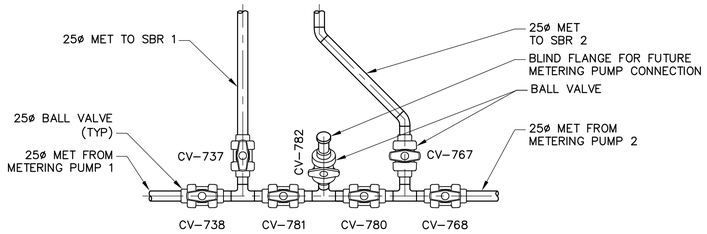
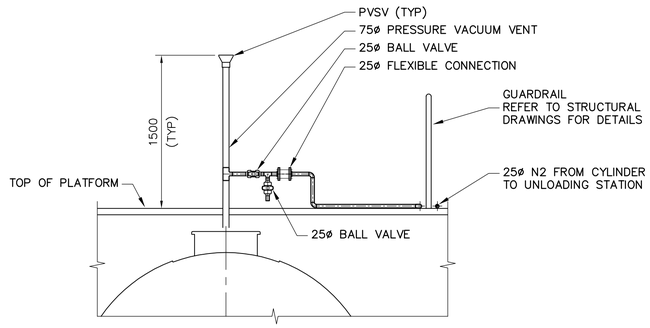
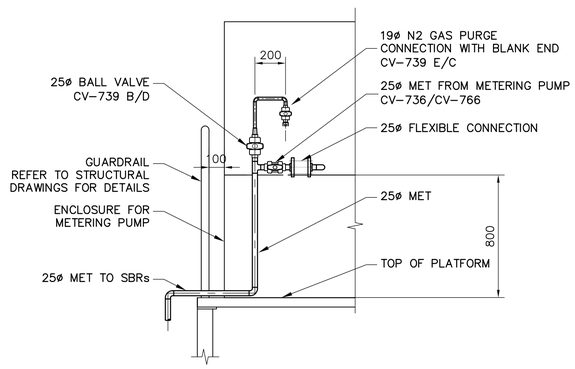
SHEET: COW-A1 (05/2005)



