



CONSTRUCTION NOTES:

1. ALL PVC PIPE SHALL HAVE CLASS B-TYPE 2 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
2. SEWER TO BE RENEWED BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
4. RENEW SEWER SERVICES TO PROPERTY LINE.
5. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
6. BACKFILL IN BOULEVARD TO BE CLASS 5.
7. CATCHBASIN LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

GENERAL NOTES

1. CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
2. PROVIDE VIDEO INSPECTION OF ALL SEWER SERVICES WITHIN LIMITS OF REPAIR IN PRESENCE OF CONTRACT ADMINISTRATOR TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.

SEWER SERVICE INFORMATION (S-MA50018785) *	
DISTANCE FROM 1ST MH E OF DAKOTA ST (S-MH50015063)	
3.6 W	JUNCTION S
33.1 W	SERVICE CONNECTION N
63.6 W	SERVICE CONNECTION S

EXISTING SEWER SERVICE LOCATION RECORDS		
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL
NO RECORDS	INFO NOT AVAILABLE	INFO NOT AVAILABLE

* - INFORMATION FROM SEWER VIDEO INSPECTION

* LOCATION OF SEWER SERVICE AT ? IS ASSUMED

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRANT	HYDRANT	150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT			HYDRANT		WATERMAIN	
	VALVE			VALVE		CONCRETE	
	LAND DRAINAGE SEWER			ASPHALT		PROPERTY LINE	
	WASTE WATER SEWER			SURVEY BAR		WASTE WATER SEWER	
	MANHOLE			SERVICE VALVE		CATCH BASIN	
	CURB INLET			I.P.S.		JUNCTIONS	
	CULVERT			BUILDING		CULVERT	
	GAS			EXISTING		PROPOSED	

UNDERGROUND STRUCTURES	
SUPV. U/G STRUCTURES COMMITTEE	DATE

NOTE:
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.

B.M. ELEV.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	HOR. SCALE	RELEASED FOR CONSTRUCTION	NO. REVISIONS	DATE	BY
	C.L.P.	A.J.P.	S.C.C.		1:500	ORIGINAL SIGNED BY KAS ZUREX, P. Eng.	1	06/28/07	SCC
					VERTICAL				

DATE	BY



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2007 SEWER REPAIRS
BELIVEAU ROAD
1ST MH E OF DAKOTA ST.
TO MH ON DAKOTA ST.

CITY DRAWING NUMBER
06075

SHEET **7** OF **13**

BID OPPORTUNITY
422-2007

CONSULTANT PROJECT NO.
07-7471-1000