



- NOTES:**
1. PROVIDE NEW MANUAL STARTER TO CONTROL NEW WALKWAY EXHAUST FAN.
  2. ALL CIRCUITS TO MOTORS 10 HP OR LESS TO BE #12AWG, BETWEEN 11 HP AND 20 HP TO BE #10AWG AND BETWEEN 21 HP TO 50 HP TO BE #6AWG.
  3. NEW MCC FEEDER CABLES TO BE 2-3/C#350MCM COPPER TECK. LENGTH OF RUN 400 ft.
  4. RE-USE EXISTING MANUAL STARTER.

COWLEGGEND

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE COMMITTEE

NOTE:  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245 Date:

B.M. ELEV. :	
DESIGNED BY	DDW
DRAWN BY	GCN
HOR. SCALE:	N.T.S
VERTICAL:	.
NO. REVISIONS	DATE BY
02	ISSUED WITH ADDENDA 04/03/08 REW
01	ISSUED FOR TENDER 15/02/08 REW
DATE	27/04/07

**KGS GROUP**  
CONSULTING ENGINEERS & PROJECT MANAGERS

**CH2MHILL**

DESIGNED BY DDW  
DRAWN BY GCN  
HOR. SCALE: N.T.S  
VERTICAL: .  
DATE 27/04/07

CHECKED BY REW  
APPROVED BY  
RELEASED FOR CONSTRUCTION:  
DATE

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
**R.E. WILLMS**  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
1-0101P-E0004-001

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

Winnipeg

PROJECT TITLE  
NORTH END WATER POLLUTION CONTROL CENTRE  
MOTOR CONTROL CENTRE  
MCC-1P  
SINGLE LINE DIAGRAM

SHEET 001 OF 001  
COMPUTER FILE NAME  
1-0101P-E0004-001  
CITY DRAWING NUMBER  
1-0101P-E0004-001