HydroCam

SAFE DIGGING, SEWER MAINTENANCE & CCTV INSPECTIONS
EXCAVATION SÉCURITAIRE, ENTRETIEN D'ÉGOUTS ET INSPECTION PAR TVCF

STORM & SANITARY SEWER CCTV INSPECTION REPORT

Report: HYD-25495
Completion date: September 25th 2025
Sewer use: Storm & Sanitary
Project: CCTV - 4000 Riverside Drive , Ottawa

PO Box 49
Hawkesbury, ON
K6A 2R8

Tel: 613-317-6641
Fax: 613-632-2932

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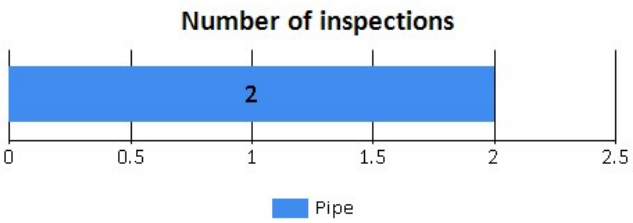
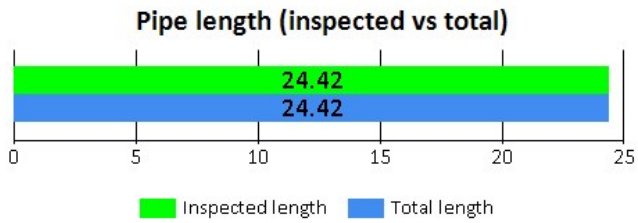
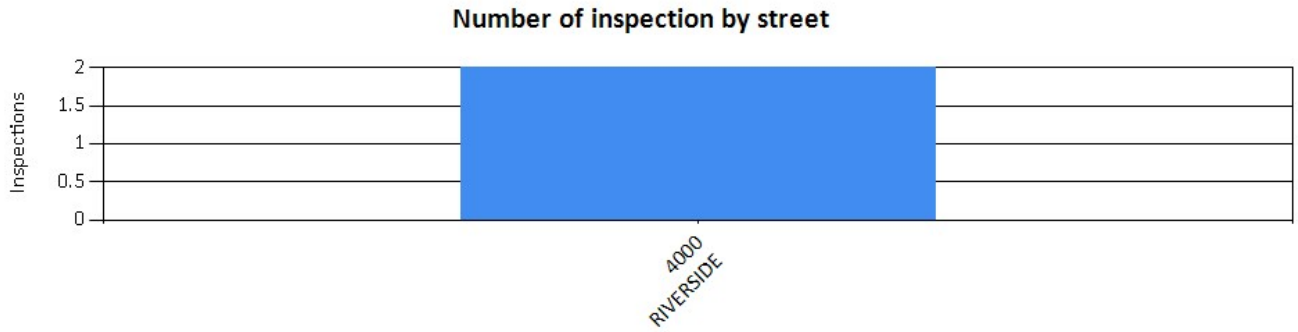
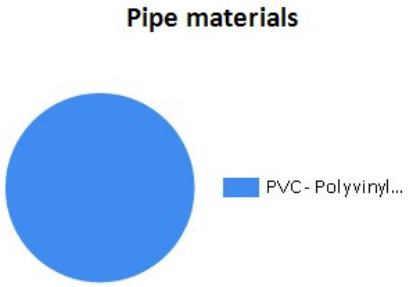
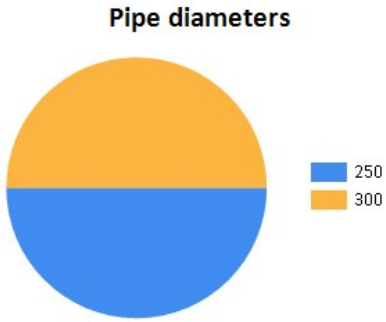
1. Graphical summary of the report

