



FERRIC CHLORIDE (Bioreactor Polishing) DOSING PUMP 1
 EQUIP. NO.: T-141-MP
 SPEC: 11363
 TYPE: DIAPHRAGM METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 0.5 L/h
 MAX. CAPACITY: 50 L/h

FERRIC CHLORIDE (Bioreactor Polishing) DOSING PUMP 2
 EQUIP. NO.: T-142-MP
 SPEC: 11363
 TYPE: DIAPHRAGM METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 0.5 L/h
 MAX. CAPACITY: 50 L/h

FERRIC CHLORIDE (HEADWORKS/CEPT) DOSING PUMP 3
 EQUIP. NO.: T-143-MP
 SPEC: 11363
 TYPE: DIAPHRAGM METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 1.5 L/h
 MAX. CAPACITY: 150 L/h

FERRIC CHLORIDE (SLUDGE/CEPT) DOSING PUMP 4
 EQUIP. NO.: T-144-MP
 SPEC: 11363
 TYPE: DIAPHRAGM METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 1.5 L/h
 MAX. CAPACITY: 150 L/h



NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	06/04/26	CD

EarthTech
 A Tyco International Ltd. Company

DESIGNED BY: CGL/EVS	CHECKED BY: KM/ST
DRAWN BY: PJY/PPL	APPROVED BY: JEH
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION BY: J. VEILLEUX
VERTICAL SCALE:	DATE: 2005/07/06
	DATE: 2006/04/26

ENGINEER'S SEAL
 ORIGINAL SIGNED BY: S.W. TORMEY
 2006/04/26
 CONSULTANT DRAWING NO. LI4.06

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WEWPCC
 BIOLOGICAL NUTRIENT REMOVAL UPGRADE
 CONTRACT 3

PROCESS
 AREA T - DAF THICKENER BUILDING
 FERRIC CHLORIDE DOSING - P&ID

CITY FILE NUMBER	
SHEET OF	
CITY DRAWING NUMBER	