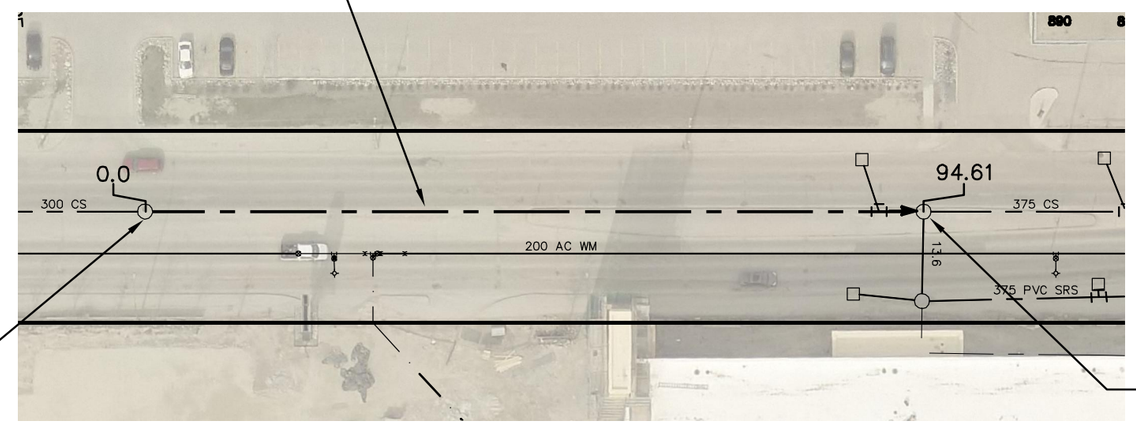
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20010761		
DISTANCE FROM MH ID S-MH20009823		
DISTANCE	DIAMETER	CLOCK
4.70	150	10
22.20	100	2
64.00	150	10
87.60	250	2
88.50	250	10
91.50	250	10

ST JAMES STREET

94.61 OF 300 CONCRETE CS TO BE LINED
S-MA20010761 (FULLY DETERIORATED)



S-MH20009823
RIM 234.067
INV N 230.610
INV S 230.440

S-MH20009822
RIM 233.560
INV N 230.100
INV S 230.180
INV E 230.330

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
0.0 10.0 20.0 30.0 40.0

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.

COSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY

DESIGNED BY	NC	CHECKED BY	SC
DRAWN BY	CN	APPROVED BY	KZ
SCALE: HORIZONTAL	1:750	RELEASED FOR CONSTRUCTION	KAS ZUREK
VERTICAL			
DATE	2016 01 29	DATE	

PLOT DATE: 2016 01 29

ENGINEER'S SEAL
ORIGINAL SIGNED BY N.M. CONTI 16/01/28

CONSULTANT DRAWING NUMBER
–

BID OPPORTUNITY: 960-2015
CONTRACT NUMBER: 1

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2015 SEWER RENEWALS
BY CIPP LINING
ST JAMES STREET
2ND MH N OF MAROONS ROAD TO
1ST MH S OF ST MATTHEWS AVENUE

SHEET 48 OF 56

CITY DRAWING NUMBER
11064

FILE PATH: R:\DRAWINGS\SEWER\2015 RENEWALS\RENEWALS & ASSOSTIATED WORKS\Contract 1\Construction Dwg\
FILE NAME: ST JAMES S-MA 20010761.dwg