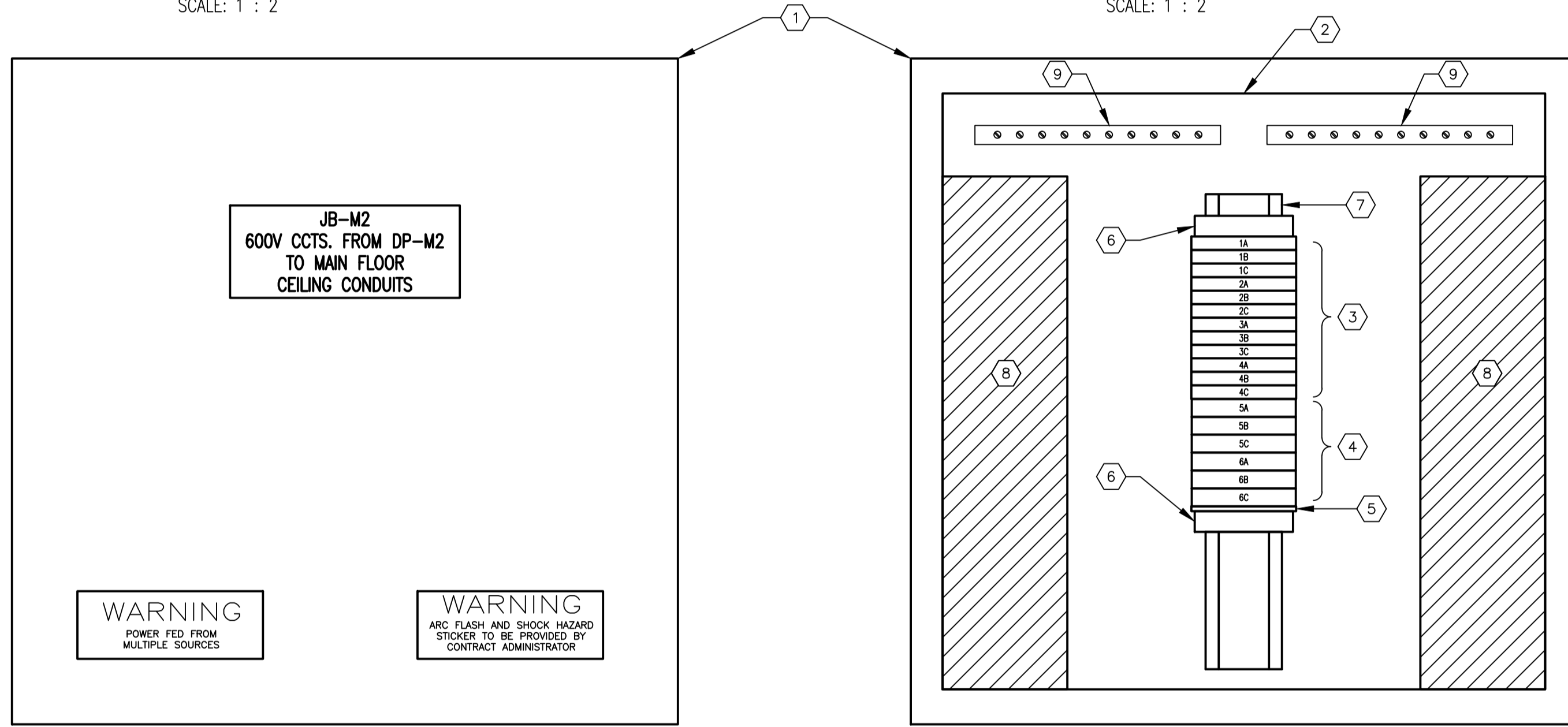


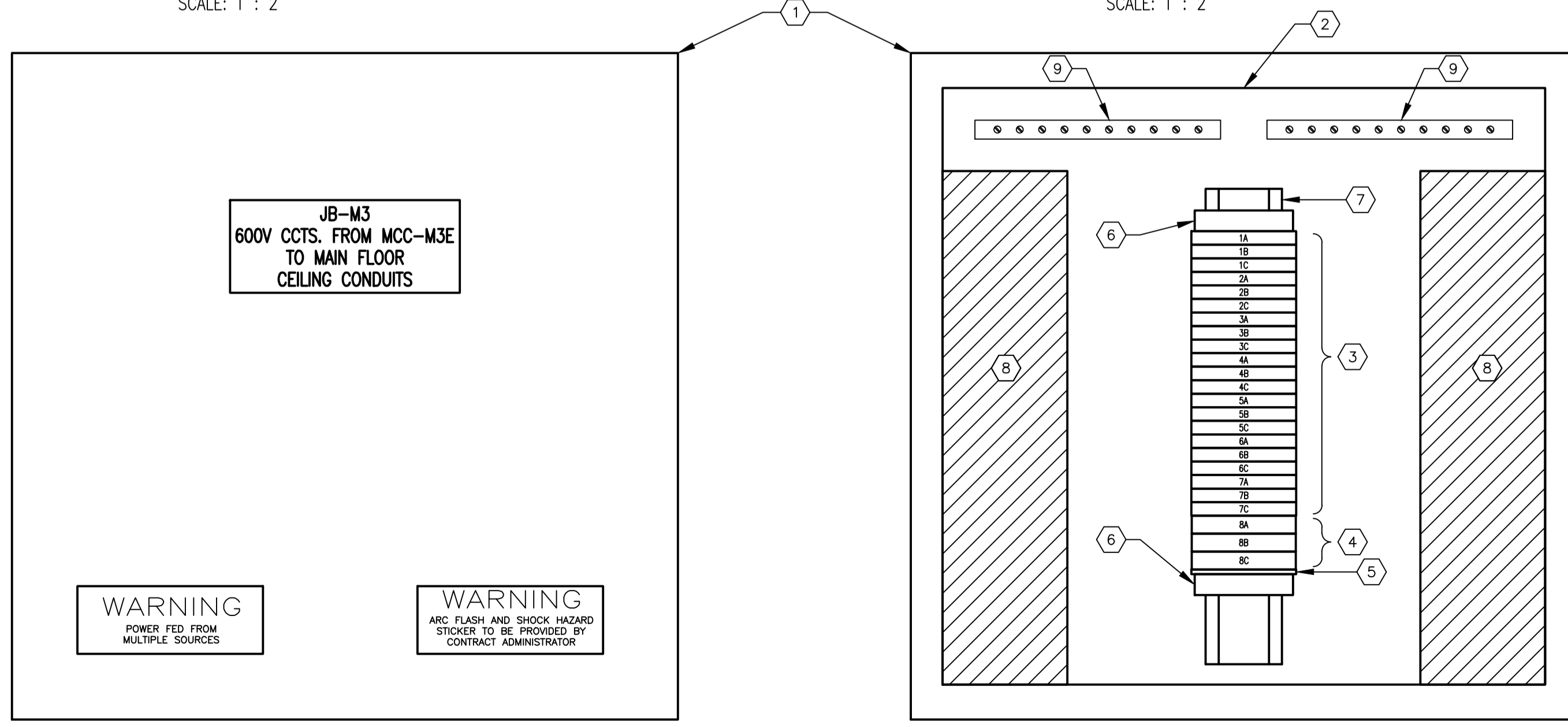
**EXTERIOR PANEL VIEW**  
SCALE: 1 : 2

**INTERIOR PANEL VIEW**  
SCALE: 1 : 2



**EXTERIOR PANEL VIEW**  
SCALE: 1 : 2

**INTERIOR PANEL VIEW**  
SCALE: 1 : 2



**EXTERIOR PANEL VIEW**  
SCALE: 1 : 2

**INTERIOR PANEL VIEW**  
SCALE: 1 : 2

**BILL OF MATERIALS (PER JB)**

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	JUNCTION BOX, NEMA TYPE 12, SCREW COVER	HOFFMAN	A1212SC
2	1	BACKPAN	HOFFMAN	A12P12
3	AS REQ'D	FEED THROUGH TERMINALS, 26-10 AWG, 30A	PHOENIX CONTACT	3044102
4	AS REQ'D	FEED THROUGH TERMINALS, 24-8 AWG, 50A	PHOENIX CONTACT	3044131
5	1	TERMINAL END PLATE	PHOENIX CONTACT	3047028
6	2	TERMINAL END CLAMP	PHOENIX CONTACT	1201442
7	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
8	AS REQ'D	NARROW SLOT WIRING DUCT, 2.25" x 3.12" (W x H)	PANDUIT	-
9	2	GROUND BAR, 8 TAP	ILSCO	D167-8

**TERMINAL SCHEDULE**

PANEL	TERMINAL	RATING	LOAD	CONDUCTOR
JB-M1	1A 1B 1C	30A	EF-M682	12 AWG
	2A 2B 2C	30A	EF-M683	12 AWG
	3A 3B 3C	30A	CRN-M991	12 AWG
	4A 4B 4C	30A	SPARE	
	5A 5B 5C	50A	SPARE	
	6A 6B 6C	50A	SPARE	
JB-M2	1A 1B 1C	30A	OD-M996	12 AWG
