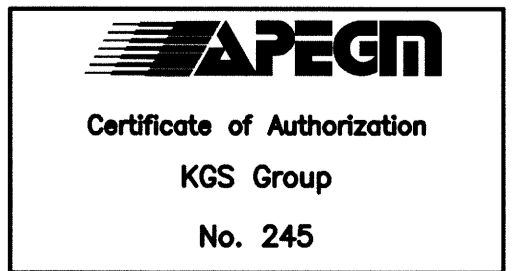


- NOTES:**
- REFER TO LOOP DRAWING 1-0159F-E0017-001 (M-E30.1) FOR ADDITIONAL DETAILS.
  - REFER TO STARTER SCHEMATIC DRAWING 1-0159F-E0006-001 (M-E04.1) FOR ADDITIONAL DETAILS.
  - REFER TO STARTER SCHEMATIC DRAWING 1-0159F-E0007-001 (M-E05.1) FOR ADDITIONAL DETAILS.
  - REFER TO STARTER SCHEMATIC DRAWING 1-0159F-E0008-001 (M-E06.1) FOR ADDITIONAL DETAILS.
  - REFER TO ANALOG INPUT LOOP DRAWING 1-0159F-E0019-001 (M-E32) FOR ADDITIONAL DETAILS.
  - REFER TO DRAWING 1-0159F-E0011-001 (M-E21.1) FOR ADDITIONAL DETAILS.
  - RELAY 5 ON MULTIRANGER IS CONFIGURED TO ALARM ON TRANSDUCER CABLE FAULT. RELAY 6 IS CONFIGURED TO ALARM ON LOSS OF ECHO (LOE).
  - REFER TO DRAWING 1-0159F-E0011-002 (M-E21.2) FOR ADDITIONAL DETAILS.
  - REFER TO DRAWING 1-0159F-E0017-002 (M-30.2) FOR ADDITIONAL DETAILS.
  - REFER TO DRAWING 1-0159F-E0021-001 (M-34.1) FOR ADDITIONAL DETAILS.

- LEGEND:**
- PANEL WIRING
  - - - - - FIELD WIRING
  - WIRE CONNECTION
  - RTU TERMINAL
  - FUSED TERMINAL



NO.	ISSUED FOR CONSTRUCTION	DATE	BY
0	ISSUED FOR CONSTRUCTION	14/08/18	AP
N/A	REVISIONS	DATE	BY

DESIGNED BY	DDW/MAM	CHECKED BY	[Signature]
DRAWN BY	GCN	APPROVED BY	[Signature]
HOR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION	
VERTICAL	N.T.S.	DATE	2014 01 13

ENGINEER'S SEAL

M-E23

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

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

SHEET 1 OF 1  
CITY DRAWING NUMBER  
1-0159F-E0013-001