

**SEWER JUNCTION INFORMATION
FOR SEWER ID MA20002141**

REFERENCE—METERS EAST OF MANHOLE MH20001956

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
19.7	100	10	JN	LIVE
23.3	100	09	JN	CAPPED
35.2	100	09	JX	-
39.6	100	10	JN	-

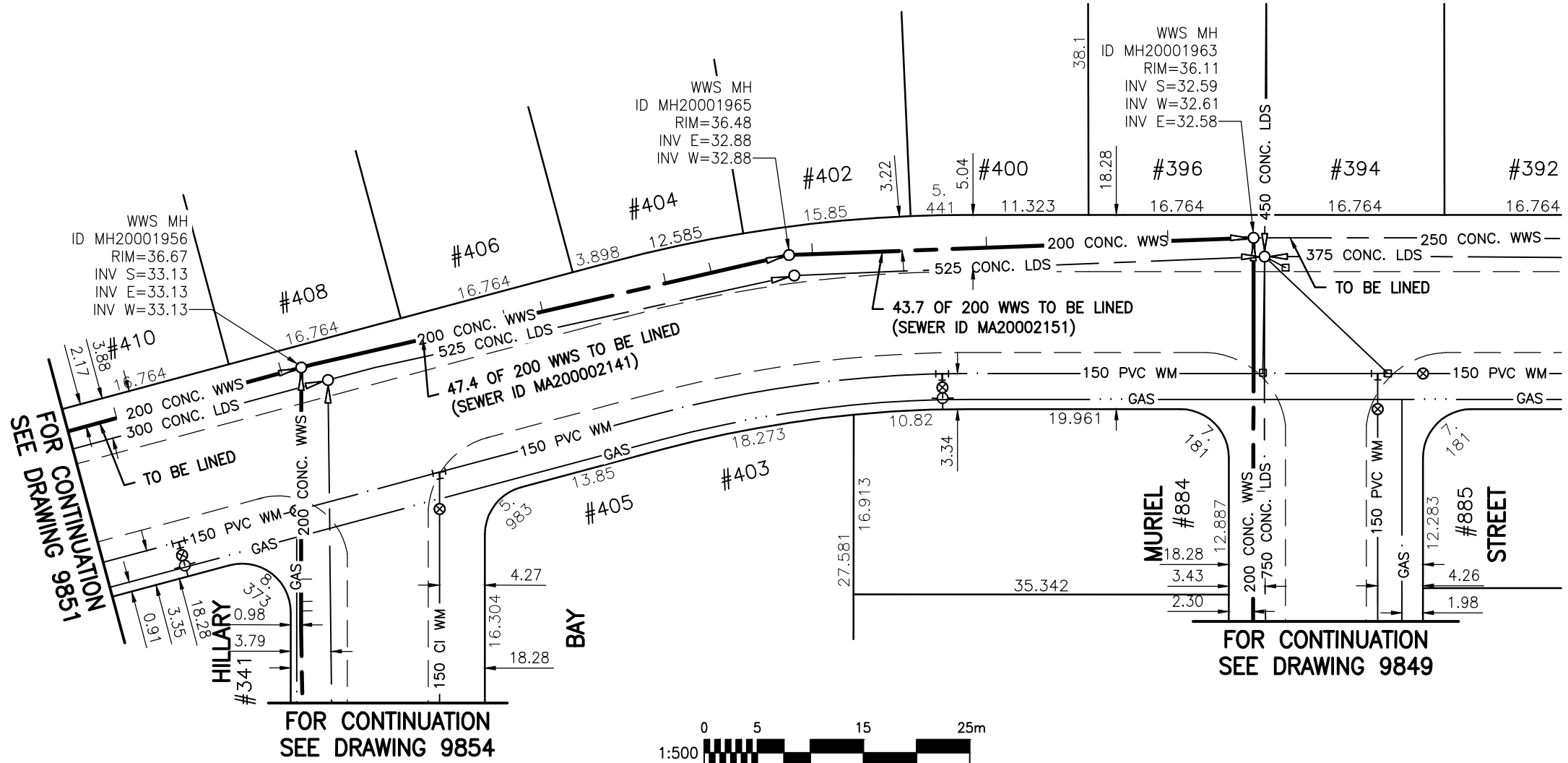
**SEWER JUNCTION INFORMATION
FOR SEWER ID MA20002151**

REFERENCE—METERS EAST OF MANHOLE MH20001965

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
2.2	100	09	JN	-
18.6	100	09	JN	LIVE
35.7	100	09	JN	-

ALL JUNCTION INFORMATION
BASED ON CCTV INSPECTION

HILLARY CRESCENT



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: W. side Cavalier Dr., S. of Fairlane Ave., Tblt. in E. Conc. foundation No. 664 Cavalier Dr., 2.5 m S. & 0.2 m below brick of N.E. Cor. of Dwelling.

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.

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

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	2011.10.05

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
C-181



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

**2011 SEWER RENEWALS
BY CIPP LINING - CONTRACT 21
HILLARY CRESCENT**

**MH AT MURIEL ST. (PL) TO
MH AT HILLARY BY. (PL)**

SHEET OF	84 OF 119
CAD FILE DRAWING NUMBER	13220c-161-766.dwg
CITY DRAWING NUMBER	9850