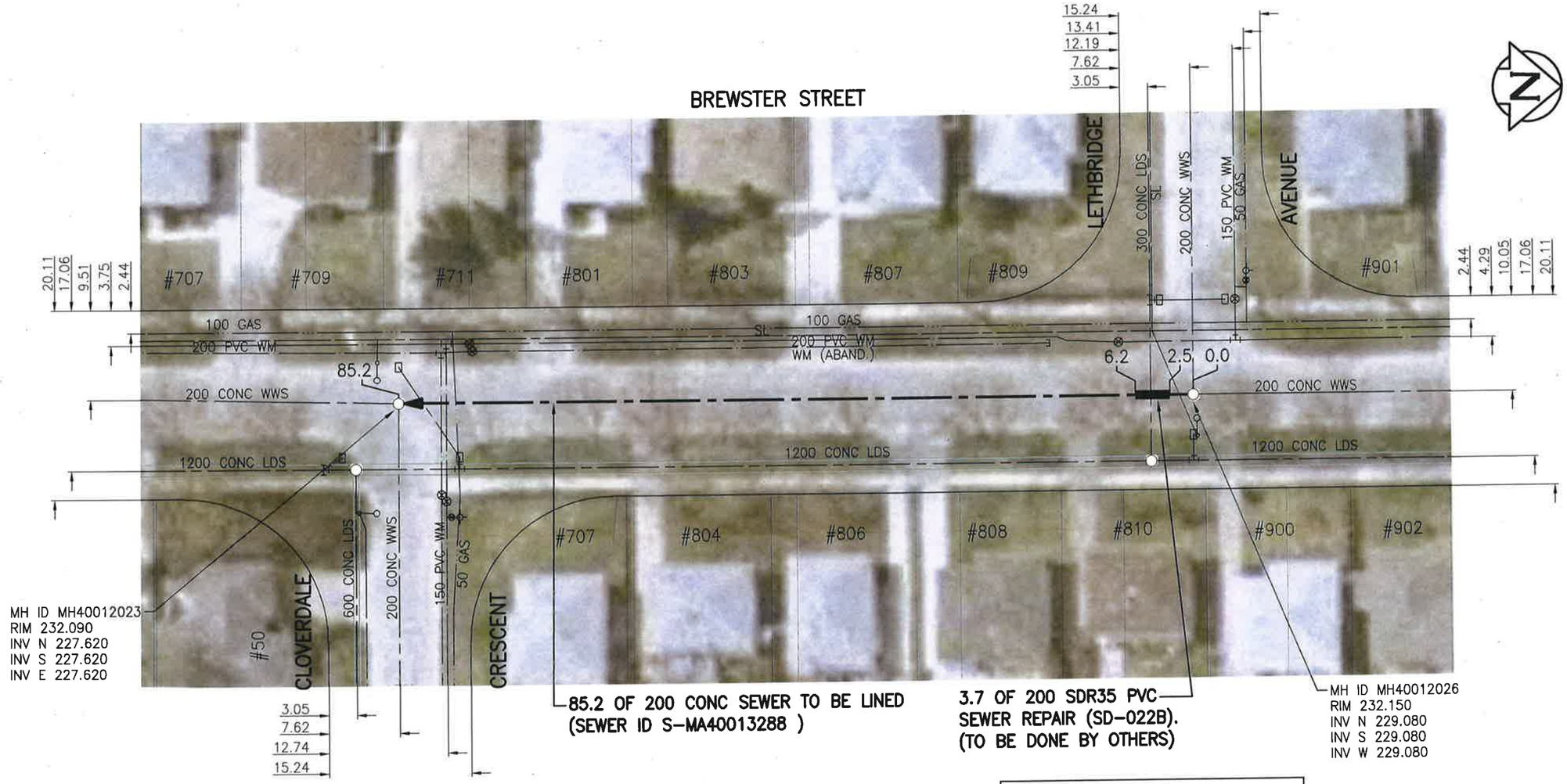
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA40013288		
DISTANCE FROM MH40012026		
DISTANCE	DIAMETER	CLOCK
8.2	150	10
12.8	150	10
16.4	150	3
21.2	150	9
22.7	150	3
28.4	150	9
32.0	150	2
38.2	150	10
39.2	150	2
44.8	150	10
51.9	150	2
54.8	150	2
55.7	150	10
59.3	150	10
63.3	150	3
68.5	150	3
72.0	150	9
76.7	150	9
83.0	150	3
84.0	150	3



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 140/92 FOR DETAILS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

1:500 0 5 15 25m

BID OPPORTUNITY NO. 1167-2018

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

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.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	19.01.02	RS

Stantec
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	RS	CHECKED BY	RS
DRAWN BY	SC	APPROVED BY	RS
HOR. SCALE: VERTICAL:	1:500	RELEASED FOR CONSTRUCTION:	
DATE	18.10.29	DATE	1/02/19

ENGINEER'S SEAL
PROVINCE OF MANITOBA
JAN 2/19
R.M. SHERLOCK
MEMBER 24045
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
C-105

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2018 SEWER RENEWALS BY CIPP LINING
CONTRACT 7
BREWSTER STREET
MH AT LETHBRIDGE AV TO
MH AT CLOVERDALE DR

SHEET 06 OF 48
CAD FILE DRAWING NUMBER 18120c-101-922.dwg
CITY DRAWING NUMBER 11841

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