



# ROWAND AVENUE

109.4 OF 375 CONC CS TO BE LINED  
FULLY DETERIORATED  
S-MA20005110

109.3 OF 300 CONC CS TO BE LINED  
FULLY DETERIORATED  
S-MA20005160

15.4 OF 300 CONC CS TO BE LINED  
FULLY DETERIORATED  
S-MA20005167



S-MH20004667  
RIM 236.17  
INV N 231.95  
INV E 231.95  
INV S 231.95  
INV W 231.95

MOUNT ROYAL RD

S-MH20004710  
RIM 236.16  
INV E 232.46  
INV W 232.46

S-MH20004721  
RIM 236.08  
INV S 232.97  
INV W 232.97

S-MH20004713  
RIM 236.20  
INV S 232.98  
INV N 232.98

FOR CONTINUATION  
SEE DWG 11607

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20005110			
DISTANCE FROM MH ID S-MH20004710			
DISTANCE	DIAMETER	CLOCK	
7.5	150	1	
8.3	150	11	
25.3	150	1	
26.5	150	11	
43.9	150	1	
44.8	150	11	
60.9	150	1	
62.4	150	1	
62.4	150	1	
63.4	150	11	
76.0	150	11	
80.4	150	1	
81.2	150	11	

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20005160			
DISTANCE FROM MH ID S-MH20004721			
DISTANCE	DIAMETER	CLOCK	
3.1	150	2	
10.0	150	2	
10.8	150	10	
24.6	150	2	
25.4	150	10	
43.1	150	2	
43.9	150	10	
59.4	150	10	
61.5	150	2	
74.9	150	10	
77.7	150	10	
80.0	150	2	
98.4	150	2	
99.2	150	10	

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20005167			
DISTANCE FROM MH ID S-MH20004713			
DISTANCE	DIAMETER	CLOCK	
3.9	150	2	
6.8	150	2	
10.3	150	2	

FOR INDEX SEE  
11552

### WARNING

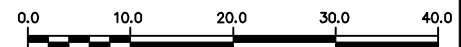
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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

### 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	
VERTICAL	DATE	2017 07 04	

ENGINEER'S SEAL

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

CONSULTANT DRAWING NUMBER



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

2016 SEWER MAIN RENEWALS  
BY CIPP LINING  
**ROWAND AVENUE (N. LEG)**  
MH AT MOUNT ROYAL ROAD TO  
3RD MH E OF MOUNT ROYAL ROAD

SHEET 60 OF 79

CITY DRAWING NUMBER

11609