



TO BE LINED  
(SEE DWG 9673)

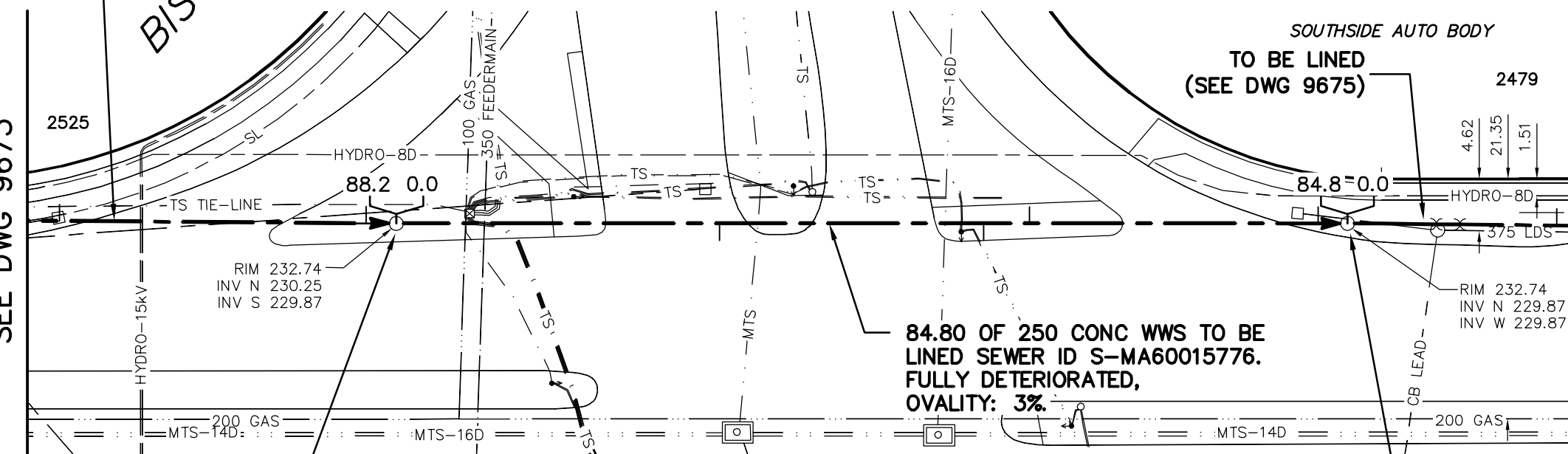
BISON DR

PEMBINA HIGHWAY

SOUTHSIDE AUTO BODY  
TO BE LINED  
(SEE DWG 9675)

FOR CONTINUATION  
SEE DWG 9673

FOR CONTINUATION  
SEE DWG 9675



MH ID S-MH60013490  
MH OPENING - 521Ø  
MH RISERS - 750Ø  
MH BASE - 1200Ø

84.80 OF 250 CONC WWS TO BE  
LINED SEWER ID S-MA60015776.  
FULLY DETERIORATED,  
OVALITY: 3%.

MH ID S-MH60013491  
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.

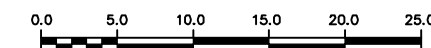
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA60015776

DISTANCE FROM MH ID S-MH60013490				
DISTANCE	DIRECTION	DIAMETER	CLOCK	CODE
28.8	NORTH	150	3	CNI
52.3	NORTH	150	2	CNI
56.4	NORTH	150	10	CNI
82.1	NORTH	150	10	CN

**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**  
MH AT S R BISON DRIVE TO  
MH AT N R BISON DRIVE

SHEET 56 OF 95  
CITY DRAWING NUMBER

9674

PLOT DATE: 2011 11 23

BID OPPORTUNITY: 811-2011  
CONTRACT NUMBER: 19

FILE PATH: R:\DRAWINGS\SEWER\2011\_RENEWALS\2011 CIPP LININGS\CONTRACT 2\CIPP DRAWINGS\  
FILE NAME: 9673-9678.dwg