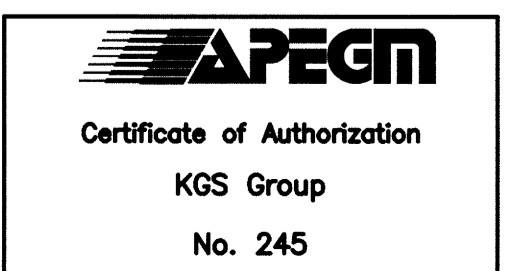


1 SINGLE LINE / INTERCONNECTION DIAGRAM
SCALE: N.T.S

- NOTES:**
1. RVS EQUIPPED WITH A MANUAL OPERATED FULL VOLTAGE ACROSS THE LINE STARTER TO BE USED ONLY IN EMERGENCY CONDITIONS WHEN RVS HAS FAILED. THIS IS IN ADDITION TO THE NORMAL 'RUN' CONTACTOR WHICH BYPASS THE RVS ELECTRONICS WHEN THE LOAD IS UP TO SPEED.
 2. FEEDER INSTALLED IN ACCORDANCE WITH CEC DIAGRAM B4-4 DETAIL 1 AND TABLE D14B.
 3. RVS SHALL BE CONFIGURED TO LIMIT STARTING CURRENT TO A MAXIMUM OF 200% OF THE MOTOR FLA.
 4. REFER TO DRAWING 1-0159F-E0026-001 (M-E10) FOR ADDITIONAL DETAILS.
 5. DS-F64 SHALL BE NEMA 4 RATED.

- LEGEND:**
- REDUCED VOLTAGE STARTER / VARIABLE FREQUENCY DRIVE
 - BREAKER
 - METER
 - CURRENT TRANSFORMER
 - VOLTAGE TRANSFORMER
 - DISTRIBUTION TRANSFORMER
 - MOTOR LOAD
 - DISCONNECT SWITCH
 - KIRK-KEY INTERLOCK
 - UNIT HEATER



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

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

ENGINEER'S SEAL

M-E01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FLOOD PUMPING STATION UPGRADES
MARION STATION
ELECTRICAL
SINGLE LINE DIAGRAM

SHEET 1 OF 1
CITY DRAWING NUMBER
1-0159F-E0003-001