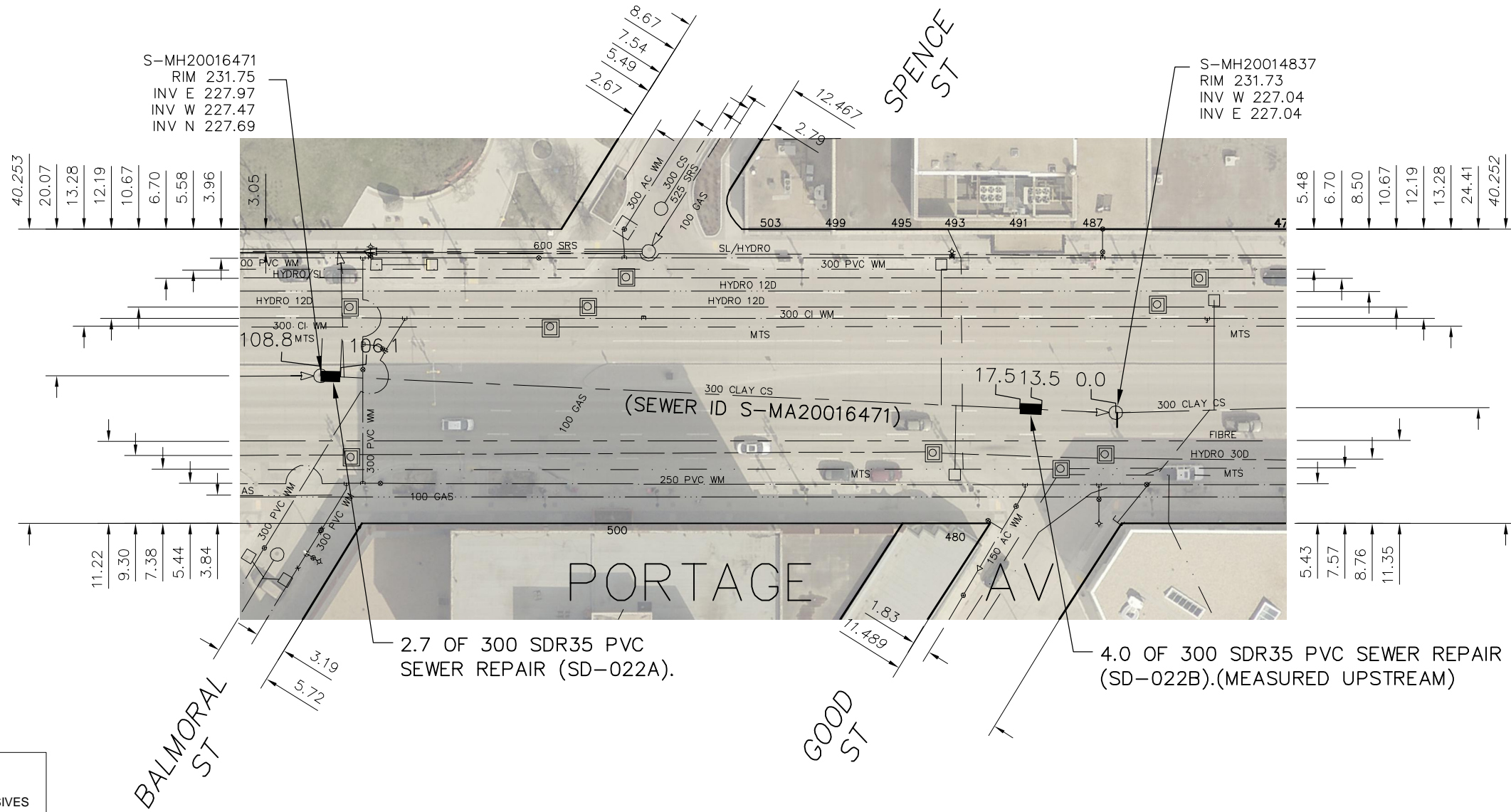
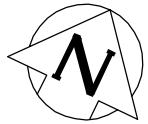


PORTAGE AVENUE



SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA20016471  
DISTANCE FROM MH ID S-MH20014815

DISTANCE	DIAMETER	CLOCK
3.0	100	10
4.0	150	2
5.2	150	10
6.4	150	2
22.9	150	2

\*\*\*\* REVERSAL REQUIRED \*\*\*\*

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA20016471  
DISTANCE FROM MH ID S-MH20014837

DISTANCE	DIAMETER	CLOCK
6.9	150	10
11.4	150	1
17.7	150	10
17.9	150	2
22.0	150	10
25.0	150	11
32.4	150	10
50.5	150	10
53.5	150	10
66.0	150	1
67.7	150	10
70.1	150	10
74.0	150	1
75.0	150	1
80.2	150	2
85.8	150	10

\*\*\*\* REVERSAL REQUIRED \*\*\*\*

2.7 OF 300 SDR35 PVC SEWER REPAIR (SD-022A).

4.0 OF 300 SDR35 PVC SEWER REPAIR (SD-022B).(MEASURED UPSTREAM)

**WARNING**

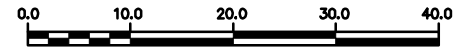
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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>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>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>NO.</th><th>REVISIONS</th><th>DATE</th><th>BY</th></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	REVISIONS	DATE	BY					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DESIGNED BY</td><td><b>TS</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><td> </td></tr> <tr><td>VERTICAL</td><td> </td><td> </td><td> </td></tr> <tr><td>DATE</td><td><b>2015 12 16</b></td><td>DATE</td><td> </td></tr> <tr><td>PLOT DATE:</td><td colspan="3">2015 12 16</td></tr> </table>	DESIGNED BY	<b>TS</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	<b>2015 12 16</b>	DATE		PLOT DATE:	2015 12 16			<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY S.R.J. COURNOYER 12/07/15</p> <p>CONSULTANT DRAWING NUMBER  </p>	<p><b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p> <p>2015 SEWER RENEWALS BY EXTERNAL POINT REPAIR PORTAGE AVENUE MH AT BALMORAL STREET (Q) TO MH AT GOOD STREET (Q)</p>	<p>SHEET <b>32</b> OF <b>41</b></p> <p>CITY DRAWING NUMBER <b>11149</b></p>
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