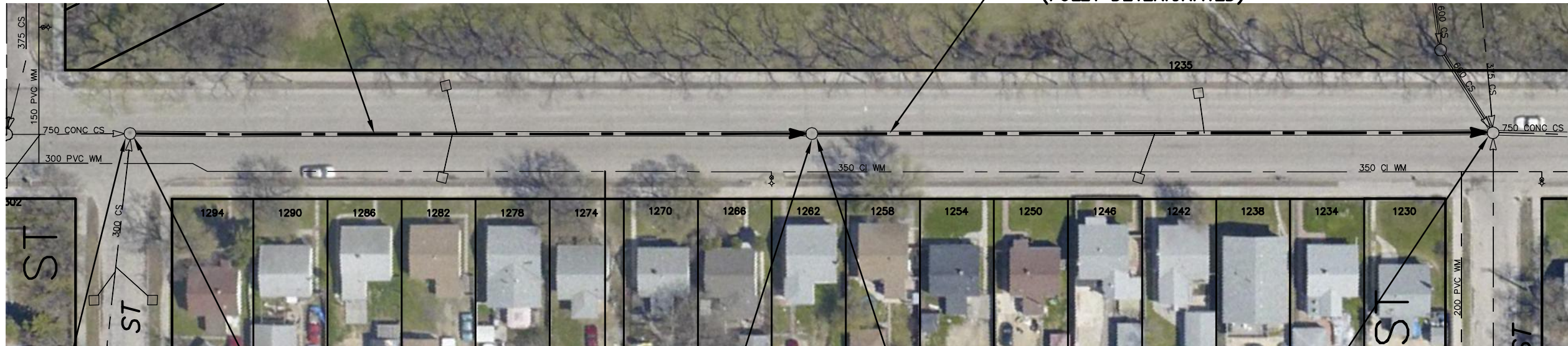


LOGAN AVENUE



106.40 OF 750 CONC WWS
TO BE LINED S-MA70024708
(FULLY DETERIORATED)

106.50 OF 750 CONC WWS
TO BE LINED S-MA70024709
(FULLY DETERIORATED)



REPAIR MH
(TO BE DONE BY OTHERS)

S-MH20011905
RIM 232.23
INV E 226.72
INV S 226.72
INV W 226.72

S-MH70008536

REPAIR MH
(TO BE DONE BY OTHERS)

S-MH20011918
INV N 226.41
INV N 227.33
INV S 226.48
INV E 226.48
INV W 223.43

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION			
SEWER ID S-MA70024708			
DISTANCE FROM MH ID S-MH20011905			
DISTANCE	DIAMETER	CLOCK	
15.5	150	2	
26.6	150	2	
35.9	150	2	
49.0	150	2	
50.4	150	2	
51.1	150	3	
52.3	150	10	
58.9	150	2	
71.9	150	2	
81.4	150	3	
96.0	150	2	
101.3	150	2	
104.7	150	2	

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA70024709		
DISTANCE FROM MH ID S-MH70008536		
DISTANCE	DIAMETER	CLOCK
3.1	150	1
3.1	150	11
13.2	150	2
25.0	150	2
32.8	150	2
49.9	150	2
51.2	150	10
58.7	150	3
60.0	150	1
73.6	150	2
78.9	150	1
90.0	150	3
90.0	150	9
90.5	150	1
97.5	150	9
105.1	150	12

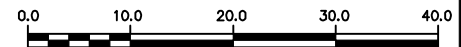
WARNING

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



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:	1:750	RELEASED FOR CONSTRUCTION	
HORIZONTAL			
VERTICAL			
DATE	2012 08 17	DATE	

ENGINEER'S SEAL

ORIGINAL SIGNED BY
S.R.J. COURNOYER
AUG. 15, 2012

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: ??-????
CONTRACT NUMBER: ??



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2012 SEWER RENEWALS
BY CIPP LINING
LOGAN AVENUE
MH AT WINKS STREET TO
MH AT BLAINE STREET

SHEET 24 OF 57

CITY DRAWING NUMBER

10296

FILE PATH: R:\DRAWINGS\SEWER\2012_RENEWALS\CIPP, TPR, and EPR\CONTRACT 10\CIPP LINING\
FILE NAME: LOGAN.dwg

PLOT DATE: 2012 08 17