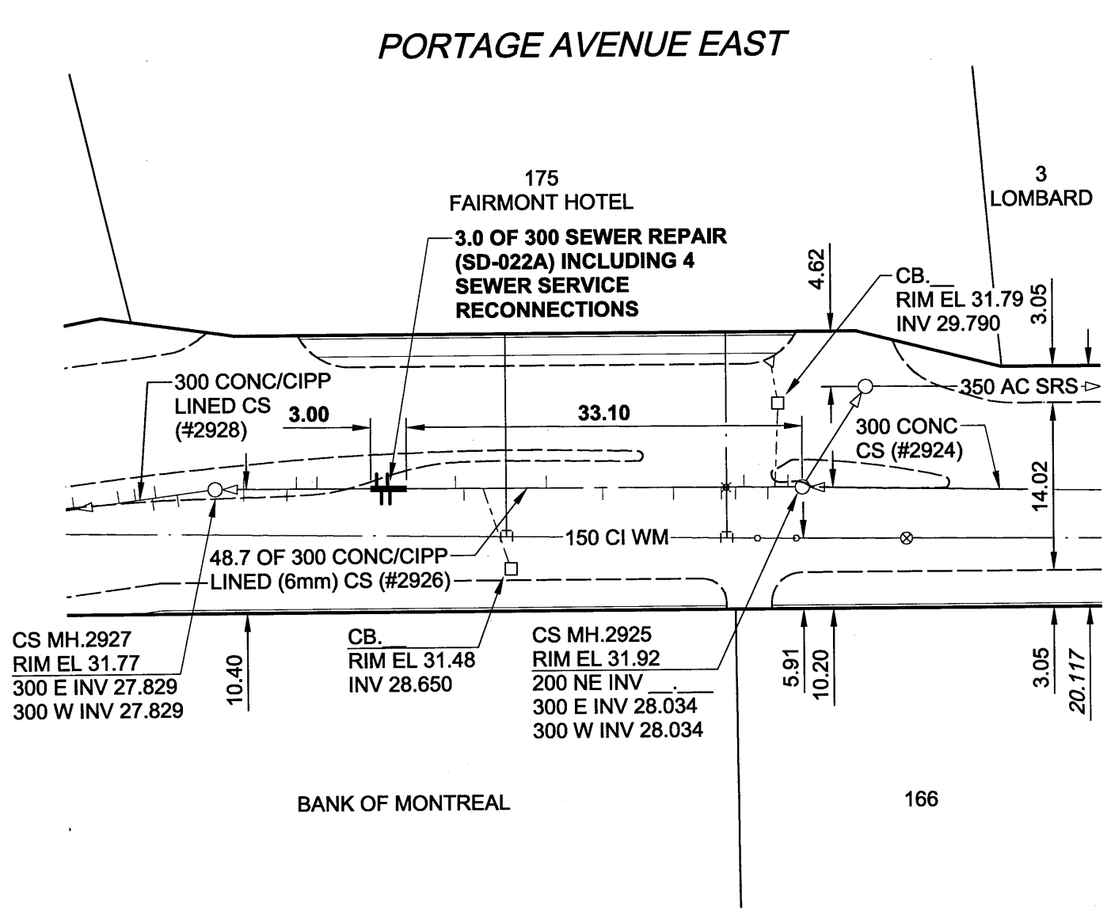
B SIZE 11" x 17" (279mm x 432mm)



SEWER JUNCTION INORMATION*

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
2925	1.20	100Ø	03
2925	2.30	150Ø	02
2925	2.90	150Ø	10
2925	4.90	150Ø	03
2925	5.60	100Ø	10
2925	6.40	100Ø	12
2925	6.80	100Ø	10
2925	10.80	150Ø	10
2925	16.70	200Ø	09
2925	21.40	100Ø	02
2925	26.70	150Ø	09
2925	28.30	100Ø	09
2925	29.00	150Ø	02
2925	34.50	200Ø	10
2925	34.70	150Ø	02
2925	35.20	100Ø	10
2925	35.60	150Ø	02
2925	40.60	150Ø	02
2925	42.30	150Ø	02
2925	43.10	150Ø	11
2925	46.70	100Ø	02
2925	46.70	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 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 35-006 Chrome Tblt. in Ely. wall of Richardson Bldg., No. 1 Lombard Place, 4.1m N. of SEly. Cor.of Bldg.
ELEV 232.063m

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
28 MAY 04
C. C. MACEY
REGISTERED ENGINEER

CONSULTANT DRAWING NO. 15
D265-107-02

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
CONTRACT 13
SEWER REPAIRS AND REPLACEMENTS
PORTAGE AVENUE EAST
20m E OF MAIN STREET
TO 113m W OF WESTBROCK STREET

SHEET 15 OF 17

CITY DRAWING NUMBER
05477
REV 0

UMA FILE NAME: D265-107-02_13-C-1015_RX.DWG 2004-05-27 9:08pm ADL