



## NOT FOR CONSTRUCTION

24 VDC POWER FROM TS2-F03, DRAWING: 1-014	0.5 AMP QUICK BLOW 5L-A0003-001	FUSE				0 V 7	DC TS2-1, 0 VDC	
7	L_501_02				⊺S3 17 —⊡——1	0 VDC TS5 RTU 0017-17 10017	SCADAPAK 357 DIGITAL INPUT (24 VDC) P–L01 READY	
3	——L-501-12-				TS3 18 	TS5 RTU 18 10018	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 RUN	
	——L-501-22				<sup>TS3</sup> 19 —⊡——1	TS5 RTU 0019- <u>19 10019</u>	P-L01 RUN SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 SOFT START FAIL	
)	——L-501-32-				TS3 20	TS5 RTU	SCADAPAK 357	
1	——L-501-42				TS3 21 1	20 10020 TS5 RTU 0021-21 10021	SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 FAIL SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 AUTO MODE	
2	——L-501-52-				<sup>⊺S3</sup> 22 —□—1	TS5 RTU 0022-22 10022	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 MANUAL MODE	
3	——L-501-62——				TS3 23 	TS5 RTU 0023-23 10023	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 SOFT START MODE	
4	——L-501-72-				TS3 24 —⊡——1	TS5 RTU 23 10024	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 ACROSS THE LINE MODE	
			<sup>``\</sup> \\\\\\\	DILLON DNSULTING		ENGINEER'S SEAL	Winnipeg THE CITY OF WATER AND WASTE	
Certificate of Authorization Dillon Consulting Limited (MB) No. 1789 Date: 06/29/18	0 ISSUED FOR TENDER		ESIGNED BKB RAWN SCK OR. SCALE NONE ERTICAL	APPROVED BY MI   RELEASED FOR CONSTRUCTION FOR		consultant project number 18-6936	HAWTHORNE WASTEWATER PUMPING STATION UPGRADES DI 17-16 PUMP L01 FEEDBACK LOOPS	CITY DRAWING NUMBER 1-0145L- A0009-001 SHEET OF 9 25 CONSULTANT DRAWING NUMBER 9

	O VE	DC TS2-1, 0 VDC
OM TS2-F03, 0.5 AMP QUICK BLOW FUSE WING: 1-0145L-A0003-001		
L-501-02	0 VDC TS3 RTU 17 10017 17 10017	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 READY
L-501-12	TS3 18 TS5 RTU	
L-501-22	TS3 RTU 19 10019 19 10019	SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 RUN SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 SOFT START FAIL
L-501-32	TS3 20 TS5	
L-501-42	TS5 RTU 20 10020 TS3 RTU 21 10021 21 10021	SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 FAIL SCADAPAK 357 DIGITAL INPUT (24 VDC) P-L01 AUTO MODE
L-501-52	TS3 22 10022 22 10022	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 MANUAL MODE
L-501-62	TS3 23 10023-23 10023	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 SOFT START MODE
L-501-72	TS3 RTU 24 10024 23 10024	SCADAPAK 357 DIGITAL INPUT (24 VDC) P—L01 ACROSS THE LINE MODE
	ENGINEER'S SEAL	THE CITY OF WINNIPEG
ECN BKB CHECKED BY BKB CHECKED BY	BLM	WATER AND WASTE DEPARTMENT     Winnipeg   WATER AND WASTE DEPARTMENT     HAWTHORNE WASTEWATER PUMPING   CITY DRAWING NUMBER 1-0145L- A0009-001
Imited (MB) 0 ISSUED FOR TENDER 06/29/18 DATE DATE DATE JUNE 2018 APPROVED BY	FOR	STATION UPGRADES SHEET OF   DI 17-16 CONSULTANT DRAWING NUMBER   PUMP L01 FEEDBACK LOOPS 9