

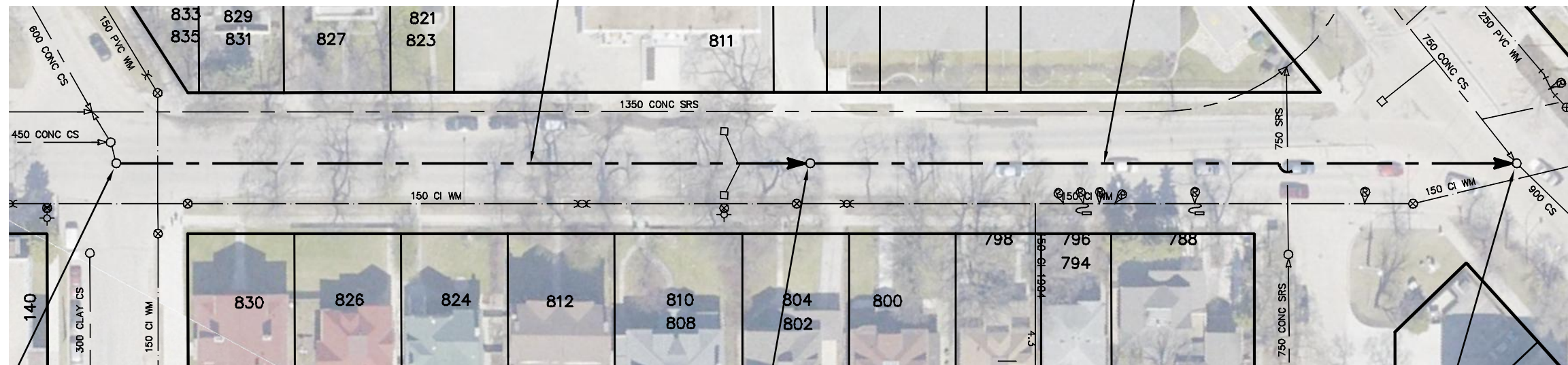
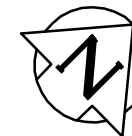
GROSVENOR AVENUE

RUSKIN RW

WELLINGTON CR

98.90 OF 600 CONC CS
TO BE LINED S-MA70015372
(FULLY DETERIORATED)

101.10 OF 600 CONC CS
TO BE LINED S-MA60010858
(FULLY DETERIORATED)



S-MH70006225
RIM 231.90
INV E 226.08
INV N 226.08

LILAC ST

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA70015372		
DISTANCE FROM MH ID S-MH70006225		
DISTANCE	DIAMETER	CLOCK
20.2	150	10
21.1	150	2
29.4	150	10
36.8	150	2
40.4	150	12
52.1	150	1
58.9	150	11
67.1	150	10
67.1	150	1
70.0	150	1
71.0	150	10
74.6	150	10
80.6	150	1
84.1	150	2
84.1	150	10
93.8	150	1

S-MH60009135
RIM 231.64
INV E 225.83
INV W 225.84

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA60010858		
DISTANCE FROM MH ID S-MH60009135		
DISTANCE	DIAMETER	CLOCK
7.2	150	10
9.1	150	10
10.4	150	2
25.4	150	10
33.2	150	2
39.7	150	10
40.9	150	2
52.3	150	11
55.3	150	2
68.3	150	12

S-MH60009172
RIM 231.79
INV E 225.23
INV W 225.48
INV W 224.23

ARBUTHNOT ST

WARNING

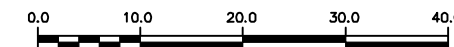
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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

ENGINEER'S SEAL	
DESIGNED BY	TS
CHECKED BY	SC
DRAWN BY	MA
APPROVED BY	KZ
SCALE:	1:750
HORIZONTAL	
VERTICAL	
RELEASED FOR CONSTRUCTION	
CONSULTANT DRAWING NUMBER	-
DATE	2013 10 24
PLOT DATE:	2013 10 24

ORIGINAL SIGNED BY
S.R.J. COUNROYER
13-10-24



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2013 SEWER RENEWALS
BY CIPP LINING
GROSVENOR AVENUE
MH AT LILAC STREET TO
MH AT WELLINGTON CRESCENT

SHEET 15 OF 46

CITY DRAWING NUMBER

10584