	EQUIPMENT		ELECTRICA	L CHAR	ACTERISTICS	DACKAG		STARTER		CIR	CUITRY INFO	ORMATION		NOTES
TEM	DESCRIPTION	LOCATI	KW(HP)	AMPS	VOLTS/Ø	⊣	HOA PILOT LIGHT		SUPPLIED BY	PANEL-CCT	O.C.P	WIRE	COND	
HE1	ELECTRIC HEATER		7.5 KW	7.22	600/3					EXISTING MCC	15A/3P			1
HE3	ELECTRIC HEATER		20 KW	19.25	600/3					EXISTING MCC	30A/3P			1
E	EXISTING HEATER/ HEATING COIL 1													1, 2
E	EXISTING HEATER/ HEATING COIL 2													1, 2

									NEW MECHAN	IICAL EQUIPMENT S	CHEDULE							
EQUIPMENT ELECTRICAL CHARACTERISTICS PACKAGED STARTER CONTROLS												NOTES						
ITEM	DESCRIPTION	LOCATION	KW	HP	AMPS	VOLTS/Ø	UNIT	TYPE HOA PILOT LIGHT	PUSH BUTTON	SUPPLIED BY	TYPE SUPPLIED BY	INSTALL BY	WIRED BY	PANEL-CCT	O.C.P	WIRE	CONDUIT	
AHU-R600	COMPACT MAKE-UP AIR UNIT	CEILING	35		33.68	600/3					- MECH	MECH	ELEC	SEE DRAWING	SEE SLD	SEE SLD	SEE SLD	1,2,3,4
AHU-R610	COMPACT MAKE-UP AIR UNIT	CEILING	8		7.7	600/3					MECH	MECH	ELEC	SEE DRAWING	SEE SLD	SEE SLD	SEE SLD	1,2,3,4
EF-R601	EXHAUST FAN	CEILING	0.342	1/4	2.85	120/1					- MECH	MECH	ELEC	SEE DRAWING	SEE PANEL SCHEDULE	SEE PANEL SCHEDULE	SEE PANEL SCHEDULE	1,2,3,4
EF-R611	EXHAUST FAN	CEILING	0.168	1/10	1.4	120/1					- MECH	MECH	ELEC	SEE DRAWING	SEE PANEL SCHEDULE	SEE PANEL SCHEDULE	SEE PANEL SCHEDULE	1,2,3,4
UH-R602	UNIT HEATER	CEILING	10	1/30	9.62	600/3					- MECH	MECH	ELEC	EXISTING MCC	SEE SLD	SEE SLD	SEE SLD	1,2,3,4
UH-R612	UNIT HEATER	CEILING	2	1/30	1.92	600/3					- MECH	MECH	ELEC	EXISTING MCC	SEE SLD	SEE SLD	SEE SLD	1,2,3,4

NOTES:

ELECTRICAL CONTRACTOR SHALL CONFIRM FINAL LOCATION OF ALL EQUIPMENT WITH MECHANICAL DRAWINGS PRIOR TO ROUGHING IN OF CONDUIT. CONFIRM FINAL EQUIPMENT RATINGS AND NAMEPLATES WITH MECHANICAL PRIOR TO ROUGHING-IN OF CONDUIT, WIRING AND CIRCUIT 1. BREAKERS. SIZE OVER PROTECTION ACCORDINGLY. INFORM ENGINEER OF ANY DISCREPANCIES AND OR DEVIATIONS PRIOR TO ROUGHING IN OF STARTERS

2. CONFIRM ON SITE SOURCE PANEL AND SOURCE BREAKER FEEDING HEATERS/HEATING COILS

PROVIDE FOR THE CONTROL. CONFIRM LOCATION WITH MECHANICAL CONTRACTOR.

MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL LOW VOLTAGE CONTROLS WITH LOW VOLTAGE WIRING. ELECTRICAL CONTRACTOR MAN=MANUAL STARTER SHALL PROVIDE ALL LINE VOLTAGE POWER AND CONTROLS. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ALL CONDUIT 2. REQUIRED FOR CONTROLS TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE LINE VOLTAGE CONNECTION TO THE TRANSFORMER WHICH MECHANICAL SHALL

3. CABLE FOR VFD CONNECTIONS.

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED MOTOR DISCONNECT FOR THE EQUIPMENTS. CONTRACTOR TO CONFIRM EQUIPMENT 4. RATING AND PROVIDE POWER CONNECTION AS PER MANUFACTURER RECOMMENDATIONS AT NO EXTRA COST.

LEGEND:

CON=CONTACTOR

CONTROLS:

T'STAT= THERMOSTAT H'STAT= HUMIDISTAT

EMCS = ENERGY MANAGEMENT CONTROL SYSTEM MAG=MAGNETIC STARTER VFD=VARIABLE FREQUENCY DRIVE TC = TIME CLOCK

MT = MANUAL TIMER TOG=MOTOR RATED TOGGLE SWITCH MS = MANUAL SWITCH

VSC = VARIABLE SPEED CONTROL APS = AIR PROVIDING SWITCH

COD = CARBON MONOXIDE DETECTOR FA = FIRE ALARM INTERLOCK AUTO = INTERGRAL AUTO SWITCH ACTIVATION

FLOAT = FLOAT SWITCH

	ELECTRIC HEATER SCHUDULE												
TYPE	STYLE	MANUFACTURER	CATALOGUE NUMBER	FINISH	MOUNTING	ОСР	WIRE	COND	HEATING ELEMENT	VOLTAGE	ADDITIONAL INFORMATION		
	UNIT HEATER	OUELLET	OAS02036AM-RT		CEILING	15A/3P	3-#12 AWG RW90 CU + GRD	21mm	2 KW	600/3 PHASE	PROVIDE FIELD INSTALLED WALL MOUNTED THERMOSTAT. T822K1034 (MECHANICAL LOW VOLTAGE THERMOTSTAT °C)		
UH-R61 2		STELPRO	APPROVED EQUAL	ALMOND			3-#12 AWG RW90 CU + GRD	21mm					
		Q-MARK	APPROVED EQUAL				3-#12 AWG RW90 CU + GRD	21mm					
	UNIT HEATER	OUELLET	OAS10036AM-RT	ALMOND	CEILING	15A/3P	3-#12 AWG RW90 CU + GRD	21mm	10KW		PROVIDE FIELD INSTALLED WALL MOUNTED		
UH-R60 2		STELPRO	APPROVED EQUAL				3-#12 AWG RW90 CU + GRD	21mm		600/3 PHASE	THERMOSTAT. T822K1034 (MECHANICAL LOW		
		Q-MARK	APPROVED EQUAL				3-#12 AWG RW90 CU + GRD	21mm			VOLTAGE THERMOTSTAT °C)		

						liance EERING SERVICES INC	ENGINEER'S SEAL
				DESIGNED BY	S.N.	CHECKED H.M.	
1	RE-ISSUED FOR	25-08-27	H.M.	DRAWN BY	S.N.	APPROVED H.M.	
	CONSTRUCTION			SCALE: HORIZONTAL	AS NOTED	RELEASED FOR CONSTRUCTION	CONSULTANT DRAWING NUMBER
0	ISSUED FOR CONSTRUCTION	25-06-27		VERTICAL		2025/08/27 DATE (YYYY/MM/DD)	E3.0
NO.	REVISIONS	(YYYY/MM/DD)	BY	DATE PLOT DATE:		DATE (YYYY/MM/DD)	BID OPP: 808-2025



MACLEAN RESERVOIR VALVE HOUSE

MECHANICAL EQUIPMENT SCHEDULES

VENTILATION UPGRADE

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT ENGINEERING SERVICES DIVISION

CITY FILE NUMBER W-938 SHEET 3 OF 7CITY DRAWING NUMBER

1-0630R-E0009-001

CONTRACT NUMBER: #

FILE PATH: FILE NAME: