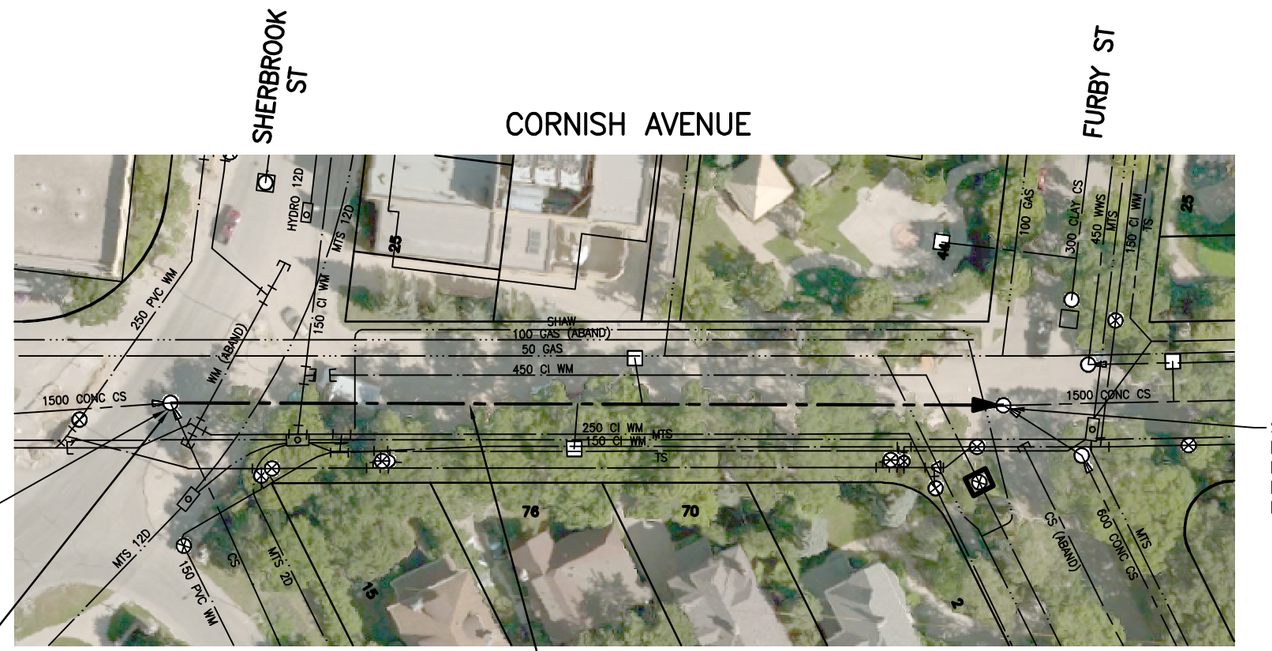
SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
SEWER ID S-MA20013653		
DISTANCE FROM MH20012366		
DISTANCE	DIAMETER	CLOCK
13.5	100	2:00
18.4	100	2:00
25.5	150	2:00
31.6	150	11:00
31.6	150	1:00
35.0	150	10:00
36.5	150	10:00
45.1	150	2:00
48.5	150	1:00
48.5	150	11:00
56.0	150	10:00
59.4	150	1:00
74.5	150	11:00
74.5	150	1:00
85.3	150	2:00
90.5	150	1:00
96.0	150	11:00



S-MH20012366
RIM 232.781
INV W 224.281
INV E 224.281
INV S 224.780

REMOVE AND REPLACE TOP 0.8m CONC. RISERS BELOW FRAME w/750 PRECAST CONC. RISERS. REPLACE MANHOLE COVER.

S-MH20012418
RIM 232.268
INV W 224.118
INV E 224.118
INV SE 224.410

104.8 OF 1500 CONC CS TO BE LINED S-MA20013653 (FULLY DETERIORATED)

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

FOR INDEX SEE 13042

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
1:750 0 7.5 22.5 37.5m

TENDER NO. 212-2022

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	22.05.06	RS
1	ISSUED FOR REVIEW	22.04.29	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: VERTICAL:	1:750	RELEASED FOR CONSTRUCTION: SC	
DATE	22.03.15	DATE	22.05.04

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
C-104

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2022 SEWER RENEWALS BY CIPP LINING (LARGE DIAMETER)
CONTRACT 3
CORNISH AVENUE
MH AT SHERBROOK ST
TO MH AT MIDDLE GATE

SHEET 06 OF 12
CAD FILE DRAWING NUMBER 20592c-101.dwg
CITY DRAWING NUMBER 13046

V:\1112\active\111220592\0300_drawing\0302_sheet_files\02_civil\20592c-101.dwg