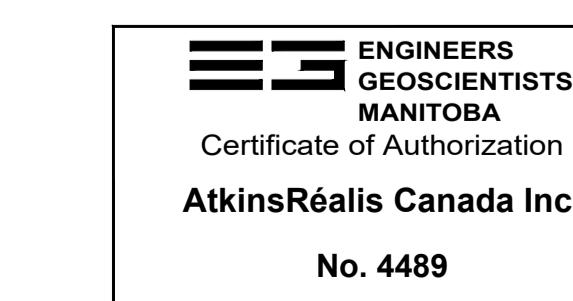


| CP-C601 BILL OF MATERIAL | | | | |
|--------------------------|----------|---|--------------------|----------------|
| ITEM | QTY | DESCRIPTION | MANUFACTURER | CATALOG NUMBER |
| 1 | 1 | NEMA 4X RATED ENCLOSURE, STAINLESS STEEL WALLMOUNT HINGED – 610x610x152 | HOFFMAN | A24H2406SSLP |
| 2 | 1 | BACK PANEL FOR ITEM 1 – SUPPLIED BY VENDOR | HOFFMAN | A24P24G |
| 3 | AS REQ'D | FEED-THROUGH TERMINAL – UK 16 | PHOENIX CONTACT | 3046184 |
| 4 | 4 | TERMINAL END PLATE – D-UT 2,5/4 TWIN | PHOENIX CONTACT | 3047141 |
| 5 | 10 | TERMINAL END CLAMP – CLIPFIX 35 | PHOENIX CONTACT | 3022218 |
| 6 | 4 | TERMINAL BLOCK MARKER – KLM-A | PHOENIX CONTACT | 1004348 |
| 7 | 1 | MULTI-FUNCTION HIGH PERFORMANCE TIMING RELAY | ALLEN BRADLEY | 700-FSH3VU23 |
| 8 | AS REQ'D | NARROW SLOT WIRING DUCT AND COVER, 2.25"x3.12" | PANDUIT | F2X3LG6 |
| 9 | 8 | IDENTIFIER LAMACOIDS | – | – |
| 10 | AS REQ'D | 35mm DIN RAIL | PHOENIX CONTACT | 0801733 |
| 11 | 1 | GROUND BAR, 12 TAPS | ILSCO | D167-12 |
| 12 | 2 | SPDT CONTROL RELAY, 24VDC INPUT | PHOENIX CONTACT | 2966171 |
| 13 | 2 | SELECTOR SWITCH, 3-POSITION, MAINTAINED, 1 N/O, 1 N/C | SCHNEIDER ELECTRIC | 9001SKS43BH13 |
| 14 | 2 | 30mm PUSH BUTTON, TYPE SK, PILOT LIGHT, 120VAC, RED PLASTIC, NEMA 4X | SCHNEIDER ELECTRIC | 9001SKP38R31 |
| 15 | 4 | 2PDT CONTROL RELAY, 120VAC INPUT | PHOENIX CONTACT | 2967086 |
| 16 | 2 | RELAY, 120 VAC, 4PDT, LED, 6A | PHOENIX CONTACT | 2903687 |
| 17 | 2 | RELAY, BASE, 4PDT | PHOENIX CONTACT | 2900934 |

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.
8. PANEL TO BE NEMA 4X COMPLAINT, INCLUDING ALL COMPONENTS ON THE FRONT OF THE PANEL.

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|--|---|
| 3. PANEL TO BE NEMA 4X COMPLIANT, INCLUDING ALL COMPONENTS ON THE FRONT OF THE | |
| 1-0650M-E0049 | CONNECTION DIAGRAM, MAKE-UP AIR UNIT AHU-C602 |
| 1-0650M-E0048 | CONNECTION DIAGRAM, MAKE-UP AIR UNIT AHU-C601 |



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|-----|------------------------------------|------------|--------|-------|--|---|--|--|---------|--|--|
| | | | | |  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: B. WILKS | CHECKED BY: V. ELIMBAN | | | | | |
| | | | | | 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 | | | | | |
| 00 | ISSUED FOR TENDER AND CONSTRUCTION | 2025/04/30 | VE | VE | CONSULTANT NO.: | | HURST PUMPING STATION CHLORINE SYSTEM UPGRADES PANEL LAYOUT VENTILATION CONTROL PANEL CP-C601 | | | | |
| NO. | REVISIONS | DATE | DESIGN | CHECK | | | | | | | |
| | | | | | CITY DRAWING NUMBER | | 001 | REV. 00 | SIZE A1 | | |
| | | | | | 1-0650M-A0078 | | | | | | |