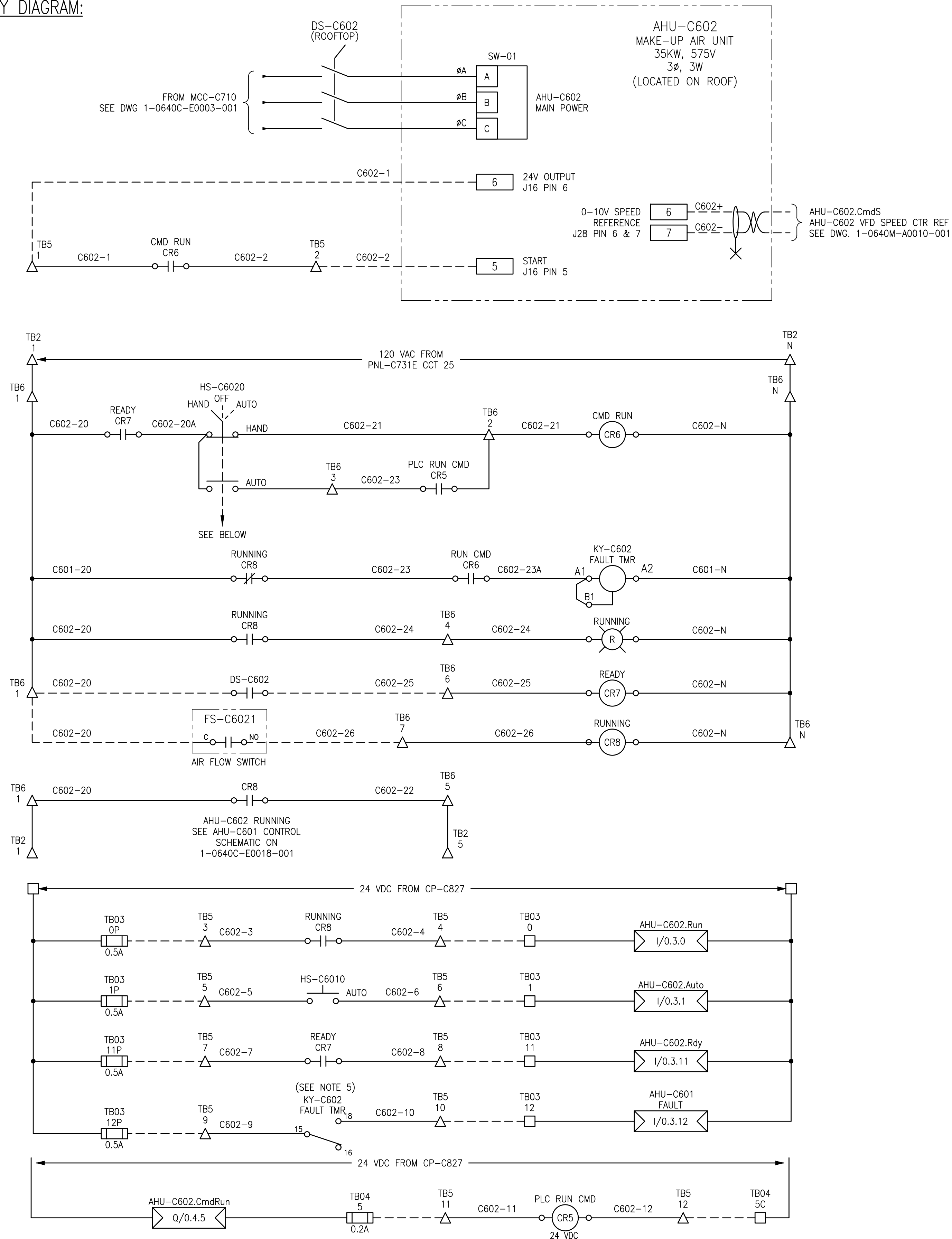
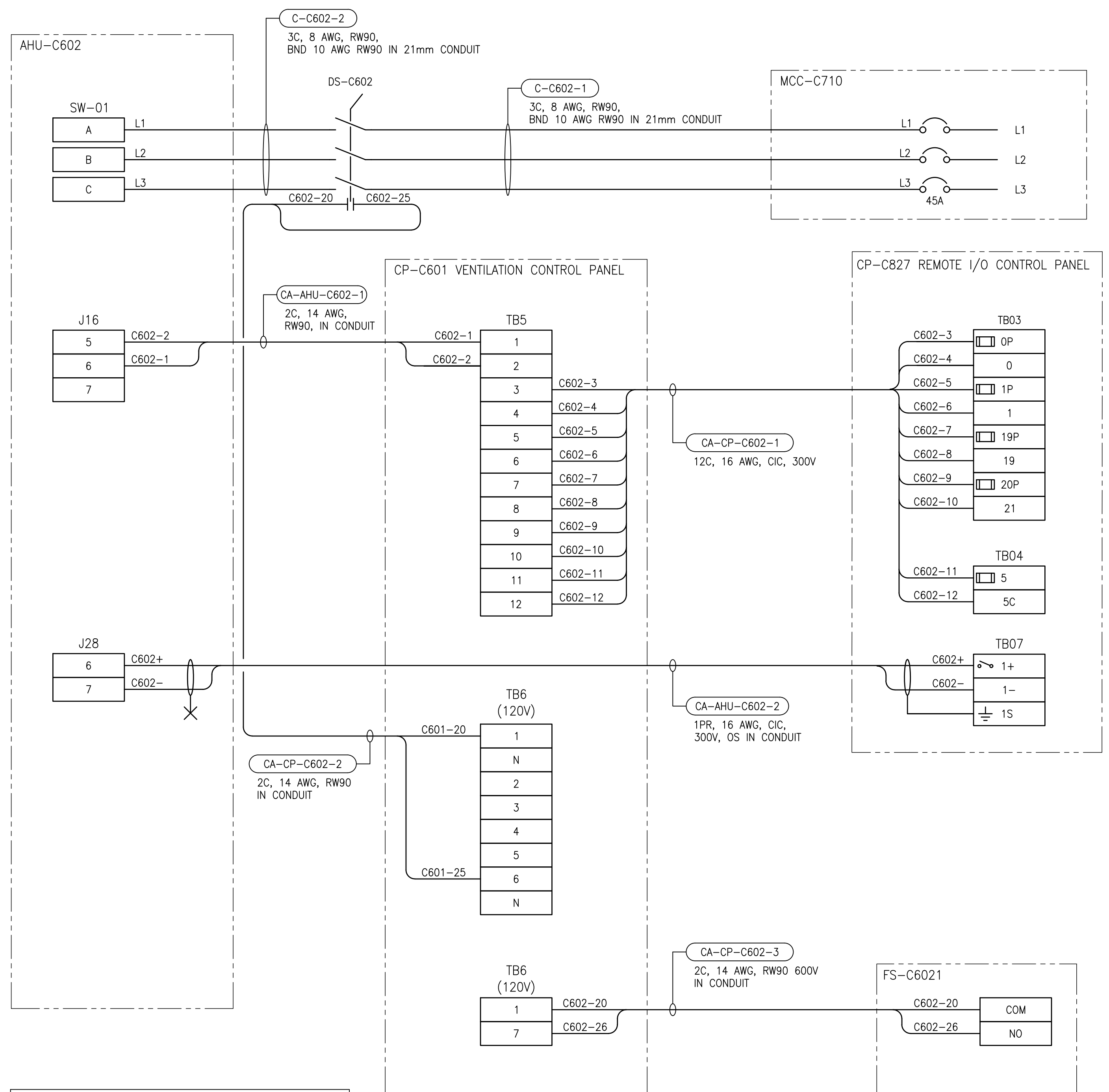


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



LEGEND:

△	TERMINAL IN VENTILATION PANEL CP-C601
□	TERMINAL IN CONTROL PANEL CP-C827
⊗	INDICATING LIGHT, R = RED G = GREEN
▢	PLC OUTPUT
▤	PLC INPUT
---	FIELD WIRING
---	INTERNAL WIRING

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-C602 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-827
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: B. WILKS	CHECKED BY: V. ELIMBAN
DRAWN BY: B. WILKS	APPROVED BY: V. ELIMBAN
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: M. SKINNER
DATE: 2023/08/18	DATE: 2025/04/30
CONSULTANT NO.:	

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION

CONNECTION DIAGRAM
MAKE-UP AIR UNIT AHU-C602

CITY DRAWING NUMBER 1-0640C-E0019	SHEET 001	REV. 00	SIZE A1
--------------------------------------	--------------	------------	------------