	2A 2B 2C	30A	OD-M997	12 AWG
	3A 3B 3C	30A	HCC-M664	DISCONTINUED
	4A 4B 4C	30A	HCC-M663	12 AWG
	5A 5B 5C	50A	SPARE	
	6A 6B 6C	50A	SPARE	
JB-M3	1A 1B 1C	30A	EF-M681	12 AWG
	2A 2B 2C	30A	EF-M684	12 AWG
	3A 3B 3C	30A	EF-M686	12 AWG
	4A 4B 4C	30A	EF-M689	12 AWG
	5A 5B 5C	30A	SPARE	
	6A 6B 6C	30A	SPARE	
	7A 7B 7C	30A	SPARE	
	8A 8B 8C	50A	SPARE	

**NOTES**

- INSTALL A MINIMUM OF 6 SPARE 12 AWG, RW90, 1000V WIRES TO EACH JUNCTION BOX FROM THE CORRESPONDING POWER SOURCE.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ADDENDUM 1, BID OPP. 490-2012	2012/08/14	BJC	CJR
00	ISSUED FOR TENDER, BID OPP. 490-2012	2012/07/23	BJC	CJR

 SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: B. CLEVEN	CHECKED BY: C. REIMER
DRAWN BY: M.J. PERSSON	APPROVED BY: C. REIMER
SCALE: 1:2	RELEASED FOR CONSTRUCTION BY: DATE: 2012/03/08
CONSULTANT NO.: 508955-0000-47DD-0043	

ENGINEER'S SEAL  
**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION

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

MACLEAN WATER PUMPING STATION

PANEL LAYOUT  
JB-M1, JB-M2, JB-M3

CITY DRAWING NUMBER: 1-0630M-E0043

SHEET: 001

REV: 01

SIZE: A1