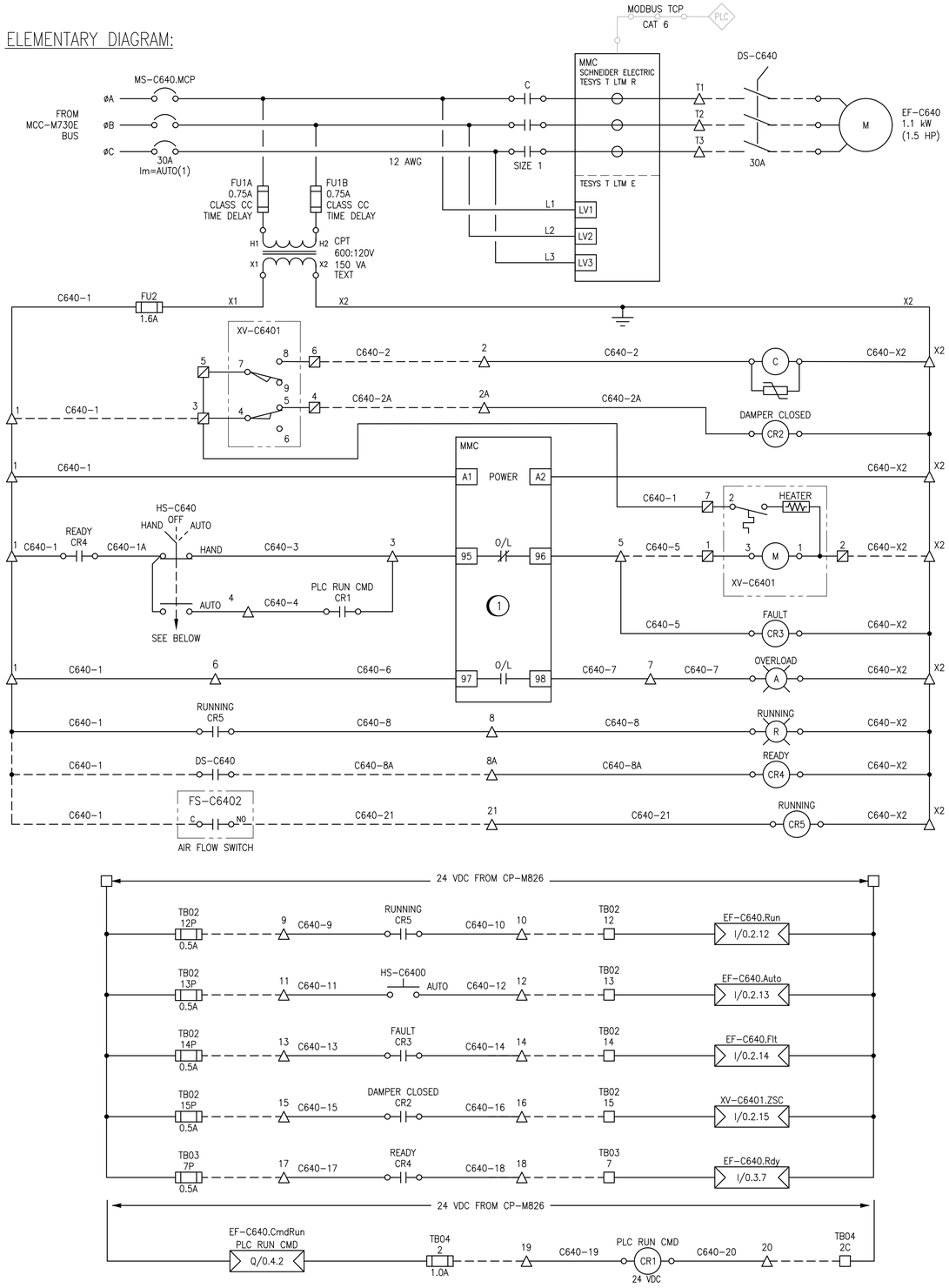
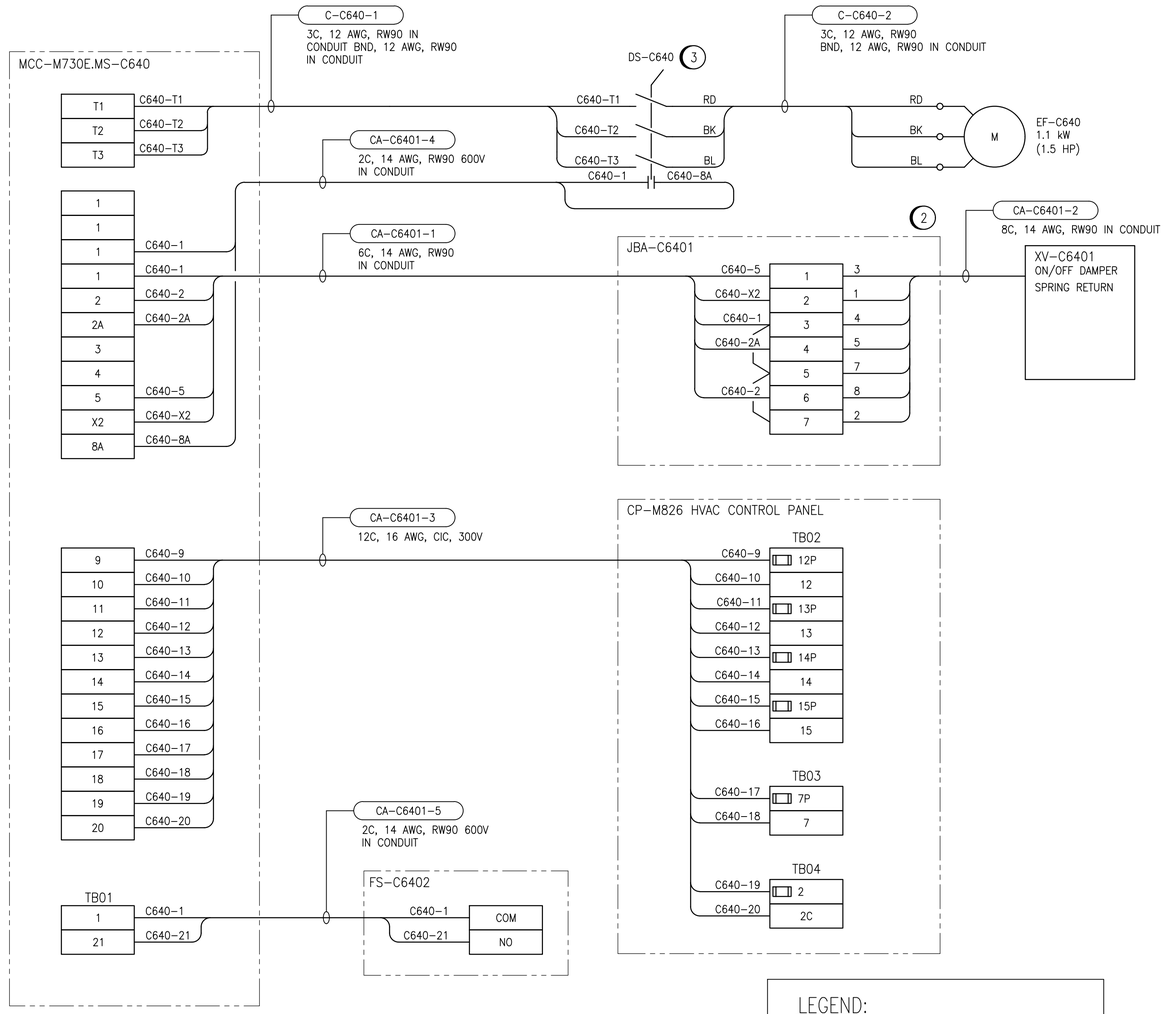
A1 SIZE – 594mm x 841mm

ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



GENERAL NOTES:

1. ALL CONNECTIONS FOR POWER AND CONTROLS ARE TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. REVIEW REQUIREMENTS ON SHOP DRAWINGS. CONTRACTOR TO VERIFY ALL CONNECTIONS WITH MANUFACTURER AND PROVIDE ALL REQUIRED EQUIPMENT, INCLUDING ANY EQUIPMENT NOT SHOWN ON DRAWING.
2. ALL EQUIPMENT, CONDUIT AND CABLING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

1. PROVIDE OVERLOAD RELAY BASED ON MOTOR FLA AND NAMEPLATE DATA.
2. JUNCTION BOX TO BE LOCATED WITHIN 10 FEET OF DAMPER ACTUATOR.
3. CONTRACTOR TO PROVIDE DISCONNECT COMPLETE WITH AUXILIARY CONTACT FOR READY SIGNAL.

LEGEND:

- △ TERMINAL IN MCC COMPARTMENT
- □ TERMINAL IN CP-M826
- ⊠ TERMINAL IN JUNCTION BOX
- (R) INDICATING LIGHT, R = RED, A = AMBER
- (M) CONTACTOR COIL
- TRANSIENT VOLTAGE SUPPRESSOR

DRAWING NUMBER	REFERENCE DRAWINGS
1-0630M-A0072	PANEL LAYOUT, DAMPER ACTUATOR JUNCTION BOXES
1-0630M-A0057	HVAC CONTROL PANEL CP-M826, DISCRETE OUTPUTS RACK 0, MODULE 4
1-0630M-A0056	HVAC CONTROL PANEL CP-M826, DISCRETE OUTPUTS RACK 0, MODULE 3
1-0630M-A0055	HVAC CONTROL PANEL CP-M826, DISCRETE INPUTS RACK 0, MODULE 2
1-0630M-A0053	PANEL LAYOUT, HVAC CONTROL PANEL CP-M826
1-0630M-E0025	ELECTRICAL SINGLE LINE DIAGRAM, MCC-M730E ESSENTIAL MCC

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

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

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: 2023/08/16	DATE: 2025/04/30
CONSULTANT NO.:	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
V. ELIMBAN
Member
24636
REGISTERED PROFESSIONAL ENGINEER
2025-05-02

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MACLEAN PUMPING STATION
CHLORINE SYSTEM UPGRADES
MOTOR STARTER SCHEMATIC / FIELD WIRING DIAGRAM
EXHAUST FAN EF-C640
TONNER STORAGE ROOM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0630M-E0079	001	00	A1

1-0630M-E0079-001-00.dwg

LAST SAVE: 2025/05/02 – 10:31am
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