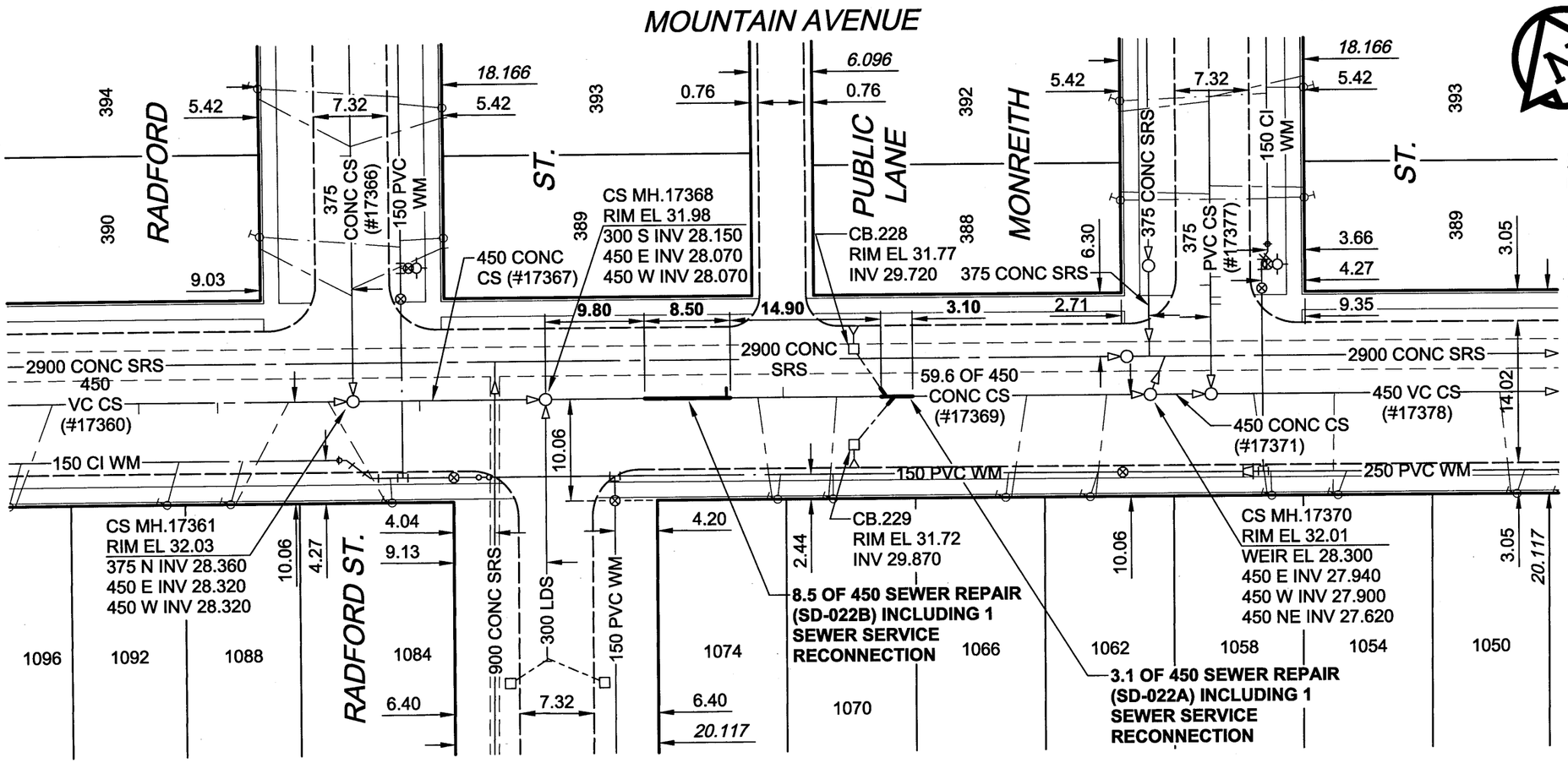
B SIZE 11" x 17" (279mm x 432mm)



SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
17368	17.90	150Ø	10
17368	21.00	150Ø	03
17368	23.50	150Ø	10
17368	28.80	150Ø	02
17368	33.70	150Ø	10
17368	34.50	150Ø	02
17368	47.60	150Ø	02
17368	55.50	150Ø	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

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 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.

BM 25-019 ELEV 232.038m — S.E. Cor. Mountain Ave. & Radford St., Brass plug in 7.3m Conc. pile, 2.6m W. of E.L. of Radford St. & 0.6m S. of S.L. Mountain Ave.

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	04/05/31	ADL

uma
www.umagroup.com

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DESIGNED BY	ALD	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERT. SCALE			
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — C. C. MACEY — REGISTERED ENGINEER

CONSULTANT DRAWING NO. 13
D265-107-02

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
CONTRACT 13
SEWER REPAIRS AND REPLACEMENTS

MOUNTAIN AVENUE
42m E OF TINNISWOOD STREET
TO 42m W OF DALTON STREET

SHEET 13 OF 17

CITY DRAWING NUMBER 05475 REV 0

UMA FILE NAME: D265-107-02_13-C-1013_RX.DWG 2004-05-27 9:03pm RG