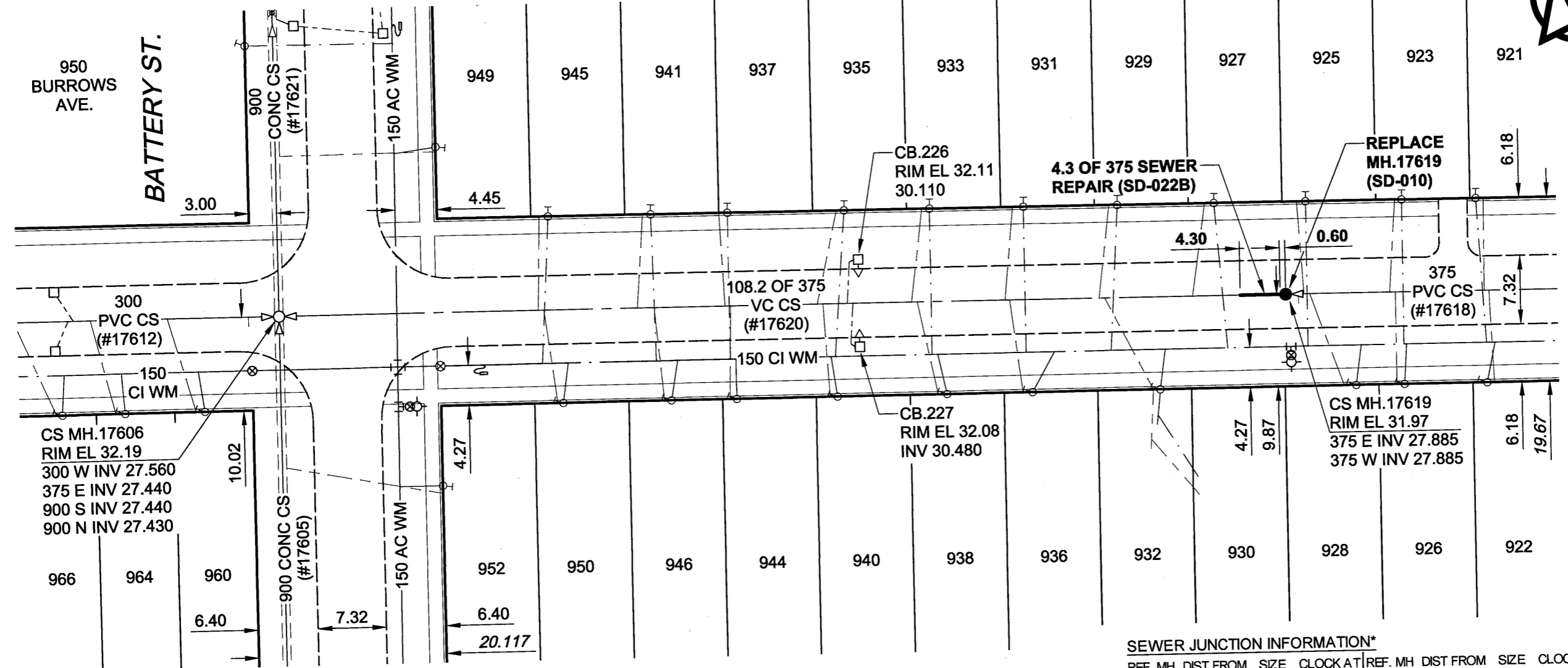
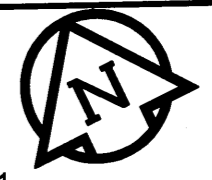


B SIZE 11" x 17" (279mm x 432mm)

UMA FILE NAME: D265-107-02 13-C-1012 RX.DWG 2004-05-27 8:58pm ADL

MAGNUS AVENUE



**SEWER JUNCTION INFORMATION\***

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT	REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
17619	10.00	150Ø	02	17619	49.60	150Ø	11
17619	19.40	150Ø	11	17619	50.20	150Ø	02
17619	20.00	150Ø	02	17619	59.50	150Ø	11
17619	29.60	150Ø	11	17619	60.10	150Ø	02
17619	30.10	150Ø	03	17619	67.70	150Ø	11
17619	39.50	150Ø	10	17619	79.50	150Ø	10
17619	40.10	150Ø	03	17619	80.10	150Ø	02
17619	46.40	250Ø	10	17619	92.40	150Ø	12
17619	47.00	250Ø	02				

\*JUNCTION LOCATION 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

**APECA**  
 Certificate of Authorization  
 UMA Engineering Ltd.  
 No. 256 Expiry: April 30, 2005

BID OPPORTUNITY NO. 271-2004

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPR. 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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	04/05/31	ADL

**UMA**  
 www.umagroup.com  
 2004 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.

DESIGNED BY	ALD	CHECKED BY	<i>Ami</i>
DRAWN BY	ADL	APPROVED BY	<i>CCM</i>
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	<i>[Signature]</i>
VERT. SCALE		DATE	<i>May 2004</i>

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 C. C. MACEY  
 REGISTERED ENGINEER  
 CONSULTANT DRAWING NO. 12  
 D265-107-02

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

2004 COMBINED SEWER RENEWALS  
 CONTRACT 13  
 SEWER REPAIRS AND REPLACEMENTS  
 MAGNUS AVENUE  
 BATTERY STREET  
 TO 62m W OF ARTILLERY STREET

SHEET 12 OF 17
CITY DRAWING NUMBER 05474
REV 0