

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



Project No.: CCO-22-3130

Prepared for:

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## Executive Summary

McIntosh Perry was retained by Colin Hopkins on behalf of Sleepwell Property Management (Client) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 476 Wilbrod Street, Ottawa, Ontario (Site). The Site is currently developed with a three-storey residential property and exterior landscaped areas.

It is understood that this Phase One ESA is being completed as a component of the City of Ottawa Site Plan Approval process, in support of an application to redevelop the Site with an additional residential building. This does not represent a change to a more sensitive land use, however as part of the City of Ottawa Site Plan Approval process, a Record of Site Condition is required.

The Phase One ESA has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 as amended. The report is also in general compliance with "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, reaffirmed 2016.

McIntosh Perry conducted a reconnaissance of the Site and surrounding areas on March 29, 2022. Topography at the Site is generally flat, sloping gently downward to the east. Groundwater flow at the Site is expected to be in an easterly direction, based on local topography and the location of the Rideau River approximately 170 meters east of the Site. Soil at the Site is expected to consist of clay, silt, sand, and gravel and also may contain organic remains.

Based on the findings of the Phase One ESA completed by McIntosh Perry, one (1) Potentially Contaminating Activity resulting in an Area of Potential Environmental Concern was identified at the Site. This PCA was identified as a fuel oil aboveground storage tank within the basement level boiler room of the Site Building.

Based on the identified PCA and APEC in relation to the Site, *a limited Phase Two ESA is recommended at this time.*

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## 1.0 INTRODUCTION

McIntosh Perry was retained by Colin Hopkins on behalf of Sleepwell Property Management (Client) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 476 Wilbrod Street, Ottawa, Ontario (Site). The Site is currently developed with a three-storey residential property and exterior landscaped areas.

It is understood that this Phase One ESA is being completed for due diligence purposes in relation to the potential construction of a residential addition to the Site.

The Site location is shown on Figure 1 (Site Location). The Site layout and features, including on-Site land use, are shown on Figure 2 (Site Layout).

### 1.1 Scope of Work

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site, based on a desktop review of available documentation pertaining to the site and observations made during a site visit. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

The Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- Ontario Regulation (O. Reg.) 153/04 - Records of Site Condition (as amended).

The report is also in general compliance with:

- "Phase One Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, Reaffirmed 2016.

A designated substances survey was not completed as part of the current investigation.

The subject property is not an 'Enhanced Investigation Property' as defined in O.Reg. 153/04 (as amended).

The scope of work included a historical review of the past uses of the Site and surrounding properties using readily available public records from provincial and municipal governments and documentation from Environmental Risk Information Services Ltd. (ERIS), and Opta Information Intelligence (Opta); visual observations of the Site and surrounding properties during a Site reconnaissance; interviews with person(s) having knowledge of past and present Site activities; and compilation of this information into a Phase One ESA report. McIntosh Perry also reviewed the following previous report prepared in connection with the Site:

- "Project Specific Designated Substances Survey, 476 Wilbrod Street, Ottawa, Ontario" prepared by Ottawa Contaminant Solutions and dated March 26, 2021 (2021 Ottawa Contaminant Solutions Designated Substances Survey).

The Site reconnaissance consisted of a visual inspection of the interior and exterior portions of the Site and was conducted by Pamela Muniz of McIntosh Perry on March 29, 2022, who was accompanied by Colin Hopkins, Project Manager at the Site (Site Representative). In addition, McIntosh Perry conducted an interview with Colin Hopkins via email on March 23, 2022. Colin Hopkins is hereinafter referred to as the Site Representative. The purpose of the Site reconnaissance was to observe any evidence of potential contamination sources or special consideration items including, but not limited to, asbestos-containing materials (ACMs), polychlorinated biphenyls (PCBs), urea formaldehyde foam insulation (UFFI), ozone-depleting substances (ODSs), hazardous material storage areas, underground storage tanks (USTs) and aboveground storage tanks (ASTs). It should be noted that intrusive sampling and analysis was not part of this investigation. A designated substances survey was also not completed as part of this Phase One ESA.

## 2.0 SITE DESCRIPTION

The Site holds the municipal address of 476 Wilbrod Street, Ottawa, Ontario and is approximately 0.09 hectares in area. The legal description of the Site is as follows:

PT LTS 7 & 8, PL 208649, AS IN CR450007; T/W CR450007; OTTAWA/NEPEAN

PIN 042120234

### 2.1 Current Land Use

During the Site reconnaissance, the Site was developed with a two-storey residential building with a basement level (Site Building), which was vacant at the time of the Site visit.

The exterior of the Site consisted of a paved parking area and vegetated landscaped areas.

### 2.2 Site Building Construction Date

Based on a review of aerial photographs, city directories and Fire Insurance Plans (FIPs) for the Site, the Site Building was constructed between 1900 and 1904 and has undergone various renovations within the 1960s, 1980s, and 2000s including new natural gas-fired boiler heating, insulation upgrades, and a one-storey building addition on the southern portion of the building. Prior to the early 1900s, the Site consisted of vacant undeveloped land.

### 2.3 Physical Setting

#### 2.3.1 Topography

Topographical mapping of the Site was reviewed on the Atlas of Canada's Toporama website. The elevation at the Site is approximately 70 m above sea level (m asl). The topography of the Site is generally flat, and slopes downward toward the east.

#### 2.3.2 Hydrology

The Site occurs within the Rideau River watershed. The closest water body to the Site is the Rideau River, located approximately 170 metres (m) east of the Site, at its closest point. On-site infiltration of water is interpreted to occur in areas of permeable ground surface. Site drainage likely flows east towards the Rideau River.

#### 2.3.3 Geology

##### 2.3.3.1 Surficial Geology

Geological maps of the area classify the overburden at the Site as older alluvial deposits consisting of clay, silt, sand, and gravel and also may contain organic remains (OGS, 2017).

#### *2.3.3.2 Bedrock Geology*

Geological maps of the area classify the bedrock under the Site as shale, limestone, dolostone, and siltstone of the Georgian Bay, Blue Mountain, and Billings Formations (OGS, 2017).

#### *2.3.4 Hydrogeology*

On a local and regional scale, groundwater is interpreted to reflect local topography. Groundwater flow at the Site is expected to flow to the east, towards the Rideau River, located approximately 170 m east of the Site at its closest point.



## 3.0 RECORDS REVIEW

### 3.1 Historical Information

#### 3.1.1 Fire Insurance Plans

McIntosh Perry contacted Opta to obtain copies of Fire Insurance Plans (FIPs) for the Site and surrounding area. In a response dated April 1, 2022, Opta provided McIntosh Perry with copies of FIPs dated 1901, 1912, 1915, and 1958.

Based on McIntosh Perry's review of these FIPs, the following information was noted:

- The Site Building was not present in 1901. The Site was developed with a building similar in configuration to present-day north, central, and southwest portions in 1912, 1915, and 1958 and was used for residential purposes;
- Further details of the use and historical heating of the Site Building were not provided by any FIPs reviewed; and
- Additional properties surrounding the Site between 1901 and 1958 generally consisted of residential buildings and institutional properties.

It is our opinion that the above-noted information does not present a potential environmental concern with respect to the Site.

A copy of the Opta response is provided in Appendix A.

#### 3.1.2 Property Underwriters' Reports and Property Underwriters' Plans

McIntosh Perry contacted Opta to obtain copies of Property Underwriters' Reports (PURs) and Property Underwriters' Plans (PUPs) for the Site. In a response dated April 1, 2022, Opta indicated that no PURs or PUPs were on file for the Site or surrounding area. A copy of the Opta response is provided in Appendix A.

#### 3.1.3 City Directories

City directories for the Site and surrounding properties were searched by ERIS of Toronto, Ontario as part of this Phase One ESA. City directory records from 1894 to 2011 were available for review. The following table summarizes the city directory search results for the Site:

City Directories, Subject Site	
Year(s)	Occupancy Listing
1894/1895	Address not listed
1900	Address not listed
1904 to 1960	Single-tenant residential
1965 to 2000	Sisters of Saint Joseph
2006/2007, 2011	Single-tenant residential (2)

It is our opinion that the above-noted on-Site city directory listings do not present a potential environmental concern with respect to the Site.

City directory records for properties surrounding the Site began in the early 1900s and were generally residential and institutional in nature. It is our opinion that the occupants listed at properties surrounding the Site do not represent potential environmental concerns with respect to the Site.

Copies of the city directory search results are provided in Appendix B.

### 3.1.4 Aerial Photographs and Satellite Imagery

Aerial photographs for the years 1958, 1965, 1976, 1991, 2002, 2011, and 2019 were reviewed from the geoOttawa aerial photograph database by McIntosh Perry. Additionally, aerial photographs for the years 1928, 1938, and 1945 were obtained from ERIS of Toronto, Ontario and reviewed by McIntosh Perry. Observations about current and historical land use for the Site and surrounding properties are noted in the table below:

Aerial Photograph Review		
Date	Site	Surrounding Properties
1928, 1938, 1945, 1958	The Site appeared to be in its present-day configuration within the north, central and southwest portions of the building.	<p>North – A road similar in location and orientation to present-day Wilbrod Street, followed by inferred residential properties.</p> <p>South – Inferred residential and institutional properties, followed by a road similar in location and orientation to present-day Laurier Avenue and inferred parkland.</p> <p>West – Inferred residential properties.</p> <p>East – Inferred residential properties, followed by a road similar in location and orientation to present-day Charlotte Street, inferred commercial properties and the Rideau River.</p>
1965, 1976, 1991, 2002, 2011, 2019	The Site appeared to be in its present-day configuration, including an addition at the southeast portion of the building.	<p>North – Similar to 1958.</p> <p>South – Similar to 1958.</p> <p>West – Similar to 1958.</p> <p>East – Similar to 1958.</p>

Based on McIntosh Perry’s review of the above-noted aerial photographs and satellite imagery, nothing was identified that represents a potential environmental concern with respect to the Site.

Copies of the aerial photographs provided by ERIS are included in Appendix C.

### 3.1.5 Previous Environmental Reports

#### 3.1.5.1 2021 Ottawa Contaminant Solutions Designated Substance Survey

A designated substance survey was completed for the Site Building and dated March 26, 2021. This designated substance survey was completed to identify any materials that are classified as designated substances under the Occupational Health and Safety Act within the Site Building and that may be impacted by the proposed renovations and alterations of the building. Asbestos was identified within the ceiling texture coat, parging-like material, and drywall joint compound throughout the Site Building. Additionally, asbestos was presumed to be present in the pipe fitting insulation located within the Site Building. Lead paint was presumed to be present on-Site due to the age of the Site Building and renovations. Based on the identified substances, it was recommended that designated substances material handling plans be in place during any disturbing activities (construction, demolition, etc.).

## 3.2 Regulatory Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

### 3.2.1 ERIS Report

McIntosh Perry obtained information contained in all available federal, provincial and private databases available through ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the ERIS report which is included as Appendix D.

Relevant information from the ERIS report is summarized as follows:

- The Site was listed within the Ontario Spills database for a spill of fuel oil to the concrete pedestrian sidewalk north of the Site Building which occurred on April 17, 1989. The spill occurred due to a valve leak from a Petro-Canada trucking error. No environmental impacts were recorded as part of this spill record. Therefore, based on the receiving medium of the spill, it is McIntosh Perry's opinion that due to the cover of the spill surface (concrete and asphalt) this historic spill is unlikely to have resulted in subsurface impacts at the Site;
- Royal Canadian Geographic Society, located at 488 Wilbrod Street, immediately east of the Site, was registered as a generator (GEN#ON0880300) of photoprocessing wastes for the years 1986 to 1990. Based on the inferred direction of groundwater flow, this property is located hydraulically down-gradient of the Site. Therefore, it is McIntosh Perry's opinion that this historic waste generation is unlikely to have resulted in subsurface impacts at the Site;
- Regional Elevator, located at 275 Charlotte Street, approximately 60 m east of the Site, was registered as a generator (GEN#ON9787591) of waste oils and sludges for the years 2019 to 2022. Based on the inferred direction of groundwater flow, this property is located hydraulically down-gradient of the Site. Therefore, it is McIntosh Perry's opinion that this off-Site waste generation is unlikely to have resulted in subsurface impacts at the Site;

- MicroAcoustic Instruments Inc., located at 460 Wilbrod Street, approximately 75 m west-southwest of the Site, was registered within the Scott's Manufacturing database as a semiconductor, electronic, and measuring, medical, and controlling devices manufacturer. No date of operation was included within this record. Based on the inferred direction of groundwater flow, this property is located hydraulically up-gradient of the Site. Therefore, based on the nature of manufacturing and distance between this property and the Site, it is McIntosh Perry's opinion that this off-Site manufacturing is unlikely to have resulted in subsurface impacts at the Site and does not represent a potential environmental concern;
- A spill of furnace oil was reported on November 27, 2018 at 240 Charlotte Street due to an equipment failure from an UST on the property. During removal of the UST evidence of contaminated soil was observed. This property is located approximately 65 m north of the Site and based on the inferred direction of groundwater flow, it is located hydraulically cross-gradient of the Site. Therefore, based on the location of this property hydraulically in relation to the Site, it is McIntosh Perry's opinion that these identified subsurface impacts are unlikely to have resulted in subsurface impacts at the Site; and
- Additional properties surrounding the Site were listed in various databases searched by ERIS. Based on the nature of the listings (e.g., gaseous releases to the atmosphere, etc.), as well as the distances between these properties and the Site and/or their position relative to the Site with respect to the inferred direction of groundwater flow, it is our opinion that these additional off-Site listings do not represent potential environmental concerns relative to the Site.

### ***3.2.2 MECP Freedom of Information and Index Review Requests***

In order to identify any previous environmental reports concerning the Site, a Freedom of Information (FOI) request and index review request were submitted to the MECP on March 23, 2022. A response letter was received on October 17, 2022. The FOI response did not identify any records or other environmental concerns with respect to the Site.

Copies of McIntosh Perry's requests submitted to the MECP, as well as MECP's response, are included in Appendix E.

### ***3.2.3 TSSA Information Request***

A request for information regarding fuel tanks at the Site was submitted to the Technical Standards and Safety Authority (TSSA). A response was received on March 23, 2022, which indicated that no information related to fuel tanks at the Site was available in the TSSA's databases.

A copy of McIntosh Perry's correspondence with the TSSA is provided in Appendix E.

### ***3.2.4 Historic Land Use Inventory (HLUI) Request***

A Historic Land Use Inventory (HLUI) request was submitted to the City of Ottawa to determine historic land uses for the Phase One Study Area. At the time of the initial issuance of this report (April 8, 2022), the Historic Land Use Inventory Request has not yet been received.

Following comments by the City of Ottawa Infrastructure dated October 18, 2022, McIntosh Perry confirmed that the HLUI search had been completed and paid for but the results had not been provided. McIntosh Perry received the results on October 27, 2022; no additional Areas of Potential Environmental Concern were identified. HLUI results are provided in Appendix E of this report.

### **3.2.5 MECP Instruments (PTTW)**

A search for all available MECP Instruments, including Certificates of Authorization, Permits To Take Water, and other records, was completed as part of the ERIS report for the Site, discussed in previous sections. No records were identified which represented environmental concerns to the Site.

### **3.2.6 MECP Incident Reports**

The ERIS report discussed above did not identify any MECP incident reports with respect to the Site or surrounding properties.

### **3.2.7 MECP Brownfields Environmental Site Registry**

The MECP Brownfields Environmental Site Registry was searched as part of the ERIS report, discussed in previous sections. No RSCs have been filed for the Site or immediately adjacent properties.

### **3.2.8 City of Ottawa Landfill Sites**

The document titled *'Old Landfill Management Strategy – Phase 1 – Identification of Sites'* prepared by Golder Associates, dated October 2004, was reviewed as part of this Phase One ESA.

This report provides an in-depth summary of former landfill sites within the City of Ottawa, as identified by a variety of research sources. No former landfills were identified within the Phase One ESA study area.

### **3.2.9 Former City of Ottawa Industrial Sites**

The report titled *'Mapping and Assessment of Former Industrial Sites, City of Ottawa'*, prepared by Intera Technologies Ltd., dated July 1988, was reviewed as part of this Phase One ESA. No industrial sites were identified in the vicinity of the Site, and accordingly no Areas of Potential Environmental Concern were identified.



## 4.0 SITE RECONNAISSANCE

McIntosh Perry conducted a Site reconnaissance on March 29, 2022, between approximately 1:00 pm to 3:00 pm. Pamela Muniz of McIntosh Perry inspected all accessible interior and exterior areas of the Site and observed other properties in the Study Area from publicly accessible locations. McIntosh Perry accessed all interior areas of the Site Building. The Site visit was conducted in accordance with McIntosh Perry's internal Health and Safety policy.

Weather conditions at the time of the Site visit were sunny and approximately -5 degrees Celsius, with low wind, and the ground surface was dry with partial snow and ice cover in some areas, limiting exterior observations.

### 4.1 Interview Record

McIntosh Perry personnel conducted an interview with the Site Representative Colin Hopkins, Project Manager, at the Site through email correspondence on March 23, 2022. This interview was completed in order to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. Information collected during this interview was used to corroborate data from other sources and is presented in Appendix F.

The information obtained from the interview is summarized as follows:

Interview Record	
Potential Environmental Concerns	Interview Comments
Accidents/Spills	None observed and none reported by the Site Representative.
Previous Use of Site	Rooming house/residential.
Adjacent Properties	Residential and institutional.
Fuel Handling/Storage	None observed and none reported by the Site Representative.
Maintenance/Operational Areas	A boiler room (basement) and an electrical room (basement).
Hazardous Materials Storage	None observed and none reported by the Site Representative.
Salt Storage	Salt bin on Site exterior for walkways.
Fuel Storage Tanks	None observed and none reported by the Site Representative.
Odours	None observed and none reported by the Site Representative.
Potable Water	Potable water is provided by the City of Ottawa. Groundwater is not used as a source of potable water at the Site.
Septic and Wastewater Discharges	Wastewater is limited to sanitary wastes, which are discharged into the municipal sewer system.
Pesticides	None observed and none reported by the Site Representative.
Mould	None reported by the Site Representative, suspect mould observed within the basement level of the Site Building.
Heating and Cooling Systems	Natural gas-fired boiler heating, wall mounted electric heating and cooling units, and split-level air-conditioning unit.
Major Mechanical Equipment	A natural gas-fired boiler was located within the basement of the Site Building.

Interview Record	
Potential Environmental Concerns	Interview Comments
Waste Oils, Solvents, Batteries	None observed and none reported by the Site Representative.
PCBs	None observed and none reported by the Site Representative.
Asbestos	Asbestos identified within the Site Building in the 2021 Asbestos Report.
Lead Paint	None observed and none reported by the Site Representative.
ODS	None reported by the Site Representative, potential ODSs observed within air-conditioning units in the Site Building.
Electromagnetic Radiation	None observed and none reported by the Site Representative.
UFFI	None reported by the Site Representatives, potential UFFI observed within the third floor and basement level of the Site Building.
Mercury	None observed and none reported by the Site Representative.
Radon Gas	None observed and none reported by the Site Representative.
Soil and Groundwater Conditions	No known impacts.
Wells	None reported by the Site Representative, one (1) groundwater well noted within the grassed exterior of the Site Building.
Waste Disposal and Recycling	Garbage, recycling and compost wastes generated within the Site Building are removed for off-Site disposal by the City of Ottawa municipal waste management.
Fill Material	None observed and none reported by the Site Representatives.
Floor Drains/OWS (Discharge Locations)	Floor drains located within the basement mechanical room.
Other	None.

Note that statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the Site.

## 4.2 Site Observations

Observations made on the Site during the Site reconnaissance are outlined in the following subsections. Photographs of the Site are included in Appendix F. A brief description is included with each photograph, including location and orientation where applicable.

### 4.2.1 Heating and Cooling Systems

The Site Building is heated by natural gas-fired boilers, which provide hot water to fan coil units located within each tenant space as needed. Supplemental heating is provided to the Site Building by electrically-powered baseboard heating units, and supplemental cooling is provided to the Site Building through a rooftop split air-conditioning unit.

Based on photographic evidence, it appears that the building was formerly heated by boilers which utilized fuel oil as a combustion source. Further to this given the age of construction (pre-1912) for the building it is also likely that coal and/or wood were used as a heating fuel source prior to fuel oil.

Based on the nature and inferred duration of fuel storage at the Site, it is McIntosh Perry's opinion that the identified historic heating at the Site is considered a potentially contaminating activity (PCA) resulting in an area of potential environmental concern (APEC) at the Site.

#### **4.2.2 Chemical Inventory, Storage and Handling**

Chemicals observed during the Site reconnaissance were limited to chemicals related to building cleaning (e.g., all purpose cleaner and bleach). These chemicals were observed in a pantry under the kitchen sink located on the ground floor of the Site Building and were observed to be generally in good condition. No staining or evidence of spills were observed in the chemical storage area on-Site. No additional chemicals were observed on-Site.

#### **4.2.3 Storage Tanks**

McIntosh Perry did not observe any ASTs at the Site, and none were reported by the Site Representative; however, McIntosh Perry did note within the basement area evidence of a former AST installation (see Appendix G, Photo 3 and Photo 4). McIntosh Perry also did not observe any evidence of historical or current USTs (e.g., vent/fill piping, asphalt cuts in the vicinity of the boiler room, etc.) during the Site reconnaissance, and none were reported to have been present by the Site Representative.

Staining was noted on the concrete pad within the boiler room on the basement level of the Site Building. The staining was brown in colour and may be a fuel oil spill from the presumed historic AST. As mentioned in section 4.2.1, the former AST at the Site is considered to be a PCA in relation to the Site.

#### **4.2.4 Unidentified Substances**

No unidentified substances were identified at the time of the Site reconnaissance.

#### **4.2.5 Drains, Pits, and Sumps**

A floor drain was observed in the historic laundry room located in the basement of the Site building directly across from the boiler room.

#### **4.2.6 Spills, Stains and/or Corrosion**

Stains and spills were observed at the following locations in the interior and exterior of the Site building:

- Staining observed on historic laundry room floor (basement), concentrated on the area below the window towards the floor drain present in the room. Staining was approximately 9 m<sup>2</sup> in area and consisted of possible water staining, orange to red staining, and floor discoloration;
- Orange staining visible on boiler room floor (basement) concentrated below boiler #2; staining was approximately 0.25 m<sup>2</sup> in area;
- Spill of an unknown substance was visible below a baseboard heating unit present in a tenant unit in on the basement level. The spill was comprised of a dull, powdery, brown substance, and was approximately 0.03 m<sup>2</sup> in area;
- Spill or leak of an unknown substance (possibly water) visible in the living area of the basement level. An approximate 25 m<sup>2</sup> section of the carpet in the room was wet; no odours were detected;

- Possible water staining present on the ceiling of a shared bathroom on the third floor of the Site Building. The stained portion of the ceiling had been partially removed to reveal piping and the staining was concentrated around the approximate 0.15 m<sup>2</sup> hole visible on the ceiling. Staining was brown in colour; and
- Brown dripping stains were visible on some wall-mounted AC units located throughout the Site building; the extent of the dripping stains varied.

No odours were noted near the stains listed above within the Site Building during the Site reconnaissance. Therefore, based on the nature and locations of the staining observed, it is McIntosh Perry's opinion that the above listed stains likely originated from water spills within the Site Building and do not represent a potential environmental concern for the Site Building.

#### **4.2.7 Hydraulic Mechanical Equipment**

No hydraulically operated mechanical equipment was observed on-Site, and none was reported by the Site Representative.

A pole-mounted transformer was located approximately 10 m southeast of the Site, on the northeast adjacent property. Electrical wiring from the northeast exterior of the Site Building connects the Site to the transformer. No evidence of spills or staining surrounding this transformer was noted during the Site reconnaissance.

#### **4.2.8 Potable and Non-Potable Water Sources**

Potable water is provided to the Site Building by the City of Ottawa; the City of Ottawa's source of potable water is the Ottawa River. Groundwater is not used as a source of potable water for the Site.

#### **4.2.9 Details of Sewage Works**

Wastewater generated within the Site Building is discharged into the City of Ottawa's municipal sanitary system.

#### **4.2.10 Special Attention Substances**

##### **4.2.10.1 Asbestos-Containing Materials**

Asbestos was used during the period from 1945 to 1978 in flooring tiles, ceiling tiles, exterior shingles, roofing, insulation for electrical and heating systems and other construction materials. ACMs can be found in building materials as either friable (easily crumbled) or non-friable. Friable ACMs can be separated from the material in which they are contained and are commonly found in boiler and pipe insulation. Non-friable asbestos refers to asbestos which is contained within a binding agent and is typically found in roofing tars, floor and ceiling tiles, drywall joint compound, window caulking and asbestos cement. ACMs pose health risks when they are friable. The use of ACMs was almost entirely discontinued in Canada by the early 1980s, although ACMs can still be found in recently constructed buildings.

Based on the approximate age of renovations completed within the Site Building (1960s to 1980s), there is the potential for ACMs to be present within the Site Building. Suspected ACMs were identified within the Site Building including pipe insulation, drywall joint compound, flooring tiles and acoustic ceiling tiles. Additionally,

several ACMs were confirmed within the Site Building within the 2021 Ottawa Contaminant Solutions Designated Substances Survey. These included the ceiling texture coat and parging-like material in certain basement rooms, and drywall joint compound throughout the Site Building. Asbestos is presumed to be present in friable pipe fitting insulation located in the boiler room.

According to the 2021 Ottawa Contaminant Solutions Designated Substances Survey, ACMs at the Site must be handled according to the measures and procedures prescribed in O. Reg. 278/05.

#### *4.2.10.2 Ozone Depleting Substances*

Certain chemicals such as chlorofluorocarbons, hydrochlorofluorocarbons and halons are recognized as ODSs because they breakdown in the stratosphere and release chlorine or bromine, which destroy the stratospheric ozone layer. ODSs are used mainly as coolants in refrigerant and air-conditioning equipment and as blowing agents in foam-product manufacturing. The release of ODSs from cooling equipment can be caused by leaks as well as during installation and servicing.

Roofs were not accessed as part of this assessment. However, a two-fan outdoor condenser unit was present on the roof, visible from the exterior of the property. Wall-mounted air conditioning units were present in common areas throughout the Site, such as living rooms and stairwells. McIntosh Perry did not identify coolants during the Site reconnaissance.

#### *4.2.10.3 Lead*

Lead was a common additive in exterior and hard-wearing paint applications. Lead was widely used to prolong shelf life of paint and to increase its flexibility and durability to wear and weather, during the period from the early 1900s to the late 1970s. Lead is also known to have been used in solder on copper plumbing fixtures and in lead conduit pipes. Lead dust or chips could be a concern for exposure through ingestion or inhalation.

The lead content in interior paint was not controlled until 1976, when the Federal Hazardous Products Act limited its use to 0.5% by weight (5,000 parts per million (ppm)). The Surface Coating Materials Regulations came into effect in 2005 with amendments made to certain parts of the Hazardous Products Act (SOR/2016 - 93). As such, the previous acceptable level of lead in paint has been amended from 5,000 ppm to 600 ppm. Amendments effective December 2010 have lowered the threshold to 90 ppm.

Based on the approximate age of renovations completed within the Site Building (1960s to 1980s), there is the potential for the presence of paints with high concentrations of lead within the Site Building. However, in order to determine the actual lead concentrations in paint, analytical testing would be required. The painted surfaces observed during the Site visit were in okay condition, with evidence of peeling and flaking observed in most rooms throughout the entire Site Building.

According to the 2021 Ottawa Contaminant Solutions DSS report, lead is present in the interior paint based on the age of the Site. Disturbances of painted surfaces should be conducted in accordance with the Ministry of Labour Guideline, Lead on Construction Projects.



#### *4.2.10.4 Urea Formaldehyde Foam Insulation*

UFFI was used in the 1970s, most extensively from 1975 to 1978, in existing buildings by injecting the foam into areas, such as behind walls, where it expanded to fill the cavity. It was often injected through small holes uniformly spaced in the exterior wall cavity. UFFI use was banned in Canada in 1980.

Based on the approximate age of renovations completed within the Site Building (1960s to 1980s), there is the potential for the presence of UFFI. Potential UFFI was visible in the following locations:

- Surrounding the door frames of two storage closets located in the historic basement of the Site Building; and
- Behind insulation on an exposed section of ceiling inside a tenant room on the third floor of the Site Building.

Consideration should be given to conducting a UFFI survey prior to any planned renovation or demolition at the Site.

#### *4.2.10.5 Mould*

Mould-like substances were observed during the Site reconnaissance at the following locations in the interior of the Site Building:

- Brown mould-like substance visible on an approximate 0.25 m<sup>2</sup> area of the ceiling in the living room located on the northeast corner of the ground floor in the Site Building;
- Grey-brown mould-like substance visible on an approximate 0.5 m<sup>2</sup> area of a wall, located directly outside the room where the historic confessional booths are present; and
- Grey-brown mould-like substance visible in the living area on the basement level. The substance was present across the bottom portion of the wall and the approximate extent of the mould-like substance was 3 m<sup>2</sup>.

Consideration should be given to conducting a mould survey prior to any planned renovation or demolition at the Site.

#### *4.2.11 Liquid Chemical Waste Generation, Storage & Disposal*

Liquid chemical wastes were not observed during the Site reconnaissance and, according to the Site Representative, are not produced on-Site.

#### *4.2.12 Solid Waste Generation, Storage & Disposal*

The Site is currently vacant and as such solid waste is not currently being generated. When it is, garbage, recycling and compost wastes generated within the Site Building are removed for off-Site disposal on a weekly basis by the City of Ottawa.

No special or hazardous solid industrial wastes are generated at the Site. The Site is not registered as a generator of special or hazardous solid industrial wastes.

#### **4.2.13 Abandoned and Existing Wells**

No groundwater wells were noted during the Site reconnaissance, and none were reported by the Site Representative.

#### **4.2.14 Staining to Soil, Vegetation, or Pavement, or Stressed Vegetation**

No staining and no stressed vegetation were observed on the Site exterior during the Site reconnaissance.

#### **4.2.15 Fill and Debris**

No evidence of significant fill material or debris was observed during the Site reconnaissance, and none was reported by the Site Representative.

### **4.3 Observations on Surrounding Properties**

Properties surrounding the Site were observed from publicly accessible locations during the Site reconnaissance. The observations made on these properties are outlined in the following subsections. A plan showing the property uses within the area surrounding the Site is provided as Figure 3.

#### **4.3.1 Properties North of the Site**

Properties located north of the Site consisted of primarily residential and institutional properties, including various embassy properties. Wilbrod Street is located north adjacent to the Site. No evidence of emissions or hazardous material storage was observed on these properties.

#### **4.3.2 Properties East of the Site**

Properties located east of the Site consisted of residential properties, followed by Charlotte Street, and additional residential and institutional properties. The Rideau River is located approximately 160 m east of the Site, at its closest point. No air emissions or hazardous material storage was observed on these properties.

#### **4.3.3 Properties South of the Site**

Properties located south of the Site consisted of residential and commercial buildings, followed by Laurier Avenue East, and Strathcona Park, located adjacent to the Rideau River. No air emissions or hazardous material storage was observed on these properties.

#### **4.3.4 Properties West of the Site**

Properties located west of the Site consisted of a multi-tenant residential building, followed by single residential properties and institutional properties including various embassies. No air emissions or hazardous material storage was observed on these properties.

## 5.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, evaluation and an interpretation of the information from the records review, interviews and site reconnaissance.

### 5.1 Current and Past Uses of Phase One Property

The Site is currently occupied by a three-storey residential dwelling with surrounding exterior landscaped areas. Based on a review of city directories, aerial photographs, and FIPs, the present-day north, central, and southwest portions of the Site building were constructed between 1900 and 1904. The southeast addition within the present-day Site Building was constructed between 1958 and 1965. Prior to the early 1900s the Site consisted of vacant land.

### 5.2 Potentially Contaminating Activities

One (1) PCA was identified within the Phase One ESA Study Area and is summarized below.

- Evidence of a historic fuel oil AST at the Site within the basement level boiler room was identified during the Site reconnaissance. Evidence included staining, a concrete pad, fuel piping, and wall discolouration.

### 5.3 Areas of Potential Environmental Concern (APEC)

One (1) APEC was identified at the Site where the historic fuel oil AST was located within the basement level boiler room.

### 5.4 Phase One Conceptual Site Model

This Phase One Conceptual Site Model is prepared as part of a Phase One Environmental Site Assessment (Phase One ESA) for the Phase One Property identified in Section 1.1.1 of this report, addressed as 476 Wilbrod Street, Ottawa, Ontario. (hereinafter referred to as the "Phase One Property" or the "Site"). A Site Location Plan is presented on Figure 1.

