

1 MS-Z004 SCHEMATIC DIAGRAM
SCALE: N.T.S.

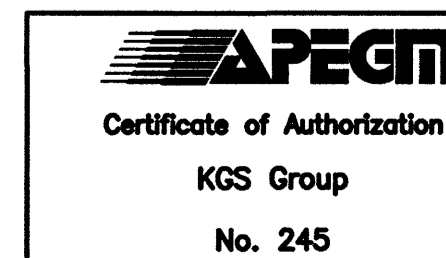
2 WIRING DIAGRAM
SCALE: N.T.S.

NOTES:

1. REFER TO SINGLE LINE DIAGRAM FOR HORSEPOWER, BREAKER RATING, DISCONNECT SWITCH RATING, LABELS AND ALL POWER CABLE SIZES.
2. REFER TO CABLE SCHEDULE FOR ALL CABLE ROUTING AND CONDUCTOR DETAILS.
3. 'HS' DENOTES HAND SWITCH. THE DRAWING INDICATES SWITCH IN HAND POSITION.
4. REMOVE JUMPER AND CONNECT FIELD INTERLOCK AS REQUIRED.
5. REFER TO DRAWING 1-0103-AILD-Z003 FOR CONTROL WIRING OF RELAY CR3 AND PLC INPUTS.

LEGEND

- STARTER TERMINALS
- ▣ PLC TERMINALS
- ▭ FUSE
- FIELD WIRING
- MANUFACTURER WIRING
- (M) CONTACTOR COIL
- (R) RED PILOT
- ⌋⌋ NORMALLY OPEN
- ⌋/⌋ NORMALLY CLOSED



B.M.	-			
ELEV.	-			
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SCALE:	AS NOTED			
ISSUED FOR CONSTRUCTION BY:				
DATE:	2016/06/14			
CONSULTANT NO.:	15-0107-019_E30			
NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION	2016/09/02	DDN	MS

KGS GROUP
CONSULTING ENGINEERS

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WEST END SEWAGE TREATMENT PLANT
EFFLUENT MONITORING STATION
MOTOR CONTROL
MS-Z004 MOTOR SCHEMATIC AND WIRING DIAGRAM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0103-EMCL-Z001	00		A1