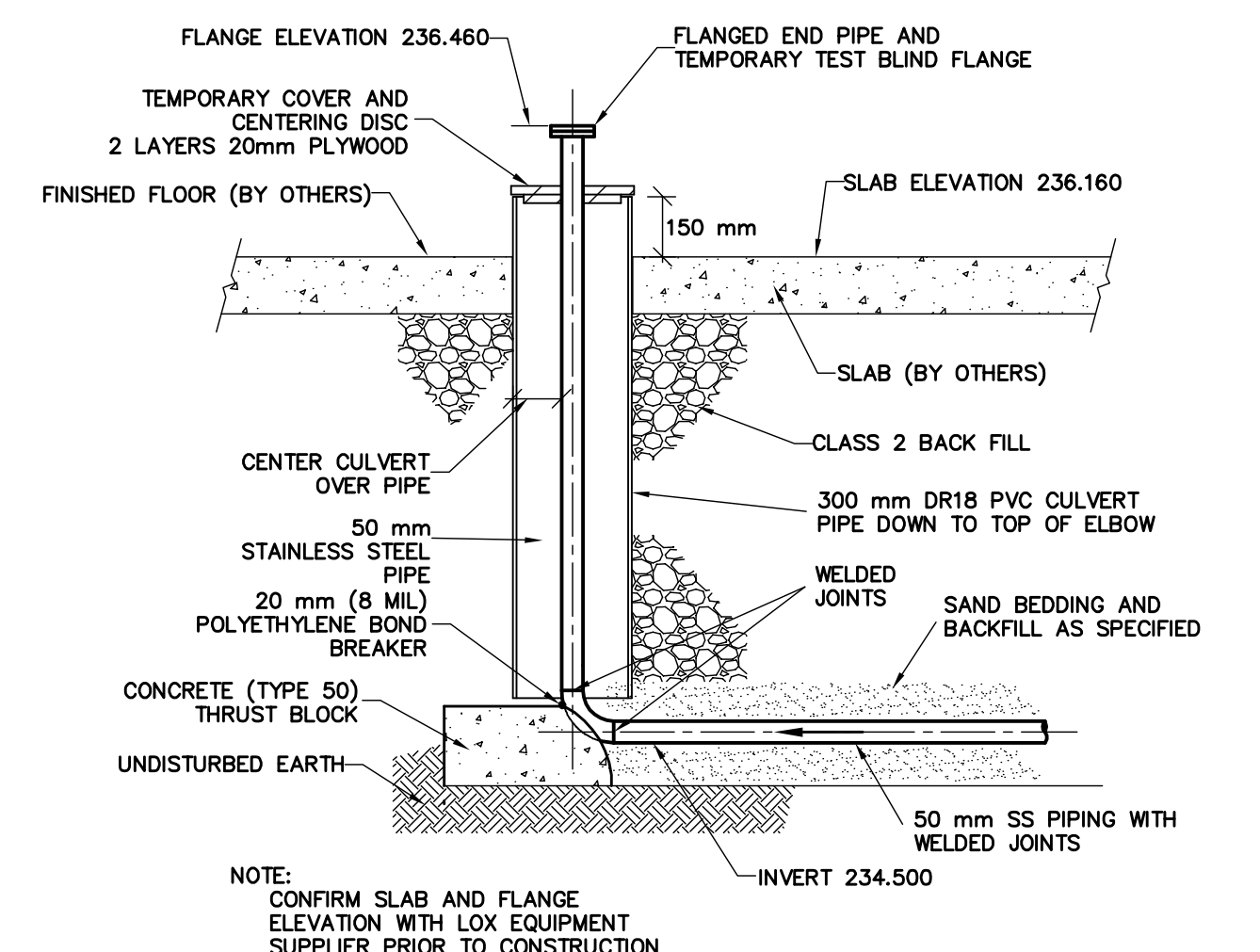
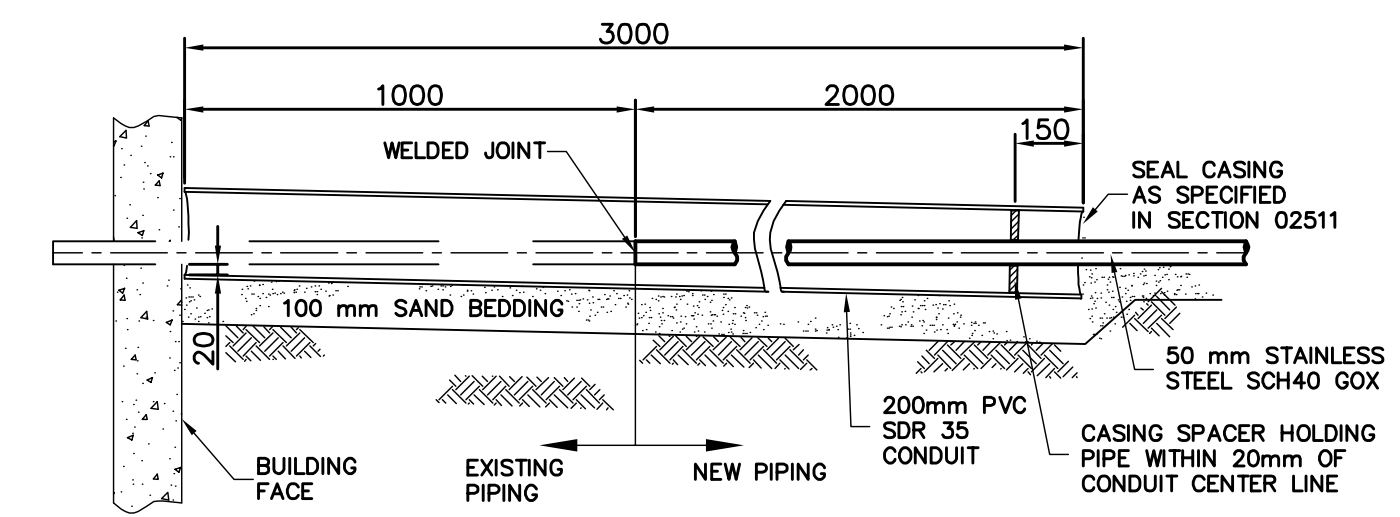


