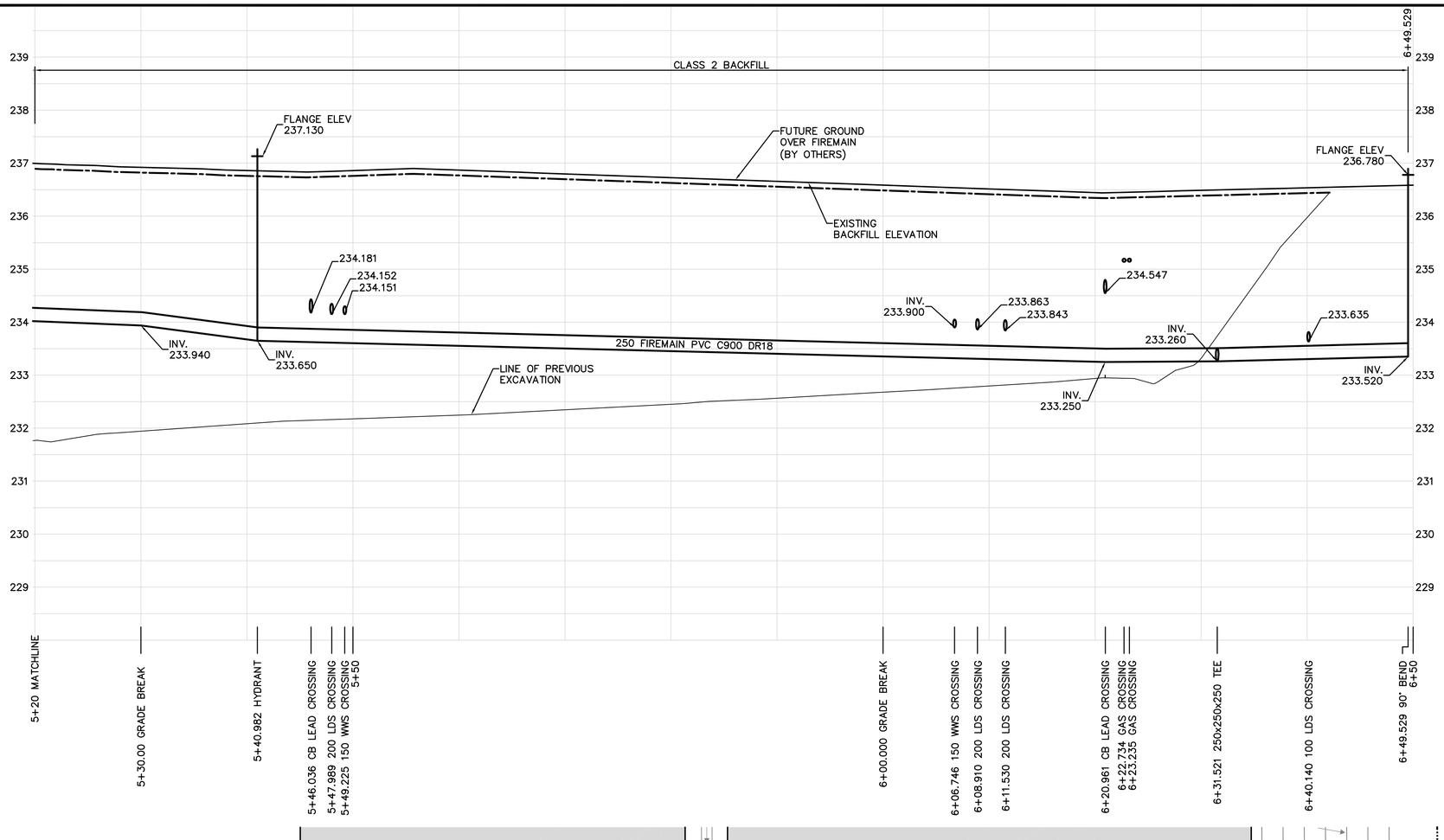
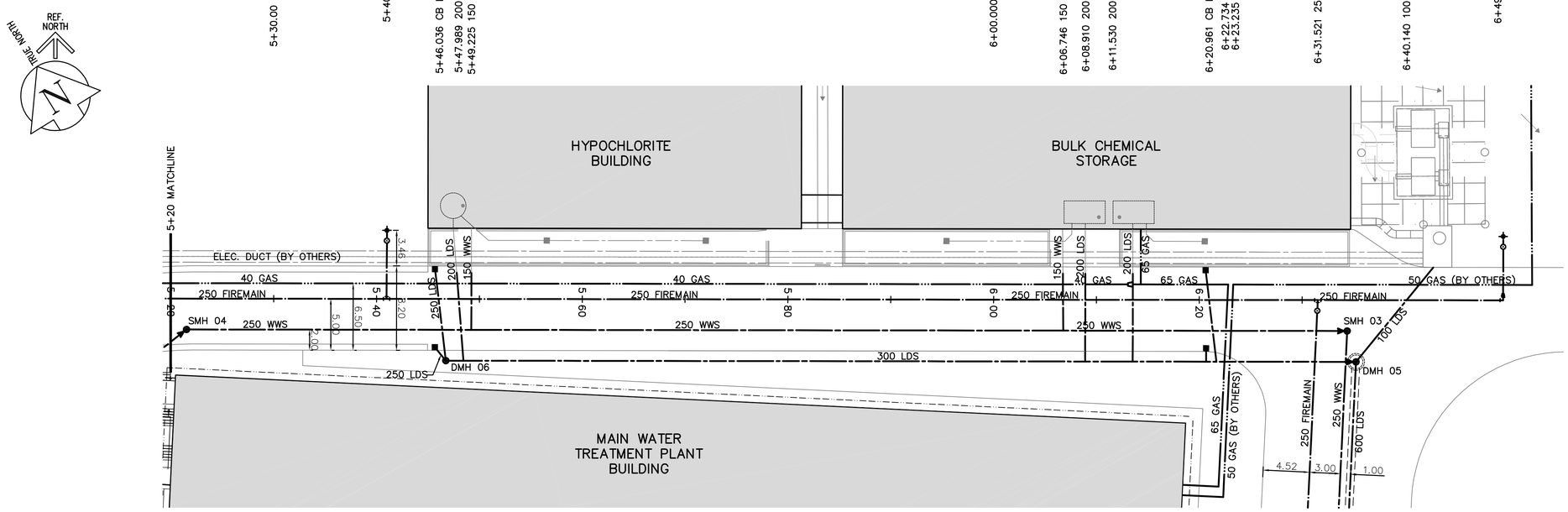
SHEET: COW-A1 (05/2005)





