

**LEGEND**

REV	Description	Date
0	ISSUED FOR TENDER	23-JUN-2017

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project projet

**MECHANICAL UPGRADE**  
**115 PERIMETER ROAD**  
**SASKATOON, SASK.**

ENVIRONMENT CANADA  
335 River Rd  
Ottawa ON, K1V 1C7

drawing dessin

**ELECTRICAL**  
**MOTOR STARTER AND**  
**VFD SCHEMATICS**

Designed By	M.A. GERSPACHER	Conçu par
Date	2017/06/22	(yyyy/mm/dd)
Drawn By	G. HART	Dessiné par
Date	2017/06/22	(yyyy/mm/dd)
Reviewed By	M.A. GERSPACHER	Examiné par
Date	2017/06/23	(yyyy/mm/dd)
Approved By	AMB	Approuvé par
Date	2017/06/23	(yyyy/mm/dd)
Tender		Soumission

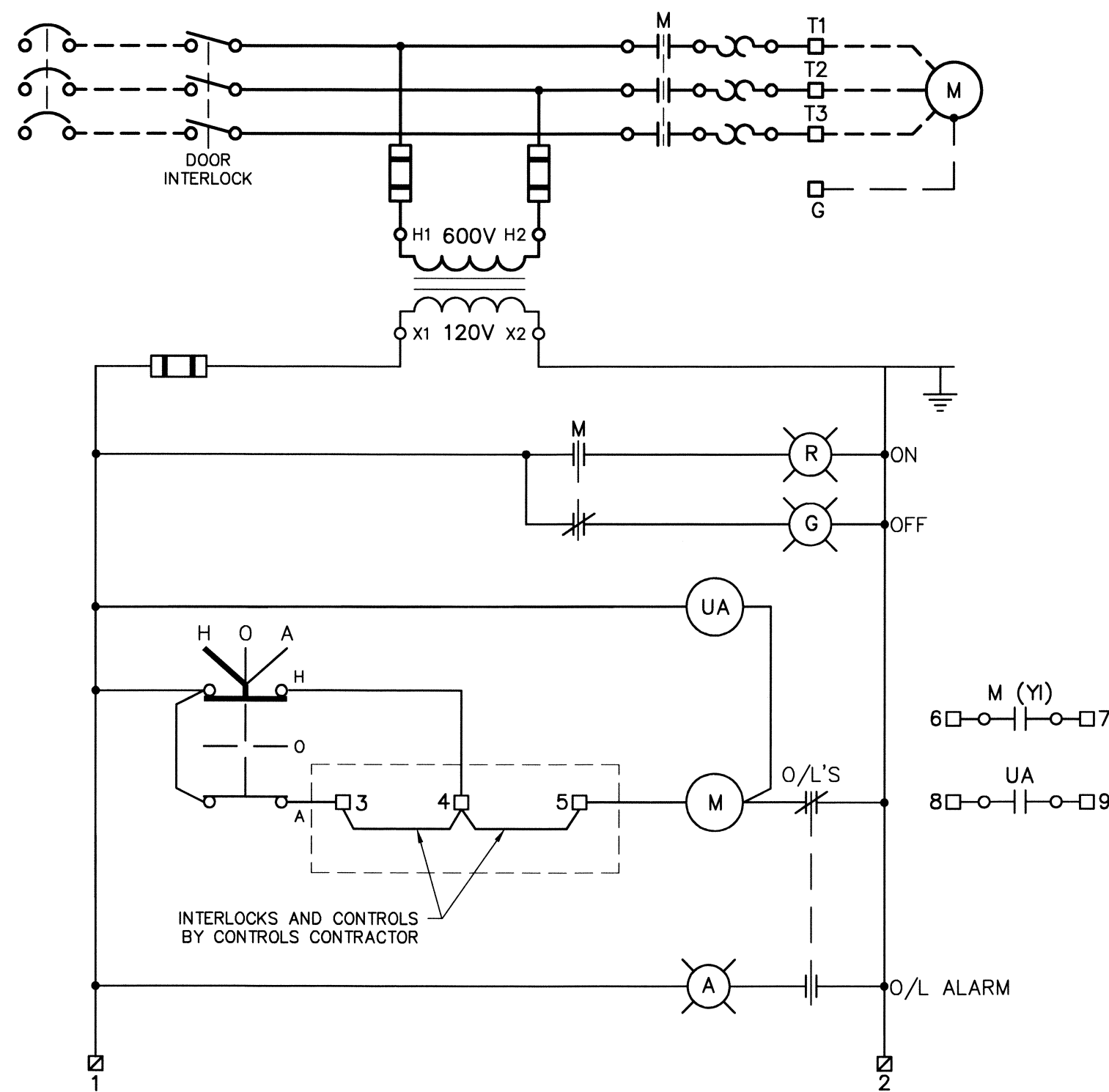
Project Manager Administrateur de projets

EC PMDI Proj no. Consultant Proj no.