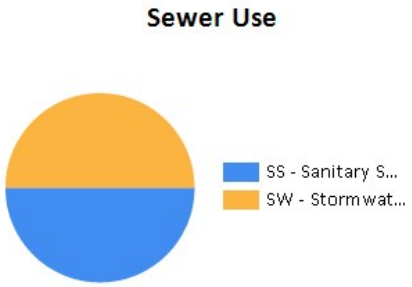


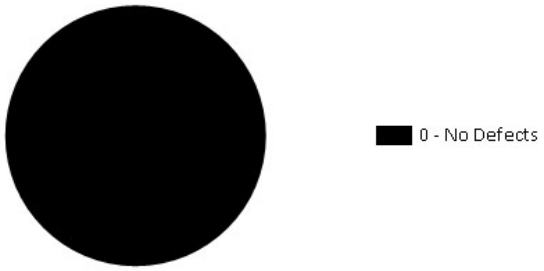




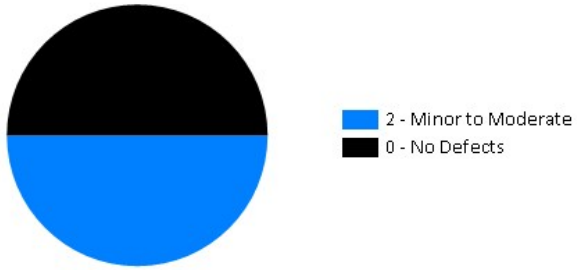






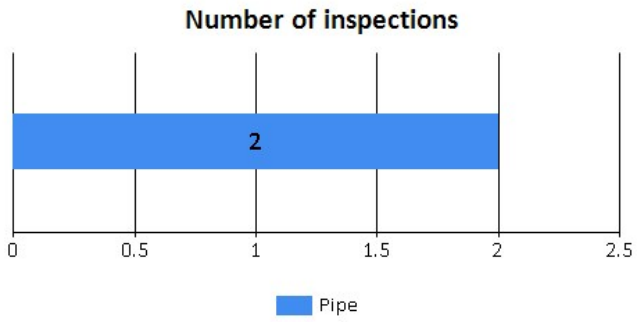


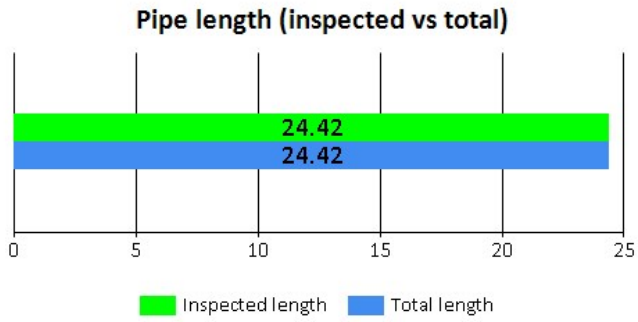
Most important structural observations (Grades 3, 4 and 5)



Most important operation & maintenance observations (Grades 3, 4 and 5)

2. Index of pipes

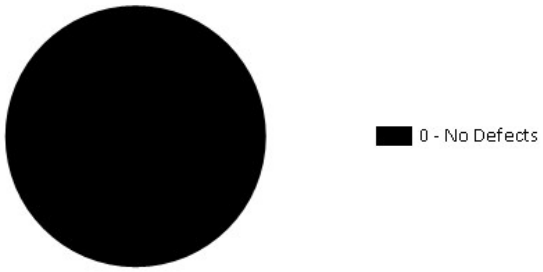




Pipe	Start/End	Direction	Road	Date	Inspected	Total	Completed	Inspection Status	Page
SAN MH3 - MAIN LINE	SAN MH3 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	25/09/2025, 2:29 PM	16.41	16.41	100 %	Complete Inspection	7
STM MH2 - MAIN LINE	STM MH2 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	25/09/2025, 1:46 PM	8.01	8.01	100 %	Complete Inspection	9

3. Structural rating

Structural rating of the pipes



Most important structural observations (Grades 3, 4 and 5)

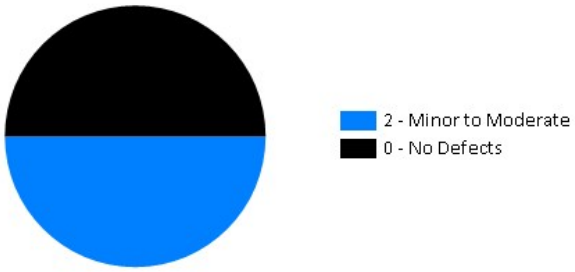
2 items

0 - No Defects (2 of 2 items)

Score	Quick	Index	Pipe	Start/End	Direction	Street	Page
0	0000	0	SAN MH3 - MAIN LINE	SAN MH3 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	7
0	0000	0	STM MH2 - MAIN LINE	STM MH2 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	9

4. O&M rating

Operation and maintenance rating of the pipes



Most important operation & maintenance observations (Grades 3, 4 and 5)

2 items

2 - Minor to Moderate (1 of 2 items)

Score	Quick	Index	Structural	Pipe	Start/End	Direction	Street	Page
2	2100	2	0	STM MH2 - MAIN LINE	STM MH2 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	9

0 - No Defects (1 of 2 items)

Score	Quick	Index	Structural	Pipe	Start/End	Direction	Street	Page
0	0000	0	0	SAN MH3 - MAIN LINE	SAN MH3 --> MAIN LINE	Direction of flow	4000 RIVERSIDE	7

5. Pipe summary and condition details

Pipe identification

Pipe:	SAN MH3 - MAIN LINE	**Direction of inspection:**	SAN MH3 --> MAIN LINE
Direction of flow:	SAN MH3 --> MAIN LINE	**Direction:**	Downstream

