

REFERENCE DRAWINGS

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ε NO.

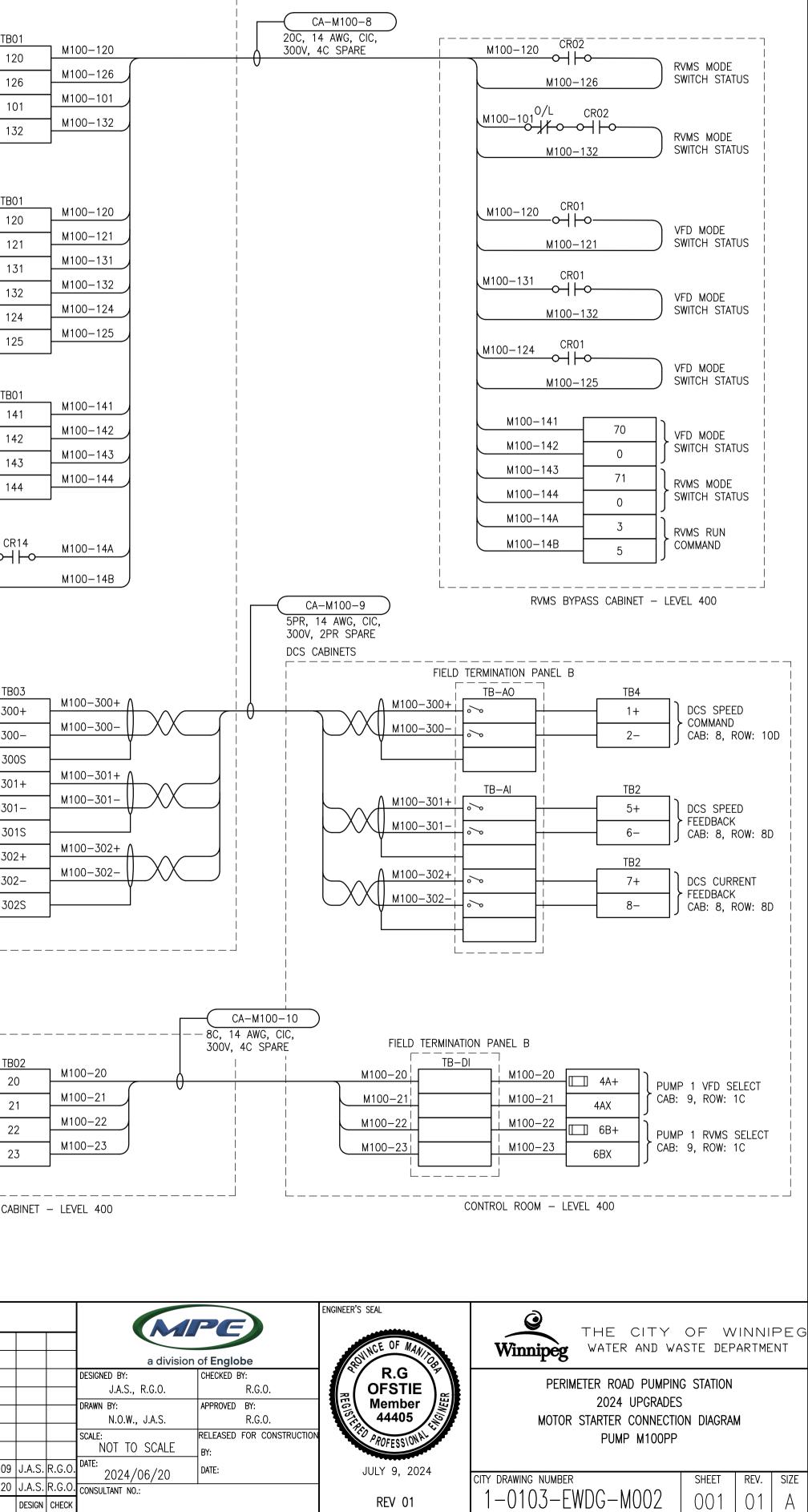
DRAWING NUMBER

| | <u>DS-M100</u> SEE DWG. 1-0103-ESLD-M001 | |
|------------------------------------|---|--|
| | RD FOR CABLE SIZING | |
| | BK M100PP RAW SEWAGE PUMP | 1 |
| | BL BL COMPANY AND | |
| | MOTOR ROOM | |
| | | |
| <u>г</u> - | | VFD-M100 |
| HSS-M1000-2 M10 | 0-101A HSS-M1000-3 | LIFT PUMP M100PP MOTOR STARTER |
| | | |
| | M100-110 | |
| MOTOR ROOM | M1005-146 | RVMS MODE MANUAL 120 BYPASS SWITCH STATUS 126 |
| | SEAL WATER LINE FLOW | FOR RUN 126 RVMS MODE MANUAL 101 M100-101 |
| \$ | M1005-147 FSL-M1005 | BYPASS SWITCH STATUS FOR OVERLOAD ALARM 132 |
| $\langle \rangle$ | Switch Power Supply | |
| > | M1004-139 SEAL WATER | |
| \u00e9 | SOLENOID VALVE | TB01 |
| Ś | | VFD MODE MANUAL $\int 120$ M100-120 BYPASS SWITCH STATUS $\int 120$ M100-121 |
| | M1007-701 20 DISCHARGE VALVE OPEN COMMAND | FOR RUN 121 |
| | M1007-702 21 { (SEE DRAWING 1-0103-EWDG-M007) | RVMS MODE MANUAL BYPASS SWITCH STATUS |
| l | M1007-122 24 VALVE IN ONLINE MODE | FOR FAULT ALARM |
| | M1007-123 25 (SEE DRAWING 1-0103-EWDG-M007) | BYPASS SWITCH STATUS |
| 00 CONTROL PANEL – LEVEL 300 | | FOR REVERSE RUN L 125 |
| 1 | | |
| | M1007-111 50 DISCHARGE VALVE OPEN COMMAND | TB01 M100-141 |
| | M1007-112 51 { (SEE DRAWING 1-0103-EWDG-M006) | VFD MODE STATUS LIGHT $\begin{cases} 141 \\ 140 $ |
| 51 CONTROL PANEL – LEVEL 300 | | 142 M100-143 |
| | | RVMS MODE STATUS LIGHT 143 M100-144 |
| | | |
| BINETS | | |
| FIELD TERMINATION PANEL B TB-DI | | CR14 M100-14A |
| M100-201 | M100-201 5A+ READY | RVMS RUN COMMAND |
| M100-202 | M100-202 5AX CAB: 9, ROW: 1C | |
| M100-203 | M100-203 TA+ MANUAL MODE STATUS | |
| M100-204 | M100-204 7AX | |
| M100-205 | M100-205 | TB03 |
| M100-206 | <u>M100−206</u> 2AX ∫ CAB: 9, ROW: 1C | M100-300+ |
| M100-207 | M100-207 | DCS SPEED COMMAND 300- M100-300- XX |
| M100-208 | $\frac{M100-208}{1AX} \int CAB: 9, ROW: 1C$ | 300S |
| M100-209 | M100-209 GA+ RUNNING REVERSE STATUS | 301+ M100-301+ |
| M100-210 | $\frac{M100-210}{6AX} \int CAB: 9, ROW: 1C$ | DCS SPEED FEEDBACK 301- M100-301- |
