



- NOTES:
1. DISCONNECT ALL EXISTING POWER AND CONTROL WIRING FROM THE EXISTING MICROTURBINE UNIT.
 2. CONNECT EXISTING 120 VAC CONTROL POWER CIRCUIT TO THE NEW THERMAL OXIDIZER CONTROL PANEL AND REVISE POWER PANEL INDEX ACCORDINGLY.
 3. ALL WIRING AND CONDUIT SYSTEMS TO BE NEMA 4X RATED.
 4. REUSE EXISTING 8C#14 CONTROL WIRING FOR THERMAL OXIDIZER STATUS AND CONTROL FROM THE PLANT DCS. REFER TO LOOP WIRING DIAGRAM.
 5. SUPPLY AND INSTALL A NEW RTD SENSOR, RTD TRANSMITTER, WIRE AND CONDUIT FOR EXHAUST PLENUM TEMPERATURE AS SHOWN ON LOOP WIRING DIAGRAM.
 5. COORDINATE WITH THE SUPPLIER FOR ALL MODIFICATIONS TO THE EXISTING LAYOUT.

PLAN
SCALE N.T.S.

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2006

B.M. ELEV.			
DESIGNED BY	LH	CHECKED BY	PB
DRAWN BY	GLG	APPROVED BY	AHL
SCALE:	N.T.S.	RELEASED FOR CONSTRUCTION BY:	T. HOLDING
00 ISSUED FOR TENDER	05/11/28	LAE	
NO. REVISIONS	DATE	BY	DATE
	2005/08/31		05/11/28

EarthTech
A Tyco International Ltd. Company

ENGINEER'S SEAL
ORIGINAL SIGNED BY
P.B. BARSALOU
2005/11/25

CONSULTANT DRAWING NO.
6238000-P03

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

SUPPLY AND INSTALLATION OF A THERMAL OXIDIZER
SOUTH END WATER POLLUTION CONTROL CENTRE

PROCESS
GENERAL ARRANGEMENT PLAN

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER