JBA-A84 VENTILATION PANEL

WARNING ARC FLASH AND SHOCK HAZARD STICKER TO BE PROVIDED BY CONTACT ADMINISTRATOR

EXTERIOR PANEL VIEW

SCALE: 1 : 2

BILL OF MATERIAL QTY DESCRIPTION MANUFACTURER CATALOG NUMBER SINGLE-DOOR TYPE 12 & 13 WALL-MOUNTED HOFFMAN A242006LP ENCLOSURE BACKPAN HOFFMAN TMC 1 F1 100 2,0A MOULDED CASE CIRCUIT BREAKER, 2 AMP, DIN RAIL PHOENIX CONTACT (0914099) MOUNTED 120:24VAC TRANSFORMER, 100 VA GROUND BAR, 6 TAPS ILSCO D167-6 6 | AS REQ'D | 35mm DIN RAIL PHOENIX CONTACT 0801733 7 AS REQ'D FEED-THROUGH TERMINAL PHOENIX CONTACT 3046184 8 AS REQ'D FUSED TERMINAL PHOENIX CONTACT 3046142 9 AS REQ'D FUSE CONNECTOR PHOENIX CONTACT 3036806 10 AS REQ'D POTENTIAL EARTH TERMINAL PHOENIX CONTACT 3046207 11 AS REQ'D TERMINAL END PLATE PHOENIX CONTACT 3047141 12 AS REQ'D TERMINAL END CLAMP PHOENIX CONTACT 1201442 13 AS REQ'D PLUG-IN BRIDGE 3030365 PHOENIX CONTACT 14 AS REQ'D NARROW SLOT WIRING DUCT, 1.25" x 2.12" PANDUIT 15 AS REQ'D TERMINAL BLOCK MARKER PHOENIX CONTACT 1004348 16 AS REQ'D KNIFE DISCONNECT TERMINAL PHOENIX CONTACT 3046139 2 RELAY, 24VAC, DPDT OMRON LY2N AC24 RELAY BASE OMRON PTF08A-E

APEGIN Certificate of Authorization SNC-Lavalin Inc. No. 4489

NO. REVISIONS

ENGINEER'S SEAL SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080 DESIGNED BY: B. CLEVEN F. ATAEI APPROVED BY: DRAWN BY: I. PARKINSON Y. KONIG ISSUED FOR CONSTRUCTION K. ZUREK DATE: 2016/02/03 DATE: 2016/05/06 2016/05/05 BJC FA CONSULTANT NO.: 00 ISSUED FOR TENDER, BID OP. 331-2016

DATE DESIGN CHECK

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ORIGINAL DRAWING SEALED BY: B. CLEVEN SNC-LAVALIN MEMBER #31479 2016/05/06 REV. 00

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

COCKBURN FLOOD AND WASTEWATER PUMPING STATION 2016 UPGRADES PANEL LAYOUT

CITY DRAWING NUMBER SHEET | REV. | SIZE 001 | 00 | A1

VENTILATION PANEL JBA-A84

1-0127A-A0024-001-00.dwg

0000000000 0000000000 CB01 TB02 TB04 FU04 FU05 FU06 FU07 FU08 FU09 120:24 VAC TRANSFORMER 100 VA (4)

NOTES:

9. PROVIDE WIRE BARREL FERULES FOR ALL WIRING. 10. ALL TERMINAL BLOCKS SHALL BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP

8. ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELED WITH LAMACOIDS IN ACCORDANCE

1. WHERE MANUFACTURER AND MODEL ARE SPECIFIED, SUBSTITUTIONS MUST BE APPROVED.

OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS.

6. EXTERNAL COMPONENTS ARE TO BE LABELED AS SHOWN ON THE DRAWINGS.

2. ALL 120 VAC POWER WIRING TO BE TEW/MTW 600V, 105°C INSULATION, STRANDED COPPER, 14 AWG

3. ALL 24 VAC POWER WIRING TO BE TEW/MTW 300V OR HIGHER, 105°C INSULATION, STRANDED COPPER,

4. ALL CONTROL WIRING TO BE TEW/MTW 300V OR HIGHER, 105°C INSULATION, STRANDED COPPER, 16

5. ALL ANALOG WIRING TO BE 18 AWG SHIELDED TWISTED PAIR, WITH INSULATION RATED AT 300V OR

7. ALL FUSES ARE TO BE PROVIDED. IN ADDITION, TWO SPARES OF EACH FUSE SIZE ARE TO BE

12 AWG OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS.

11. ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS.

WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.

INTERIOR PANEL VIEW SCALE: 1 : 2

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