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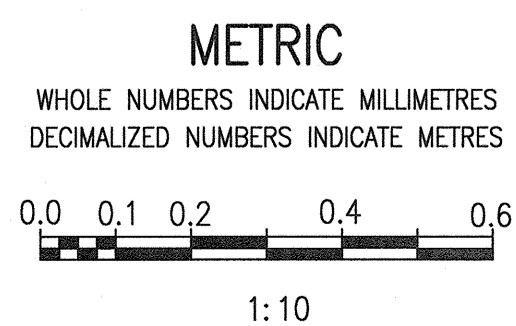
MCC-M710 ELEVATION
SCALE: 1 : 10

CONSTRUCTION NOTES:

- 1 USE EXISTING FLOOR CABLE PENETRATIONS TO CONNECT FEED CABLES TO MCC-M710. OPEN AND/OR REFILL PENETRATIONS AS NEEDED. PROVIDE NEW PENETRATIONS THROUGH CONCRETE WHERE REQUIRED.
- 2 SECTION WIDTH SHALL BE 914mm WIDE IN ORDER TO LINE UP WITH EXISTING FLOOR PENETRATIONS.

NOTES:

- 1. MCC-M710 TO BE INSTALLED IN THE LOCATION OF DEMOLISHED SGR-M1 AS SHOWN IN LOCATION PLAN DRAWING 1-0660M-E0011 AND 1-0660M-E0013.



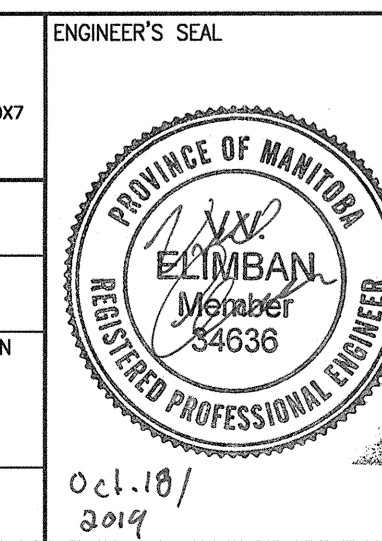
EQUIPMENT ID:		VOLTAGE:	RATING:	PHASE:	WIRE:	MAIN BREAKER:	MAIN BREAKER SETTINGS:						
MCC-M710		600V	800A	3P	4W	600AT/600AF	LTPU: LTD:	INST: GFD:					
DESCRIPTION:		LOCATION:				TYPE:	STPU:	GFD:					
NON-ESSENTIAL MCC		ELECTRICAL ROOM				LSI	STD:						
UNIT LOC#N	ID	DESCRIPTION	LOAD				STARTER			CIRCUIT PROTECTION		NOTES	
			MOTOR			NON-MOTOR	NEMA SIZE	TYPE	OVERLOAD	RATING	TYPE		
HP	KW	FLA	KW										
1A	MCC-M710.MCB	MCC MAIN BREAKER									600	LSI, 3P	
1I	MCC-M710.TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR									30	TM, 3P	
1K	MCC-M710.PM	POWER METER				12 VA					0.25	FUSE, 3P	LOAD ASSUMED
1O	ESL-M7101	VOLTAGE MONITORING RELAY											
1S	CB-M702	TEMPORARY GENERATOR CONNECTION									250		
2A	MCC-M710.PS	POWER SUPPLY				250 VA							
2E	MCC-M710.NSW	NETWORK SWITCH											
2I	SPACE	SPACE											
2K	SPACE	SPACE									15	TM, 3P	
2M	XFMR-M10	XFMR-M10, UPS-1, PNL-E				10 KVA					20	TM, 2P	
2O	XFMR-M12	XFMR-M12, PNL-M712				25 KVA					60	TM, 2P	
2Q	SPACE	SPACE											
2U	WELDING RECEPTACLE	WELDING RECEPTACLE				20 KVA					60	TM, 3P	
2W	SPACE	SPACE											
3A	DV-1	DV-1 DISCHARGE VALVE	0.31	0.24	3.8						15	TM, 3P	
3C	DV-2	DV-2 DISCHARGE VALVE	0.31	0.24	3.8						15	TM, 3P	
3E	DV-3	DV-3 DISCHARGE VALVE	0.31	0.24	3.8						15	TM, 3P	
3G	SPACE	SPACE									15	TM, 3P	
3I	TSA SPILL VALVE	TSA SPILL VALVE	0.31	0.24	3.8						15	TM, 3P	
3K	SPACE	SPACE											
4A	PP-1	PP-1 MOTOR STARTER	150	112.00	153		5	SS	MCS		350	LI, 3P	
5A	PP-2	PP-2 MOTOR STARTER	150	112.00	153		5	SS	MCS		350	LI, 3P	
6A	PP-3	PP-3 MOTOR STARTER	150	112.00	153		5	SS	MCS		350	LI, 3P	
TOTAL CONNECTED LOAD:			DEMAND LOAD - SUMMER:			DEMAND LOAD - WINTER:			LEGEND:				
526 KVA			302 KVA			170 KVA			FVNR FULL VOLTAGE NON-REVERSING TM THERMAL MAGNETIC MMC MOTOR MANAGEMENT CONTROLLER (TESYS T)				
									MCP MOTOR CIRCUIT PROTECTOR 3P 3 POLE MCS MOLDED CASE SWITCH				

1-0660M-E0013	ELECTRICAL EQUIPMENT PLAN, MAIN FLOOR
1-0660M-E0007	ELECTRICAL SINGLE LINE DIAGRAM, MCC-M710
DRAWING NUMBER	REFERENCE DRAWINGS

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

SNC-LAVALIN INC.
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204-786-8080

DESIGNED BY: S. BOGHOSIAN
CHECKED BY: B. CLEVEN
DRAWN BY: J. GRAGASIN
APPROVED BY: D. BECKER
SCALE: NTS
ISSUED FOR CONSTRUCTION
DATE: 2019/01/18
DATE: 2019/10/18



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

TACHE BOOSTER PUMPING STATION

MCC ELEVATION AND SCHEDULE
MCC-M710

CITY DRAWING NUMBER: 1-0660M-E0008
SHEET: 001
REV: 00
SIZE: A1