE MOUNTED IN CANOPY, WHITE FINISH RATED FOR WET LOCATION.	FINELITE OR EQUAL	HP 4WL SM D 6 S 940 F 96 120 SC FC 10% FE SW	120V	LED	212	0-10
D8A	4" 8 FOOT LENGTH SUSPENDED FROM T-BAR, WHITE FINISH RATED FOR WET LOCATION. ROW SHALL FOLLOW THE LINE OF THE CEILING GRID.	FINELITE OR EQUAL	HP 4WL P D 8 S 940 F 96 120 SC FC 10% C1 FE SW	120V	LED	296	0-10
D8B	4" 8 FOOT LENGTH SUSPENDED FROM STRUCTURE, WHITE FINISH RATED FOR WET LOCATION.	FINELITE OR EQUAL	HP 4WL P D 8 S 940 F 96 120 SC FC 10% C4 FE SW	120V	LED	296	0-10
F	SURFACE 7" ROUND LED	JUNO OR EQUAL	JSF 7IN 40K 90CRI WH	120V	LED		0-10
H1	WAVE+ 2' LENGTH STANDARD AIMING, 4000K, STANDARD ACRYLC LENSES WITHOUT DEFLECTOR	LUXDYNAMICS	WAVEP-2-840-U10-WSA2	120V	LED 64855	435	0-10
H2	WAVE+ 2' LENGTH STANDARD AIMING, 4000K, STANDARD ACRYLC LENSES WITHOUT DEFLECTOR	LUXDYNAMICS	WAVEP-2-840-U10-WSA3	120V	LED 64856	435	0-10
H3	WAVE+ 1 LENGTH STANDARD AIMING, 4000K, STANDARD ACRYLC LENSES WITHOUT DEFLECTOR	LUXDYNAMICS	WAVEP-1-840-U10-WSA2	120V	LED 33619	220	0-10
J	WALL PACK TO REPLACE EXISTING IN SAME LOCATION	LITHOINA OR EQUAL	ARC2LED P3 40K MVOLT DWHXD	120V	LED	25	0-10

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

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

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0	22/12/2023	ISSUED FOR CONSTRUCTION	DG

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DRAWING LIST AND ELECTRICAL SYMBOL LEGEND

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