Based on the records review, the Phase One Property appears to have been first developed with a residential dwelling between 1900 and 1904. It is our understanding that the Site will be redeveloped with a three-storey residential addition to the current Site Building, representing residential land use under O.Reg. 153/04 as amended.

The legal description of the Site is as follows:

PT LTS 7 & 8, PL 208649, AS IN CR450007; T/W CR450007; OTTAWA/NEPEAN

PIN 042120234

Land use at the Site is residential.

## 6.0 CONCLUSIONS

Based on a review of historical information and the Site reconnaissance, one PCA was identified within the Phase One Study Area, which represents an APEC at the Site.

The identified PCA within the Phase One Study Area was a historical fuel oil AST noted within the basement level boiler room of the Site Building. It was concluded fuel oil was stored on-Site due to the presence of a concrete pad, fuel piping, staining around the concrete pad, and wall discolouration within the boiler room of the Site Building. Based on the inferred duration and nature of fuel storage within the Site Building, this PCA is considered to represent an APEC in relation to the Site.

### 6.1 Is a Phase 2 ESA Required?

Based on the identified PCA and APEC in relation to the Site, *a limited Phase Two ESA is recommended at this time.*

## 7.0 QUALIFICATIONS OF ASSESSORS

Field assessment was conducted by Pamela Muniz of McIntosh Perry. Pamela has completed numerous Phase I/One and Phase II/Two ESAs for various residential, commercial, and industrial properties across Ontario.

Reporting was undertaken by Janelle Giberson of McIntosh Perry. Janelle has completed numerous Phase I/One and Phase II/Two ESAs for various residential, commercial, and industrial properties across Ontario.

Senior review was undertaken by Fraser Armstrong, P.Eng. of McIntosh Perry. Fraser is a licensed professional engineer in Ontario and a QP under O.Reg. 153/04, as amended. With over 25 years experience, Fraser has completed numerous of Phase I/One and II/Two ESAs across Ontario for residential, commercial and industrial properties.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario and the Professional Geoscientists of Ontario and is a full member of the Consulting Engineers of Ontario.

## 8.0 LIMITATIONS

The information presented in this report is based on the historical data obtained from readily available public records, information provided by others and direct visual observation made by personnel with McIntosh Perry as identified herein. This assessment did not include such tasks as sample gathering, laboratory testing, or intrusive investigations. Recommendations contained within our report reflect our informed opinion based on the information gathered during our investigation. The findings cannot be extended to components of the building or portions of the Site that were not reviewed or that were concealed or unavailable for direct observation at the time of our visit.

This report describes the potential for significant negative environmental conditions being present on the property and is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for significant environmental conditions to exist on the property. Where this potential exists, the further reduction or elimination of uncertainty requires the performance of a Phase II Environmental Site Assessment (ESA), i.e. sample gathering, laboratory testing and intrusive investigation.

No legal survey, soil test, detailed structural engineering investigation, or quantity survey compilation have been made. No responsibility, therefore, is assumed concerning these matters, or for any failure to carry out those technical or engineering procedures required to discover any inherent or hidden condition of this property since such investigation work was not included in the terms of reference governing this study.

This Phase I ESA is not an audit of environmental management practices and does not identify geotechnical conditions or geologic hazards of the Site.

The conclusions and recommendations detailed in this report are based upon the information available at the time of preparation of the report. No investigative method eliminates the possibility of obtaining imprecise or incomplete information. Professional judgement was exercised in gathering and analyzing the information obtained and in the formulation of our conclusions and recommendations. The recommendations are not intended to be utilized as a detailed specification for any remedial work that may be required. McIntosh Perry accepts no responsibility for interpretation of our recommendations, or actions taken based on them without our consultation and supervision.

McIntosh Perry does not certify or warrant the environmental status of the property nor the building on the property.

Information provided by McIntosh Perry is intended for Client use only. McIntosh Perry will not provide results or information to any party other than the Client, unless the Client, in writing, requests that information be provided to a third party or unless disclosure by McIntosh Perry is required by law. Any use by a third party, of reports or documents authored by McIntosh Perry, or any reliance by a third party, or decisions made by a third party, on the findings described in reports or documents authored by McIntosh Perry, is the sole responsibility of such third parties. McIntosh Perry accepts no responsibility for damages suffered by any third party as a result of decisions made or work carried out based on reports or documents authored by McIntosh Perry.

McIntosh Perry makes no representations concerning the legal and medical significance of our findings. With respect to regulatory compliance requirements, regulations change from time to time and interpretation of their meaning and intent may also change. McIntosh Perry accepts no responsibility for any legal interpretation of the Regulations, or the consequent financial effect on transactions, property values, or requirements for follow-up actions and costs.

The liability of McIntosh Perry or its staff is limited to the fees paid or actual damages incurred by the Client, whichever is less. McIntosh Perry is not responsible for consequential or indirect damages. All claims by the Client shall be deemed relinquished if not made within two years after last date of services provided.

Please note that the passage of time affects the information provided in the report. Environmental conditions of a Site can change. Opinions relating to the site conditions are based upon information that existed at the time that the conclusions were formulated.

The Client expressly agrees that it has entered into this agreement with McIntosh Perry, both on its own behalf and as agent on behalf of its employees and principals.

The Client expressly agrees that McIntosh Perry's employees and principals shall have no personal liability to the Client in respect of a claim, whether in contract, tort and/or any other cause of action in law. Accordingly, the Client expressly agrees that it will bring no proceedings and take no action in any court of law against any of McIntosh Perry's employees or principals in their personal capacity.



## 9.0 CLOSURE

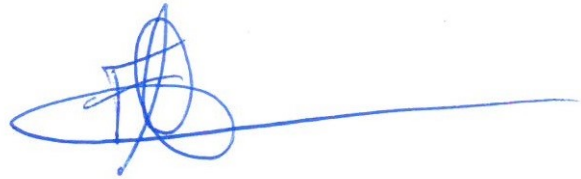
We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry,



Janelle Giberson, B.Sc.  
Environmental Scientist



Fraser Armstrong, P.Eng., QP<sub>ESA</sub>  
Sr. Geo-Environmental Engineer

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Ontario Ministry of the Environment, Conservation and Parks (MECP), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

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Ottawa Contaminant Solutions, Project Specific Designated Substances Survey, 476 Wilbrod Street, Ottawa, Ontario, March 26, 2022.

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO










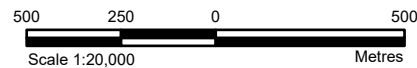
FIGURES



**Site Location**

**LEGEND**

-  Site Location
-  Local Road
-  Major Road
-  Railroad
-  Watercourse
-  Waterbody
-  Wooded Area



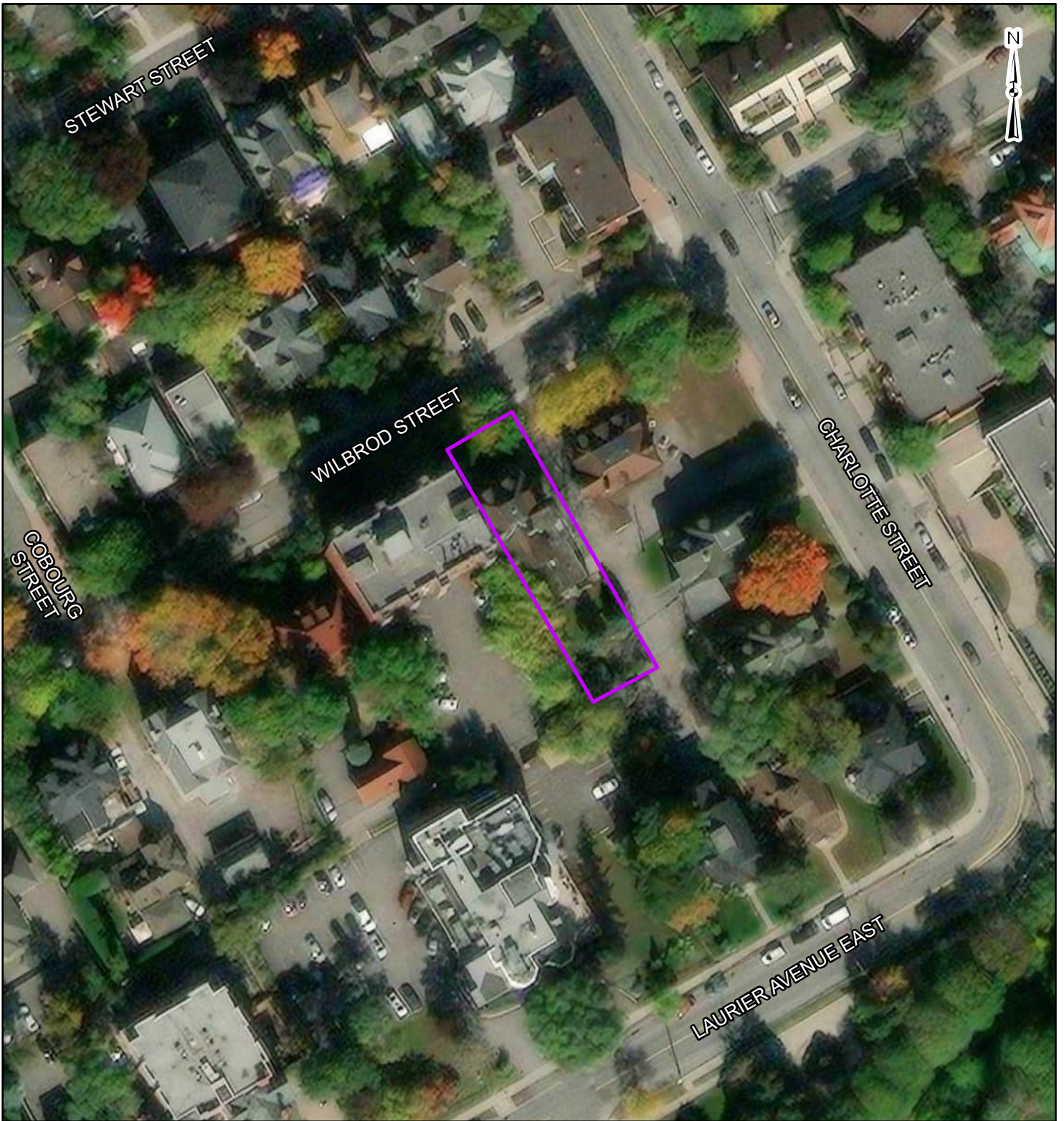
**REFERENCE**

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.


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PROJECT:		<b>PHASE ONE ESA 476 WILBROD STREET, OTTAWA, ONTARIO</b>	
TITLE:		<b>SITE LOCATION</b>	
PROJECT NO:	CCO-22-3130	FIGURE:	<b>1</b>
Date	Apr., 06, 2022	GIS	SK
Checked By	JG		

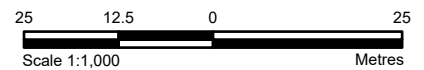
**McINTOSH PERRY**  
 115 Walgreen Road, RR3, Carp, ON K0A1L0  
 Tel: 613-836-2184 Fax: 613-836-3742  
 www.mcintoshperry.com





**LEGEND**

 Approximate Site Boundary

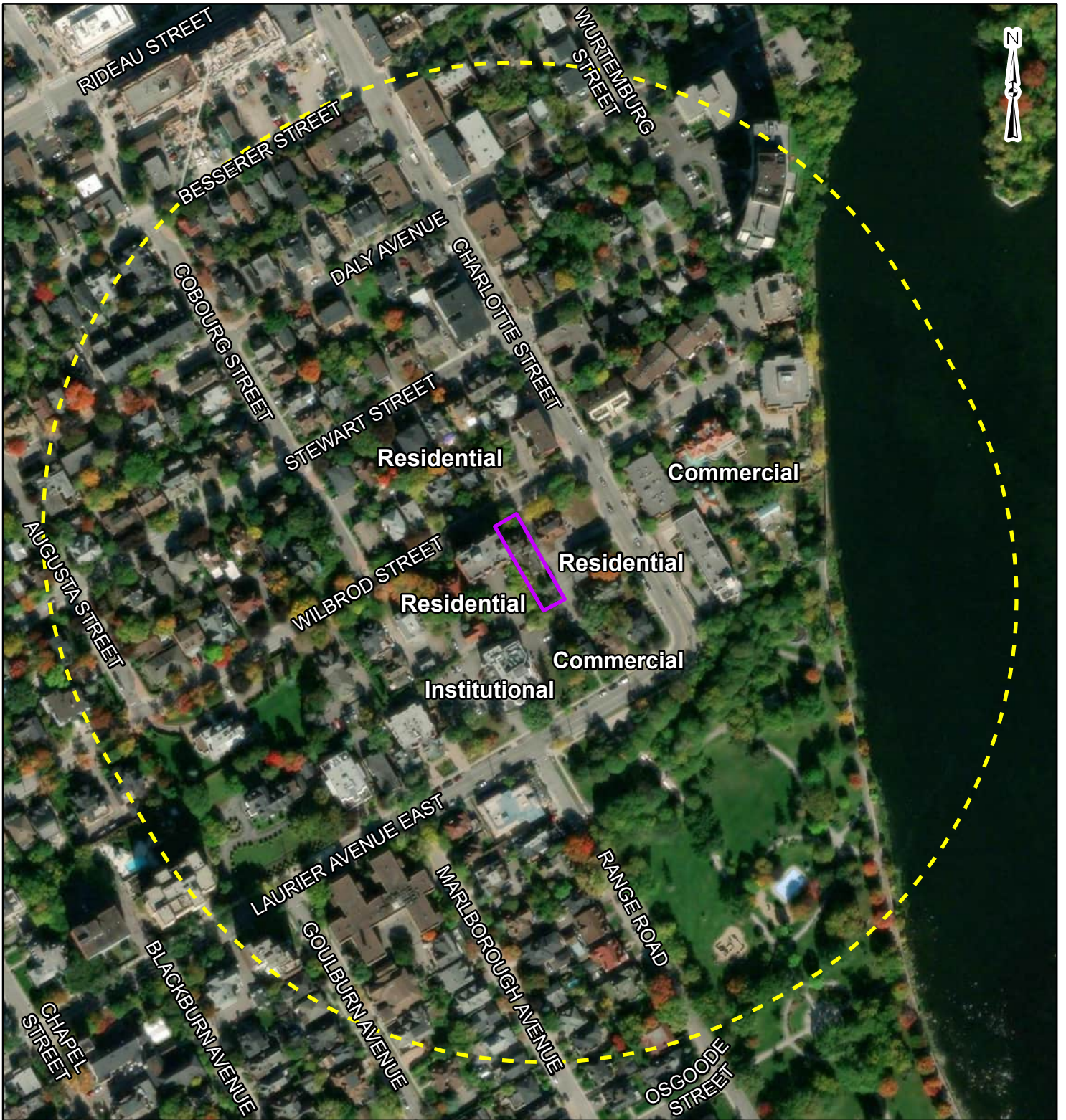


**REFERENCE**

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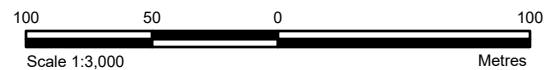
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PROJECT:		PHASE ONE ESA 476 WILBROD STREET, OTTAWA, ONTARIO	
TITLE:		SITE LAYOUT	
<b>McINTOSH PERRY</b> 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO: CCO-22-3130	FIGURE:	<b>2</b>
	Date	Apr., 06, 2022	
	GIS	SK	
	Checked By	JG	





**LEGEND**

- Approximate Site Boundary
- 250m Buffer



**REFERENCE**

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.

CLIENT:		<b>SLEEPWELL PROPERTY MANAGEMENT</b>	
PROJECT:		<b>PHASE ONE ESA 476 WILBROD STREET, OTTAWA, ONTARIO</b>	
TITLE:		<b>STUDY AREA AND SURROUNDING LAND USE</b>	
<b>McINTOSH PERRY</b> 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com		PROJECT NO: CCO-22-3130	FIGURE:
		Date	Apr., 06, 2022
		GIS	SK
		Checked By	JG
		<b>3</b>	



# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



APPENDIX A  
OPTA RESPONSE





# enviroscan



An SCM Company

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Report Completed By:

Swati

Site Address:

476 Wilbrod Street Ottawa ON Canada

Project No:

22032300031

Opta Order ID:

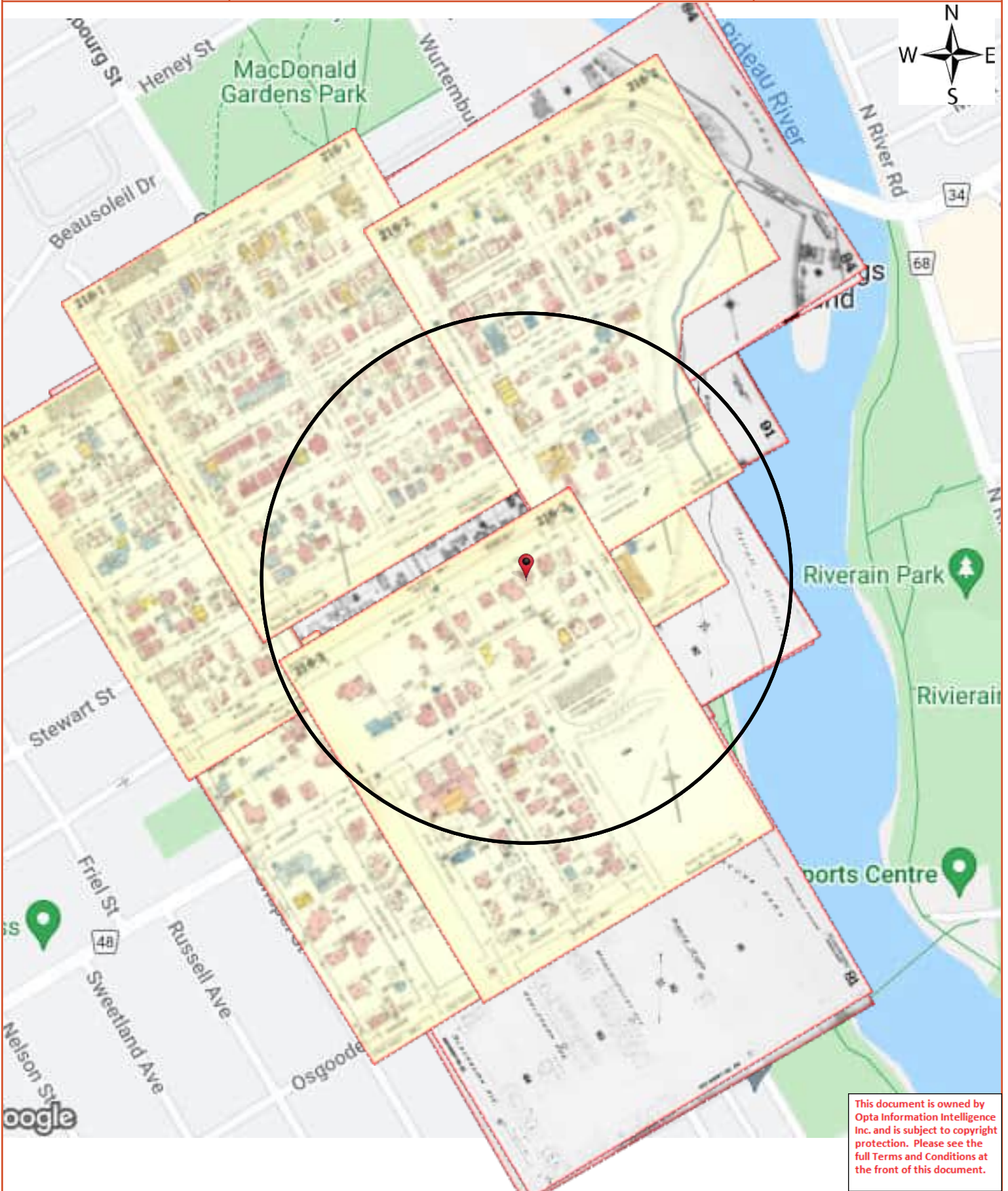
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Requested by:

Eleanor Goolab  
ERIS

Date Completed:

4/1/2022 7:34:48 AM



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# Opta Historical Environmental Services Enviroscan <sup>TM</sup> Terms and Conditions

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The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

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## Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

## Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

## Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



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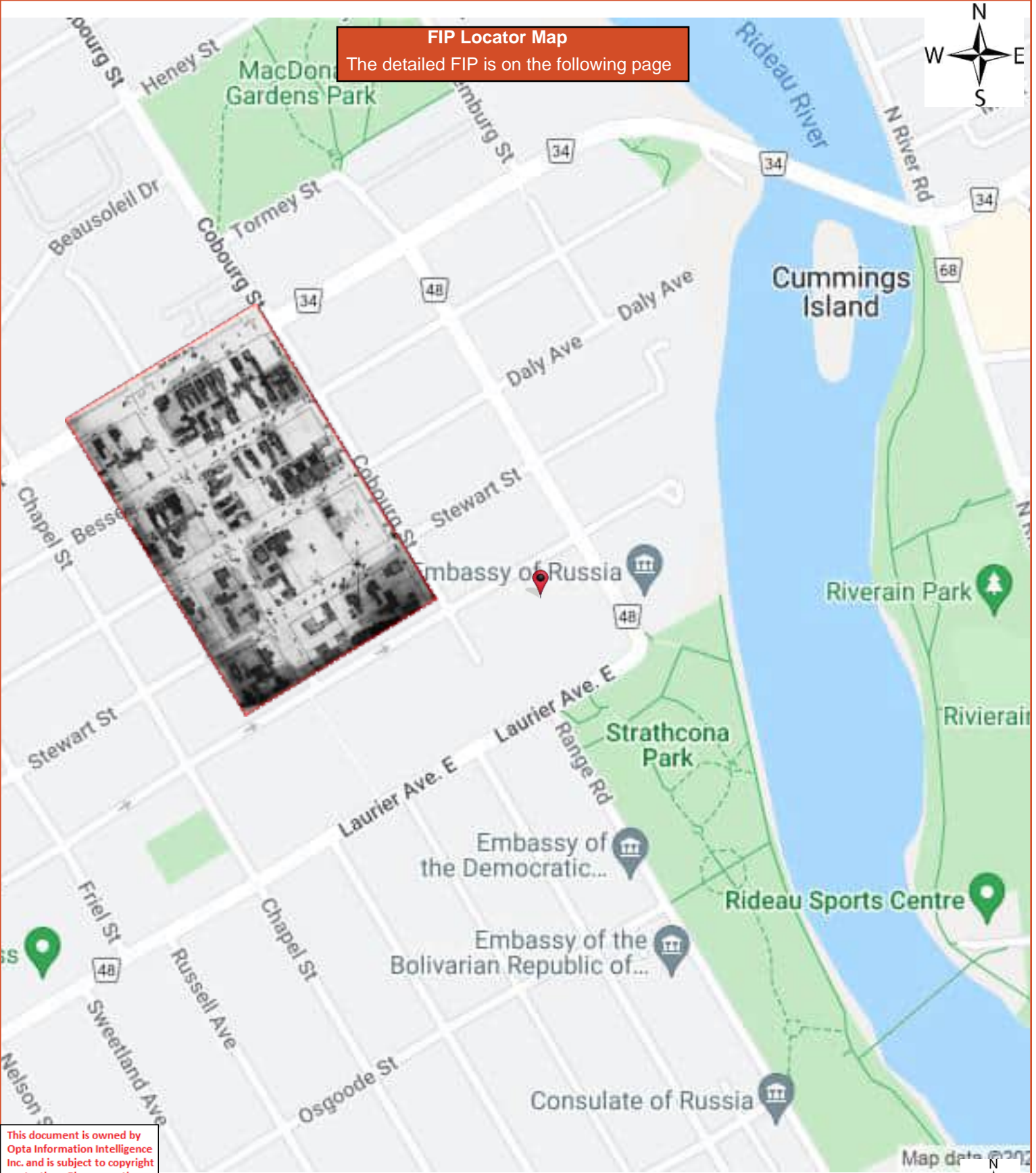
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<b>Page</b>	<b>Report Title</b>
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8	(1901) Volume: Ottawa Volume 1 Firemap: 90
10	(1901) Volume: Ottawa Volume 1 Firemap: 91
12	(1915) Volume: Ottawa Volume 1 Firemap: 24
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32	(1958) Volume: Ottawa Volume 2 Firemap: 215-2
34	(1958) Volume: Ottawa Volume 2 Firemap: 215-2
36	(1958) Volume: Ottawa Volume 2 Firemap: 216-1
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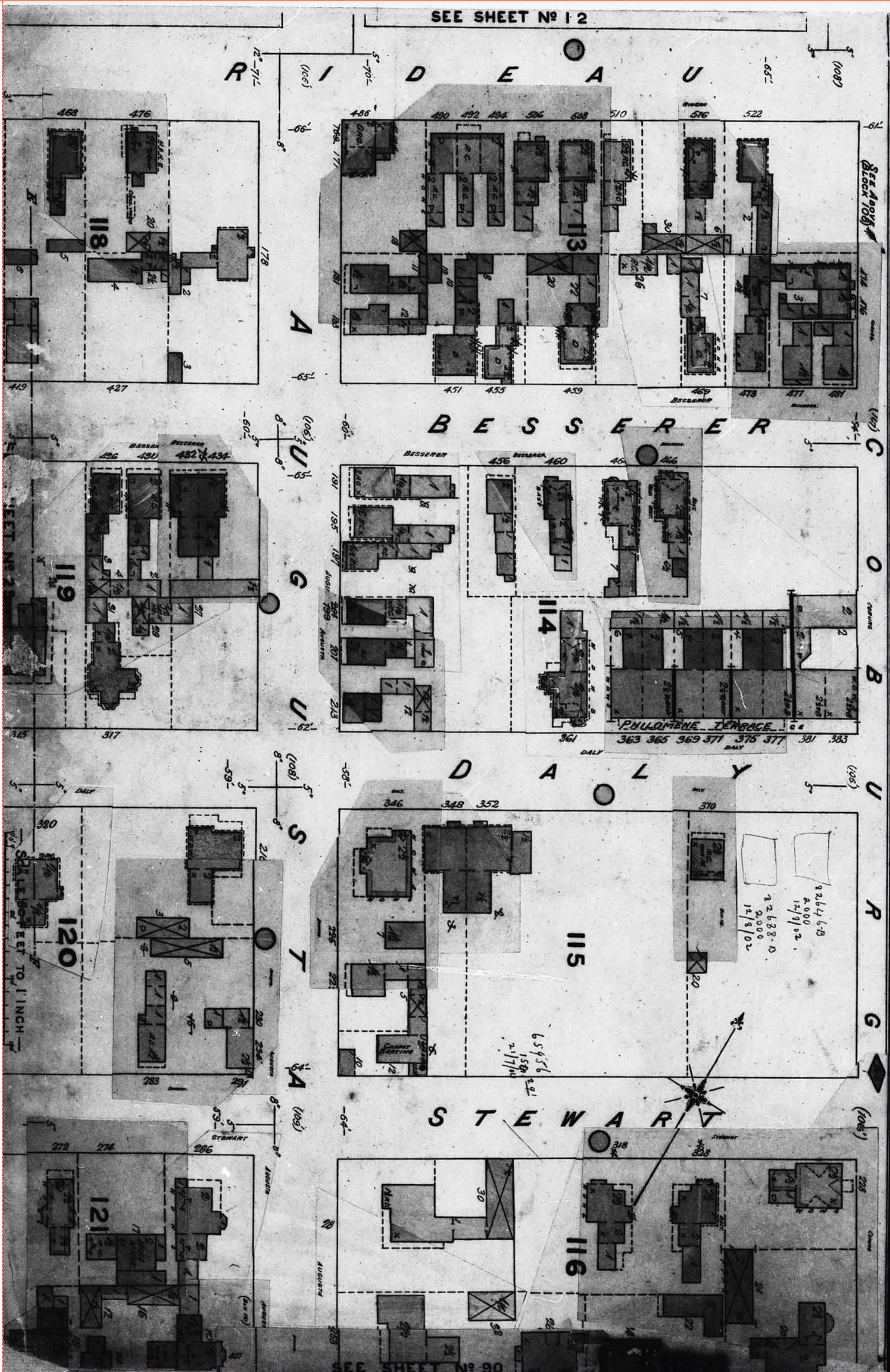


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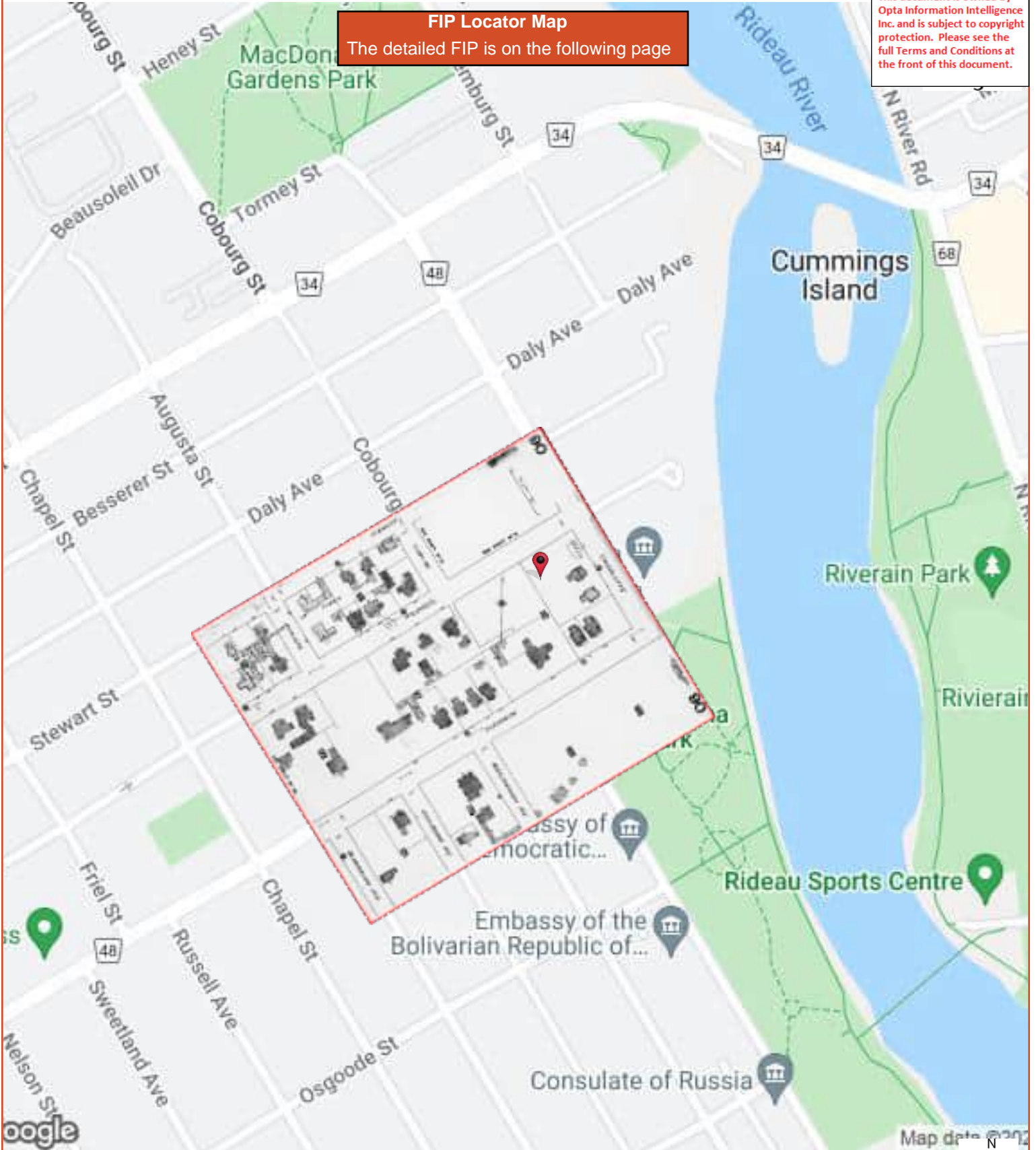




