HAWTHORNE LIFT STATION RTU DRAWINGS					
FILENAME	SH	SX	DESCRIPTION	DRAWING NUMBER	FILEDATE
Title Page	01	25	Station Information	1-0145L-A0001-001	06/13/2018
Table Of Contents	02	25	Drawing List	1-0145L-A0002-001	06/13/2018
Power & Fuse Distribution	03	25	Fuse List	1-0145L-A0003-001	06/13/2018
Digital Inputs 01-06	04	25	Lockout / Hi & Hi Hi Wet Well / Station Flood / Low Temp / Seal H20	1-0145L-A0004-001	06/13/2018
Digital Inputs 07-08	05	25	120 VAC & 600 VAC Power Fail Alarms	1-0145L-A0005-001	06/13/2018
Digital Inputs 09-10	06	25	UPS Alarms & Power Distribution	1-0145L-A0006-001	06/13/2018
Digital Inputs 11-13	07	25	Local RTU And Fail To Local Loops	1-0145L-A0007-001	06/13/2018
Digital Inputs 14-16	08	25	Level Sensor Fail, Magmeter Fail	1-0145L-A0008-001	06/13/2018
Digital Inputs 17-24	09	25	Pump LO1 Feedback Loops	1-0145L-A0009-001	06/13/2018
Digital Inputs 25-32	10	25	Pump LO2 Feedback Loops	1-0145L-A0010-001	06/13/2018
Digital Inputs 33-40	11	25	Pump LO3 Feedback Loops	1-0145L-A0011-001	06/13/2018
Digital Inputs 49-56	12	25	Security And Alarms	1-0145L-A0012-001	06/13/2018
Digital Inputs 57-64	13	25	Flood Pumps And CSO Panel	1-0145L-A0013-001	06/13/2018
Counter Inputs	14	25	Flow Meter Pulse	1-0145L-A0014-001	06/13/2018
Digital Outputs 01-08	15	25	Pump RTU Mode Call To Runs, Alarm Status	1-0145L-A0015-001	06/13/2018
Digital Outputs 09-16	16	25	RTU Mode, Local Mode, Fail To Local	1-0145L-A0016-001	06/13/2018
LIC-L101 Local Lift Level Pump Runs	17	25	Precision Digital (PD6000)	1-0145L-A0017-001	06/13/2018
LIC-F101 Local Flood Level Indication	18	25	Precision Digital (PD6000)	1-0145L-A0018-001	06/13/2018
Pump Run Contacts	19	25	Pump LO1 & LO2 Runs	1-0145L-A0019-001	06/13/2018
Pump Run Contacts	20	25	Pump LO3 Run	1-0145L-A0020-001	06/13/2018
Analog Inputs 01-02	21	25	Level Feedback	1-0145L-A0021-001	06/13/2018
Analog Inputs 03-08	22	25	Flow Meter, Temperature, CSO Panel	1-0145L-A0022-001	06/13/2018
Analog Inputs 26-33	23	25	CSO Panel	1-0145L-A0023-001	06/13/2018
Pump P-L01 Control (Typ.)	24	25	Schematic	1-0145L-A0024-001	06/13/2018
Panel Door Layout	25	25	Door Layout	1-0145L-A0025-001	06/13/2018

Certificate of Authorization					
Dillon Consulting Limited (MB)					
No. 1789 Date: 06/29/18					

				'11 Manager			ENGINEER'S SEAL		
				DILLON CONSULTING					
1					DESIGNED BY	BKB	CHECKED BY	BLM	
					DRAWN BY	SCK	APPROVED BY	МН	
					HOR. SCALE	NONE	RELEASED FOR CONSTRUCTION		CONSULTANT DROJECT NUMBER
	0	ISSUED FOR TENDER	06/29/18	BLM	VERTICAL				CONSULTANT PROJECT NUMBER
L	NO.	REVISIONS	DATE	BY	DATE	JUNE 2018	DATE		18-6936

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

HAWTHORNE WASTEWATER PUMPING				
STATION UPGRADES	SHI			

TABLE OF CONTENTS DRAWING LIST

CITY DRAWING NUMBER
1-0145L- **A0002-001** OF **25** CONSULTANT DRAWING NUMBER

2