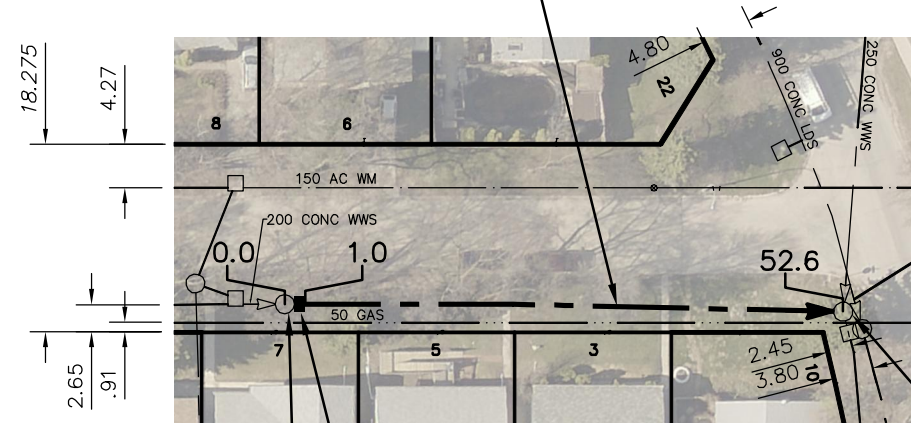




# CARRIAGE BAY

**52.6 OF 200 CONC WWS TO BE LINED  
PARTIALLY DETERIORATED  
S-MA20000310**



S-MH20000252  
RIM 235.93  
INV E 233.75  
INV W 233.75

S-MH20000247  
RIM 235.63  
INV N 232.20  
INV S 232.20  
INV W 232.20

**1.0 OF 200 SDR35 PVC SEWER REPAIR  
(TO BE DONE BY OTHER)**

HERITAGE BLVD

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA20000310		
DISTANCE FROM MH ID S-MH20000247		
DISTANCE	DIAMETER	CLOCK
9.5	150	10
24.2	150	10
26.4	150	2
40.5	150	10
****REVERSAL REQUIRED****		

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA20000310		
DISTANCE FROM MH ID S-MH20000252		
DISTANCE	DIAMETER	CLOCK
NO SERVICE JUNCTIONS		
****REVERSAL REQUIRED****		

### WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

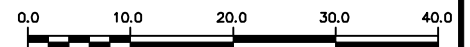
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE  
11551

### METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED  
UNDERGROUND STRUCTURES

SUPV. 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.

B.M.  
ELEV.

NO.	REVISIONS	DATE	BY

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	RJ	APPROVED BY	KZ
SCALE:	1:750	RELEASED FOR CONSTRUCTION	K. ZUREK
HORIZONTAL		DATE	2017 06 06
VERTICAL		DATE	2017 07 04

PLOT DATE: 2017 07 04

ENGINEER'S SEAL

ORIGINAL  
SIGNED BY  
S.R.J.  
COURNOYER  
17/06/05

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 343-2017  
CONTRACT NUMBER: 5



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

2016 SEWER MAIN RENEWALS  
BY CIPP LINING

**CARRIAGE BAY**

MH @ HERITAGE BOULEVARD TO  
1ST MH W OF HERITAGE BOULEVARD

SHEET 22 OF 79

CITY DRAWING NUMBER

11571

FILE PATH: R:\DRAWINGS\SEWER\2016 RENEWALS\Contract 5\Construction Dwg\  
FILE NAME: CARRIAGE\_S-MA20000310.dwg