



- NOTES:**
1. CONNECTION FOR FUTURE METHANOL SYSTEM EXPANSION.
  2. ALL ABOVE GROUND METHANOL PIPE CONNECTIONS TO BE WELDED AND/OR WITH WELDED FLANGES. ALL ABOVE GROUND METHANOL PIPE AND VALVE CONNECTIONS SHALL BE FLANGED WITH METHANOL COMPATIBLE GASKETS AND ALL FLANGE CONNECTIONS SHALL BE WIRED TO PROVIDE ELECTRICAL CONTINUITY.
  3. THE MINIMUM OUTBREATHING CAPACITY FOR VALVES CV-725 AND CV-755 IS 100 m<sup>3</sup>/hr. THE MINIMUM INBREATHING CAPACITY FOR VALVES CV-725 AND CV-755 IS 12 m<sup>3</sup>/hr.
  4. CV-701A, CV-739A, CV-739C AND CV-739E ARE DIXON BAYCO IN-LINE BALL VALVES WITH "AIR KING" BLANK ENDS FOR AIR HOSE PIPE CONNECTION.
  5. REFER TO DIV. 16 AREA CLASSIFICATION DRAWING E1.03 FOR HAZARDOUS LOCATIONS. ALL WIRING TO BE PROVIDED AND INSTALLED UNDER DIV. 17. TERMINATIONS AND CABLES TO BE RATED FOR HAZARDOUS AREAS.
  6. REFER TO VENDOR DRAWINGS AND DOCUMENTATION FOR INSTRUMENTATION AND CONTROL DEVICES AND I/O REQUIREMENTS.

EQUIP. NO.: C730-P  
 TYPE: DIAPHRAGM PUMP  
 CAPACITY: 1.5 m<sup>3</sup>/hr  
 HEAD: 135 kPa  
 POWER: 1.5 kW

<p>Certificate of Authorization                  Earth Tech Canada Inc.                  No. 730 Expiry: April 30, 2007</p>	B.M. ELEV.	<p>A Tyco International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG                  WATER AND WASTE DEPARTMENT                  ENGINEERING DIVISION</p>				
			DESIGNED BY: EM/CD		ORIGINAL SIGNED BY: Q. MENG			
			CHECKED BY: SB/PS		DATE: 2006/05/15			
			APPROVED BY: JEH		CONSULTANT DRAWING NO. P11.02			
	SCALE: NONE	RELEASED FOR CONSTRUCTION BY: K. MARTENS		NEWPCC CENTRATE NUTRIENT TREATMENT NITROGEN REMOVAL FACILITY				
	NO. REVISIONS	DATE	DATE	PROCESS METHANOL STORAGE TANK 1 PROCESS & INSTRUMENTATION DIAGRAM				
	00 ISSUED FOR TENDER	06/05/15	GLG	2006/01/16	2006/05/15			CITY FILE NUMBER
								SHEET OF
								CITY DRAWING NUMBER