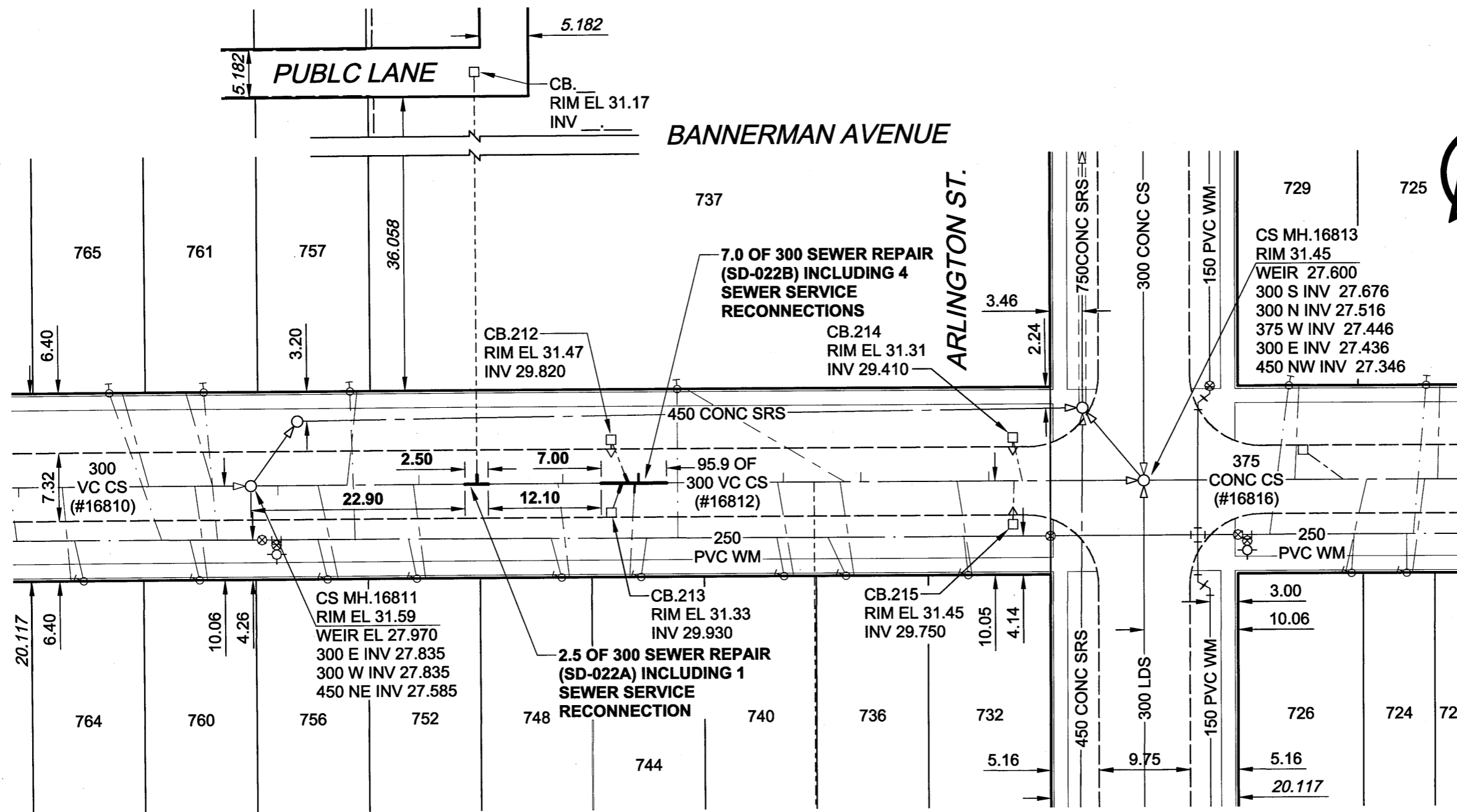


B SIZE 11" x 17" (279mm x 432mm)

UMA FILE NAME: D265-107-02\_13-C-1003\_RX.DWG 2004-05-28 11:50am ADL



**SEWER JUNCTION INFORMATION\***

REF. MH	REF. MH DIST FROM	SIZE	CLOCK AT
16811	2.90	150Ø	02
16811	7.20	150Ø	02
16811	10.30	150Ø	10
16811	17.40	150Ø	02
16811	18.00	150Ø	10
16811	24.20	150Ø	10
16811	32.90	150Ø	01
16811	33.40	150Ø	10
16811	39.70	200Ø	02
16811	40.40	250Ø	10
16811	41.10	150Ø	02
16811	41.50	150Ø	10
16811	56.40	150Ø	02
16811	57.00	150Ø	10
16811	60.30	200Ø	02
16811	63.10	150Ø	02
16811	63.60	150Ø	10
16811	65.30	150Ø	10
16811	75.60	200Ø	03
16811	79.00	150Ø	10
16811	81.70	200Ø	02
16811	82.60	150Ø	10

\*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

**APEGM**  
 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 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 25-028 ELEV 231.244m	N.W. Cor. Bannerman Ave. & Arlington St. Brass plug in 4.6m Conc. pile, 2.4m E. of W.L. of Arlington St. & 0.3m N. of N.L. of Bannerman Ave.
0	ISSUED FOR CONSTRUCTION 04/05/31 ADL
NO.	REVISIONS YY/MM/DD BY DATE



2004 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.

DESIGNED BY	ALD	CHECKED BY	<i>[Signature]</i>
DRAWN BY	ADL	APPROVED BY	<i>[Signature]</i>
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	<i>[Signature]</i>
VERT. SCALE		DATE	May 28 2004

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 C.C. MACEY  
 REGISTERED ENGINEER  
 CONSULTANT DRAWING NO. 03  
 D265-107-02

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

**2004 COMBINED SEWER RENEWALS**  
**CONTRACT 13**  
**SEWER REPAIRS AND REPLACEMENTS**  
 BANNERMAN AVENUE  
 72m E OF SINCLAIR STREET  
 TO ARLINGTON STREET

SHEET 03 OF 17
CITY DRAWING NUMBER
<b>05465</b>
REV 0