

CONTINUED ON DWG. 1-0640C-E0007

**CHLORINE BUILDING - ELECTRICAL PARTIAL PLAN LAYOUT (AT GALLERY LEVEL)**

SCALE: 1 : 20

**GENERAL NOTES:**

- ALL DEVICES ARE NEW UNLESS SPECIFICALLY NOTED OTHERWISE AND SHALL BE PROVIDED BY THE CONTRACTOR.
- EXISTING CABLE TRAY NOT SHOWN. ALL NEW CABLES ROUTED TO CHLORINE BUILDING ELECTRICAL AREA FROM THE MAIN PUMP HOUSE ELECTRICAL ROOM TO BE ROUTED IN CONDUIT. CONDUIT AND CABLING SYSTEM TO MEET NEMA 4X STANDARD IN CHLORINE BUILDING TANK ROOM AND EQUIPMENT ROOM.
- REFER TO ASBESTOS REPORTS IN APPENDIX B. ASBESTOS IS PRESENT IN AND/OR PRESUMED TO BE PRESENT IN (BUT NOT LIMITED TO) THE FOLLOWING:

PIPING : RAIN WATER LEADER (SWEAT WRAP PIPE INSULATION & PARGING OVER FIBERGLASS)

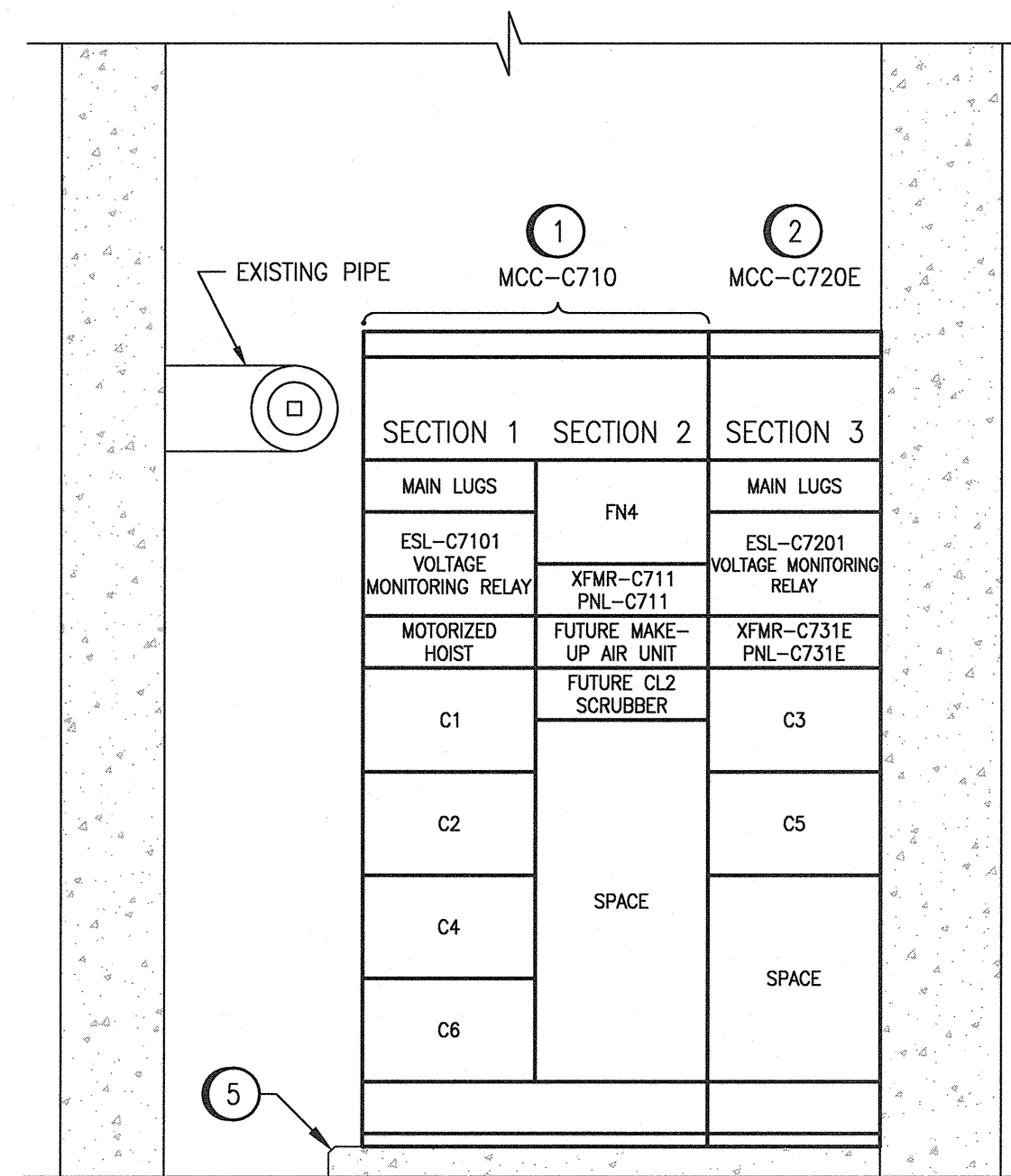
WALL : VERMICULITE INSULATION (MASONRY) PLASTER (PREFORMED BLOCK)

