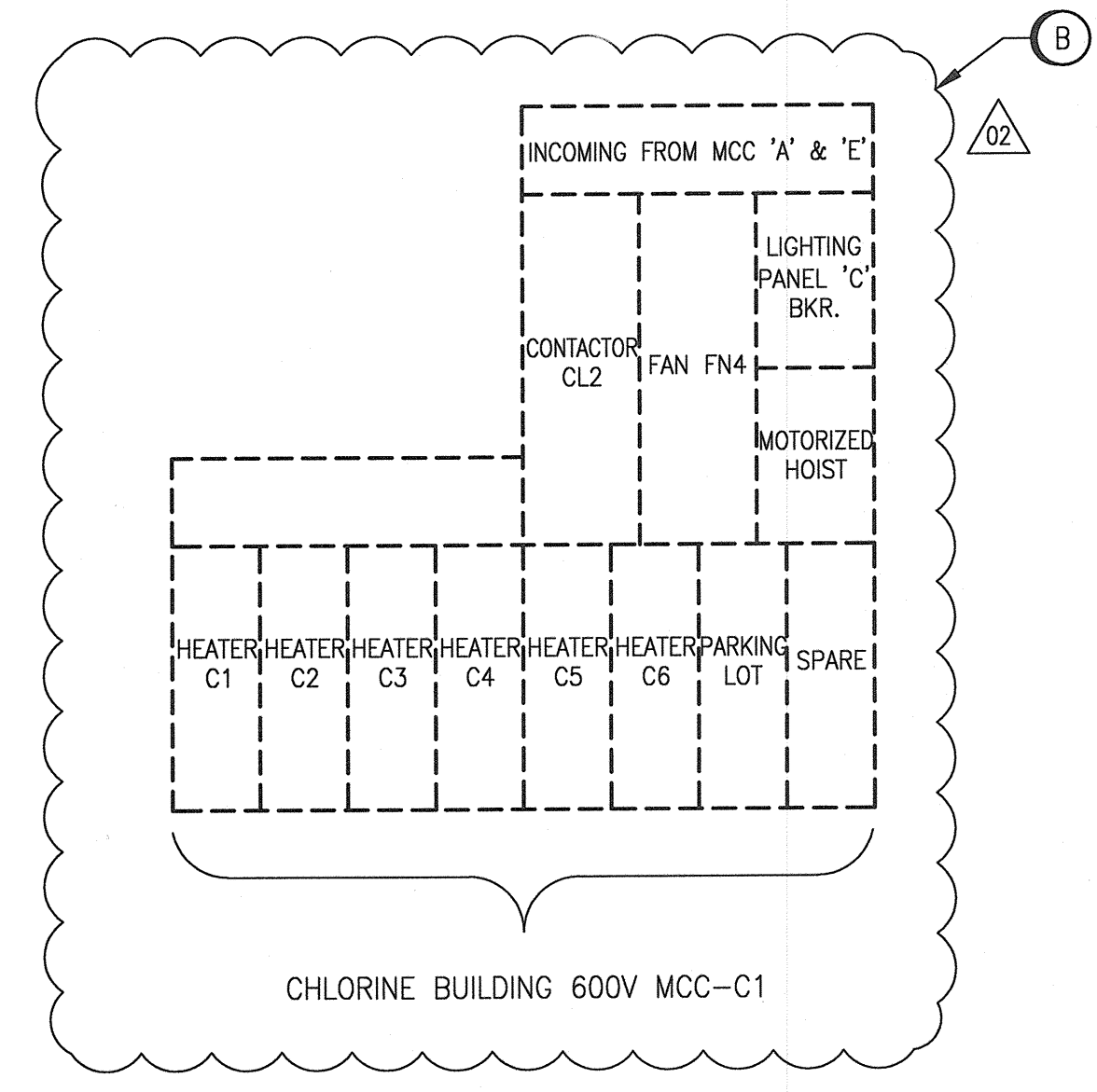
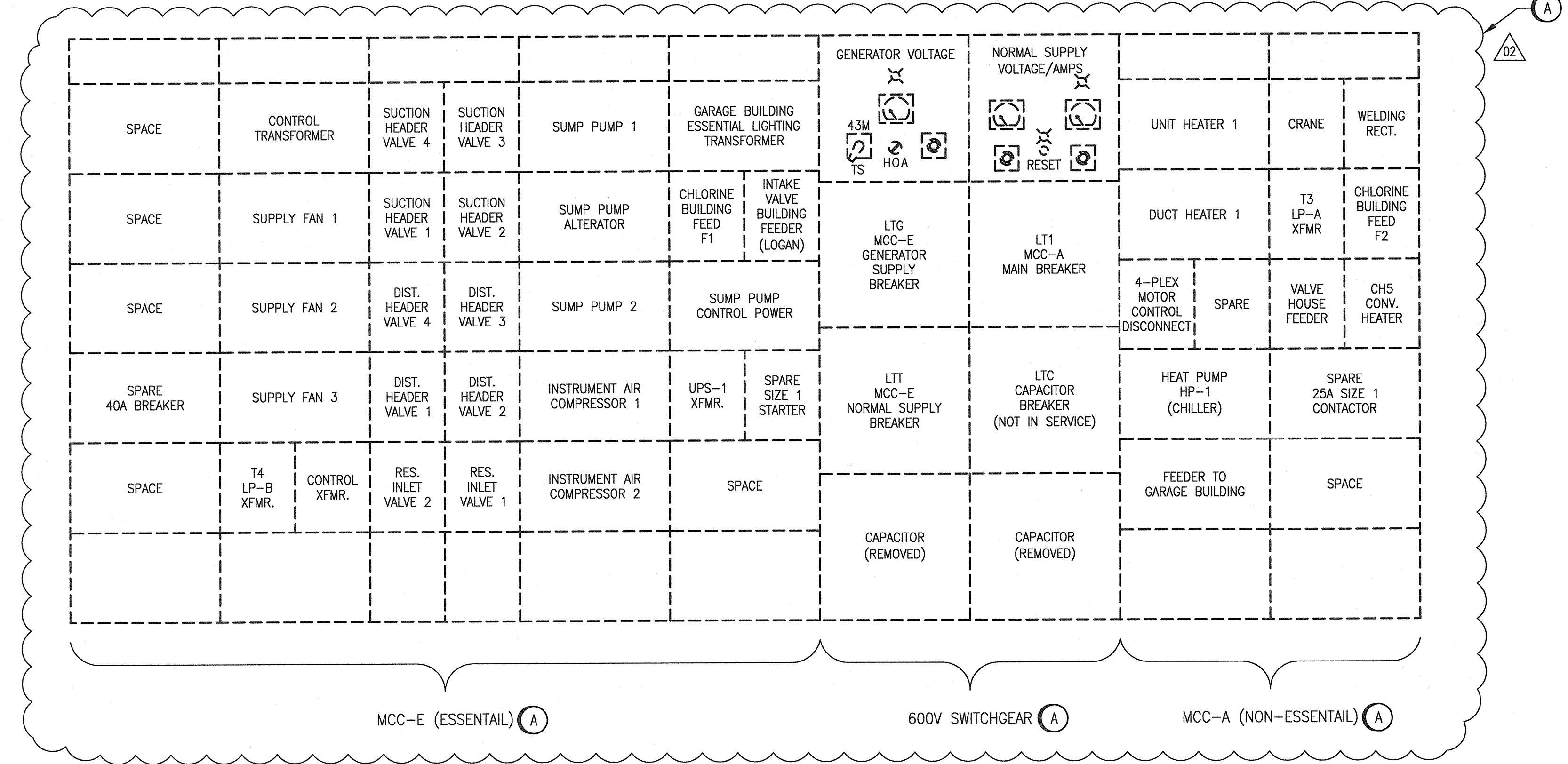


