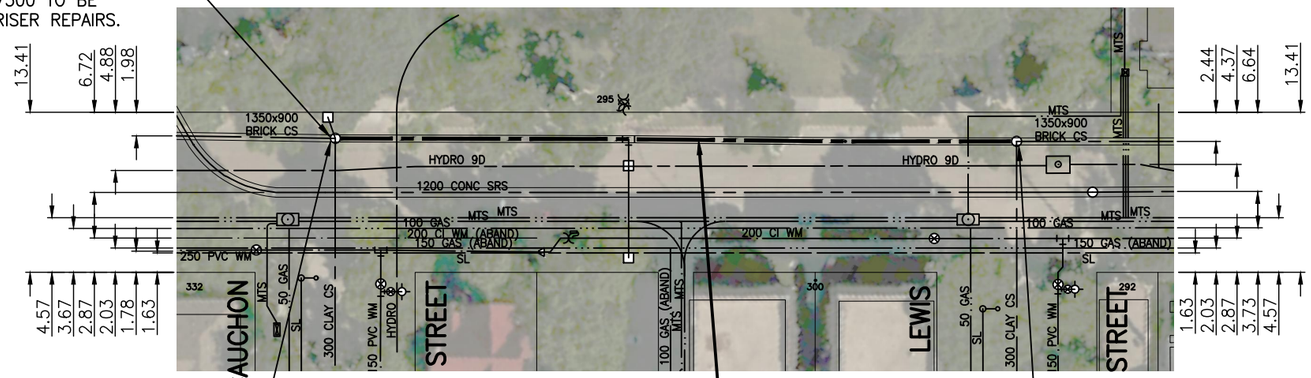
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA60020227		
DISTANCE FROM MH60017500		
DISTANCE	DIAMETER	CLOCK
10.9	100	2:00
13.2	150	11:00
25.1	150	9:00
37.3	150	1:00
41.1	150	2:00
47.5	150	3:00
56.0	150	9:00
59.0	150	10:00
63.2	150	1:00
63.3	150	3:00
77.6	100	2:00

REMOVE AND REPLACE TOP 1.6m BRICK RISERS WITH PRE-CAST CONCRETE RISERS BELOW FRAME. CAUTION: LARGE TREE APPROX. 0.3m FROM MH60017500 TO BE PROTECTED DURING RISER REPAIRS.

RIVER AVENUE



MH ID MH60017500
RIM 231.368
INV S 224.200
INV E 223.778
INV W 223.778

MH ID MH60017497
RIM 231.417
INV S 224.060
INV E 224.067
INV W 224.067

85.1 OF 1350x900 BRICK SEWER TO BE LINED (SEWER ID S-MA60020227)

FOR INDEX SEE D-12797

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

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 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

1:750 0 7.5 22.5 37.5m

TENDER NO. 89-2021

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
2	ISSUED FOR TENDER	21.03.22	RS
1	ISSUED FOR REVIEW	21.03.12	RS

Stantec
311 Portage Avenue, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	RS	CHECKED BY	RS
DRAWN BY	OS	APPROVED BY	RS
HOR. SCALE:	1:750	RELEASED FOR CONSTRUCTION:	
VERTICAL:			
DATE	21.03.01	DATE	March 19, 2021

ENGINEER'S SEAL
PROVINCE OF MANITOBA
2021-03-22
R. M. SHERLOCK
Member
24045
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
C-105

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2021 SEWER RENEWALS BY CIPP LINING (LARGE DIAMETER)
CONTRACT 3
RIVER AVENUE
MH AT CAUCHON STREET TO
MH AT LEWIS STREET

SHEET 07 OF 11
CAD FILE DRAWING NUMBER 20070c-101.dwg
CITY DRAWING NUMBER 12802

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