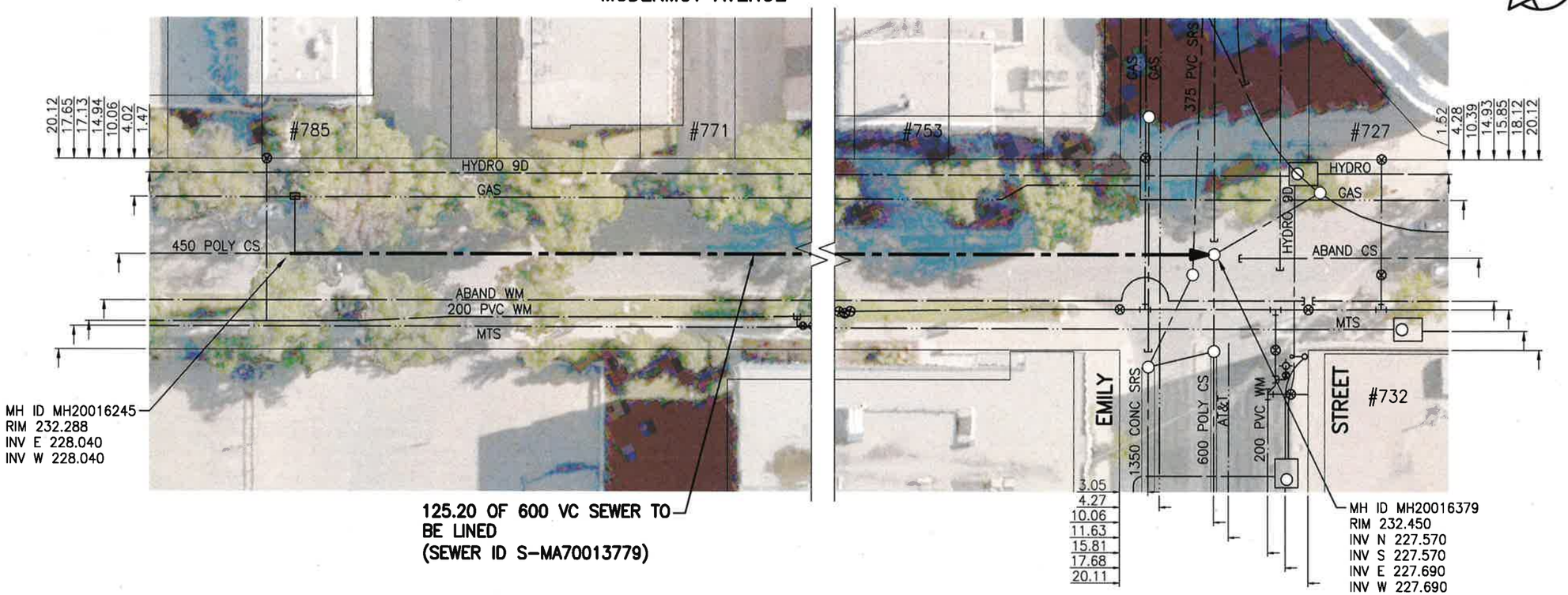
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA70013779		
DISTANCE FROM MH20016245		
DISTANCE	DIAMETER	CLOCK
1.3	200	10
1.3	150	2
4.6	150	2
5.2	150	10
14.9	150	2
17.4	200	11
35.5	200	10
45.8	150	10
54.5	150	2
55.1	150	10
61.0	150	2
64.9	150	2
65.6	150	10
72.0	200	10
74.9	150	10
75.6	150	2
78.6	150	2
84.7	150	2
85.3	150	10
94.4	150	2
95.2	150	10
105.2	150	2
105.3	150	10
113.0	150	2
113.7	150	10



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. 116-2020

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	Mon 17/2c

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.M. SHERLOCK
MEMBER 24045
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
C-104

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2019 SEWER RENEWALS BY CIPP LINING
CONTRACT 4

MCDERMOT AVENUE

1ST MH E OF TECUMSEH ST TO
MH AT EMILY ST

SHEET 07 OF 12
CAD FILE DRAWING NUMBER
18930c-101-934.dwg
CITY DRAWING NUMBER
12385

V:\1112\active\11121893O\0300_drawing\0302_sheet_files\02_civil\18930c-101-934.dwg