Pipe location

			UPSTREAM	DOWNSTREAM
Road:	4000 RIVERSIDE	**Easting (X):**		
Crossroad:		**Northing (Y):**		
Drainage Area:		**Elevation (Z):**		
City:	OTTAWA			
Location:		**GPS Accuracy:**		
Location details:		**Coordinate System:**		
Owner:		**Vertical Datum:**		
Road segment:				

Pipe characteristics

Pipe Use:	Sanitary Sewage Pipe	**Surveyed Length:**	16.41
Height:	250	**Total length:**	16.41
Width:		**Joint length:**	
Shape:	Circular	**Rim/Inv.:**	
Material:	Polyvinyl Chloride	**Grade/Inv.:**	
Lining:		**Rim/Grade:**	
Coating Method:		**Rim/Inv.:**	
Year Constructed:		**Grade/Inv.:**	
Year renewed:		**Rim/Grade:**	

Additional details

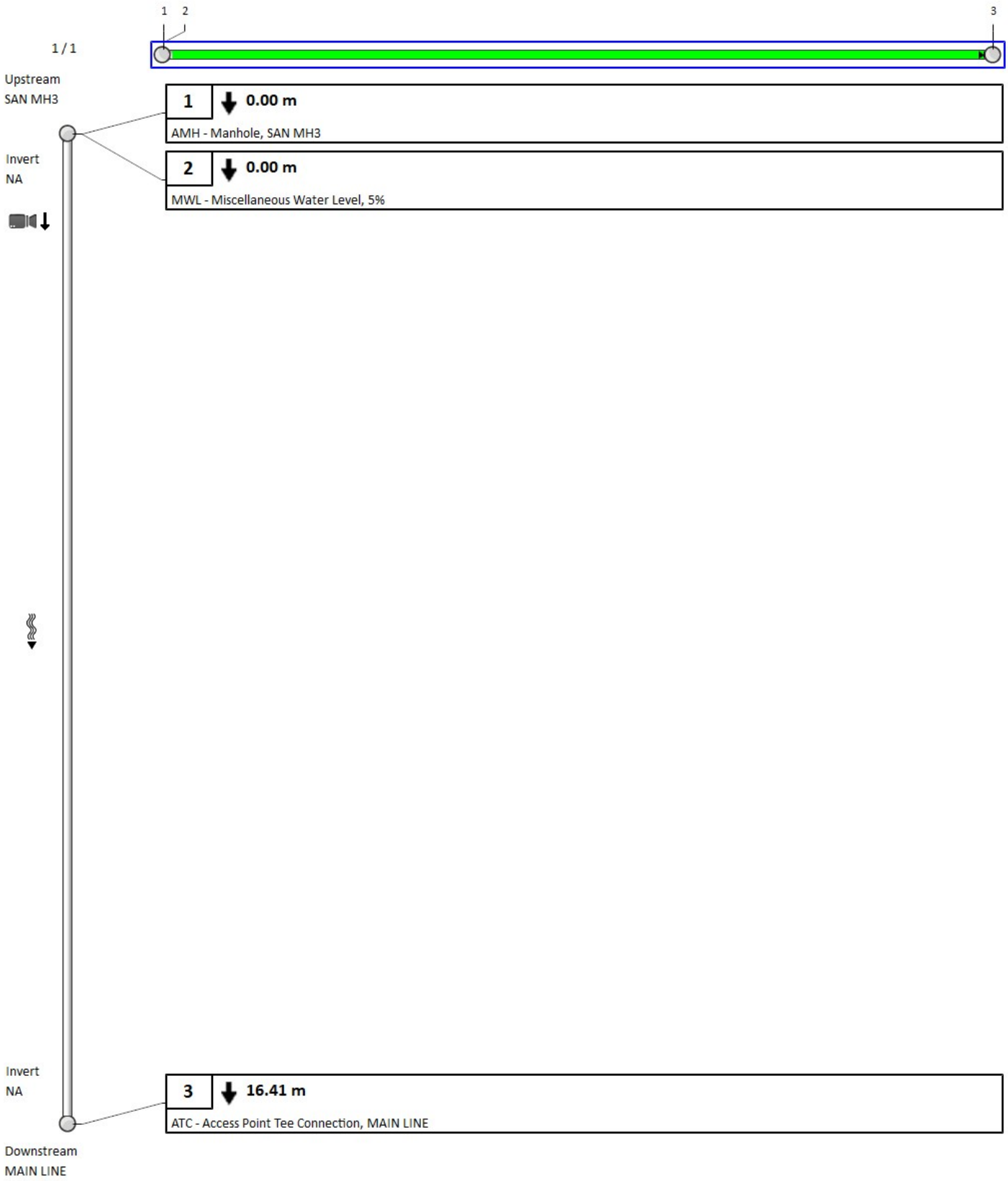
Inspection standard:	PACP 7.0	**Surveyed by:**	AUGUSTIN Y. DEGBE
Inspection Status:	Complete Inspection	**Certificate Number:**	U-1024-C1869
Date:	25/09/2025, 2:29 PM	**Reviewed By:**	
Project:		**Reviewer Certificate:**	
Customer:	HYD-25495	**Pre-Cleaning:**	Light Cleaning
PO number:		**Date cleaned:**	
Work Order:		**Media Label:**	
Purpose:		**Unit of measurement:**	Metric
Weather:	Light Rain	**Sheet Number:**	
Flow control:	Not Controlled	**Additional information:**	
Used Technology:			

