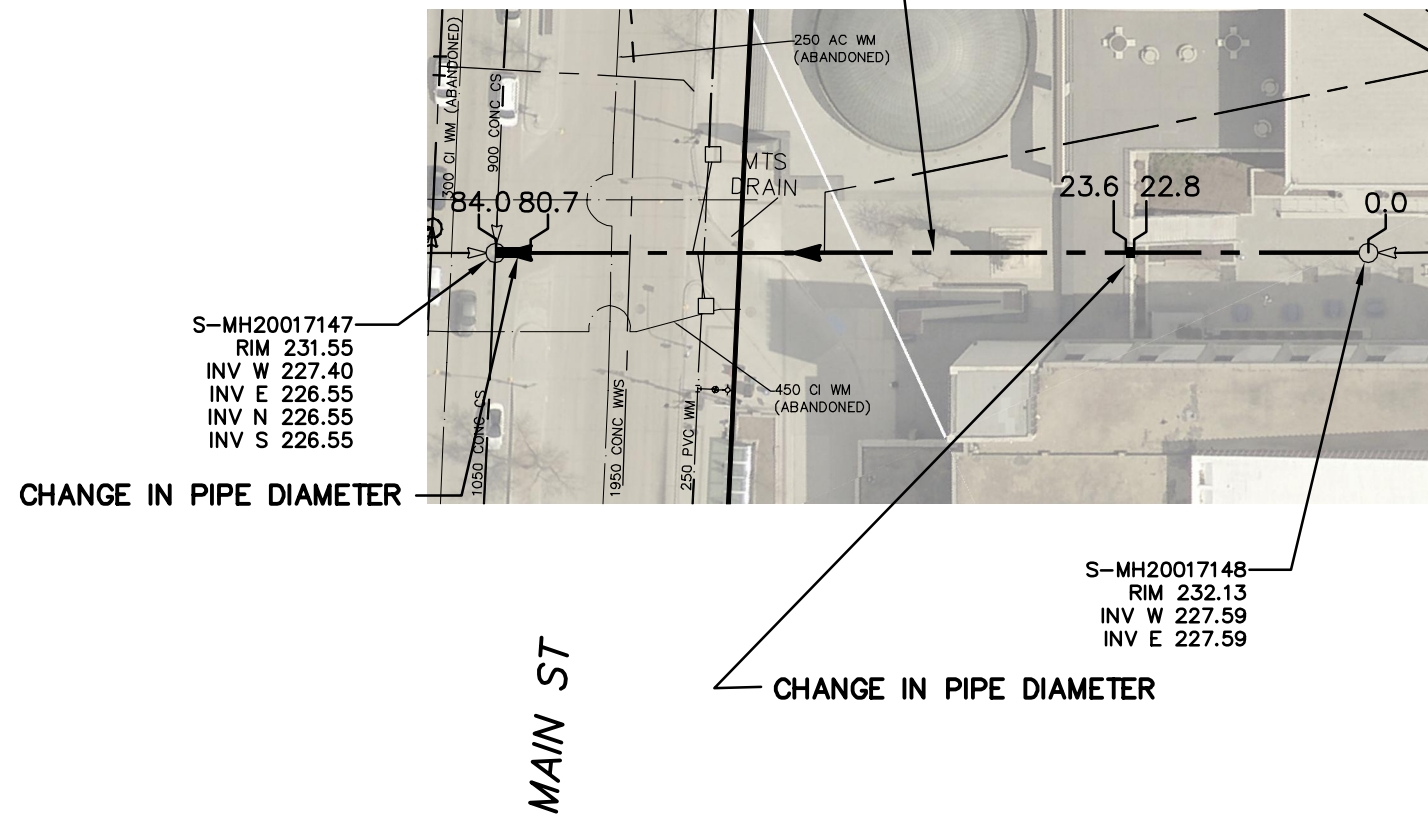


# JAMES AVENUE

**84.0 OF 450 CLAY CS TO BE LINED  
S-MA70024910 (FULLY DETERIORATED)**



SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA70024910		
DISTANCE FROM MH ID S-MH20017148		
DISTANCE	DIAMETER	CLOCK
4.6	150	2
5.1	150	10
5.8	150	2
6.4	150	10
20.7	150	2
21.5	150	10
25.1	150	2
30.4	150	10
31.5	150	10
46.8	150	2
48.5	150	12
49.4	150	2
53.8	150	2
57.0	150	2
59.7	150	1
60.7	150	11
61.3	150	1
62.4	150	2
72.3	150	2
73.4	150	10
74.1	150	11
75.2	150	11

S-MH20017147  
RIM 231.55  
INV W 227.40  
INV E 226.55  
INV N 226.55  
INV S 226.55

S-MH20017148  
RIM 232.13  
INV W 227.59  
INV E 227.59

### WARNING

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

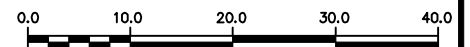
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE  
11020

### 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.			
CONSTRUCTION COMPLETION DATE: YYYY MM DD			
NO.	REVISIONS	DATE	BY

DESIGNED BY	NC	CHECKED BY	SC
DRAWN BY	RJ	APPROVED BY	KZ
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	1:750		
VERTICAL			
		<b>KAS ZUREK</b>	
DATE	2016 01 29	DATE	

ENGINEER'S SEAL

ORIGINAL  
SIGNED BY  
N.M.  
CONTI  
16/01/28

CONSULTANT DRAWING NUMBER



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

2015 SEWER RENEWALS  
BY CIPP LINING  
**JAMES AVENUE**  
2ND MH W OF LILY STREET TO  
MH AT MAIN STREET (Q)

SHEET 23 OF 56

CITY DRAWING NUMBER

11040

PLOT DATE: 2016 01 29

BID OPPORTUNITY: 960-2015  
CONTRACT NUMBER: 1

FILE PATH: R:\DRAWINGS\SEWER\2015 RENEWALS\RENEWALS & ASSOCIATED WORKS\Contract 1\Construction Dwg\  
FILE NAME: JAMES\_S-MA70024910.dwg