



**1** DETAIL - SBR BASIN AND EQUALIZATION TANKS PLAN  
E2.05 SCALE: N.T.S.

- NOTES:**
1. STATIC DISCHARGE GROUND REEL TO BE MOUNTED ON STEEL TUBES STAND 1.2m ABOVE GRADE. GROUND REEL TO BE AERO-MOTIVE #2050 NC WITH 15.24 METRES OF CABLE.
  2. PROVIDE STACK AND LIGHTING GROUND RODS FOR STACK GROUNDING AND LIGHTING GROUNDING.
  3. PROVIDE GROUND ROD AROUND METHANOL TANK. GROUND TANKS TO GROUND LOOP MINIMUM OF 2 LOCATION FOR TANK. GROUND METHANOL PUMP AND ASSOCIATED EQUIPMENT TO GROUNDING SYSTEM. GROUND STEEL FENCE TO GROUND SYSTEM.
  4. REFER TO MOTOR/EQUIPMENT SCHEDULE AND MOTOR CONTROL CENTRE SCHEDULE FOR POWER SUPPLY FOR ALL PROCESS AND MECHANICAL EQUIPMENT.
  5. REFER TO MECHANICAL DRAWING M1.01 AND PROCESS DRAWING P13.02 FOR LENGTH OF PIPING REQUIRING HEAT TRACE. ALSO REFER TO HEAT TRACE SCHEDULE.
  6. INSTALL CORED OPENING IN BUILDING WALL AT MINIMUM 1 METER ABOVE FINISHED GRADE TO ALLOW FOR WATERPROOF SEAL FOR CABLES FROM BUILDING TO DISCONNECT AND ASSOCIATED EQUIPMENT ON TANK ROOF ADJACENT TO ACCESS HATCH. PROVIDE ROXTEC RS WEATHER TIGHT SEALS SIZED TO SUIT CABLES.

**EarthTech**  
A Tyco International Ltd. Company

**Earth Tech Canada Inc.**  
No. 730 Expiry: April 30, 2007

NO.	REVISIONS	DATE	BY	DATE
02	291-2006 ADDENDUM 4	06/07/19	ERC	
01	291-2006 ADDENDUM 3	06/07/12	CPG	
00	ISSUED FOR TENDER	06/05/15	CPG	

DESIGNED BY	PS	CHECKED BY	GSN
DRAWN BY	CPG	APPROVED BY	JEH
SCALE:	N.T.S.	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
DATE	2006/02/23	DATE	2006/05/23

ENGINEER'S SEAL  
ORIGINAL SIGNED BY  
P. STRYK  
2005/05/15  
CONSULTANT DRAWING NO.  
E2.05

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

NEWPCC CENTRATE NUTRIENT TREATMENT  
NITROGEN REMOVAL FACILITY

ELECTRICAL  
SBR BASIN AND EQUALIZATION TANKS PLAN

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER