

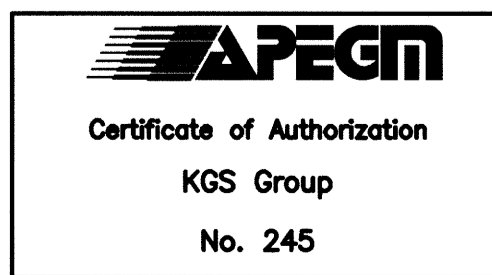
1 SINGLE LINE / INTERCONNECTION DIAGRAM
SCALE: N.T.S

NOTES:

1. IMPEDANCE OF TRANSFORMER IS UNKNOWN. VALUE SHOWN IS FROM TABLE #3 OF THE MANITOBA HYDRO ELECTRIC CODE 10th EDITION, JUNE 2009. CONTRACTOR SHALL NOTE INTERNAL NAMEPLATE RATING AND PROVIDE INFORMATION TO CONTRACT ADMINISTRATOR.
2. 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.
3. RVS SHALL BE CONFIGURED TO LIMIT STARTING CURRENT TO A MAXIMUM OF 200% OF THE MOTOR FLA.
4. REFER TO DRAWING 1-0115F-E0007-001 (A-E10) FOR ADDITIONAL DETAILS.

LEGEND:

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



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

DESIGNED BY	DDW/MAM	CHECKED BY	AP
DRAWN BY	GCN	APPROVED BY	AP
HDR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2014 01 17	DATE	

ENGINEER'S SEAL

A-E01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FLOOD PUMPING STATION UPGRADE
ASSINIBOINE STATION
ELECTRICAL
SINGLE LINE DIAGRAM

SHEET 1 OF 1
CITY DRAWING NUMBER
1-0115F-E0002-001