



LOWER LEVEL PLAN  
SCALE 1:125

- NOTES:**
- GLASS LINED PLUG VALVE WITH STEM WITH REMOVABLE OPERATOR EXTENDING TO SBR COVER WITH CORROSION PROOF EPOXY COATING. PROVIDE SUPPORT FOR VALVE.
  - ALL METAL PARTS BENEATH SBR COVERS USED FOR PIPE SUPPORT INCLUDING ANCHORS, RODS AND CLAMPS TO BE SS316. SUBMERGED METAL PARTS IN EQUALIZATION TANK USED FOR PIPE SUPPORT INCLUDING ANCHORS, RODS AND CLAMPS TO BE SS316.
  - DECANTERS SUPPLIED UNDER A SEPARATE CONTRACT. INSTALL DECANTERS AS PART OF THIS CONTRACT. COORDINATE EXACT DIMENSIONS WITH DECANTER SUPPLIER.
  - PROVIDE TEN WATER NOZZLES, EQUALLY SPACED. NOZZLES TO BE RAIN-BIRD 2045-PJ MAX BIRD 25 PSI.
  - FOR PIPING CONTINUATION OUTSIDE OF STRUCTURE REFER TO CIVIL DRAWINGS.
  - PROVIDE VICTAULIC FLANGES ON PIPES LOCATED ABOVE THE HIGH WATER LEVEL.
  - REFER TO DRAWING P14.03 FOR ELEVATIONS OF ALL PIPE PENETRATIONS THROUGH THIS WALL.

**APEGM**  
Certificate of Authorization  
Earth Tech Canada Inc.  
No. 730 Expiry: April 30, 2007

B.M. ELEV.			
DESIGNED BY	YL	CHECKED BY	SB
DRAWN BY	SRP	APPROVED BY	JEH
SCALE:	1:125	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
NO.	REVISIONS	DATE	BY
01	291-2006 ADDENDUM 3	06/07/12	LAE
00	ISSUED FOR TENDER	06/05/15	GLG
NO.	REVISIONS	DATE	BY
		2006/01/16	
		2006/05/15	

**EarthTech**  
A Tyco International Ltd. Company

ENGINEER'S SEAL  
ORIGINAL SIGNED BY  
J.E. HUTCHISON  
2006/05/15

CONSULTANT DRAWING NO.  
P13.01

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

NEWPCC CENTRATE NUTRIENT TREATMENT  
NITROGEN REMOVAL FACILITY

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER

PROCESS  
PROCESS TANKS  
LOWER LEVEL PLAN