**LEGEND:**

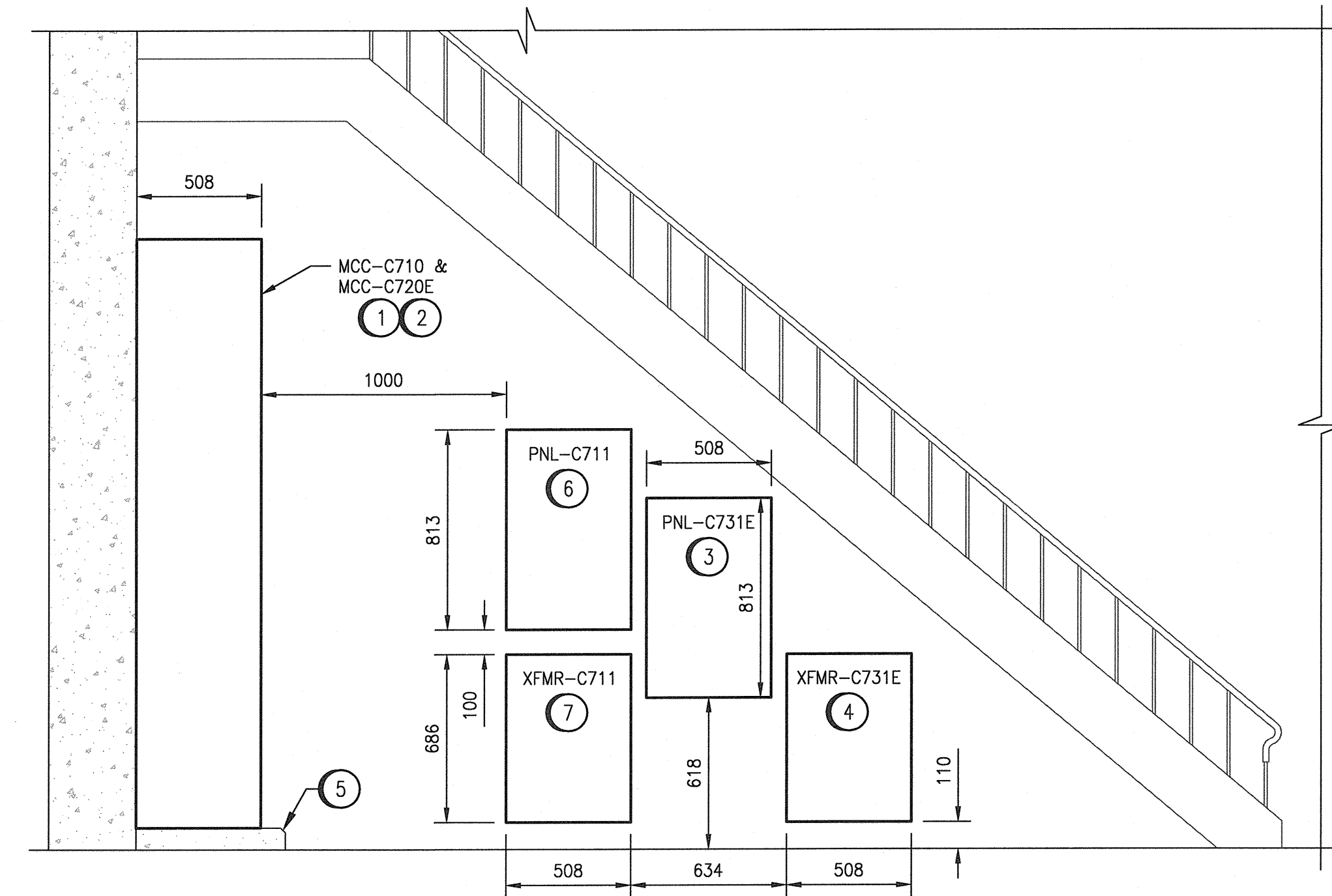
- EXISTING
- NEW WORK

**CONSTRUCTION NOTES:**

- PROVIDE NEW NON-ESSENTIAL MCC, MCC-C710.
- PROVIDE NEW ESSENTIAL MCC, MCC-C720E.
- PROVIDE 225A, 120/208V, 3φ, 4W, 30 CCT. PANELBOARD, PNL-C731E.
- PROVIDE NEW 15 KVA TRANSFORMER, XFMR-C731E.
- PROVIDE HOUSEKEEPING PAD 89mm HIGH, EXTEND 100mm ON FRONT AND LEFT SIDE OF THE EQUIPMENT WITH 20mm CHAMFERED EDGES. PROVIDE REINFORCEMENT AND ANCHOR PAD TO FLOOR SLAB. REFER TO DRAWING 1-0640B-E0005 FOR INSTALLATION DETAILS.
- PROVIDE 225A, 120/208V, 3φ, 4W, 30 CCT. PANELBOARD, PNL-C711.
- PROVIDE NEW 30 KVA TRANSFORMER, XFMR-C711.



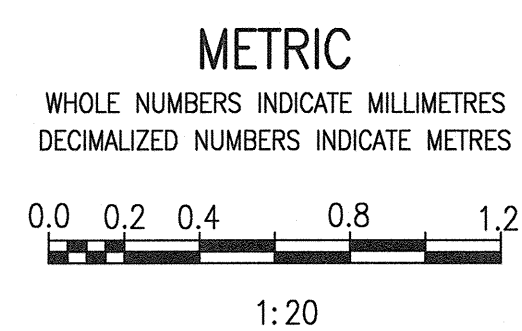
**WEST WALL ELEVATION**  
SCALE: 1 : 20



**NORTH WALL ELEVATION**  
SCALE: 1 : 20

**NOTES:**

- THIS DRAWING SUPERCEDES PART OF DRAWING Q-MCP-186.
- SPACE FOR NEW EQUIPMENT IS LIMITED. ENSURE EQUIPMENT PROVIDED FITS IN AVAILABLE SPACE AND MEETS APPLICABLE CODES AND STANDARDS.
- ALL EQUIPMENT ARE NEW UNLESS SPECIFICALLY STATED OTHERWISE.



