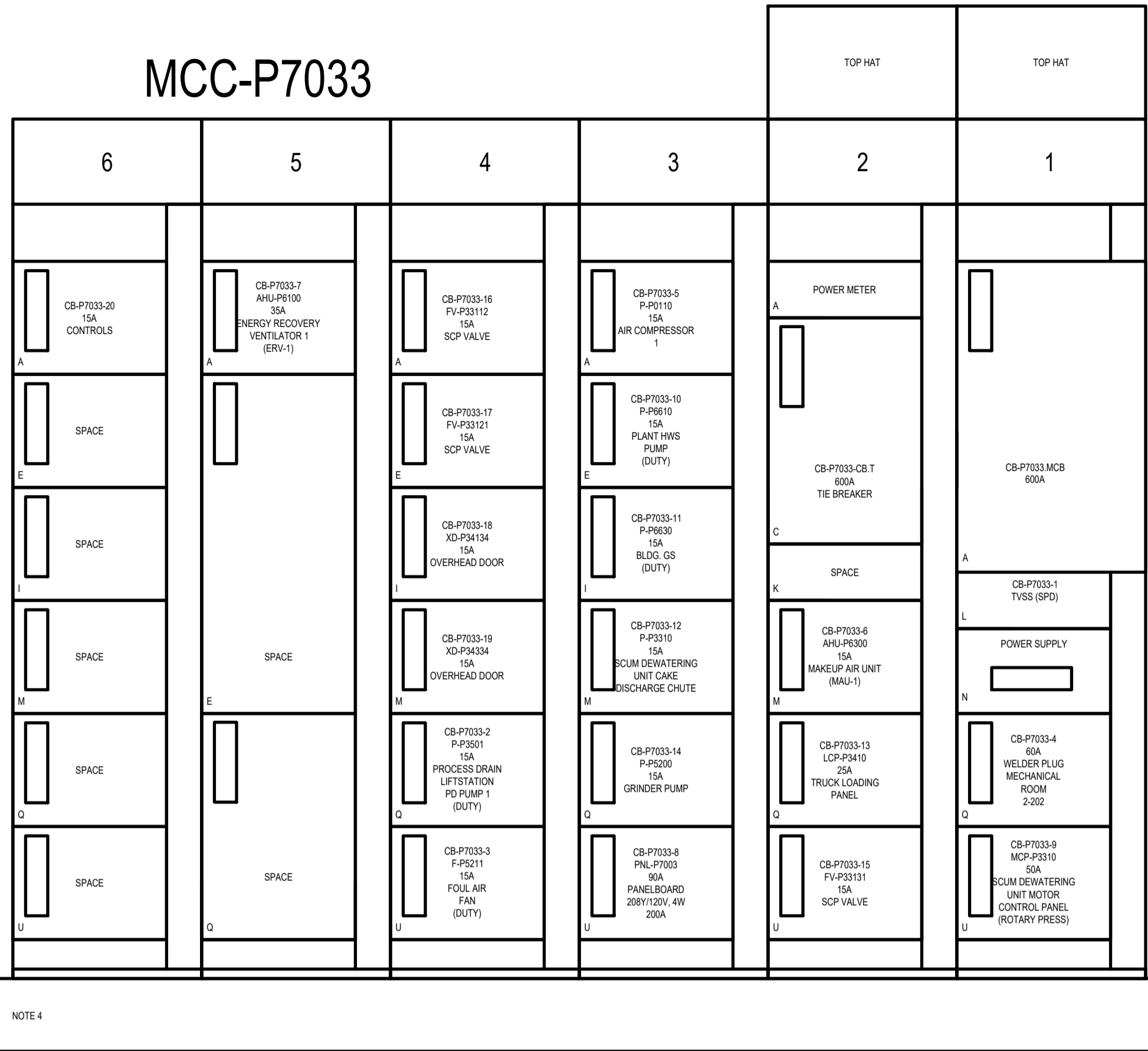


MCC-P7033

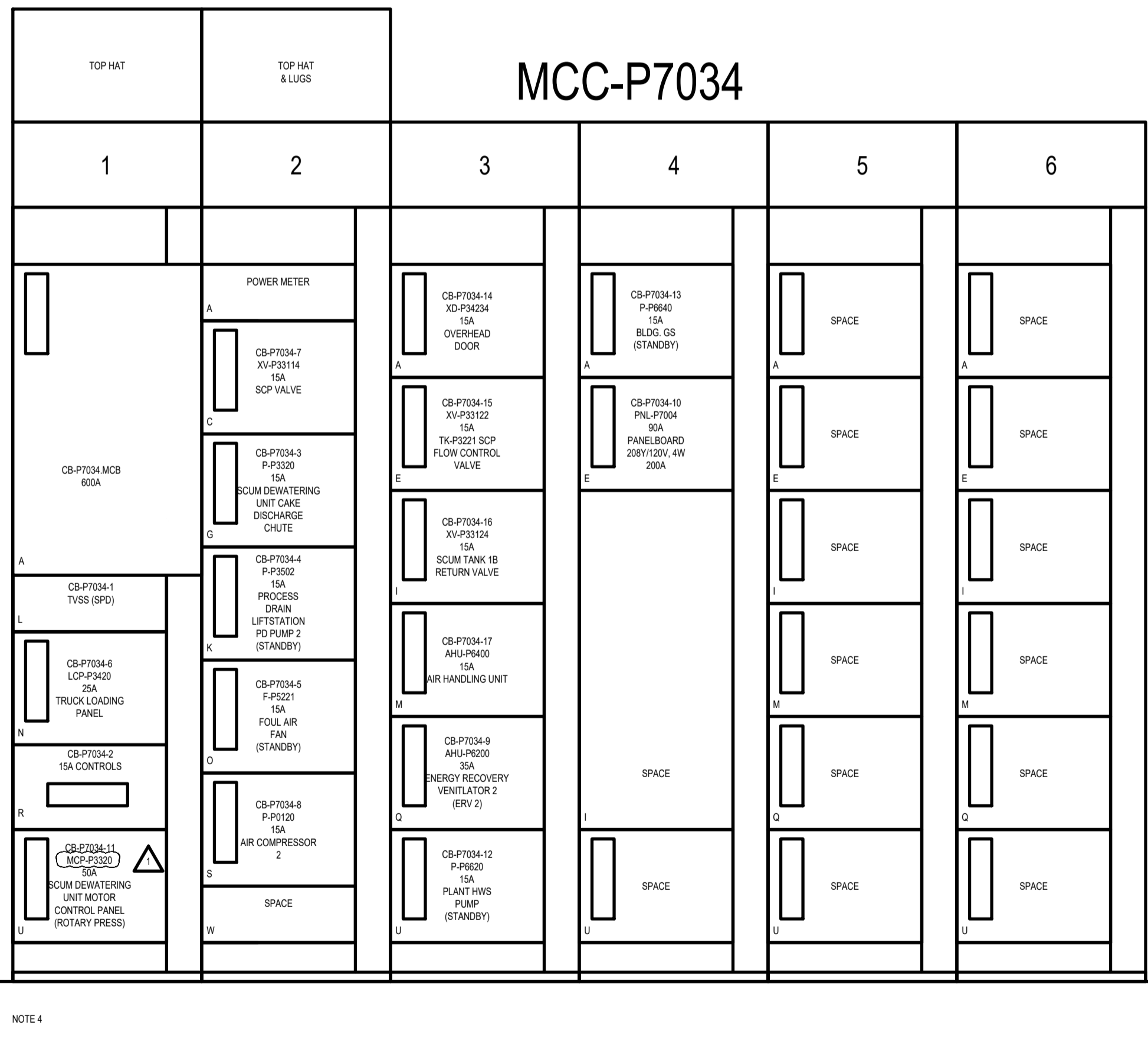


NOTE 4

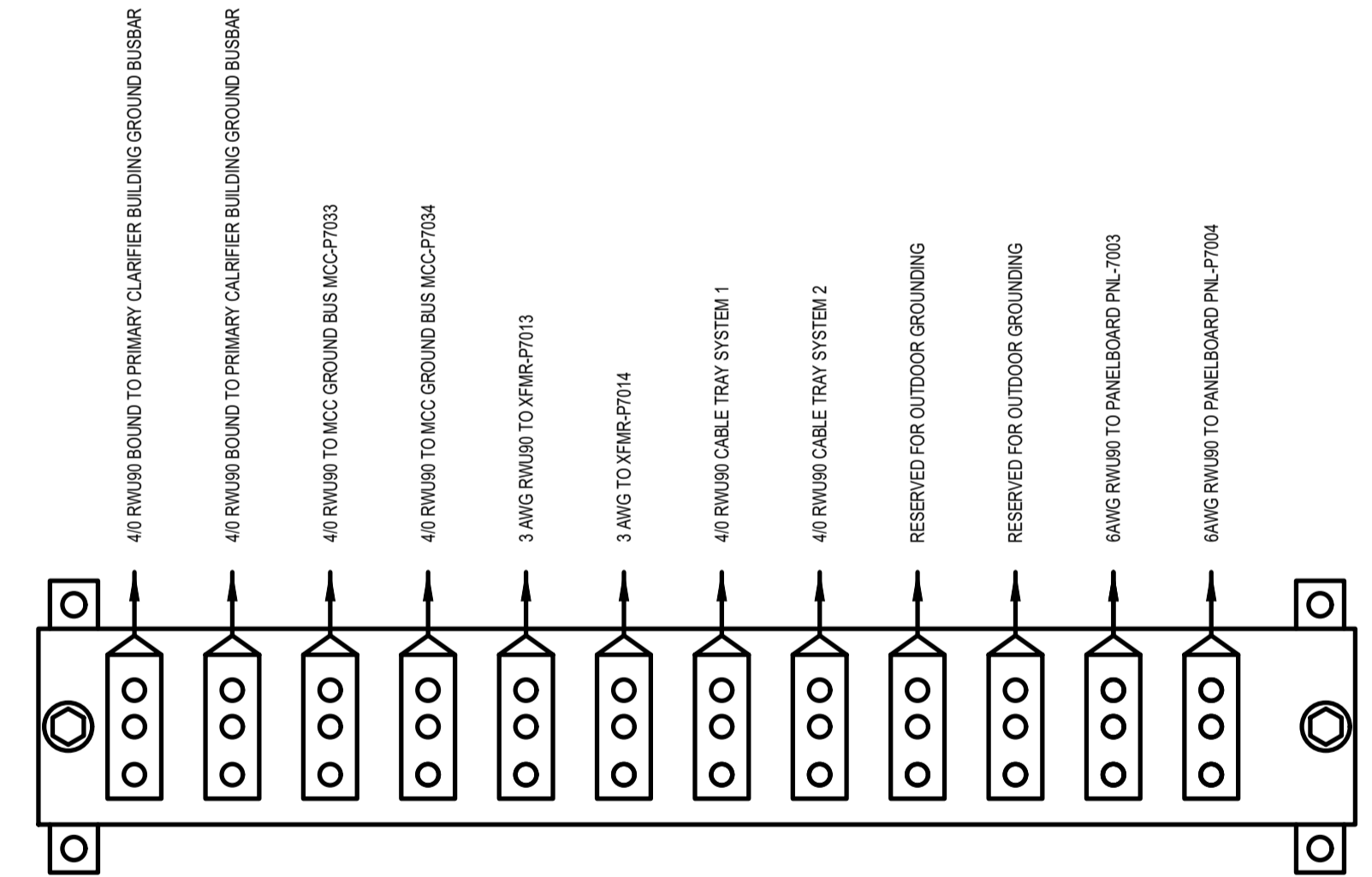
NOTES:

- REFER TO SINGLE LINE DIAGRAMS FOR DEVICES (PROTECTION RELAYS, POWER METERS, ETC.) TO BE MOUNTED AT THE FRONT OF EACH COMPARTMENT.
- MCC MAIN BREAKERS ARE TOP ENTRY WITH METERING.
- HORIZONTAL BUS SHALL BE TINNED COPPER, WITH A MINIMUM BRACING OF 42x4.
- ENSURE HOUSEKEEPING PAD EXTENDS BEYOND THE MCC BY A MINIMUM OF 25.4mm IN ALL DIRECTIONS WITH A MINIMUM THICKNESS OF 100mm.

MCC-P7034



NOTE 4



ELECTRICAL ROOM FACILITY GROUND BUSBAR

