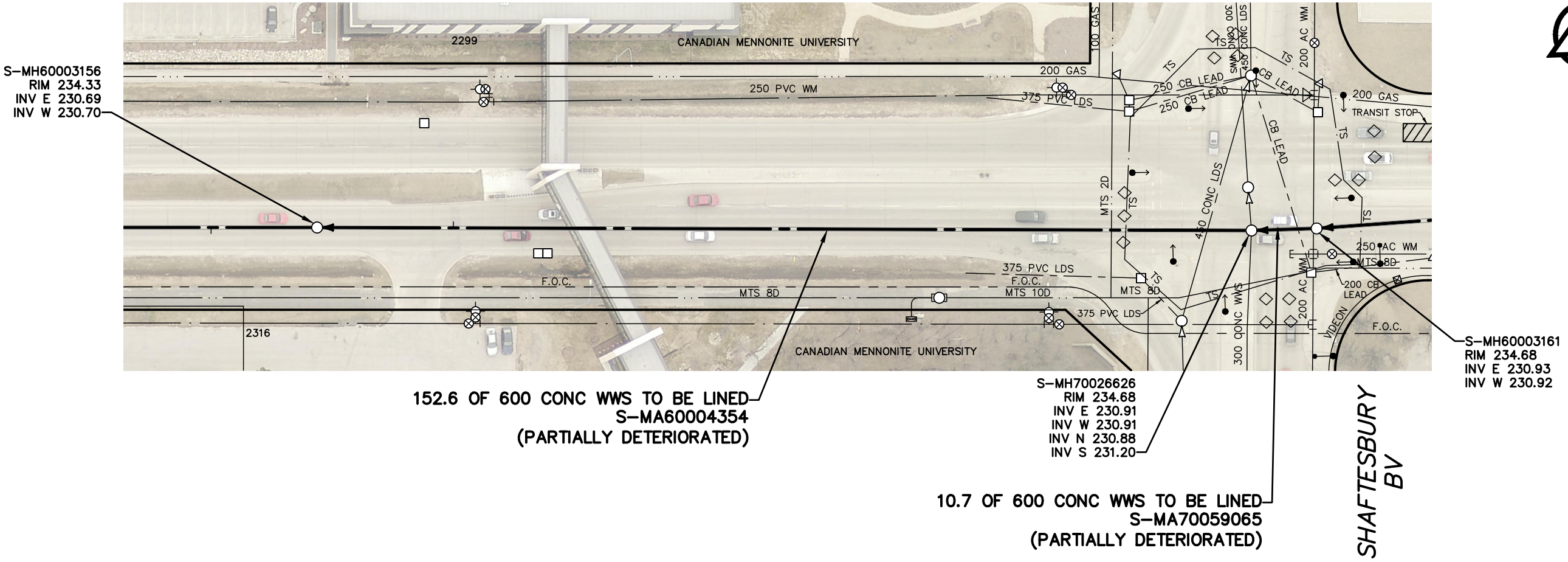


# GRANT AVENUE



**152.6 OF 600 CONC WWS TO BE LINED  
S-MA60004354  
(PARTIALLY DETERIORATED)**

**10.7 OF 600 CONC WWS TO BE LINED  
S-MA70059065  
(PARTIALLY DETERIORATED)**

**SHAFTESBURY  
BV**

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60004354		
DISTANCE FROM MH ID S-MH70026626		
DISTANCE	DIAMETER	CLOCK
130.3	100	02

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA70059065		
DISTANCE FROM MH ID S-MH60003161		
DISTANCE	DIAMETER	CLOCK
**** NO SERVICE JUNCTIONS ****		

**FOR INDEX SEE  
11643**

**WARNING**

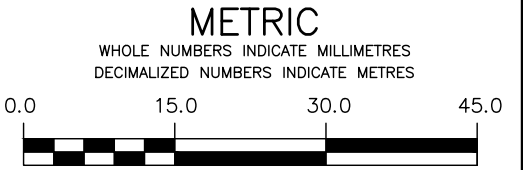
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**

Certificate of Authorization  
**MORRISON HERSHFIELD**  
No. 1736



<p style="text-align: center;"><b>LOCATION APPROVED UNDERGROUND STRUCTURES</b></p> <p style="font-size: x-small;">SUPV. U/G STRUCTURES COMMITTEE      DATE</p> <p style="font-size: x-small;">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 style="width: 10%;">NO.</th> <th style="width: 40%;">REVISIONS</th> <th style="width: 15%;">DATE</th> <th style="width: 15%;">BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	REVISIONS	DATE	BY					<div style="text-align: center;"> <p><b>MORRISON HERSHFIELD</b></p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DESIGNED BY <b>JKH</b></td> <td style="width: 50%;">CHECKED BY <b>HAK</b></td> </tr> <tr> <td>DRAWN BY <b>DML</b></td> <td>APPROVED BY <b>BWB</b></td> </tr> <tr> <td>SCALE: HORIZONTAL    1:750 VERTICAL</td> <td>RELEASED FOR CONSTRUCTION <b>K. ZUREK</b></td> </tr> <tr> <td>DATE    18/01/15</td> <td>DATE    2018 03 12</td> </tr> </table>	DESIGNED BY <b>JKH</b>	CHECKED BY <b>HAK</b>	DRAWN BY <b>DML</b>	APPROVED BY <b>BWB</b>	SCALE: HORIZONTAL    1:750 VERTICAL	RELEASED FOR CONSTRUCTION <b>K. ZUREK</b>	DATE    18/01/15	DATE    2018 03 12	<p style="font-size: x-small;">ENGINEER'S SEAL</p> <p style="text-align: center;"><b>ORIGINAL SIGNED BY H.A. KATZ 2018 03 12</b></p> <p style="font-size: x-small;">CONSULTANT DRAWING NUMBER</p>	<div style="text-align: center;"> <p><b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p> </div> <p style="text-align: center;"><b>2017 SEWER RENEWALS BY CIPP LINING – CONTRACT NO. 3</b></p> <p style="text-align: center;"><b>GRANT AVENUE</b> MH AT SHAFTESBURY BOULEVARD (E R) TO 1ST MH W OF SHAFTESBURY BOULEVARD</p>	<p style="text-align: center;">SHEET <b>8</b> OF <b>25</b></p> <p style="text-align: center; font-size: x-small;">CITY DRAWING NUMBER</p> <p style="text-align: center; font-size: x-small;"><b>11649</b></p>
NO.	REVISIONS	DATE	BY																		
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