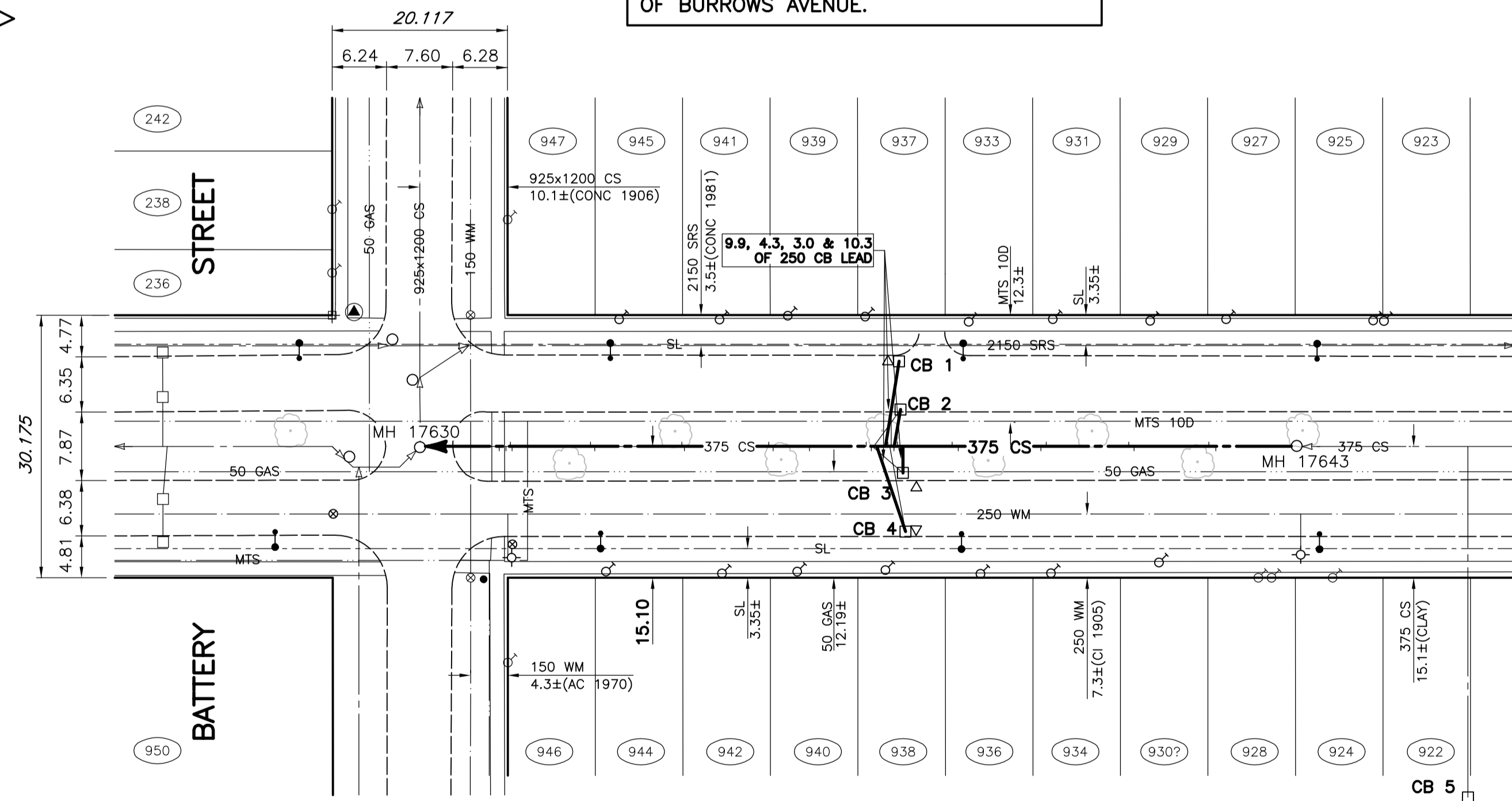


NOTE:
CHAINAGE IS ALONG SOUTH PROPERTY LINE
OF BURROWS AVENUE.



