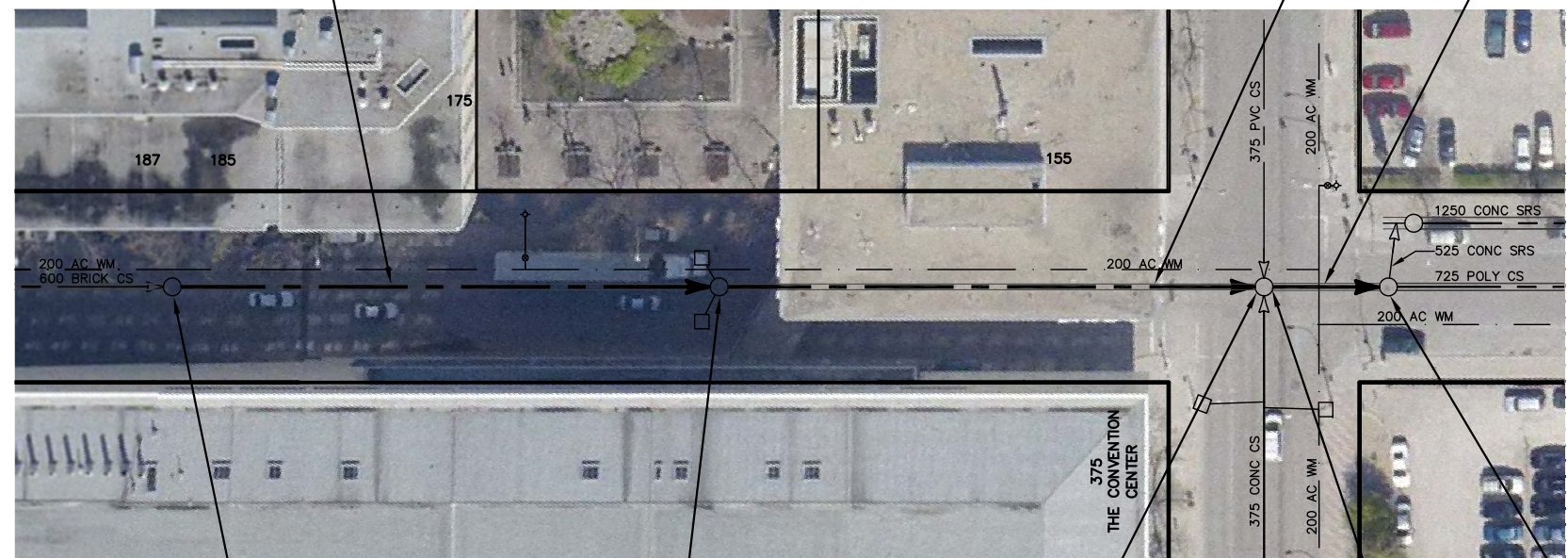


CARLTON STREET

57.70 OF 600 BRICK CS
TO BE LINED S-MA20014129
(FULLY DETERIORATED)

57.90 OF 600 BRICK CS
TO BE LINED S-MA20014235
(FULLY DETERIORATED)

12.00 OF 750 BRICK CS
TO BE LINED S-MA20014230
(FULLY DETERIORATED)



S-MH20014054
RIM 231.76
INV S 227.83
INV N 227.84

S-MH20012869
RIM
INV S 227.70
INV W 227.70

REPAIR MH
(TO BE DONE BY OTHERS)

YORK AV

S-MH70013196
RIM 231.89
INV E 227.84
INV S 227.57
INV W 227.82
INV N 227.57

S-MH20012863
RIM
INV N
INV E
INV S

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA20014129

DISTANCE FROM MH ID S-MH20014054

DISTANCE	DIAMETER	CLOCK
11.1	150	3
11.3	150	9
12.2	150	9
14.0	150	9
18.3	150	3
18.8	150	9
26.1	150	9
26.2	150	3
29.2	150	2
29.4	150	9
33.3	150	9
33.3	150	3
40.3	150	2
40.4	150	9
48.3	150	9
48.3	150	2
56.0	150	2
56.0	150	9

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA20014235

DISTANCE FROM MH ID S-MH20012869

DISTANCE	DIAMETER	CLOCK
4.0	150	10
4.0	150	2
10.5	150	10
11.3	150	10
11.6	150	2
19.4	150	9
20.1	150	9
20.3	150	2
25.2	300	9
27.7	150	10
28.0	150	2
28.7	150	1
36.0	150	2
36.2	150	9
43.2	150	9
43.4	150	2
53.6	150	2

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA20014230

DISTANCE FROM MH ID S-MH70013196

DISTANCE	DIAMETER	CLOCK

WARNING

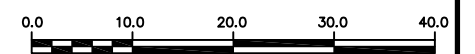
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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>	<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>JB</td> <td>APPROVED BY</td> <td>KZ</td> </tr> <tr> <td>SCALE:</td> <td colspan="2">HORIZONTAL 1: 750</td> <td>RELEASED FOR CONSTRUCTION</td> </tr> <tr> <td>VERTICAL</td> <td colspan="2"></td> <td>DATE</td> </tr> </table>	DESIGNED BY	SC	CHECKED BY	SC	DRAWN BY	JB	APPROVED BY	KZ	SCALE:	HORIZONTAL 1: 750		RELEASED FOR CONSTRUCTION	VERTICAL			DATE	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY S.R.J. COURNOYER AUG. 15, 2012</p> <p>CONSULTANT DRAWING NUMBER _____</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p> <p>2012 SEWER RENEWALS BY CIPP LINING CARLTON STREET 1ST MH S OF ST MARY AVENUE TO MH AT YORK AVENUE (CL)</p>	<p>SHEET 3 OF 57</p> <p>CITY DRAWING NUMBER</p> <p style="font-size: 24pt;">10276</p>
	DESIGNED BY	SC	CHECKED BY	SC																	
DRAWN BY	JB	APPROVED BY	KZ																		
SCALE:	HORIZONTAL 1: 750		RELEASED FOR CONSTRUCTION																		
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NO.	REVISIONS	DATE	BY																		