

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA00015757		
DISTANCE FROM MH ID S-MH00014014		
DISTANCE	DIAMETER	CLOCK
10.5	150	2
19.9	150	1
20.4	150	10
24.2	150	2
24.9	150	10
32.2	150	10
40.6	150	2
47.2	150	10
55.7	150	2
63.1	150	10
63.3	150	2
78.2	150	10

# MACHRAY AVENUE

93.6 OF 300 CONC CS  
TO BE LINED S-MA00015757  
(FULLY DETERIORATED)



## 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



<b>LOCATION APPROVED UNDERGROUND STRUCTURES</b>  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: <b>YYYY MM DD</b>			ENGINEER'S SEAL  ORIGINAL SIGNED BY <b>S.R.J. COURNOYER</b> 12-11-28		 <b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION  2013 SEWER RENEWALS BY CIPP LINING <b>MACHRAY AVENUE</b> MH AT EMISLIE STREET (CL) TO MH AT MORTIMER PLACE (CL)	SHEET 25 OF 46																																									
	<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			NO.	REVISIONS		DATE	BY																					<table border="1"> <tr> <td>DESIGNED BY</td> <td><b>SC</b></td> <td>CHECKED BY</td> <td><b>SC</b></td> </tr> <tr> <td>DRAWN BY</td> <td><b>RS</b></td> <td>APPROVED BY</td> <td><b>KZ</b></td> </tr> <tr> <td>SCALE:</td> <td rowspan="2"><b>1:750</b></td> <td>RELEASED FOR CONSTRUCTION</td> <td>_____</td> </tr> <tr> <td>HORIZONTAL</td> <td>_____</td> </tr> <tr> <td>VERTICAL</td> <td>_____</td> <td>DATE</td> <td>_____</td> </tr> </table>		DESIGNED BY	<b>SC</b>	CHECKED BY	<b>SC</b>	DRAWN BY	<b>RS</b>	APPROVED BY	<b>KZ</b>	SCALE:	<b>1:750</b>	RELEASED FOR CONSTRUCTION	_____	HORIZONTAL	_____	VERTICAL	_____	DATE	_____
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