

EXTERIOR PANEL VIEW
1 : 4

INTERIOR PANEL VIEW
1 : 4



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

GENERAL NOTES:

- 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.
- ALL 24 VDC CONTROL WIRING IS TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 16 AWG.
- COMPONENTS ARE TO BE LABELLED AS SHOWN ON THE DRAWINGS.
- TEST ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. DOCUMENT ALL TEST RESULTS.
- ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELLED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
- ALL TERMINAL BLOCKS ARE TO BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELLING.
- ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS.

1-0640C-E0015	ELECTRICAL EQUIPMENT AND INSTRUMENTATION PLAN, CHLORINE BUILDING
1-0640C-A0017	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-3
1-0640C-A0016	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-2
1-0640C-A0015	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-1
DRAWING NUMBER	REFERENCE DRAWINGS



					 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL		 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT			
					DESIGNED BY: B. WILKS		CHECKED BY: V. ELIMBAN		MCPHILLIPS PUMPING STATION CHLORINE SYSTEM UPGRADES JUNCTION BOX LAYOUT JBA-C6903			
					DRAWN BY: B. WILKS		APPROVED BY: V. ELIMBAN					
					SCALE: AS SHOWN		ISSUED FOR CONSTRUCTION BY: M. SKINNER					
					DATE: 2023/06/23		DATE: 2025/04/30					
					CONSULTANT NO.:							
00 ISSUED FOR TENDER AND CONSTRUCTION					2025/04/30		VE		VE		CITY DRAWING NUMBER	
NO. REVISIONS					DATE		DESIGN		CHECK		1-0640C-A0023	
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