Structural rating		O&M rating		Overall rating		Failure	
Peak:	0	**Peak:**	0	**Peak:**	0	**Consequence:**	
Quick rating:	0000	**Quick rating:**	0000	**Quick rating:**	0000	**Likelihood:**	1
Score:	0	**Score:**	0	**Score:**	0	**Risk:**	
Index:	0	**Index:**	0	**Index:**	0		

Other information

Information 1:		**Information 6:**	
Information 2:		**Information 7:**	
Information 3:		**Information 8:**	
Information 4:		**Information 9:**	
Information 5:		**Information 10:**	

5. Pipe summary and condition details



5. Pipe summary and condition details

Pipe identification

Pipe:	STM MH2 - MAIN LINE	**Direction of inspection:**	STM MH2 --> MAIN LINE
Direction of flow:	STM MH2 --> MAIN LINE	**Direction:**	Downstream

Pipe location

			UPSTREAM	DOWNSTREAM
Road:	4000 RIVERSIDE	**Easting (X):**		
Crossroad:		**Northing (Y):**		
Drainage Area:		**Elevation (Z):**		
City:	OTTAWA			
Location:		**GPS Accuracy:**		
Location details:		**Coordinate System:**		
Owner:		**Vertical Datum:**		
Road segment:				

Pipe characteristics

Pipe Use:	Stormwater Pipe	**Surveyed Length:**	8.01
Height:	300	**Total length:**	8.01
Width:		**Joint length:**	
Shape:	Circular	**Rim/Inv.:**	
Material:	Polyvinyl Chloride	**Grade/Inv.:**	
Lining:		**Rim/Grade:**	
Coating Method:		**Rim/Inv.:**	
Year Constructed:		**Grade/Inv.:**	
Year renewed:		**Rim/Grade:**	

Additional details

Inspection standard:	PACP 7.0	**Surveyed by:**	AUGUSTIN Y. DEGBE
Inspection Status:	Complete Inspection	**Certificate Number:**	U-1024-C1869
Date:	25/09/2025, 1:46 PM	**Reviewed By:**	
Project:		**Reviewer Certificate:**	
Customer:	HYD-25495	**Pre-Cleaning:**	Light Cleaning
PO number:		**Date cleaned:**	
Work Order:		**Media Label:**	
Purpose:		**Unit of measurement:**	Metric
Weather:	Light Rain	**Sheet Number:**	
Flow control:	Not Controlled	**Additional information:**	
Used Technology:			

Structural rating		O&M rating		Overall rating		Failure	
Peak:	0	**Peak:**	2	**Peak:**	2	**Consequence:**	
Quick rating:	0000	**Quick rating:**	2100	**Quick rating:**	2100	**Likelihood:**	2.1
Score:	0	**Score:**	2	**Score:**	2	**Risk:**	
Index:	0	**Index:**	2	**Index:**	2		

Other information

Information 1:		**Information 6:**	
Information 2:		**Information 7:**	
Information 3:		**Information 8:**	
Information 4:		**Information 9:**	
Information 5:		**Information 10:**	

5. Pipe summary and condition details

1 / 1

Upstream
STM MH2

Invert
NA

1 **0.00 m**

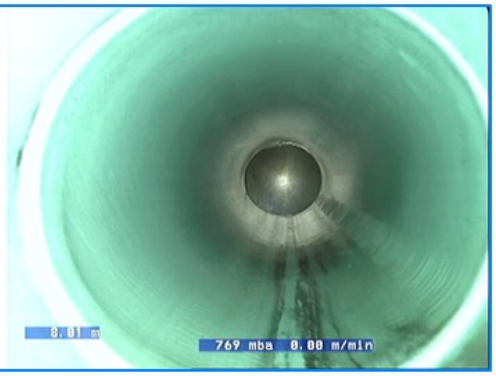
AMH - Manhole, STM MH

2 **0.00 m**

MWL - Miscellaneous Water Level, 5%

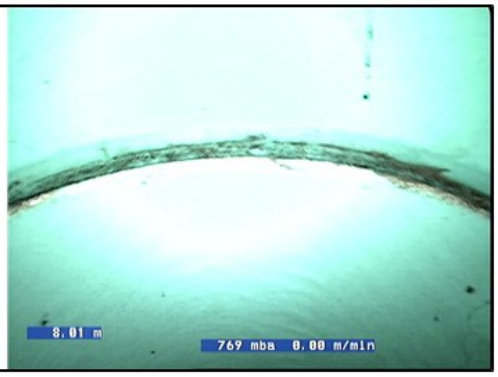
3 **8.00 m**

LD - Line Down, 15%



4 **8.01 m**

MSA - Miscellaneous Survey Abandoned, Inspection abandoned due to steep slope; risk of camera sliding. End of pipe visually confirmed via zoom



