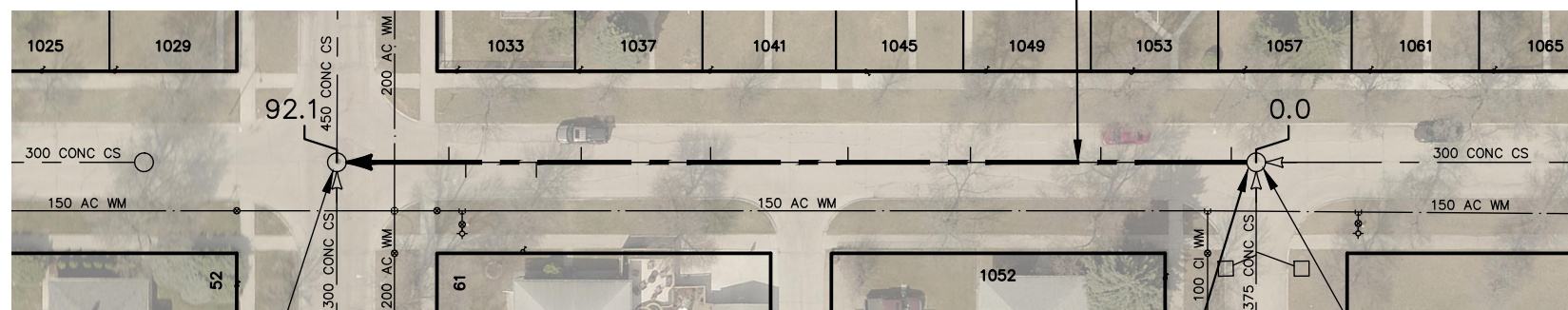


# MCCALMAN AVENUE



92.1 OF 450 CONC CS TO BE LINED  
S-MA40010901



S-MH40009850  
RIM 231.32  
INV N 227.11  
INV E 227.12  
INV S 227.27

KEENLEYSIDE  
ST

GROUT HOLE IN  
RISER AT 0.6

MCCALMAN  
AVE

S-MH40009354  
RIM 231.28  
INV E 227.69  
INV S 227.61  
INV W 227.53

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA40010901		
DISTANCE FROM MH ID S-MH40009354		
DISTANCE	DIAMETER	CLOCK
2.5	150	2
15.6	150	2
28.7	150	2
41.0	150	1
54.8	150	2
67.8	150	2
72.3	150	11
79.4	150	11
81.1	150	1

## WARNING

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

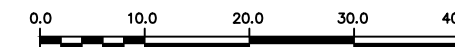
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE  
12674

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED  
UNDERGROUND STRUCTURES

B.M.  
ELEV.

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.

NO.	REVISIONS	DATE	BY

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	AJ	APPROVED BY	KZ
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	1:750		
VERTICAL			
DATE	2021 04 16	DATE	2021-04-16

PLOT DATE: 2021 04 16

ENGINEER'S SEAL

ORIGINAL  
SIGNED BY  
S.R.J.  
COURNOYER  
2021/04/16

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 218-2021  
CONTRACT NUMBER: 9



## THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

2021 SEWER RENEWALS BY CIPP LINING  
CONTRACT No.9

MCCALMAN AVENUE

1ST MH E OF KEENLEYSIDE STREET TO  
MH AT KEENLEYSIDE STREET

SHEET 40 OF 57

CITY DRAWING NUMBER

12715

FILE PATH: R:\DRAWINGS\SEWER\2021 RENEWALS\CIPP LINING\CONTRACT #9\Construction Dwg\  
FILE NAME: MCCALMAN AVE.dwg