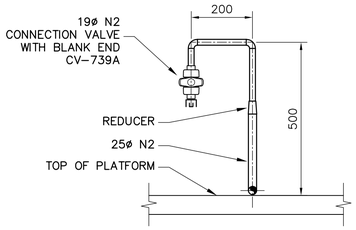
1 DETAIL — SCALE 1:10



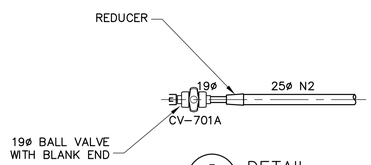
2 DETAIL — SCALE 1:30



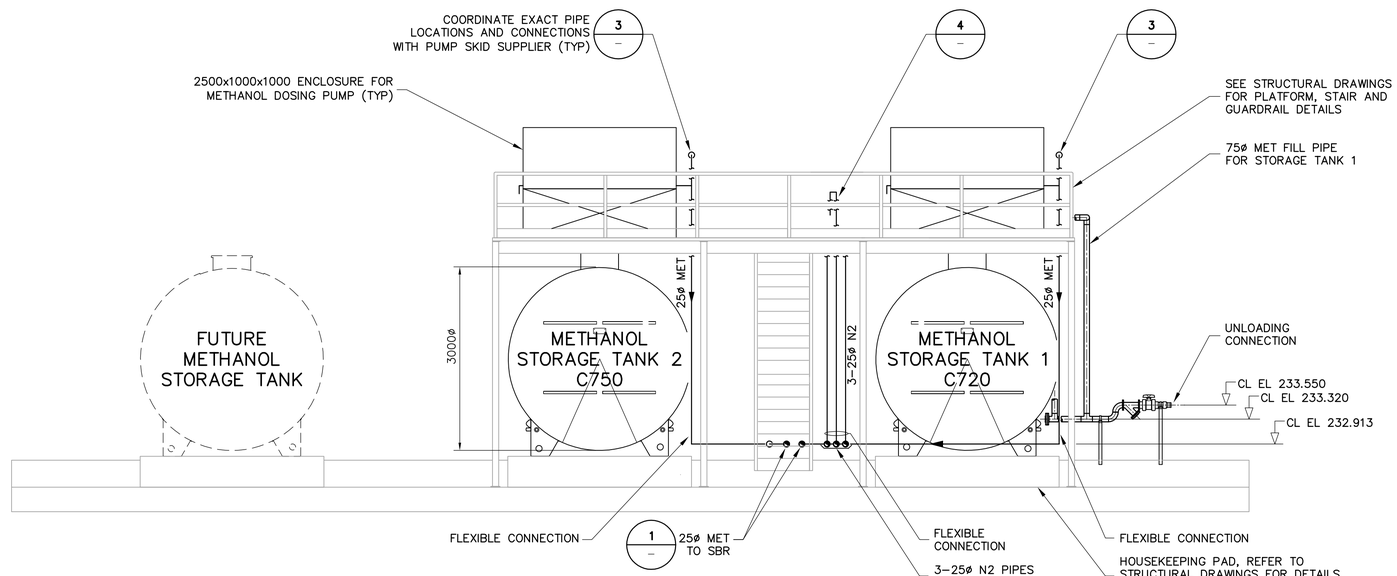
3 DETAIL — SCALE 1:20



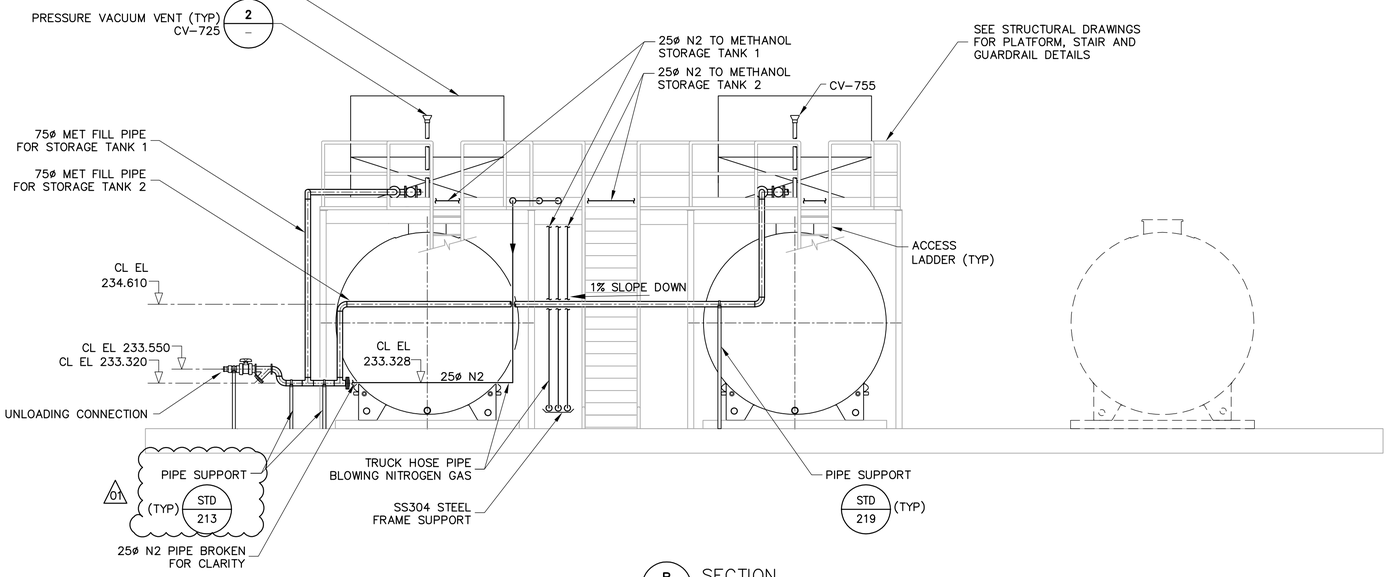
4 DETAIL — SCALE 1:10



5 DETAIL — SCALE 1:10



A 17.01 SECTION — SCALE 1:50



B 17.01 SECTION — SCALE 1:50

NOTES:

1. ALL MANUAL VALVES ON METHANOL AND NITROGEN LINES TO BE LOCKABLE.
2. 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.

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

B.M. ELEV.

NO.	REVISIONS	DATE	BY
01	291-2006 ADDENDUM 6	06/07/26	LAE
00	ISSUED FOR TENDER	06/05/15	GLG

Earth Tech
A Tyco International Ltd. Company

DESIGNED BY	EM	CHECKED BY	SB
DRAWN BY	SRP	APPROVED BY	JEH
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
DATE	2006/01/16	DATE	2006/05/15

ENGINEER'S SEAL
ORIGINAL SIGNED BY
Q. MENG
2006/05/15

CONSULTANT DRAWING NO.
P17.02

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT NITROGEN REMOVAL FACILITY

CITY FILE NUMBER
SHEET OF

PROCESS
METHANOL SYSTEM
SECTIONS & DETAILS

CITY DRAWING NUMBER
1-0101C-A-P0007-001-01D

Last Save: 2006-07-26 2:03 PM

L:\WORK\66000\66303CEN\02A-CAD\WAT\CONTR\NITRATE REMOVAL DETAILED DESIGN\P17.02.DWG