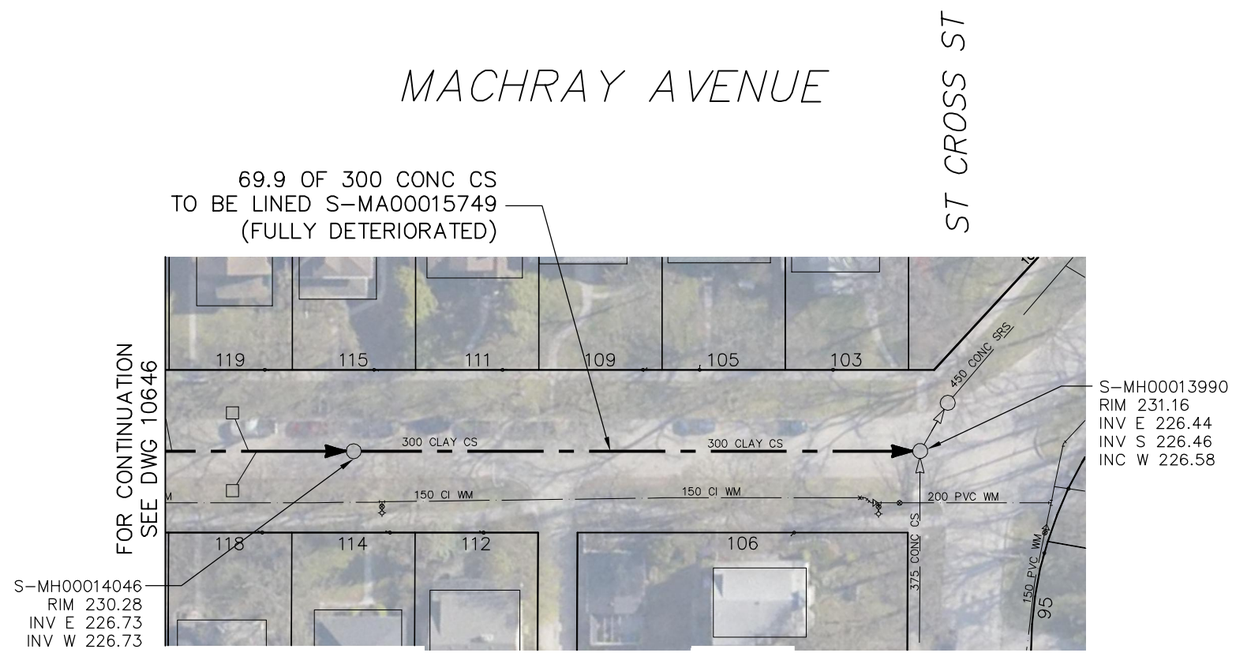
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA00015749		
DISTANCE FROM MH ID S-MH00014046		
DISTANCE	DIAMETER	CLOCK
6.2	150	11
6.8	150	2
21.4	150	10
22.0	150	1
36.7	150	10
37.3	150	2
44.3	150	10
59.2	150	11
60.0	150	1



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 210/72 FOR DETAILS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 10.0 20.0 30.0 40.0

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.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	RS	APPROVED BY	KZ
SCALE: HORIZONTAL	1:750	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2013 12 10	DATE	

PLOT DATE: 2013 12 10

ENGINEER'S SEAL

ORIGINAL SIGNED BY S.R.J. COURNOYER 12-11-28

CONSULTANT DRAWING NUMBER
–

BID OPPORTUNITY: 965-2013
CONTRACT NUMBER: 12

Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2013 SEWER RENEWALS
BY CIPP LINING

MACHRAY AVENUE

MH AT ST CROSS STREET (W PL) TO
1ST MH W OF ST CROSS STREET (CL)

SHEET 27 OF 46

CITY DRAWING NUMBER
10647

FILE PATH: R:\DRAWINGS\SEWER\2013_RENEWALS\CIPP'S\CONTRACT 13\CIPP's\
FILE NAME: MACHRAY_emslie.dwg