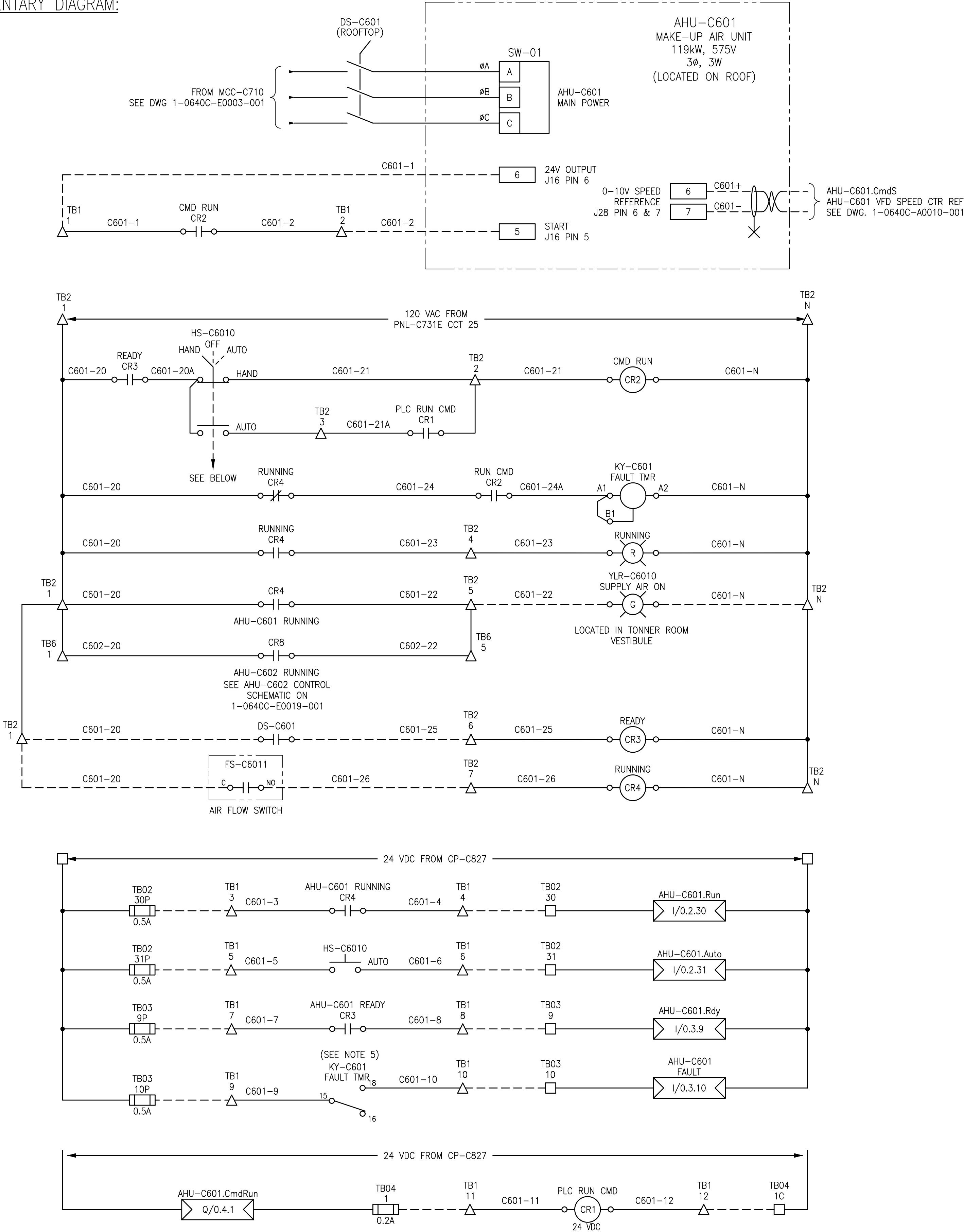
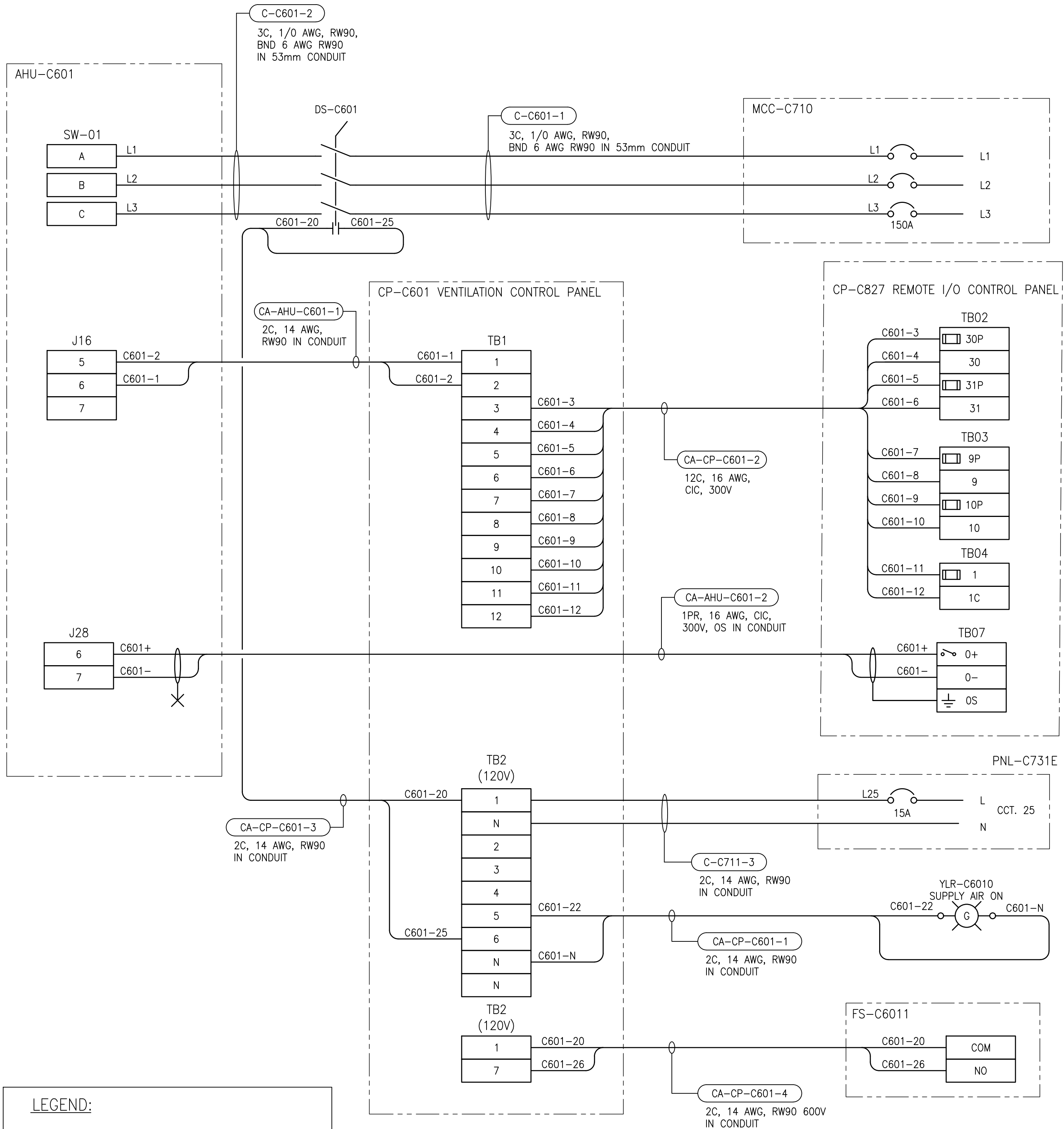


