



**SEWER JUNCTION INFORMATION\***

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
20815	9.40	100Ø	01
20815	22.10	100Ø	11
20815	22.30	100Ø	02
20815	30.90	100Ø	10
20815	39.50	150Ø	10
20815	39.80	150Ø	02
20815	47.80	100Ø	11
20815	66.50	100Ø	10

\*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

LOCATION APPROVED UNDERGROUND STRUCTURES	
SUPR. U/G STRUCTURES	DATE COMMITTEE

**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.

BM 28-009	Bolt in 7.6 m Conc. pile, 0.9 m S. of S.L. of ELEV 231.170m	Talbot Ave. & 2.6 m W. of E.L. of Kent Rd.
NO.	REVISIONS	YY/MM/DD BY
0	ISSUED FOR CONSTRUCTION	05/10/14 KMB

UMA   AECOM	
© 2005 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.	
DESIGNED BY	ALD / MJR
CHECKED BY	<i>[Signature]</i>
DRAWN BY	KMB
APPROVED BY	<i>[Signature]</i>
HOR. SCALE	1:500
RELEASED FOR CONSTRUCTION	<i>[Signature]</i>
DATE	05/10/14

PROFESSIONAL'S SEAL

CONSULTANT DRAWING NO. 08  
D265-195-03

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

**2005 COMBINED SEWER RENEWALS**  
**BY EXTERNAL POINT REPAIRS AND REPLACEMENTS**  
**CONTRACT 17**

**KENT ROAD**  
MH AT BEACH AVENUE  
TO MH AT MANHATTAN AVENUE

SHEET 08 OF 21	REV 0
CITY DRAWING NUMBER	05674