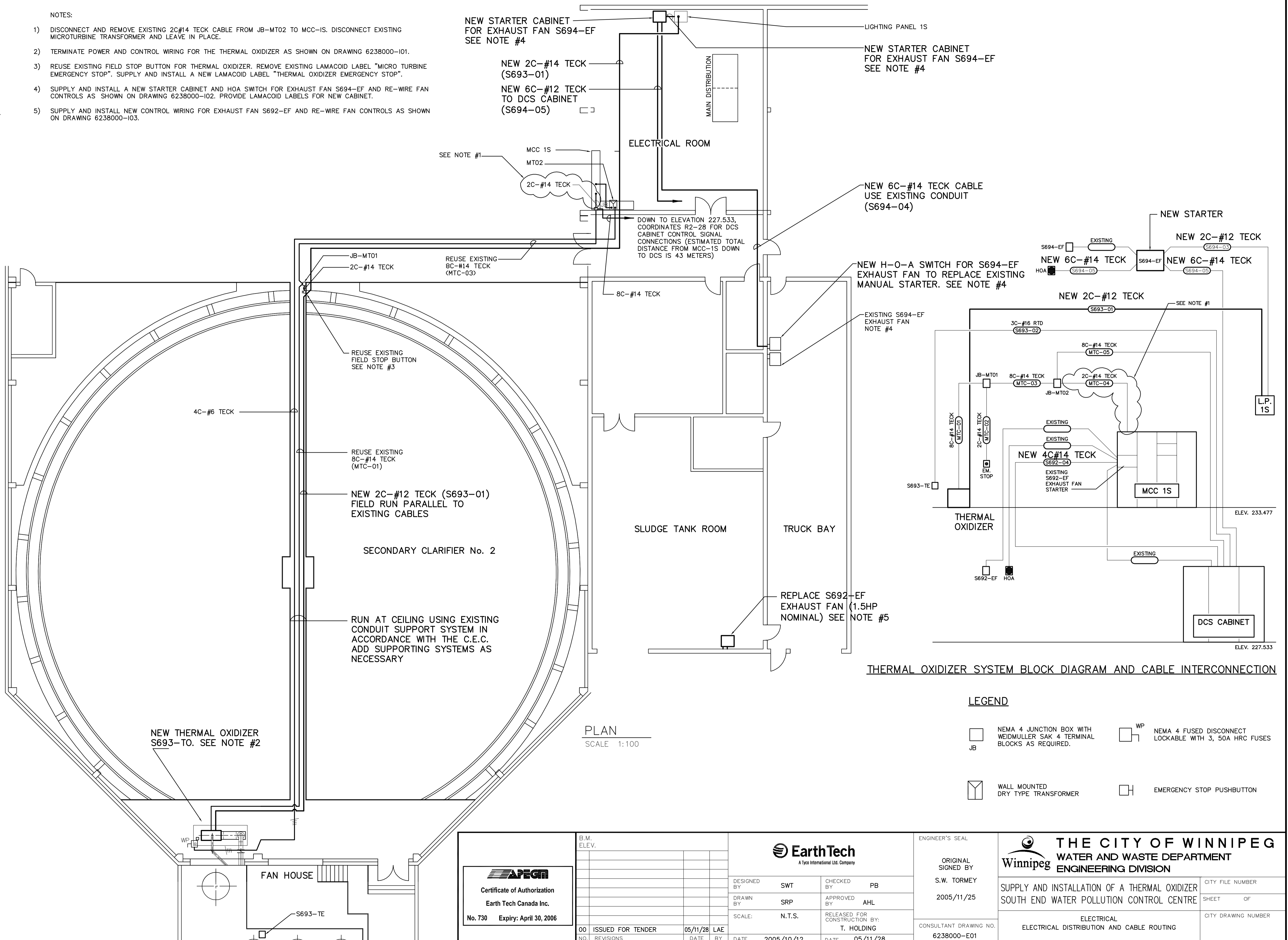
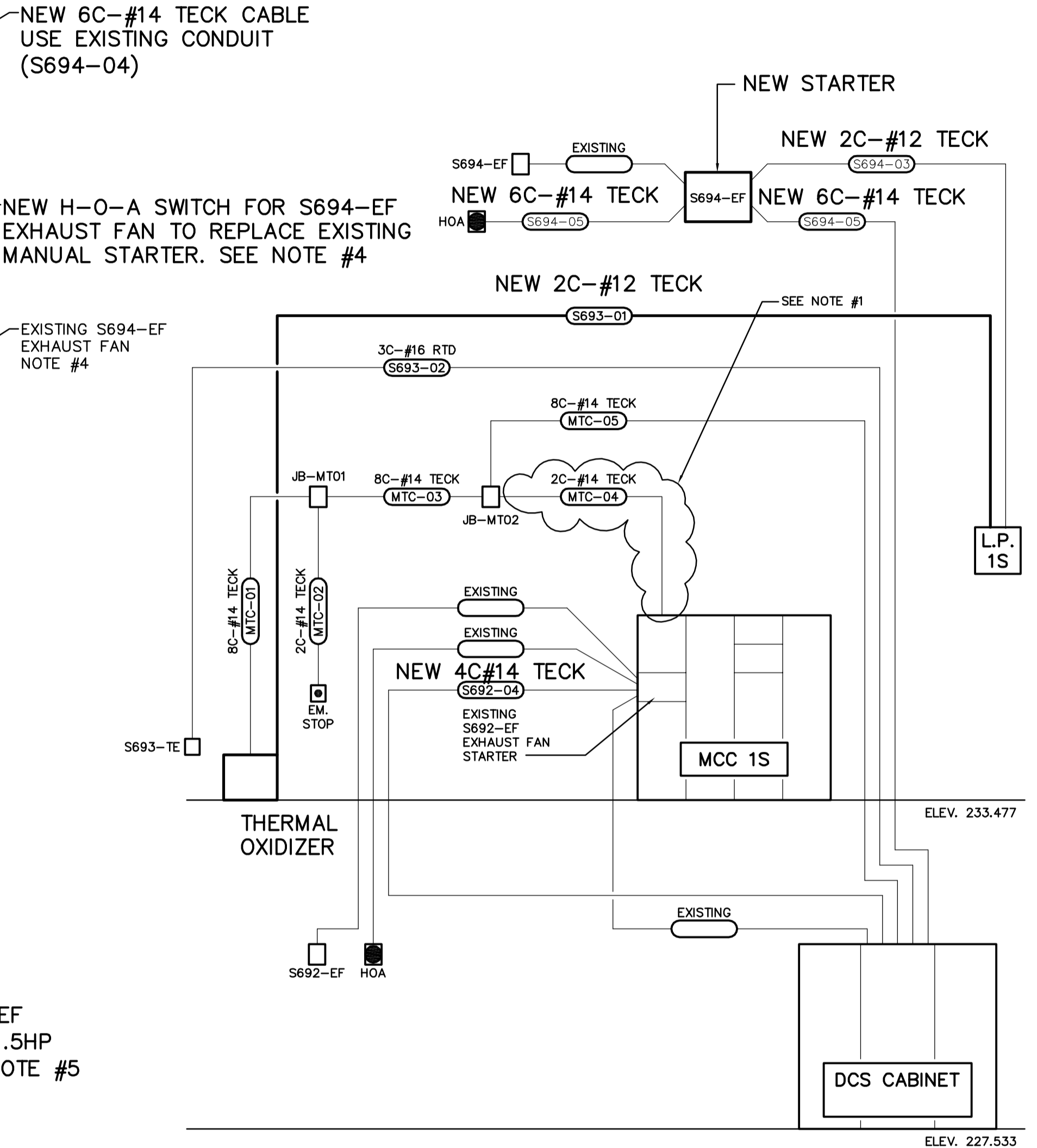