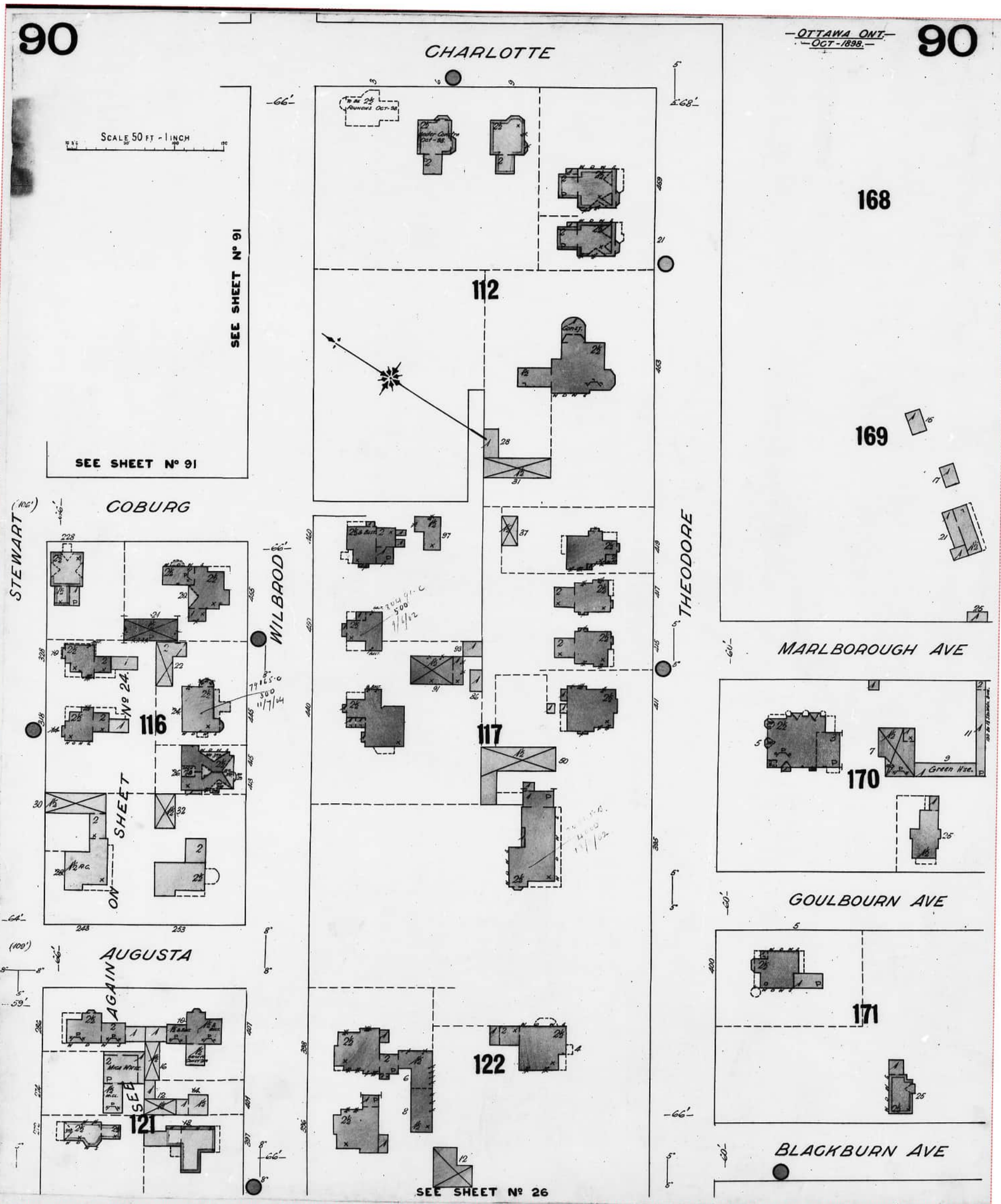


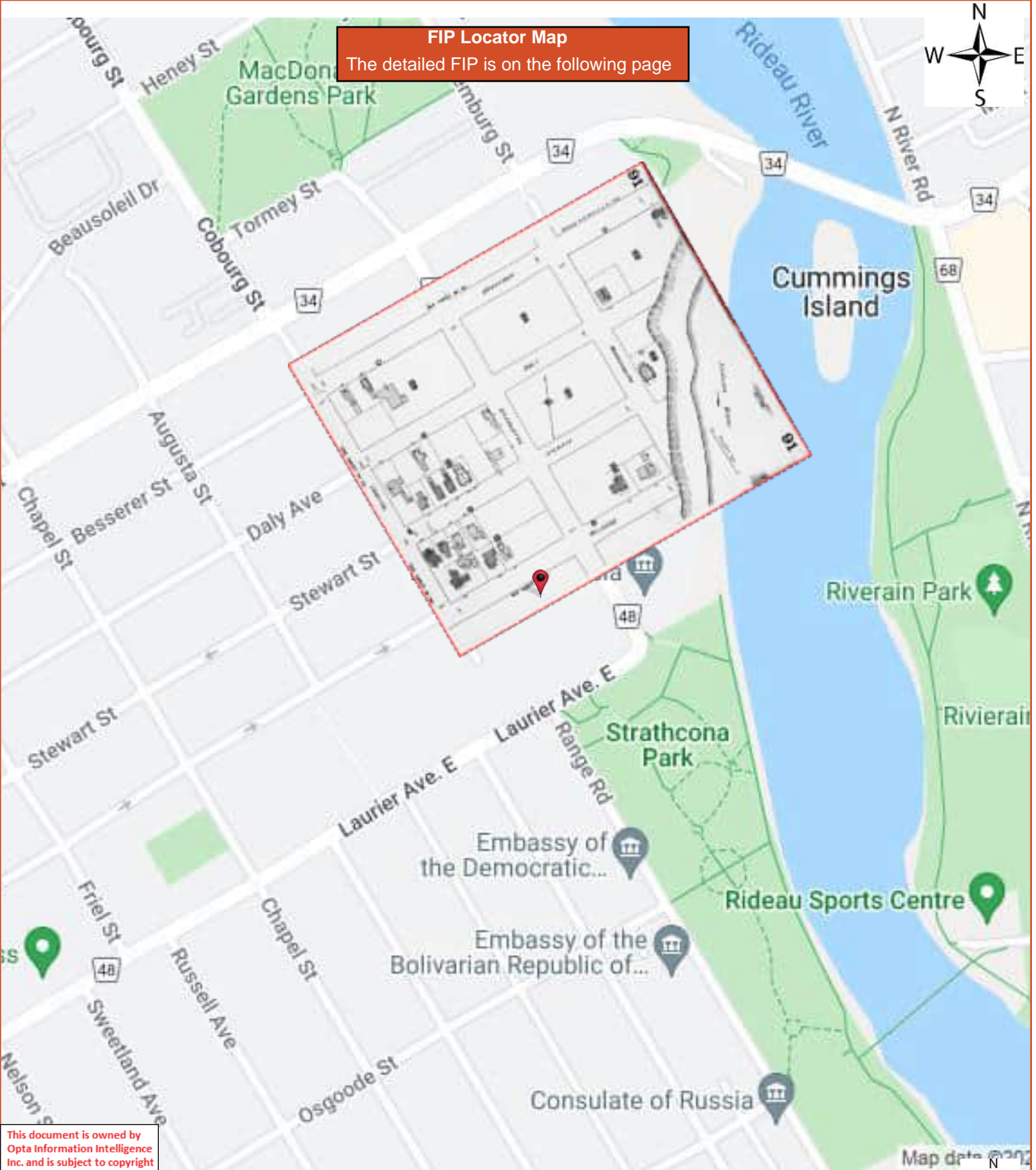
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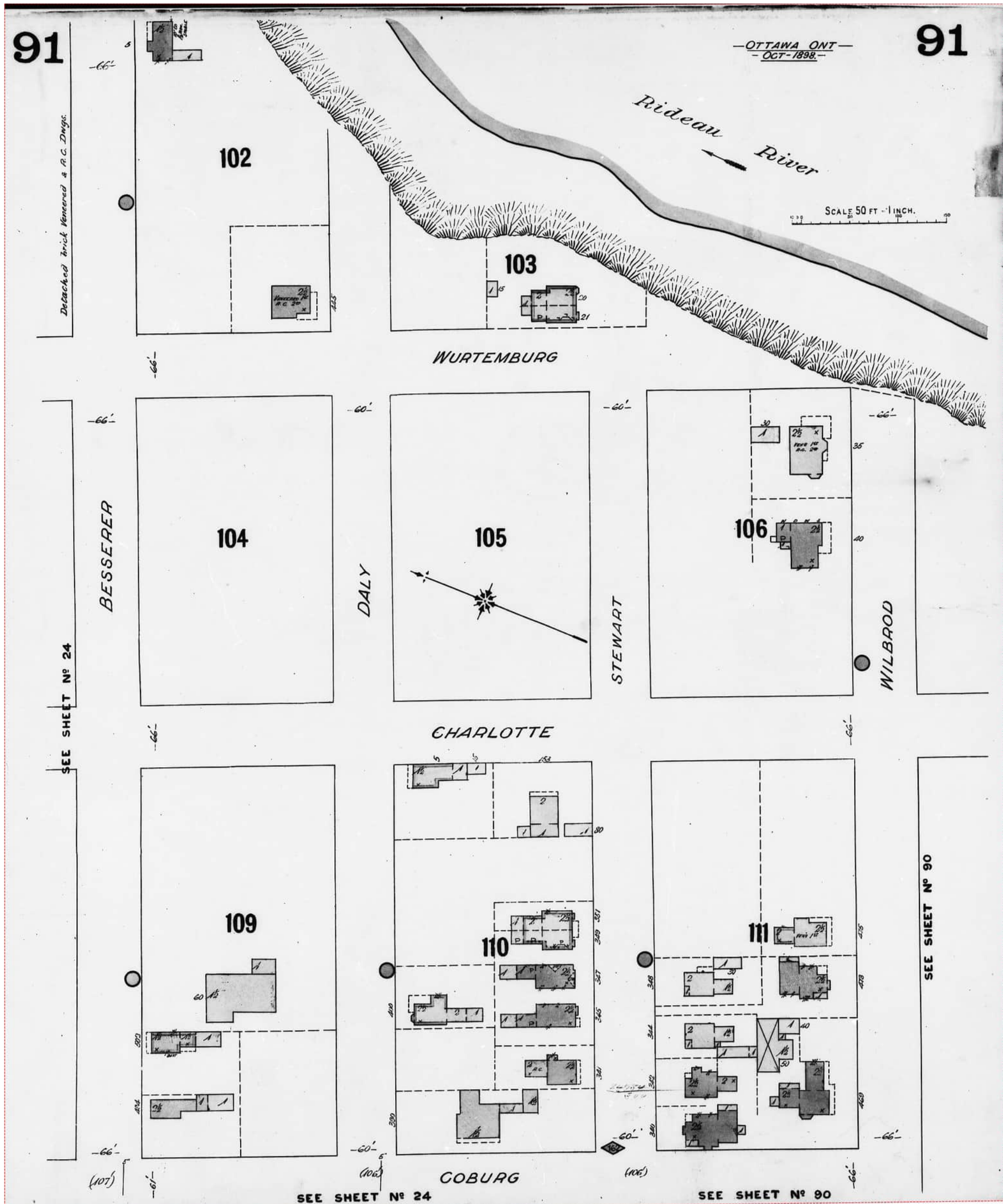


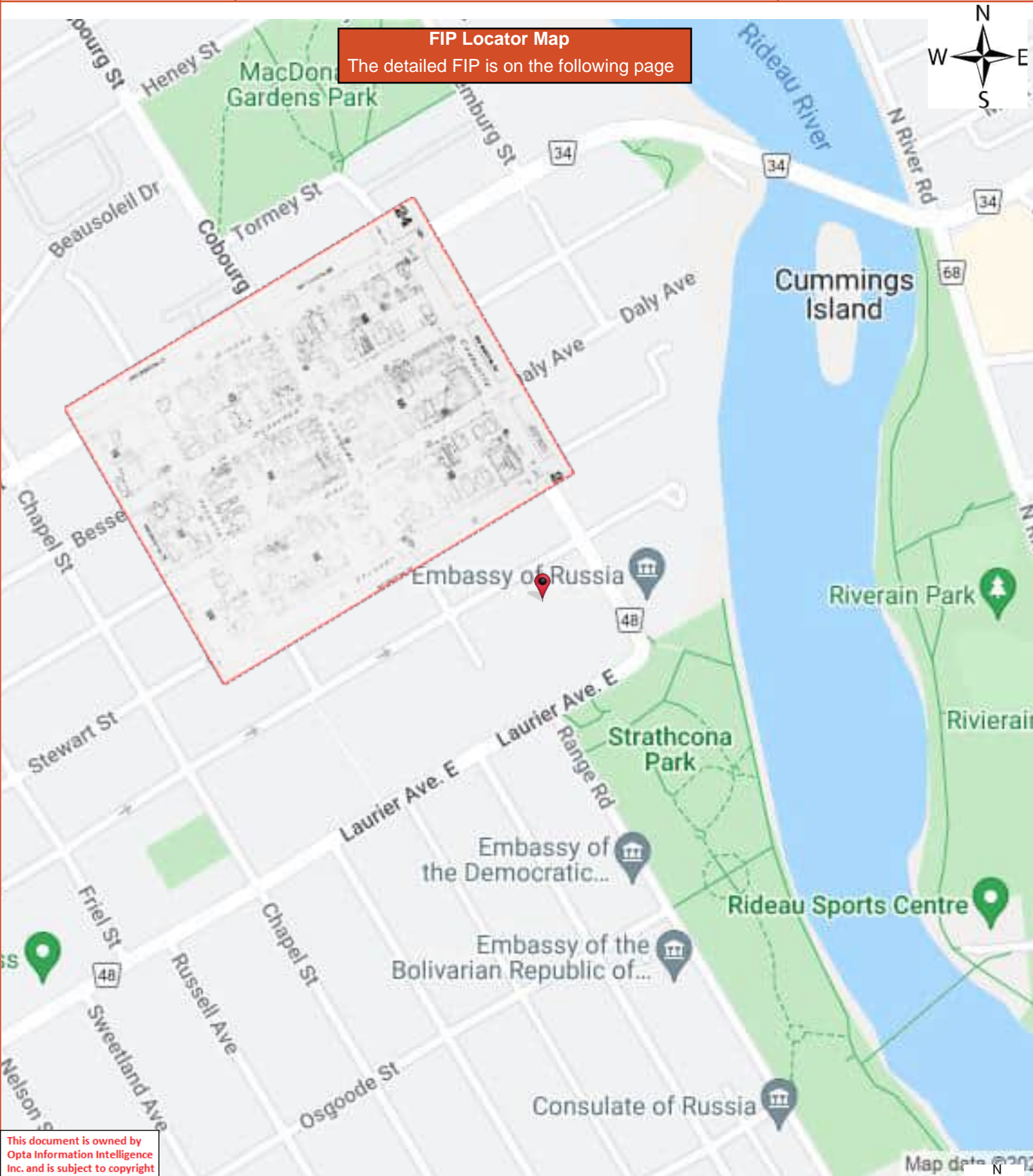


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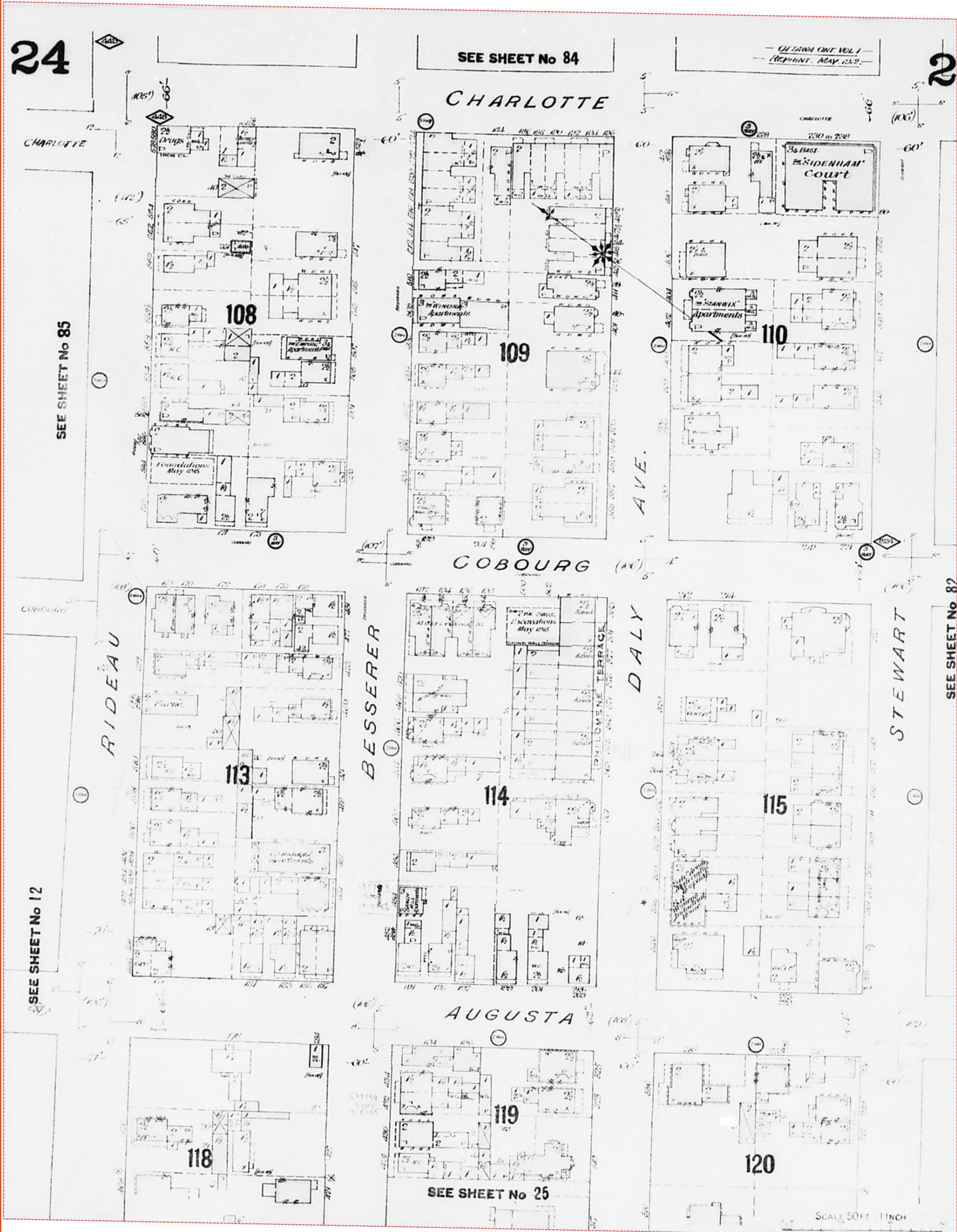




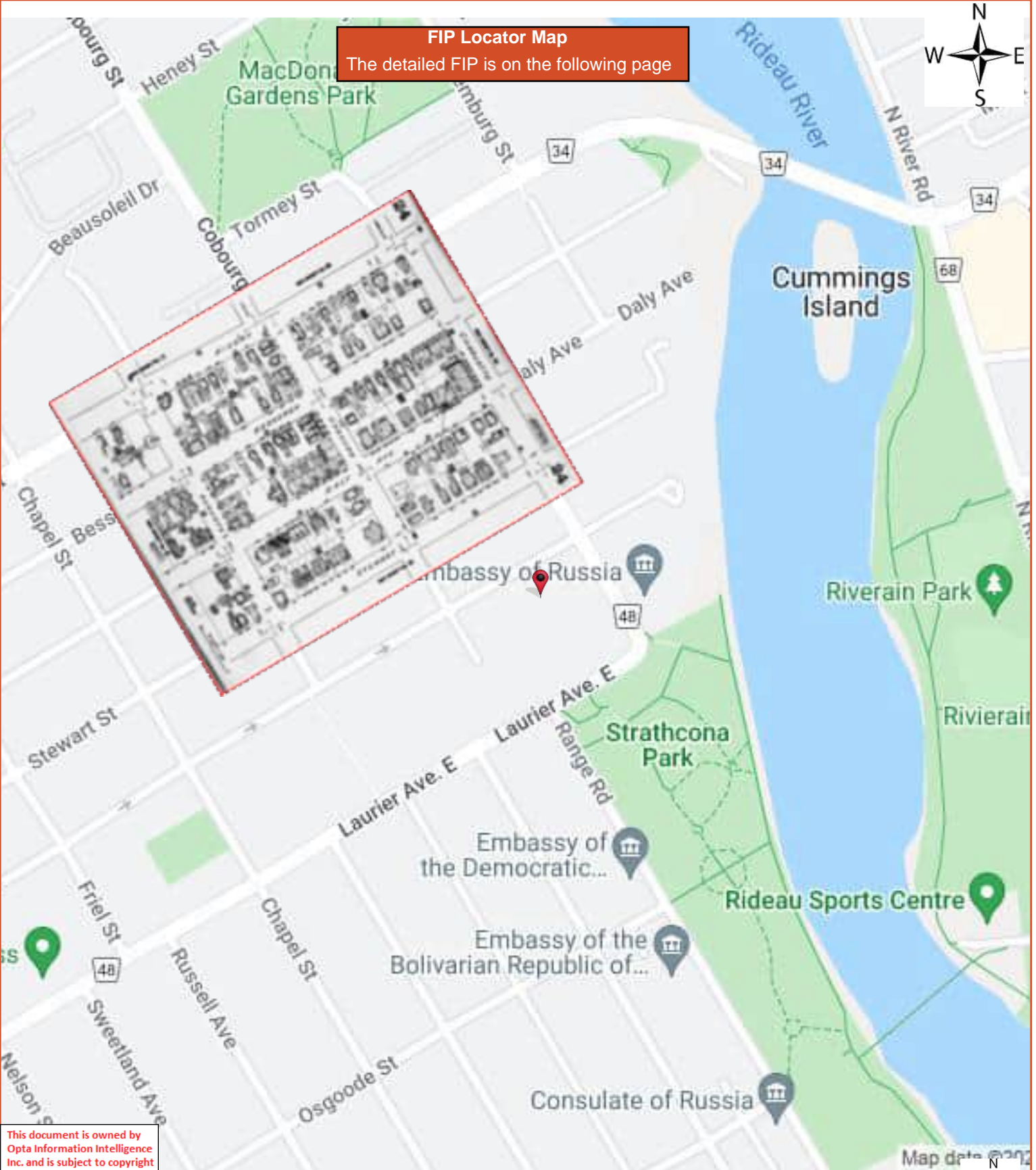
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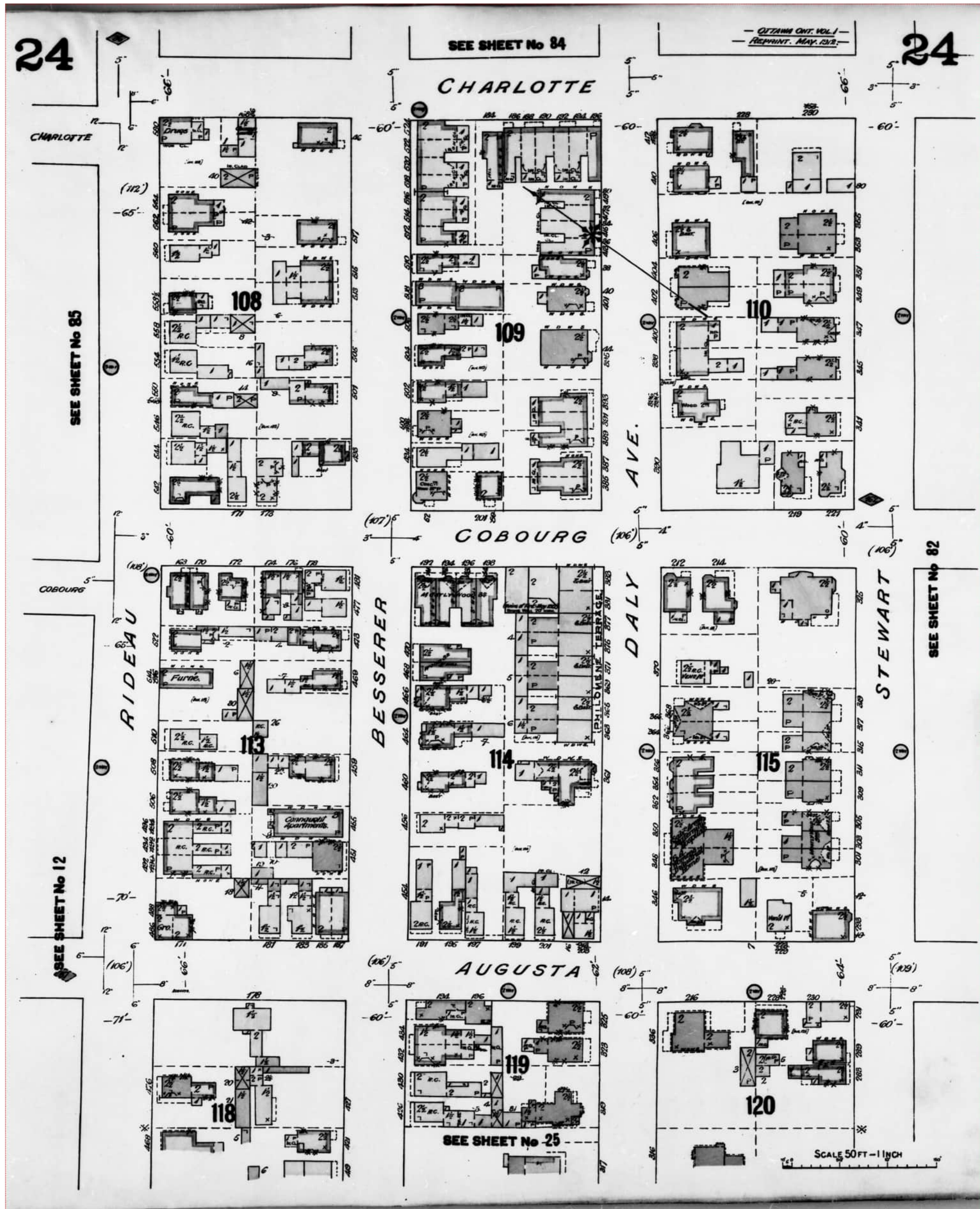


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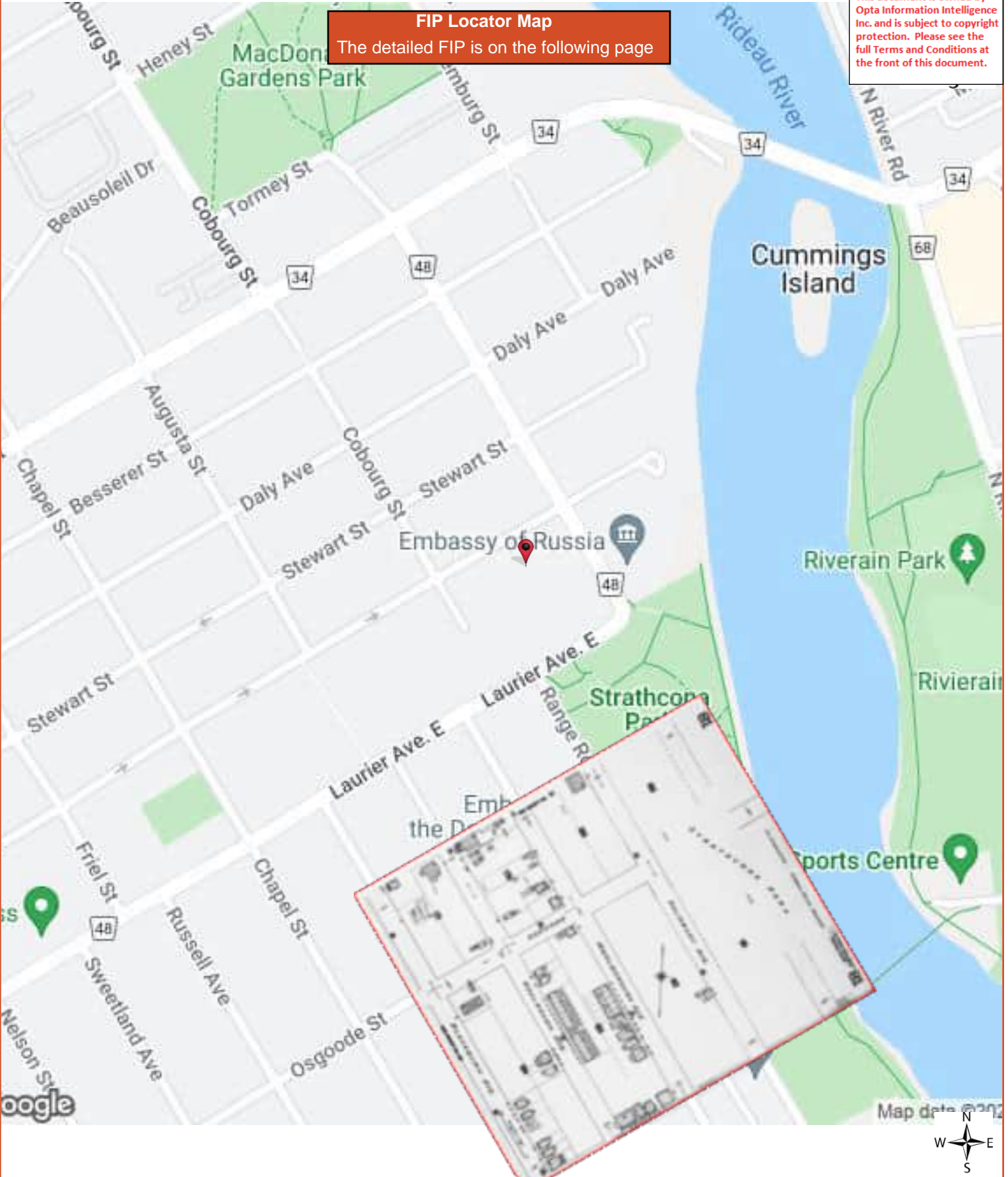
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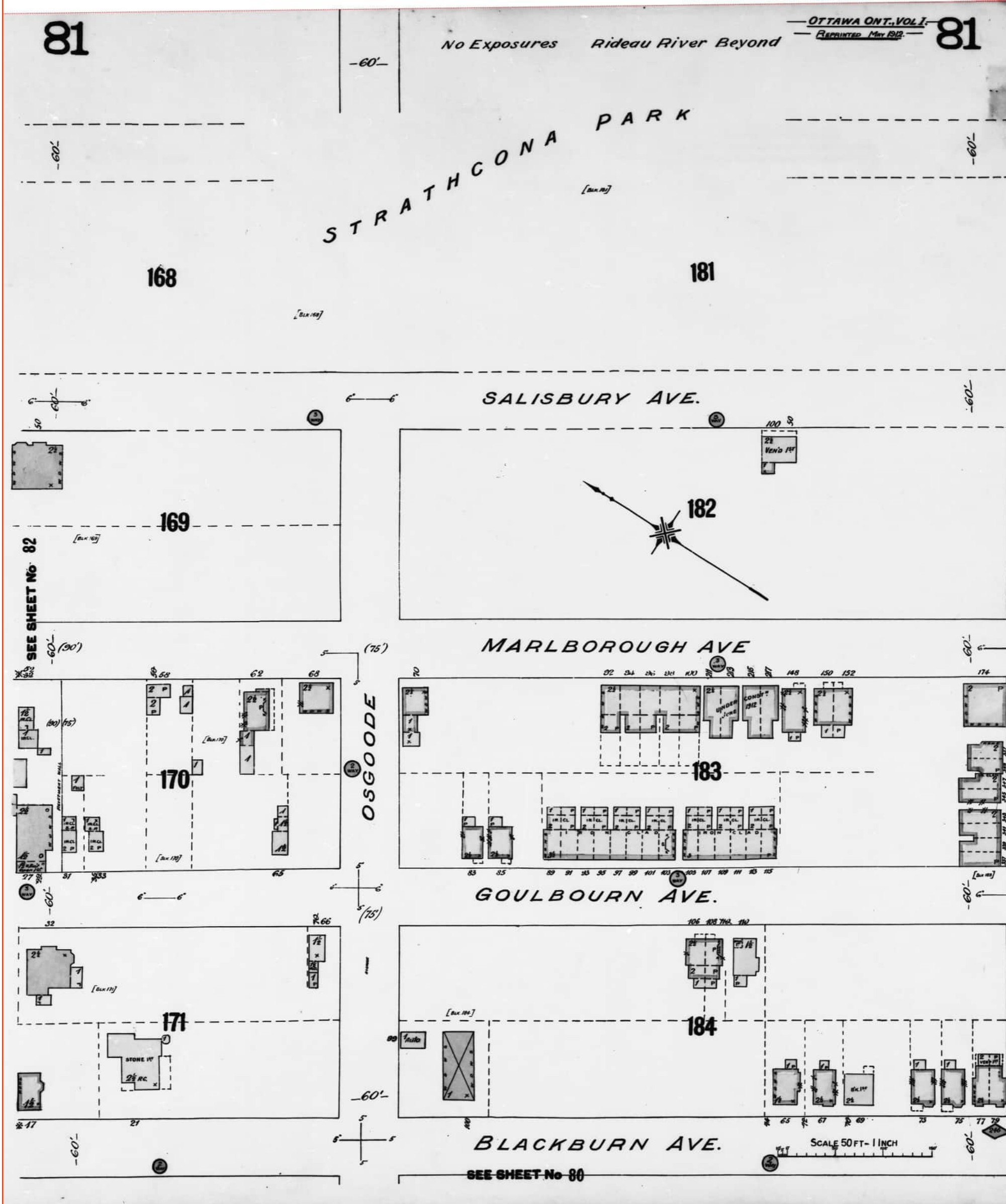




