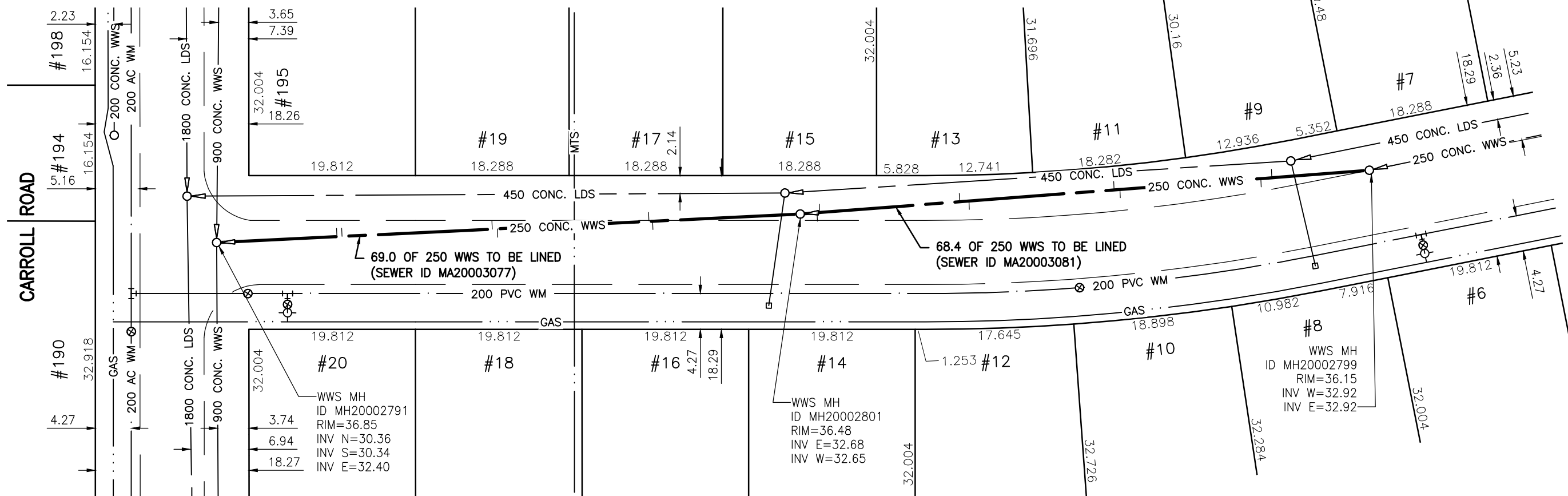




FROST AVENUE



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: 83R466 - N.E. Cor. Westwood Dr. & N. Leg of Sandburg Bay, Tblt. on top of 0.05 m dia x 2.4 m iron pipe, 7.4 m W. of W. wall & 9.6 m S. of S. wall of attached garage on W. side of No. 1 Sandburg Bay., or 19.3 m E. of W.L. Westwood Dr. & 3.2 m S. of N.L. Sandburg Bay.

SEWER JUNCTION INFORMATION FOR SEWER ID MA30003077

REFERENCE—METERS WEST OF MANHOLE MH20002801

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
17.6	100	09	CN	-
18.5	100	02	CN	LIVE
36.1	100	10	CN	-
36.7	100	02	CN	LIVE

REFERENCE—METERS EAST OF MANHOLE MH20002791

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
14.3	100	12	JN	LIVE
14.9	100	9	JN	-

SEWER JUNCTION INFORMATION FOR SEWER ID MA30003081

REFERENCE—METERS EAST OF MANHOLE MH20002801

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
2.0	100	02	CN	LIVE
2.2	100	10	CNI	LIVE
19.0	100	09	CN	-
20.1	100	02	CN	LIVE
37.4	100	10	CN	-
38.1	100	02	CN	-

ALL JUNCTION INFORMATION BASED ON CCTV INSPECTION

REFERENCE—METERS WEST OF MANHOLE MH20002799

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	DESCRIPTION
11.6	100	03	CN	LIVE
12.8	100	09	CNI	LIVE



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

BID OPPORTUNITY 927-2011

LOCATION APPROVED UNDERGROUND STRUCTURES

B.M. 41-034
 ELEV. 236.265m

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.	REVISIONS	DATE	BY



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	2011.10.03	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
C-129



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2011 SEWER RENEWALS
 BY CIPP LINING - CONTRACT 21
FROST AVENUE
 MH AT CARROLL RD. TO
 1ST MH W. OF WESTWOOD DR.

SHEET OF	32 OF 119
CAD FILE DRAWING NUMBER	I3220c-116-766.dwg
CITY DRAWING NUMBER	9798

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 Date: 2011-12-19 3:35pm Login: Ammeter, Wes
 29/766