



**LEGEND:**

**DEVICE IDENTIFIERS:**

- 52 AC CIRCUIT BREAKER
- G CUT-OFF SWITCH
- X AUXILIARY RELAY
- Y ANTI-PUMP RELAY; PREVENTS RECLOSING ON A SUSTAINED CLOSE COMMAND

**DEVICE SUFFIXES:**

- a NORMALLY OPEN BREAKER POSITION, CONTACT IS CLOSED WHEN BREAKER IS CLOSED
- aa CONTACT IS OPEN WHEN THE OPERATING MECHANISM IS IN THE NON-OPERATED POSITION.
- b NORMALLY CLOSED BREAKER POSITION, CONTACT IS CLOSED WHEN THE BREAKER IS OPEN
- bb CONTACT IS CLOSED WHEN THE OPERATING MECHANISM IS IN THE NON-OPERATED POSITION.
- CC CLOSING COIL
- M MANUAL
- PB PUSH BUTTON
- TC TRIP COIL

FOR REFERENCE ONLY

**NOTES:**

1. THIS DRAWING IS BASED ON THE ORIGINAL SHOP DRAWING 113C1508 SHEET 4 OF 4.
2. THE CAPACITORS HAVE BEEN DISCONNECTED.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	REVISED 52 LTC SPARES	2011/11/14	-	BC
00	ISSUED FOR CITY USE	2011/01/03	-	BC

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DESIGNED BY: EXISTING	CHECKED BY: B. CLEVEN
DRAWN BY: S. COATES	APPROVED BY: C. REIMER
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: DATE:
DATE: 2010/09/03	
CONSULTANT NO.: 113099-0000-47DD-0003	

ENGINEER'S SEAL  
  
FOR REFERENCE ONLY

 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT			
MACLEAN WATER PUMPING STATION			
CONTROL SCHEMATIC 600V SWITCHGEAR BREAKER 52LTC			
CITY DRAWING NUMBER <b>1-0630M-E0018</b>	SHEET <b>001</b>	REV. <b>01</b>	SIZE <b>A1</b>

DRAWING NUMBER 1-0630M-E0016	REFERENCE DRAWINGS THREE LINE DIAGRAM - 600V SWITCHGEAR
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