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**FIP Locator Map**  
The detailed FIP is on the following page

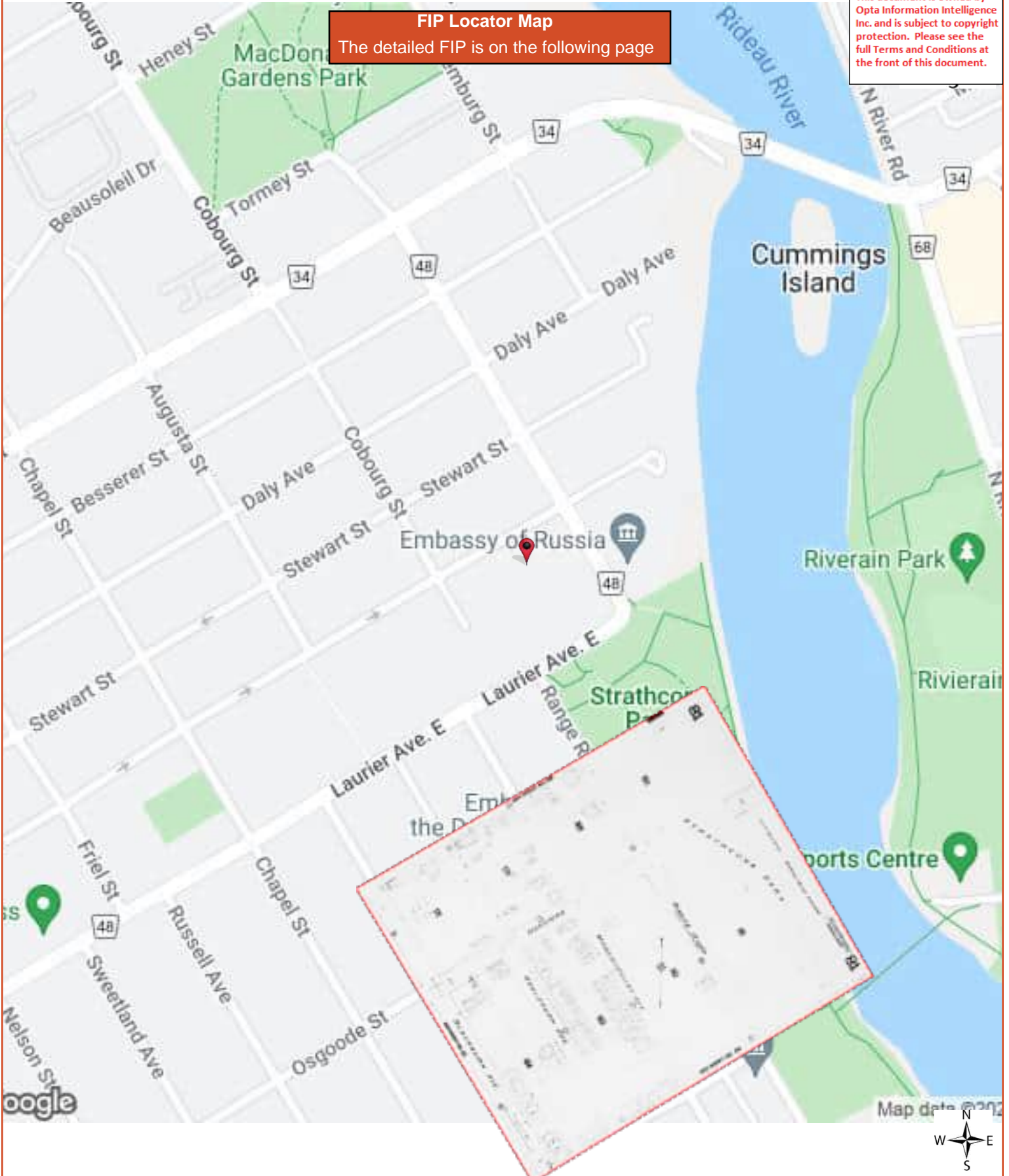


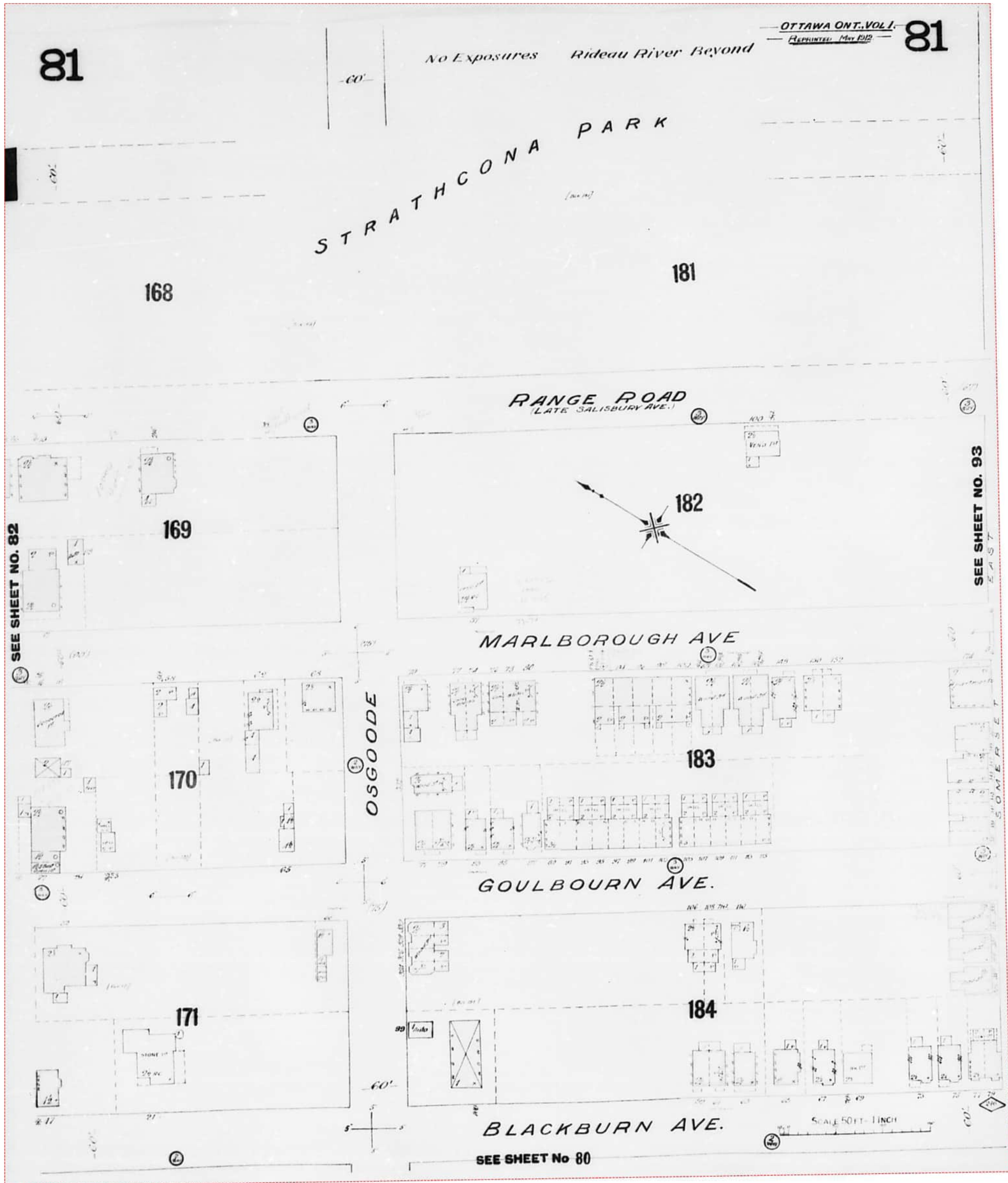




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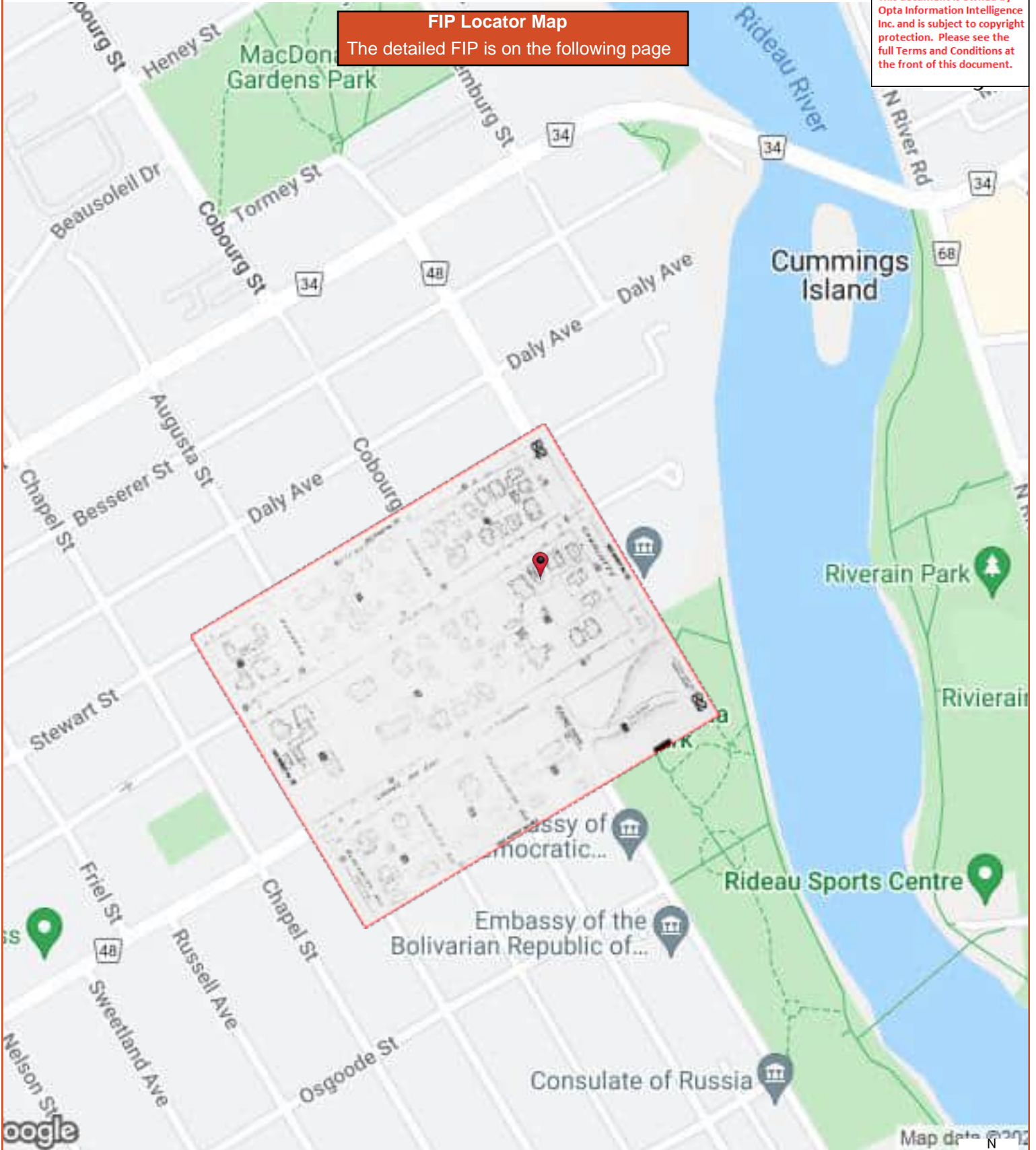


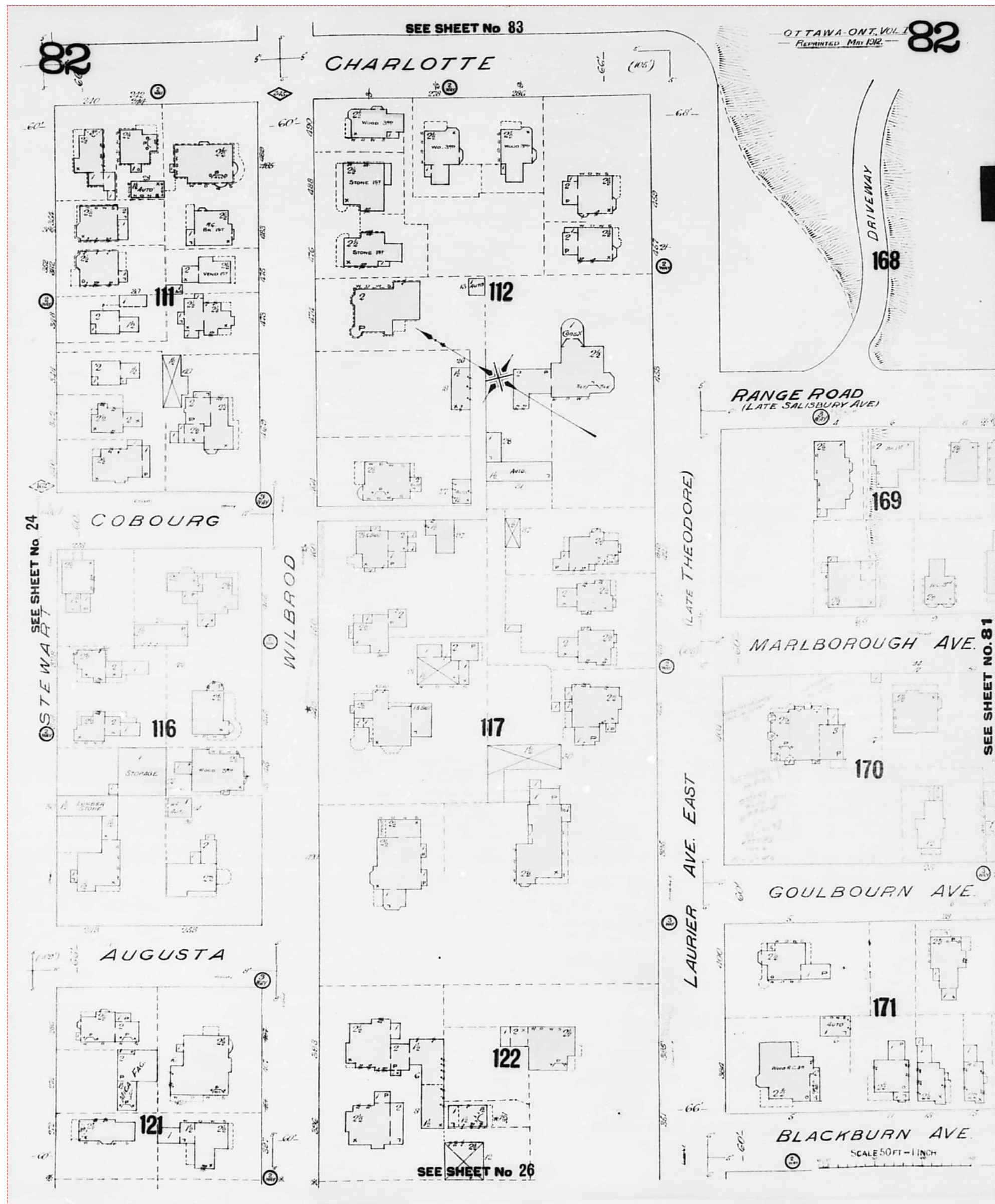




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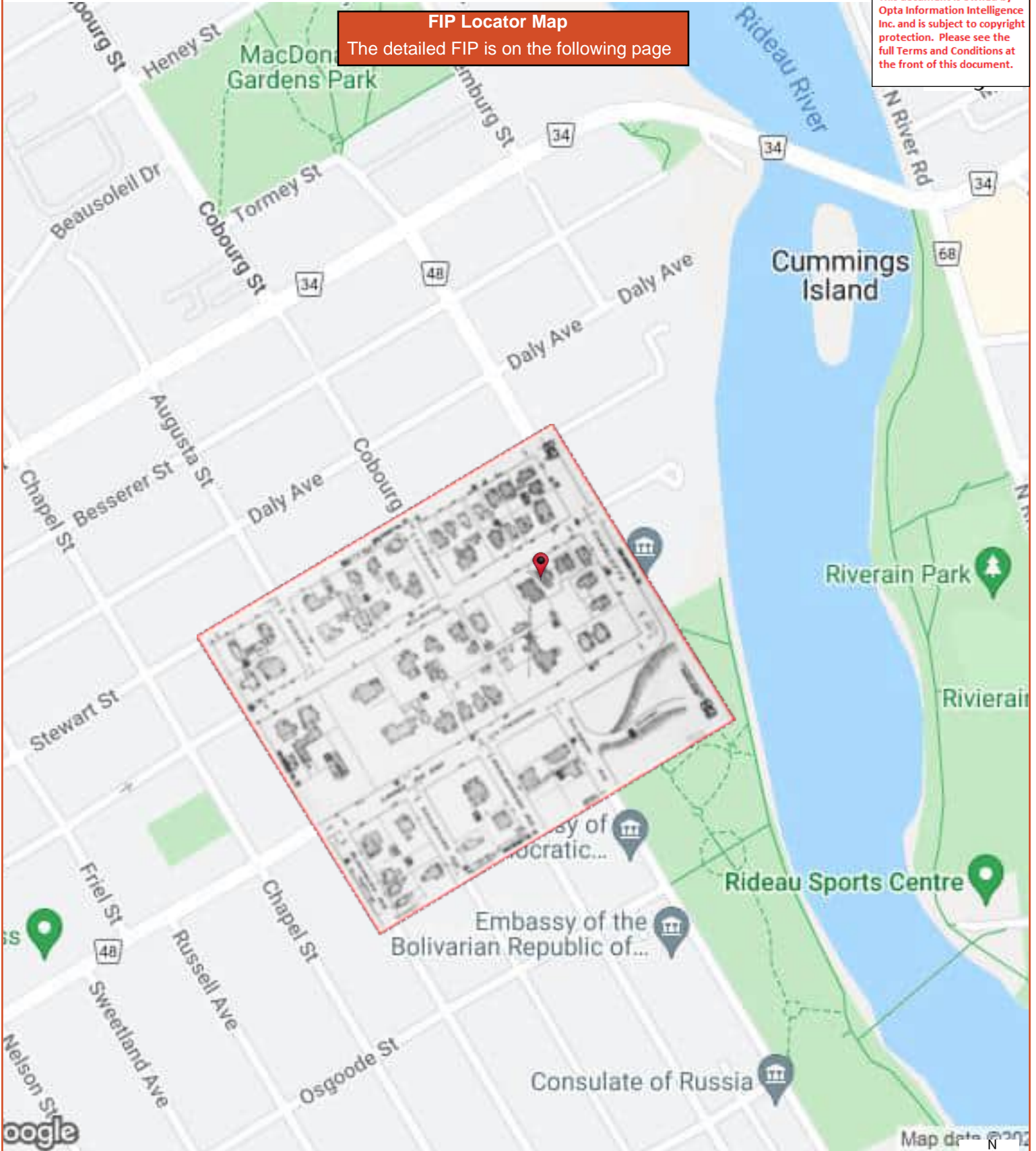






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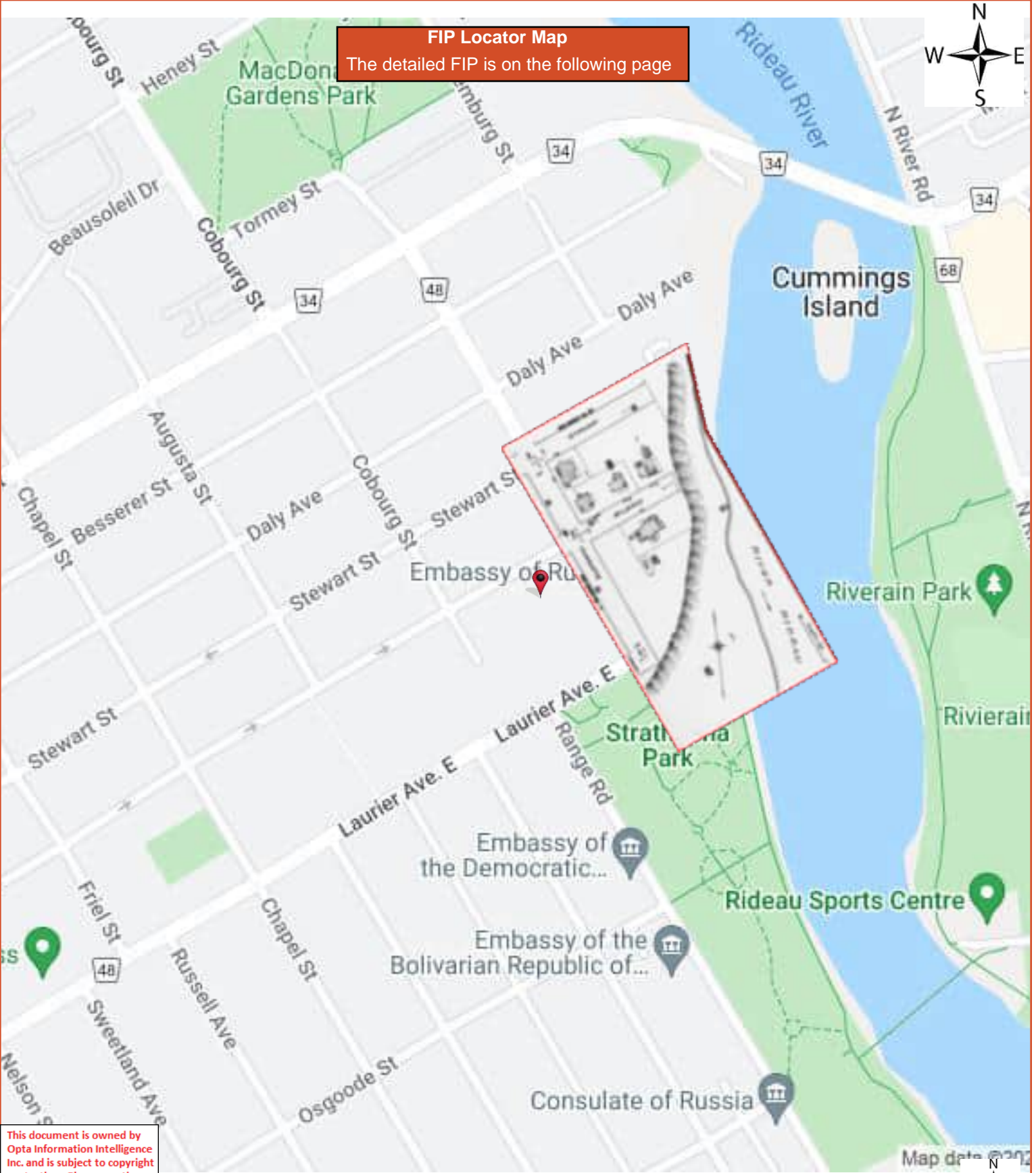
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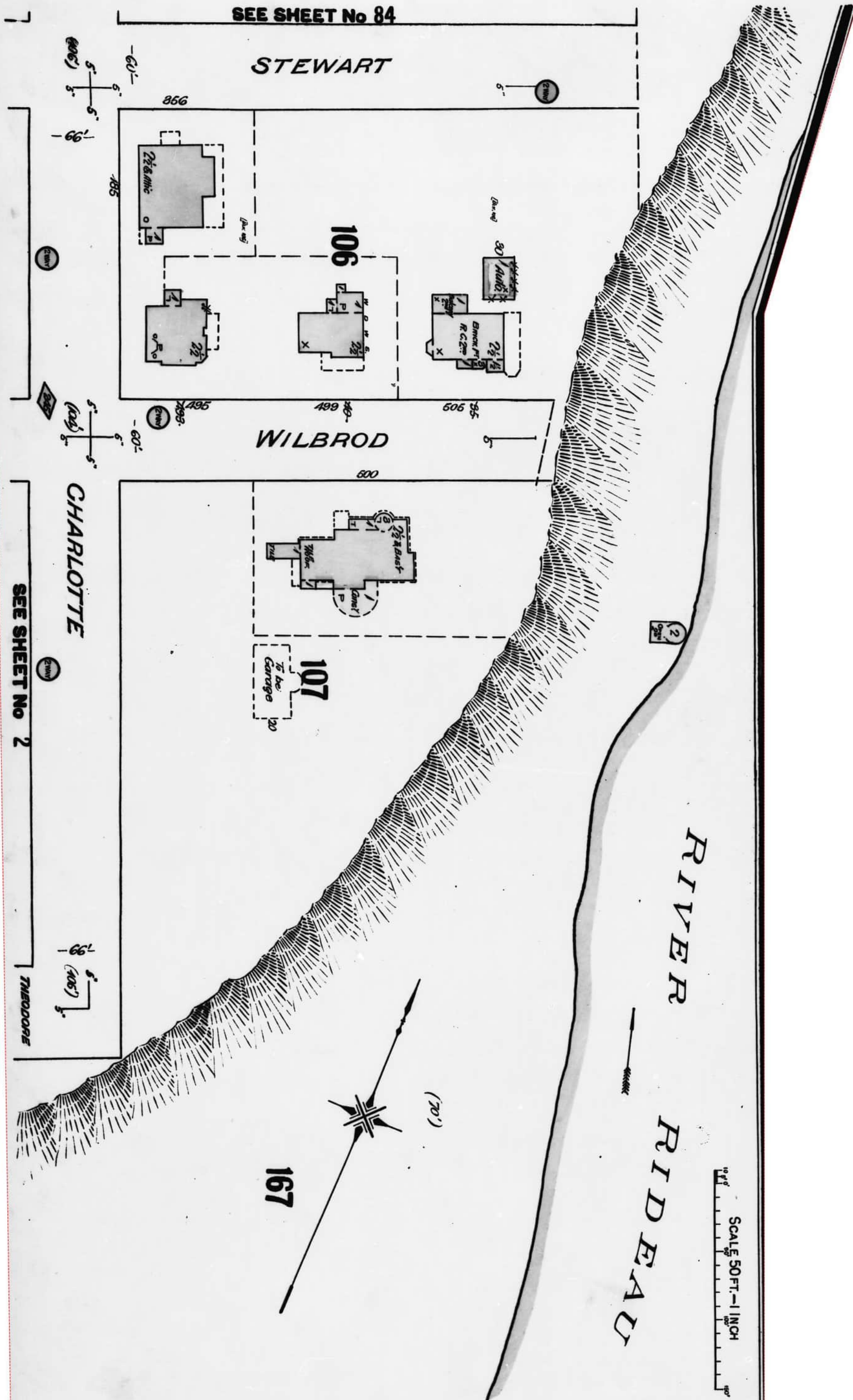




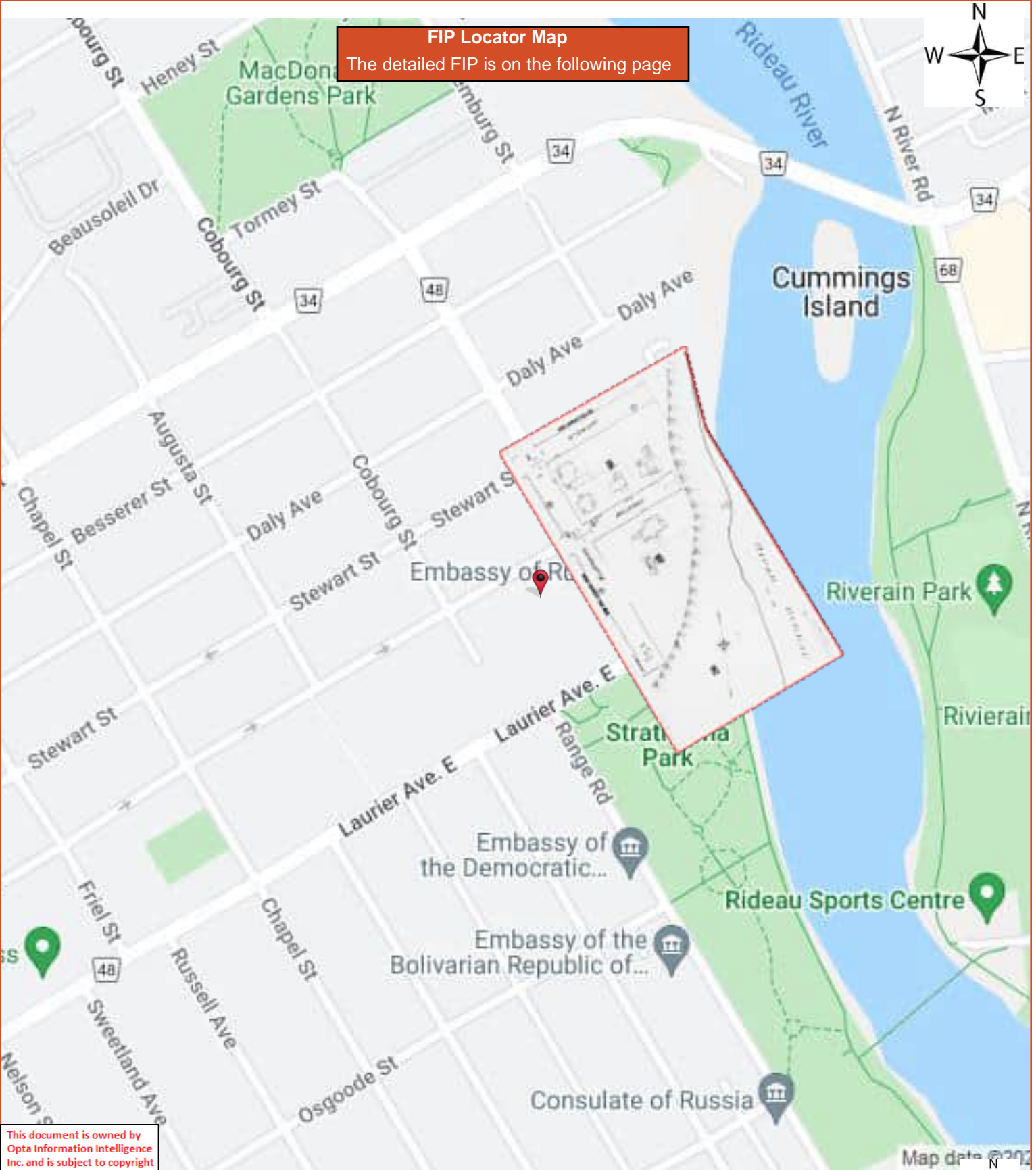
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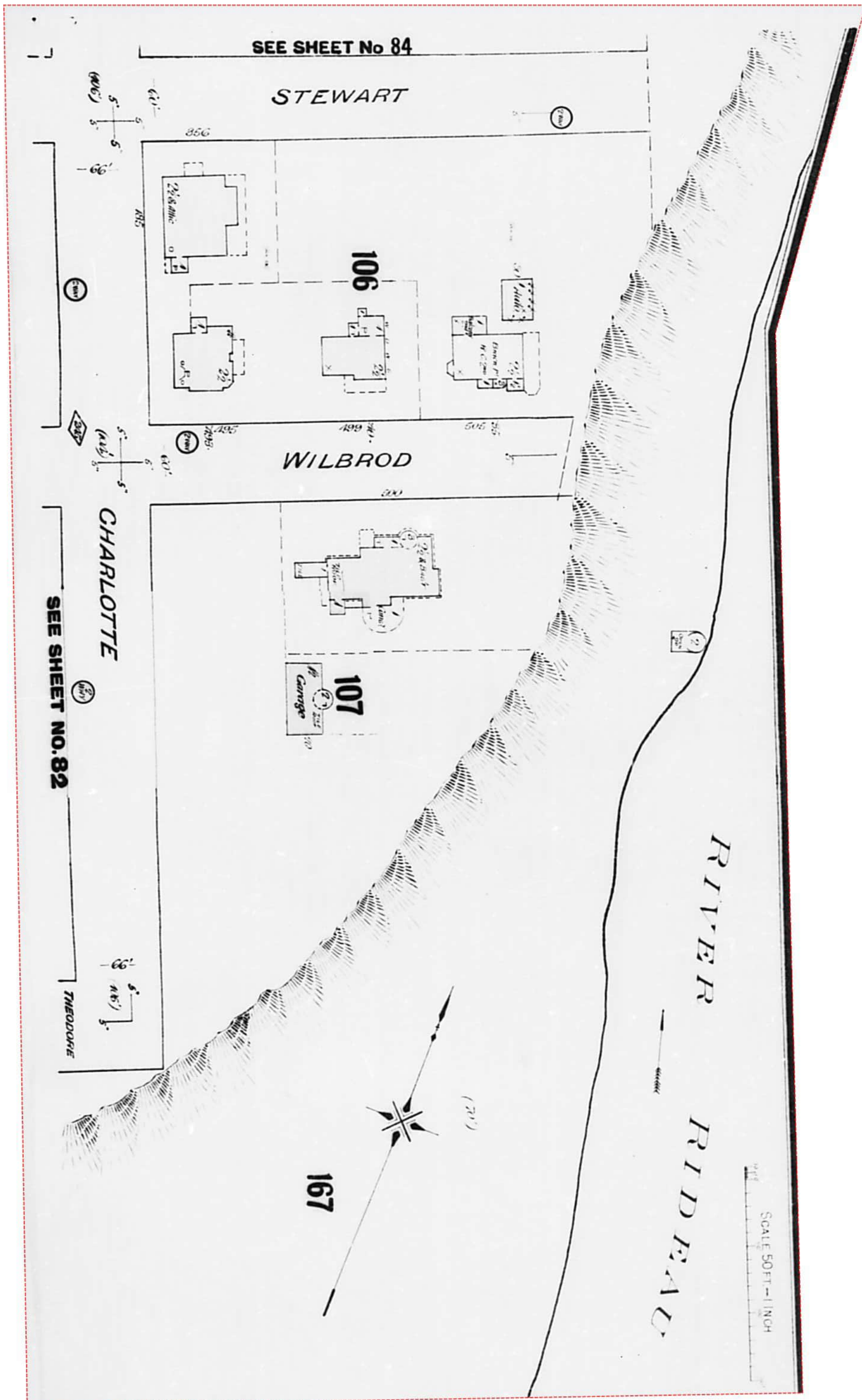


