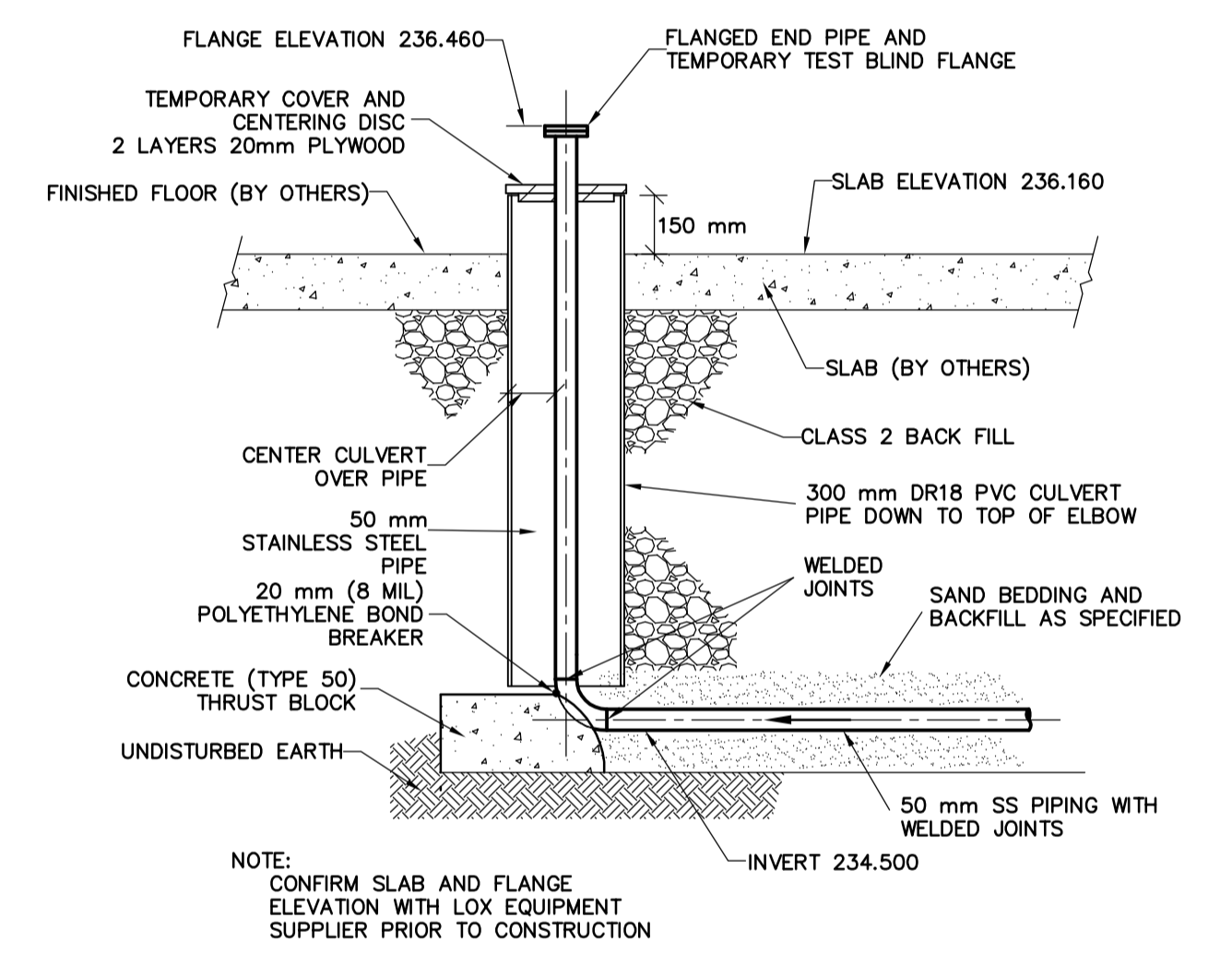
