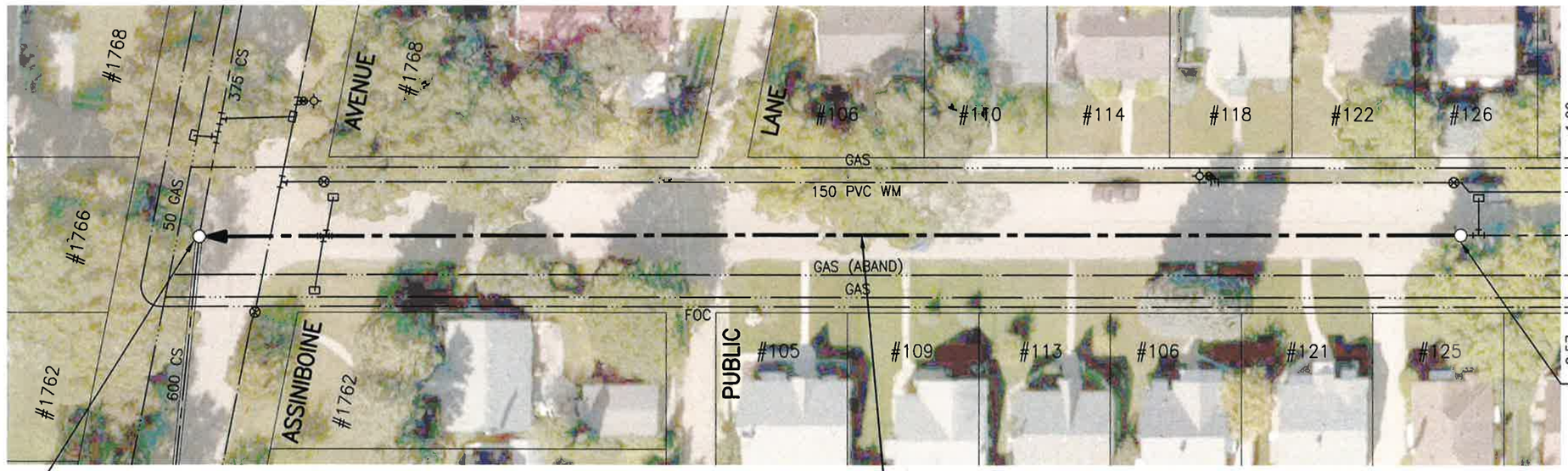
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA20008799		
DISTANCE FROM MH20008135		
DISTANCE	DIAMETER	CLOCK
1.2	150	2
2.6	150	10
10.1	150	10
11.0	150	2
19.9	150	10
20.8	150	2
22.5	150	2
22.6	150	10
23.3	150	2
32.6	150	10
33.7	150	2
34.3	150	10
34.9	150	2
48.6	150	10
49.0	150	2
49.8	150	10
50.5	150	2
51.6	150	10
54.8	150	2
63.6	150	10
64.3	150	2
72.9	150	10
82.2	150	3
95.8	150	10
111.6	200	9



MH ID MH20008135
RIM 234.707
INV N 231.000
INV S 231.000

123.6 OF 375 CONC SEWER TO BE LINED (SEWER ID S-MA20008799)

MH ID MH20008112
RIM 232.344
INV N 228.59
INV E 228.59
INV W 228.59

V:\1112\active\111218920\0300_drawing\0302_sheet_files\02_civil\18920c-121-934.dwg

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

TENDER NO. 117-2020

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
2	ISSUED FOR TENDER	20.03.20	RS
1	ISSUED FOR REVIEW	20.03.09	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:	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL:			
DATE	20.01.06	DATE	Mar 19/20

ENGINEER'S SEAL
PROVINCE OF MANITOBA
Mar 19/20
R.M. SHERLOCK
MEMBER 24045
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
C-123

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2019 SEWER RENEWALS BY CIPP LINING
CONTRACT 7
WINSTON DRIVE
IST MH N OF ASSINIBOINE AVE TO
MH AT ASSINIBOINE AVE

SHEET 25 OF 50
CAD FILE DRAWING NUMBER
18920c-121-934.dwg
CITY DRAWING NUMBER
12416