



SEWER SERVICE INFORMATION (ID #MA-41437) *	
DISTANCE FROM 1ST MH W OF BRAZIER ST (MH ID #MH-78800)	
2.0 E	SERVICE CONNECTION S
2.7 E	SERVICE CONNECTION N
16.6 E	SERVICE CONNECTION N
17.5 E	SERVICE CONNECTION S
27.7 E	SERVICE CONNECTION N
29.9 E	SERVICE CONNECTION S
39.8 E	SERVICE CONNECTION N

\* - INFORMATION FROM SEWER VIDEO INSPECTION

- 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

EXISTING SEWER SERVICE LOCATION RECORDS			
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL	JUNCTION LOCATION
NO RECORDS	UNKNOWN	UNKNOWN	NO RECORDS

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

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

**HELMSDALE AVENUE**

NOTE: CHAINAGES ARE TAKEN FROM THE NORTH PL. HELMSDALE AVE.

UNDERGROUND STRUCTURES	
SUPV. U/G STRUCTURES COMMITTEE	DATE

B.M. ELEV.			
NO.	REVISIONS	DATE	BY
2	RELEASED FOR CONSTRUCTION	06/09/06	S.C.C.
1	SUBMITTED TO W&W FOR REVIEW	06/08/25	S.C.C.

DESIGNED BY	
CHECKED BY	APPROVED BY
S.C.C.	D.P.K.

**DILLON CONSULTING**

RELEASED FOR CONSTRUCTION  
ORIGINAL SIGNED BY KAS ZUREK, P.Eng.  
DATE: 06/09/11

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
ORIGINAL STAMPED BY  
D.P. KRAHN  
06/09/11  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

2006 SEWER RENEWALS AND REPAIRS CONTRACT 13  
HELMSDALE AVENUE  
1st MH W. OF BRAZIER ST TO MH AT BRAZIER ST

CITY DRAWING NUMBER 05934  
SHEET 2 OF 23  
BID OPPORTUNITY 560-2006

CONSULTANT DRAWING NO. 06-6064-02