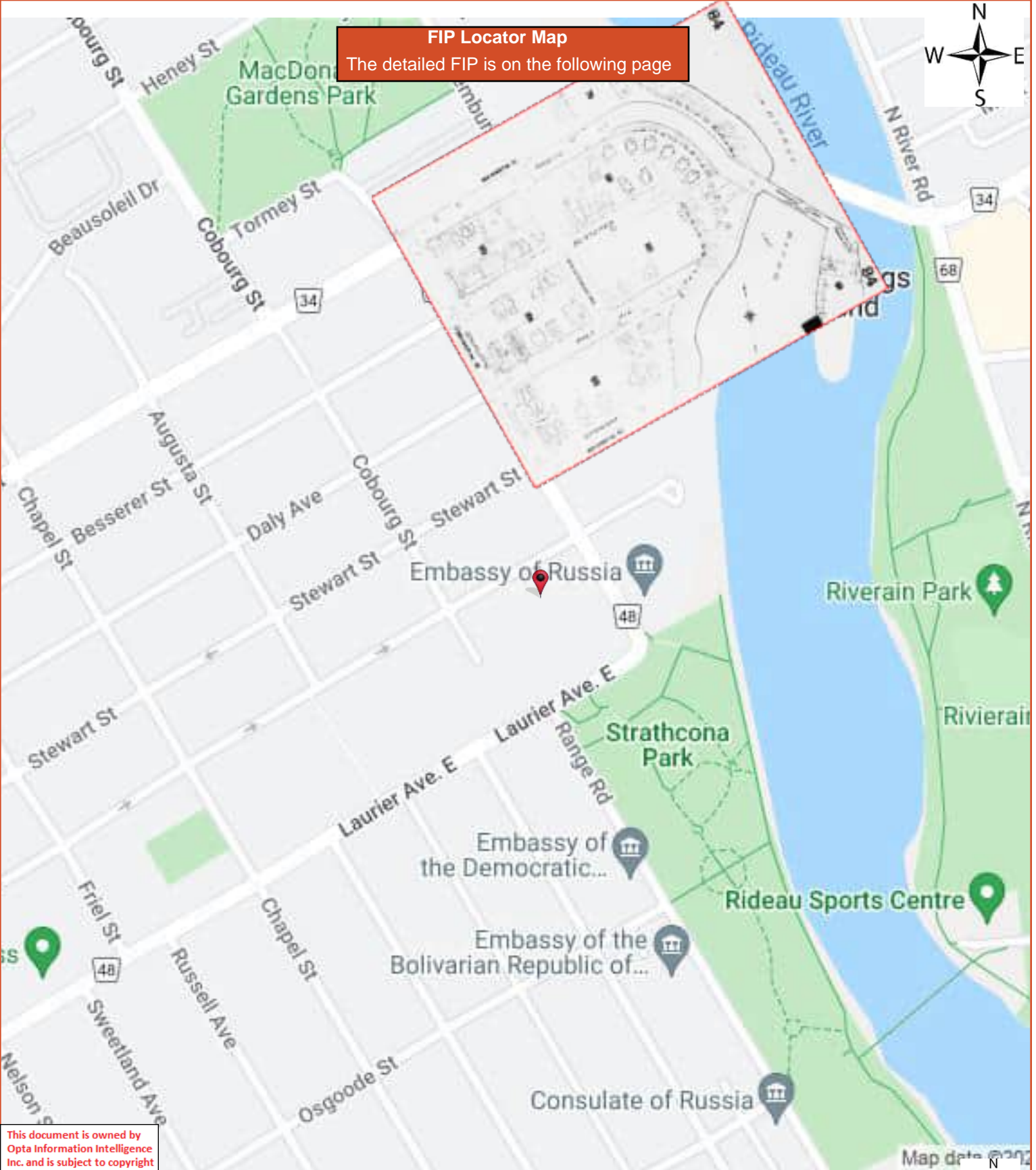
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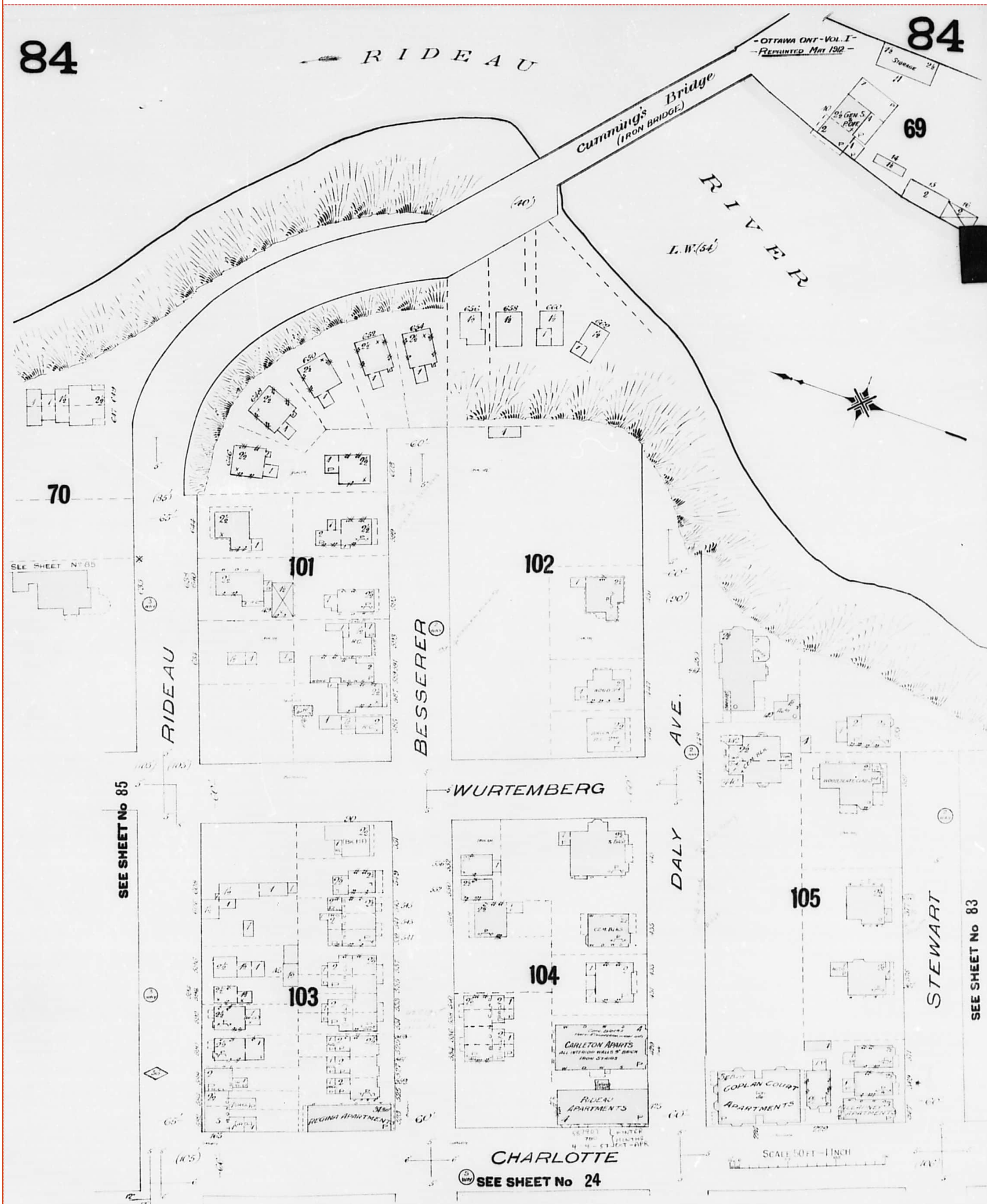




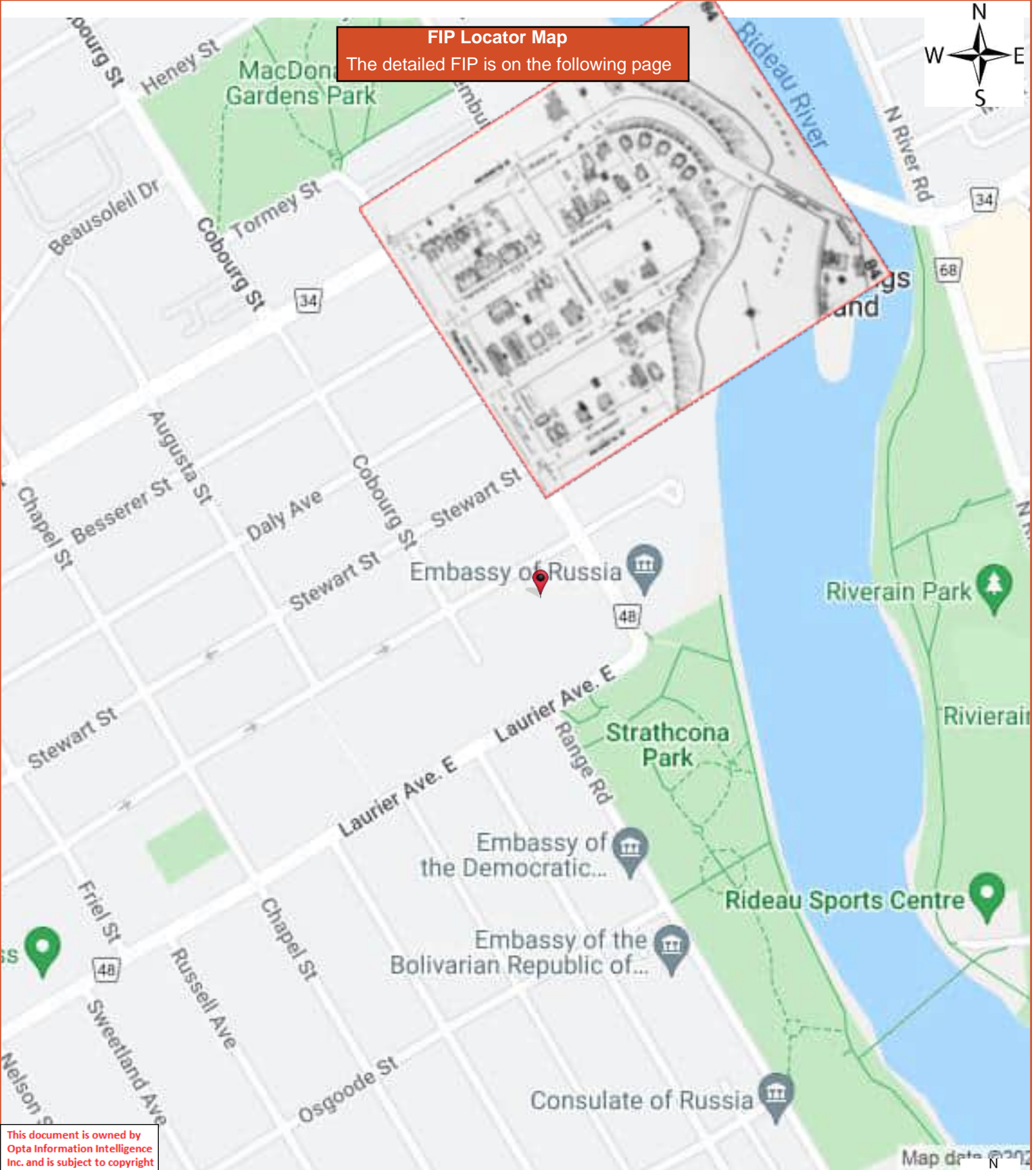
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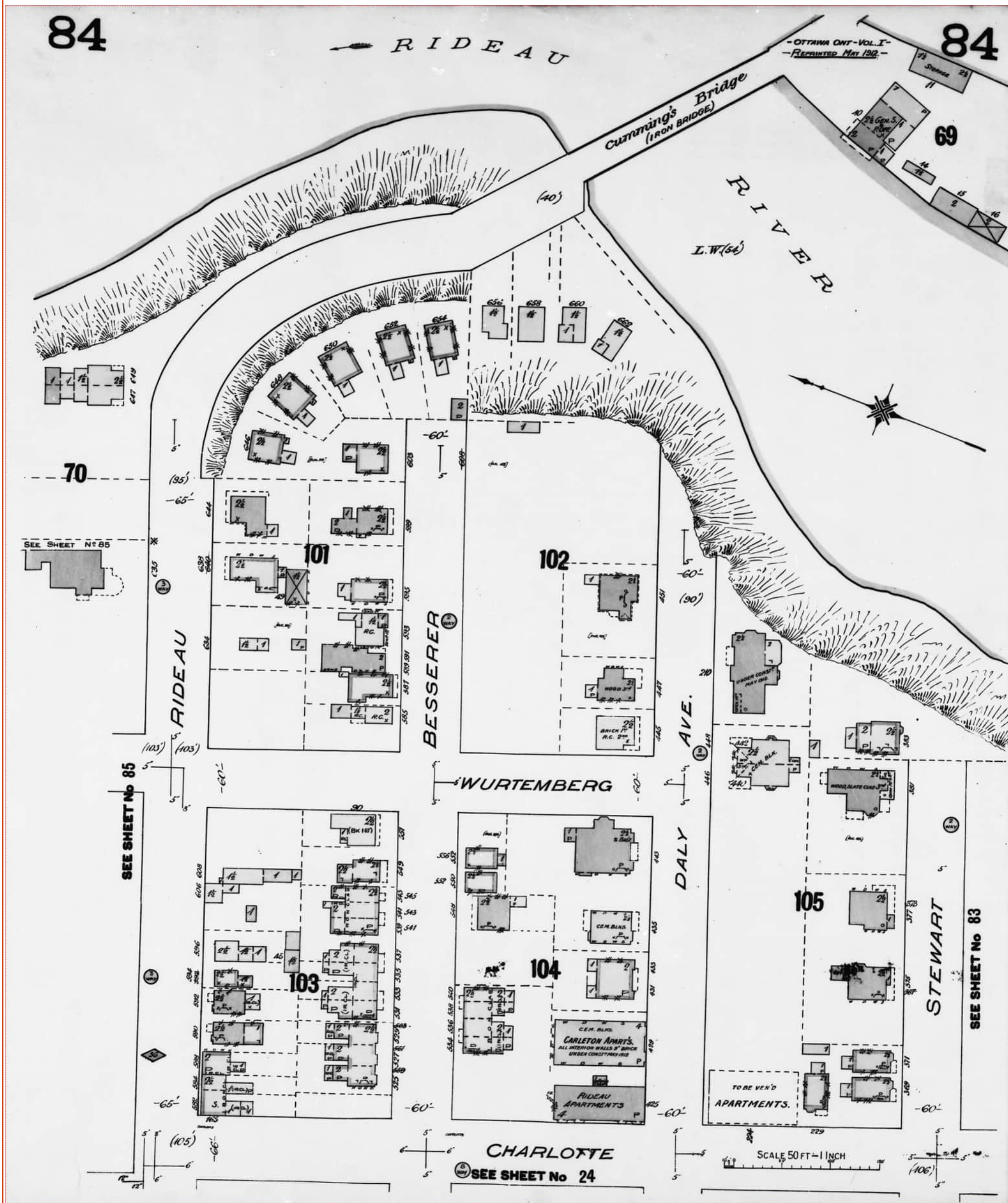




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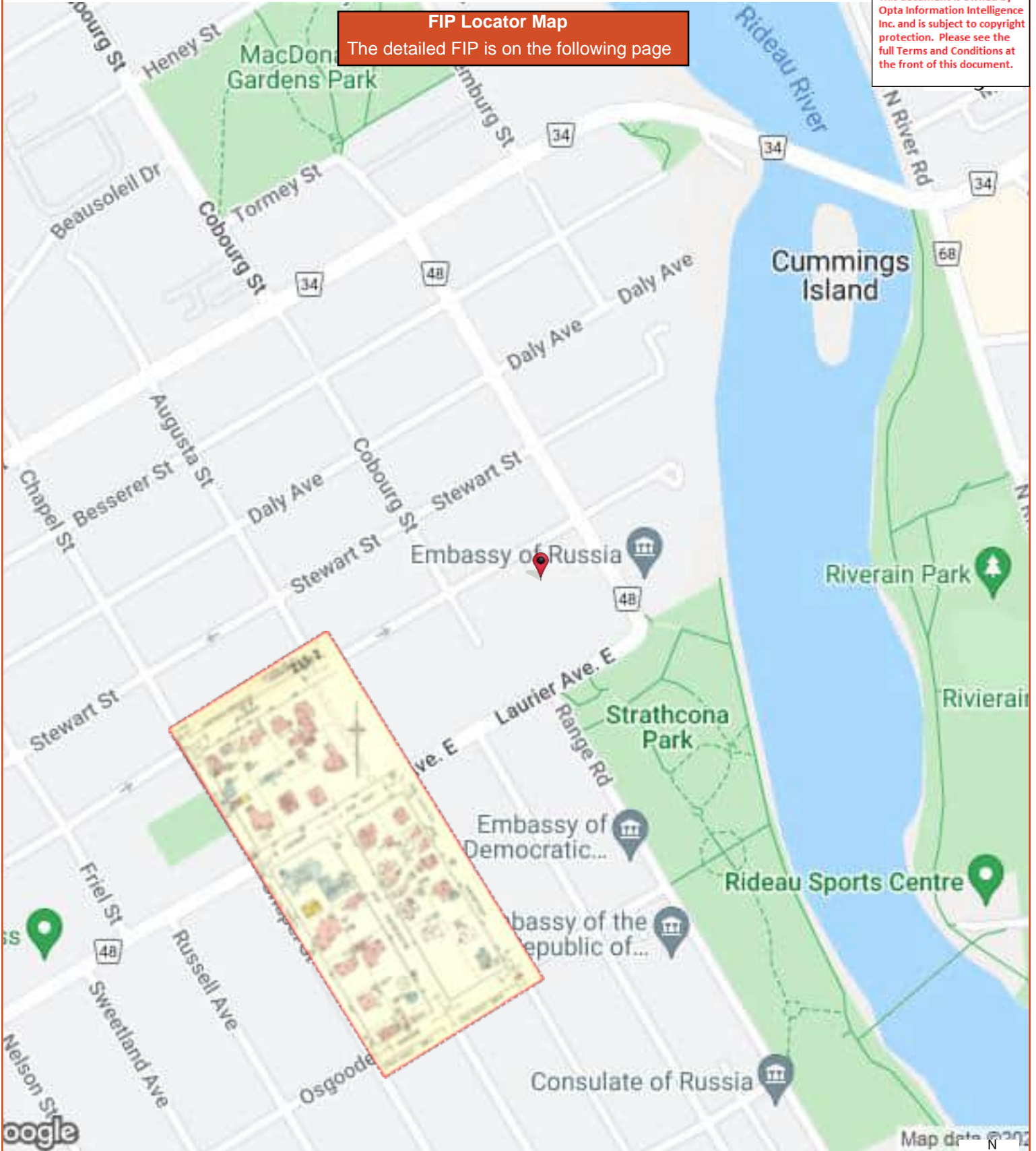






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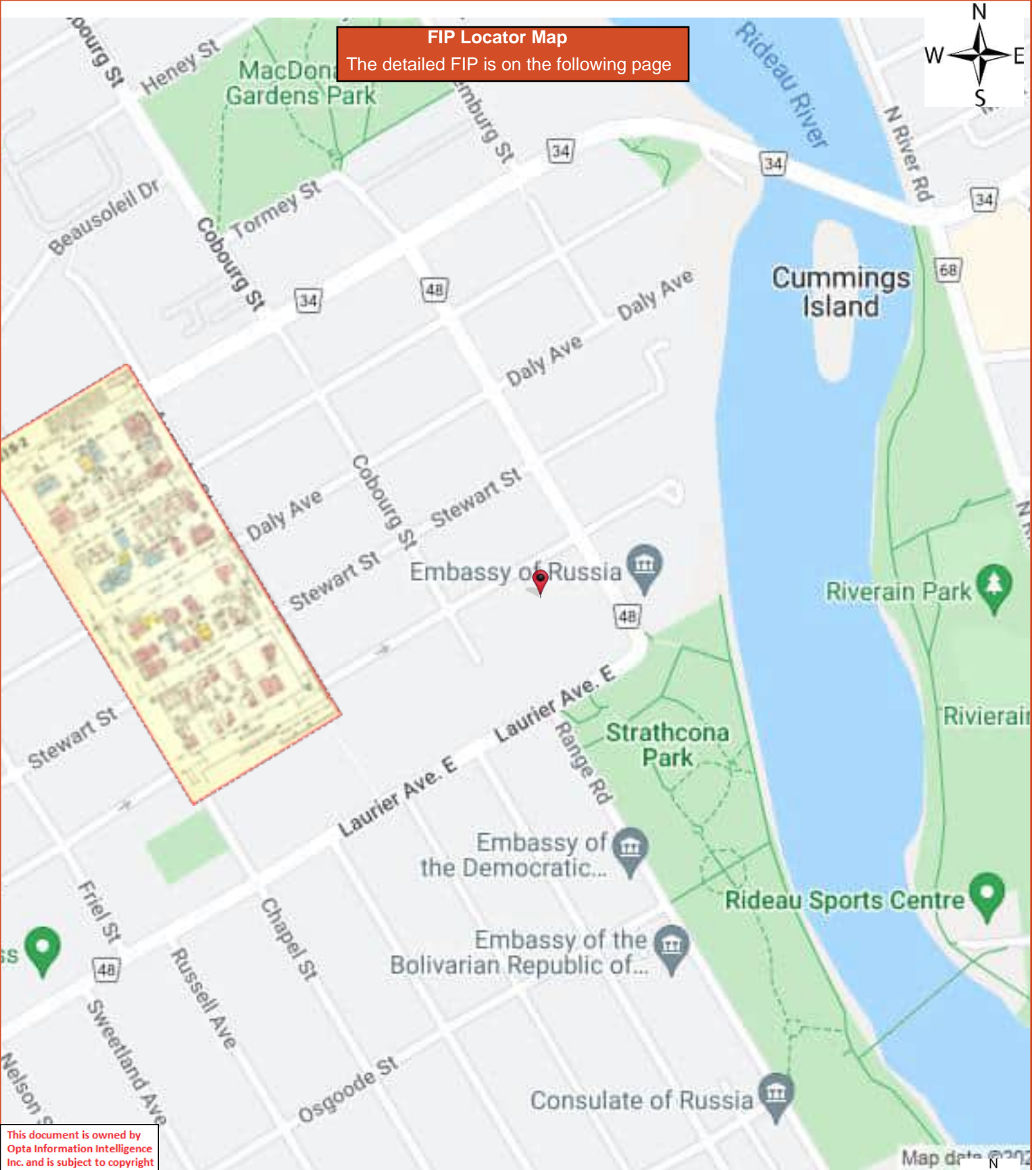
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**FIP Locator Map**  
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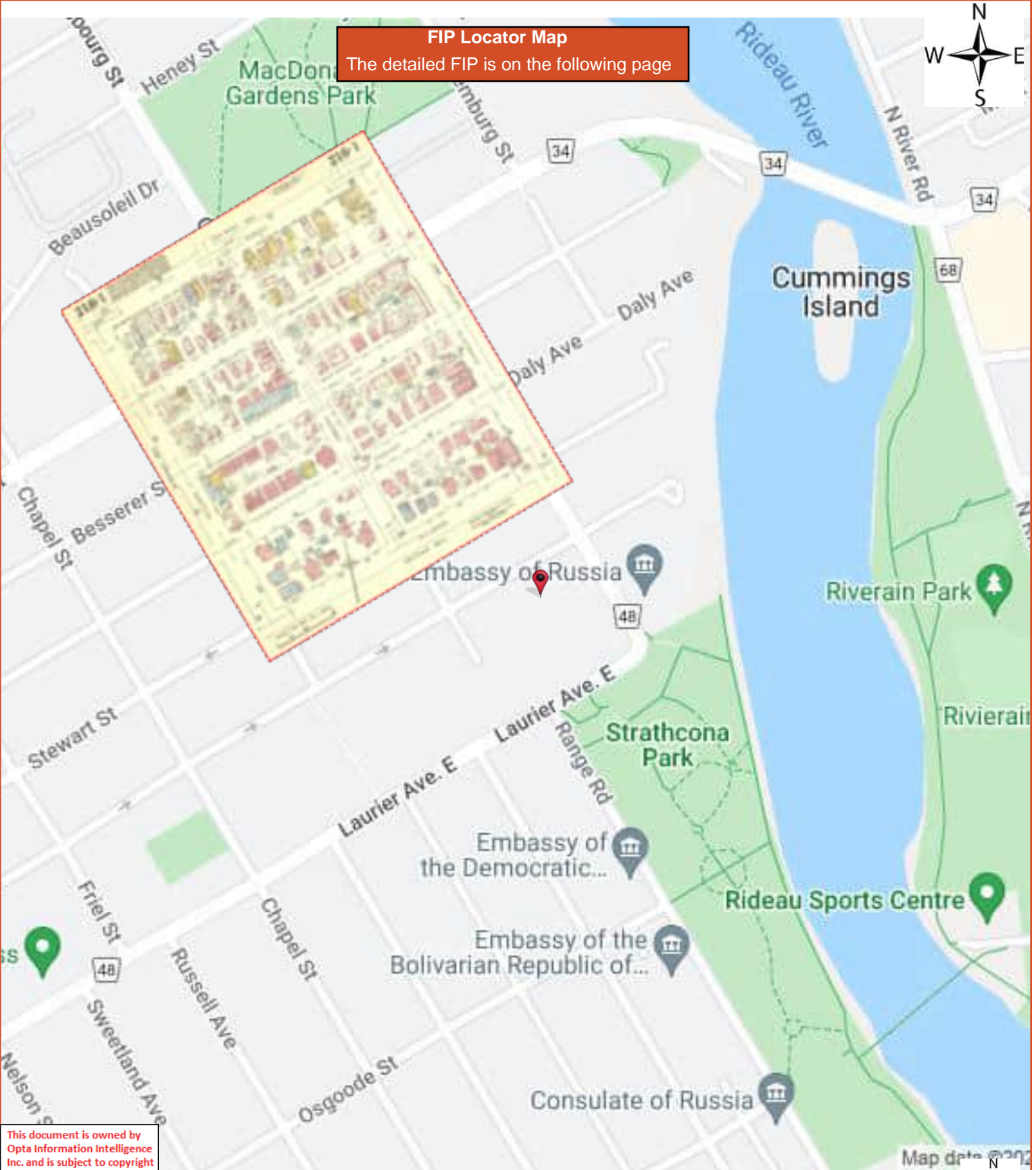
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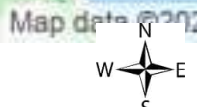




