

CIRCUIT BREAKER PROTECTION SETTINGS									
CIRCUIT BREAKER	MODEL	FRAME	SENSOR/TRIP UNIT	PLUG	LTPU	LTD	STPU	STD	INST
CB-U701	USR-6IR	4000A	4000A	4000A	0.7 (3080A)	6 sec	2 (5600A)	0.2 sec	6 (24000A)
CB-U702	USR-6IR	4000A	4000A	4000A	0.5 (2200A)	2 sec	2 (4000A)	0.2 sec	6 (24000A)
CB-U701-T	USR-6IR	4000A	4000A	2000A	0.8 (1760A)	2 sec	2 (3200A)	0.1 sec	4 (8000A)
1 CB-U703	USR-6IR	1600A	1600A	1280A	0.53 (748A)	4 sec	2 (1360A)	0.1 sec	4 (5120A)
CB-U730	USR-6IR	2000A	2000A	1600A	0.9 (1584A)	2 sec	2 (2560A)	0.1 sec	6 (9600A)
CB-U710	USR-6IR	800A	800A	200A	1 (220A)	10 sec	6 (1200A)	0.2 sec	12 (2400A)
CB-MCC-1SB	USR-6IR	800A	800A	400A	0.9 (396A)	20 sec	8 (2880A)	0.1 sec	12 (4800A)
CB-MCC-1S	USR-6IR	800A	800A	400A	1 (440A)	20 sec	6 (2400A)	0.2 sec	12 (4800A)
CB-MCC-1H	USR-6IR	800A	800A	400A	1 (440A)	20 sec	6 (2400A)	0.1 sec	12 (4800A)
CB-CDP-2UAA-1	USR-6IR	800A	800A	400A	0.9 (396A)	20 sec	8 (2880A)	0.1 sec	12 (4800A)
CB-CDP-2UAA-2	USR-6IR	800A	800A	400A	0.9 (396A)	20 sec	8 (2880A)	0.1 sec	12 (4800A)
CB-U740	USR-6IR	2000A	2000A	1600A	0.9 (1584A)	2 sec	2 (2560A)	0.1 sec	6 (9600A)
CB-MCC-2H	USR-6IR	800A	800A	400A	1 (440A)	20 sec	6 (2400A)	0.1 sec	12 (4800A)
CB-MCC-2S	USR-6IR	800A	800A	400A	1 (440A)	20 sec	6 (2400A)	0.2 sec	12 (4800A)
CB-MCC-2SB	USR-6IR	800A	800A	400A	0.9 (396A)	20 sec	8 (2880A)	0.1 sec	12 (4800A)
CB-U720	USR-6IR	800A	800A	200A	1 (220A)	10 sec	6 (1200A)	0.2 sec	12 (2400A)
1 CB-U704	USR-6IR	4000A	4000A	4000A	0.7 (3080A)	6 SEC	2 (5600A)	0.2 sec	6 (2400A)

CONSTRUCTION NOTES

- 1 ADJUST SETTINGS OF EXISTING RELAY AS SHOWN.

NOTES:

- 1. THIS DRAWING IS BASED ON EXISTING DOCUMENTATION AND MAY NOT BE EXACTLY AS SHOWN.



NO.	REVISIONS	DATE	DESIGN	CJR	CHECK
00	ISSUED FOR TENDER (BID OP. 419-2013)	2013/06/26	TMC	CJR	

SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: I. CHURCH	CHECKED BY: C. REIMER
DRAWN BY: M.J. PERSSON	APPROVED BY: C. REIMER
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: M. PAETKAU
DATE: 2013/05/28	DATE: 2013/06/26
CONSULTANT NO.:	

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 WEST END WATER POLLUTION CONTROL CONETRE
 POWER FACTOR CORRECTION
 PROTECTION SETTINGS
 SGR-U701 AND SGR-U702

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0103V-E0028	001	00	A1

1-0103V-E0027	600V SINGLE LINE DIAGRAM
DRAWING NUMBER	REFERENCE DRAWINGS