ELECTRICAL HEATER SCHEDULE

MARK	DESCRIPTION	WATTAGE	VOLTAGE	PHASE	LENGTH	MANUFACTURER	MODEL SERIES	CONTROL DEVICE COMPONENT	CONTROL DEVICE FURN. INST. WIRE.	NOTES
BB3.05G	ELECTRIC BASEBOARD HEATER. 275 W/FT.	500 W	347 V	1	28"	OUELLET	OFM	LN-R	DIV. 26 DIV. 26 DIV. 26	
BB3.07G	ELECTRIC BASEBOARD HEATER. 275 W/FT.	750 W	347 V	1	37"	OUELLET	OFM	LN-R	DIV. 26 DIV. 26 DIV. 26	
BB3.20G	ELECTRIC BASEBOARD HEATER. 275 W/FT.	2,000 W	347 V	1	84"	OUELLET	OFM	LN-R	DIV. 26 DIV. 26 DIV. 26	
BB3.25G	ELECTRIC BASEBOARD HEATER. 275 W/FT.	2,500 W	347 V	1	102"	OUELLET	OFM	LN-R	DIV. 26 DIV. 26 DIV. 26	
FF3.05A	STANDARD FAN-FORCE COMMERCIAL WALL HEATER	5,000 W	347 V	1		OUELLET	OAC	IT	---	
RP26	610mm x 1220mm (2' X 4') RADIANT ELECTRIC HEATING PANEL. COMPLETE WITH SEAL TIGHT FLEXIBLE CONDUIT AND CONNECTORS AND FACTORY SILICONE SEALED BODY.	1,500 W	347 V	1	48"	QMARK		LN-R	DIV. 26 DIV. 26 DIV. 26	
RP27	610mm x 1220mm (2' X 4') RADIANT ELECTRIC HEATING PANEL.	750 W	208 V	1	48"	QMARK		LN-R	DIV. 26 DIV. 26 DIV. 26	
RP30	610mm x 1220mm (2' X 4') RADIANT ELECTRIC HEATING PANEL. COMPLETE WITH SEAL TIGHT FLEXIBLE CONDUIT AND CONNECTORS AND FACTORY SILICONE SEALED BODY.	750 W	347 V	1	48"	QMARK		LN-R	DIV. 26 DIV. 26 DIV. 26	
UE3.02	ELECTRIC UNIT HEATER COMPLETE WITH FACTORY SEALED HEATING ELEMENT AND 24V REMOTE THERMOSTAT	2,000 W	347 V	1		OUELLET	OAS	LN-R	DIV. 26 DIV. 26 DIV. 26	1
UE3.03	ELECTRIC UNIT HEATER COMPLETE WITH FACTORY SEALED HEATING ELEMENT AND 24V REMOTE THERMOSTAT	3,000 W	347 V	1		OUELLET	OAS	LN-R	DIV. 26 DIV. 26 DIV. 26	1
UE3.05	ELECTRIC UNIT HEATER COMPLETE WITH FACTORY SEALED HEATING ELEMENT AND 24V REMOTE THERMOSTAT	5,000 W	347 V	1		OUELLET	OAS	LN-R	DIV. 26 DIV. 26 DIV. 26	1
UE3.10	ELECTRIC UNIT HEATER COMPLETE WITH FACTORY SEALED HEATING ELEMENT AND 24V REMOTE THERMOSTAT	10,000 W	347 V	1		OUELLET	OAS	LN-R	DIV. 26 DIV. 26 DIV. 26	1

CONTROL DEVICES:

LN-IT	LINE VOLTAGE INTERNAL TAMPERPROOF BI-METAL THERMOSTAT T-STAT	LW-IT	LOW VOLTAGE INTERNAL TAMPERPROOF BI-METAL THERMOSTAT	IT	INTERNAL TAMPERPROOF THERMOSTAT
LN-ID	LINE VOLTAGE INTERNAL DIAL BI-METAL THERMOSTAT	LW-ID	LOW VOLTAGE INTERNAL DIAL THERMOSTAT	ID	INTERNAL DIAL THERMOSTAT
LN-R	LINE VOLTAGE REMOTE BI-METAL THERMOSTAT	LW-R	LOW VOLTAGE REMOTE BI-METAL THERMOSTAT		

