



NOTE:  
 1. SAME LAYOUT CONFIGURATION FOR AT-T202A, AA-T202A, AT-T203A, AA-T203A, AT-T204A, AA-T204A, AT-T205A, AA-T205A, SP-T201A

SAMPLING PUMPS	
PARAMETER	VALUE
TAG No.(S)	SP-T101A, SP-T102A
BACKPRESSURE (kPa)	50
MINIMUM PUMP FLOW TURNDOWN RATIO	N/A
FLOW (L/min)	15
PUMP OPERATION DURATION	24
FLUID TEMPERATURE OPERATING RANGE (°C)	0.5-25
SOLIDS CONCENTRATION OPERATING RANGE (%)	N/A
COMMODITY PUMPED	FILTERED WATER (FW) & CHLORINATED WATER
SPECIFIC GRAVITY	1.00
DRIVE MAXIMUM (kW)	0.745 kW
DRIVE VOLTAGE (V/PHASE/FREQUENCY)	120/1/60
SPEED (MAX)	91 RPM
MINIMUM PUMP EFFICIENCY AT DESIGN POINT (%)	N/A
ACCEPTABLE PUMP MANUFACTURER	WATSON-MARLOW BREDEL SPX15 SERIES VERDERFLEX, SERIES VF32 - AS SUPPLIED BY METCON SALES AND ENGINEERING LIMITED

 Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Tyco International Ltd. Company	ENGINEER'S SEAL	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
	DESIGNED BY BT			CHECKED BY BLM		ORIGINAL SIGNED BY B.L. MOORE
	DRAWN BY SRP			APPROVED BY AHL		2006/08/30
	SCALE: AS NOTED			RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CONSULTANT DRAWING NO. WT-10301
00 ISSUED FOR TENDER 06/08/30 SRP	NO. REVISIONS DATE BY DATE 2006/06/16 DATE 2006/08/30	WATER TREATMENT PLANT TREATED WATER STORAGE INLET BUILDING		CITY FILE NUMBER		
				INSTRUMENTATION ANALYZER INSTRUMENTS SCHEMATIC		SHEET OF
						CITY DRAWING NUMBER
						1-0601T-G-10301-001-000