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12	13052	MISCELLANEOUS DETAILS

**HATCH PATTERNS**

EXTERNAL POINT REPAIR LOCATION

**CONSTRUCTION NOTES**

- CONFIRM LOCATIONS OF ALL SEWER SERVICES.
- EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA, INCLUDING SIDEWALKS, TO BE CLASS 3 BACKFILL.
- EXCAVATIONS MORE THAN 1 METRE FROM PAVEMENT TO BE CLASS 5 BACKFILL.

**ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
ℙ	PROPERTY LINE
℄	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT-OF-WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X-ING	CROSSING
HYD	HYDRANT
EXIST	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

**LEGEND**

EXISTING	PROPOSED



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

**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.	ISSUED FOR	DATE	BY
	2	ISSUED FOR TENDER	22.05.06	RS
	1	ISSUED FOR REVIEW	22.04.29	RS
		REVISIONS		


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DESIGNED BY	RS	CHECKED BY	RS
DRAWN BY	OS	APPROVED BY	RS
HOR. SCALE:	1:750	RELEASED FOR CONSTRUCTION:	SC
VERTICAL:		DATE	22.05.04

ENGINEER'S SEAL

CONSULTANT DRAWING NO.  
**G-002**


**THE CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**

**2022 SEWER RENEWALS BY CIPP LINING (LARGE DIAMETER)**  
 CONTRACT 3  
**INDEX PAGE**

SHEET	OF
<b>02</b>	<b>12</b>
CAD FILE DRAWING NUMBER	
<b>20592g-002.dwg</b>	
CITY DRAWING NUMBER	
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