



SEWER JUNCTION INFORMATION
REFERENCE MANHOLE MH20004069

DIST. FROM REF. MANHOLE	JUNCTION DIAM.	CLOCK REF.	SERVICE TYPE
1.2	100	02	JN
2.6	150	03	CN
6.5	150	10	CXI
13.5	100	09	JN
25.9	150	03	JN
26.2	200	09	CX
30.5	150	09	JN
42.3	150	09	JX
45.4	100	03	JN
61.2	100	02	CXI
63.2	150	03	JN
66.3	100	10	CXI
67.1	100	10	JN

ALL JUNCTION INFORMATION BASED ON CCTV INSPECTION

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 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

- NOTES:**
- STATIONS ALONG W.P. OF KNOX ST.
 - ALL SEWER SERVICES TO BE RENEWED TO P.
 - NEW SEWER TO BE INSTALLED BY TRENCHLESS METHODS.

BENCH MARK: N.W. COR. BUCHANAN BLVD. & FAIRLANE AVE., TBLT ON TOP OF 0.05m DIA. x 2.4m IRON PIPE ON W.L. OF BUCHANAN BLVD. & 2m S. OF N.L. FAIRLANE AVE.

WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) & TYPE (STREET)	DIST TO PROP	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
624 KNOX ST. RESIDENTIAL	19 COPPER	5.2	1.7 NSL BLDG	41.5 N 1ST HYD N OF PORTAGE AVE	-
632 KNOX ST. RESIDENTIAL	19 COPPER	5.2	2.8 NSL BLDG	60.7 N 1ST HYD N OF PORTAGE AVE	-
634 KNOX ST. RESIDENTIAL	19 COPPER	5.2	5.5 NSL BLDG	79.2 N 1ST HYD N OF PORTAGE AVE	-
3685 PROTAGE COMMERCIAL	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	-

SEWER SERVICE INFORMATION

ADDRESS	SIZE	PROPERTY LINE LOCATION	JUNCTION LOCATION
624 KNOX ST. RESIDENTIAL	UNKNOWN	NO INFO AVAILABLE	NO INFO AVAILABLE
632 KNOX ST. RESIDENTIAL	UNKNOWN	NO INFO AVAILABLE	NO INFO AVAILABLE
634 KNOX ST. RESIDENTIAL	UNKNOWN	NO INFO AVAILABLE	NO INFO AVAILABLE
3685 PROTAGE COMMERCIAL	UNKNOWN	NO INFO AVAILABLE	NO INFO AVAILABLE

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM	LOCATION APPROVED UNDERGROUND STRUCTURES
+	HYDRANT	+	M.T.S.	+	HYDRANT, VALVE	+	DATE
+	VALVE	+	CONCRETE	+	LAND DRAINAGE SEWER	+	DATE
+	LAND DRAINAGE SEWER	+	ASPHALT	+	WASTE WATER SEWER	+	DATE
+	WASTE WATER SEWER	+	SIDEWALK	+	Q PROFILE	+	DATE
○	MANHOLE	○	PROPERTY LINE	○	NORTH OR WEST GUTTER	○	DATE
□	CATCH BASIN	□	SURVEY BAR	□	SOUTH OR EAST GUTTER	□	DATE
▽	CURB INLET	▽	DITCH	▽	NORTH OR WEST P	▽	DATE
+	JUNCTIONS	+	CURB STOP	+	SOUTH OR EAST P	+	DATE
+	CULVERT	+	TREE	+	NORTH OR WEST DITCH	+	DATE
+	GAS	+	FENCE	+	SOUTH OR EAST DITCH	+	DATE
---	EXISTING LEGEND-PLAN	---	PROPOSED	---	EXISTING LEGEND-PROFILE	---	PROPOSED

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.

NO.	REVISIONS	DATE	BY

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY: K.T.C. CHECKED BY: J.K.H.
DRAWN BY: W.B.G. APPROVED BY: H.A.K.

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
H.A. KATZ
CONSULTANT DRAWING NO. C-206

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

2008 WATERMAIN RENEWALS, SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT 7
KNOX STREET
3RD MH S OF LAVINIA AVE TO MH AT LAVINIA AVE
3RD MH S OF LAVINIA AVENUE TO STA. 1+50
200 WASTEWATER SEWER RENEWAL

SHEET 6 OF 26
CAD FILE DRAWING NUMBER 10340c-206-702.dwg
CITY DRAWING NUMBER 08508

BID OPPORTUNITY 391-2008

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2009