

ELECTRICAL SYMBOL LEGEND		ELECTRICAL DOCUMENT LIST
<p>NOTE: NOT ALL SYMBOLS SHOWN ON THIS LEGEND ARE NECESSARILY USED ON THIS PROJECT.</p>		
<p>EQUIPMENT CONNECTIONS AND CONTROLS</p> <p>⊙ DIRECT CONNECTION - 120 OR 208V AS SPECIFIED</p> <p>⊙⊠ DIRECT CONNECTION - 120 OR 208V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED</p> <p>⊙⊠⊠ DIRECT CONNECTION - 120 OR 208V C/W FUSED DISCONNECT SWITCH AS SPECIFIED</p> <p>⊙ MOTOR CONNECTION AS SPECIFIED</p> <p>⊙⊠ MOTOR CONNECTION C/W UNFUSED DISCONNECT SWITCH</p> <p>⊠ HAND DRYER</p> <p>⊠ THERMOSTAT PROVIDED AND WIRED BY ELECTRICAL</p> <p>⊠ THERMOSTAT PROVIDED BY MECHANICAL AND WIRED BY ELECTRICAL</p> <p>⊠ POWER ACTIVATED DOOR EXIT BUTTON SUPPLIED BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL</p> <p>SP RECESSED MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION</p> <p>SP SURFACE MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION</p> <p>GENERAL POWER</p> <p>⊕ 15A, U-GROUND DUPLEX RECEPTACLE</p> <p>⊕ (5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE</p> <p>⊕ 15A, U-GROUND DUPLEX RECEPTACLE - MOUNTED ABOVE COUNTER</p> <p>POWER DISTRIBUTION</p> <p>⊠ DISCONNECT SWITCH</p> <p>⊠ MOLDED CASE CIRCUIT BREAKER</p> <p>⊕ KW/HR METER</p> <p>ELECTRIC HEATING</p> <p>BBH1 ELECTRIC BASEBOARD HEATER, TYPE 'BBH1' AS SPECIFIED</p> <p>FFH1 RECESSED MOUNTED - ELECTRIC FORCE FLOW HEATER, TYPE 'FFH1' AS SPECIFIED</p> <p>UH1 ELECTRIC UNIT HEATER, TYPE 'UH1' AS SPECIFIED</p>	<p>LIGHTING</p> <p>⊠ LINEAR FLUORESCENT LUMINAIRE, TYPE 'A' AS SPECIFIED. HATCHING DENOTES CONNECTED TO EMERGENCY/NIGHT LIGHTING CIRCUIT</p> <p>⊕ CEILING MOUNTED LUMINAIRE, TYPE 'A' AS SPECIFIED</p> <p>⊕ WALL MOUNTED LUMINAIRE, TYPE 'A' AS SPECIFIED</p> <p>⊕ DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING REMOTE HEADS, TYPE 'BU-1' INDICATES BATTERY BANK FED FROM</p> <p>⊕ WALL MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.</p> <p>⊕ CEILING MOUNTED DOUBLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.</p> <p>⊕ CEILING MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN.</p> <p>LIGHTING CONTROL</p> <p>\$\$\$ ONE, TWO, THREE AND FOUR GANG SINGLE POLE TOGGLE SWITCHES</p> <p>3 3-WAY SWITCH</p> <p>⊕ CEILING MOUNTED OCCUPANCY SENSOR, TYPE 'A' AS SPECIFIED</p> <p>⊕ PHOTO ELECTRIC CONTROL</p> <p>⊕ REMOTE LED DRIVER</p> <p>MISCELLANEOUS</p> <p>--- INDICATES CONDUIT</p> <p>⊠ ELECTRICAL DRAWING NOTES (TYP.)</p> <p>COMMUNICATIONS</p> <p>▽ DATA OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER</p> <p>◇ DATA OUTLET - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE</p> <p>◇ DATA OUTLET - FLUSH FLOOR MOUNTED</p>	<p>E1.0 ELECTRICAL SYMBOL LEGEND, DRAWING LIST & SCHEDULES</p> <p>EL2.0 MAIN FLOOR - LIGHTING LAYOUT</p> <p>EP2.0 MAIN FLOOR - POWER & SYSTEMS LAYOUT</p> <p>ME1.0 MECHANICAL AND ELECTRICAL DATA SHEETS</p> <p>ELECTRICAL SPECIFICATION</p> <p>ABBREVIATIONS</p> <p>A - AMPERES</p> <p>AFF - ABOVE FINISHED FLOOR</p> <p>BB - BASEBOARD HEATER</p> <p>C - CONDUCTOR</p> <p>CLG - CEILING MOUNTED</p> <p>CNDT - CONDUIT</p> <p>DB - DIRECT BURIED</p> <p>EC - EMPTY CONDUIT</p> <p>EF - EXHAUST FAN</p> <p>EH - ELECTRIC HEATER</p> <p>FF - FORCE FLOW</p> <p>GF - GROUND FAULT CIRCUIT INTERRUPTER</p> <p>HP - HORSEPOWER</p> <p>INT - INTERLOCK</p> <p>kVA - KILO VOLT-AMPERES</p> <p>kW - KILOWATTS</p> <p>LTG - LIGHTING</p> <p>MTD - MOUNTED</p> <p>MTG - MOUNTING</p> <p>NIC - NOT IN CONTRACT</p> <p>NTS - NOT TO SCALE</p> <p>PNL - PP POWER PANEL</p> <p>QP - QUAD PLEX</p> <p>SM - SURFACE MOUNTED</p> <p>TEL - TELEPHONE</p> <p>TYP - TYPICAL</p> <p>UC - UNDER COUNTER</p> <p>V - VOLT</p> <p>WL - WET LOCATION</p> <p>WP - WEATHERPROOF</p>

