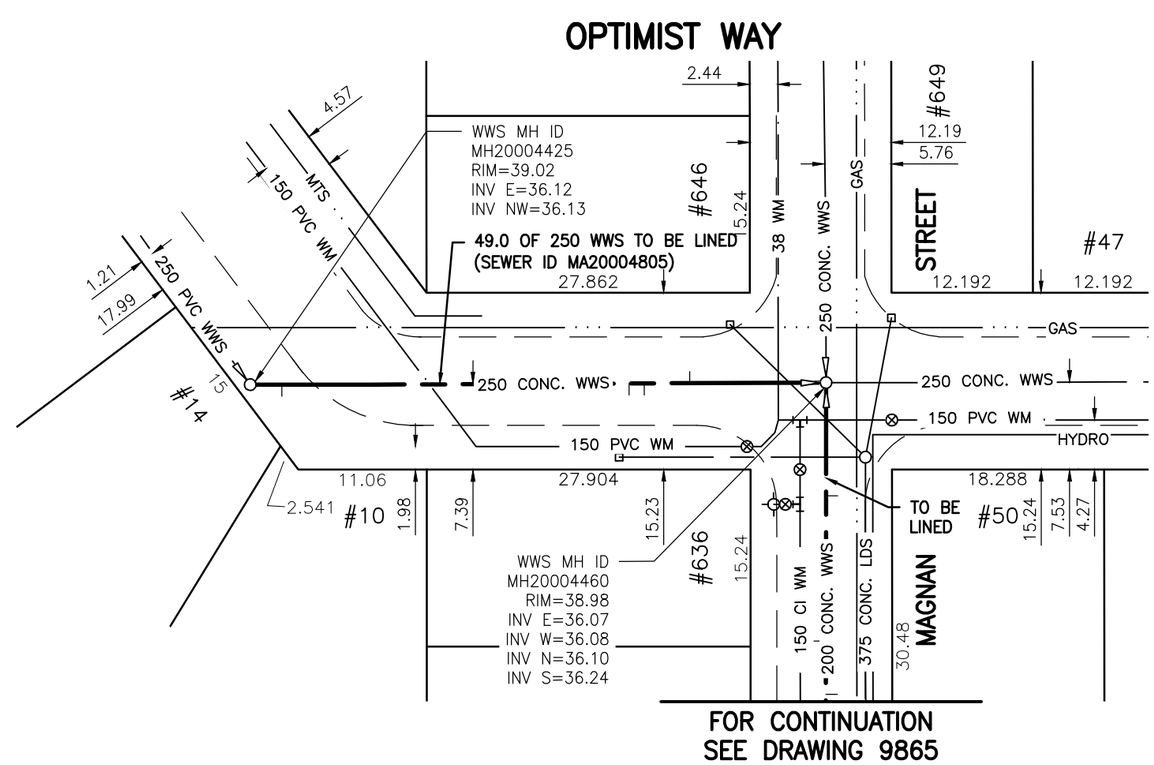
SEWER JUNCTION INFORMATION
FOR SEWER ID MA20004805

REFERENCE–METERS EAST OF MANHOLE MH20004425

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
2.7	150	02	CN	LIVE
32.6	150	02	CNI	LIVE
33.9	150	03	JN	–
37.8	150	10	JN	–

ALL JUNCTION INFORMATION
BASED ON CCTV INSPECTION



0 5 15 25m
1:500

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: 654009 (Geodetic Downs), E. side Perimeter Hwy., N. of Portage Ave., Tblt. in 7.6 m Conc. pile (See Sketch).

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:_____

BID OPPORTUNITY 927–2011

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. 40–004
ELEV. 239.466m

NO.	REVISIONS	DATE	BY

Stantec
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	2011.10.07	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
C-197

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 SEWER RENEWALS
BY CIPP LINING - CONTRACT 21
OPTIMIST WAY
1ST MH W. OF MAGNAN ST. TO MH AT MAGNAN ST.

SHEET 100 OF 119
CAD FILE DRAWING NUMBER
13220c-186-766.dwg
CITY DRAWING NUMBER
9866

\\CD1201-F02\work_group\1112\active\111213220\drawing\402_design\sheet_files\13220c-186-766.dwg
Date: 2011-12-19 4:44pm Login: Ammeter, Wes

97/766