THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

RIVERBEND LIFT PUMPING STATION 2023 UPGRADES

DRAWING INDEX

AUTOMATION

1-0178L-A0001	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	AUTOMATION PLAN LAYOUT		
1-0178L-A0002	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PANEL LAYOUT AND BILL OF MATERIAL	CONTROL PANEL CP-L81	
1-0178L-A0002	002	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PANEL LAYOUT AND BILL OF MATERIAL	CONTROL PANEL CP-L81	
1-0178L-A0002	003	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PANEL LAYOUT AND BILL OF MATERIAL	CONTROL PANEL CP-L81	
1-0178L-A0003	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	NETWORK DIAGRAM		
1-0178L-A0004	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	POWER DISTRIBUTION SCHEMATIC	CONTROL PANEL CP-L81	
1-0178L-A0005	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	DISCRETE INPUTS RACK 00, SLOT 04 & 05
1-0178L-A0006	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	DISCRETE INPUTS RACK 00, SLOTS 06 & 07
1-0178L-A0007	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	DISCRETE OUTPUTS RACK 00, SLOT 10
1-0178L-A0008	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	ANALOG INPUTS RACK 01, SLOT 00 & 01
1-0178L-A0009	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/0 WIRING DIAGRAM	CONTROL PANEL CP-L81	ANALOG INPUTS RACK 01, SLOTS 02 & 03
1-0178L-A0010	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	ANALOG INPUTS RACK 01, SLOT 04
1-0178L-A0011	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	ANALOG INPUTS RACK 01, SLOT 06 & 07
1-0178L-A0012	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PLC I/O WIRING DIAGRAM	CONTROL PANEL CP-L81	ANALOG OUTPUTS RACK 01, SLOT 10
1-0178L-A0013	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PUMP CONTROL SCHEMATIC	CONTROL PANEL CP-L81	LOCAL MODE AND PLC MODE OPERATION
1-0178L-A0014	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PANEL LAYOUT & BILL OF MATERIAL	VENTILATION PANEL	JBA-L83
1-0178L-A0015	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	POWER DISTRIBUTION SCHEMATIC	VENTILATION PANEL	JBA-L83
1-0178L-A0016	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	PANEL LAYOUT AND BILL OF MATERIAL	JUNCTION BOX JB-L82	INTRINSICALLY SAFE JUNCTION BOX
1-0178L-A0017	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	ENTRY DOOR CONTACT	ZSC-L531, ZSC-L532
1-0178L-A0018	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	STATION OCCUPIED LIGHT SWITCH	HS-L600
1-0178L-A0019	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	HCE-L60 MAIN FLOOR DUCT HEATER	
1-0178L-A0020	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MAIN FLOOR VENTILATION DAMPERS 1	FV-L601, FV-L602, FV-L603
1-0178L-A0020	002	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MAIN FLOOR VENTILATION DAMPERS 2	FV-L601, FV-L602, FV-L603
1-0178L-A0021	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	HCE-L68 STAIRS DUCT HEATER	
1-0178L-A0022	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	WET WELL HIGH HIGH LEVEL SWITCH	LSHH-L101
1-0178L-A0023	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	FLOOD LEVEL SWITCH	LSH-L100
1-0178L-A0024	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PUMP ROOM & COMMUNITOR CHAMBER FLOOD LEVEL SWITCHES	LSH-L501, LSH-L502
1-0178L-A0025	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	LEVEL CONTROLLER AND TRANSMITTER	LIC-L100-1, LIT-L100-1
1-0178L-A0025	002	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	LEVEL CONTROLLER AND TRANSMITTER	LIC-L100-2, LIT-L100-2
1-0178L-A0026	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PRESSURE SWITCH LOW	PSL-L526
1-0178L-A0027	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MAIN FLOOR SUPPLY FAN AIR FILTER PLUGGED SWITCH	PDSH-L660
1-0178L-A0028	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	SEAL WATER FLOW SWITCH	FSL-L011, FSL-L021
1-0178L-A0029	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	LIFT PUMPS P-L01 & P-L02 DISCHARGE FLOW METER	FE-L201, FIT-L201
1-0178L-A0030	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	600 VAC POWER FAIL RELAY	ESL-L712
1-0178L-A0031	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MCC-L71 600 VAC TVSS	XS-L711
1-0178L-A0032	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	TEMPERATURE INDICATING TRANSMITTER	TIT-L607, TIT-L608
1-0178L-A0033	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 1 WINDING RTD	TE-L010-1, TE-L010-2, RE-L010-, TE-L010-4
1-0178L-A0034	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 1 WINDING RTD	TE-L010-5, TE-L010-6
1-0178L-A0035	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PUMP 1 DRIVE-END AND NON-DRIVE-END BEARING RTD	TE-L010-7, TE-L010-8
1-0178L-A0036	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 2 WINDING RTD	TE-L020-1, TE-L020-2, TE-L020-3, TE-L020-4
1-0178L-A0037	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 2 WINDING RTD	TE-L020-5, TE-L020-6
1-0178L-A0038	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PUMP 2 DRIVE-END AND NON-DRIVE-END BEARING RTD	TE-L020-7, TE-L020-8
1-0178L-A0039	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PUMP 1 DRIVE-END BEARING VIBRATION SENSOR X & Y	VT-L010-1, VT-L010-2
1-0178L-A0040	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 1 DE & ODE BEARING VIBRATION SENSOR X & Y	VT-L010-3, VT-L010-4, VT-L010-5, VT-L010-6
1-0178L-A0041	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	PUMP 2 DRIVE-END BEARING VIBRATION SENSOR X & Y	VT-L020-1, VT-L020-2
1-0178L-A0042	001	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	MOTOR 2 DE & ODE BEARING VIBRATION SENSOR X & Y	VT-L020-3, VT-L020-4, VT-L020-5, VT-L020-6
1-0178L-A0043	002	RIVERBEND LIFT PUMPING STATION	2023 UPGRADES	LOOP DIAGRAM	SUPPLY FAN SF-L66 AND SF-L67 LOW FLOW SWITCHES	FSL-L662, FSL-L667

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