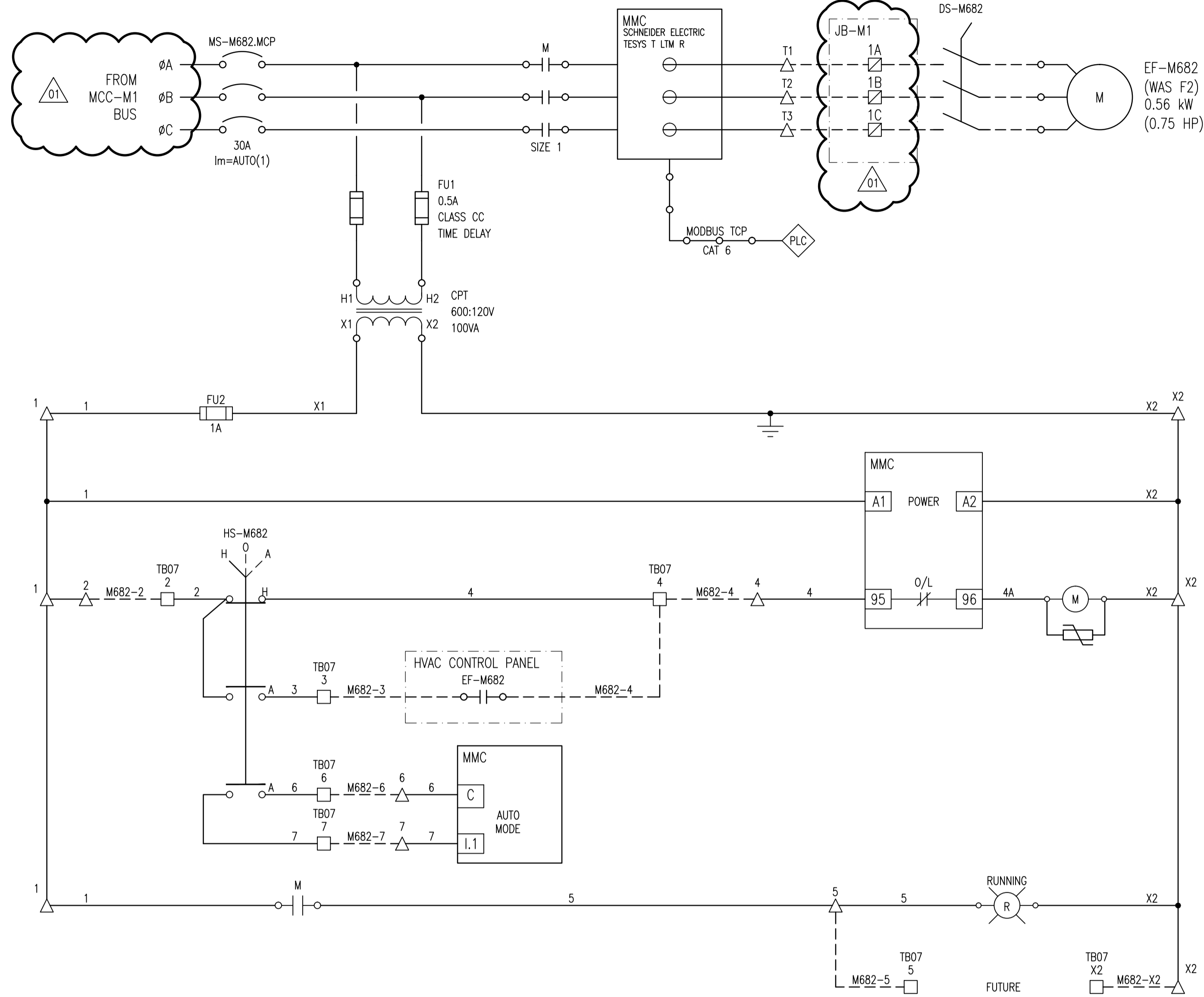
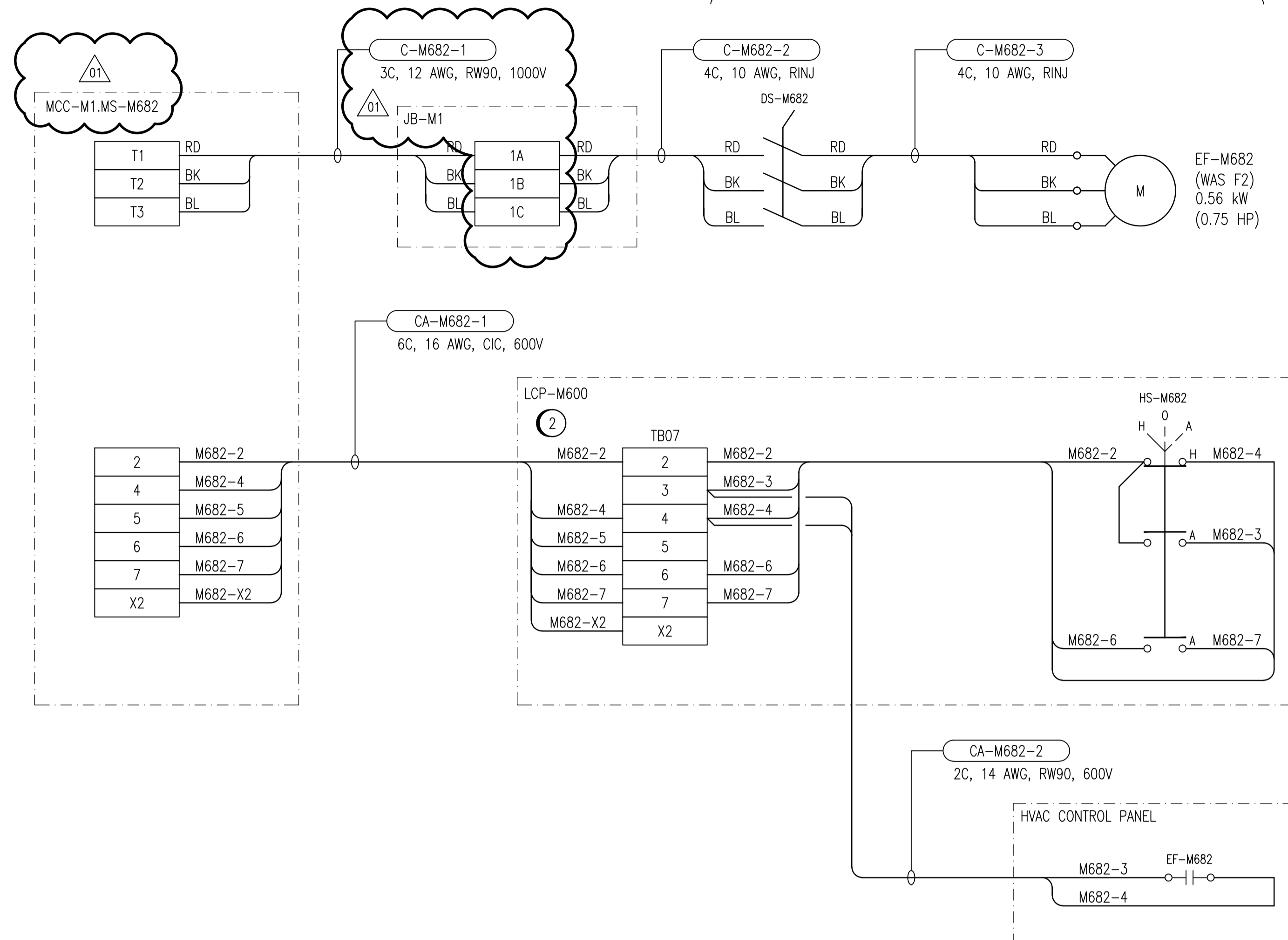


