

EXTERIOR PANEL VIEW
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INTERIOR PANEL VIEW
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GENERAL NOTES:

1. ALL POWER AND 120VAC WIRING IS TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 12 AWG OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS.
2. ALL 24 VDC CONTROL WIRING IS TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 16 AWG.
3. COMPONENTS ARE TO BE LABELLED AS SHOWN ON THE DRAWINGS.
4. TEST ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. DOCUMENT ALL TEST RESULTS.
5. ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELLED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
6. ALL TERMINAL BLOCKS ARE TO BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELLING.
7. ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS.

JBA–C6903 BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	NEMA 4X RATED ENCLOSURE, SCREW DOWN COVER – 610x610x152	HOFFMAN	A242406SSLP
2	1	BACK PANEL FOR ITEM 1 – SUPPLIED BY VENDOR	HOFFMAN	A24P24
3	AS REQ'D	FEED–THROUGH TERMINAL – UK 16	PHOENIX CONTACT	3046184
4	3	TERMINAL END PLATE – D–UT 2,5/4 TWIN	PHOENIX CONTACT	3047141
5	6	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
6	3	TERMINAL BLOCK MARKER – KLM–A	PHOENIX CONTACT	1004348
7	3	FUSED MODULAR TERMINAL BLOCK – UK–10–DREHSI (6.3X32) WITH A 1A FUSE	PHOENIX CONTACT	3005507
8	AS–REQ'D	NARROW SLOT WIRING DUCT AND COVER, 2.25"x3.12"	PANDUIT	F2X3LG6
9	AS–REQ'D	NARROW SLOT WIRING DUCT AND COVER, 1.25"x3.12"	PANDUIT	F1X3LG6
10	3	IDENTIFIER LAMACOIDS	–	–
11	AS–REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
12	1	GROUND BAR, 12 TAPS	ILSCO	D167–12
13	1	RELAY SOCKET	RELECO	SB–4
14	1	4P CONTROL RELAY	RELECO	C4–A40

1–0630M–A0065–67	LOOP DIAGRAMS, CHLORINE DETECTION
1–0630M–E0073	ELECTRICAL EQUIPMENT PLAN, CHLORINE BUILDING
DRAWING NUMBER	REFERENCE DRAWINGS



					 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		<div>ENGINEER'S SEAL</div>		 <div>THE CITY OF WINNIPEG</div> <div>WATER AND WASTE DEPARTMENT</div>				
						DESIGNED BY: B. WILKS			CHECKED BY: V. ELIMBAN	<div>MACLEAN PUMPING STATION</div> <div>CHLORINE SYSTEM UPGRADES</div> <div>JUNCTION BOX LAYOUT</div> <div>JBA-C6903</div>			
						DRAWN BY: B. WILKS			APPROVED BY: V. ELIMBAN				
						SCALE: AS SHOWN			ISSUED FOR CONSTRUCTION BY: M. SKINNER				
						DATE: 2023/06/11			DATE: 2025/04/30				
						CONSULTANT NO.:							
00	ISSUED FOR TENDER AND CONSTRUCTION			2025/04/30	VE	VE			<div>CITY DRAWING NUMBER</div> <div>1-0630M-A0070</div> <div>SHEET</div> <div>001</div> <div>REV.</div> <div>00</div> <div>SIZE</div> <div>A1</div>				
NO.	REVISIONS			DATE	DESIGN	CHECK							