GENERAL NOTES:

A. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

CONSTRUCTION NOTES:

1. ALL HYDRANT ASSEMBLIES TO HAVE MECHANICAL JOINT RESTRAINTS FROM TEE TO HYDRANT.
2. ALL PIPE BEDDING TO BE CLASS B SAND BEDDING.

BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 – SCALE FACTOR 0.99983

B.M. No.	NORTHING	EASTING	ELEVATION
PILE 136	5523873.734	647764.406	236.242
PILE 133	5523256.606	647782.387	236.056

250 FIREMAIN COORDINATE TABLE		
DESCRIPTION	NORTHING	EASTING
250X250X150 TEE 5+41	5524104.105	647922.968
HYDRANT	5524109.898	647926.254
250X250X250 TEE 6+31.5	5524059.816	648001.936
90° BEND	5524051.005	648017.646
HYDRANT	5524056.416	648020.691

0 10m 20m
SCALE

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

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
01	REVISED CONTRACT LIMITS	07/04/05	GSK
00	ISSUED FOR TENDER (94-2007)	07/02/20	GSK

CH2MHILL
Frederickson Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	GSK	CHECKED BY	KF
DRAWN BY	JBC	APPROVED BY	AHL
SCALE:	1:250 HOR 1:50 VER	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2006/11/21	DATE	2007/02/20

ENGINEER'S SEAL
ORIGINAL SIGNED BY
K.W. FITCHETT
2007/02/20

CONSULTANT DRAWING NO.
WH-C0214

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
SITE UTILITIES

CITY FILE NUMBER
SHEET OF

CIVIL
FIRE PROTECTION
NORTH LEG – STA. 5+20 TO STA. 6+39

CITY DRAWING NUMBER
1-0601H-C-C0214-001-01D

Last Save: 2007-04-03 3:22 PM

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