BURROWS AVENUE

NOTE
ON-LINE RENEWAL

- CONSTRUCTION NOTES**
- ALL BACKFILL UNDER PAVEMENT TO BE CLASS 3.
 - ALL BACKFILL IN BOULEVARDS TO BE CLASS 5.
 - ALL BACKFILL IN SIDEWALKS TO BE CLASS 3.
 - ALL PIPE UNDER EXISTING PAVEMENT OR OTHER SURFACE OBSTRUCTIONS TO BE INSTALLED USING TRENCHLESS METHODS. WHERE NOT POSSIBLE, OPEN CUT WITH CLASS 3 BACKFILL.
 - CONTRACTOR SHALL RENEW ALL SEWER SERVICES TO THE PROPERTY LINE.
 - ALL CATCHBASIN LEADS TO BE 250mm AT A MINIMUM 1.0% UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO CONFIRM LOCATION OF ALL SEWER AND WATER SERVICES.

SEWER CONNECTION DATA				
ADDRESS	SIZE	PROPERTY LINE INVERT	PROPERTY LINE TIE	JUNCTION TIE
No. 947 BURROWS AV			SERVICED OFF OF BATTERY ST	
No. 946			SERVICED OFF OF BATTERY ST	
No. 945	150	UNKNOWN	2.1 EWL	19.6 TO DS MH
No. 944	150	UNKNOWN	0.7 EWL	20.1 TO DS MH
No. 942	150	UNKNOWN	4.2 EWL	30.4 TO DS MH
No. 941	150	UNKNOWN	3.6 EWL	30.1 TO DS MH
No. 940	150	UNKNOWN	2.9 EWL	40.6 TO DS MH
No. 939	150	UNKNOWN	2.9 EWL	40.1 TO DS MH
No. 938	150	UNKNOWN	3.8 EWL	51.9 TO DS MH
No. 937	150	UNKNOWN	3.0 EWL	51.3 TO DS MH
No. 936	150	UNKNOWN	4.3 EWL	61.9 TO DS MH
No. 934	150	UNKNOWN	1.6 EWL	71.4 TO DS MH
No. 933	150	UNKNOWN	2.8 EWL	61.1 TO DS MH
No. 931	150	UNKNOWN	2.1 EWL	72.0 TO DS MH
No. 930	150	UNKNOWN	3.1 EWL	82.1 TO DS MH
No. 929	150	UNKNOWN	3.3 EWL	81.5 TO DS MH
No. 928	150	UNKNOWN	5.0 EWL	91.5 TO DS MH
No. 927	150	UNKNOWN	1.4 EWL	90.7 TO DS MH

CATCHBASIN INFORMATION	
CATCHBASIN NUMBER	ADDITIONAL INFORMATION
CB 1	GROUT. INSTALL 5 RUNGS.
CB 2	GROUT. INSTALL 5 RUNGS.
CB 3	INSTALL 4 RUNGS.
CB 4	GROUT. INSTALL 2 RUNGS.
CB 5	REPLACE TOP 0.3 RISER. INSTALL 4 RUNGS.

MANHOLE INFORMATION		
MANHOLE NUMBER	MANHOLE TYPE	ADDITIONAL INFORMATION
17630	CAST IN PLACE	REPLACE TOP 0.45 OF RISER
17643	CAST IN PLACE	NO WORK REQUIRED



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

LOCATION APPROVED UNDERGROUND STRUCTURES

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

WARDROP Engineering Inc.

DESIGNED BY TY
DRAWN BY GEL
HOR. SCALE: 1 : 500
VERTICAL: 1 : 50

CHECKED BY HAK
APPROVED BY E. SHARP
RELEASED FOR CONSTRUCTION K. ZUREK

DATE 04.04.20
DATE 04.07.19

ORIGINAL DRAWING REVISION " " SEALED BY HARTLEY KATZ 04.07.19

CONSULTANT DRAWING NO. 0400120800-DWG-C1008

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS FULL SEGMENT REPLACEMENT

BURROWS AVENUE
MANHOLE AT BATTERY STREET TO 1ST MANHOLE EAST OF BATTERY STREET

CITY DRAWING NUMBER 05421
SHEET 8 OF 11
C1008