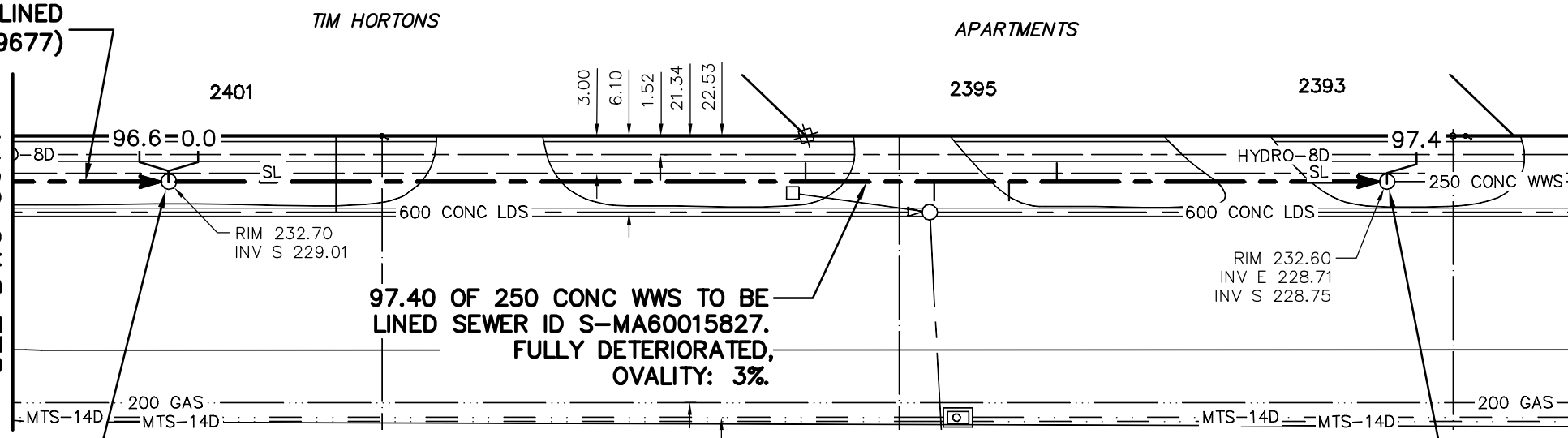


PEMBINA HIGHWAY



TO BE LINED
(SEE DWG 9677)

FOR CONTINUATION
SEE DWG 9677



97.40 OF 250 CONC WWS TO BE LINED
SEWER ID S-MA60015827.
FULLY DETERIORATED,
OVALITY: 3%.

MH ID S-MH60013543
MH OPENING - 521Ø
MH RISERS - 750Ø
MH BASE - 1200Ø

MH ID S-MH60013583
MH OPENING - 521Ø
MH RISERS - 750Ø
MH BASE - 1200Ø

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

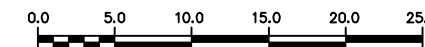
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60015827

DISTANCE FROM MH ID S-MH60013543

DISTANCE	DIRECTION	DIAMETER	CLOCK	CODE
51.0	NORTH	250	9	CNI
61.3	NORTH	100	2	CNI
67.3	NORTH	250	9	CXI
71.1	NORTH	150	10	CNI

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	CJH	APPROVED BY	KZ
SCALE:	1:500	RELEASED FOR CONSTRUCTION	SIGNED BY K.R. ZUREK
HORIZONTAL		DATE	2011 11 23
VERTICAL		DATE	2011 11 23

ENGINEER'S SEAL

ORIGINAL SIGNED BY
S.R.J. COURNOYER
NOV. 21, 2011

CONSULTANT DRAWING NUMBER



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2011 SEWER RENEWALS
BY CIPP LINING
PEMBINA HIGHWAY
3RD MH N OF BISON DRIVE TO
4TH MH N OF BISON DRIVE

SHEET 60 OF 95

CITY DRAWING NUMBER

9678