Invert
NA

Downstream
MAIN LINE

SEWER INVERT DATA TABLE

Feature ID	Direction	Diameter	Invert Depth	Rim/Lid Elevation	Invert Elevation	Notes
CB#1	NW	150	2.73	102.43	99.70	
	N	300	3.20		99.23	
	S	300	3.22		99.21	
CB#2	SW	300	1.07	102.50	101.43	
CB#3	E	300	2.57	102.08	99.51	
	S	300	2.54		99.54	
CB#4	NE	300	1.82	101.78	99.96	
	W	300	1.89		99.89	
CB#5	SW	300	1.32	101.38	100.06	
SICB#6	N	300	1.44	104.09	102.65	
SICB#7	NE	250	1.35	103.44	102.09	
CB#8	NW	250	1.26	103.86	102.60	
SICB#9	N	300	1.57	103.82	102.25	
	S	300	1.55		102.27	
CB#10	NW	250	1.28	103.52	102.24	
SICB#11	E	300	1.30	102.88	101.58	
CB#12	E	300	2.34	103.18	100.84	
	W	300	2.28		100.90	
SICB#13	N	300	1.26	103.36	102.10	
	S	300	1.24		102.12	
CB#14	E	250	1.92	102.96	101.04	
SICB#15	NE	250	0.72	102.34	101.62	
SICB#16	NE	250	1.02	102.55	101.53	
	*SW	*250	N/A		N/A	
DSICB#17	W	300	1.51	102.83	101.32	
CB#18	NE	300	2.87	100.39	97.52	
	SE	525	2.95		97.44	
	W	300	2.86		97.53	
CB#19	E	300	2.05	100.80	98.75	UNABLE TO OPEN, MISSING PIN
	W	300	*0.12		*100.68	RECESSED
CB#20	NE	300	1.30	100.45	99.15	
CB#21	SW	200	1.23	101.02	99.79	
CB#22	N	300	1.35	101.44	100.09	
CB#23	NW	250	1.27	101.78	100.51	
SICB#24	NW	300	1.49	101.61	100.12	
CB#25	SW	250	0.67	102.68	102.01	
SICB#26	SE	250	1.00	102.47	101.47	
CB#27	S	250	1.48	102.12	100.64	
STM MH#1	N	300	4.04	102.93	98.89	
	E	300	4.06		98.87	
STM MH#2	E	300	3.82	102.71	98.89	
	SE	300	4.36		98.35	
	S	300	3.83		98.88	DROP
	S	300	2.49		100.22	
	W	300	3.84		98.87	
STM MH#3	*NW	*375	*5.60	102.53	*96.93	PLATFORM PRESENT; UNABLE TO OBTAIN MEASUREMENTS
	*NE	*1350	*6.60		*95.93	
	*SW	*1350	*6.64		*95.89	
STM MH#4	N	525	2.59	103.88	101.29	RECESSED
	S	525	2.50		101.38	RECESSED
STM MH#5	N	525	3.42	103.27	99.85	
	*E	N/A	N/A		N/A	
	S	525	3.38		99.89	
	S	250	3.30		99.97	DROP
	W	300	3.32		99.95	
STM MH#6	E	250	1.65	102.70	101.05	
	SW	250	1.50		101.20	TO DEBRIS
STM MH#7	*N	*525	N/A	102.53	N/A	UNABLE TO OPEN
	*NE	*1350	*6.23		*96.3	
	*S	*525	N/A		N/A	
	*SW	*1350	*6.33		*96.2	
STM MH#8	NE	300	2.26	101.46	99.20	
	SW	300	2.42		99.04	
STM MH#9	E	300	2.26	101.82	99.56	
	S	300	1.66		100.16	
	SW	300	2.40		99.42	
STM MH#10	NE	250	1.31	102.43	101.12	
	SE	250	1.32		101.11	
SAN MH#1	NW	250	3.82	102.70	98.88	
	N	150	0.82		101.88	
	N	200	0.83		101.87	DROP
	E	250	0.84		101.86	
SAN MH#2	E	250	1.82	103.54	101.72	
	S	150	1.78		101.76	
	W	250	1.72		101.82	
SAN MH#3	E	250	2.10	103.81	101.71	
	W	250	2.11		101.70	
SAN MH#4	NE	300	2.17	103.72	101.55	
	S	300	2.15		101.57	
SAN MH#5	N	300	2.34	103.83	101.49	
	SW	300	2.30		101.53	
SAN MH#6	NE	300	1.68	103.07	101.39	
	S	300	1.65		101.42	
SAN MH#7	SE	N/A	N/A	103.17	N/A	SUBMERGED
	S	N/A	N/A		N/A	SUBMERGED
	SW	N/A	N/A		N/A	SUBMERGED
	W	100	0.87		102.30	

