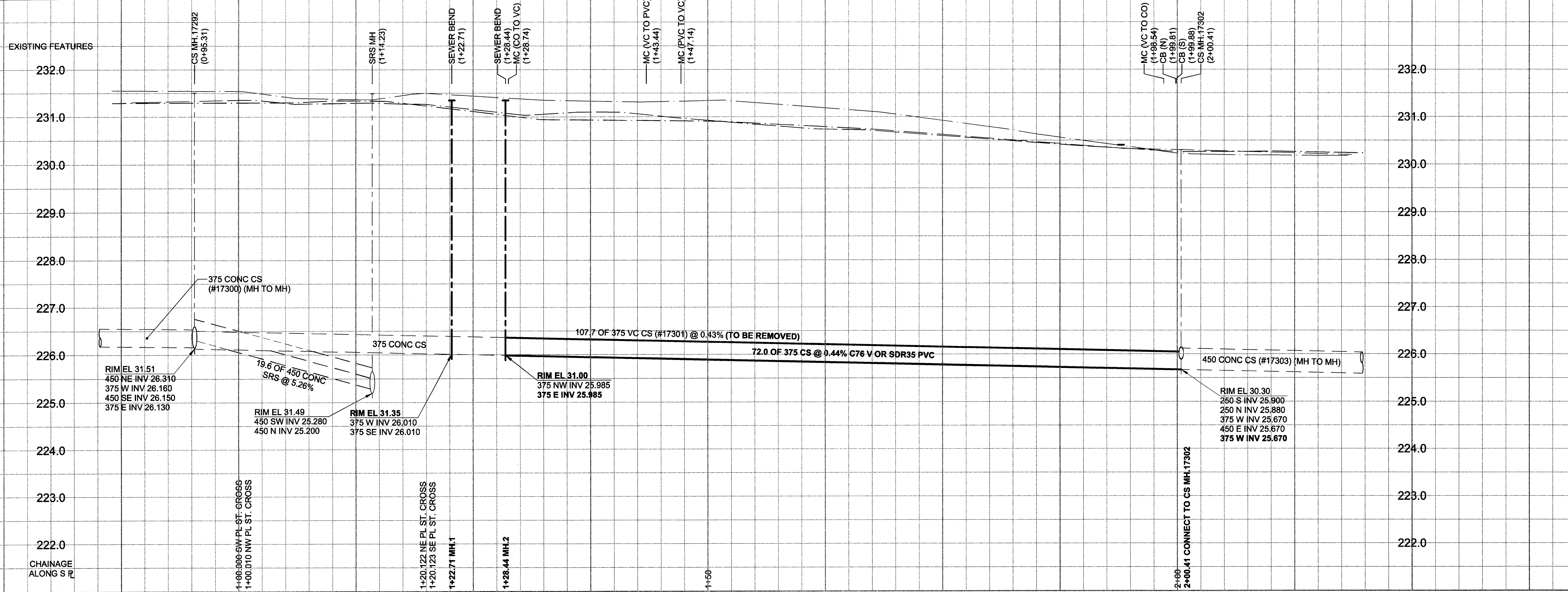


D SIZE 22" x 34" (559mm x 864mm)