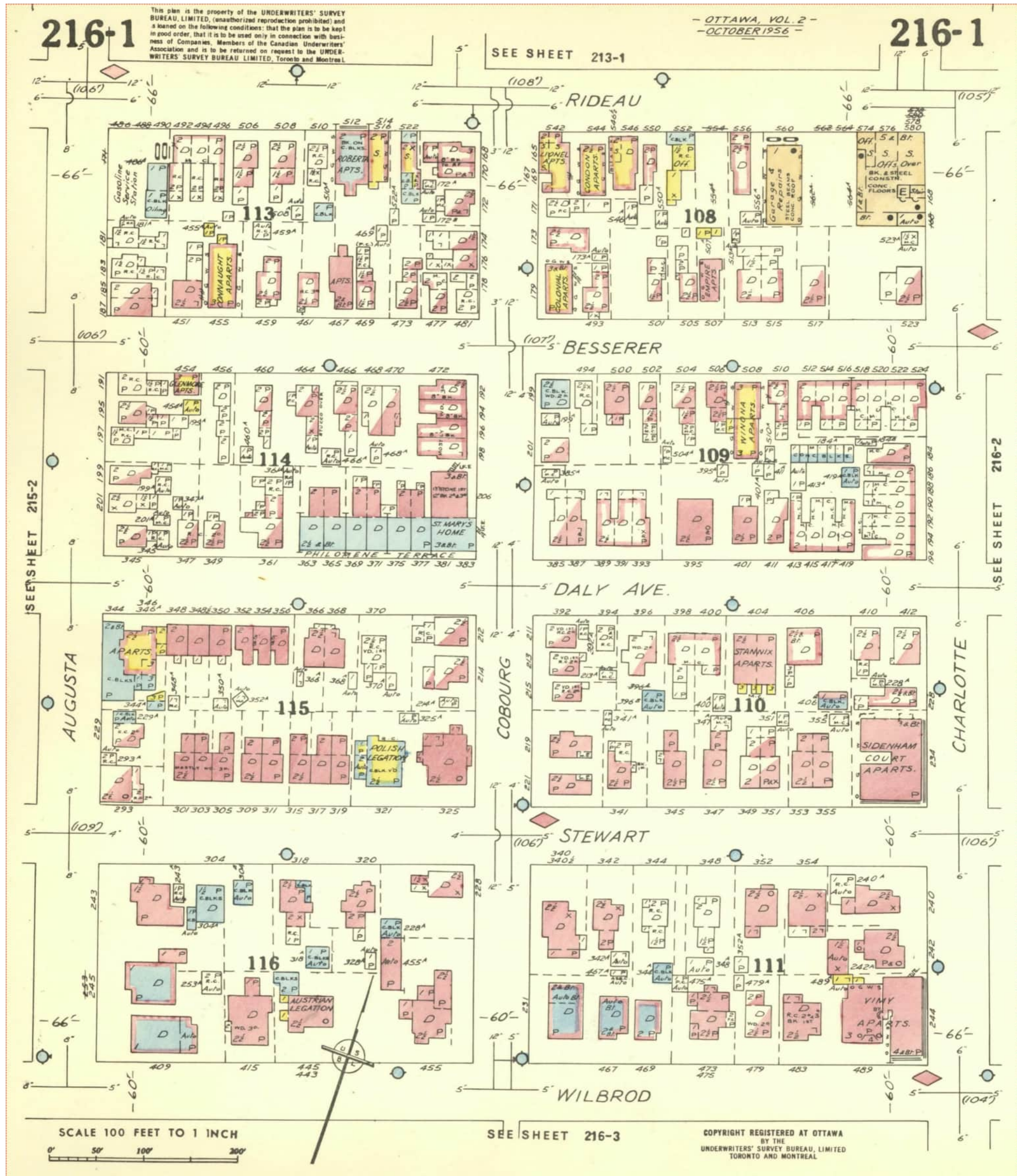




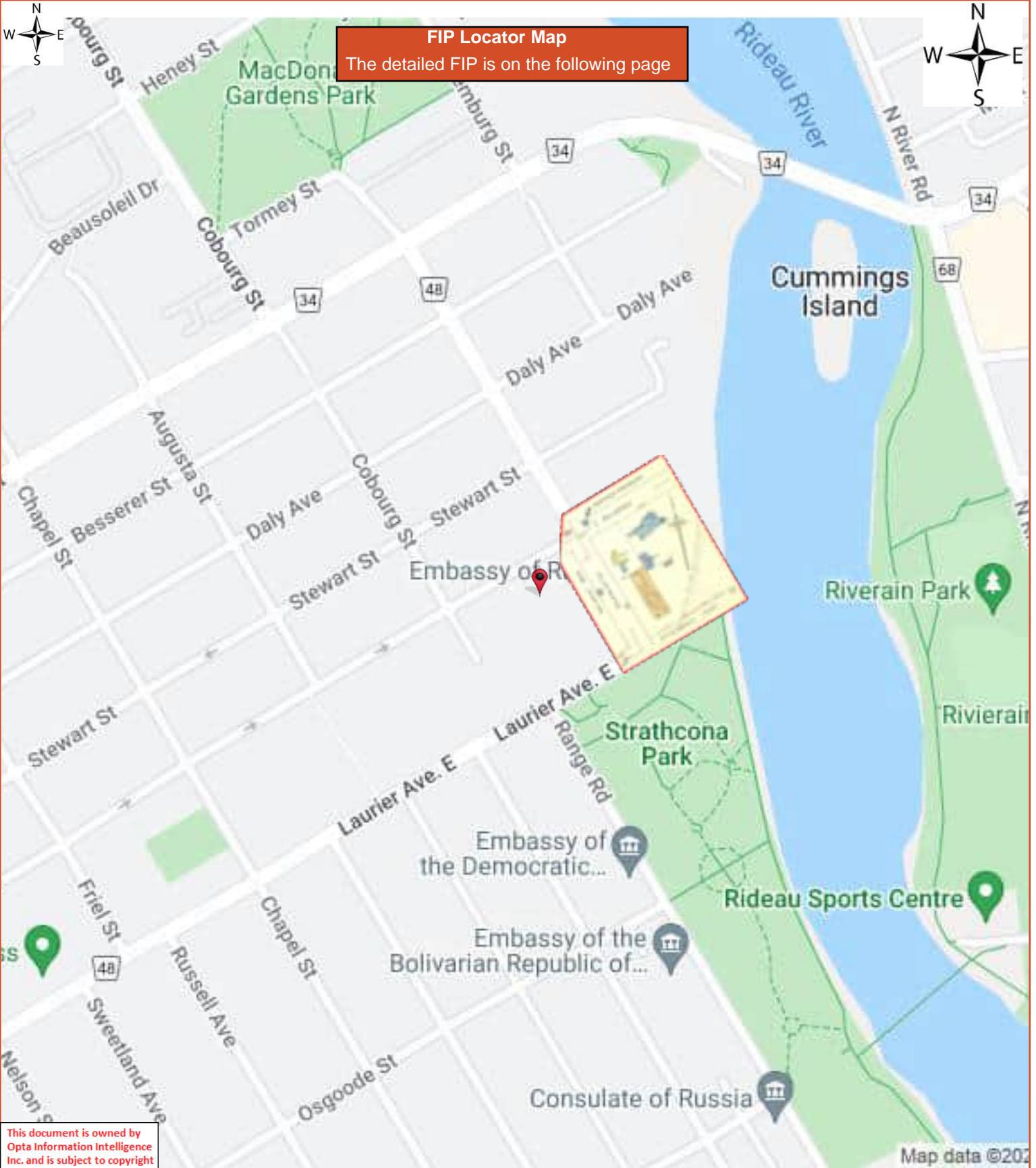
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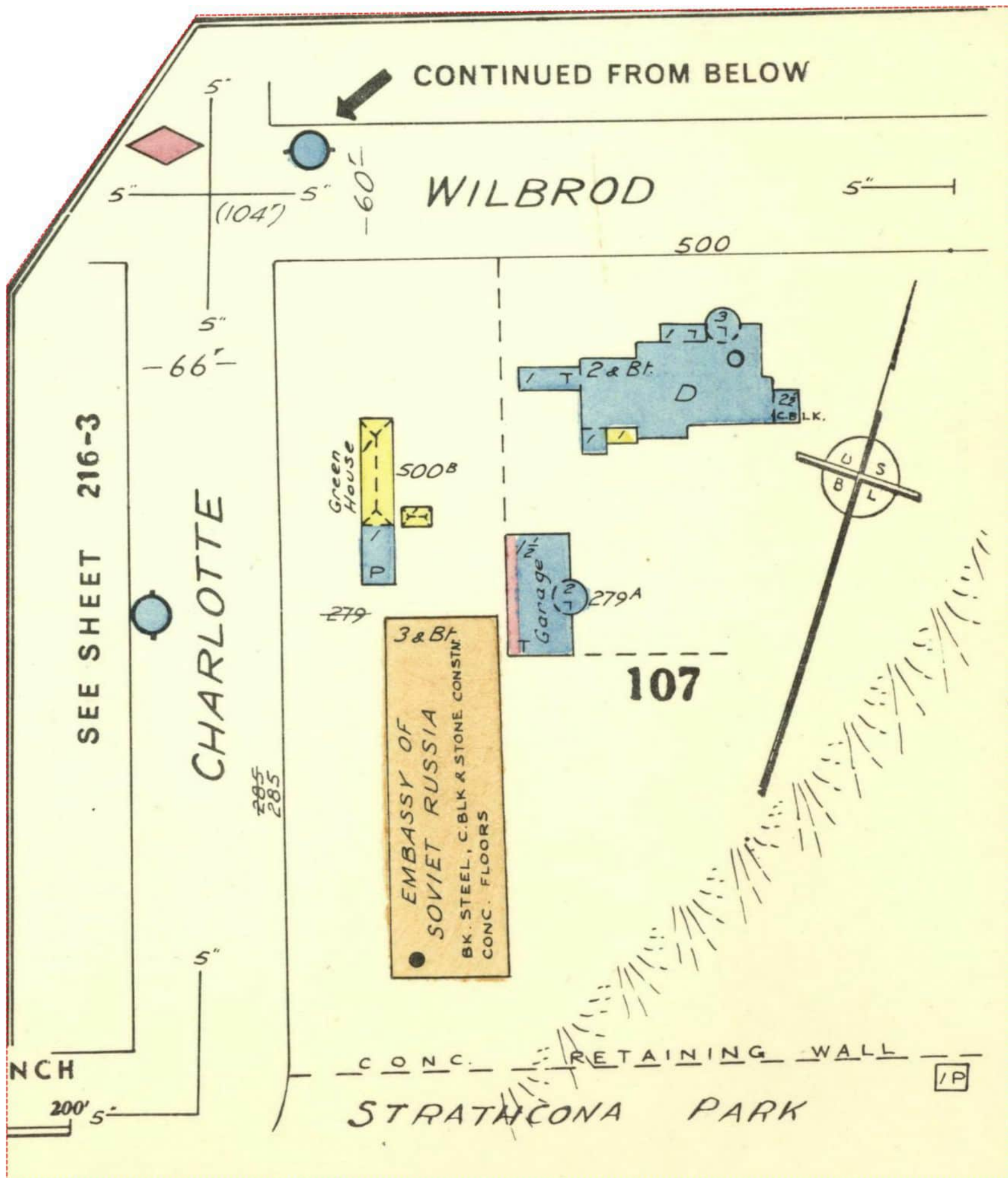


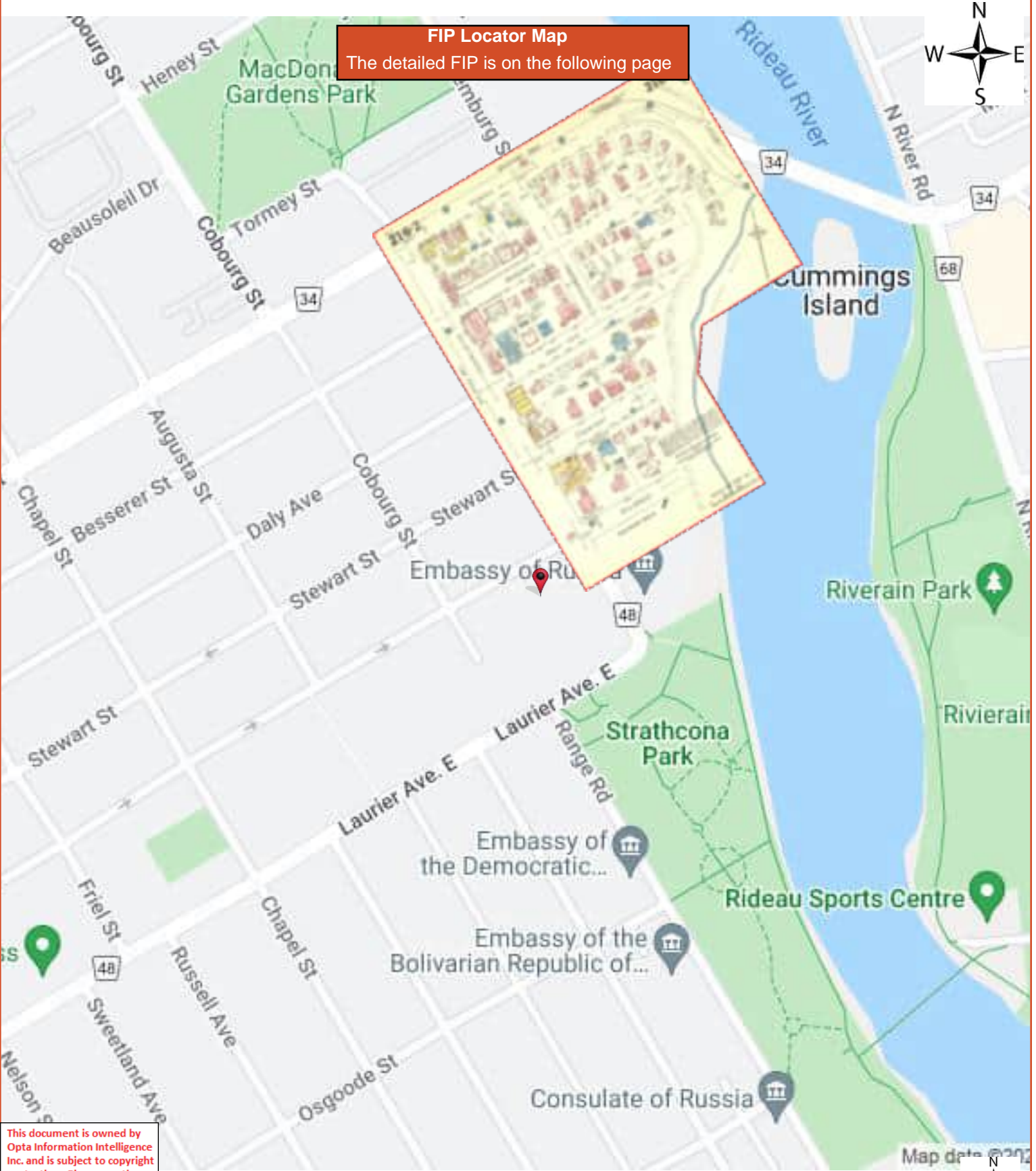




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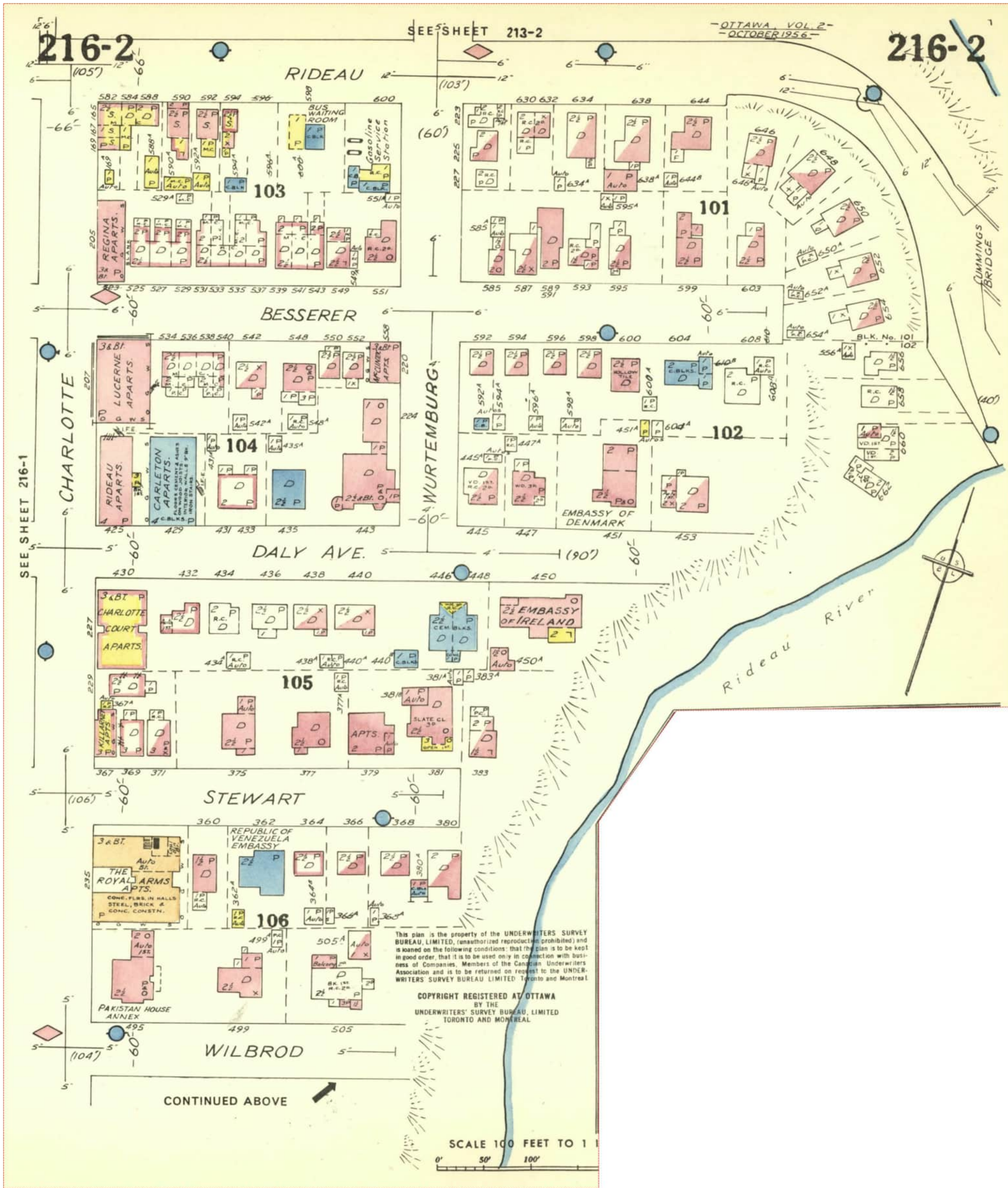


**FIP Locator Map**  
The detailed FIP is on the following page

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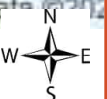
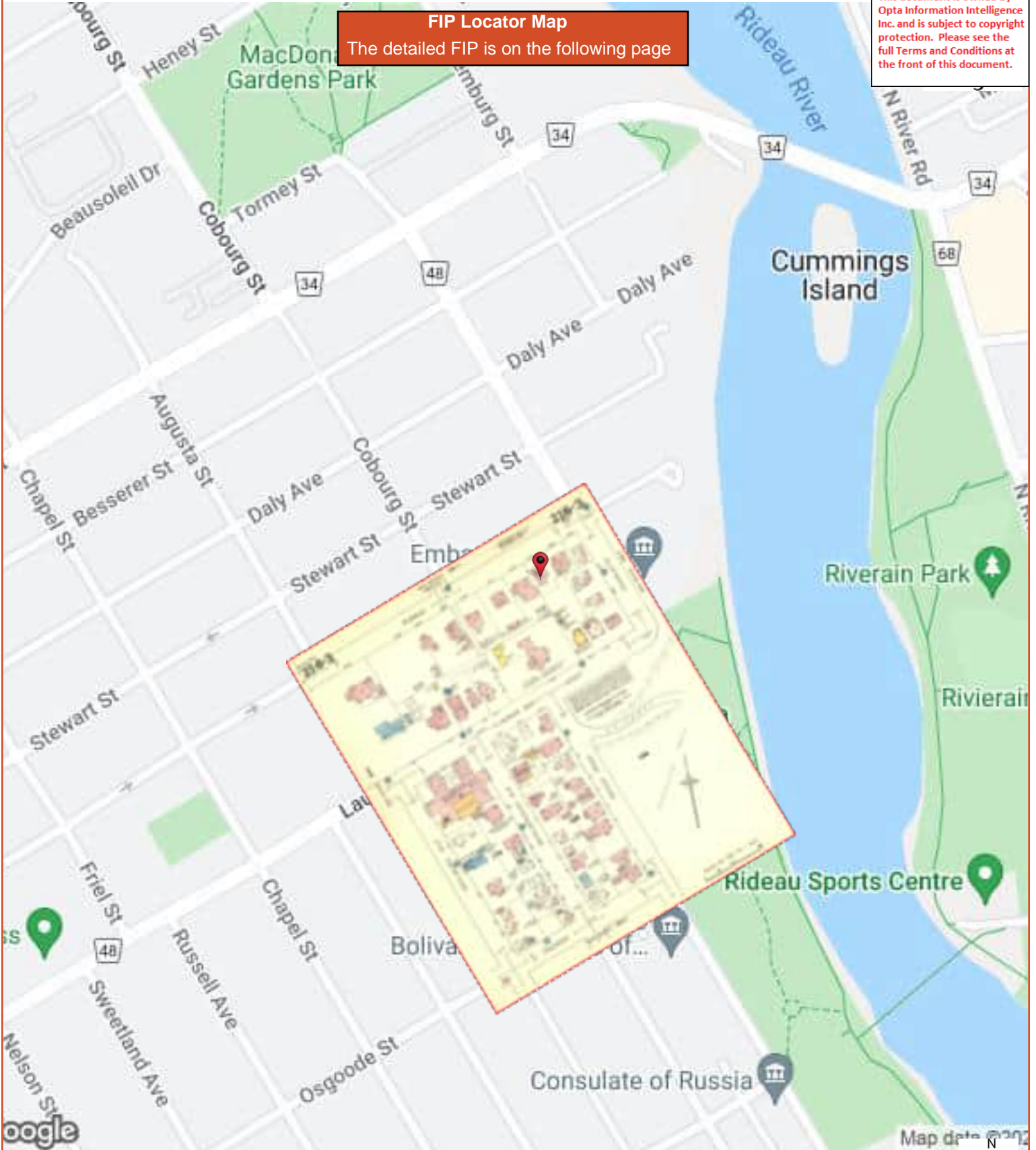




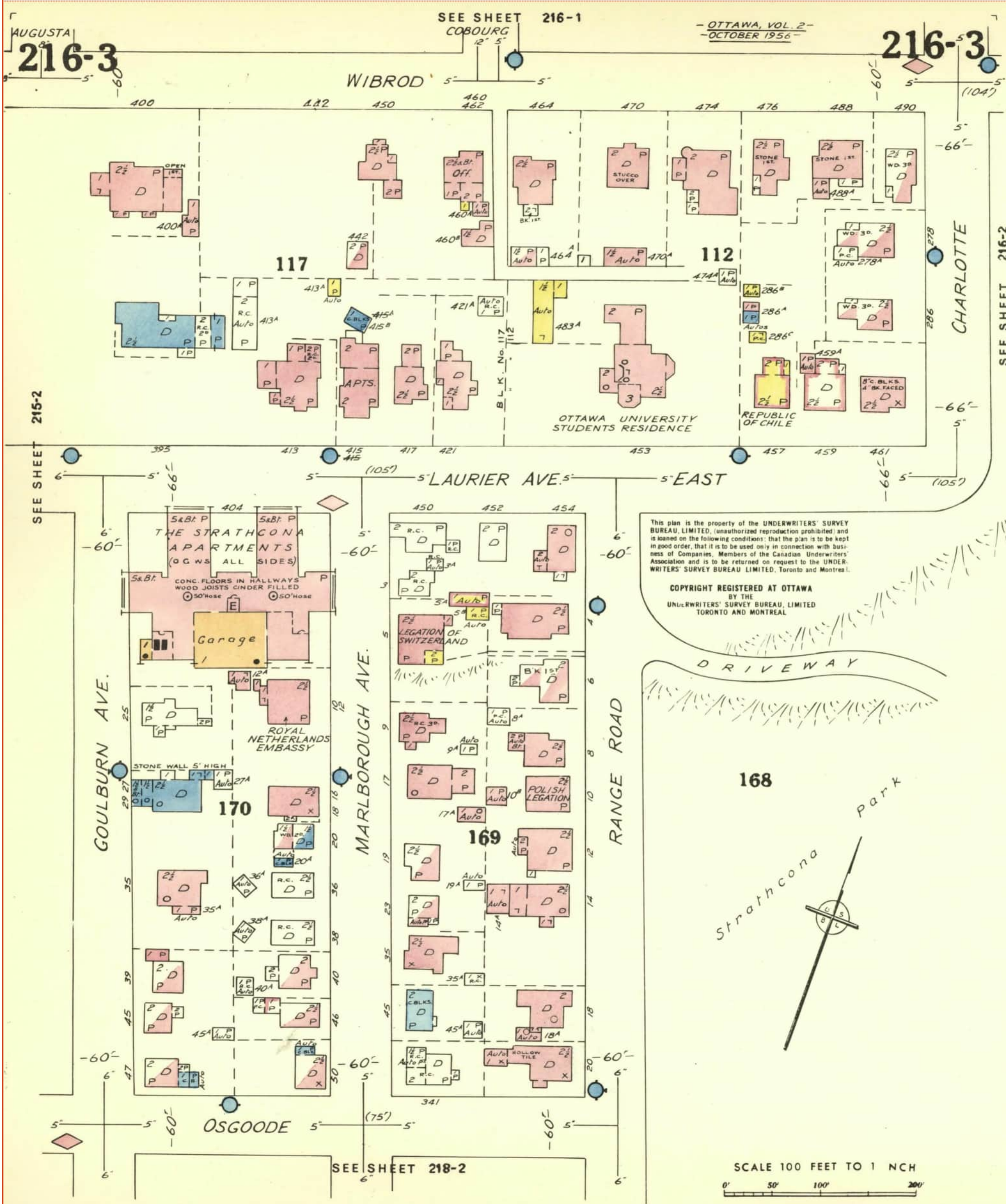


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**FIP Locator Map**  
The detailed FIP is on the following page









# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



APPENDIX B  
CITY DIRECTORY SEARCH RESULTS



**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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CITY  
**DIRECTORY**

Project Property: 476 Wilbrod Street, Ottawa, Ontario  
Report Type: City Directory  
Order No: 22032300031  
Information Source: Vernon's Ottawa & Area, Ontario, City Directory, Polk's Ottawa-  
Nepean, Ontario, Criss-Cross Directory & Might's Greater  
Ottawa, Ontario, City Directory  
Date Completed: 2022/03/29

**Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

City Directory Information Source
Vernon's Ottawa & Area, Ontario, City Directory
Polk's Ottawa-Nepean, Ontario, Criss-Cross Directory
Might's Greater Ottawa, Ontario, City Directory

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 2011	
Site Listing:	-Single-Tenant Residential (2)
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Embassy of the Republic of Guinea
490 Wilbrod Street	-Address Not Listed
244 Charlotte Street	-Multi-Tenant Residential



275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Embassy of The Russian Federation -Single-Tenant Residential
453 Laurier Avenue (East)	-Le Cordonblue Ottawa Culinary Arts Institute -Signatures by Le Cordon Bleu Paris Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 2006/2007	
Site Listing:	-Single-Tenant Residential (2)
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Embassy of the Republic of Guinea

490 Wilbrod Street	-Address Not Listed
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Embassy of The Russian Federation -Single-Tenant Residential
453 Laurier Avenue (East)	-Le Cordonblue Ottawa Culinary Arts Institute -Signatures by Le Cordon Bleu Paris Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 2000	
Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential



479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Embassy of the Republic of Guinea
490 Wilbrod Street	-Address Not Listed
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Single-Tenant Residential
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1996	
Site Listing:	-Sisters of Saint Joseph Residence
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed

474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Embassy of the Republic of Guinea
490 Wilbrod Street	-Address Not Listed
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Embassy of the Russian Federation -Embassy of the Union of Soviet Socialist Republics Embassy -Single-Tenant Residential
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1990	
Site Listing:	-Sisters of Saint Joseph



Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Embassy of the Republic of Guinea
490 Wilbrod Street	-Boarding House
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics Embassy
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1986	

Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Multi-Tenant Residential
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics Embassy
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario



Year: 1980	
Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-No Return
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics Embassy
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1975	
Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-No Return
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential (2)
490 Wilbrod Street	-Single-Tenant Residential (2)
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics Embassy

453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa
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PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1970	
Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-Single-Tenant Residential
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Single-Tenant Residential



285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1965	
Site Listing:	-Sisters of Saint Joseph
Adjacent Properties:	
468 Wilbrod Street	-Single-Tenant Residential
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential

275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1960	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Single-Tenant Residential
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential

244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Embassy of the Union of Soviet Socialist Republics
453 Laurier Avenue (East)	-Le Cercle Universitaire D'Ottawa

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1955	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential (2)
483 Wilbrod Street	-Single-Tenant Residential



490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Soviet Embassy
453 Laurier Avenue (East)	-Ottawa University Residence

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1950	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential

483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Soviet Legation
453 Laurier Avenue (East)	-Ottawa University Residence

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1945	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Multi-Tenant Residential

479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Soviet Legation
453 Laurier Avenue (East)	-Kingsmill House

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1940	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed



474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Single-Tenant Residential
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Single-Tenant Residential (2)
453 Laurier Avenue (East)	-Single-Tenant Residential

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1934	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	

468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Single-Tenant Residential (2)
453 Laurier Avenue (East)	-Vacant

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1929	
Site Listing:	-Single-Tenant Residential

Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Single-Tenant Residential
453 Laurier Avenue (East)	-Single-Tenant Residential

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1924	



Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Multi-Tenant Residential
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Single-Tenant Residential
453 Laurier Avenue (East)	-Address Not Listed

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario

Year: 1919	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Address Not Listed
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Single-Tenant Residential
453 Laurier Avenue (East)	-Single-Tenant Residential

PROJECT NUMBER: 22032300031	
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Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1914	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Single-Tenant Residential
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Address Not Listed
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Address Not Listed
453 Laurier Avenue (East)	-Single-Tenant Residential



PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1909	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Vacant
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Address Not Listed
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Address Not Listed
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Address Not Listed

453 Laurier Avenue (East)	-Single-Tenant Residential
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PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1904	
Site Listing:	-Single-Tenant Residential
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Address Not Listed
490 Wilbrod Street	-Single-Tenant Residential
244 Charlotte Street	-Address Not Listed
275 Charlotte Street	-Address Not Listed

285 Charlotte Street	-Address Not Listed
453 Laurier Avenue (East)	-Single-Tenant Residential

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1900	
Site Listing:	-Address Not Listed
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Single-Tenant Residential
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Address Not Listed
490 Wilbrod Street	-Address Not Listed
244 Charlotte Street	-Address Not Listed



275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Address Not Listed
453 Laurier Avenue (East)	-Address Not Listed

PROJECT NUMBER: 22032300031	
Site Address:	476 Wilbrod Street, Ottawa, Ontario
Year: 1894/1895	
Site Listing:	-Address Not Listed
Adjacent Properties:	
468 Wilbrod Street	-Address Not Listed
474 Wilbrod Street	-Address Not Listed
479 Wilbrod Street	-Address Not Listed
483 Wilbrod Street	-Address Not Listed
490 Wilbrod Street	-Address Not Listed

244 Charlotte Street	-Address Not Listed
275 Charlotte Street	-Address Not Listed
285 Charlotte Street	-Address Not Listed
453 Laurier Avenue (East)	-Street Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as "residential" with the number of tenants. The name of the residential tenant is not listed in the above city directory.

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



APPENDIX C  
AERIAL PHOTOGRAPHS





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# HISTORICAL AERIALS

**Project Property:** 476 Wilbrod Street Phase I Environmental Site Assessment  
476 Wilbrod Street  
Ottawa ON K1N 6M8

**Project No:** CCO-22-3130-03

**Requested By:** McIntosh Perry Limited

**Order No:** 22032300031

**Date Completed:** March 24, 2022

<b>Decade</b>	<b>Year</b>	<b>Image Scale</b>	<b>Source</b>
1920	1928	10000	City of Ottawa
1930	1938	10000	NAPL
1940	1945	15000	NAPL

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0 0.125 0.25 0.5  
Kilometers

Order Number: 22032300031

Year: 1928  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:







0 0.125 0.25 0.5  
Kilometers

Order Number: 22032300031

Year: 1938  
Source: NAPL  
Map Scale: 1: 10000  
Comments:







0 0.125 0.25 0.5  
Kilometers

Order Number: 22032300031

Year: 1945  
Source: NAPL  
Map Scale: 1: 10000  
Comments: Best Copy Available



# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



APPENDIX D  
ERIS REPORT





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# DATABASE REPORT

**Project Property:** *476 Wilbrod Street Phase I Environmental  
Site Assessment  
476 Wilbrod Street  
Ottawa ON K1N 6M8*

**Project No:** *CCO-22-3130-03*

**Report Type:** *Standard Report*

**Order No:** *22032300031*

**Requested by:** *McIntosh Perry Limited*

**Date Completed:** *March 28, 2022*

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# Executive Summary

## Property Information:

**Project Property:** 476 Wilbrod Street Phase I Environmental Site Assessment  
476 Wilbrod Street Ottawa ON K1N 6M8

**Project No:** CCO-22-3130-03

## **Coordinates:**

**Latitude:** 45.4297821  
**Longitude:** -75.6746533  
**UTM Northing:** 5,030,916.90  
**UTM Easting:** 447,226.04  
**UTM Zone:** 18T

**Elevation:** 236 FT  
71.88 M

## Order Information:

**Order No:** 22032300031  
**Date Requested:** March 23, 2022  
**Requested by:** McIntosh Perry Limited  
**Report Type:** Standard Report

## Historical/Products:

**Aerial Photographs** Aerials - National Collection  
**City Directory Search** CD - Subject Site plus 10 Adjacent Properties  
**Insurance Products** Fire Insurance Maps/Inspection Reports/Site Plans



## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	5	5
CA	<i>Certificates of Approval</i>	Y	0	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	19	19
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	8	8
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	3	3
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	4	4
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	1	5	6
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	1	1
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	4	4
<b>Total:</b>			<b>1</b>	<b>56</b>	<b>57</b>

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	SPL	PETRO-CANADA	476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	-/0.0	0.00	<a href="#">22</a>



## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">2</a>	GEN	ROYAL CANADIAN GEOGRAPHIC SOCIETY	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE/19.7	0.00	<a href="#">22</a>
<a href="#">2</a>	GEN	ROYAL CANADIAN (OUT OF BUSINESS)	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE/19.7	0.00	<a href="#">22</a>
<a href="#">2</a>	GEN	ROYAL CANADIAN (OUT OF BUSINESS) 33-368	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE/19.7	0.00	<a href="#">23</a>
<a href="#">2</a>	GEN	ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS)	488 WILBROD STREET OTTAWA ON K1N 6M8	ENE/19.7	0.00	<a href="#">23</a>
<a href="#">2</a>	GEN	ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS)	488 WILBROD STREET OTTAWA ON K1N 6M8	ENE/19.7	0.00	<a href="#">23</a>
<a href="#">3</a>	PINC	ENBRIDGE GAS INC	461 LAURIER AVE E.,OTTAWA,ON,K1N 8L6,CA ON	ESE/63.1	-0.69	<a href="#">23</a>
<a href="#">4</a>	GEN	Regional Elevator	275 Charlotte Street Ottawa ON K1N 9L1	ENE/78.1	-0.60	<a href="#">24</a>
<a href="#">5</a>	EHS		231 Coburg Street Ottawa ON	W/81.5	0.00	<a href="#">24</a>
<a href="#">6</a>	WWIS		240 CHARLOTTE ST Ottawa ON <b>Well ID:</b> 7348021	NNW/86.9	0.00	<a href="#">24</a>
<a href="#">7</a>	WWIS		240 CHARLOTTE ST Ottawa ON <b>Well ID:</b> 7348020	NNW/88.9	0.00	<a href="#">27</a>
<a href="#">8</a>	SCT	MicroAcoustic Instruments Inc.	460 Wilbrod St Unit 2 Ottawa ON K1N 6M8	WSW/92.5	0.00	<a href="#">29</a>
<a href="#">9</a>	SPL		240 Charlotte St Ottawa ON	NNW/95.3	0.00	<a href="#">29</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">10</a>	WWIS		240 Charlotte St Ottawa ON <i>Well ID: 7348022</i>	NNW/102.9	0.00	<a href="#">30</a>
<a href="#">11</a>	CA	OTTAWA CITY	CHARLOTTE ST./LAURIER AVE. OTTAWA CITY ON	ESE/103.7	-4.34	<a href="#">32</a>
<a href="#">12</a>	BORE		ON	WNW/105.6	0.00	<a href="#">33</a>
<a href="#">13</a>	SPL	Enbridge Gas - Ottawa<UNOFFICIAL>	419 Laurier Ave - east Ottawa ON K1N 6R4	SW/115.9	-0.57	<a href="#">34</a>
<a href="#">13</a>	HINC		419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	SW/115.9	-0.57	<a href="#">34</a>
<a href="#">13</a>	HINC		419 LAURIER STREET EAST OTTAWA ON	SW/115.9	-0.57	<a href="#">35</a>
<a href="#">14</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/116.9	-0.08	<a href="#">35</a>
<a href="#">15</a>	VAR	MICHAEL RICHARD HILL	235 SOMERSET ST W,,OTTAWA,ON,K2P 0J3,CA ON	NNE/118.1	-0.08	<a href="#">35</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">36</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">36</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">36</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">36</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">36</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">37</a>
<a href="#">15</a>	EHS		235 Charlotte Street Ottawa ON K1N 8L4	NNE/118.1	-0.08	<a href="#">37</a>
<a href="#">16</a>	CA	R.M. OF OTTAWA-CARLETON	STEWART ST./CHARLOTTE ST. OTTAWA CITY ON	N/120.0	0.00	<a href="#">37</a>
<a href="#">17</a>	PINC	TC UNITED GROUP	347 STEWART ST.,OTTAWA,ON,K1N 6K7,CA ON	NW/130.7	1.03	<a href="#">37</a>
<a href="#">17</a>	SPL	Enbridge Gas Distribution Inc.	347 Stewart St Ottawa ON	NW/130.7	1.03	<a href="#">38</a>
<a href="#">18</a>	CA	OTTAWA CITY	COBOURG ST./STEWART ST. OTTAWA CITY ON	WNW/132.8	0.00	<a href="#">38</a>
<a href="#">19</a>	EHS		550 Wilbrod St Ottawa ON K1N 9M3	ENE/151.6	-5.00	<a href="#">39</a>
<a href="#">20</a>	EHS		430 Daly Ave Ottawa ON K1N6H4	NNW/152.3	1.03	<a href="#">39</a>
<a href="#">21</a>	EHS		550 Wilbrod St Ottawa ON K1N9M3	ENE/161.3	-18.04	<a href="#">39</a>
<a href="#">22</a>	EHS		406 Daly Avenue Ottawa ON K1N 6H1	NW/166.3	1.00	<a href="#">39</a>
<a href="#">23</a>	PINC		215 Cobourg Street, Ottawa ON	WNW/167.0	-0.69	<a href="#">39</a>
<a href="#">24</a>	BORE		ON	SSW/202.4	-2.19	<a href="#">40</a>
<a href="#">24</a>	CA	1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON	SSW/202.4	-2.19	<a href="#">42</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">25</a>	WWIS		25 RANGE RD OTTAWA ON <i>Well ID: 7267502</i>	ESE/202.8	-18.06	<a href="#">42</a>
<a href="#">26</a>	SPL	Enbridge Gas Distribution Inc.	417 Daly Ave Ottawa ON	NNW/206.9	1.00	<a href="#">45</a>
<a href="#">26</a>	PINC	MR FOUNDATION INC.	417 DALY AVE,,OTTAWA,ON,K1N 6H1,CA ON	NNW/206.9	1.00	<a href="#">46</a>
<a href="#">27</a>	ECA	1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	SSW/211.8	-2.03	<a href="#">46</a>
<a href="#">28</a>	HINC		400 WILBROD STREET OTTAWA ON K1N 6M8	WSW/217.8	1.00	<a href="#">47</a>
<a href="#">29</a>	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	S/219.6	-6.92	<a href="#">47</a>
<a href="#">29</a>	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	S/219.6	-6.92	<a href="#">47</a>
<a href="#">29</a>	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	S/219.6	-6.92	<a href="#">47</a>
<a href="#">29</a>	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	S/219.6	-6.92	<a href="#">48</a>
<a href="#">30</a>	GEN	EMBASSY OF BELGIUM	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	SW/220.7	0.31	<a href="#">48</a>
<a href="#">30</a>	GEN	EMBASSY OF BELGIUM 14-426	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	SW/220.7	0.31	<a href="#">48</a>
<a href="#">31</a>	EHS		425-429 DALY STREET OTTAWA ON K1N 6H3	NNW/221.1	0.31	<a href="#">48</a>
<a href="#">31</a>	EHS		425-429 Daly Avenue Ottawa ON K1N 8K8	NNW/221.1	0.31	<a href="#">49</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">32</a>	SPL	UNKNOWN	429 DALY STREET OTTAWA CITY ON K1N 6H3	N/227.1	0.31	<a href="#">49</a>
<a href="#">33</a>	EASR	RIO VISTA APARTMENTS LTD	400 STEWART ST OTTAWA ON K1N 6L2	NE/232.6	-5.00	<a href="#">49</a>
<a href="#">34</a>	BORE		ON	NE/235.1	-5.00	<a href="#">49</a>
<a href="#">35</a>	BORE		ON	S/235.1	-6.00	<a href="#">52</a>
<a href="#">36</a>	BORE		ON	NW/248.3	0.00	<a href="#">53</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	WNW	105.58	<a href="#"><u>12</u></a>
	ON	NW	248.32	<a href="#"><u>36</u></a>

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	SSW	202.36	<a href="#"><u>24</u></a>
	ON	NE	235.11	<a href="#"><u>34</u></a>
	ON	S	235.14	<a href="#"><u>35</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
R.M. OF OTTAWA-CARLETON	STEWART ST./CHARLOTTE ST. OTTAWA CITY ON	N	120.01	<a href="#"><u>16</u></a>
OTTAWA CITY	COBOURG ST./STEWART ST. OTTAWA CITY ON	WNW	132.75	<a href="#"><u>18</u></a>



<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	CHARLOTTE ST./LAURIER AVE. OTTAWA CITY ON	ESE	103.74	<a href="#">11</a>
1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON	SSW	202.36	<a href="#">24</a>

### **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011- Feb 28, 2022 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RIO VISTA APARTMENTS LTD	400 STEWART ST OTTAWA ON K1N 6L2	NE	232.59	<a href="#">33</a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Feb 28, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	SSW	211.80	<a href="#">27</a>

### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 19 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	231 Coburg Street Ottawa ON	W	81.53	<a href="#">5</a>
	430 Daly Ave Ottawa ON K1N6H4	NNW	152.27	<a href="#">20</a>
	406 Daly Avenue Ottawa ON K1N 6H1	NW	166.32	<a href="#">22</a>

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	425-429 DALY STREET OTTAWA ON K1N 6H3	NNW	221.15	<a href="#"><u>31</u></a>
	425-429 Daly Avenue Ottawa ON K1N 8K8	NNW	221.15	<a href="#"><u>31</u></a>
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	116.91	<a href="#"><u>14</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	235 Charlotte Street Ottawa ON K1N 8L4	NNE	118.09	<a href="#"><u>15</u></a>
	550 Wilbrod St Ottawa ON K1N 9M3	ENE	151.64	<a href="#"><u>19</u></a>

550 Wilbrod St Ottawa ON K1N9M3	ENE	161.35	<a href="#">21</a>
17 Marlborough Avenue Ottawa ON K1N 8E6	S	219.58	<a href="#">29</a>
17 Marlborough Avenue Ottawa ON K1N 8E6	S	219.58	<a href="#">29</a>
17 Marlborough Avenue Ottawa ON K1N 8E6	S	219.58	<a href="#">29</a>
17 Marlborough Avenue Ottawa ON K1N 8E6	S	219.58	<a href="#">29</a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS)	488 WILBROD STREET OTTAWA ON K1N 6M8	ENE	19.74	<a href="#">2</a>
ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS)	488 WILBROD STREET OTTAWA ON K1N 6M8	ENE	19.74	<a href="#">2</a>
ROYAL CANADIAN (OUT OF BUSINESS) 33-368	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE	19.74	<a href="#">2</a>
ROYAL CANADIAN (OUT OF BUSINESS)	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE	19.74	<a href="#">2</a>
ROYAL CANADIAN GEOGRAPHIC SOCIETY	488 WILBROD ST. OTTAWA ON K1N 6M8	ENE	19.74	<a href="#">2</a>
EMBASSY OF BELGIUM 14-426	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	SW	220.66	<a href="#">30</a>



<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
EMBASSY OF BELGIUM	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	SW	220.66	<a href="#">30</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Regional Elevator	275 Charlotte Street Ottawa ON K1N 9L1	ENE	78.06	<a href="#">4</a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 3 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	400 WILBROD STREET OTTAWA ON K1N 6M8	WSW	217.77	<a href="#">28</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	SW	115.94	<a href="#">13</a>
	419 LAURIER STREET EAST OTTAWA ON	SW	115.94	<a href="#">13</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated May 31, 2021 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
TC UNITED GROUP	347 STEWART ST.,,OTTAWA,ON,K1N 6K7,CA ON	NW	130.71	<a href="#">17</a>
MR FOUNDATION INC.	417 DALY AVE.,,OTTAWA,ON,K1N 6H1,CA ON	NNW	206.92	<a href="#">26</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (m)</b>	<b>Map Key</b>
ENBRIDGE GAS INC	461 LAURIER AVE E,,OTTAWA,ON, K1N 8L6,CA ON	ESE	63.09	<a href="#">3</a>
	215 Cobourg Street, Ottawa ON	WNW	166.97	<a href="#">23</a>

### **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MicroAcoustic Instruments Inc.	460 Wilbrod St Unit 2 Ottawa ON K1N 6M8	WSW	92.48	<a href="#">8</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PETRO-CANADA	476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	-	0.00	<a href="#">1</a>
	240 Charlotte St Ottawa ON	NNW	95.32	<a href="#">9</a>
Enbridge Gas Distribution Inc.	347 Stewart St Ottawa ON	NW	130.71	<a href="#">17</a>
Enbridge Gas Distribution Inc.	417 Daly Ave Ottawa ON	NNW	206.92	<a href="#">26</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNKNOWN	429 DALY STREET OTTAWA CITY ON K1N 6H3	N	227.11	<a href="#">32</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas - Ottawa<UNOFFICIAL>	419 Laurier Ave - east Ottawa ON K1N 6R4	SW	115.94	<a href="#">13</a>

### **VAR - Variances for Abandonment of Underground Storage Tanks**

A search of the VAR database, dated Feb 28, 2022 has found that there are 1 VAR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MICHAEL RICHARD HILL	235 SOMERSET ST W,,OTTAWA,ON, K2P 0J3,CA ON	NNE	118.09	<a href="#">15</a>

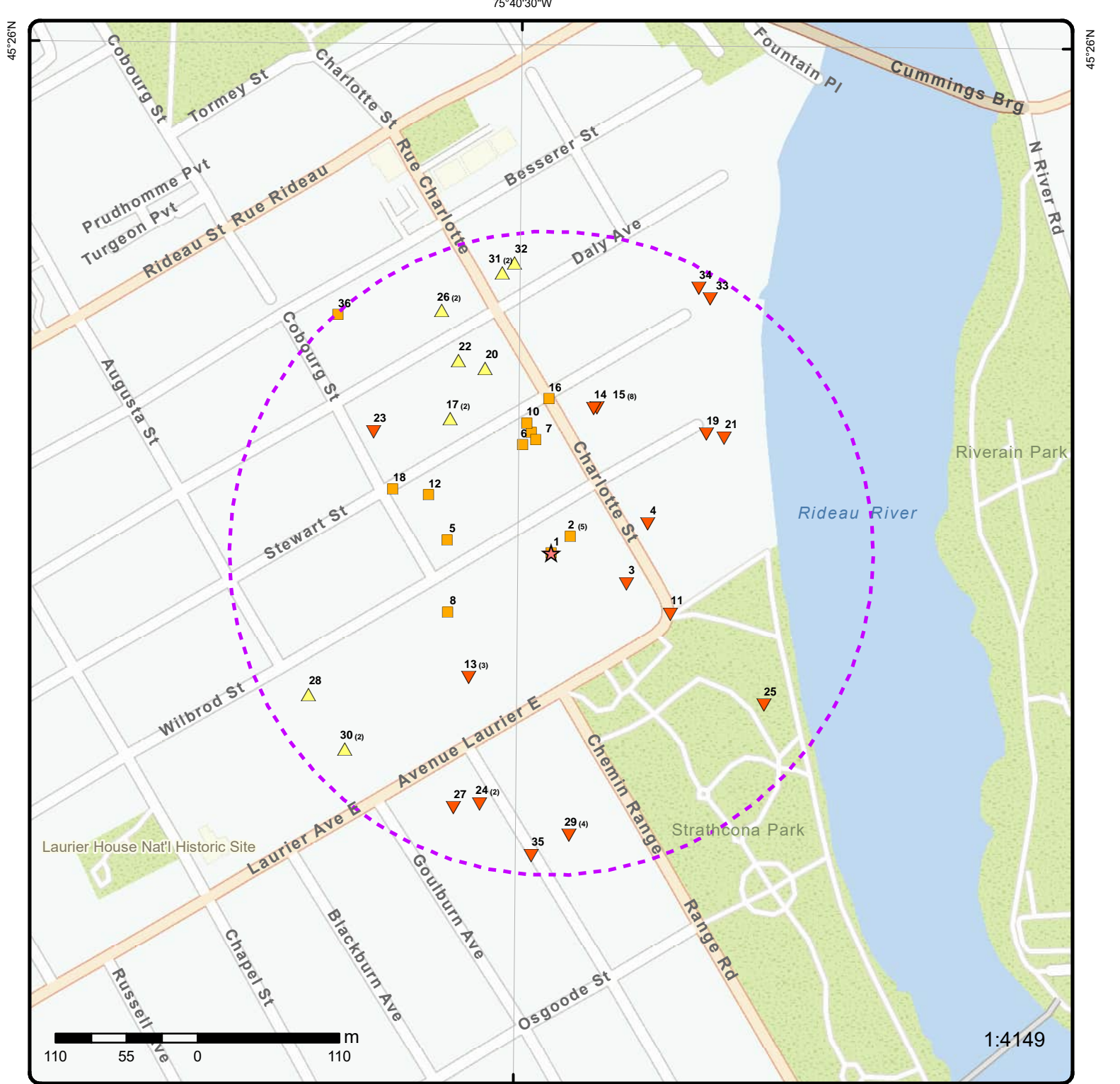
### **WWIS - Water Well Information System**

A search of the WWIS database, dated Sep 30, 2021 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	240 CHARLOTTE ST Ottawa ON  <i>Well ID: 7348021</i>	NNW	86.94	<a href="#">6</a>
	240 CHARLOTTE ST Ottawa ON  <i>Well ID: 7348020</i>	NNW	88.92	<a href="#">7</a>
	240 Charlotte St Ottawa ON  <i>Well ID: 7348022</i>	NNW	102.88	<a href="#">10</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	25 RANGE RD OTTAWA ON  <i>Well ID: 7267502</i>	ESE	202.76	<a href="#">25</a>





### Map: 0.25 Kilometer Radius

Order Number: 22032300031  
 Address: 476 Wilbrod Street, Ottawa, ON



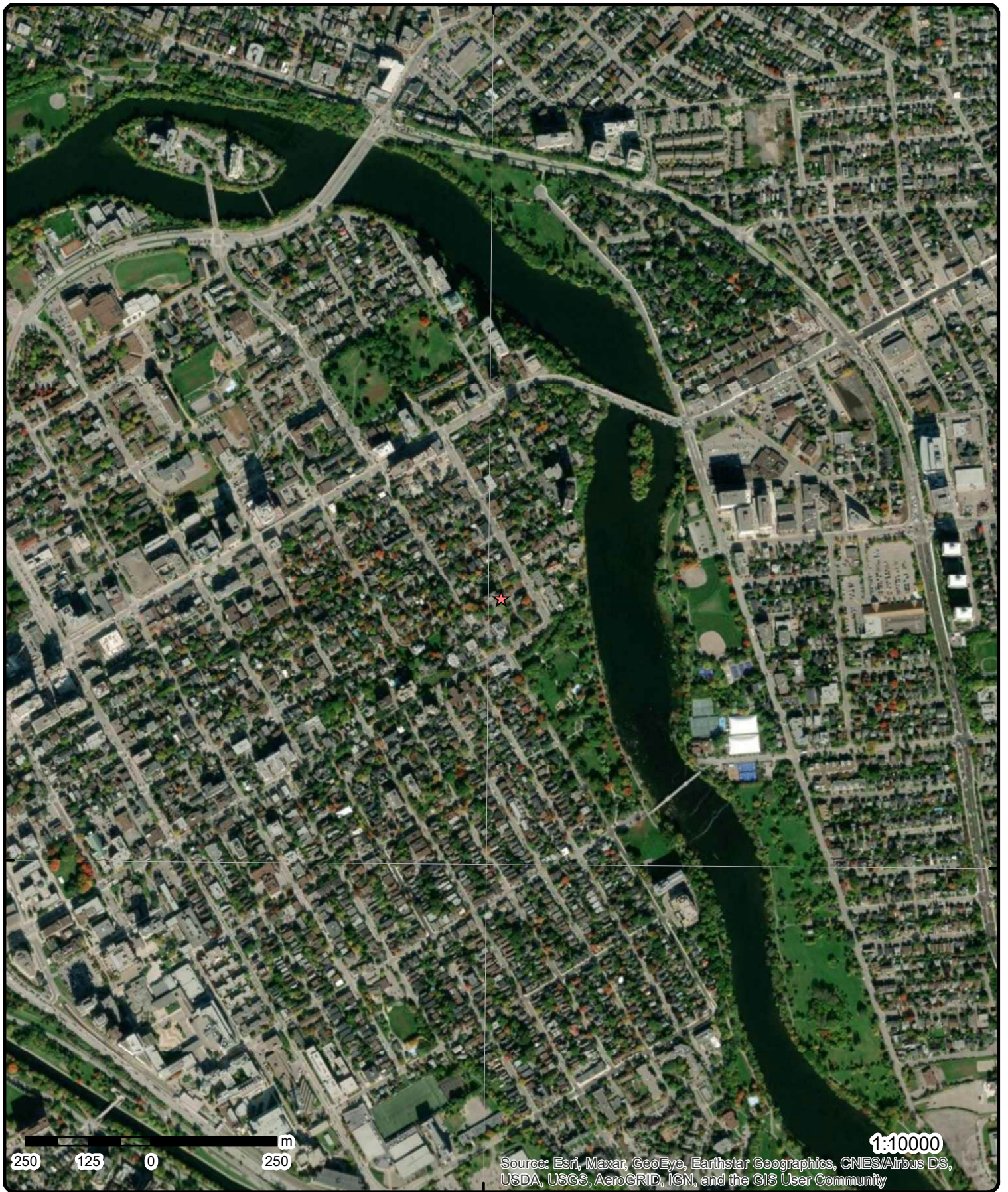
★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
⬡ Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)
▼ Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
○ Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	



75°40'30"W

45°25'30"N

45°25'30"N



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2021

Order Number: 22032300031

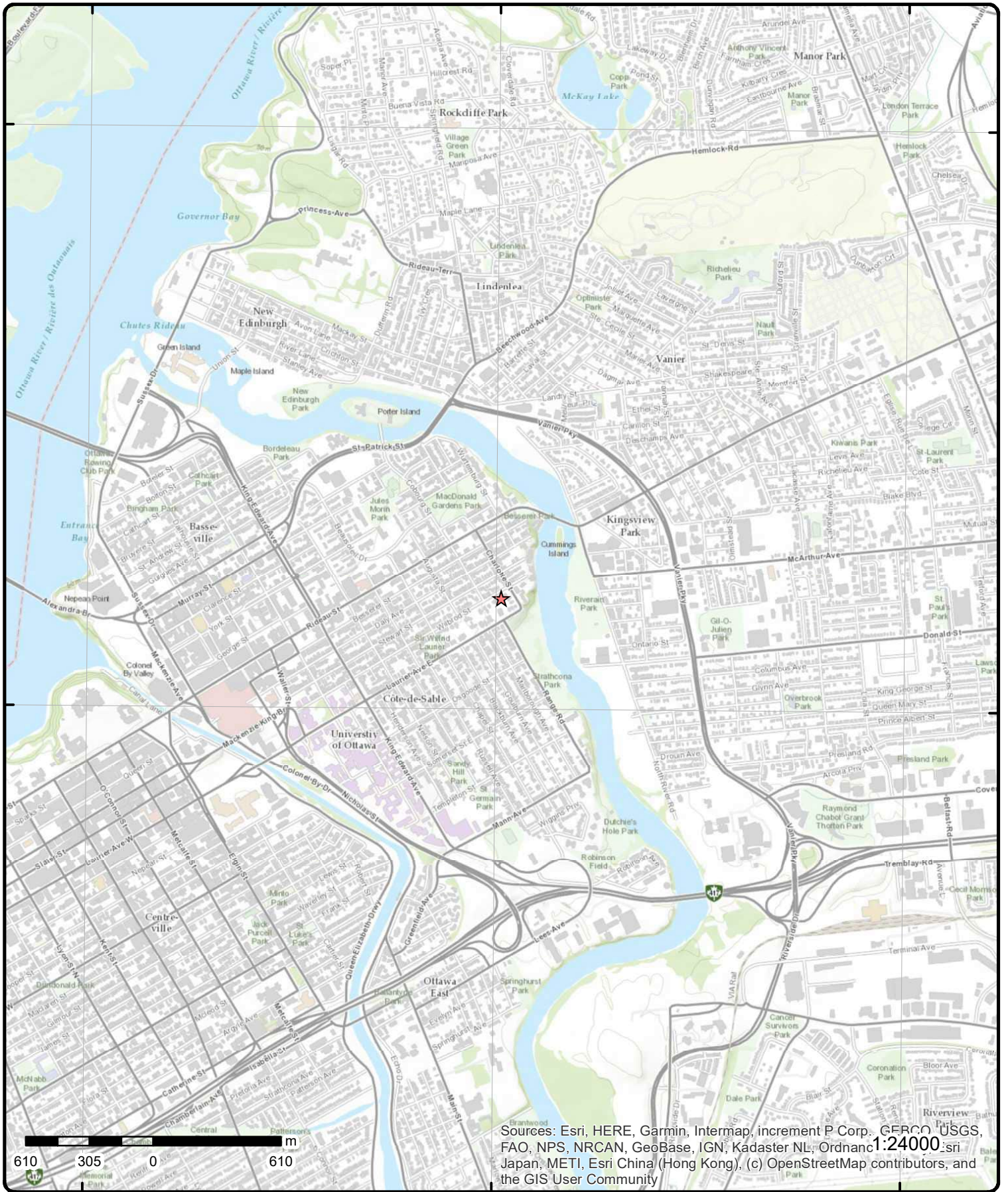
**Address: 476 Wilbrod Street, Ottawa, ON**



Source: ESRI World Imagery

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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Order Number: 22032300031

Address: 476 Wilbrod Street, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership



# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	-/0.0	71.9 / 0.00	<b>PETRO-CANADA</b> 476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	SPL
<b>Ref No:</b> 17271 <b>Site No:</b> <b>Incident Dt:</b> 4/17/1989 <b>Year:</b> <b>Incident Cause:</b> VALVE/FITTING LEAK OR FAILURE <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b>		<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b>  <b>Site Municipality:</b> 20101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>		<b>Environment Impact:</b> NOT ANTICIPATED <b>Nature of Impact:</b> <b>Receiving Medium:</b> LAND <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 4/17/1989 <b>Dt Document Closed:</b> <b>Incident Reason:</b> EQUIPMENT FAILURE <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> PETROCANADA FUEL OIL TO SIDEWALK. <b>Contaminant Qty:</b>	
<a href="#">2</a>	1 of 5	ENE/19.7	71.9 / 0.00	<b>ROYAL CANADIAN GEOGRAPHIC SOCIETY</b> 488 WILBROD ST. OTTAWA ON K1N 6M8	GEN
<b>Generator No:</b> ON0880300 <b>SIC Code:</b> 2841 <b>SIC Description:</b> NEWSPAPER, ETC. IND. <b>Approval Years:</b> 86,87,88 <b>PO Box No:</b> <b>Country:</b>		<b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 264 <b>Waste Class Desc:</b> PHOTOPROCESSING WASTES					
<a href="#">2</a>	2 of 5	ENE/19.7	71.9 / 0.00	<b>ROYAL CANADIAN (OUT OF BUSINESS)</b> 488 WILBROD ST. OTTAWA ON K1N 6M8	GEN
<b>Generator No:</b> ON0880300 <b>SIC Code:</b> 2841		<b>Status:</b> <b>Co Admin:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b> NEWSPAPER, ETC. IND. <b>Approval Years:</b> 89,90 <b>PO Box No:</b> <b>Country:</b>				<b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 PHOTOPROCESSING WASTES			
<a href="#">2</a>	3 of 5	ENE/19.7	71.9 / 0.00	ROYAL CANADIAN (OUT OF BUSINESS) 33-368 488 WILBROD ST. OTTAWA ON K1N 6M8	GEN
<b>Generator No:</b> ON0880300 <b>SIC Code:</b> 2841 <b>SIC Description:</b> NEWSPAPER, ETC. IND. <b>Approval Years:</b> 92,93,94,95,96,97,98 <b>PO Box No:</b> <b>Country:</b>				<b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>	
<a href="#">2</a>	4 of 5	ENE/19.7	71.9 / 0.00	ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS) 488 WILBROD STREET OTTAWA ON K1N 6M8	GEN
<b>Generator No:</b> ON0880300 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> 03 <b>PO Box No:</b> <b>Country:</b>				<b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>	
<a href="#">2</a>	5 of 5	ENE/19.7	71.9 / 0.00	ROYAL CANADIAN GEOGRAPHIC (OUT OF BUS) 488 WILBROD STREET OTTAWA ON K1N 6M8	GEN
<b>Generator No:</b> ON0880300 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> 04 <b>PO Box No:</b> <b>Country:</b>				<b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>	
<a href="#">3</a>	1 of 1	ESE/63.1	71.2 / -0.69	ENBRIDGE GAS INC 461 LAURIER AVE E., OTTAWA, ON, K1N 8L6, CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 2903698 <b>Incident Reported Dt:</b> 8/7/2020 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> <b>Depth:</b>				<b>Pipe Material:</b> <b>Fuel Category:</b> <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> <b>Service Interrupt:</b> <b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Customer Acct Name:</b> ENBRIDGE GAS INC <b>Incident Address:</b> 461 LAURIER AVE E., OTTAWA, ON, K1N 8L6, CA <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>					
<a href="#">4</a>	1 of 1	ENE/78.1	71.3 / -0.60	Regional Elevator 275 Charlotte Street Ottawa ON K1N 9L1	GEN
<b>Generator No:</b> ON9787591 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> As of Oct 2019 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> Registered <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 251 L <b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<a href="#">5</a>	1 of 1	W/81.5	71.9 / 0.00	231 Coburg Street Ottawa ON	EHS
<b>Order No:</b> 20170630013 <b>Status:</b> C <b>Report Type:</b> RSC Report (Urban) <b>Report Date:</b> 06-JUL-17 <b>Date Received:</b> 30-JUN-17 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> 6534 ft2 <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; Title Searches <b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .3 <b>X:</b> -75.675688 <b>Y:</b> 45.42987					
<a href="#">6</a>	1 of 1	NNW/86.9	71.9 / 0.00	240 CHARLOTTE ST Ottawa ON	WWIS
<b>Well ID:</b> 7348021 <b>Construction Date:</b> <b>Primary Water Use:</b> Monitoring and Test Hole <b>Sec. Water Use:</b> <b>Final Well Status:</b> Observation Wells <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z296649 <b>Tag:</b> A272513 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 11/26/2019 <b>Selected Flag:</b> TRUE <b>Abandonment Rec:</b> <b>Contractor:</b> 6964 <b>Form Version:</b> 7 <b>Owner:</b> <b>Street Name:</b> 240 CHARLOTTE ST <b>County:</b> OTTAWA <b>Municipality:</b> OTTAWA CITY <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2019/10/01				
Year Completed:	2019				
Depth (m):	9.144				
Latitude:	45.4305374209333				
Longitude:	-75.6749440067603				
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007724463	Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone:			
Code OB:		East83:			
Code OB Desc:		North83:			
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:			
Date Completed:	01-Oct-2019 00:00:00	UTMRC Desc:			
Remarks:		Location Method:			
Elevrc Desc:		margin of error : 30 m - 100 m			
Location Source Date:		wwr			
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008126029				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:	77				
Mat3 Desc:	LOOSE				
Formation Top Depth:	0.0				
Formation End Depth:	30.0				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008126582				
Layer:	2				
Plug From:	24.0				
Plug To:	30.0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008126581				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Layer:</i>		1			
<i>Plug From:</i>		0.0			
<i>Plug To:</i>		24.0			
<i>Plug Depth UOM:</i>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<i>Method Construction ID:</i>		1008127375			
<i>Method Construction Code:</i>		7			
<i>Method Construction:</i>		Diamond			
<i>Other Method Construction:</i>					
<b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>		1008125181			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		1008127673			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		25.0			
<i>Casing Diameter:</i>		1.25			
<i>Casing Diameter UOM:</i>		Inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Screen</u></b>					
<i>Screen ID:</i>		1008127844			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		25.0			
<i>Screen End Depth:</i>		30.0			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		1.659999966621399			
<b><u>Results of Well Yield Testing</u></b>					
<i>Pump Test ID:</i>		1008128359			
<i>Pump Set At:</i>					
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Hole Diameter</u></b>					
Hole ID:		1008126964			
Diameter:		3.0			
Depth From:		0.0			
Depth To:		30.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			

<a href="#">7</a>	1 of 1	<b>NNW/88.9</b>	<b>71.9 / 0.00</b>	<b>240 CHARLOTTE ST Ottawa ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7348020			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring and Test Hole			<b>Date Received:</b>	11/26/2019
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	TRUE
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	6964
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z296650			<b>Owner:</b>	
<b>Tag:</b>	A272514			<b>Street Name:</b>	240 CHARLOTTE ST
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348020.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348020.pdf</a>				

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	2019/10/01
<b>Year Completed:</b>	2019
<b>Depth (m):</b>	9.144
<b>Latitude:</b>	45.4305741787163
<b>Longitude:</b>	-75.6748166047388
<b>Path:</b>	734\7348020.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007724457	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447214.00
<b>Code OB Desc:</b>		<b>North83:</b>	5031005.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	01-Oct-2019 00:00:00	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1008126028			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		77			
<b>Mat3 Desc:</b>		LOOSE			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		30.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1008126580			
<b>Layer:</b>		2			
<b>Plug From:</b>		24.0			
<b>Plug To:</b>		30.0			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1008126579			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		24.0			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1008127374			
<b>Method Construction Code:</b>		7			
<b>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1008125180			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1008127672			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		25.0			
<b>Casing Diameter:</b>		1.25			
<b>Casing Diameter UOM:</b>		Inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1008127843			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		25.0			
<b>Screen End Depth:</b>		30.0			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.659999966621399			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1008128358			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1008126963			
<b>Diameter:</b>		3.0			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		30.0			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		Inch			
<b>8</b>	<b>1 of 1</b>	<b>WSW/92.5</b>	<b>71.9 / 0.00</b>	<b>MicroAcoustic Instruments Inc. 460 Wilbrod St Unit 2 Ottawa ON K1N 6M8</b>	<b>SCT</b>
<b>Established:</b>					
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b><u>--Details--</u></b>					
<b>Description:</b>		Semiconductor and Other Electronic Component Manufacturing			
<b>SIC/NAICS Code:</b>		334410			
<b>Description:</b>		Measuring, Medical and Controlling Devices Manufacturing			
<b>SIC/NAICS Code:</b>		334512			
<b>9</b>	<b>1 of 1</b>	<b>NNW/95.3</b>	<b>71.9 / 0.00</b>	<b>240 Charlotte St Ottawa ON</b>	<b>SPL</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Ref No:</b>	3637-B6WTCD			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/11/27			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Communal
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	FURNACE OIL			<b>Site Address:</b>	240 Charlotte St
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1202			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5031033.71
<b>MOE Response:</b>	No			<b>Easting:</b>	447217.58
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/11/27			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Tank - Underground
<b>Site Name:</b>	Minwaashin Lodge<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Mannion Petroleum - UST Removal - Evidence of Contaminated Soil				
<b>Contaminant Qty:</b>	0 L				

<a href="#">10</a>	1 of 1	NNW/102.9	71.9 / 0.00	240 Charlotte St Ottawa ON	WWIS
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<b>Well ID:</b>	7348022	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring and Test Hole	<b>Date Received:</b>	11/26/2019
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	TRUE
<b>Final Well Status:</b>	Observation Wells	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	6964
<b>Casing Material:</b>		<b>Form Version:</b>	7
<b>Audit No:</b>	Z296654	<b>Owner:</b>	
<b>Tag:</b>	A272512	<b>Street Name:</b>	240 Charlotte St
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

PDF URL (Map):

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	2019/10/01
<b>Year Completed:</b>	2019
<b>Depth (m):</b>	9.144
<b>Latitude:</b>	45.4306906580791
<b>Longitude:</b>	-75.6749074811336
<b>Path:</b>	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Bore Hole Information**

<b>Bore Hole ID:</b>	1007724466	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447207.00
<b>Code OB Desc:</b>		<b>North83:</b>	5031018.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	01-Oct-2019 00:00:00	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1008126030
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	06
<b>Mat2 Desc:</b>	SILT
<b>Mat3:</b>	77
<b>Mat3 Desc:</b>	LOOSE
<b>Formation Top Depth:</b>	0.0
<b>Formation End Depth:</b>	30.0
<b>Formation End Depth UOM:</b>	ft

**Annular Space/Abandonment**

**Sealing Record**

<b>Plug ID:</b>	1008126584
<b>Layer:</b>	2
<b>Plug From:</b>	24.0
<b>Plug To:</b>	30.0
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment**

**Sealing Record**

<b>Plug ID:</b>	1008126583
<b>Layer:</b>	1
<b>Plug From:</b>	0.0
<b>Plug To:</b>	24.0
<b>Plug Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Method Construction ID:</b>	1008127376
<b>Method Construction Code:</b>	7
<b>Method Construction:</b>	Diamond
<b>Other Method Construction:</b>	

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe ID: 1008125182  
Casing No: 0  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 1008127674  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From: 0.0  
Depth To: 25.0  
Casing Diameter: 1.25  
Casing Diameter UOM: Inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 1008127845  
Layer: 1  
Slot: 10  
Screen Top Depth: 25.0  
Screen End Depth: 30.0  
Screen Material: 5  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 1.659999966621399

**Results of Well Yield Testing**

Pump Test ID: 1008128360  
Pump Set At:  
Static Level:  
Final Level After Pumping:  
Recommended Pump Depth:  
Pumping Rate:  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code:  
Water State After Test:  
Pumping Test Method: 0  
Pumping Duration HR:  
Pumping Duration MIN:  
Flowing:

**Hole Diameter**

Hole ID: 1008126965  
Diameter: 3.0  
Depth From: 0.0  
Depth To: 30.0  
Hole Depth UOM: ft  
Hole Diameter UOM: Inch

<a href="#">11</a>	1 of 1	ESE/103.7	67.5 / -4.34	OTTAWA CITY CHARLOTTE ST./LAURIER AVE. OTTAWA CITY ON	CA
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Certificate #:		3-0809-93-			
Application Year:		93			
Issue Date:		7/23/1993			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<a href="#">12</a>	1 of 1	WNW/105.6	71.9 / 0.00	ON	BORE
<b>Borehole ID:</b>	613578			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215514825			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.430183
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.675877
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447131
<b>Drill Method:</b>				<b>Northing:</b>	5030962
<b>Orig Ground Elev m:</b>	69.2			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	70.5				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218395680			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	2.4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. DENSE. SAND. DENSE. UNSPECIFIED. VERY LOOSE. TILL. DENSE TO VERY DENSE. TILL. D **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218395679			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.4			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND.				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Source**

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:** M  
**Observatio:**  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Details:** File: OTTAWA2.txt RecordID: 060860 NTS\_Sheet: 31G05G  
**Confiden 1:** Logs are approximately correct. Lack of information. Doubtful terminology.

