

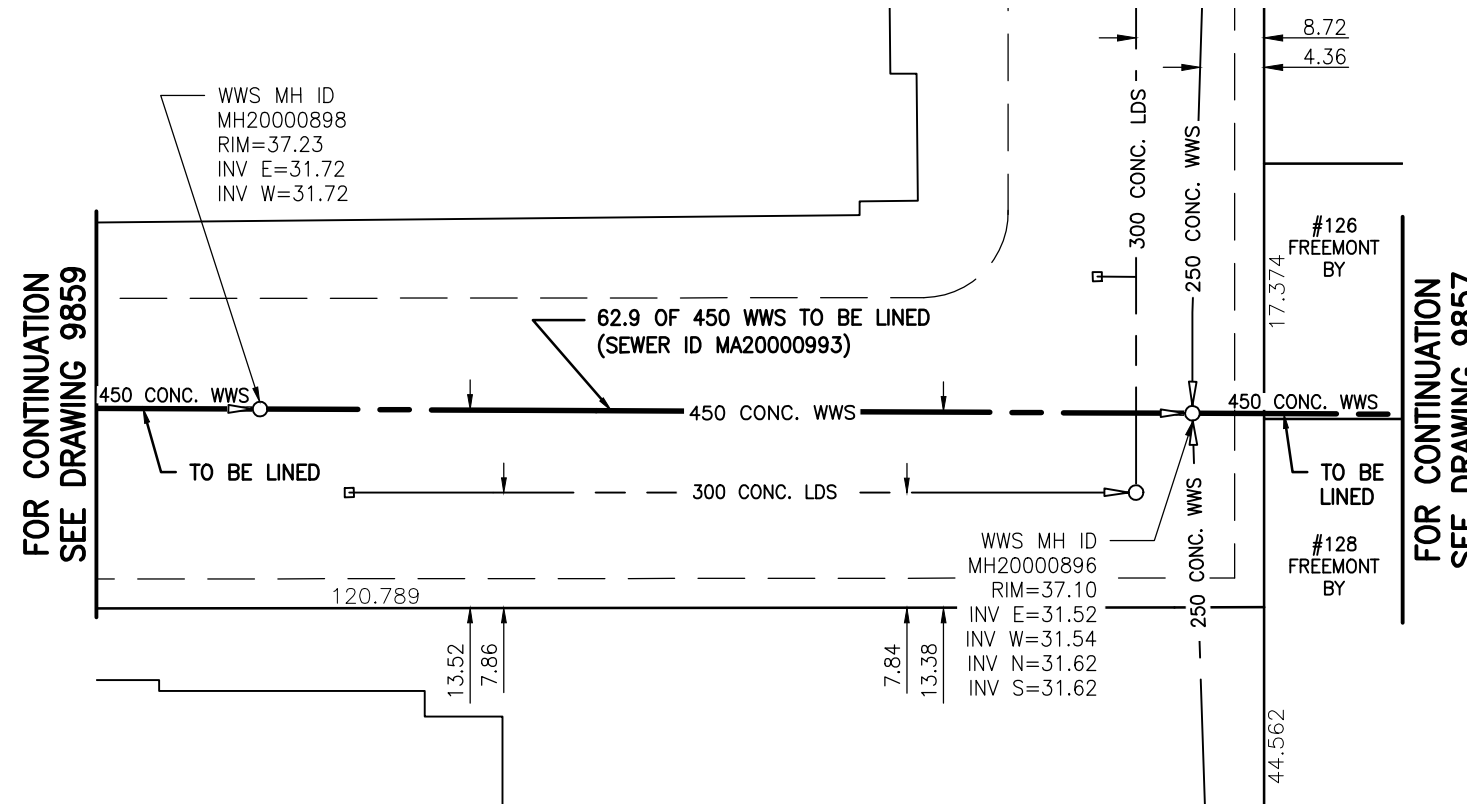
**SEWER JUNCTION INFORMATION  
FOR SEWER ID MA20000933**

REFERENCE—METERS EAST OF MANHOLE MH20000898

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
18.1	150	12	CNI	LIVE

ALL JUNCTION INFORMATION  
BASED ON CCTV INSPECTION

**LIVINIA AVENUE**



**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

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

BENCH MARK: N.Side Portage Ave. & Bedson St., Tblt. in most Sly. Conc. foundation of No. 3535 Portage Ave., 0.5 m E. & 0.3 m below Tyndall Stone of S.W. Cor. of apartment block.



Certificate of Authorization

Stantec Consulting Ltd.

No. 1301 Date: \_\_\_\_\_

**BID OPPORTUNITY 927-2011**

**LOCATION APPROVED  
UNDERGROUND STRUCTURES**

NO.	REVISIONS	DATE	BY

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.



**Stantec Consulting Ltd.**

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DESIGNED BY	J.K.H.	CHECKED BY	W.A.B.
DRAWN BY	K.R.	APPROVED BY	H.A.K.
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION:	
VERTICAL:	N/A	DATE	2011.10.07

ENGINEER'S SEAL

CONSULTANT DRAWING NO.  
**C-189**



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

**2011 SEWER RENEWALS  
BY CIPP LINING - CONTRACT 21  
LIVINIA AVENUE**

1ST MH E. OF DAVID ST. TO  
2ND MH E. OF DAVID ST.

SHEET OF	92 OF 119
CAD FILE DRAWING NUMBER	13220c-186-766.dwg
CITY DRAWING NUMBER	<b>9858</b>