- DEMOLITION NOTES:**
- (A) DISCONNECT EXISTING LOADS AS PER CONSTRUCTION PLAN AND DEMOLISH EXISTING MCC-A, MCC-E AND 600V SWITCHGEAR.
 - (B) DISCONNECT EXISTING LOADS AND REMOVE CHLORINE BUILDING 600V MCC-C1.
- CONSTRUCTION NOTES:**
- (1) REPLACE EXISTING IQ DP-4000 MULTI-FUNCTION POWER METER WITH A SCHNEIDER ELECTRIC ION9000. REFER TO DRAWING 1-0640M-E0017 FOR COMPLETE PART NUMBER AND WIRING DIAGRAM.
 - (2) PROVIDE NEW LAMACOID NAMEPLATE TO XFMR-M710 AND XFMR-M720. FUSED DISCONNECT CELLS IN SWITCHGEAR SGR-M1 TO REFLECT NEW TAGS. LAMACOID TO BE MECHANICALLY AFFIXED WITH MACHINE SCREWS OR DRIVE PINS, WHERE APPLICABLE.
 - (3) REPLACE EXISTING FUSES ON EXISTING FUSED DISCONNECT SWITCH FOR XFMR-M720 FEEDER WITH NEW 5.5kV, 100A E-RATED FUSES.



