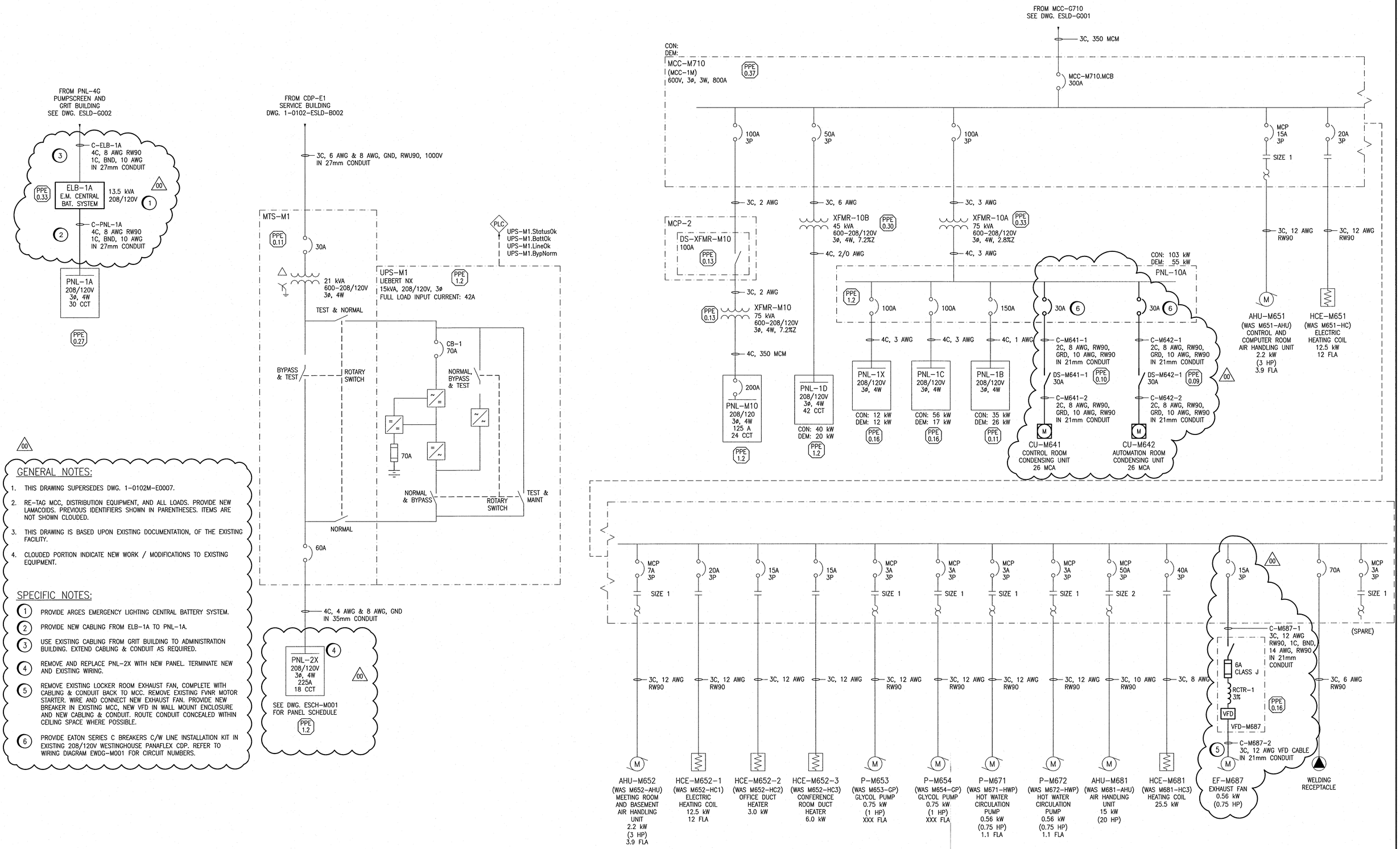
A1 SIZE - 594mm x 841mm



GENERAL NOTES:

1. THIS DRAWING SUPERSEDES DWG. 1-0102M-E0007.
2. RE-TAG MCC, DISTRIBUTION EQUIPMENT, AND ALL LOADS. PROVIDE NEW LAMACOIDS. PREVIOUS IDENTIFIERS SHOWN IN PARENTHESES. ITEMS ARE NOT SHOWN CLOUDED.
3. THIS DRAWING IS BASED UPON EXISTING DOCUMENTATION, OF THE EXISTING FACILITY.
4. CLOUDED PORTION INDICATE NEW WORK / MODIFICATIONS TO EXISTING EQUIPMENT.

SPECIFIC NOTES:

1. PROVIDE ARGES EMERGENCY LIGHTING CENTRAL BATTERY SYSTEM.
2. PROVIDE NEW CABLING FROM ELB-1A TO PNL-1A.
3. USE EXISTING CABLING FROM GRIT BUILDING TO ADMINISTRATION BUILDING. EXTEND CABLING & CONDUIT AS REQUIRED.
4. REMOVE AND REPLACE PNL-2X WITH NEW PANEL. TERMINATE NEW AND EXISTING WIRING.
5. REMOVE EXISTING LOCKER ROOM EXHAUST FAN, COMPLETE WITH CABLING & CONDUIT BACK TO MCC. REMOVE EXISTING FVNR MOTOR STARTER. WIRE AND CONNECT NEW EXHAUST FAN. PROVIDE NEW BREAKER IN EXISTING MCC, NEW VFD IN WALL MOUNT ENCLOSURE AND NEW CABLING & CONDUIT. ROUTE CONDUIT CONCEALED WITHIN CEILING SPACE WHERE POSSIBLE.
6. PROVIDE EATON SERIES C BREAKERS C/W LINE INSTALLATION KIT IN EXISTING 208/120V WESTINGHOUSE PANAFLEX CDP. REFER TO WIRING DIAGRAM EWDG-M001 FOR CIRCUIT NUMBERS.

REFERENCE DRAWINGS	DESCRIPTION
1-0102-ECBD-M001	ELECTRICAL, MCC-M710 LAYOUT AND SCHEDULE
1-0102-EAAA-A001	ELECTRICAL, LEGEND AND DETAILS

DISCLAIMER NOTES:

1. ARC FLASH VALUES ARE PRELIMINARY AND WILL BE FINALIZED AT A LATER DATE.

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

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	WE	DEB

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: V. ELIMBAN	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: MJ. PERSSON	APPROVED BY: D. BECKER
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2014/10/06	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.E. BECKER
Member 23646
REGISTERED PROFESSIONAL ENGINEER
April 5/2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/ EXPANSION PROJECT
ELECTRICAL - SINGLE LINE DIAGRAM
ADMINISTRATION BUILDING AND SEPTAGE FACILITY
MCC-M710

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ESLD-M001	001	00	A1

LAST SAVE: 2017/03/28 - 11:48am
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0416219\1-0102-ESLD-M001.dwg

PLOT DATE: Mar 28, 2017 - 11:48am
FILE NAME: 1-0102-ESLD-M001.dwg