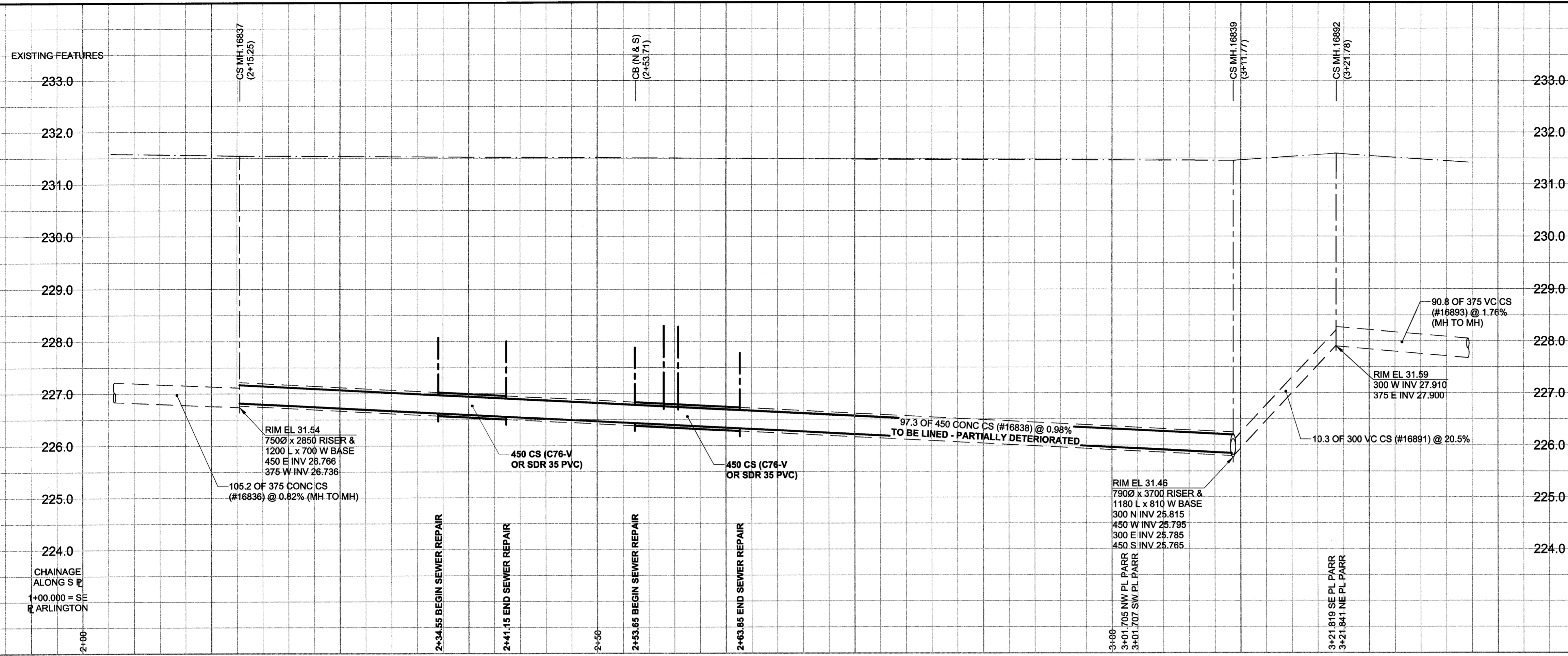


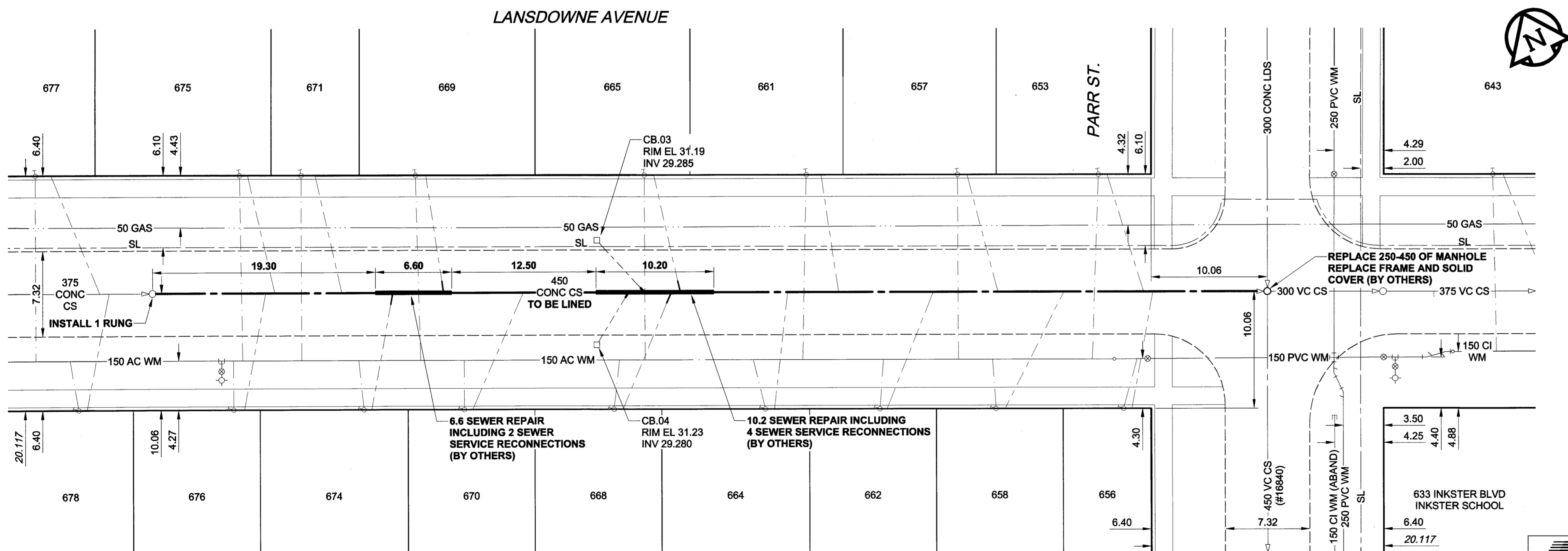
D SIZE 22" x 34" (559mm x 864mm)



SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM	SIZE	CLOCK AT
16837	9.10	1500	01
16837	9.80	1500	01
16837	10.60	1500	10
16837	16.40	1500	10
16837	20.80	1500	02
16837	25.20	1500	11
16837	32.10	1500	01
16837	41.20	2000	02
16837	42.60	2000	10
16837	45.70	1500	11
16837	55.00	1500	01
16837	59.40	1500	11
16837	67.60	1500	01
16837	73.20	1500	11
16837	78.90	1500	01
16837	85.80	1500	11
16837	86.60	1500	01

*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 14092 FOR DETAILS

150 mm WM	WATERMAIN	150 mm WM	CURB STOP	150 mm WM	WATERMAIN	150 mm WM	LOCATION APPROVED
	HYDRANT		REDUCER		LAND DRAINAGE SEWER		UNDERGROUND STRUCTURES
	VALVE		COUPLING		WASTE WATER SEWER		DATE
	LAND DRAINAGE SEWER		MTS		PAVEMENT CROWN		SUPR. U/G STRUCTURES COMMITTEE
	WASTE WATER SEWER		GAS		GROUNDLINE		NOTE:
	MANHOLE		ASPHALT				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.
	CATCH BASIN		CONCRETE				
	CURB INLET		LIP CURB				
	CULVERT		MODIFIED BARRIER CURB				
	COMMUNITY MAILBOX		RAMP CURB				
	SURVEY BAR						
	LEGEND - PLAN		LEGEND - PLAN		LEGEND - PROFILE		

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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



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DESIGNED BY	ALD	CHECKED BY	ADL
DRAWN BY	ADL	APPROVED BY	CCM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50	DATE	May 2004

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
 28 MAY 04
 C. C. MACEY
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. 02
 D265-107-01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
CONTRACT 12
SEWER LINING

LANSDOWNE AVENUE
 83m E OF ARLINGTON STREET
 TO PARR STREET

SHEET 02 OF 08
 CITY DRAWING NUMBER
05456
 REV 0

BID OPPORTUNITY NO. 240-2004

UMA FILE NAME: D265-107-01_12-C-1002_RX.DWG 2004-05-27 5:22pm ADL