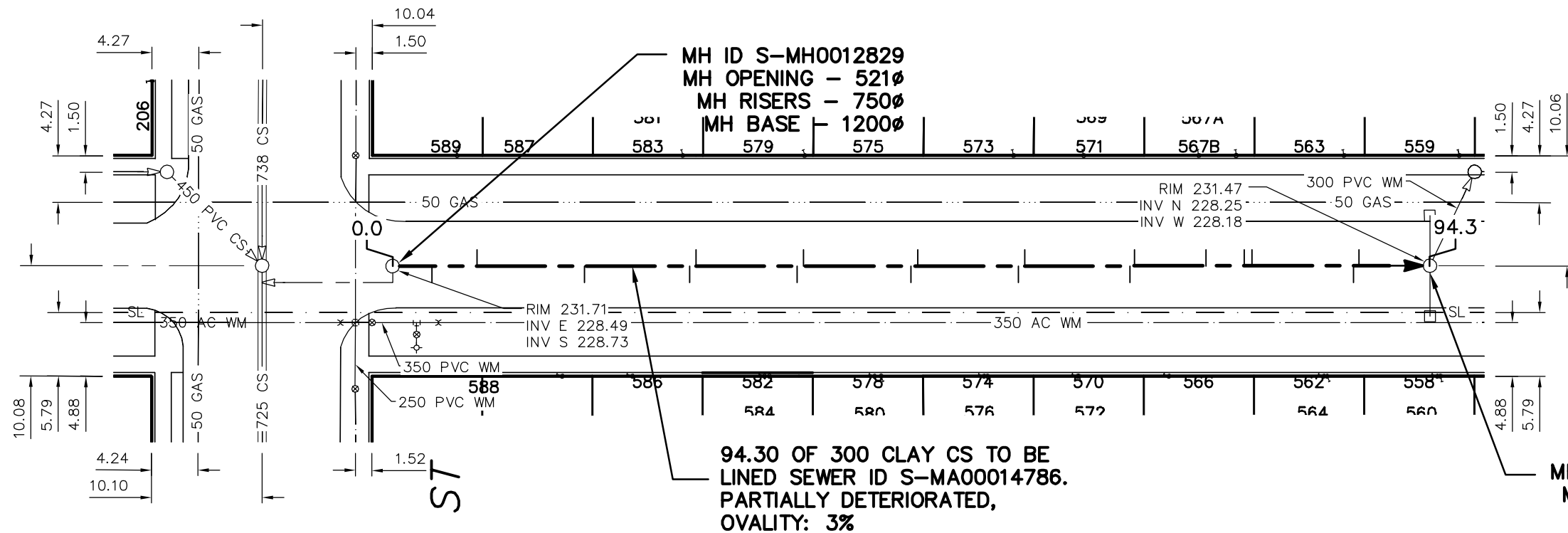
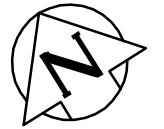


# MANITOBA AVENUE



**94.30 OF 300 CLAY CS TO BE LINED SEWER ID S-MA00014786. PARTIALLY DETERIORATED, OVALITY: 3%**

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA00014786

DISTANCE FROM MH ID S-MH00012829				
DISTANCE	DIRECTION	DIAMETER	CLOCK	CODE
3.6	SOUTH	150	3	CN
7.7	NORTH	150	10	JN
17.5	SOUTH	150	3	JN
27.1	SOUTH	150	3	JX
27.7	NORTH	150	9	JN
36.9	SOUTH	150	2	JN
37.5	NORTH	150	10	JN
47.3	SOUTH	150	2	JN
47.9	NORTH	150	9	JN
57.1	SOUTH	150	2	JN
57.7	NORTH	150	10	JN
67.3	SOUTH	150	2	CNI
67.7	NORTH	150	9	CNI
74.2	NORTH	150	10	CXI
77.7	NORTH	150	10	CX
78.4	NORTH	150	9	JX
87.7	SOUTH	150	1	JN
88.2	NORTH	150	9	JX

**MH ID S-MH00013188  
MH OPENING - 521Ø  
MH RISERS - 750Ø  
MH BASE - 1200Ø**

### WARNING

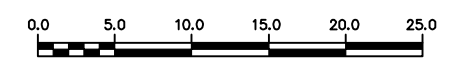
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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



<p style="text-align: center;">LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____</p> <p>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.</p>	<p>B.M. ELEV. _____</p> <p>CONSTRUCTION COMPLETION DATE: YYYY MM DD _____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY</td> <td>SC</td> <td>CHECKED BY</td> <td>SC</td> </tr> <tr> <td>DRAWN BY</td> <td>RS</td> <td>APPROVED BY</td> <td>KZ</td> </tr> <tr> <td>SCALE:</td> <td rowspan="2" style="text-align: center;">1:500</td> <td>RELEASED FOR CONSTRUCTION</td> <td rowspan="2" style="text-align: center;"><b>SIGNED BY K.R. ZUREK</b></td> </tr> <tr> <td>HORIZONTAL</td> <td>DATE</td> <td>2011 11 23</td> </tr> <tr> <td>VERTICAL</td> <td>DATE</td> <td>2011 11 23</td> <td></td> </tr> </table>	DESIGNED BY	SC	CHECKED BY	SC	DRAWN BY	RS	APPROVED BY	KZ	SCALE:	1:500	RELEASED FOR CONSTRUCTION	<b>SIGNED BY K.R. ZUREK</b>	HORIZONTAL	DATE	2011 11 23	VERTICAL	DATE	2011 11 23		<p>ENGINEER'S SEAL</p> <p style="text-align: center;"><b>ORIGINAL SIGNED BY S.R.J. COURNOYER NOV. 21, 2011</b></p> <p>CONSULTANT DRAWING NUMBER _____</p>	<p><b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p> <p><b>2011 SEWER RENEWALS BY CIPP LINING MANITOBA AVENUE</b></p> <p><b>MH AT MCGREGOR STREET (E PL) TO 1ST MH E OF MCGREGOR STREET</b></p>	<p>SHEET <b>51</b> OF <b>95</b></p> <p>CITY DRAWING NUMBER</p> <p style="text-align: center; font-size: 1.2em;"><b>9668</b></p>
DESIGNED BY	SC	CHECKED BY	SC																					
DRAWN BY	RS	APPROVED BY	KZ																					
SCALE:	1:500	RELEASED FOR CONSTRUCTION	<b>SIGNED BY K.R. ZUREK</b>																					
HORIZONTAL		DATE		2011 11 23																				
VERTICAL	DATE	2011 11 23																						
		<p>NO. _____ REVISIONS _____ DATE _____ BY _____</p>		<p>PLOT DATE: 2011 11 23</p>		<p>BID OPPORTUNITY: 811-2011 CONTRACT NUMBER: 19</p>		<p>FILE PATH: R:\DRAWINGS\SEWER\2011_RENEWALS\2011_CIPP LININGS\CONTRACT 2\CIPP DRAWINGS\ FILE NAME: 9668.dwg</p>																