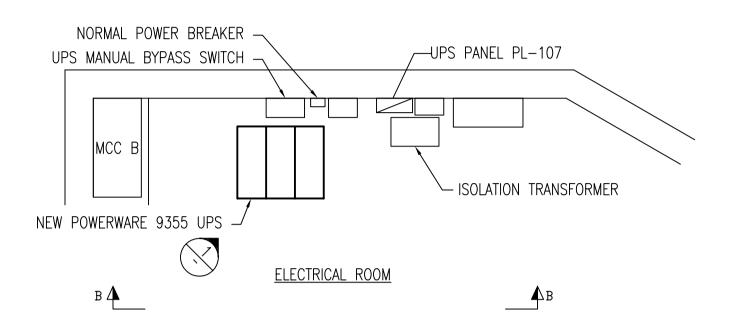
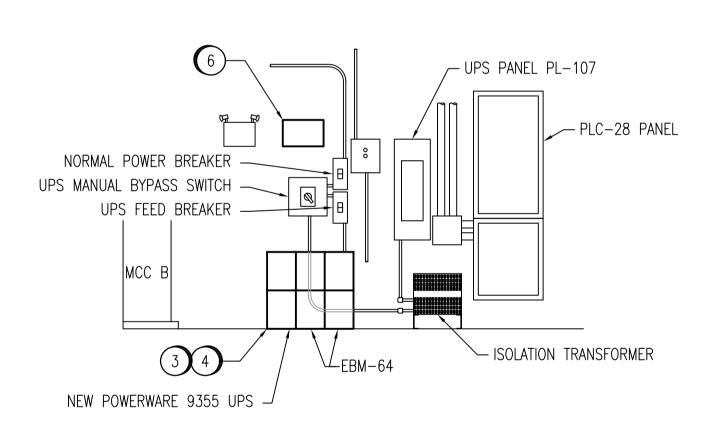
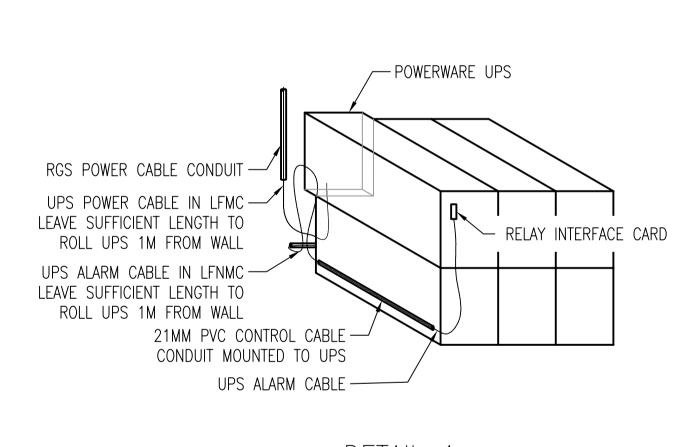
LEGEND LIQUID TIGHT FLEXIBLE METAL CONDUIT LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT RIGID GALVANIZED STEEL CONDUIT



## ELECTRICAL ROOM PLAN



SECTION B SCALE: N.T.S.



SCALE: N.T.S.

5.6%Z ─ 4C 8 AWG RW90 C/W 7 8 AWG RW90 GND IN 27mm PVC CONDUIT PL-107 120/240 V 3ø, 4W 225 A 42 CCT

120/208V, 400A, 3ø, 4W

4C 8 AWG RW90 & 8AWG GND

IN 27mm LFMC

3C 8 AWG RW90-IN 27mm LFMC

POWERWARE 9355 UPS

C/W 32 INTERNAL BATTERIES

10kVA 208V

AND 2 x EBM-64

3P 22KAIC

SPLITTER 240V 80A

─ 4C 8 AWG RW90 C/W

MANUAL BYPASS SWITCH

NO.

8 AWG RW90 GND

15kVA 3ø 150°C

SINGLE LINE DIAGRAM

DATE BY FILENAME: 1-0600M-E0001-001-00.dwg

CONSTRUCTION NOTES

REMOVE NEUTRAL BONDING SCREW AFTER ENSURING THAT NEUTRAL WIRE IS CONTINOUS BACK TO PANEL PL-1.

REMOVE EXISTING POWERWARE PLUS 18 UPS AND ASSOCIATED BATTERY MODULES. SUPPLY, INSTALL, AND CONFIGURE NEW POWERWARE 9355 UPS. FOLLOW MANUFACTURER'S INSTRUCTIONS UNLESS NOTED OTHERWISE. DO NOT INTERRUPT POWER TO PANEL PL-107 WITHOUT APPROVAL OF THE CONTRACT ADMINISTRATOR!

INSTALL PVC CONDUIT TO PROTECT UPS ALARM CABLE TO FRONT OF UPS.

INSTALL UPS ALARM CABLE AS PER 1-0600M-A0001 IN 21MM PVC CONDUIT.

TEST INSTALLED UPS AS PER THE SPECIFICATIONS.

MOUNT A COPY OF DRAWING 1-0600M-E0002 NEAR THE UPS, WITH A CLEAR PLEXIGLASS COVER.

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Γ			
	<b>APEGIN</b>		
	Certificate of Authorization		
	SNC-Lavalin Inc. (MB)		
No. 4489	NIS 4400 Francis April 20 0000	0	ISSUED FO
	No. 4489 Expiry: April 30, 2008	NO.	REVISIONS

B.W ELE POS		FIELD BOOK #:			SNC·LAVALIN	SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	ENGINEER'S SEAL  PRELIMINARY
					DESIGNED C. REIMER		NOT TO BE
					DRAWN A. OLIVER BY	APPROVED C. REIMER	USED FOR
					HOR. SCALE NTS VERTICAL NTS	RELEASED FOR CONSTRUCTION	CONSTRUCTION
0	ISSUED FOR TENDER		2008/01/08	AEO	DATE 2007/07/10	DATE	

R'S SEAL ELIMINARY OT TO BE

Winnipeg THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

SHOAL LAKE INTAKE UPS UPGRADES SINGLE LINE DIAGRAM & LAYOUT REMOVALS & INSTALLATIONS

CITY DRAWING NUMBER -0600M-E0001 001 0 A1

REFERENCE DRAWINGS

DRAWING NUMBER