*INFORMATION OBTAINED FROM RECORDS PROVIDED BY THE CITY OF OTTAWA; NOT FIELD VERIFIED BY ONSITE LOCATES INC.

TREE SCHEDULE

TREE No.	TRUNK DIAMETER (m)	CROWN RADIUS (m)	DISTANCE FROM C/L TRUNK TO PROPERTY LINE	TREE No.	TRUNK DIAMETER (m)	CROWN RADIUS (m)	DISTANCE FROM C/L TRUNK TO PROPERTY LINE
T1	0.25	2.5	5.2 N	T27	0.2	2.5	–
T2	0.25	2.5	3.7 N	T28	0.2	2.5	–
T3	0.25	2.5	3.5 N	T29	0.2	2.5	–
T4	0.25	2.5	5.7 N	T30	0.2	2.5	–
T5	0.25	2.5	5.9 N	T31	0.1	1.5	–
T6	0.3	2.5	4.9 N	T32	0.15	1.5	3.1 S
T7	0.25	2.5	0.6 N	T33	0.15	1.5	2.9 S
T8	0.25	2.5	4.0 N	T34	0.15	1.5	4.4 S
T9	0.25	2.5	–	T35	0.15	1.5	2.3 S
T10	0.25	2.5	–	T36	0.1	1.5	2.5 S
T11	0.25	2.5	–	T37	0.15	2	–
T12	0.25	2.5	–	T38	0.2	1.5	7.0 W
T13	0.25	2.5	2.9 E	T39	0.2	1.5	–
T14	0.2	2.5	1.6 W	T40	0.2	1.5	–
T15	0.15	1.5	6.6 E	T41	0.2	1.5	–
T16	0.15	1.5	6.1 E	T42	0.2	1.5	–
T17	0.15	1.5	8.4 E	T43	0.15	1	–
T18	0.15	1.5	6.6 E	T44	0.2	1.5	–
T19	0.15	1.5	8.3 E	T45	0.2	1.5	4.7 E
T20	0.2	2.5	9.7 W	T46	0.2	1.5	2.5 E
T21	0.2	2.5	8.1 W, 4.2 N	T47	0.15	1	5.4 E
T22	0.1	1	4.2 W, 0.9 S	T48	0.15	1	4.5 E
T23	0.1	1	–	T49	0.15	1	5.3 E
T24	0.2	2.5	–	T50	0.15	1	4.4 E
T25	0.2	2.5	–	T51	0.15	1	5.2 E
T26	0.2	2.5	–	T52	0.15	1	4.1 E

TRUNK DIAMETER MEASURED AT 1.2 METRES ABOVE GRADE
TREE POSITION IS CALCULATED OFFSET TO ESTIMATED CENTER OF TREE

PLAN OF SURVEY
WITH TOPOGRAPHIC DETAILS OF

PART OF LOT 6 CONCESSION 2 (RIDEAU FRONT)

GEOGRAPHIC TOWNSHIP OF GLOUCESTER

CITY OF OTTAWA

J.D. BARNES LIMITED

SCALE 1 : 150

2.5 0 2.5 5 7.5 10 metres

METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

SHEET 2 OF 2

NOTES

BEARINGS ARE MTM GRID, AND DERIVED FROM GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) BY REAL TIME NETWORK (RTN) OBSERVATIONS, MTM ZONE 9, NAD 83, (CSRS) (2010.0).

FOR BEARING COMPARISONS, A COUNTER-CLOCKWISE ROTATION OF 1°03'30" WAS APPLIED TO BEARINGS ON PLAN 4R-18799.

DISTANCES ARE GROUND.

ALL SET SSIB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF O.REG. 525/91.

LEGEND

■	DENOTES	SURVEY MONUMENT FOUND
□	DENOTES	SURVEY MONUMENT SET
SIB	DENOTES	STANDARD IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
IB	DENOTES	IRON BAR
CP	DENOTES	CONCRETE PIN
MEAS	DENOTES	MEASURED
P1	DENOTES	PLAN 4R-18799
P2	DENOTES	PLAN 4R-21932
JDB	DENOTES	J.D. BARNES LTD.
AOG	DENOTES	ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
RMOC	DENOTES	REGIONAL MUNICIPALITY OF OTTAWA-CARLETON
——	DENOTES	PROPERTY LINE
——	DENOTES	LIMIT OF LEASE (INST. OC339605)

N=NORTH / S=SOUTH / E=EAST / W=WEST

ELEVATION NOTE:

1. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE SITE BENCHMARKS HAVE NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.