| M100-211 M100-212 | M100-211 M100-212 TAX VFD FAULT CAB: 9, ROW: 1C | 301S |
| M100-213 | M100-213 | 302+ M100-302+ |
| M100-214 | M100-214 | DCS CURRENT FEEDBACK |
| M100-215 | TAX J CAB: 9, ROW: 1D | |
| M100-216 | LOCKOUT ALARM | |
| M100-221 | ZAX J CAB: 9, ROW: TD | L |
| M100-222 | M100-222 | |
| M100-607 | M100-607 | |
| M100-608 | M100-608 5A+ BEARING HIGH VIBRATION WARNING ALARM | |
| M100-609 | M100-609 5AX J CAB: 9, ROW: 1D M100-609 604+ J BEARING HIGH TEMPERATURE | 300V, TB02 |
| M100-610 | M100-610 WARNING ALARM | VFD MODE STATUS 20 M100-20 |
| | 6AX J CAB: 9, ROW: 1D | FROM BYPASS SWITCH 21 M100-21 |
| M100-217 | | RVMS MODE STATUS $\int 22$ M100-22 |
| M100-218 | M100-218 IA+ CAB: 9, ROW: 1C1 | FROM BYPASS SWITCH 23 |
| M100-219 | M100-219 | |
| M100-220 | M100-220 4B0 CAB: 9, ROW: 2C1 | LRVMS_BYPASS_CABINET - LEVEL_400 |
| | | |
| | CONTROL ROOM – LEVEL 400 | |
| | | |

| | | | | | | | PC | |
|--|-----|-------------------------|------------|--------|--------|--------------------------------|----------|--|
| | | | | | | a division of Engl | | |
| | | | | | | DESIGNED BY: J.A.S., R.G.O. | CHECKED | |
| ENGINEERS GEOSCIENTISTS | | | | | | drawn by: N.O.W., J.A.S. | APPROVED | |
| MANITOBA | | | | | | scale: NOT TO SCALE | RELEASED | |
| Certificate of Authorization MPE, a division of Englobe Corp. | 01 | ISSUED FOR ADDENDUM 1 | 2024-07-09 | J.A.S. | R.G.O. | date: 2024/06/20 | DATE: | |
| No. 4968 Date: JULY 9, 2024 | 00 | ISSUED FOR CONSTRUCTION | 2024-06-20 | J.A.S. | R.G.O. | CONSULTANT NO.: | | |
| | NO. | REVISIONS | DATE | DESIGN | CHECK | | | |

NOTES:

- 1. VIBRATION AND TEMPERATURE MONITORING INSTRUMENT CONNECTIONS NOT SHOWN. SEE DRAWINGS 1-0103-AILD-M001 AND 1-0103-AILD-M002 FOR INSTRUMENT FIELD WIRING CONNECTIONS.
- 2. TERMINATIONS TO USE APPROPRIATELY SIZED FERRULES ONLY. CAP, LABEL, AND COIL SPARE WIRES IN DCS TERMINATION CABINET.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL TERMINATION LOCATIONS AND INSTALLING WIRING FROM TERMINATIONS TO INDICATED DCS I/O. PROVIDE CONTROL RELAYS AND TERMINALS AS NEEDED. DCS CONTROL RELAYS NOT SHOWN.



¹⁻⁰¹⁰³⁻EWDG-M002-001-PC.dwg