GENERAL NOTES:

A. HEATER OUTPUT SHALL BE AS INDICATED AT SPECIFIED VOLTAGE.
B. BASEBOARD HEATERS AND FORCE FLOW HEATERS SHALL BE WHITE IN COLOUR. CONFIRM FINISH WITH ARCHITECT.
C. OUELLET, CHROMALOX, STELPRO, AND Q-MARK MEETING ABOVE SPECIFICATIONS ARE APPROVED EQUAL MANUFACTURERS.
D. WHERE BASEBOARD HEATERS ARE SPECIFIED, LINEAR CONVECTORS ARE NOT APPROVED EQUAL.
E. ALL DRAFT BARRIER HEATERS SHALL BE COMPLETE WITH FINISHED BACK AND PEDESTAL MOUNTS.
F. ALL LOW-VOLTAGE CONTROLLED HEATERS SHALL BE COMPLETE WITH LOW VOLTAGE RELAY AND TRANSFORMER KIT FOR LOW VOLTAGE THERMOSTAT CONNECTION.

NOTES:

1. SUSPENDED FROM STRUCTURE.

EQUIPMENT CONNECTION SCHEDULE

NO.	DESCRIPTION	LOAD HP	LOAD A	LOAD W	VOLT	PH	CIRCUIT	CIRCUIT BREAKER	CONDUIT & WIRE SIZE	STARTER COMPONENT	STARTER FURN. INST. WIRED	CONTROL DEVICE COMPONENT	CONTROL DEVICE FURN. INST. WIRED	DISCONNECT COMPONENT	DISCONNECT FURN. INST. WIRED	NOTES
ADO	AUTOMATIC DOOR OPERATOR				120 V	1		15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	---	---	
BFC-1	BOTTLE FILLER COMPRESSOR	25			600 V	3	M100-22,24,26	30A/3P	1 SET 21(3/4")C 3#10R90, #12 BOND	PKG	---	PKG	---	NFS	DIV. 26 DIV. 26 DIV. 26	
BS-1	CO2 BUMP STATION		5 A		120 V	1	P1-62	15A/1P	---	---	---	DIGITAL CONTROL	DDC DIV. 23	---	---	
DC-1	PPE DRYING CABINET				208 V	3	P1-51,53,55	15A/3P	1 SET 21(3/4")C 3#12R90, #12 GND	---	---	DIGITAL CONTROL	DDC DIV. 23	---	---	
DW-1	DISHWASHER		22 A		208 V	1	P1-58,60	30A/2P	1 SET 21(3/4")C 3#10R90, #12 BOND	---	---	---	---	CB	DIV 26 DIV 26 DIV 26	
ESM-1	ELECTRIC SNOW MELT SYSTEM		33.6 A		208 V	1	P2-54,56	50A/2P	1 SET 21(3/4")C 2#6R90, #10 BOND	---	---	DIGITAL CONTROL	DIV. 26 DIV. 26 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
FSS	FIRE SUPPRESSION SYSTEM				120 V	1	P2-50	0A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DIGITAL CONTROL	DDC DIV. 23 DIV. 23	---	---	
GDO-1A	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-41,43,45	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-1B	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-40,42,44	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-2A	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-35,37,39	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-2B	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-34,36,38	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-3A	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-29,31,33	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-3B	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-28,30,32	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-4A	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-23,25,27	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-4B	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-22,24,26	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-5A	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-17,19,21	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GDO-5B	GARAGE DOOR OPERATOR		4.6 A		208 V	3	P1-16,18,20	15A/3P	1 SET 21(3/4")C 3#12R90, #12 BOND	PKG	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	NFS	DIV. 26 DIV. 26 DIV. 26	
GE-1	GEAR EXTRACTOR		5 A		208 V	3	P1-57,59,61	15A/3P	1 SET 21(3/4")C 3#12R90, #12 GND	---	---	---	---	---	---	
GV-1	GAS SOLENOID VALVE		15 A		120 V	1	P2-50	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	FSS	---	---	---	4
HST CTRL-1	HOIST CONTROLLER				120 V	1	EM-67	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG PB	DIV. 08 DIV. 08 DIV. 26	---	---	
HST CTRL-2	HOIST CONTROLLER				120 V	1	EM-67	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	
HST-1	HOIST MOTOR	0.34			208 V	3	EM-64,66,68	15A/3P	1 SET 21(3/4")C 3#10R90, #12 BOND	PKG	---	PKG	---	NFS	DIV. 26 DIV. 26 DIV. 26	
PTD	PAPER TOWEL DISPENSER		1 A		120 V	1		15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	
RG-1	ELECTRIC RANGE		48 A		208 V	3	P1-52,54,56	60A/3P	1 SET 21(3/4")C 3#6R90, #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
SWD-1	STACKABLE WASHER DRYER		25 A		208 V	1	P2-47,49	40A/2P	1 SET 21(3/4")C 2#8R90, #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	