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



CONSTRUCTION NOTES:

- ① CONFIRM THAT ALL EXISTING CONTROLS ARE REPLACED BY THE NEW CONTROLS. ADVISE THE CONTRACT ADMINISTRATOR OF ANY EXISTING INTERLOCKS OR CONTROLS NOT SHOWN ON THIS DRAWING.
- ② INSTALL NEW LCP-M600 TO REPLACE EXISTING HVAC HOA SWITCHES.

LEGEND:

- △ TERMINAL IN MOTOR STARTER COMPARTMENT
- TERMINAL IN LCP-M600
- ▣ TERMINAL IN JUNCTION BOX
- ⊙(R) INDICATING LIGHT, R = RED, A = AMBER
- ⊙(M) CONTACTOR COIL
- ⊎ TRANSIENT VOLTAGE SUPPRESSOR

| | | |
|----------------|-----------------------------|----|
| 1-0630M-E0026 | MCC ELEVATION, MCC-M1 | 01 |
| 1-0630M-E0023 | SINGLE LINE DIAGRAM, MCC-M1 | |
| DRAWING NUMBER | REFERENCE DRAWINGS | |



| NO. | REVISIONS | DATE | DESIGN | CHECK |
|-----|--------------------------------------|------------|--------|-------|
| 01 | ADDENDUM 1, BID OPP. 490-2012 | 2012/08/14 | BJC | CJR |
| 00 | ISSUED FOR TENDER, BID OPP. 490-2012 | 2012/07/23 | BJC | CJR |

| | |
|---|--|
| SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080 | |
| DESIGNED BY: B. CLEVEN | CHECKED BY: C. REIMER |
| DRAWN BY: M.J. PERSSON | APPROVED BY: C. REIMER |
| SCALE: NTS | RELEASED FOR CONSTRUCTION BY: DATE: |
| DATE: 2012/05/03 | DATE: |
| CONSULTANT NO.: 508955-0000-47DD-0051 | |

ENGINEER'S SEAL
PRELIMINARY
 NOT TO BE
 USED FOR
 CONSTRUCTION

| | | |
|---|--------------|--------------------|
| THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT | | |
| MACLEAN WATER PUMPING STATION | | |
| MOTOR STARTER SCHEMATIC EF-M682 PUMP ROOM EXHAUST FAN | | |
| CITY DRAWING NUMBER 1-0630M-E0051 | SHEET 001 | REV. SIZE 01 A1 |