



CONSTRUCTION NOTES:

1. CASING PIPE TO BE PVC SDR 35 CONFORMING CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. PLUG OR CAP ALL ENDS OF CASING PIPE WITH PVC SDR 35 APPROVED FITTINGS.
3. FOR PIPE END MARKERS INSTALL 50X250 PLANKING FROM INVERT OF PIPE TO GROUND LEVEL.

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.

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

PIPE No.	DIAMETER	LENGTH	PIPE END	NORTHING	EASTING	INVERT
A	375	12.4	WEST	5524036.621	647774.351	230.543
			EAST	5524030.215	647784.969	230.543
B	375	12.0	WEST	5524029.074	647786.859	230.640
			EAST	5524022.875	647797.134	231.690
C	450	12.0	NORTH	5524040.357	647813.355	232.050
			SOUTH	5524029.110	647809.172	232.050
D	300	12.0	NORTH	5524040.096	647814.058	232.050
			SOUTH	5524028.848	647809.875	232.050
E	450	14.2	WEST	5524060.246	647827.928	231.950
			EAST	5524052.729	647839.986	232.568

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO M.T.S.	Light Standard	ANCHOR			
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE ASPHALT	POLE	CONTOURS			
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	RAIL X-ING SIGNAL	RAILWAY TRACK			
	MANHOLE		SURVEY BAR	DITCH				
	CATCH BASIN		ELEVATION					
	CURB INLET		TREE					
	JUNCTIONS		ANODE					
	CULVERT		CONCRETE SIDEWALK					
	GAS		FENCE					

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

NO.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	07/01/26	GSK

CH2M HILL
 Frederickson Cooper ARCHITECTS

EarthTech
 A Tyco International Ltd. Company

DESIGNED BY: GSK	CHECKED BY: KF
DRAWN BY: GDL	APPROVED BY: AHL
SCALE: 1:250	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE: 2006/11/21	DATE: 2006/01/26

ENGINEER'S SEAL
 ORIGINAL SIGNED BY
 F.W. FITCHETT
 2007/01/26

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WATER TREATMENT PLANT
 WTP OVERFLOW SUPERNATANT LINE

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER
 1-0601Y-C-C0212-001-000

CIVIL
 ENCASUREMENT PIPE
 OVERALL LAYOUT

CONSULTANT DRAWING NO.
 WY-C0212