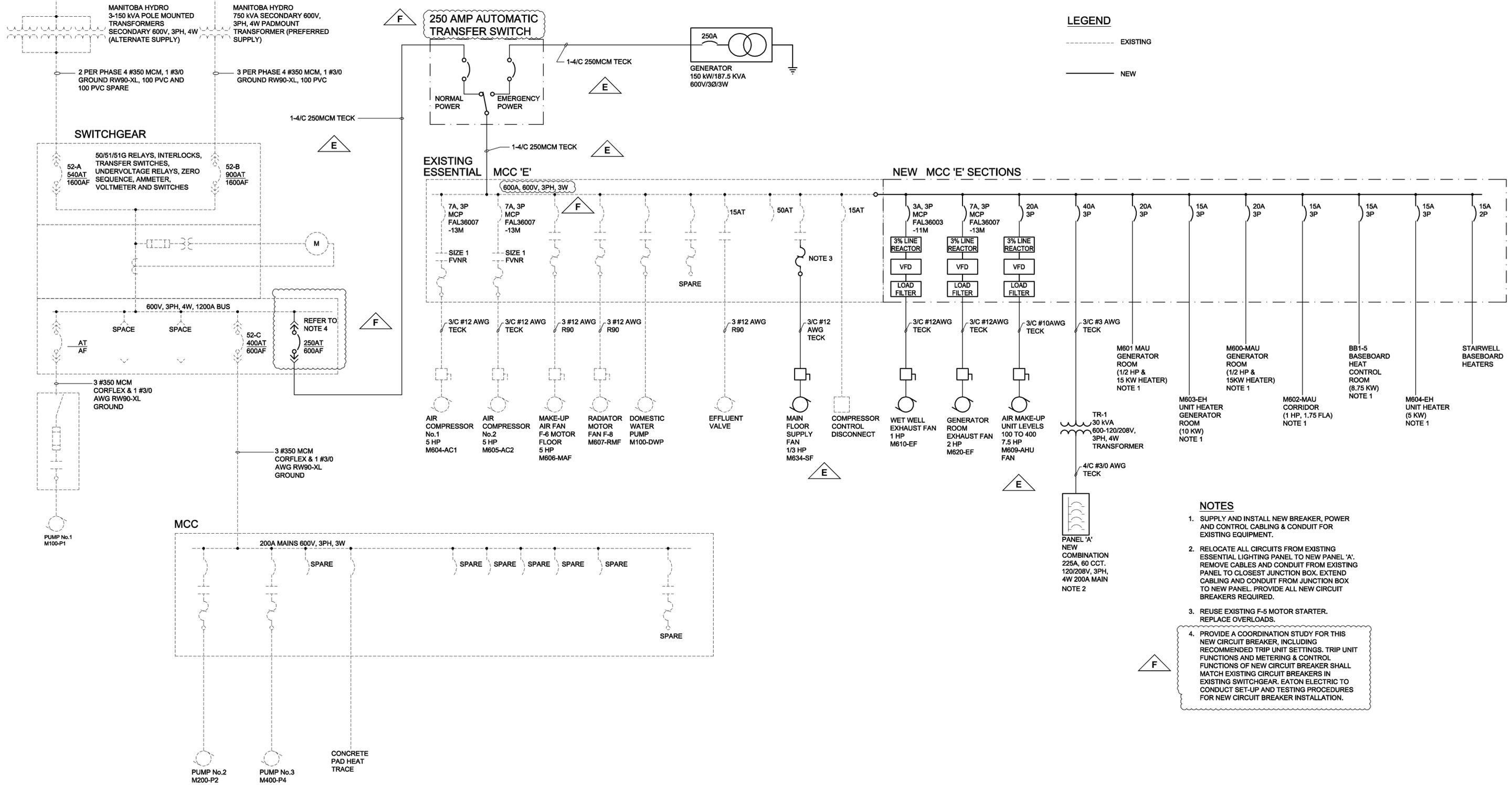


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UMA FILE NAME: D265-202-02\_00-E-0003\_RX.dwg Saved By: djf



- NOTES**
- SUPPLY AND INSTALL NEW BREAKER, POWER AND CONTROL CABLING & CONDUIT FOR EXISTING EQUIPMENT.
  - RELOCATE ALL CIRCUITS FROM EXISTING ESSENTIAL LIGHTING PANEL TO NEW PANEL 'A'. REMOVE CABLES AND CONDUIT FROM EXISTING PANEL TO CLOSEST JUNCTION BOX. EXTEND CABLING AND CONDUIT FROM JUNCTION BOX TO NEW PANEL. PROVIDE ALL NEW CIRCUIT BREAKERS REQUIRED.
  - REUSE EXISTING F-5 MOTOR STARTER. REPLACE OVERLOADS.
  - PROVIDE A COORDINATION STUDY FOR THIS NEW CIRCUIT BREAKER, INCLUDING RECOMMENDED TRIP UNIT SETTINGS. TRIP UNIT FUNCTIONS AND METERING & CONTROL FUNCTIONS OF NEW CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS IN EXISTING SWITCHGEAR. EATON ELECTRIC TO CONDUCT SET-UP AND TESTING PROCEDURES FOR NEW CIRCUIT BREAKER INSTALLATION.

**SINGLE LINE DIAGRAM**

SCALE: N.T.S.

**APECM**  
 Certificate of Authorization  
 UMA Engineering Ltd. (MB)  
 No. 256 Date: 07/12/14

QL	RS	LK	BM	SS
DRN	CHK	DES	ENG	IDR
UMA REVIEW				

B.M. ELEV.	FIELD BOOK #:	UMA   AECOM	
POSTED TO LBIS		DESIGNED BY: <b>BLM</b>	CHECKED BY: _____
<b>F</b>	ISSUED FOR ADDENDUM 4	08/02/01	QL
<b>E</b>	ISSUED FOR ADDENDUM 3	08/01/23	QL
<b>D</b>	ISSUED FOR BID	07/12/14	LJV
<b>C</b>	ISSUED FOR 100% REVIEW	07/11/09	SCK
<b>B</b>	ISSUED FOR ZONING	07/08/21	SCK
<b>A</b>	ISSUED FOR 80% REVIEW	07/06/18	SCK
NO.	REVISIONS	DATE	BY

ENGINEER'S SEAL  
 ISSUE / REVISION D  
 ISSUED FOR BID  
 WAS SEALED BY  
 B.L. MOORE  
 AND DATED  
 07/12/14

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

**PERIMETER ROAD PUMPING STATION UPGRADES**  
 Contract B - Building Upgrades

Electrical  
 SINGLE LINE DIAGRAM

CITY DRAWING NUMBER: **1-0111L-E0002** SHEET: **001** REV: **F** SIZE: **D**