PANEL	A		FED FROM:	MH SERVICE				
VOLTAGE:	120/240V/1Ø/3W	400A MAINS	MOUNTING:	SURFACE				
POWER:			POWER:	NORMAL				
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
PANEL B	10266	125	1	A	21	25	2000	DWHT-1
MECH RM - RECEPTACLES - 1R	10266		2	B	22		1000	MENS WR - HAND DRYER
WOMENS WASHRM - RECEPTACLES - 1R	400	20	3	A	23	20	1000	
UTR - RECEPTACLES - 1R	400	20	4	B	24		1000	UTR - HAND DRYER
MENS WASHRM - RECEPTACLE - 1R	400	20	5	A	25	20	1000	
MECH RM - UNIT HEATER	1500	20	6	B	26		1000	WOMENS WR - HAND DRYER
	1500		7	A	27		1000	
WOMENS WASHRM - FORCE FLOW	1500	20	8	B	28		1500	HC-2
	2500		9	A	29	30	1500	
UTR - FORCE FLOW	1000	15	10	B	30			SPACE
	1000		11	A	31			SPACE
MENS WASHRM - FORCE FLOW	2500	30	12	B	32			SPACE
	2500		13	A	33			SPACE
WASHROOM DOOR OPERATORS	1000	20	14	B	34			SPACE
WASHROOM AND MECH ROOM LTG	360	15	15	A	35			SPACE
COVERED PATIO LTG	540	15	16	B	36	15		SPACE
HRV-2	696	15	17	A	37	15		SPACE
PHC-2	7000	80	18	B	38	15		SPACE
			19	A	39	20		SPACE
			20	B	40	20		SPACE
LIGHTING 1.26		ELECTRIC WATER HEATING 2.00		MOTORS 2.27		ELECTRIC RAMP HEATING		
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS 11.20		LAUNDRY EQUIPMENT		
ELECTRIC HEATING 48.00		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		
TOTAL (kVA) 64.73								

PANEL	B		FED FROM:	PANEL A				
VOLTAGE:	120/240V/1Ø/3W	225A MAINS	MOUNTING:	RECESSED (FLUSH)				
POWER:			POWER:	NORMAL				
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
MPR - RECEPTACLES - 2R	400	15	1	A	13	15	500	BASEBOARD HEATER
MPR - RECEPTACLES - 2R	400	15	2	B	14		500	
MPR - DOOR OPERATOR	1000	20	3	A	15			SPACE
MPR - LTG	360	15	4	B	16			SPACE
HRV-1	396	15	5	A	17			SPACE
	588		6	B	18			SPACE
F-1	588	15	7	A	19			SPACE
	2500		8	B	20	15		SPACE
PHC-1	2500	30	9	A	21	15		SPACE
	5000		10	B	22	15		SPACE
HC-1	5000	60	11	A	23	20		SPACE
EXTERIOR REC - 2R	800	15	12	B	24	20		SPACE
LIGHTING 0.36		ELECTRIC WATER HEATING		MOTORS 1.57		ELECTRIC RAMP HEATING		
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS 2.60		LAUNDRY EQUIPMENT		
ELECTRIC HEATING 16.00		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		
TOTAL (kVA) 20.53								

TO MANITOBA HYDRO O/H SERVICE