UMA FILE NAME: D265-107-02-13-C-1004_RX.DWG 2004-05-28 11:42am ADL



WATER SERVICE INFORMATION

ADDRESS	DISTANCE SHORT & LONG	PROPERTY MEASUREMENT	REMARKS
47 CATHEDRAL (RESIDENTIAL)	0.31	2.45	WEL LOT CC LOCATION FROM LBIS
48 CATHEDRAL (RESIDENTIAL)	0.56	3.28	WEL LOT CC LOCATION FROM LBIS
49 CATHEDRAL (RESIDENTIAL)	80.64	EEL SCOTIA	WATER SERVICE FROM LBIS
50 CATHEDRAL (RESIDENTIAL)	0.59	1.17	EVL LOT CC LOCATION FROM LBIS
51 CATHEDRAL (RESIDENTIAL)	0.51	3.04	WEL LOT CC LOCATION FROM LBIS
52 CATHEDRAL (RESIDENTIAL)	66.00	EEL SCOTIA	WATER SERVICE FROM LBIS
53 CATHEDRAL (RESIDENTIAL)	0.56	0.59	EEL LOT CC LOCATION FROM LBIS
54 CATHEDRAL (RESIDENTIAL)	61.59	EEL SCOTIA	CC LOCATION FROM LBIS
55 CATHEDRAL (RESIDENTIAL)	0.67	2.84	WEL LOT CC LOCATION FROM LBIS
56 CATHEDRAL (RESIDENTIAL)	48.52	EEL SCOTIA	WATER SERVICE FROM LBIS
57 CATHEDRAL (RESIDENTIAL)			WATER SERVICE FROM LBIS
58 CATHEDRAL (RESIDENTIAL)			WATER SERVICE FROM LBIS
59 CATHEDRAL (RESIDENTIAL)	0.84	4.85	WEL LOT CC LOCATION FROM LBIS
60 CATHEDRAL (RESIDENTIAL)	7.43	EVL LOT	CC LOCATION FROM LBIS
61 CATHEDRAL (RESIDENTIAL)	0.43	7.43	EVL LOT CC LOCATION FROM LBIS
62 CATHEDRAL (RESIDENTIAL)	22.67	EEL SCOTIA	CC LOCATION FROM LBIS
63 CATHEDRAL (RESIDENTIAL)	0.77	2.02	WEL LOT CC LOCATION FROM LBIS
64 CATHEDRAL (RESIDENTIAL)	28.49	EEL SCOTIA	WATER SERVICE FROM LBIS
65 CATHEDRAL (RESIDENTIAL)	96.00	1500	10
66 CATHEDRAL (RESIDENTIAL)	0.26	4.87	WEL LOT CC LOCATION FROM LBIS
67 CATHEDRAL (RESIDENTIAL)	10.38	EEL SCOTIA	

SEWER JUNCTION INFORMATION*

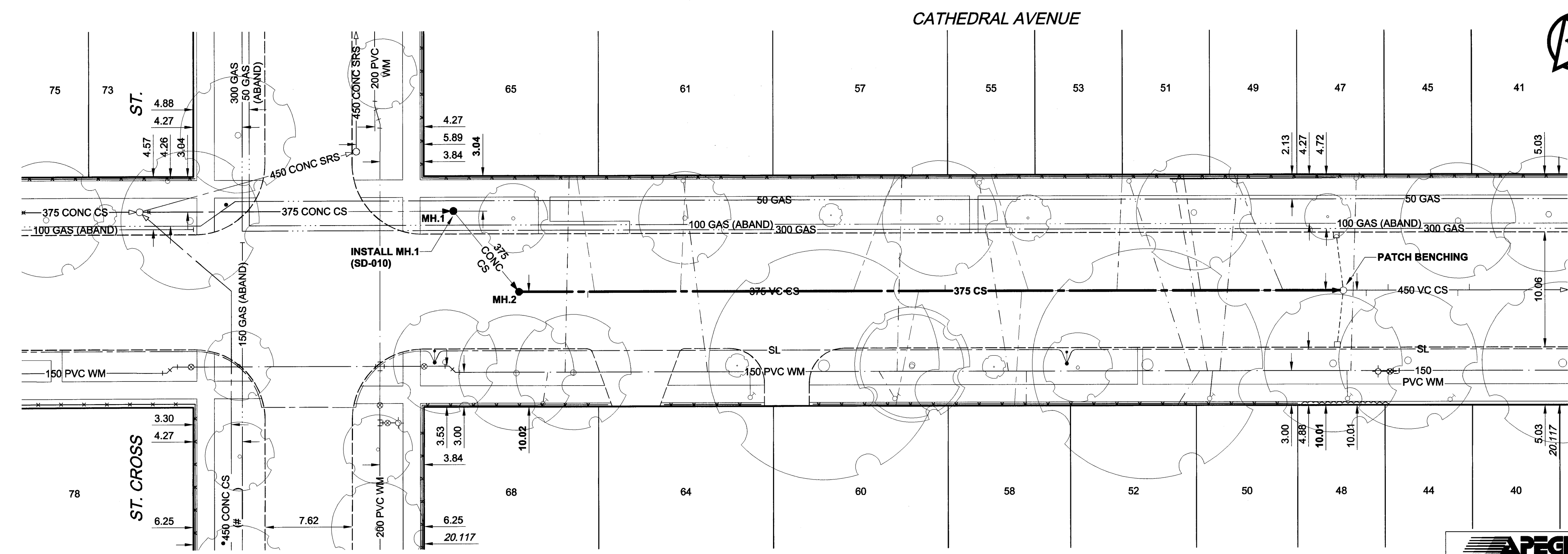
REF. MH	REF. MH	SIZE	CLOCK AT
20844	0.80	1500	12
20844	42.50	1500	02
20844	43.10	1500	10
20844	50.60	1500	10
20844	54.00	1500	03
20844	65.60	1500	01
20844	65.70	1500	12
20844	71.40	1500	02
20844	73.70	1500	10
20844	80.40	1500	02
20844	81.00	1500	10
20844	88.70	1500	10
20844	95.20	1500	01
20844	96.00	1500	10
20844	103.20	1500	10