STARTER TYPE:

MAG	MAGNETIC
MAN	MANUAL
PKG	PACKAGED UNIT
VFD	VARIABLE FREQUENCY DRIVE

STARTER VARIETY:

2-SPD	TWO SPEED
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
MS	MULTI-SPEED
RVS	REDUCED VOLTAGE

STARTER OPTIONS:

GP	GREEN (POWER) PILOT LIGHT
HOA	HAND-OFF-AUTO SWITCH
O/O	ON-OFF SELECTOR SWITCH
RP	RED (RUN) PILOT LIGHT
S/S	STOP-START PUSHBUTTONS

COMBINATION DISCONNECT TYPES:

CB	CIRCUIT BREAKER
FS	FUSED SWITCH
MCP	MOTOR CIRCUIT PROTECTOR
NFS	NON-FUSED SWITCH

ABBREVIATIONS:

AS	AQUASTAT	MC	MECHANICAL CONTRACTOR
CP	CONTROL PANEL	MOS	MOTION SENSOR
DCP	DUPLEX CONTROLLER	PB	PUSH BUTTON
EC	ELECTRICAL CONTRACTOR	SC	SPEED CONTROL
GC	GENERAL CONTRACTOR	TC	TIME CLOCK
HS	HUMIDSTAT	TS	THERMOSTAT
INT	INTERLOCKED (WITH)	OWN	OWNER
KS	KEY SWITCH		

GENERAL NOTES:

A. CIRCUITING IS REPRESENTATIONAL ONLY. CONFIRM CIRCUITING ARRANGEMENTS ON SITE WITH EXISTING CONDITIONS.
B. CONFIRM REQUIREMENTS WITH EQUIPMENT SHOP DRAWINGS PRIOR TO INSTALLATION.

NOTES:

1. COORDINATE LOCATION OF DEVICE WITH ARCHITECTURAL DRAWINGS.
2. COORDINATE CONNECTION LOCATION WITH EQUIPMENT SHOP DRAWINGS AND WALL TEMPLATE.
3. PROVIDE CONNECTION TO FIRE ALARM SYSTEM FOR FIRE ALARM EMERGENCY OPERATIONS.
4. PROVIDE INPUT FROM FIRE ALARM SYSTEM TO DEACTIVATE GAS SOLENOID ON FIRE ALARM.

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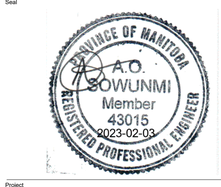

Project
WFPS STATION 9

1083 AUTUMNWOOD DRIVE

Sheet Title
ELECTRICAL SCHEDULES

Project No. 22028

Sheet E6.2