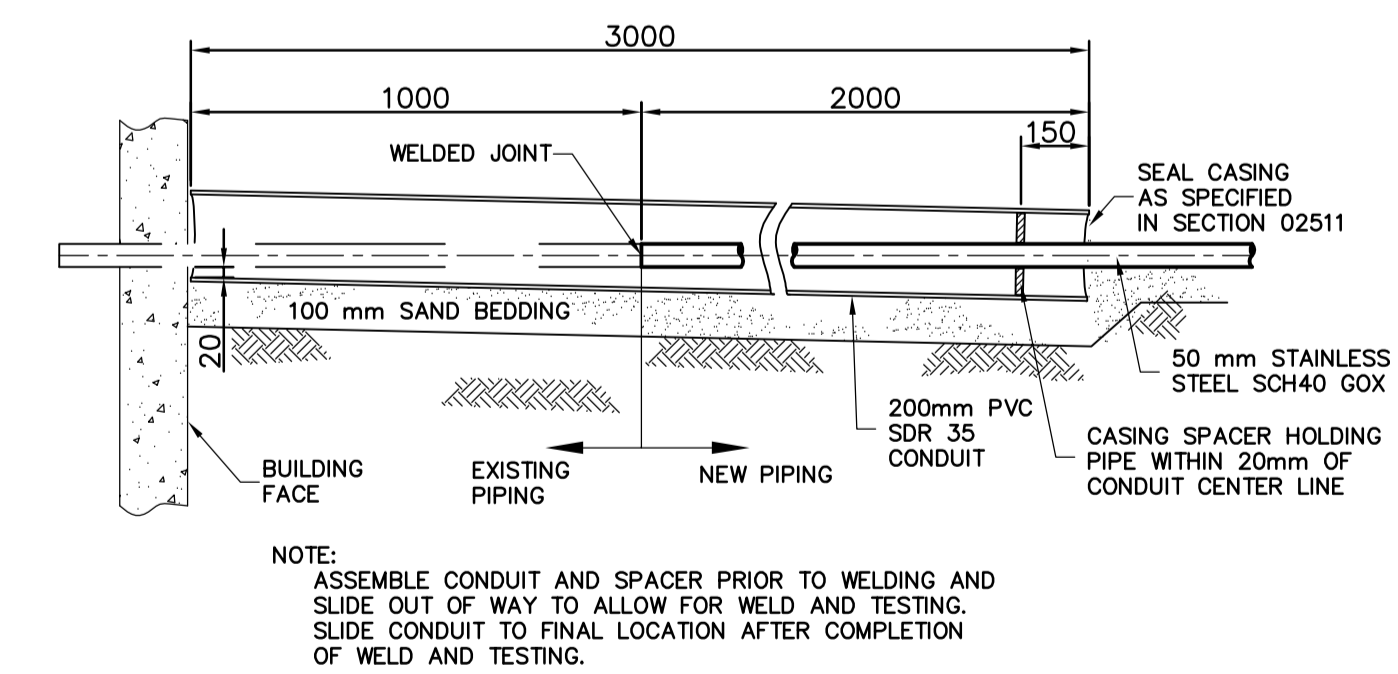


