



- 1
- 2 HS1/HS2, LOCK/OFF/STOP PUSHBUTTONS
- 3 R8,COMMON FAIL, CONTACTS WILL OPEN ON A FAILURE
- 4 GX1,CONTACTS WILL BE OPEN WHEN GENERATOR IS RUNNING AND FEEDING MCC-3G
- 5 HS8 NORMAL/EMERG SWITCH
- 6
- 7 MN,MOTOR START FROM DCS
- 8 T1, START DELAY
- 9
- 10 R1,START
- 11
- 12 YS, REMOTE INDICATION TO DCS
- 13
- 14
- 15
- 16
- 17

**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.

NOTE: REVISED DRAWING NUMBER, IT WAS ORIGINALLY SEP-2011



<b>SNC-LAVALIN</b>				
SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, Manitoba Canada R3P 0X7				
DESIGNED:	N. BRADDO		APPROVED:	C. RIEMER
CHECKED:	C. REIMER		DATE:	2009/12/07
PROJECT No.	SUBDIV.	SUBJECT	SERIAL	REV.
112577	0105	47 DD	0127	6

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	6	DELETED NORMAL-EMERGENCY SELECTOR SWITCH	09/12/07	NB
	5	REVISED TO DATE	07/07/19	WKT
	4	REVISED TO DATE	05-06	RMC
	3	REPLACED VARIABLE SPEED DRIVE	10-01	AM
	2	GENERAL REVISIONS	05-00	DS
	1	AS CONSTRUCTED	12-93	BT
	0	ISSUED FOR CONSTRUCTION	09-92	BT
	-	ISSUED FOR REVIEW	07-92	BT
	NO.	REVISIONS	DATE	BY

DRAWING ORIGINATED BY: MacLAREN ENGINEERS INC. WARDROP ENGINEERING INC. -	
DESIGNED BY: RH	CHECKED BY:
DRAWN BY: RH	APPROVED BY:
HOR. SCALE: N.T.S.	RELEASED FOR CONSTRUCTION:
VERTICAL: 04-92	DATE:

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY: N. BRADDO SNC-LAVALIN 2009/12/07 REV. 06

PLOT DATE: 2009 12 08

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

SOUTH END WATER POLLUTION CONTROL CENTRE  
PUMP & SCREEN BUILDING - 1 & C, RAW SEWAGE PUMPING SYSTEM, RAW SEWAGE PUMP CONTROL LOOP - G102

SHEET 1 OF 4  
CITY DRAWING NUMBER

CITY DRAWING NUMBER: 1-0102G-A0038

SHEET: 001	REV: 6	SIZE: B
------------	--------	---------