2. ELEVATIONS ARE GEODETIC AND ARE REFERRED TO CITY OF OTTAWA CONTROL POINT 2016-0328 HAVING A PUBLISHED ELEVATION OF 82.47 METRES (CGVD28:78).

TOPOGRAPHIC LEGEND

— SAN —	DENOTES UNDERGROUND SANITARY SEWER
— STM —	DENOTES UNDERGROUND STORM SEWER
— G —	DENOTES UNDERGROUND GAS LINE
— W —	DENOTES UNDERGROUND WATER LINE
— UE —	DENOTES UNDERGROUND HYDRO LINE
— UT —	DENOTES UNDERGROUND TELEPHONE LINE
— FO —	DENOTES UNDERGROUND FIBRE OPTIC LINE
SAN MH	DENOTES SANITARY MANHOLE
STM MH	DENOTES STORM MANHOLE
CB	DENOTES CATCHBASIN
SICB	DENOTES SIDE INLET CATCHBASIN
DSICB	DENOTES DOUBLE SIDE INLET CATCHBASIN
G METER	DENOTES GAS METER
GV	DENOTES GAS VALVE
WMH	DENOTES WATER MANHOLE
WV	DENOTES WATER VALVE
H	DENOTES HYDRANT
HMH	DENOTES HYDRO MANHOLE
LS	DENOTES LIGHT STANDARD
HPED	DENOTES HYDRO PEDESTAL
HGLB	DENOTES HYDRO GROUND LEVEL BOX
HT	DENOTES HYDRO TRANSFORMER
PED	DENOTES TELEPHONE PEDESTAL
GLB	DENOTES GROUND LEVEL BOX
TMH	DENOTES TELEPHONE MANHOLE
HW	DENOTES HANDWELL
TSC	DENNOTES TRAFFIC CONTROL BOX
	DENOTES ENDCAP
CONC	DENOTES CONCRETE
PLR	DENOTES PILLAR
E_TR	DENOTES HYDRO TRANSFORMER
PED	DENOTES PEDESTAL
AC	DENOTES AIR COMPRESSOR
GP	DENOTES GAS PIPE
GP	DENOTES GAS PUMP
BOL	DENOTES BOLLARD
HP	DENOTES HYDRO POLE
LS	DENOTES LIGHT STANDARD
MWELL	DENOTES MONITORING WELL
	DENOTES DECIDUOUS TREE
	DENOTES CONIFEROUS TREE

UNDERGROUND UTILITY NOTES

THE UTILITY DATA DEPICTED ON THIS DRAWING WERE ACQUIRED IN ACCORDANCE WITH ASCE STANDARD 38-02. THE INFORMATION IS SHOWN BY ATTRIBUTED QUALITY LEVELS WHICH ARE DEFINED AS FOLLOWS:

DATA QUALITY LEVEL

HIGHEST QUALITY

QUALITY LEVEL A
QUALITY LEVEL B
QUALITY LEVEL C
QUALITY LEVEL D

LOWEST QUALITY

QUALITY LEVEL "A" – INFORMATION OBTAINED BY ACTUAL PHYSICAL EXPOSURE OF TARGETED UTILITIES AND SUBSEQUENT MEASUREMENT OF THE EXPOSED PRECISE HORIZONTAL AND VERTICAL POSITION.

QUALITY LEVEL "B" – INFORMATION OBTAINED USING GEOPHYSICAL LOCATE TECHNIQUES TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF THE DESIGNATED UTILITIES.

QUALITY LEVEL "C" – INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO THE QUALITY "D" INFORMATION OBTAINED.

QUALITY LEVEL "D" – INFORMATION DERIVED FROM UTILITY RECORDS OR VERBAL RECOLLECTIONS

ALL SERVICES ARE QUALITY "D" UNLESS NOTED OTHERWISE.
LEVEL "D" RECORD INFORMATION SHOWN ON THIS PLAN HAVE BEEN PLOTTED APPROXIMATELY AS PER THE RECORDS FOUND AND COULD NOT BE FIELD VERIFIED WITHIN THE SCOPE OF THIS PROJECT. IF FURTHER VERIFICATION IS REQUIRED, IT IS SUGGESTED THAT LEVEL "A" METHODOLOGIES BE EMPLOYED.

LOST SIGNAL- DENOTES/INDICATES A POINT WHERE QL-B METHODS COULD NO LONGER ASCERTAIN THE HORIZONTAL POSITION OF A FACILITY.

