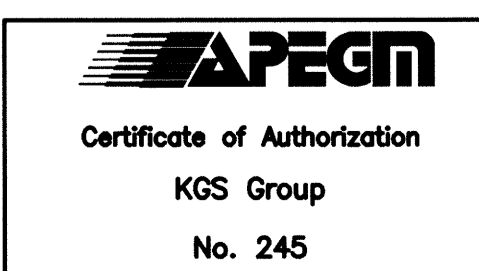


**1** VOLTAGE MONITOR SCHEMATIC  
SCALE: N.T.S

**NOTES:**

1. POWER MONITOR SETPOINTS AS FOLLOWS:  
UNBALANCE: 9%  
LINE VOLTAGE: 600V  
TRIP DELAY: 2 SEC  
RESTART DELAY: 10 SEC  
SELECTOR: AUTO RESTART WITH DELAY
2. CONTACT IS CLOSED DURING NORMAL OPERATION AND IS OPEN DURING A FAULT OR LOSS OF POWER.
3. PROVIDE A 4-POLE, DOUBLE THROW, 120VAC RELAY IN THE RTU PANEL.
4. REFER TO DRAWING 1-0159F-E0010-001 (M-E20) FOR ADDITIONAL DETAILS.



NO.	REVISIONS	DATE	BY	DATE
1	RE-ISSUED FOR CONSTRUCTION	14/09/11		
0	ISSUED FOR CONSTRUCTION	14/08/18		

DESIGNED BY	DDW/MAM	CHECKED BY	
DRAWN BY	BGO	APPROVED BY	
HDR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION	
VERTICAL	N.T.S.		
DATE	2014 05 22	DATE	

ENGINEER'S SEAL  
  
 M-E10

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

FLOOD PUMPING STATION UPGRADES  
 MARION STATION  
**ELECTRICAL**  
 DETAILS AND SCHEDULES

SHEET 1 OF 1  
 CITY DRAWING NUMBER  
 1-0159F-E0009-002