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



GENERAL NOTES:

- ALL CONNECTIONS FOR POWER AND CONTROLS ARE TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. REVIEW REQUIREMENTS ON SHOP DRAWING. CONTRACTOR TO VERIFY ALL CONNECTIONS WITH MANUFACTURER AND PROVIDE ALL REQUIRED EQUIPMENT, INCLUDING ANY EQUIPMENT NOT SHOWN ON DRAWING.
- ALL EQUIPMENT, CONDUIT AND CABLING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- ALL POWER AND CONTROL CABLING TO BE TERMINATED WITHIN MAKE-UP AIR UNIT AHU-C601 SHALL BE 600V RATED.
- CONTRACTOR TO PROVIDE DISCONNECT COMPLETE WITH AUXILIARY CONTACT FOR READY SIGNAL.
- SET ON DELAY TO 10 SECONDS

|                   |                                                  |
|-------------------|--------------------------------------------------|
| 1-0640C-A0022-001 | PANEL LAYOUT, VENTILATION CONTROL PANEL CP-C601  |
| 1-0640C-A0010-001 | PANEL CP-C827, ANALOG OUTPUTS RACK 0, MODULE 7   |
| 1-0640C-A0007-001 | PANEL CP-C827, DISCRETE OUTPUTS RACK 0, MODULE 4 |
| 1-0640C-A0006-001 | PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 3  |
| 1-0640C-A0005-001 | PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 2  |
| 1-0640C-A0004-001 | REMOTE I/O PANEL, CONTROL PANEL CP-C827          |
| 1-0640C-A0003-001 | REMOTE I/O PANEL LAYOUT, CONTROL PANEL CP-C827   |
| 1-0640C-E0003-001 | SINGLE LINE DIAGRAM, MCC-C710/MCC-C720E          |

|                |                    |
|----------------|--------------------|
| DRAWING NUMBER | REFERENCE DRAWINGS |
|----------------|--------------------|

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
**AtkinsRéalis Canada Inc.**  
No. 4489

|     |                                    |            |        |       |
|-----|------------------------------------|------------|--------|-------|
| 00  | ISSUED FOR TENDER AND CONSTRUCTION | 2025/04/30 | VE     | VE    |
| NO. | REVISIONS                          | DATE       | DESIGN | CHECK |

**AtkinsRéalis**  
148 Nature Park Way, Winnipeg, Manitoba  
Canada R3P 0X7 204-786-8080

|                          |                                              |
|--------------------------|----------------------------------------------|
| DESIGNED BY:<br>B. WILKS | CHECKED BY:<br>V. ELIMBAN                    |
| DRAWN BY:<br>B. WILKS    | APPROVED BY:<br>V. ELIMBAN                   |
| SCALE:<br>NTS            | ISSUED FOR CONSTRUCTION<br>BY:<br>M. SKINNER |
| DATE:<br>2023/08/17      | DATE:<br>2025/04/30                          |

CONSULTANT NO.:

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

|                                                 |              |            |            |
|-------------------------------------------------|--------------|------------|------------|
| MCPHILLIPS PUMPING STATION                      |              |            |            |
| CONNECTION DIAGRAM<br>MAKE-UP AIR UNIT AHU-C601 |              |            |            |
| CITY DRAWING NUMBER<br>1-0640C-E0018            | SHEET<br>001 | REV.<br>00 | SIZE<br>A1 |