QUALITY LEVEL "D" INFORMATION COMPILED FROM RECORDS PROVIDED BY BELL;FILE NAME-20252411781_MARKUP_REQUEST,CITY OF OTTAWA;FILE NAME-8161-01,10231,8477,165=259,ENBRIDGE;FILE NAME-20252411781,ROGERS;FILE NAME-0251774

CAUTION: CALL BEFORE YOU DIG

THIS PLAN IS INTENDED FOR DESIGN PURPOSES ONLY. OTHER BURIED UTILITIES MAY EXIST WHICH ARE NOT SHOWN DUE TO INSUFFICIENT INFORMATION OR IMPROPER INSTALLATION. CONTACT ALL POTENTIAL OWNERS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OR BREAKING GROUND.
IT IS THE RESPONSIBILITY OF THE CONTRACTOR/BUILDER TO ENSURE THE APPROPRIATE LEGAL REQUIREMENTS ARE MET.

SUBSURFACE UTILITY FIELD WORK WAS COMPLETED ON THE 1ST DAY OF AUGUST, 2025

REVISION NOTE: THIS PLAN WAS UPDATED TO SUBSURFACE UTILITIES AUGUST 22, 2025.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON FEBRUARY 6, 2024.

FEBRUARY 26, 2024
DATE

SHAWN LEROUX
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-58051

NOTE: SURVEY WAS COMPLETED UNDER WINTER (SNOW/ICE COVER) CONDITIONS. SOME TOPOGRAPHIC FEATURES MAY NOT HAVE BEEN VISIBLE/ACCESSIBLE AT TIME OF SURVEY.

PREPARED FOR: SUNCOR ENERGY INC.

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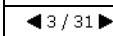
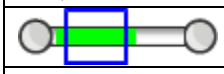
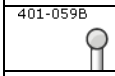
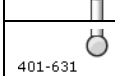
DRAWN BY: CE	CHECKED BY: SL	REFERENCE NO.: 24-10-007-04
		DATED:

Vision Report© Legend

	The numbers sequentially identify each observation. They allow you to find complete descriptions and related photos throughout the pages. Note that when the pipe contains too many observations, the Vision© report hides the least important observations to optimize the display*.
60	A number with neither a square nor circle indicates a general observation.
	A circled number indicates a structural anomaly. The color of the circle indicates the severity of the anomaly on a scale of 1 to 5, 5 being the most severe: green=1, blue=2, magenta=3, orange=4 and red=5.
	A number in a square indicates an operation and maintenance anomaly. The color of the square indicates the severity of the anomaly on a scale of 1 to 5, 5 being the most severe: green=1, blue=2, magenta=3, orange=4 and red=5.
	Indicates the current page number of the inspection report.
	The blue square indicates a section of the pipe; this section is covered in detail on the current page of the report.
	The green line indicates the inspected part of the pipe. The remaining white line indicates the uninspected part of the pipe.
	Indicates the hold points on the camera during an inspection.
	Indicates the hold points on the camera during the reverse inspection.
	Indicates that a reverse inspection was carried out, however the camera did not reach the initial inspection hold point. (the hold point of the initial inspection)
	Indicates that a reverse inspection was carried out and that it has joined (has arrived at) the initial inspection hold point.
	Identifies the start manhole number. Note that this manhole is not necessarily the upstream manhole of the pipe.
	Identifies the end manhole number. Note that this manhole is not necessarily the downstream manhole of the pipe.
	A downward arrow indicates that the inspection was carried out in the direction of the current, whereas an upward arrow indicates an inspection against the current. Note that the manhole located on the upper left of the page is always the start manhole, but not necessarily the upstream manhole of the pipe.
	This camera followed by a downward arrow is located on the upper left of the vertical pipe; it indicates that an inspection was done from this manhole.
	When the second camera appears on the bottom left page it means that a reverse inspection was carried out. Information about the reverse inspection is included in the report, thereby combining both inspections.
Invert 3.40	The measurement shown under the word <Invert> indicates the measurements between the frame and the pipe captured during the inspection. This measurement is available at the top left for the start manhole and the bottom left for the end manhole. If the invert was not measured during the inspection, an <NA> mark will be displayed.
	The downward bold arrow to the right of the observation number indicates that this observation was captured during the initial inspection.
	The blank arrow pointing upwards and located to the right of the observation number indicates that this observation was taken during the reverse inspection period, thereby confirming that this report combined both inspections.
18.40 m	Located to the right of the observation number is a number identifying the observation distance in relation to the start of the pipe.
SRV - Armature visible	A full description of the observation code according to the protocol used.

*Any hidden observations are readily accessible from the database as well as in other CTSpec report templates.

** CTSpec inc. reserves the right to modify, eliminate or add to the product features described in this pamphlet without notice.