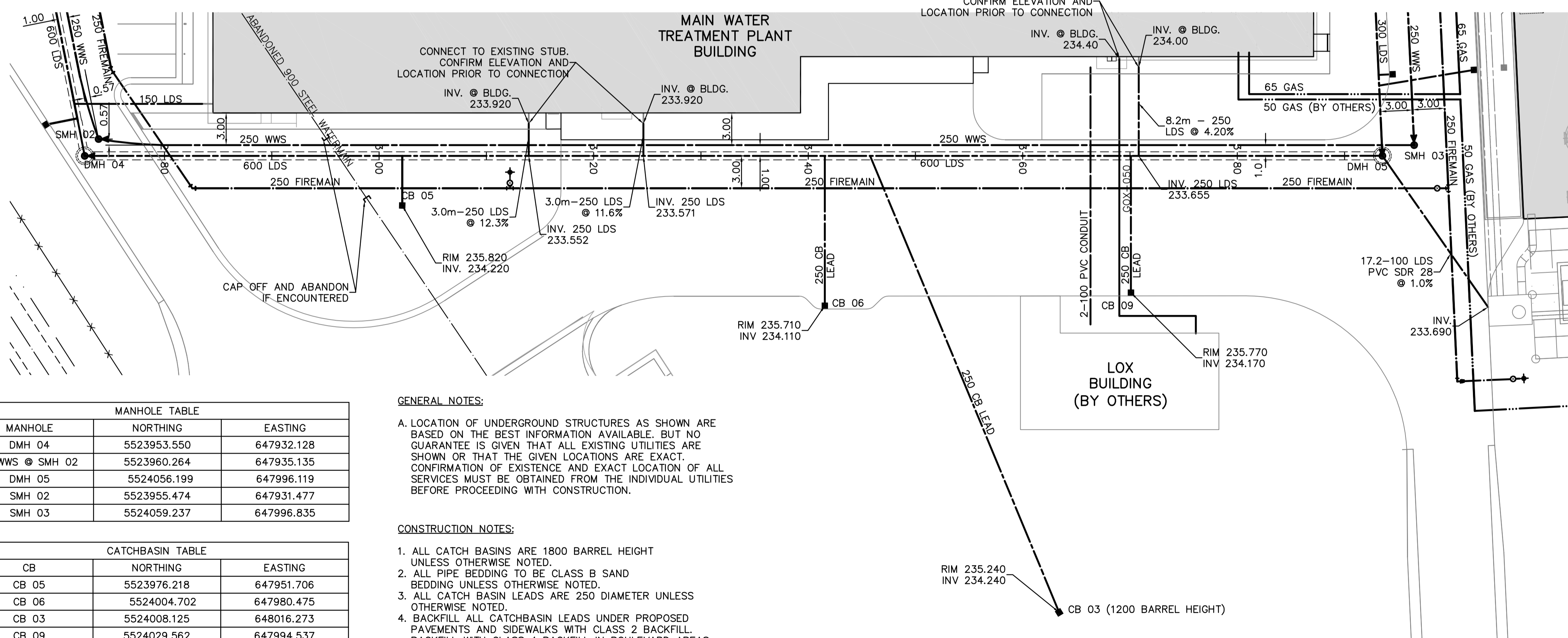
GASEOUS OXYGEN (GOX) PIPING DETAIL



1 GOX PIPING RISER DETAIL
SCALE N.T.S.



2 GOX CONNECTION DETAIL
SCALE N.T.S.



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:

- ALL CATCH BASINS ARE 1800 BARREL HEIGHT UNLESS OTHERWISE NOTED.
- ALL PIPE BEDDING TO BE CLASS B SAND BEDDING UNLESS OTHERWISE NOTED.
- ALL CATCH BASIN LEADS ARE 250 DIAMETER UNLESS OTHERWISE NOTED.
- BACKFILL ALL CATCHBASIN LEADS UNDER PROPOSED PAVEMENTS AND SIDEWALKS WITH CLASS 2 BACKFILL. BACKFILL WITH CLASS 4 BACKFILL IN BOULEVARD AREAS.

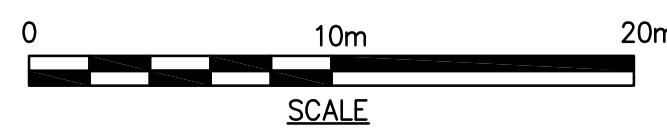
BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983

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

MANHOLE TABLE		
MANHOLE	NORTHING	EASTING
DMH 04	5523953.550	647932.128
PI WWS @ SMH 02	5523960.264	647935.135
DMH 05	5524056.189	647996.119
SMH 02	5523955.474	647931.477
SMH 03	5524059.237	647996.835

CATCHBASIN TABLE		
CB	NORTHING	EASTING
CB 05	5523976.218	647951.706
CB 06	5524004.702	647980.475
CB 03	5524008.125	648016.273
CB 09	5524029.562	647994.537



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

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

CH2MHILL
Frederickson Cooper ARCHITECTS

EarthTech
A Teo 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-C0203

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
SITE UTILITIES

CITY FILE NUMBER
SHEET 3 OF

CITY DRAWING NUMBER
1-0601H-C-C0203-001-01D

CIVIL
LAND DRAINAGE AND WASTEWATER SEWER,
AND GASEOUS OXYGEN STA. 2+74 TO STA. 3+97