NOTES:

- INDOORS: EXCEPT WHEN ROUTED IN CABLE TRAY RUN BONDING CONDUCTORS IN RPVC.
- NOT ALL BONDING POINTS ARE SHOWN, SIZE GROUND BUSBAR AS SHOWN PLUS 20% SPARE CAPACITY.

NO.	DRAWING TITLE	DRAWING NUMBER
3	SCUM DEWATERING BUILDING - MAIN LEVEL POWER PLAN	1-0101-EGAD-P003
2	SCUM DEWATERING BUILDING - SINGLE LINE DIAGRAM MCC-P7034	1-0101-ESLD-P709
1	SCUM DEWATERING BUILDING - SINGLE LINE DIAGRAM MCC-P7033	1-0101-ESLD-P708
	REFERENCE DRAWING	

NOTICE:
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**ENGINEERS
SCIENTISTS
MANITOBA**
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2023-08-17

NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR ADDENDUM 5	2023-11-20	TW	SB
00	ISSUED FOR TENDER	2023-08-17	JEP	SB

AECOM	
DESIGNED BY: JG	CHECKED BY: SB
DRAWN BY: TW	APPROVED BY: SRB
SCALE: NTS	RELEASED FOR CONSTRUCTION BY:
DATE: 2021-06-07	DATE:
CONSULTANT NO.: P3-E202	

ENGINEER'S SEAL

TENDER NO. 463-2022

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
PRIMARY CLARIFICATION PROJECT
ELECTRICAL
SCUM DEWATERING BUILDING - MCC ELEVATION
MCC-P7033 & MCC-P7034

CITY DRAWING NUMBER: **1-0101-ECBD-P701** SHEET: **001** REV: **01** SIZE: **A1**