

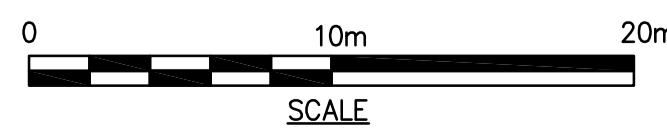
**GENERAL NOTES:**  
 A. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE 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

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



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

NO.	REVISIONS	DATE	BY
02	94-2007 ADDENDUM 3	07/06/05	GSK
01	REVISED CONTRACT LIMITS	07/04/05	GSK
00	ISSUED FOR TENDER (94-2007)	07/02/20	GSK

**CH2MHILL**  
 Frederickson Cooper  
 ARCHITECTS

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

**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-C0214-001-02D**