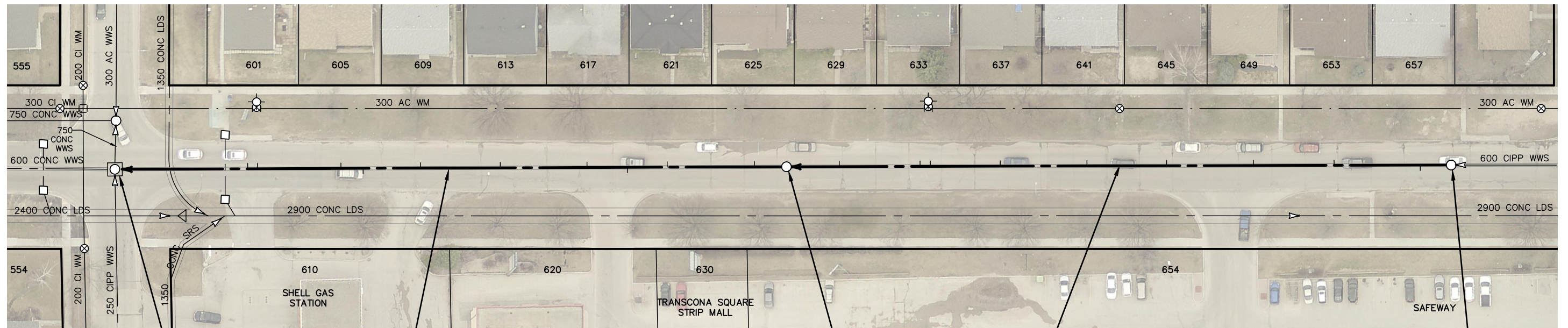


KILDARE AVENUE E



WAYOTA ST

S-MH40008815
RIM 233.25
INV N 227.97
INV E 227.98
INV S 227.99
INV W 227.97

124.0 OF 600 CONC WWS TO BE LINED
S-MA40009718
(PARTIALLY DETERIORATED)

S-MH40008842
RIM 233.61
INV E 228.16
INV W 228.15

122.5 OF 600 CONC WWS TO BE LINED
S-MA40009751
(PARTIALLY DETERIORATED)

S-MH40008840
RIM 233.99
INV E 228.34
INV W 228.31

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA40009718

DISTANCE FROM MH ID S-MH40008842

DISTANCE	DIAMETER	CLOCK
5.9	150	01
22.0	150	01
29.3	150	12
36.8	150	01
52.8	150	01
67.5	150	01
78.1	150	10
82.2	150	02
97.6	150	01
99.4	150	01

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA40009751

DISTANCE FROM MH ID S-MH40008840

DISTANCE	DIAMETER	CLOCK
5.7	150	10
21.6	150	01
36.5	150	01
52.5	150	01
67.2	150	01
83.2	150	01
96.1	150	03
98.0	150	01
112.9	150	01

FOR INDEX SEE 11643

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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

<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><td style="width: 5%;">NO.</td><td style="width: 15%;">REVISIONS</td><td style="width: 15%;">DATE</td><td style="width: 5%;">BY</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> </table>	NO.	REVISIONS	DATE	BY													<p style="text-align: center;"> MORRISON HERSHFIELD</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DESIGNED BY JKH</td> <td style="width: 50%;">CHECKED BY HAK</td> </tr> <tr> <td>DRAWN BY DML</td> <td>APPROVED BY BWB</td> </tr> <tr> <td>SCALE: HORIZONTAL 1:750 VERTICAL</td> <td>RELEASED FOR CONSTRUCTION ORIGINAL SIGNED K. ZUREK</td> </tr> <tr> <td>DATE 18/01/15</td> <td>DATE 2018 03 12</td> </tr> </table>	DESIGNED BY JKH	CHECKED BY HAK	DRAWN BY DML	APPROVED BY BWB	SCALE: HORIZONTAL 1:750 VERTICAL	RELEASED FOR CONSTRUCTION ORIGINAL SIGNED K. ZUREK	DATE 18/01/15	DATE 2018 03 12	<p>ENGINEER'S SEAL</p> <p style="text-align: center;">ORIGINAL SIGNED BY H.A. KATZ 2018 03 12</p> <p>CONSULTANT DRAWING NUMBER _____</p>	<p style="text-align: center;"> THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p> <p style="text-align: center;">2017 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 3 KILDARE AVENUE E 1ST MH W OF SOUTHAMPTON PLACE TO MH AT WAYOTA STREET</p>	<p>SHEET 25 OF 25 CITY DRAWING NUMBER 11666</p>
NO.	REVISIONS	DATE	BY																										
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