



**SEWER JUNCTION INFORMATION\***

REF. MH	DIST FROM SIZE	CLOCK AT
REF. MH		
20903	5.40 150Ø	02
20903	6.20 150Ø	10
20903	13.40 150Ø	02
20903	14.30 150Ø	10
20903	21.10 150Ø	02
20903	21.80 150Ø	10
20903	29.60 150Ø	10
20903	36.90 150Ø	11
20903	38.30 150Ø	01
20903	42.20 200Ø	02
20903	43.00 200Ø	10
20903	51.50 150Ø	02
20903	52.40 150Ø	10
20903	60.20 150Ø	10
20903	67.00 150Ø	02
20903	67.70 150Ø	10
20903	73.30 150Ø	10
20903	75.00 150Ø	02
20903	75.70 150Ø	10
20903	89.40 150Ø	02
20903	92.40 150Ø	01
20903	94.00 150Ø	10
20903	97.90 150Ø	01

\*JUNCTION INFORMATION FROM VIDEO 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

**APEGM**  
Certificate of Authorization  
UMA Engineering Ltd.  
No. 256 Expiry: April 30, 2006

BID OPPORTUNITY NO. 598-2005

<p><b>LOCATION APPROVED</b> UNDERGROUND STRUCTURES</p> <p>SUPR. U/G STRUCTURES DATE COMMITTEE</p> <p><b>NOTE:</b> 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.</p>	<p>BM 28-017 ELEV 230.814</p> <p>S.E. Cor. Grey St. &amp; Harbison Ave., bolt in 7.3 m Conc. pile, 2.6 m W. of E.L. of Grey St. &amp; 0.6 m S. of S.L. of Harbison.</p>	<p><b>UMA   AECOM</b></p> <p>© 2005 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.</p>		<p>PROFESSIONAL'S SEAL</p> <p>CONSULTANT DRAWING NO. 05 D265-195-03</p>	<p><b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT</p> <p><b>2005 COMBINED SEWER RENWALS BY EXTERNAL POINT REPAIRS AND REPLACEMENTS CONTRACT 17</b></p> <p>HARBISON AVENUE EAST 1ST MH E OF GATEWAY ROAD TO 1ST MH W OF GREY STREET</p>	<p>SHEET 05 OF 21</p>																				
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