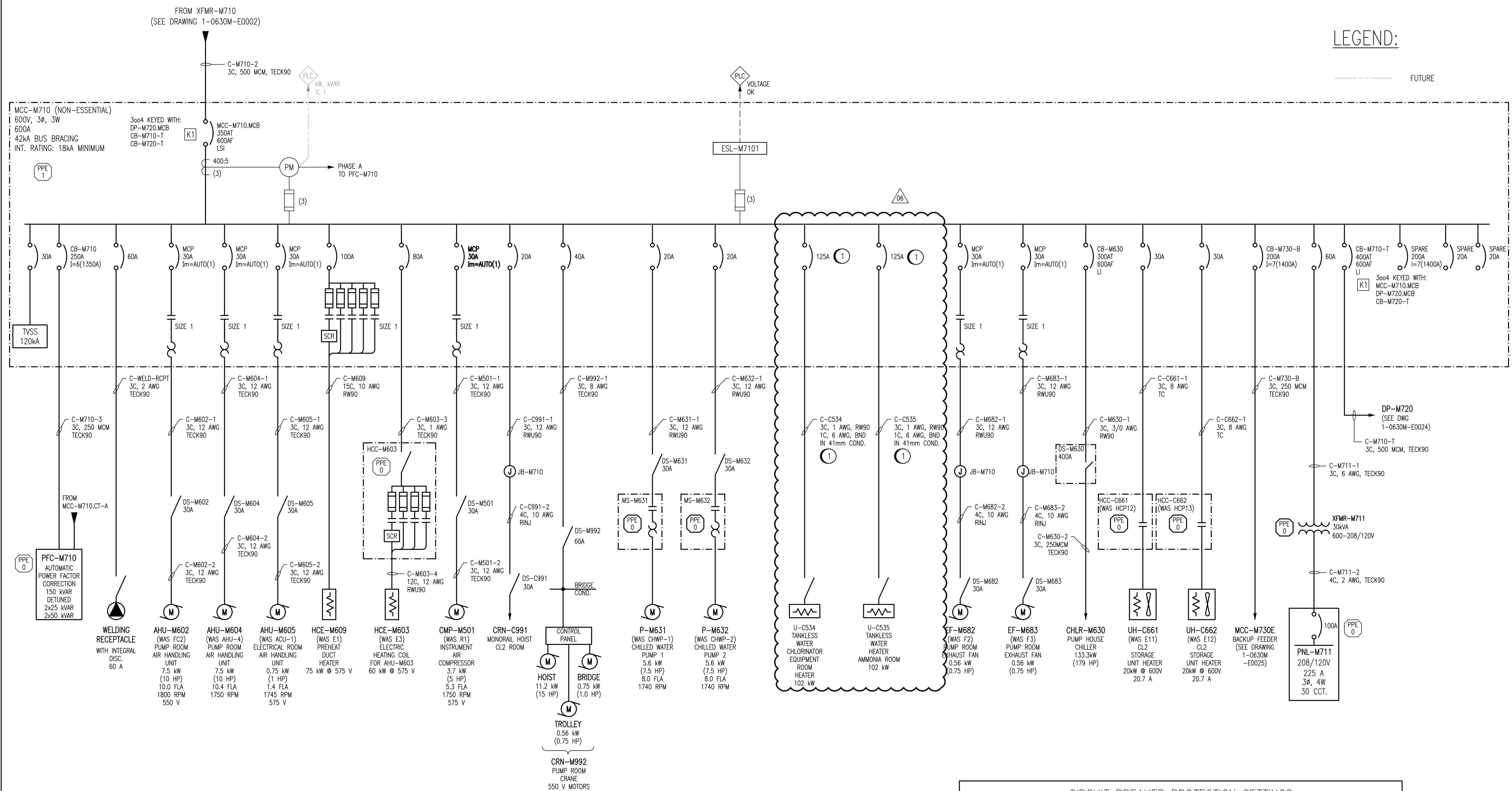




LEGEND:

FUTURE

SPECIFIC NOTES:

- 1 PROVIDE NEW 125A CIRCUIT BREAKERS AND ALL REQUIRED CONDUIT AND CABLING TO FEED NEW TANKLESS WATER HEATERS, U-C534 AND U-C535. BREAKER MODEL AND KAIC RATING TO EXISTING BREAKER IN DISTRIBUTION. ALL WALL PENETRATIONS SHALL BE SEALED WITH FIRE STOP OR A SUITABLE ALTERNATIVE.

CIRCUIT BREAKER PROTECTION SETTINGS

BREAKER	MODEL	FRAME	SENSOR	LTPU (lr)	LTD (tr)	STPU (lsd)	STD (tsd)	INST (li)
MCC-M710.MCB	LLM36400U43XEK	600 A	400 A	350 A	16	2100 A (6)	0.2	4800 A (12)
CB-M710-T	LLP36400U31X	600 A	400 A	400 A	16	N/A	N/A	4800 A (12)
CB-M630	LLP36400U31X	600 A	400 A	300 A	8	N/A	N/A	1200 A (3)

1-0630M-E0028
1-0630M-E0026
1-0630M-E0024
1-0630M-E0001

MCC SCHEDULES, MCC-M710 AND MCC-M730E
MCC ELEVATION AND DETAILS, MCC-M710
SINGLE LINE DIAGRAM, DP-M720
ELECTRICAL SINGLE LINE DIAGRAM LEGEND AND DETAILS

DRAWING NUMBER

REFERENCE DRAWINGS

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

AtkinsRéalis

148 Nature Park Way, Winnipeg, Manitoba
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ENGINEER'S SEAL



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MACLEAN WATER PUMPING STATION

ELECTRICAL SINGLE LINE DIAGRAM
MCC-M710

CITY DRAWING NUMBER

1-0630M-E0023

SHEET

001

REV.

06

SIZE

A1

NO.	REVISIONS	DATE	DESIGN	CHECK
06	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE	VE
05	REVISED PER 2014 CHILLER REPLACEMENT	2021/02/04	-	JDB
04	AS-BUILT	2013/07/24	-	BJC
03	ISSUED FOR CONSTRUCTION	2012/11/29	BJC	CJR
02	ADDENDUM 2, BID OPP. 490-2012	2012/08/22	BJC	CJR
01	ADDENDUM 1, BID OPP. 490-2012	2012/08/14	BJC	CJR
00	ISSUED FOR TENDER, BID OPP. 490-2012	2012/07/23	BJC	CJR

DESIGNED BY: B. CLEVEN	CHECKED BY: C. REIMER
DRAWN BY: S. FUNK	APPROVED BY: C. REIMER
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: R. CARROLL
DATE: 2011/01/25	DATE: 2012/11/29
CONSULTANT NO.:	508955-0000-47DD-0023