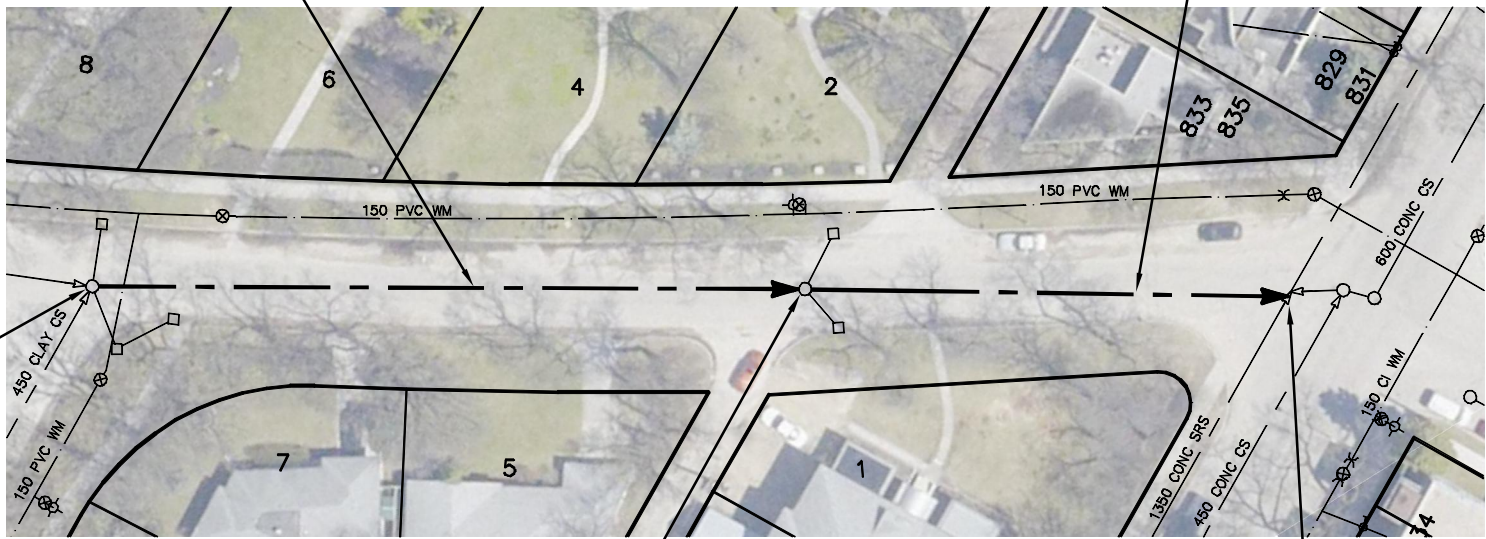


68.80 OF 600 CONC CS  
TO BE LINED S-MA60010849  
(FULLY DETERIORATED)

RUSKIN ROW

46.10 OF 600 CONC CS  
TO BE LINED S-MA70015377  
(FULLY DETERIORATED)



S-MH60009169  
RIM 231.72  
INV E 226.43  
INV W 226.69  
INV W 226.47

S-MH60009125  
RIM 231.77  
INV E 226.20  
INV W 226.20

S-TE70007043

YALE AVE

GROSVENOR AVE

SEWER JUNCTION INFORMATION FROM  
SEWER VIDEO INSPECTION  
SEWER ID S-MA60010849

DISTANCE FROM MH ID S-MH60009169		
DISTANCE	DIAMETER	CLOCK
2.1	150	11
4.1	150	1
11.6	150	11
18.2	150	11
25.1	150	12
38.9	150	11
38.9	150	1
50.9	150	11
66.2	150	10
67.0	150	1

SEWER JUNCTION INFORMATION FROM  
SEWER VIDEO INSPECTION  
SEWER ID S-MA70015377

DISTANCE FROM MH ID S-MH60009125		
DISTANCE	DIAMETER	CLOCK
12.7	150	10
13.3	150	2
18.7	150	12
25.4	150	2
33.2	150	10

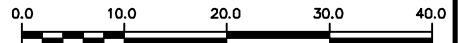
**WARNING**

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	TS	CHECKED BY	SC
DRAWN BY	MA	APPROVED BY	KZ
SCALE:	1:750	RELEASED FOR CONSTRUCTION	
HORIZONTAL			
VERTICAL			
DATE	2013 10 24	DATE	
PLOT DATE: 2013 10 24			

ENGINEER'S SEAL  
  
**ORIGINAL SIGNED BY**  
**S.R.J. COURNOYER**  
**13-10-24**  
  
CONSULTANT DRAWING NUMBER  
-



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

**2013 SEWER RENEWALS**  
**BY CIPP LINING**  
**RUSKIN ROW**  
**MH AT YALE AVENUE TO**  
**NODE ON GROSVENOR STREET (N OF ㉔)**

SHEET **28** OF **46**  
CITY DRAWING NUMBER  
**10597**