

HOUSE No.	SIZE	JUNCTION LOCATION	PL INV	LOCATION AT PROPERTY LINE	COMMENTS
No. 665	150	SMS - 2.2 W OF 2ND MH OF DALY	-	-	
No. 667	150	SMS - 7.4 W OF 1ST MH OF COCKBURN	-	-	
No. 669	-	68.9 E OF 1ST MH OF COCKBURN	-	7.6 WEL.	Wye service with 671
No. 671	-	SEE #669	-	-	
No. 677	-	53.8 E OF 1ST MH OF COCKBURN	-	2.1 BNL.	
No. 679	-	48.3 E OF 1ST MH OF COCKBURN	-	2.1 BNL.	
No. 681	-	38.7 E OF 1ST MH OF COCKBURN	-	2.1 BNL.	
No. 685	-	23.2 E OF 1ST MH OF COCKBURN	-	3.2 BNL.	
No. 689	-	15.8 E OF 1ST MH OF COCKBURN	-	4.6 WEL.	
No. 691	150	8.5 E OF 1ST MH OF COCKBURN	-	-	
No. 695	-	1.5 E OF 1ST MH OF COCKBURN	-	5.8 WEL.	
No. 697	150	SMS - 7.4 W OF 1ST MH OF COCKBURN	-	-	

* TO BE DETERMINED IN FIELD IF SERVICES CAN BE SEPARATED

MANHOLE NUMBER	MANHOLE TYPE	WORK REQUIRED
18760	PRECAST	NO REPAIRS REQUIRED
18762	PRECAST	GROUT TOP 1m

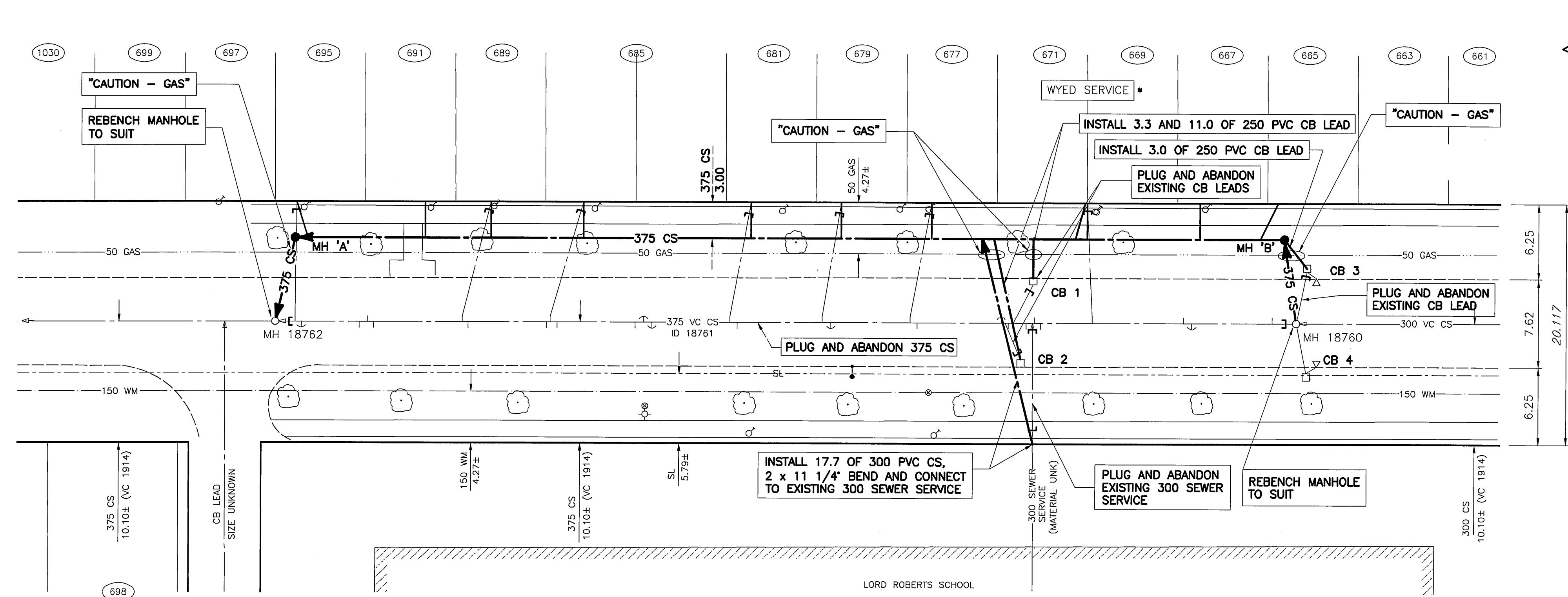
CATCHBASIN NUMBER	WORK REQUIRED
CB 1	NO REPAIRS REQUIRED
CB 2	NO REPAIRS REQUIRED
CB 3	INSTALL 5 RUNGS
CB 4	INSTALL 5 RUNGS, INSTALL HOOD

GENERAL NOTES:

- CHAINAGE IS ALONG NORTH PROPERTY LINE OF RATHGAR AVENUE.

CONSTRUCTION NOTES:

- ALL BACKFILL IN BOULEVARDS TO BE CLASS 5.
- ALL BACKFILL IN PAVEMENT TO BE CLASS 3.
- INSTALL SEWER USING TRENCHLESS METHODS.
- INSTALL NEW SEWER SERVICES TO PROPERTY LINE.
- ALL CATCHBASIN LEADS ARE 250 PVC AT A MINIMUM 1.0% UNLESS OTHERWISE NOTED.
- CONFIRM LOCATION OF ALL SEWER SERVICES WITHIN RENEWAL LIMITS.



RATHGAR AVENUE

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	ANCHOR	ANCHOR	ANCHOR	15.240	LEGAL DIMENSION	LEGAL DIMENSION
400 FM	FEEDERMAIN	400 FM	TREE	TREE	TREE			
300 LDS	LAND DRAINAGE SEWER	300 LDS	CURB STOP	CURB STOP	CURB STOP			
250 WWS	WASTEWATER SEWER	250 WWS	PLUG	PLUG	PLUG			
300 CS	COMBINED SEWER	300 CS	MANHOLE	MANHOLE	MANHOLE			
200 FCM	FORCEMAIN	200 FCM	CATCHBASIN	CATCHBASIN	CATCHBASIN			
	JUNCTIONS		CURB INLET	CURB INLET	CURB INLET			
	HYDRANT		ADDRESS	ADDRESS	ADDRESS			
	VALVE		HYDRO POLE	HYDRO POLE	HYDRO POLE			
	REDUCER		LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD			

SUPV. 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.

NO.	REVISIONS	DATE	BY
	ISSUED FOR TENDER	05.10.27	LC
	REVISED AS PER CITY COMMENTS	05.09.30	GS
	ISSUED FOR APPROVAL	05.08.15	GS

WARDROP Engineering Inc.

DESIGNED BY: GWC
 CHECKED BY: [Signature]
 DRAWN BY: NL
 APPROVED BY: [Signature]
 HOR. SCALE: 1 : 250
 VERTICAL: 1 : 50
 DATE: 05.07.11



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2005 COMBINED SEWER RENEWALS AND SEWER REPAIRS - CONTRACT No. 16

RATHGAR AVENUE
 2nd MANHOLE WEST OF DALY ST S TO
 3rd MANHOLE WEST OF DALY ST S

CITY DRAWING NUMBER: 05637
 SHEET: 5 OF 11
 C5005