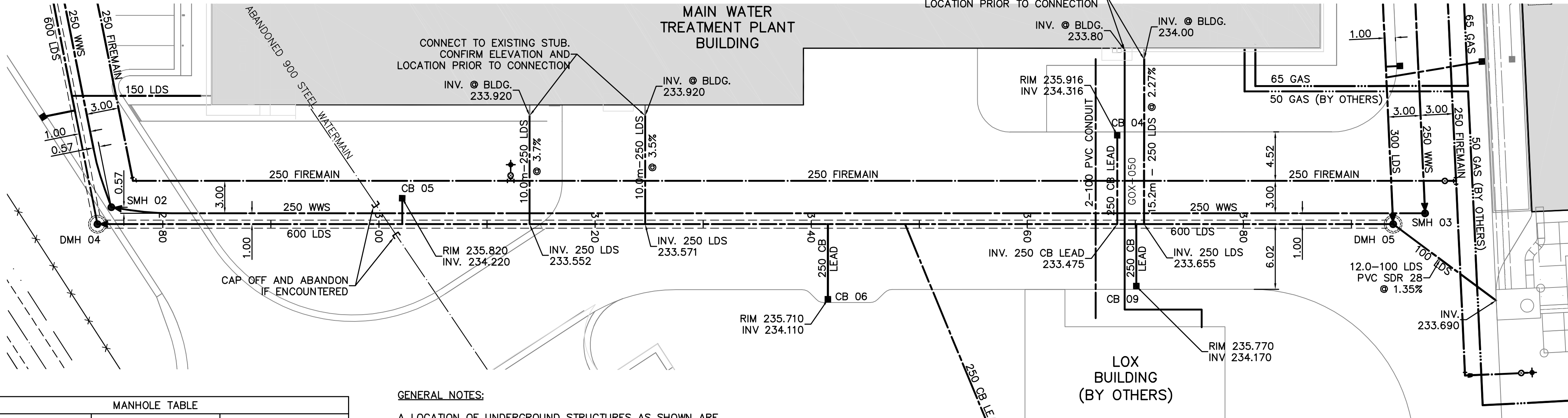
GASEOUS OXYGEN (GOX) PIPING DETAIL



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:

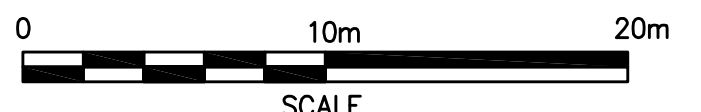
1. ALL CATCH BASINS ARE 1800 BARREL HEIGHT UNLESS OTHERWISE NOTED.
2. ALL PIPE BEDDING TO BE CLASS B SAND BEDDING UNLESS OTHERWISE NOTED.
3. ALL CATCH BASIN LEADS ARE 250 DIAMETER UNLESS OTHERWISE NOTED.
4. BACKFILL ALL CATCHBASIN LEADS UNDER PROPOSED PAVEMENTS AND SIDEWALKS WITH CLASS 2 BACKFILL. BACKFILL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

BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983
 B.M. 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	5523951.022	647938.822
PI WWS @ SHM 02	5523957.374	647941.604
DMH 05	5524052.761	648002.250
SMH 02	5523952.940	647938.173
SMH 03	5524055.799	648002.965

CATCHBASIN TABLE		
CB	NORTHING	EASTING
CB 05	5523976.218	647951.706
CB 06	5524004.702	647980.475
CB 03	5524008.125	648016.273
CB 04	5524035.441	647981.768
CB 09	5524029.562	647994.537



 Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Tyco International Ltd. Company	ENGINEER'S SEAL	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		
				DESIGNED BY GSK		CHECKED BY KF	ORIGINAL SIGNED BY K.W. FITCHETT
				DRAWN BY JBC		APPROVED BY AHL	2007/02/20
				SCALE: 1:250 HOR 1:50 VER		RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WH-C0203
	00 ISSUED FOR TENDER (94-2007) 07/02/20 GSK	DATE 2006/11/21	DATE 2007/02/20	WATER TREATMENT PLANT SITE UTILITIES	CITY FILE NUMBER		
	NO. REVISIONS	DATE	DATE	LAND DRAINAGE AND WASTEWATER SEWER, AND GASEOUS OXYGEN STA. 2+74 TO STA. 3+97	SHEET 3 OF		
					CITY DRAWING NUMBER		
					1-06011-C-0203-01-00D		