

REFERENCE DRAWINGS

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ε NO.

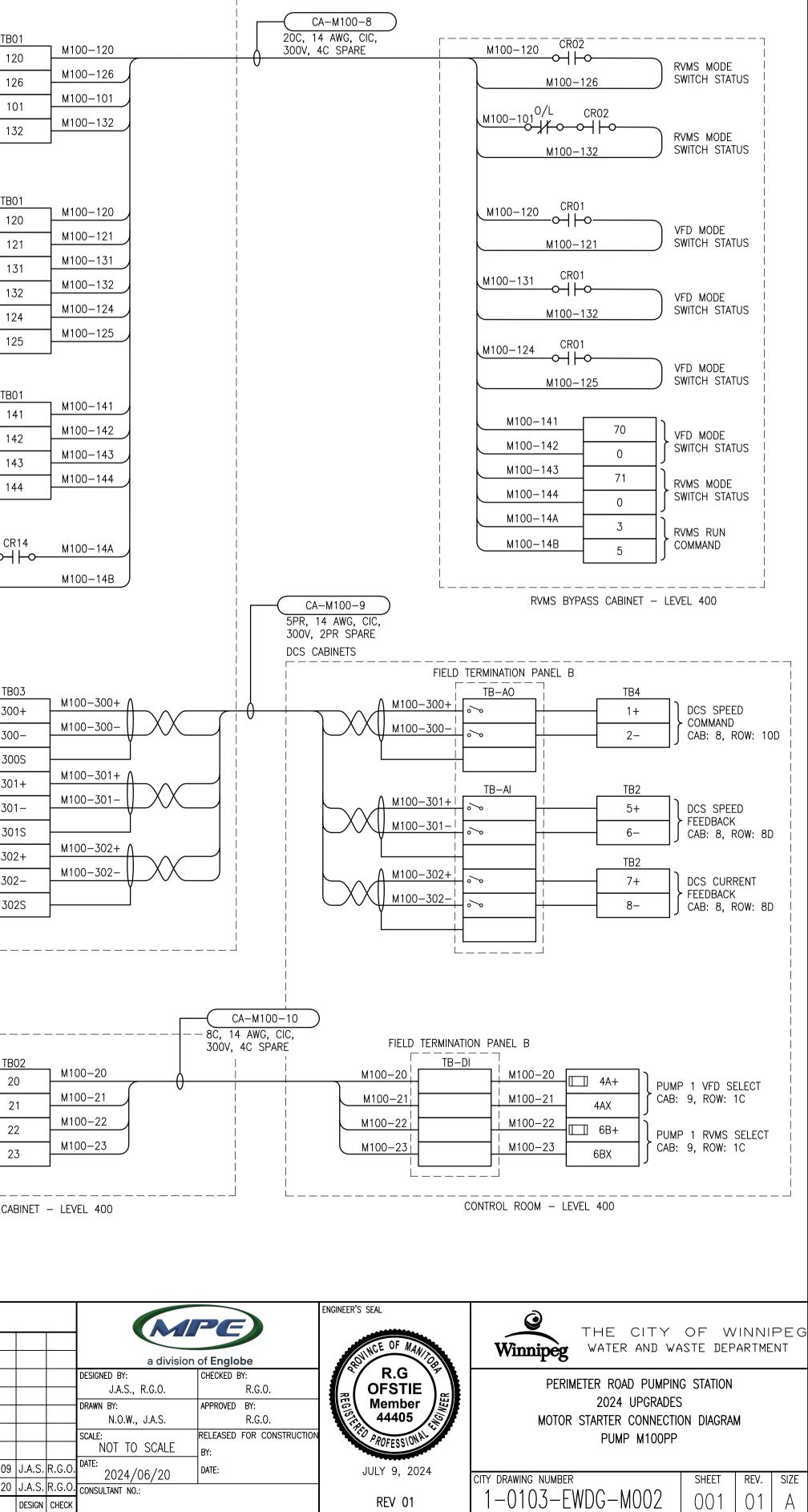
DRAWING NUMBER

	<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