*JUNCTION LOCATION FROM VIDEO INSPECTION

SEWER SERVICE INFORMATION

ADDRESS	FL TIE (SHORT/LONG)	JUNCTION TIE	REMARKS
47 CATHEDRAL	2.14 WEL LOT		
48 CATHEDRAL	2.14 EVL LOT	3.06 WEL LOT	
49 CATHEDRAL	2.14 EVL LOT	5.27 W OF 1ST MH W OF SCOTIA	
50 CATHEDRAL			NO INFO
51 CATHEDRAL	12.50 W OF 1ST MH W OF SCOTIA		LOCATION @ FL FROM LBIS
52 CATHEDRAL			NO INFO
53 CATHEDRAL	19.77 W OF 1ST MH W OF SCOTIA		LOCATION @ FL FROM LBIS
54 CATHEDRAL	3.81 EVL LOT	27.47 W OF 1ST MH W OF SCOTIA	
55 CATHEDRAL	4.57 WEL LOT	42.77 W OF 1ST MH W OF SCOTIA	
56 CATHEDRAL	4.89 WEL LOT	28.07 W OF 1ST MH W OF SCOTIA	
57 CATHEDRAL	4.57 WEL LOT	37.07 W OF 1ST MH W OF SCOTIA	
58 CATHEDRAL	7.63 EVL LOT	57.87 W OF 1ST MH W OF SCOTIA	
59 CATHEDRAL	1.90 WEL LOT	65.40 W OF 1ST MH W OF SCOTIA	
60 CATHEDRAL			NO INFO
61 CATHEDRAL	1.90 WEL LOT	65.40 W OF 1ST MH W OF SCOTIA	
62 CATHEDRAL			NO INFO
63 CATHEDRAL			NO INFO
64 CATHEDRAL			NO INFO
65 CATHEDRAL			NO INFO
66 CATHEDRAL			NO INFO
67 CATHEDRAL			NO INFO
68 CATHEDRAL			NO INFO

- CONSTRUCTION NOTES:**
- INSTALL NEW SEWER BY TRENCHLESS METHODS INCLUDING REMOVAL OF EXISTING PIPE.
 - CONNECT EXISTING SEWER SERVICES TO NEW SEWER.
 - ALL SEWER AND WATER SERVICES TO BE LOCATED IN THE FIELD BY THE CONTRACTOR.



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

150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM	150 mm WM
WATERMAIN	HYDRANT	VALVE	LAND DRAINAGE SEWER	WASTE WATER SEWER	MANHOLE	CATCH BASIN	CURB INLET	CULVERT	COMMUNITY MAILBOX
REDUCER	COUPLING	HYDRO	PAVEMENT CROWN	NORTH/WEST P	SOUTH/EAST P	GROUNDLINE	ASPHALT	CONCRETE	LIP CURB
MODIFIED BARRIER CURB	RAMP CURB	LEGEND - PLAN	LEGEND - PROFILE	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING

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 26-038 ELEV 230.264m	E. side Scotia St. @ Cathedral Ave., Tblt. in N. Conc. foundation No. 1 Scotia St., 1.8m E. & 0.2m below wood siding of N.W. Cor. of dwelling.
0	ISSUED FOR CONSTRUCTION 04/05/31 ADL
NO.	REVISIONS Y/M/MDD BY

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

UMA
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DESIGNED BY: ALD
 DRAWN BY: ADL
 HOR. SCALE: 1:250
 VERT. SCALE: 1:50

CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 RELEASED FOR CONSTRUCTION: [Signature]
 DATE: [Signature]

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

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
 CONTRACT 13
 SEWER REPAIRS AND REPLACEMENTS

CATHEDRAL AVENUE
 ST. CROSS STREET
 TO 60m W OF SCOTIA STREET

SHEET 04 OF 17
 CITY DRAWING NUMBER
05466
 REV 0

BID OPPORTUNITY NO. 271-2004