NOTES:

- 1) DISCONNECT AND REMOVE EXISTING 2C-#14 TECK CABLE FROM JB-MT02 TO MCC-1S. DISCONNECT EXISTING MICROTURBINE TRANSFORMER AND LEAVE IN PLACE.
- 2) TERMINATE POWER AND CONTROL WIRING FOR THE THERMAL OXIDIZER AS SHOWN ON DRAWING 6238000-101.
- 3) REUSE EXISTING FIELD STOP BUTTON FOR THERMAL OXIDIZER. REMOVE EXISTING LAMACOID LABEL "MICRO TURBINE EMERGENCY STOP". SUPPLY AND INSTALL A NEW LAMACOID LABEL "THERMAL OXIDIZER EMERGENCY STOP".
- 4) SUPPLY AND INSTALL A NEW STARTER CABINET AND HOA SWITCH FOR EXHAUST FAN S694-EF AND RE-WIRE FAN CONTROLS AS SHOWN ON DRAWING 6238000-102. PROVIDE LAMACOID LABELS FOR NEW CABINET.
- 5) SUPPLY AND INSTALL NEW CONTROL WIRING FOR EXHAUST FAN S692-EF AND RE-WIRE FAN CONTROLS AS SHOWN ON DRAWING 6238000-103.



PLAN  
SCALE 1:100



THERMAL OXIDIZER SYSTEM BLOCK DIAGRAM AND CABLE INTERCONNECTION

LEGEND

- NEMA 4 JUNCTION BOX WITH WEIDMULLER SAK 4 TERMINAL BLOCKS AS REQUIRED.
- NEMA 4 FUSED DISCONNECT LOCKABLE WITH 3, 50A HRC FUSES
- WALL MOUNTED DRY TYPE TRANSFORMER
- EMERGENCY STOP PUSHBUTTON

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

|                      |          |                               |            |            |               |
|----------------------|----------|-------------------------------|------------|------------|---------------|
| B.M. ELEV.           |          |                               |            |            |               |
| DESIGNED BY          | SWT      | CHECKED BY                    | PB         |            |               |
| DRAWN BY             | SRP      | 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       | 2005/10/12 | DATE 05/11/28 |

**EarthTech**  
A Tyco International Ltd. Company

ENGINEER'S SEAL

ORIGINAL SIGNED BY  
S.W. TORMEY  
2005/11/25

CONSULTANT DRAWING NO.  
6238000-E01

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

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

ELECTRICAL  
ELECTRICAL DISTRIBUTION AND CABLE ROUTING

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER