



- NOTES:**
1. GREY ITEMS INDICATE EXISTING EQUIPMENT NOT INCLUDED WITHIN SCOPE OF WORK.
 2. ALL OVERLOAD DEVICES ARE TO BE ELECTRONIC.
 3. REFER TO DRAWING 1-0103-ESCH-Z001 FOR OTHER LOADS CONNECTED TO PNL-Z703.
 4. INTERLOCK SEQUENCE TO BE AS FOLLOWS:
 1. OPEN POLE MOUNTED DISCONNECT AND REMOVE KEY A-1.
 2. INSERT KEY A-1 INTO LOCK AT TRANSFORMER XFMR-Z702 TO OPEN TERMINATION COMPARTMENT.
 REVERSE THE ORDER TO ENERGIZE SYSTEM.

- LEGEND:**
- EXPOSED CABLE
 - - - UNDERGROUND CABLE
 - ⏏ DISCONNECT SWITCH
 - ⏏ LOAD BREAK SWITCH
 - ⏏ FUSED CUT-OUT
 - ⊖ ○ ⊕ CIRCUIT BREAKER
 - ⊖ ⊕ CONTACTOR
 - ⊖ ⊕ OVERLOAD
 - ⊖ ⊕ TRANSFORMER
 - ▲ HIGH VOLTAGE STRESS TERMINATION
 - ⊖ ○ ⊕ MOTOR
 - SPD SURGE PROTECTION DEVICE
 - PANEL
 - ⊖ ⊕ KEY IS REMOVABLE WITH BOLT EXTENDED
 - ⊖ ⊕ KEY INTERLOCK
 - ⊖ ⊕ KEY PAD DENOTES:
L-O = DEVICE LOCKED OPEN
L-C = DEVICE LOCKED CLOSED
 - ⊖ ⊕ ACCESS DOOR INTERLOCK
 - ⊖ ⊕ KEY TAG
 - DIRECTION OF KEY TRANSFER

APEGM
 Certificate of Authorization
 KGS Group
 No. 245

B.M.	-
ELEV.	-
NO.	REVISIONS
00	ISSUED FOR CONSTRUCTION
DATE	2016/09/02
DESIGN	DN
CHECK	MS

KGS GROUP
 CONSULTING ENGINEERS

DESIGNED BY: E. IFIONU
 CHECKED BY: J.A. BOUCHARD

DRAWN BY: S. GUSE
 APPROVED BY: J.A. BOUCHARD

SCALE: N.T.S.
 ISSUED FOR CONSTRUCTION

DATE: 2016/01/06
 BY: [Signature]
 DATE: [Signature]

CONSULTANT NO.: 15-0107-019_E01

ENGINEER'S SEAL

BOUCHARD
 Member
 20560
 PROFESSIONAL ENGINEER

16/09/02

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

WEST END SEWAGE TREATMENT PLANT
 EFFLUENT MONITORING STATION
 SINGLE LINE DIAGRAM
 MAIN DISTRIBUTION

CITY DRAWING NUMBER: 1-0103-ESLD-Z001
 SHEET: 00
 REV: A1
 SIZE: A1