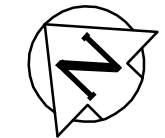
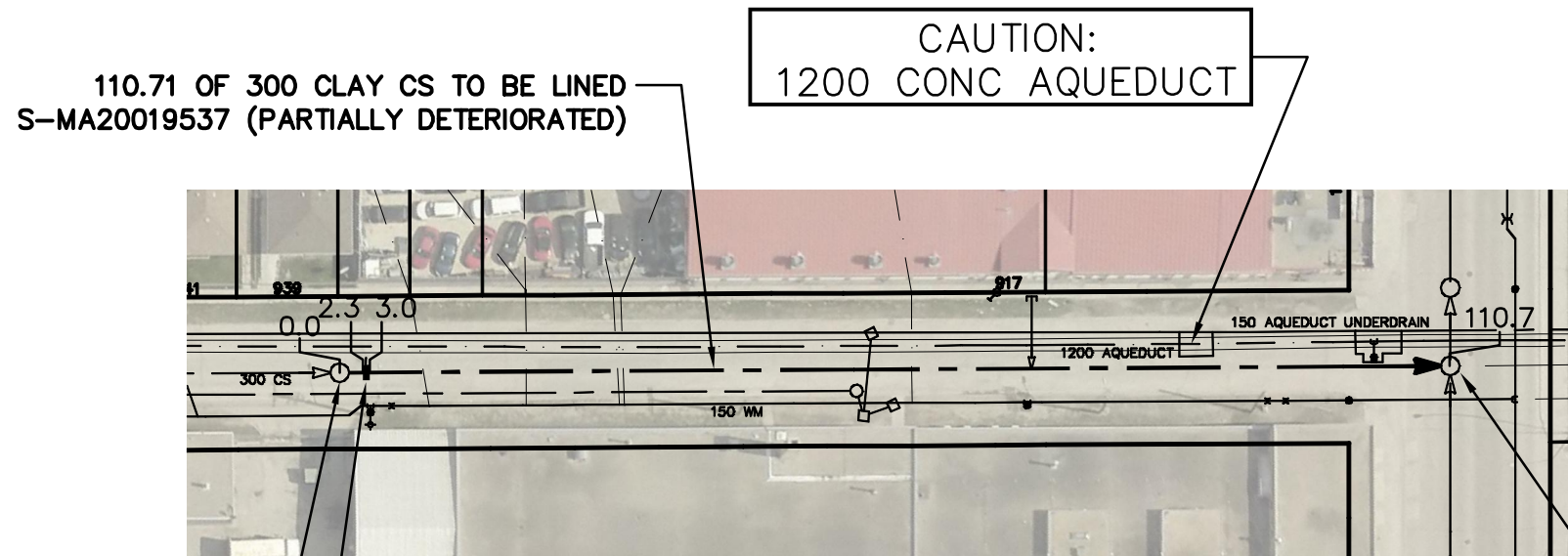


SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA20019537		
DISTANCE FROM MH ID S-MH20017548		
DISTANCE	DIAMETER	CLOCK
2.60	100	5
23.10	150	3
27.40	150	10
35.00	150	9
50.70	200	2
54.50	200	2
55.00	200	11
58.80	150	10
68.30	150	11
79.70	150	2
90.30	150	8
99.70	150	4
100.30	150	3
104.10	150	3



PACIFIC AVENUE



INSTALLATION EQUIPMENT FOR THE PROPOSED WORKS SHALL NOT CROSS OR TRAVEL ALONG EITHER SIDE OF THE AQUEDUCT WITHIN A LATERAL DISTANCE OF 8.0 METERS FROM THE CENTERLINE OF THE AQUEDUCT AND/OR FEEDERMAN.

CONCRETE DEMOLITION AND REMOVAL WITHIN 3 METERS HORIZONTALLY OF THE AQUEDUCT AND/OR FEEDERMAN SHALL BE COMPLETED BY SANCUTTING AND REMOVAL, OR BY THE USE OF HAND HELD JACKHAMMERS. USE OF MACHINE MOUNTED CONCRETE BREAKERS ABOVE THE AQUEDUCT AND/OR FEEDERMAN SHALL NOT BE PERMITTED.

DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITHIN 3.0 METERS OF THE AQUEDUCT AND/OR FEEDERMAN.

A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING AQUEDUCT OR FEEDERMAN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.

A MINIMUM CLEARANCE OF 0.5 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING AQUEDUCT OR FEEDERMAN BY TRENCHLESS OR OPEN TRENCH.

A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTERLINE OF THE AQUEDUCT AND/OR FEEDERMAN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE AQUEDUCT AND/OR FEEDERMAN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.

S-MH20017548
RIM 232.07
INV W 228.64
INV E 229.30

0.7m OF 300mm PVC SEWER REPAIR (SD-022A) INCLUDING 1 SERVICE CONNECTION (TO BE DONE BY OTHERS)

S-MH20017568
RIM 232.24
INV W 228.87
INV N 228.87
INV S 228.87

WARNING

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

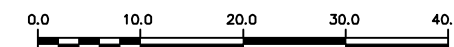
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE 11020

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.			
NO.	REVISIONS	DATE	BY
1	ADD AQUEDUCT NOTE	16/02/10	RS

DESIGNED BY	NC	CHECKED BY	SC
DRAWN BY	CN	APPROVED BY	KZ
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	1:750	KAS ZUREK	
VERTICAL		CONSULTANT DRAWING NUMBER	-
DATE	2016 02 11	DATE	

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
N.M.
CONTI
16/02/11



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2015 SEWER RENEWALS
BY CIPP LINING
PACIFIC AVENUE
1ST MH E OF XANTE STREET TO
MH AT ARLINGTON STREET

SHEET 35 OF 56

CITY DRAWING NUMBER

11051