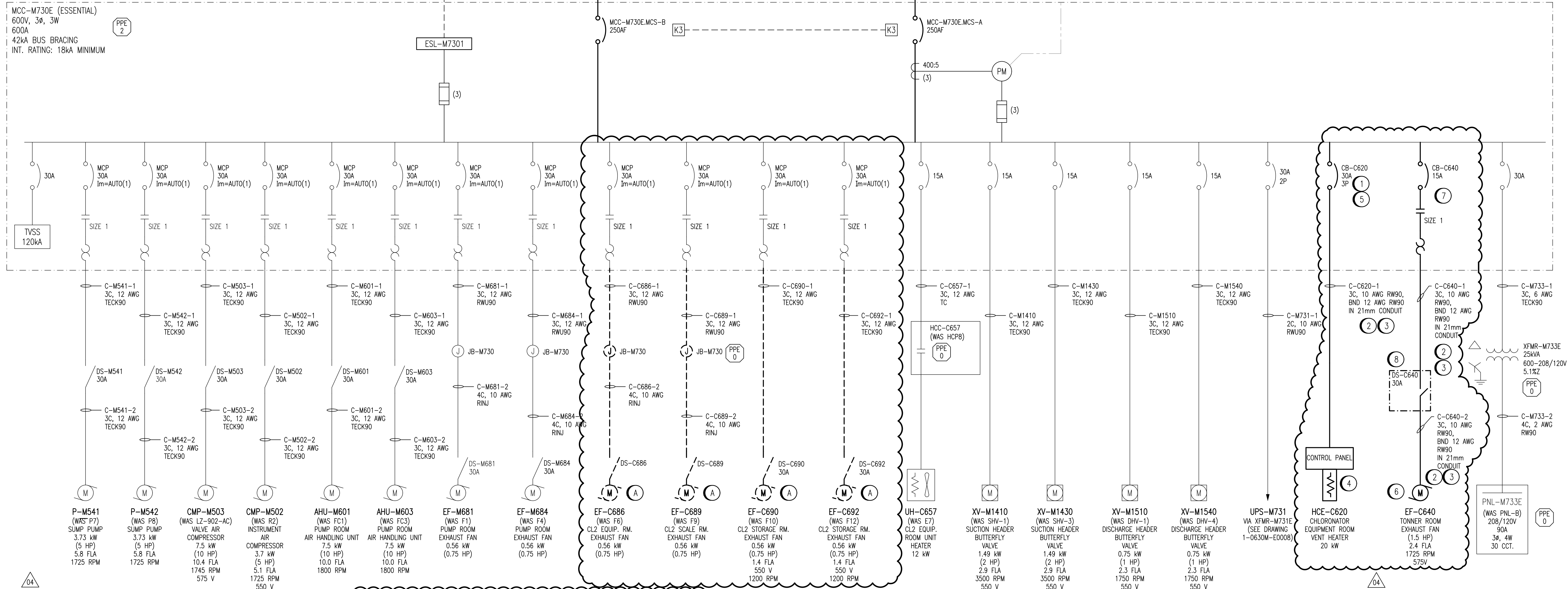


LEGEND:

_____ EXISTING

_____ NEW WORK

----- FUTURE
----- DEMOLITION



DEMOLITION NOTES:

- (A) DEMOLISH EXISTING FANS EF-C686, EF-C689, EF-C690, EF-C692, INCLUDING ALL CONDUIT AND CABLING BACK TO THE SOURCE PANEL. SEAL ALL HOLES LEFT BY DEMOLITION. SEE DRAWING 1-0630M-E0072 FOR DEMOLITION DETAILS. RENAME MCC BUCKET AS SPARE.

4. SPECIFIC NOTES:

- ① PROVIDE NEW CIRCUIT BREAKERS AND ALL REQUIRED CONDUIT AND CABLEING TO FEED NEW EQUIPMENT LOADS. HCE-C620 FROM MCC-M730E. BREAKER MODEL AND KAIC RATING TO EXISTING BREAKER IN DISTRIBUTION.
- ② PROVIDE NEW CABLEING AND CONDUIT FROM MCC TO NEW EQUIPMENT. ALL CONDUIT AND CABLEING RAN WITHIN THE CHLORINE TONNER ROOM, SCALE ROOM AND CHLORINATOR ROOMS MUST MEET NEMA 4X STANDARDS AND CEC HAZARDOUS LOCATIONS REQUIREMENTS.
- ③ ALL WALL PENETRATIONS INTO THE CHLORINE BUILDING SPACE MUST BE SEALED WITH FIRE STOP OR A SUITABLE ALTERNATIVE.
- ④ PROVIDE NEW DUCT HEATER PACKAGED UNIT, HCE-C620. HCE-C620 TO BE PROVIDED BY MECHANICAL CONTRACTOR.
- ⑤ PROVIDE NEW DUCT HEATER MCC BUCKET EQUIPPED WITH HAND-OFF-AUTO SWITCH. REFER TO HEATER SCHEMATIC ON DRAWING 1-0630M-E0078.
- ⑥ PROVIDE NEW FEED TO NEW CHLORINE EXHAUST FAN EF-C640. EF-C640 TO BE PROVIDED BY MECHANICAL CONTRACTOR.
- ⑦ PROVIDE NEW STARTER BUCKET FOR EXHAUST FAN EF-C640 IN MCC-M730E. REFER TO MOTOR SCHEMATIC DRAWING 1-0630M-E0079 FOR DETAILS.
- ⑧ PROVIDE NEW LOCAL DISCONNECT SWITCH. DISCONNECT TO BE NEMA 4X RATED.

1-0630M-E0028	MCC SCHEDULES, MCC-M710 AND MCC-M730E
1-0630M-E0027	MCC ELEVATION AND DETAILS, MCC-M730E
1-0630M-E0001	ELECTRICAL SINGLE LINE DIAGRAM LEGEND AND DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS

04	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE	VE	
03	AS-BUILT	2013/07/24	-	B/C	C/R
02	ISSUED FOR CONSTRUCTION	2012/11/29	B/C	C/R	C/R
01	ADDENDUM 1, BID OPP. 490-2012	2012/08/14	B/C	C/R	C/R
00	ISSUED FOR TENDER, BID OPP. 490-2012	2012/07/23	B/C	C/R	C/R
NO.	REVISIONS	DATE	DESIGN	CHECK	

 AtkinsRéalis	
148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080	
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-0025	

ENGINEER'S SEAL

 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT				
MACLEAN WATER PUMPING STATION ELECTRICAL SINGLE LINE DIAGRAM MCC-M730E ESSENTIAL MCC				
CITY DRAWING NUMBER		SHEET	REV.	SIZED
1-0630M-E0025		001	04	A1