



PHASE	NO.	CONSTRUCTION NOTES
1	1	INSTALL AND CONFIGURE UPS AS PER MANUFACTURERS INSTRUCTIONS.
	2	INSTALL NEW EXTERNAL MAINTENANCE BYPASS CABINET WITH INTERNAL 600:120V ISOLATION TRANSFORMER.
	3	INSTALL SPLITTER.
	4	INSTALL CUTLER-HAMMER BREAKER ENCLOSURE SFDN100 WITH FDB3050 BREAKER.
	5	INSTALL PNL-G10 CUTLER-HAMMER PANELBOARD PRL1a.
2	6	RENAME XFMR-8G AND PNL-8G TO XFMR-G9 AND PNL-G9, RESPECTIVELY.
	7	REMOVE FEED FOR XFMR-G9 FROM PNL-4G. RE-FEED XFMR-G9 FROM PNL-3G. USE EXISTING 40A BREAKER IN PNL-3G. DO NOT INTERRUPT POWER TO PNL-G9 WITHOUT APPROVAL OF THE CONTRACT ADMINISTRATOR.
	8	REPLACE EXISTING METERS WITH NETWORK ENABLED UNITS. REMOVE VOLTAGE SIGNALS TO DCS.

NOTES:

- SUPERSEDES PART OF DWG. SEP-823
- ALL CONNECTED AND DEMAND LOADS ARE BASED UPON EXISTING DOCUMENTATION AND HAVE NOT BEEN CONFIRMED.
- ALL CONDUIT IS TO BE RIGID ALUMINUM UNLESS OTHERWISE NOTED.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ADDED UPS-G1 AND MODIFIED POWER METERING	2011/03/11	TMC	CJR
00	ISSUED FOR TENDER	2009/12/07	NB	CJR

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

DESIGNED BY: EXISTING/N. BRADDO
 DRAWN BY: S. JUGANAS
 SCALE: NTS
 DATE: 2009/12/07
 CONSULTANT NO.: 112577-0105-47DD-0104

CHECKED BY: C. REIMER
 APPROVED BY: C. REIMER
 RELEASED FOR CONSTRUCTION BY: J. VEILLEUX
 DATE: 2009/12/02

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:
 T. M. CHURCH
 SNC-LAVALIN
 MEMBER #32682
 2011/03/25
 REV. 01
 CHANGES ONLY

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 ESSENTIAL SYSTEM UPGRADES
 SINGLE LINE DIAGRAM
 GRIT BUILDING ELECTRICAL ROOM

CITY DRAWING NUMBER: 1-0102G-E0008
 SHEET: 001
 REV: 01
 SIZE: A1