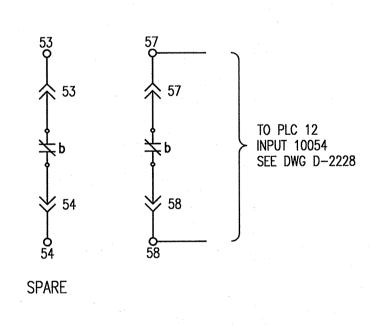


M.O.C. SWITCH



	DEVICE DETAILS
ID	MANUFACTURER & MODEL
50/51-A	BASLER BE1-50/51B-219
50/51-B	BASLER BE1-50/51B-219
50/51-C	BASLER BE1-50/51B-219
50/51-N	BASLER BE1-50/51B-205
27-1	BASLER BE27-1
27-2	Westinghouse SV

UNDERVOLTAGE RELAY UNDERVOLTAGE TIME-DELAY RELAY TIME OVERCURRENT INSTANTANEOUS OVERCURRENT CONTROL SWITCH CTD CAPACITOR TRIP DEVICE BELIEVED TO BE TRIP LATCH CHECKING SWITCH: CLOSED WHEN LATCH IS RESET (UNCONFIRMED) LOCK-OUT COIL SPRING CHARGED CONTRACT SPRING CHARGING MOTOR SPRING RELEASE COIL TRIP COIL ANTI-PUMP RELAY; PREVENTS RECLOSING ON

A SUSTAINED CLOSE COMMAND

NORMALLY OPEN BREAKER POSITION, CONTACT IS CLOSED WHEN BREAKER IS CLOSED CONTACT IS OPEN WHEN THE OPERATING MECHNAISM IS IN THE NON-OPERATED POSITION. NORMALLY CLOSED BREAKER POSITION, CONTACT IS CLOSED WHEN BREAKER IS OPEN CLOSING COIL CC CONTROL SWITCH POSITION (UNKNOWN)

ENGINEER'S SEAL

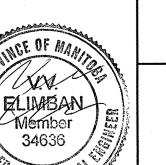
NOTES:

THIS DRAWING SUPERCEDES PART OF THE ORIGINAL WESTINGHOUSE SHOP DRAWING 739C329. ALL EXISTING WIRING HAS NOT BEEN FIELD VERIFIED. DESIGN RESPONSIBILITY IS LIMITED TO THE MODIFICATIONS SHOWN.

3. THE 27-2 RELAY WAS ORIGINALLY IDENTIFIED AS 27. 4. THE CONTACT TERMINALS FOR THE LO RELAY MAY NOT BE CORRECT.

APEGITI Certificate of Authorization SNC-Lavalin Inc.

		(SNC-LAVALIN INC.				
					SNC·LAVALIN	Winnipeg, MB, Canada R3P 0X7 204-786-8080	
					DESIGNED BY: B. KING	CHECKED BY: C. REIMER	
					drawn by: S. HAILU	APPROVED BY: C. REIMER	
					SCALE: NTS	ISSUED FOR CONSTRUCTION	
02	ADDENDUM 3 - ISSUED FOR TENDER & CONSTRUCTION	2020/01/06	VE	VE		BY:	
01	AS-BUILT - MODIFIED PROTECTION RELAYS	2012/01/10	-	BJC	DATE: 2009/08/17	DATE:	
00	ISSUED FOR TENDER	2009/08/17	BDK	0.10	PONCHI TANT. NO .		
NO.	REVISIONS	DATE	DESIGN	CHECK	113099-	099-0000-47DD-0216	
 <u>'</u>							



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT Winnipeg

MCPHILLIPS PUMPING STATION

CONTROL SCHEMATIC 4160V MAIN BREAKER

Rev. 02 CITY DRAWING NUMBER SHEET | REV. | SIZE 1-0640M-E0016 001 02 A1 1-0640M-E0016-001-02.dwg

-0640M-E0058 DRAWING NUMBER

SWITCHGEAR SGR-M1 DETAILS 02

REFERENCE DRAWINGS

No. 4489