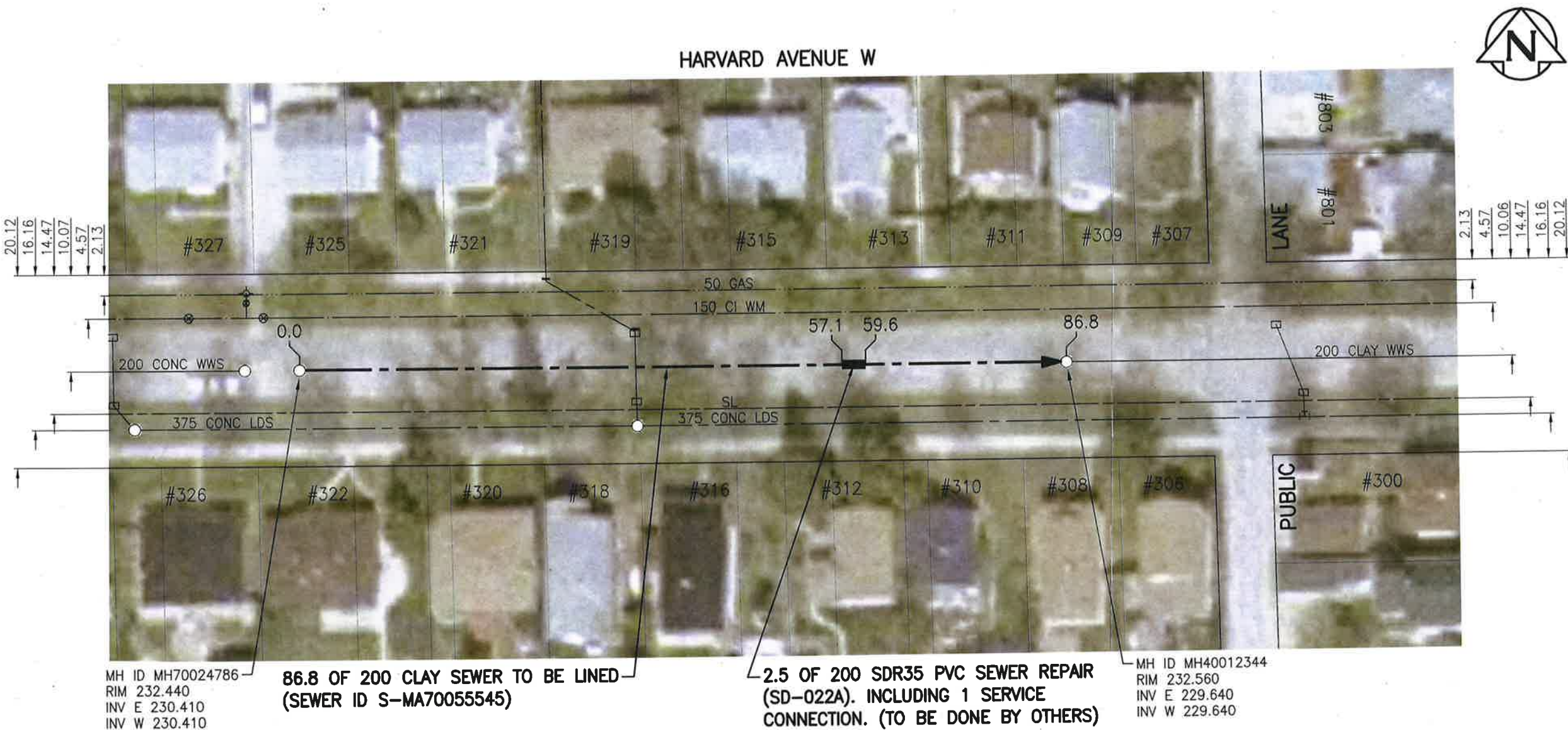


SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION

SEWER ID S-MA70055545		
DISTANCE FROM MH70024786		
DISTANCE	DIAMETER	CLOCK
8.0	150	2
11.9	150	9
14.2	150	3
25.8	150	3
28.9	150	9
31.2	150	3
35.8	150	9
37.4	150	9
42.0	150	3
51.9	150	3
58.0	150	9
61.1	150	9
62.0	150	3
37.1	150	3
67.6	150	9
72.1	150	3
74.0	150	3
76.1	150	3
80.8	150	9
81.6	150	3



MH ID MH70024786  
RIM 232.440  
INV E 230.410  
INV W 230.410

86.8 OF 200 CLAY SEWER TO BE LINED (SEWER ID S-MA70055545)

2.5 OF 200 SDR35 PVC SEWER REPAIR (SD-022A). INCLUDING 1 SERVICE CONNECTION. (TO BE DONE BY OTHERS)

MH ID MH40012344  
RIM 232.560  
INV E 229.640  
INV W 229.640

**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

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.

NO.	ISSUED FOR TENDER	DATE	BY	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:	1:500	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	01/02/19

ENGINEER'S SEAL

CONSULTANT DRAWING NO. C-112

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2018 SEWER RENEWALS BY CIPP LINING  
CONTRACT 7  
**HARVARD AVENUE W**  
2ND MH W OF WINONA ST TO  
1ST NH W OH WINONA ST

SHEET **13** OF **48**  
CAD FILE DRAWING NUMBER **18120c-111-922.dwg**  
CITY DRAWING NUMBER **11848**