



**NOTES:**

1. REFER TO LOOP DRAWING 1-0139F-A0016-001 (D-E30.1) FOR ADDITIONAL DETAILS.
2. REFER TO STARTER SCHEMATIC DRAWING 1-0139F-A0001-001 (D-E04.1) FOR ADDITIONAL DETAILS.
3. REFER TO STARTER SCHEMATIC DRAWING 1-0139F-A0002-001 (D-E05.1) FOR ADDITIONAL DETAILS.
4. REFER TO ANALOG INPUT LOOP DRAWING 1-0139F-A0018-001 (D-E32) FOR ADDITIONAL DETAILS.
5. REFER TO DRAWING 1-0139F-A0008-001 (D-E21.1) FOR ADDITIONAL DETAILS.
6. RELAY 5 ON MULTIRANGER IS CONFIGURED TO ALARM ON TRANSDUCER CABLE FAULT. RELAY 6 IS CONFIGURED TO ALARM ON LOSS OF ECHO (LOE).
7. REFER TO DRAWING 1-0139F-A0016-002 (D-E30.2) FOR ADDITIONAL DETAILS.
8. REFER TO DRAWING 1-0139F-A0012-001 (D-E25) FOR ADDITIONAL DETAILS.

**LEGEND:**

- PANEL WIRING
- FIELD WIRING
- WIRE CONNECTION
- RTU TERMINAL
- FUSED TERMINAL



NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	14/12/15	AP

DESIGNED BY	DDW	CHECKED BY	
DRAWN BY	GCN	APPROVED BY	
HDR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION	
VERTICAL	N.T.S.	DATE	2014 01 13

ENGINEER'S SEAL

D-E23

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

FLOOD PUMPING STATION UPGRADES  
DUMOULIN STATION  
**ELECTRICAL**  
CONTROL INDICATION AND ALARM  
SCHEMATIC/WIRING DIAGRAM

SHEET 1 OF 1  
CITY DRAWING NUMBER  
1-0139F-A0010-001