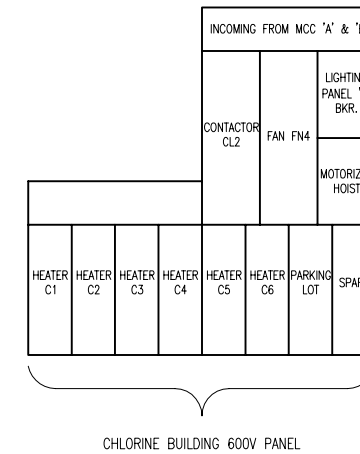


WORK REQUIRED

- ① INSTALL NEW RELAYS IN THE LOCATIONS SHOWN.
- ② INSTALL NEW LAMICIDS FOR THE UNDERVOLTAGE RELAYS.

SPACE	CONTROL TRANSFORMER	SUCTION HEADER VALVE 4	SUCTION HEADER VALVE 3	SUMP PUMP 1	GARAGE BUILDING ESSENTIAL LIGHTING TRANSFORMER	GENERATOR VOLTAGE	NORMAL SUPPLY VOLTAGE/AMPS	UNIT HEATER 1	CRANE	WELDING RECT.
SPACE	SUPPLY FAN 1	SUCTION HEADER VALVE 1	SUCTION HEADER VALVE 2	SUMP PUMP ALTERATOR	CHLORINE BUILDING FEED F1	4.3M TS H O A	LTG MCC-E GENERATOR SUPPLY BREAKER	DUCT HEATER 1	T3 LP-A XFMR	CHLORINE BUILDING FEED F2
SPACE	SUPPLY FAN 2	DIST. HEADER VALVE 4	DIST. HEADER VALVE 3	SUMP PUMP 2	SUMP PUMP CONTROL POWER		LT1 MCC-A MAIN BREAKER	4-PLEX MOTOR CONTROL DISCONNECT	SPARE	VALVE HOUSE FEEDER
SPACE	SUPPLY FAN 3	DIST. HEADER VALVE 1	DIST. HEADER VALVE 2	INSTRUMENT AIR COMPRESSOR 1	LPS-1 XFMR.		LTT MCC-E NORMAL SUPPLY BREAKER	HEAT PUMP HP-1 (CHILLER)	SPARE	25A SIZE 1 CONTACTOR
SPACE	T4 LP-B XFMR.	CONTROL XFMR.	RES. INLET VALVE 2	RES. INLET VALVE 1	INSTRUMENT AIR COMPRESSOR 2		LTC CAPACITOR BREAKER (NOT IN SERVICE)	FEEDER TO GARAGE BUILDING		SPACE
							CAPACITOR (REMOVED)			

MCC-E (ESSENTIAL) 600V SWITCHGEAR MCC-A (NON-ESSENTIAL)



NOTES:
 1. THIS DRAWING IS BASED UPON EXISTING DOCUMENTATION AND SITE INSPECTION. DESIGN RESPONSIBILITY IS LIMITED TO THE MODIFICATIONS SHOWN.



<p>SNC-Lavalin Inc. 148 Hurler Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080</p>		ENGINEER'S SEAL ORIGINAL DRAWING SEALED BY: B. D., KING 2009/08/14 REV. 00	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>MCPHILLIPS PUMPING STATION</p> <p>ELECTRICAL EQUIPMENT ELEVATIONS 4160V SWITCHGEAR & 600V SWITCHGEAR/MCC</p>
DESIGNED BY: B. KING DRAWN BY: B. KING SCALE: NTS DATE: 2009/08/17	CHECKED BY: C. REIMER APPROVED BY: C. REIMER RELEASED FOR CONSTRUCTION BY: DATE:	CITY DRAWING NUMBER: 1-0640M-E0015 SHEET: 001 REV: 00 SIZE: A1	

1-0640M-E0013	ELECTRICAL EQUIPMENT ELEVATIONS
DRAWING NUMBER	REFERENCE DRAWINGS