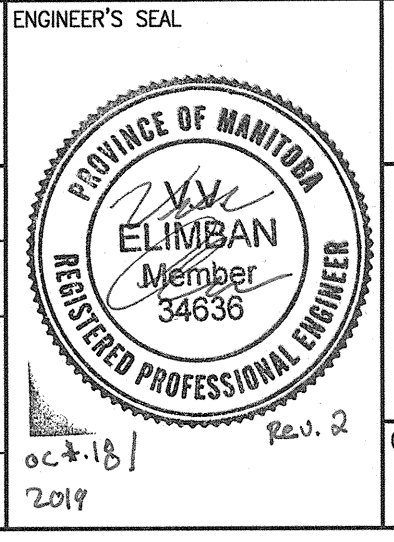
- NOTES:**
- THIS DRAWING IS BASED UPON EXISTING DOCUMENTATION AND SITE INSPECTION. DESIGN RESPONSIBILITY IS LIMITED TO THE MODIFICATIONS SHOWN.
 - CLOUDED PORTIONS OF THIS DRAWING INDICATE WORK TO BE COMPLETED. EITHER REMOVALS OR ADDITIONS AS INDICATED. REFER TO DEMOLITION AND CONSTRUCTION NOTES.



NO.	REVISIONS	DATE	DESIGN	CHECK
02	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	VE	KS
01	AS-BUILT - MODIFIED 600V SWITCHGEAR CONTROLS	2012/01/10	-	BJC
00	ISSUED FOR TENDER	2009/08/17	BDK	CJR

SNC-LAVALIN INC.
148 Nature Park, Wey
Winnipeg, MB, Canada R3P 0X7
204-796-8080

DESIGNED BY: B. KING
CHECKED BY: C. REIMER
DRAWN BY: B. KING
APPROVED BY: C. REIMER
SCALE: NTS
ISSUED FOR CONSTRUCTION BY: A. WEISS
DATE: 2009/08/17
DATE: 2019/10/18
CONSULTANT NO.: 113099-0000-47DD-0215



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION

ELECTRICAL EQUIPMENT ELEVATIONS
4160V SWITCHGEAR & 600V SWITCHGEAR/MCC

CITY DRAWING NUMBER: 1-0640M-E0015
SHEET: 001
REV: 02
SIZE: A1

1-0640M-E0017	THREE LINE DIAGRAM, 4160V MAIN BREAKER
1-0640M-E0013	ELECTRICAL EQUIPMENT PLAN, ELECTRICAL & CONTROL ROOMS DEMOLITION
DRAWING NUMBER	REFERENCE DRAWINGS