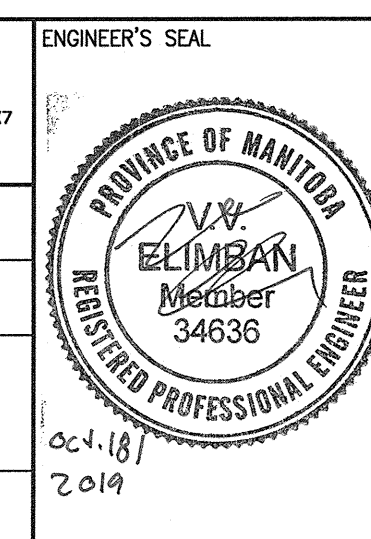
NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	SB	KS

**SNC-LAVALIN INC.**  
148 Nature Park Way  
Winnipeg, MB, Canada R3P 0X7  
204-788-8080

DESIGNED BY: S. BOGHOSIAN  
DRAWN BY: S. BOGHOSIAN  
SCALE: AS SHOWN  
DATE: 2019/01/18

CHECKED BY: K. SAPIAK  
APPROVED BY: D. BECKER  
ISSUED FOR CONSTRUCTION BY: A. WEISS  
DATE: 2019/10/18

CONSULTANT NO.:



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION  
ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT  
ELECTRICAL PANEL LAYOUT  
CHLORINE BUILDING  
MCC-C710/MCC-C720E LOCATION PLAN - GALLERY LEVEL

CITY DRAWING NUMBER: 1-0640C-E0005  
SHEET: 001  
REV: 00  
SIZE: A1

DRAWING NUMBER	REFERENCE DRAWINGS
1-0640C-E0012	ELECTRICAL - HAZARDOUS LOCATION, CHLORINE BLDG GROUND LEVEL PLAN & SECTION, TYPICAL HOUSEKEEPING PAD DETAILS
1-0640B-E0005	ELECTRICAL EQUIPMENT PLAN, CHLORINE BUILDING
1-0640C-E0007	PANELBOARD SCHEDULES PNL-C711 AND PNL-C731E
1-0640C-E0006	ELECTRICAL SINGLE LINE DIAGRAM MCC-C710/MCC-C720E
1-0640C-E0003	