

EXTERIOR PANEL ELEVATION

SCALE: 1 : 1

INTERIOR PANEL ELEVATION

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TYPICAL NEMA 4X JUNCTION BOX

BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	AS REQ'D	NEMA 4X ENCL. CONTINUOUS-HINGE WITH CLAMPS, 152X152X102MM	HOFFMAN	A606CHNFSS
2	AS REQ'D	PANEL FOR ITEM 1	HOFFMAN	A6P6
3	AS REQ'D	LAMACOIDS PER JUNCTION BOX SCHEDULES	–	
4	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
5	AS REQ'D	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
6	AS REQ'D	FEED-THROUGH TERMINAL – UT 4-MTD	PHOENIX CONTACT	3046184
7	AS REQ'D	TERMINAL END PLATE – D-UT 2,5/4 TWIN	PHOENIX CONTACT	3047141
8	AS REQ'D	GROUND BAR, 6 TAPS	ILSCO	0167-6

JUNCTION BOX SCHEDULE		
IDENTIFIER	NUMBER OF TERMINALS	DESCRIPTION
JB-C6301	7	SUPPLY FAN EF-C630 DAMPER XV-C6301
JBA-C6701	7	SCRUBBER SCRB-C670 DAMPER XV-C6701
JBA-C6401	7	EXHAUST FAN EF-C640 DAMPER XV-C6401
JBA-C6411	7	EXHAUST FAN EF-C641 DAMPER XV-C6411
JBA-C6421	7	EXHAUST FAN EF-C642 DAMPER XV-C6421
JBA-C6441	7	EXHAUST FAN EF-C644 DAMPER XV-C6441

GENERAL NOTES:

- ALL POWER AND 120 VAC WIRING ARE 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 TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 16 AWG.
- COMPONENTS ARE LABELED AS SHOWN ON THE DRAWINGS.
- TESTED ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. DOCUMENTED ALL TEST RESULTS.
- ALL MAJOR COMPONENTS INSIDE THE PANEL ARE LABELED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
- PROVIDED WIRE BARREL FERRULES FOR ALL WIRING.
- ALL TERMINAL BLOCKS ARE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELING.
- ALL WIRES ARE MARKED AS INDICATED ON THE DRAWINGS.

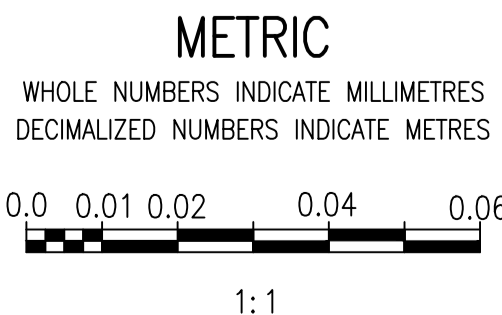
CONSTRUCTION NOTES:

- PROVIDED JUNCTION BOX FOR ASSOCIATED DAMPER ACTUATOR. JUNCTION BOX WAS INSTALLED WITHIN ONE (1) METER OF DAMPER ACTUATOR.

1-0650M-E0056	CONNECTION DIAGRAM, CHLORINE GAS SCRUBBER SCBR-C670
1-0650M-E0055	MOTOR STARTER SCHEMATIC, EXHAUST FAN EF-C644
1-0650M-E0054	FIELD WIRING DIAGRAM, EXHAUST FAN EF-C642
1-0650M-E0053	FIELD WIRING DIAGRAM, SUPPLY FAN SF-C630
1-0650M-E0051	FIELD WIRING DIAGRAM, EXHAUST FAN EF-C641
1-0650M-E0050	FIELD WIRING DIAGRAM, EXHAUST FAN EF-C640

DRAWING NUMBER

REFERENCE DRAWINGS



				AtkinsRéalis 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: V. ELIMBAN	CHECKED BY: V. ELIMBAN			HURST PUMPING STATION	
				DRAWN BY: D. PELLEGRINO	APPROVED BY: V. ELIMBAN			PANEL LAYOUT DAMPER ACTUATORS JUNCTION BOXES	
				SCALE: 1 : 1	ISSUED FOR CONSTRUCTION BY: M. SKINNER			CITY DRAWING NUMBER 1-0650M-A0080	
				DATE: 2023/08/30	DATE: 2025/04/30			SHEET 001	REV. 00
				CONSULTANT NO.:				SIZE A1	
				NO. REVISIONS	DATE	DESIGN	CHECK		