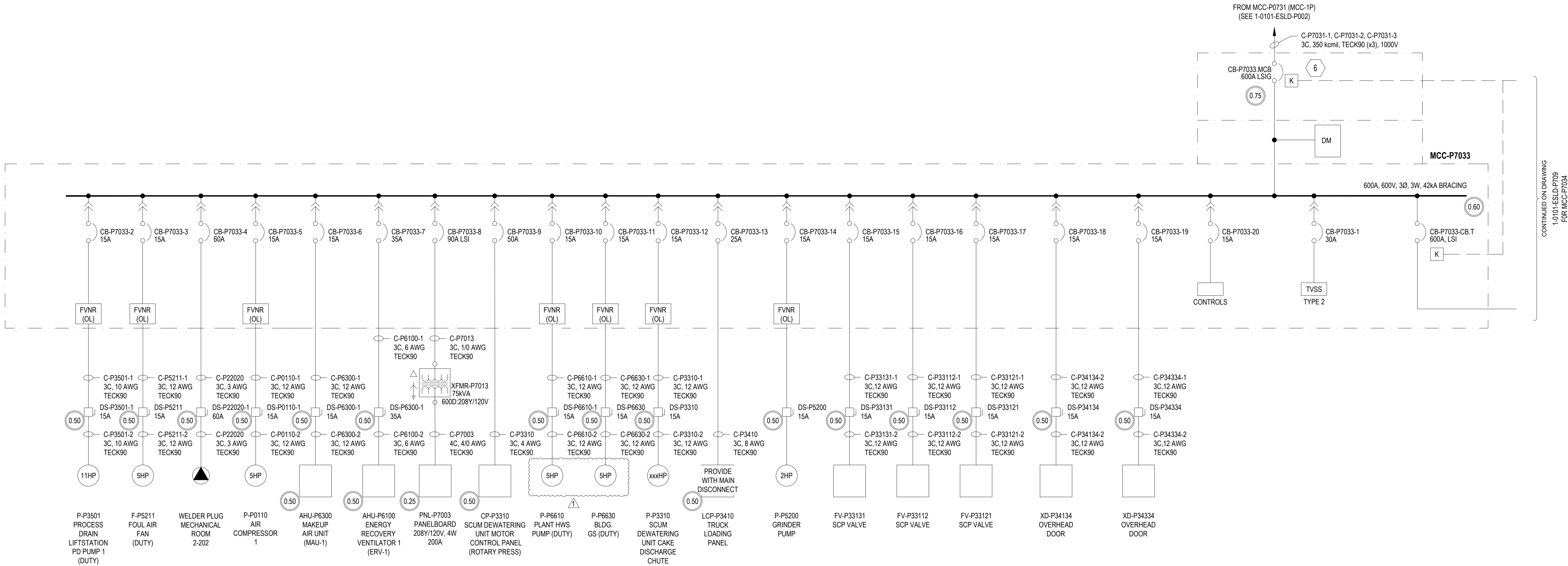


LAST SAVE: 2025/04/04 12:13 PM
PATH: C:\Users\wlandt\OneDrive\AECOM\City of Winnipeg - NEWPCC Upgrade 2021\Project Files\900 Design Collaboration\60861262 Primary Clarifier Upgrade\E - Electrical\DWG - DD1-0101-ESLD-P708.dwg

A1 SIZE: 594mm x 841mm



- NOTES:
1. ALL CONDUCTORS SHALL BE CU TYPE.
 2. COMPLETE ALL REQUIRED TESTING AS PER SPECIFICATION PRIOR TO ENERGIZING ANY LOAD.
 3. COMPLETE ALL COMMUNICATION TESTS, PLC CONTROL LOGIC PRIOR TO SWITCHING THE LOAD TO REMOTE.
 4. ALL BREAKERS AND STARTER SHOULD HAVE INTERRUPTION RATING FOR 50kAIC.
 5. FIELD DISCONNECT SWITCHES FOR VFD TO HAVE AUXILIARY CONTACT TO SHUT DOWN THE VFD UPON DISCONNECT SWITCH ACTIVATION.
 6. BREAKER SHALL INCLUDE AN AUXILIARY CONTACT FOR REMOTE MONITORING.

PRELIMINARY ARC FLASH INCIDENT ENERGY VALUES

DISCLAIMER NOTES:

1. ARC FLASH VALUES ARE PRELIMINARY AND WILL BE FINALIZED AT A LATER DATE.
2. IMPEDANCE %Z FOR TRANSFORMER ARE ESTIMATED AND WILL BE CORRECTED WITH ACTUAL VALUES SUBMITTED BY THE CONTRATOR FROM SHOP DRAWING SUBMITTALS.

NO.	DRAWING TITLE	DRAWING NUMBER
1	SCUM DEWATERING BUILDING - MCC ELEVATION MCC-P7033 & MCC-P7034	1-0101-ECBD-P701
REFERENCE DRAWING		

AECOM			
DESIGNED BY:	JG	CHECKED BY:	SB
DRAWN BY:	JEP	APPROVED BY:	NW
SCALE:	NONE	RELEASED FOR CONSTRUCTION BY:	
DATE:	2020-12-09	DATE:	
CONSULTANT NO.:	P3-E613		
01 ISSUED FOR ADDENDUM 11	2025-04-04	TW	SB
00 ISSUED FOR TENDER	2025-01-31	JEP	SB
NO. REVISIONS	DATE	DESIGN	CHECK

ENGINEERS SEAL			
THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT			
NORTH END SEWAGE TREATMENT PLANT PRIMARY CLARIFICATION PROJECT ELECTRICAL SCUM DEWATERING BUILDING - SINGLE LINE DIAGRAM MCC-P7033			
CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-ESLD-P708	001	01	A1