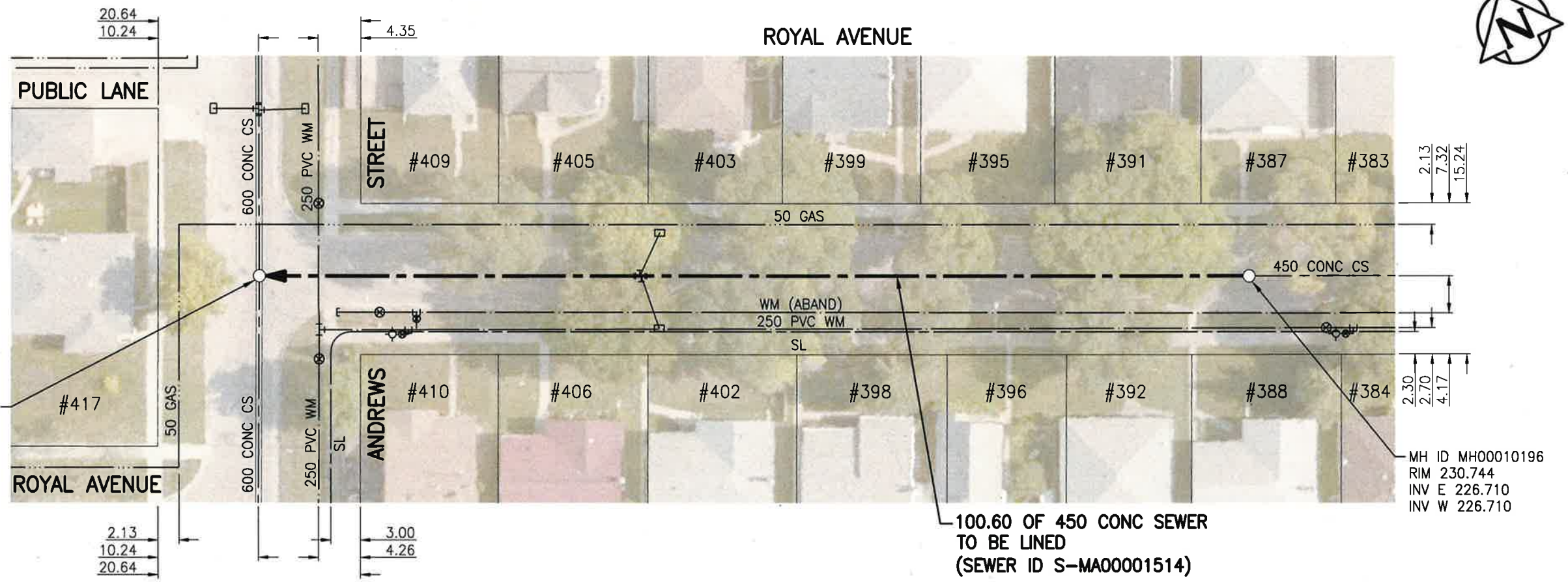




SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA00001514		
DISTANCE FROM MH00010196		
DISTANCE	DIAMETER	CLOCK
1.2	150	10
4.0	150	10
6.3	150	2
15.5	150	10
17.2	150	10
20.4	150	2
30.5	150	10
33.5	150	2
45.2	150	2
46.8	150	10
50.7	150	10
51.6	150	2
52.7	150	10
59.4	150	2
60.2	150	10
65.0	150	10
73.4	150	10
74.0	150	2
83.5	150	10
84.4	150	2

MH ID MH00001259
RIM 230.861
INV N 226.550
INV S 226.550
INV E 226.610



MH ID MH00010196
RIM 230.744
INV E 226.710
INV W 226.710

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

TENDER NO. 117-2020

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M.	ELEV.
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.			
2	ISSUED FOR TENDER	20.03.20	RS
1	ISSUED FOR REVIEW	20.03.09	RS
NO.	REVISIONS	DATE	BY

DESIGNED BY	CHECKED BY	DRAWN BY	APPROVED BY	HOR. SCALE:	VERTICAL:	RELEASED FOR CONSTRUCTION	CONSULTANT DRAWING NO.
RS	RS	SC	RS	1:500			C-144
DATE 20.01.06	DATE						

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

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

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2019 SEWER RENEWALS BY CIPP LINING
CONTRACT 7
ROYAL AVENUE
1ST MH E OF ANDREWS ST TO
MH AT ANDREWS ST

SHEET	OF
46	50
CAD FILE DRAWING NUMBER 18920c-141-934.dwg	
CITY DRAWING NUMBER 12437	

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