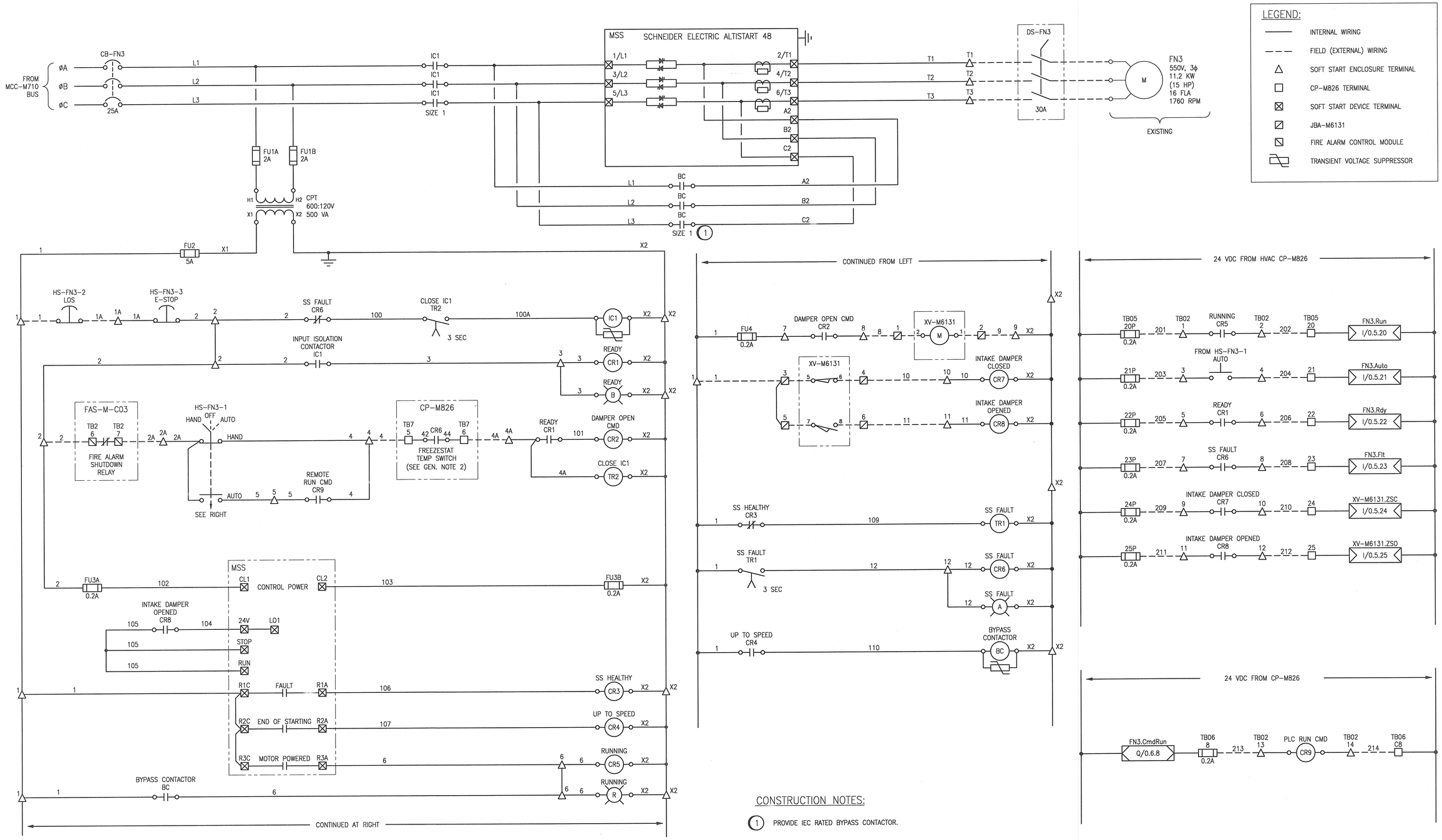
A1 SIZE – 594mm x 841mm



LEGEND:

- INTERNAL WIRING
- FIELD (EXTERNAL) WIRING
- SOFT START ENCLOSURE TERMINAL
- CP–M826 TERMINAL
- SOFT START DEVICE TERMINAL
- JBA–M6131
- FIRE ALARM CONTROL MODULE
- TRANSIENT VOLTAGE SUPPRESSOR

CONSTRUCTION NOTES:

(1) PROVIDE IEC RATED BYPASS CONTACTOR.

GENERAL NOTES:

1. ALL EQUIPMENT AND CABLES ARE NEW AND ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED AS EXISTING OR AS SHOWN AS FUTURE.
2. RELAY CR6 IS AN AUXILIARY RELAY ENERGIZED BY NORMALLY CLOSED TEMPERATURE SWITCH, TSL–M6043. REFER TO DWG. 1–0640M–A0069.
3. COMPLETE ASSEMBLY TO HAVE A SHORT CIRCUIT CURRENT RATING OF 25KA OR HIGHER.
4. GROUP AND SPACE 120VAC, 24VDC AND 4–20MA TERMINALS AND WIRING SEPARATELY.
5. ALL REMOTE WIRING IS 24VDC.
6. COLOUR CODE WIRING AS FOLLOWS:

POWER – 120VAC SUPPLY	BLACK
POWER – 120VAC NEUTRAL	WHITE
POWER – 24VDC SUPPLY (+)	BLUE
POWER – 24VDC COMMON (–, OR 0VD)	BROWN
DISCRETE CONTROL – AC	RED
DISCRETE CONTROL – DC	BLUE
GROUND	GREEN

DRAWING NUMBER	REFERENCE DRAWINGS
1–0640M–A0048	INSTRUMENTATION PLAN – NEW WORK, MEZZANINE LEVEL
1–0640M–A0069	LOOP DIAGRAM, TSL–M6043
1–0640M–A0055	WIRING DIAGRAM, HVAC PANEL CP–M826 DISCRETE OUTPUTS
1–0640M–A0054	WIRING DIAGRAM, HVAC PANEL CP–M826 DISCRETE INPUTS
1–0640M–A0037	PANEL LAYOUT, JUNCTION BOXES
1–0640M–E0076–002	FN3 CONNECTION DIAGRAM
1–0640M–E0032	SINGLE LINE DIAGRAM, MCC–M710

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

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	VE	KS

SNC·LAVALIN

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DESIGNED BY: V. ELIMBAN	CHECKED BY: K. SAPIAK
DRAWN BY: J. GRAGASIN	APPROVED BY: D. BECKER
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: A. WEISS
DATE: 2019/07/03	DATE: 2019/10/18
CONSULTANT NO.:	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
V. ELIMBAN
Member
34636
REGISTERED PROFESSIONAL ENGINEER
Oct. 18
2019

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION
ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
MOTOR STARTER SCHEMATIC
FN3
SUPPLY FAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0640M–E0076	001	00	A1

1–0640M–E0076–001–00.dv

LAST SAVE: 2019/10/30 – 11:56am
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