



- 1
- 2 HS1/HS2, LOCK/OFF/STOP PUSHBUTTONS
- 3
- 4 YS,REMOTE INDICATION TO DCS
- 5
- 6
- 7 MN,MOTOR START FROM DCS
- 8 R2,RUN ENABLE
- 9 R1,START
- 10 T1,START DELAY
- 11
- 12 R8, COMMON FAIL. CONTACTS WILL OPEN ON A FAILURE
- 13
- 14 GX1, CONTACTS WILL BE OPEN WHEN GENERATOR IS RUNNING AND FEEDING MCC-3G
- 15
- 16
- 17

**CONSTRUCTION NOTES**

① RE-USE EXISTING CONDUIT FROM ELECTRICAL ROOM TO MOTOR LOS PUSH BUTTON.



<b>SNC-LAVALIN</b>		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, Manitoba Canada R3P 0X7		
DESIGNED: T. CHURCH	APPROVED: C. REIMER	DATE: 2010/10/01		
CHECKED: C. REIMER				
PROJECT No. 112577	SUBDIV. 0112	SUBJECT 48 DD	SERIAL 0100	REV. 6

**NOTE:**

1.FOR DETAILED WIRING OF VARIABLE SPEED CONTROL PANEL, SEE MANUFACTURER'S SHOP DWGS AND ABCO O & M MANUALS.

2.SEE TRANSFER SWITCH SHOP DRAWINGS AND TRANSFER SWITCH LOOP DRAWING (G311) FOR DETAILS.

DRAWING ORIGINATED BY MacLAREN ENGINEERS INC. WARDROP ENGINEERING INC. ENGINEERING CONSULTANTS

6	ADDED FLOOD MODE BYPASS	2010/10/01	TMC	DESIGNED BY: RH
5	DELETED NORMAL-EMERGENCY SELECTOR SWITCH	09/12/07	NB	DRAWN BY: RH
4	REVISED TO DATE	07/07/18	WKT	SCALE: N.T.S.
3	GENERAL REVISIONS	07/06	CJH	
NO. REVISIONS		DATE	BY	DATE: 04/92

ORIGINAL DRAWING SEALED BY:  
T. CHURCH  
SNC-LAVALIN INC.  
2010/10/01  
REV. 06  
CHANGES ONLY

CONSULTANT DWG. NO.  
870012-01-20

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

SOUTH END WATER POLLUTION CONTROL CENTER SHEET 1 OF 5

PUMP & SCREEN BUILDING - I & C  
RAW SEWAGE PUMPING SYSTEM  
RAW SEWAGE PUMP CONTROL LOOP NO. G101

CITY DRAWING NUMBER 1-0102G-A0039	SHEET 001	REV. 06	SIZE B
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