

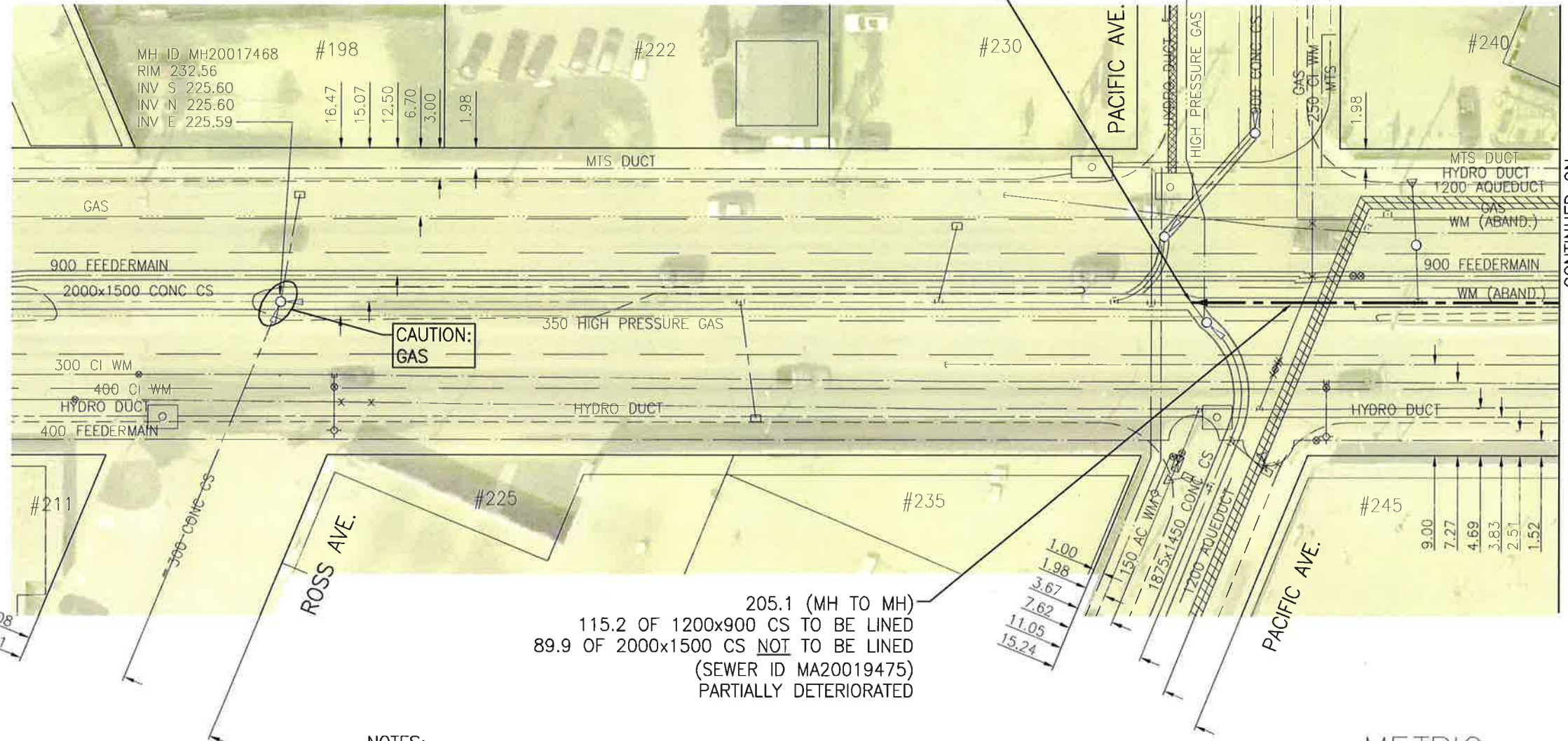
MCPHILLIPS STREET

END LINER AT MAJOR BRANCH
(AT 115.2m FROM MH20017685)

- 20.11
- 19.11
- 17.37
- 15.81
- 11.77
- 4.90
- 2.75



SEWER ID S-MA20019475			SEWER ID S-MA20019475		
DISTANCE FROM MH20017685			DISTANCE FROM MH20017685		
DISTANCE	DIAMETER	CLOCK	DISTANCE	DIAMETER	CLOCK
7.0	100	01	92.7	150	12
10.6	150	02	93.4	150	09
11.6	100	12	93.5	150	02
17.9	150	02	101.2	150	11
17.9	150	10	110.5	150	02
26.4	150	02	119.0	900	03
26.4	150	10	128.0	150	03
30.9	100	01	128.0	150	09
34.3	150	02	130.6	150	01
35.5	150	02	144.3	100	01
35.5	150	10	155.0	150	03
38.5	450	10	150.1	150	09
42.4	150	02	164.0	150	09
50.5	150	03	164.4	150	03
50.7	150	01	166.9	100	01
50.7	150	11	170.6	150	01
59.7	150	02	172.5	150	01
59.7	150	10	174.2	150	02
60.6	150	02	174.2	150	11
68.6	150	10	182.7	150	10
74.2	300	09	182.7	150	02
76.4	150	10	192.0	150	10
76.4	150	02	192.0	150	02
83.3	150	02	197.5	150	11
83.9	150	02	200.8	150	03



205.1 (MH TO MH)
115.2 OF 1200x900 CS TO BE LINED
89.9 OF 2000x1500 CS NOT TO BE LINED
(SEWER ID MA20019475)
PARTIALLY DETERIORATED

NOTES:

1. THE LAST 89.9m OF MA20019475 IS NOT TO BE LINED.
2. REFER TO SECTIONS E13 AND E14 IN THE SPECIFICATION FOR WORK IN CLOSE PROXIMITY TO THE FEEDERMAIN.

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

APEGM
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. 1083-2016

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

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

DESIGNED BY	JH	CHECKED BY	CD
DRAWN BY	SC	APPROVED BY	RS
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	Feb. 28/17

ENGINEER'S SEAL
PROVINCE OF MANITOBA
FEB 27 2017
R.M. SHERLOCK
REGISTERED PROFESSIONAL ENGINEER
24045

CONSULTANT DRAWING NO.
C-118

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2016 SEWER RENEWALS BY CIPP LINING
CONTRACT 2
MCPHILLIPS STREET
MH AT ALEXANDER AV W TO
MH AT ROSS AV (SOUTH PORTION)

SHEET	19	OF	25
CAD FILE DRAWING NUMBER	16320c-118-894.DWG		
CITY DRAWING NUMBER	11373		

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CONTINUED ON
DWG C-119