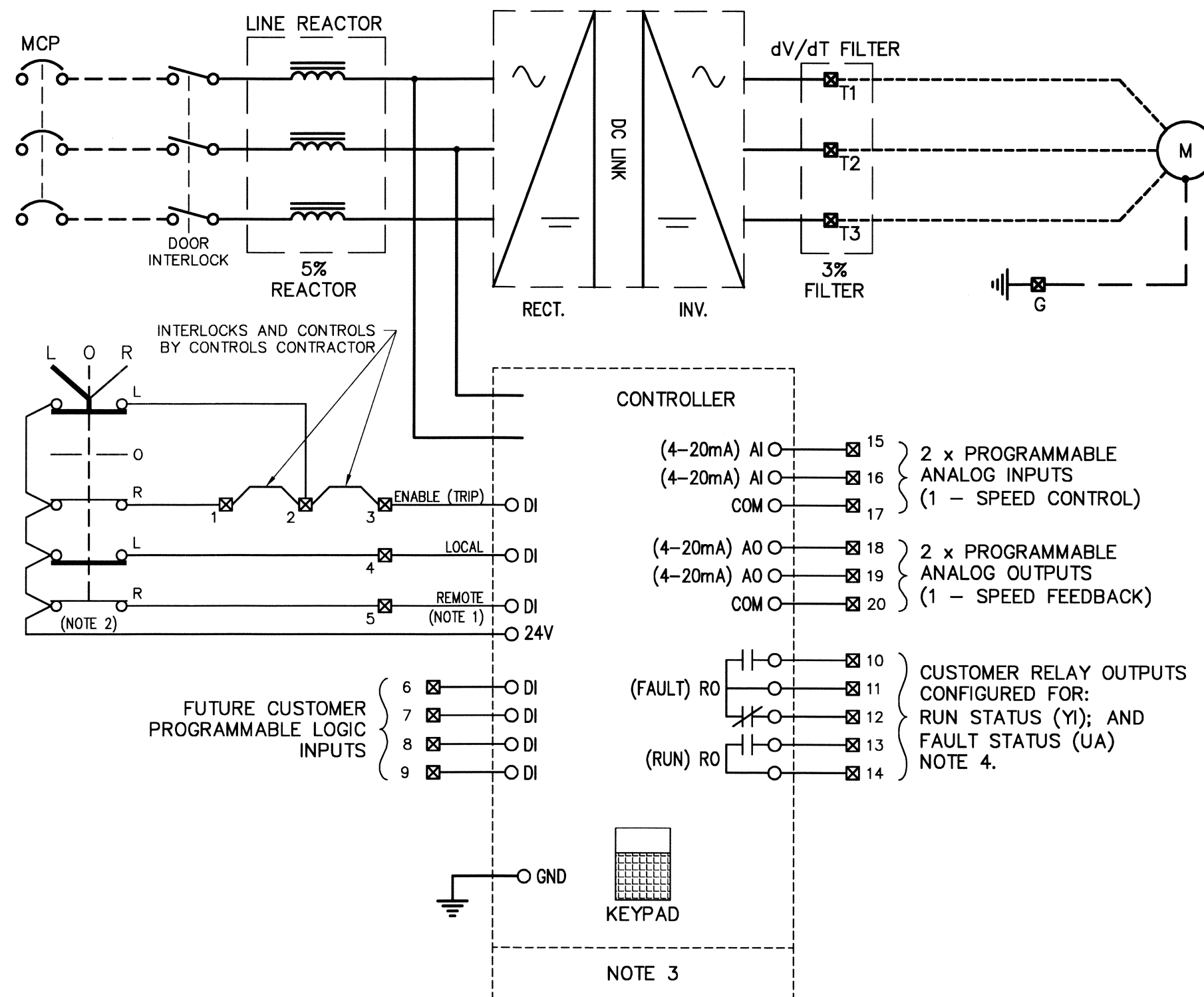
17-0006-002

Drawing no. No. du dessin

**E05**



**1**  
**E05** **3Ø MOTOR STARTER SCHEMATIC DIAGRAM**  
N.T.S.



- NOTES:**
1. LOCAL/REMOTE MODE DETERMINES THE SOURCE OF THE SPEED CONTROL. LOCAL-SPEED IS CONTROLLED VIA KEYPAD ON DRIVE. REMOTE-SPEED IS CONTROLLED VIA ANALOG INPUT.
  2. HOA - THREE POS. MAINTAINED SELECTOR SWITCH INTEGRAL TO ENCLOSURE.
  3. BACnet COMMUNICATIONS MODULE.
  4. FAULT STATUS SHALL BE NORMALLY CLOSED DURING NORMAL CONDITIONS AND SHALL OPEN ON FAULT OR POWER LOSS. PROVIDE ADDITIONAL RELAYS AS REQUIRED TO PROVIDE THIS CONFIGURATION.

**2**  
**E05** **VFD WIRING SCHEMATIC DIAGRAM**  
N.T.S.



Association of Professional Engineers & Geoscientists  
of Saskatchewan  
**CERTIFICATE OF AUTHORIZATION**  
**KGS Group**  
**Number C0620**  
Permission to Consult held by:  
Discipline SK. Reg. No. Signature  
**ELECTRICAL** 6243 *[Signature]*