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

**Source List**

**Source Identifier:** 1  
**Source Type:** Data Survey  
**Source Date:** 1956-1972  
**Scale or Resolution:** Varies  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Originators:** Geological Survey of Canada

**Horizontal Datum:** NAD27  
**Vertical Datum:** Mean Average Sea Level  
**Projection Name:** Universal Transverse Mercator

<a href="#">13</a>	1 of 3	SW/115.9	71.3 / -0.57	Enbridge Gas - Ottawa<UNOFFICIAL> 419 Laurier Ave - east Ottawa ON K1N 6R4	SPL
<p> <b>Ref No:</b> 0727-7K6S76  <b>Site No:</b>  <b>Incident Dt:</b>  <b>Year:</b>  <b>Incident Cause:</b> Pipe Or Hose Leak  <b>Incident Event:</b>  <b>Contaminant Code:</b> 35  <b>Contaminant Name:</b> NATURAL GAS (METHANE)  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Environment Impact:</b> Not Anticipated  <b>Nature of Impact:</b> Air Pollution  <b>Receiving Medium:</b>  <b>Receiving Env:</b>  <b>MOE Response:</b> Referral to others  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 10/6/2008  <b>Dt Document Closed:</b> 12/3/2008  <b>Incident Reason:</b> Damage By Moving Equipment - Containers damaged by moving  <b>Site Name:</b> Construction Site&lt;UNOFFICIAL&gt;  <b>Site County/District:</b>  <b>Site Geo Ref Meth:</b>  <b>Incident Summary:</b> TSSA fsb: 1" line strike, media. Ottawa  <b>Contaminant Qty:</b> 0 min (duration)           </p> <p> <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Health/Env Conseq:</b>  <b>Client Type:</b>  <b>Sector Type:</b> Pipeline  <b>Agency Involved:</b>  <b>Nearest Watercourse:</b>  <b>Site Address:</b>  <b>Site District Office:</b> Ottawa  <b>Site Postal Code:</b>  <b>Site Region:</b>  <b>Site Municipality:</b> Ottawa  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Northing:</b>  <b>Easting:</b>  <b>Site Geo Ref Accu:</b>  <b>Site Map Datum:</b>  <b>SAC Action Class:</b> TSSA - Fuel Safety Branch  <b>Source Type:</b> </p>					

<a href="#">13</a>	2 of 3	SW/115.9	71.3 / -0.57	419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	HINC
<p> <b>External File Num:</b> FS INC 0807-03881  <b>Fuel Occurrence Type:</b> Pipeline Strike  <b>Date of Occurrence:</b> 7/15/2008  <b>Fuel Type Involved:</b> Natural Gas  <b>Status Desc:</b> Completed - Causal Analysis(End)  <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS)  <b>Oper. Type Involved:</b> Construction Site (pipeline strike)  <b>Service Interruptions:</b> Yes           </p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Property Damage:</b>		Yes			
<b>Fuel Life Cycle Stage:</b>		Transmission, Distribution and Transportation			
<b>Root Cause:</b>		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
<b>Reported Details:</b>					
<b>Fuel Category:</b>		Gaseous Fuel			
<b>Occurrence Type:</b>		Incident			
<b>Affiliation:</b>		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
<b>County Name:</b>		Ottawa			
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					

[13](#) 3 of 3 SW/115.9 71.3 / -0.57 419 LAURIER STREET EAST OTTAWA ON HINC

<b>External File Num:</b>	FS INC 0810-05962				
<b>Fuel Occurrence Type:</b>	Pipeline Strike				
<b>Date of Occurrence:</b>	11/6/2008				
<b>Fuel Type Involved:</b>	Natural Gas				
<b>Status Desc:</b>	Completed - Causal Analysis(End)				
<b>Job Type Desc:</b>	Incident/Near-Miss Occurrence (FS)				
<b>Oper. Type Involved:</b>	Construction Site (pipeline strike)				
<b>Service Interruptions:</b>	Yes				
<b>Property Damage:</b>	No				
<b>Fuel Life Cycle Stage:</b>	Transmission, Distribution and Transportation				
<b>Root Cause:</b>	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:Yes Training: No Management:No Human Factors:No				
<b>Reported Details:</b>					
<b>Fuel Category:</b>		Gaseous Fuel			
<b>Occurrence Type:</b>		Incident			
<b>Affiliation:</b>		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
<b>County Name:</b>		Ottawa			
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					

[14](#) 1 of 1 NNE/116.9 71.8 / -0.08 235 Charlotte Street Ottawa ON K1N 8L4 EHS

<b>Order No:</b>	20191128027	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Site Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19	<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19	<b>X:</b>	-75.674243
<b>Previous Site Name:</b>		<b>Y:</b>	45.430794
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>			

[15](#) 1 of 8 NNE/118.1 71.8 / -0.08 MICHAEL RICHARD HILL 235 SOMERSET ST W,, OTTAWA, ON, K2P 0J3, CA ON VAR

<b>Incident No:</b>	009501636-001	<b>Item Instance:</b>	NULL
<b>Status:</b>	Variance Approved	<b>Incident Type:</b>	FS-Variance
<b>Incident Reported Dt:</b>	5/3/1993	<b>Aband USTs:</b>	Abandon UST
<b>Incident Created On:</b>	7/7/2009		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">15</a>	2 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<b>Order No:</b>	20191128027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.674243
<b>Previous Site Name:</b>				<b>Y:</b>	45.430794
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">15</a>	3 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<b>Order No:</b>	20191128027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.674243
<b>Previous Site Name:</b>				<b>Y:</b>	45.430794
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">15</a>	4 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<b>Order No:</b>	20191128027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.674243
<b>Previous Site Name:</b>				<b>Y:</b>	45.430794
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">15</a>	5 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<b>Order No:</b>	20191128027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.674243
<b>Previous Site Name:</b>				<b>Y:</b>	45.430794
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">15</a>	6 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<b>Order No:</b>	20191128027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.674243



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Previous Site Name:</i>				Y:	45.430794
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<a href="#">15</a>	7 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<i>Order No:</i>	20191128027	<i>Nearest Intersection:</i>			
<i>Status:</i>	C	<i>Municipality:</i>			
<i>Report Type:</i>	Site Report	<i>Client Prov/State:</i>		ON	
<i>Report Date:</i>	29-NOV-19	<i>Search Radius (km):</i>		.001	
<i>Date Received:</i>	28-NOV-19	<i>X:</i>		-75.674243	
<i>Previous Site Name:</i>		<i>Y:</i>		45.430794	
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<a href="#">15</a>	8 of 8	NNE/118.1	71.8 / -0.08	235 Charlotte Street Ottawa ON K1N 8L4	EHS
<i>Order No:</i>	21102700722	<i>Nearest Intersection:</i>			
<i>Status:</i>	C	<i>Municipality:</i>			
<i>Report Type:</i>	Standard Report	<i>Client Prov/State:</i>		ON	
<i>Report Date:</i>	01-NOV-21	<i>Search Radius (km):</i>		.25	
<i>Date Received:</i>	27-OCT-21	<i>X:</i>		-75.6742105	
<i>Previous Site Name:</i>		<i>Y:</i>		45.4307983	
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans				
<a href="#">16</a>	1 of 1	N/120.0	71.9 / 0.00	R.M. OF OTTAWA-CARLETON STEWART ST./CHARLOTTE ST. OTTAWA CITY ON	CA
<i>Certificate #:</i>	7-0371-95-				
<i>Application Year:</i>	95				
<i>Issue Date:</i>	5/17/1995				
<i>Approval Type:</i>	Municipal water				
<i>Status:</i>	Approved				
<i>Application Type:</i>					
<i>Client Name:</i>					
<i>Client Address:</i>					
<i>Client City:</i>					
<i>Client Postal Code:</i>					
<i>Project Description:</i>					
<i>Contaminants:</i>					
<i>Emission Control:</i>					
<a href="#">17</a>	1 of 2	NW/130.7	72.9 / 1.03	TC UNITED GROUP 347 STEWART ST., OTTAWA, ON, K1N 6K7, CA ON	PINC
<i>Incident ID:</i>		<i>Pipe Material:</i>			
<i>Incident No:</i>	1546508	<i>Fuel Category:</i>		Natural Gas	
<i>Incident Reported Dt:</i>	12/23/2014	<i>Health Impact:</i>			
<i>Type:</i>	FS-Pipeline Incident	<i>Environment Impact:</i>			
<i>Status Code:</i>		<i>Property Damage:</i>		Yes	
<i>Tank Status:</i>	Pipeline Damage Reason Est	<i>Service Interrupt:</i>			
<i>Task No:</i>	5304731	<i>Enforce Policy:</i>		Yes	
<i>Spills Action Centre:</i>		<i>Public Relation:</i>			
<i>Fuel Type:</i>		<i>Pipeline System:</i>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> 2014/12/23 <b>Depth:</b> <b>Customer Acct Name:</b> TC UNITED GROUP <b>Incident Address:</b> 347 STEWART ST., OTTAWA, ON, K1N 6K7, CA <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 347 STEWART ST, OTTAWA - PIPELINE HIT 1/2" <b>Reported By:</b> Tracy Penney - Enbridge Gas <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> Excavation practices not sufficient <b>Notes:</b>					
<b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b> <b>Method Details:</b> E-mail					
<a href="#">17</a>	2 of 2	NW/130.7	72.9 / 1.03	Enbridge Gas Distribution Inc. 347 Stewart St Ottawa ON	SPL
<b>Ref No:</b> 0208-9S2SEC <b>Site No:</b> NA <b>Incident Dt:</b> 2014/12/22 <b>Year:</b> <b>Incident Cause:</b> Leak/Break <b>Incident Event:</b> <b>Contaminant Code:</b> 35 <b>Contaminant Name:</b> NATURAL GAS (METHANE) <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> Air <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> N <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2014/12/22 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Operator/Human Error <b>Site Name:</b> Line Strikew<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> TSSA- 0.5" line strike <b>Contaminant Qty:</b> 0 L					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Pipeline/Components <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 347 Stewart St <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill <b>Source Type:</b>					
<a href="#">18</a>	1 of 1	WNW/132.8	71.9 / 0.00	OTTAWA CITY COBOURG ST./STEWART ST. OTTAWA CITY ON	CA
<b>Certificate #:</b> 3-0500-95- <b>Application Year:</b> 95 <b>Issue Date:</b> 5/17/1995 <b>Approval Type:</b> Municipal sewage <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">19</a>	1 of 1	ENE/151.6	66.9 / -5.00	550 Wilbrod St Ottawa ON K1N 9M3	EHS
<b>Order No:</b>	20051208002			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	12/16/2005			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	12/8/2005			<b>X:</b>	-75.673123
<b>Previous Site Name:</b>				<b>Y:</b>	45.43062
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">20</a>	1 of 1	NNW/152.3	72.9 / 1.03	430 Daly Ave Ottawa ON K1N6H4	EHS
<b>Order No:</b>	20170906038			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	11-SEP-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-SEP-17			<b>X:</b>	-75.675323
<b>Previous Site Name:</b>				<b>Y:</b>	45.431069
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">21</a>	1 of 1	ENE/161.3	53.8 / -18.04	550 Wilbrod St Ottawa ON K1N9M3	EHS
<b>Order No:</b>	20160108010			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-JAN-16			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	08-JAN-16			<b>X:</b>	-75.672947
<b>Previous Site Name:</b>				<b>Y:</b>	45.430598
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	City Directory				
<a href="#">22</a>	1 of 1	NW/166.3	72.9 / 1.00	406 Daly Avenue Ottawa ON K1N 6H1	EHS
<b>Order No:</b>	20190116083			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	18-JAN-19			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	16-JAN-19			<b>X:</b>	-75.67559
<b>Previous Site Name:</b>				<b>Y:</b>	45.431126
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">23</a>	1 of 1	WNW/167.0	71.2 / -0.69	215 Cobourg Street, Ottawa ON	PINC
<b>Incident ID:</b>	2810392			<b>Pipe Material:</b>	
<b>Incident No:</b>	653632			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>				<b>Health Impact:</b>	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	No
<b>Status Code:</b>	Pipeline Damage Reason Est			<b>Property Damage:</b>	Yes
<b>Tank Status:</b>	RC Established			<b>Service Interrupt:</b>	Yes
<b>Task No:</b>	3466330			<b>Enforce Policy:</b>	Yes
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	No
<b>Fuel Type:</b>	Natural Gas			<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>	Pipeline Strike			<b>PSIG:</b>	
<b>Date of Occurrence:</b>	8/30/2011 0:00			<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Occurrence Start Dt:</b>	2011/11/22			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	E-mail
<b>Customer Acct Name:</b>					
<b>Incident Address:</b>					
<b>Operation Type:</b>	Construction Site (pipeline strike)				
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	215 Cobourg Street, Ottawa - 1 ¼" Pipeline Hit				
<b>Reported By:</b>	Armstrong, Alan - Enbridge				
<b>Affiliation:</b>	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
<b>Occurrence Desc:</b>	Linestrike - No Locates				
<b>Damage Reason:</b>	No notification made to the one call center				
<b>Notes:</b>					

**24**      1 of 2      **SSW/202.4**      **69.7 / -2.19**      **ON**      **BORE**

<b>Borehole ID:</b>	613536	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215514797	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>		<b>Primary Name:</b>	
<b>Completion Date:</b>	FEB-1972	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>		<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	45.428026
<b>Total Depth m:</b>	-999	<b>Longitude DD:</b>	-75.67534
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	18
<b>Depth Elev:</b>		<b>Easting:</b>	447171
<b>Drill Method:</b>		<b>Northing:</b>	5030722
<b>Orig Ground Elev m:</b>	70	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	67.5		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218395526	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.5	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>		<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand	<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt	<b>Geologic Period:</b>	
<b>Material 4:</b>	Brick fragments	<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	ARTIFICIAL. DARK,BROWN.		
<b>Geology Stratum ID:</b>	218395530	<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	11.1	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.1	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. DARK,BROWN,COMPACT.				
<b>Geology Stratum ID:</b>	218395531			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Shale			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. SOUND,STRATIFIED. 000550300450750001700800055009001350020036502650240010003902800 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218395527			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. BROWN,LOOSE.				
<b>Geology Stratum ID:</b>	218395528			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	1.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY,BROWN,VERY STIFF, WEATHERED.				
<b>Geology Stratum ID:</b>	218395529			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	4.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY,STIFF,LAYERED.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>				<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA2.txt RecordID: 060440 NTS_Sheet: 31G05G				
<b>Confiden 1:</b>					

**Source List**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Identifier:</b> 1 <b>Source Type:</b> Data Survey <b>Source Date:</b> 1956-1972 <b>Scale or Resolution:</b> Varies <b>Source Name:</b> Urban Geology Automated Information System (UGAIS) <b>Source Originators:</b> Geological Survey of Canada				<b>Horizontal Datum:</b> NAD27 <b>Vertical Datum:</b> Mean Average Sea Level <b>Projection Name:</b> Universal Transverse Mercator	

[24](#)      2 of 2      **SSW/202.4**      **69.7 / -2.19**      **1728067 Ontario Limited  
404 Laurier Ave E Parking Space #8  
Ottawa ON**      **CA**

**Certificate #:** 7347-79BRK2  
**Application Year:** 2007  
**Issue Date:** 12/4/2007  
**Approval Type:** Waste Management Systems  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

[25](#)      1 of 1      **ESE/202.8**      **53.8 / -18.06**      **25 RANGE RD  
OTTAWA ON**      **WWIS**

<b>Well ID:</b> 7267502	<b>Data Entry Status:</b>
<b>Construction Date:</b>	<b>Data Src:</b>
<b>Primary Water Use:</b> Monitoring and Test Hole	<b>Date Received:</b> 7/21/2016
<b>Sec. Water Use:</b> 0	<b>Selected Flag:</b> TRUE
<b>Final Well Status:</b> Monitoring and Test Hole	<b>Abandonment Rec:</b>
<b>Water Type:</b>	<b>Contractor:</b> 7241
<b>Casing Material:</b>	<b>Form Version:</b> 7
<b>Audit No:</b> Z229778	<b>Owner:</b>
<b>Tag:</b> A190897	<b>Street Name:</b> 25 RANGE RD
<b>Construction Method:</b>	<b>County:</b> OTTAWA
<b>Elevation (m):</b>	<b>Municipality:</b> OTTAWA CITY
<b>Elevation Reliability:</b>	<b>Site Info:</b>
<b>Depth to Bedrock:</b>	<b>Lot:</b>
<b>Well Depth:</b>	<b>Concession:</b>
<b>Overburden/Bedrock:</b>	<b>Concession Name:</b>
<b>Pump Rate:</b>	<b>Easting NAD83:</b>
<b>Static Water Level:</b>	<b>Northing NAD83:</b>
<b>Flowing (Y/N):</b>	<b>Zone:</b>
<b>Flow Rate:</b>	<b>UTM Reliability:</b>
<b>Clear/Cloudy:</b>	

**PDF URL (Map):**

**Additional Detail(s) (Map)**

**Well Completed Date:** 2016/06/22  
**Year Completed:** 2016  
**Depth (m):** 4.88  
**Latitude:** 45.4287333949702  
**Longitude:** -75.6725319718196  
**Path:**

**Bore Hole Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bore Hole ID:</b>	1006166324			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	447391.00
<b>Code OB Desc:</b>				<b>North83:</b>	5030799.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	22-Jun-2016 00:00:00			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 1006175801  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 34  
**Most Common Material:** TILL  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 85  
**Mat3 Desc:** SOFT  
**Formation Top Depth:** 4.570000171661377  
**Formation End Depth:** 4.880000114440918  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 1006175800  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 06  
**Mat2 Desc:** SILT  
**Mat3:** 85  
**Mat3 Desc:** SOFT  
**Formation Top Depth:** 1.5199999809265137  
**Formation End Depth:** 4.570000171661377  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 1006175798  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 85

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.3100000023841858			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1006175799			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.3100000023841858			
<b>Formation End Depth:</b>		1.5199999809265137			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006175809			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		0.3100000023841858			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006175810			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.3100000023841858			
<b>Plug To:</b>		3.049999952316284			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006175811			
<b>Layer:</b>		3			
<b>Plug From:</b>		3.049999952316284			
<b>Plug To:</b>		4.880000114440918			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1006175808			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006175797			
<b>Casing No:</b>		0			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006175804			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		3.3499999046325684			
<b>Casing Diameter:</b>		5.199999809265137			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006175805			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		3.3499999046325684			
<b>Screen End Depth:</b>		4.880000114440918			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6.03000020980835			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1006175803			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006175802			
<b>Diameter:</b>		11.399999618530273			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		4.880000114440918			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

[26](#)

1 of 2

NNW/206.9

72.9 / 1.00

Enbridge Gas Distribution Inc.  
417 Daly Ave  
Ottawa ON

SPL

**Ref No:** 4634-AFPTJU  
**Site No:** NA  
**Incident Dt:** 2016/11/14  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Miscellaneous Industrial  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** 417 Daly Ave  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Receiving Medium:</b> <b>Receiving Env:</b> Air <b>MOE Response:</b> No <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2016/11/14 <b>Dt Document Closed:</b> 2016/12/17				<b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
<b>Incident Reason:</b> Operator/Human Error <b>Site Name:</b> Residential<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> TSSA-1/2" Plastic Line Strike, Made Safe, Ottawa <b>Contaminant Qty:</b> 0 other - see incident description				<b>Source Type:</b>	

<a href="#">26</a>	2 of 2	NNW/206.9	72.9 / 1.00	MR FOUNDATION INC. 417 DALY AVE,,OTTAWA,ON,K1N 6H1,CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 1976508 <b>Incident Reported Dt:</b> 11/15/2016 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> 6437392 <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> 2016/12/15 <b>Depth:</b> <b>Customer Acct Name:</b> MR FOUNDATION INC. <b>Incident Address:</b> 417 DALY AVE,,OTTAWA,ON,K1N 6H1,CA <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 417 DALY AVE, OTTAWA - PIPELINE HIT - 1/2" <b>Reported By:</b> John Hardie - ENBRIDGE <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> Excavation practices not sufficient <b>Notes:</b>				<b>Pipe Material:</b> <b>Fuel Category:</b> Natural Gas <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b> <b>Method Details:</b> E-mail	

<a href="#">27</a>	1 of 1	SSW/211.8	69.8 / -2.03	1728067 Ontario Limited 404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	ECA
<b>Approval No:</b> 7347-79BRK2 <b>Approval Date:</b> 2007-12-04 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Rideau Valley <b>Approval Type:</b> ECA-WASTE MANAGEMENT SYSTEMS <b>Project Type:</b> WASTE MANAGEMENT SYSTEMS <b>Business Name:</b> 1728067 Ontario Limited <b>Address:</b> 404 Laurier Ave E Parking Space #8 <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6805-78ANQH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6805-78ANQH-14.pdf</a> <b>PDF Site Location:</b>				<b>MOE District:</b> Ottawa <b>City:</b> <b>Longitude:</b> -75.6756 <b>Latitude:</b> 45.427998 <b>Geometry X:</b> <b>Geometry Y:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	1 of 1	WSW/217.8	72.9 / 1.00	400 WILBROD STREET OTTAWA ON K1N 6M8	HINC
<b>External File Num:</b>		FS INC 0711-06713			
<b>Fuel Occurrence Type:</b>		Pipeline Strike			
<b>Date of Occurrence:</b>		11/11/2007			
<b>Fuel Type Involved:</b>		Natural Gas			
<b>Status Desc:</b>		Completed - No Action Required			
<b>Job Type Desc:</b>		Incident/Near-Miss Occurrence (FS)			
<b>Oper. Type Involved:</b>		Construction Site (pipeline strike)			
<b>Service Interruptions:</b>		No			
<b>Property Damage:</b>		No			
<b>Fuel Life Cycle Stage:</b>		Transmission, Distribution and Transportation			
<b>Root Cause:</b>					
<b>Reported Details:</b>					
<b>Fuel Category:</b>		Gaseous Fuel			
<b>Occurrence Type:</b>		Incident			
<b>Affiliation:</b>		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
<b>County Name:</b>		Ottawa			
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					
<a href="#">29</a>	1 of 4	S/219.6	65.0 / -6.92	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
<b>Order No:</b>		20291500307		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		18-SEP-20		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		15-SEP-20		<b>X:</b> -75.6744561	
<b>Previous Site Name:</b>				<b>Y:</b> 45.4278106	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">29</a>	2 of 4	S/219.6	65.0 / -6.92	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
<b>Order No:</b>		20291500307		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		18-SEP-20		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		15-SEP-20		<b>X:</b> -75.6744561	
<b>Previous Site Name:</b>				<b>Y:</b> 45.4278106	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">29</a>	3 of 4	S/219.6	65.0 / -6.92	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
<b>Order No:</b>		20291500307		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		18-SEP-20		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		15-SEP-20		<b>X:</b> -75.6744561	
<b>Previous Site Name:</b>				<b>Y:</b> 45.4278106	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">29</a>	4 of 4	S/219.6	65.0 / -6.92	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
<b>Order No:</b>	20291500307			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	18-SEP-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	15-SEP-20			<b>X:</b>	-75.6744561
<b>Previous Site Name:</b>				<b>Y:</b>	45.4278106
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">30</a>	1 of 2	SW/220.7	72.2 / 0.31	EMBASSY OF BELGIUM 395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	GEN
<b>Generator No:</b>	ON1009300			<b>Status:</b>	
<b>SIC Code:</b>	9851			<b>Co Admin:</b>	
<b>SIC Description:</b>	POLITICAL ORGAN.			<b>Choice of Contact:</b>	
<b>Approval Years:</b>	88,89,90			<b>Phone No Admin:</b>	
<b>PO Box No:</b>				<b>Contam. Facility:</b>	
<b>Country:</b>				<b>MHSW Facility:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b>	123				
<b>Waste Class Desc:</b>	ALKALINE PHOSPHATES				
<a href="#">30</a>	2 of 2	SW/220.7	72.2 / 0.31	EMBASSY OF BELGIUM 14-426 395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	GEN
<b>Generator No:</b>	ON1009300			<b>Status:</b>	
<b>SIC Code:</b>	9851			<b>Co Admin:</b>	
<b>SIC Description:</b>	POLITICAL ORGAN.			<b>Choice of Contact:</b>	
<b>Approval Years:</b>	92,93,94,95,96,97,98			<b>Phone No Admin:</b>	
<b>PO Box No:</b>				<b>Contam. Facility:</b>	
<b>Country:</b>				<b>MHSW Facility:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b>	123				
<b>Waste Class Desc:</b>	ALKALINE PHOSPHATES				
<a href="#">31</a>	1 of 2	NNW/221.1	72.2 / 0.31	425-429 DALY STREET OTTAWA ON K1N 6H3	EHS
<b>Order No:</b>	20080630012			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	7/10/2008			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	6/30/2008			<b>X:</b>	-75.675163
<b>Previous Site Name:</b>				<b>Y:</b>	45.43174
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps And /or Site Plans				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">31</a>	2 of 2	NNW/221.1	72.2 / 0.31	425-429 Daly Avenue Ottawa ON K1N 8K8	EHS
<b>Order No:</b>	20190412031			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	17-APR-19			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	12-APR-19			<b>X:</b>	-75.675163
<b>Previous Site Name:</b>				<b>Y:</b>	45.43174
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">32</a>	1 of 1	N/227.1	72.2 / 0.31	UNKNOWN 429 DALY STREET OTTAWA CITY ON K1N 6H3	SPL
<b>Ref No:</b>	92870			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	//			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CONTAINER LEAK			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	CONFIRMED			<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>	Soil contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/29/1993			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	INTENTIONAL/PLANNED			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	UNKNOWN SOURCE- OIL STAINON GROUND FROM TIPPED OVER DRUM.				
<b>Contaminant Qty:</b>					
<a href="#">33</a>	1 of 1	NE/232.6	66.9 / -5.00	RIO VISTA APARTMENTS LTD 400 STEWART ST OTTAWA ON K1N 6L2	EASR
<b>Approval No:</b>	R-002-4421271584			<b>MOE District:</b>	Ottawa
<b>Status:</b>	REGISTERED			<b>Municipality:</b>	OTTAWA
<b>Date:</b>	2014-06-06			<b>Latitude:</b>	45.43138889
<b>Record Type:</b>	EASR			<b>Longitude:</b>	-75.67305556
<b>Link Source:</b>	MOFA			<b>Geometry X:</b>	
<b>Project Type:</b>	Standby Power System			<b>Geometry Y:</b>	
<b>Full Address:</b>					
<b>Approval Type:</b>	EASR-Standby Power System				
<b>SWP Area Name:</b>	Rideau Valley				
<b>PDF URL:</b>					
<b>PDF Site Location:</b>					
<a href="#">34</a>	1 of 1	NE/235.1	66.9 / -5.00	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Borehole ID:</b>	613603			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215514846			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	JUN-1970			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.431638
<b>Total Depth m:</b>	12.6			<b>Longitude DD:</b>	-75.673209
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447341
<b>Drill Method:</b>				<b>Northing:</b>	5031122
<b>Orig Ground Elev m:</b>	68.7			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	68.2				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

### Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218395794			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>				<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ARTIFICIAL.				
<b>Geology Stratum ID:</b>	218395799			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY.				
<b>Geology Stratum ID:</b>	218395800			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	11.4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY.				
<b>Geology Stratum ID:</b>	218395798			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	5.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Stratum Description:</b>		SAND.			
<b>Geology Stratum ID:</b>	218395801			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	11.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY. 060 040 00125 043 00194 028 000000050006000800194009 020 00075 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218395795			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	2.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>				<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ARTIFICIAL.				
<b>Geology Stratum ID:</b>	218395797			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.9			<b>Material Texture:</b>	Fine
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND-FINE.				
<b>Geology Stratum ID:</b>	218395796			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>				<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ARTIFICIAL.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA2.txt RecordID: 061110 NTS_Sheet: 31G05G				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Name:</b>		Urban Geology Automated Information System (UGAIS)			
<b>Source Originators:</b>		Geological Survey of Canada			

**35**      1 of 1      S/235.1      65.9 / -6.00      ON      **BORE**

<b>Borehole ID:</b>	613529	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215514793	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>		<b>Primary Name:</b>	
<b>Completion Date:</b>	FEB-1972	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>		<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	45.427669
<b>Total Depth m:</b>	11.9	<b>Longitude DD:</b>	-75.674824
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	18
<b>Depth Elev:</b>		<b>Easting:</b>	447211
<b>Drill Method:</b>		<b>Northing:</b>	5030682
<b>Orig Ground Elev m:</b>	70	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	64.1		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218395500	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.1	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>		<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand	<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt	<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel	<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	ARTIFICIAL. DARK,BROWN.		

<b>Geology Stratum ID:</b>	218395501	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	1.1	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.5	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	SAND. LIGHT,BROWN.		

<b>Geology Stratum ID:</b>	218395503	<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	4.1	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.6	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	CLAY. GREY,FIRM,STIFF,LAYERED.		

<b>Geology Stratum ID:</b>	218395502	<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	1.5	<b>Material Moisture:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth:</b>	4.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY,BROWN,VERY STIFF, WEATHERED.				
<b>Geology Stratum ID:</b>	218395504			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	10.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Dark			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. DARK,GREY,COMPACT. 00000041000500120034701800198 005 00150 018 0002500500050011000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA2.txt RecordID: 060370 NTS_Sheet: 31G05G				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>36</b>	<b>1 of 1</b>	<b>NW/248.3</b>	<b>71.9 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	613598			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215514841			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.431437
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.676787
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447061
<b>Drill Method:</b>				<b>Northing:</b>	5031102
<b>Orig Ground Elev m:</b>	68.6			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	69.9				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comments:

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218395778	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	2.4	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>		<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	CLAY. T. BEDROCK. GREY, FOSSILIFEROUS. ERED. BEDROCK. BEDROCK. 00010 025 00025 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

<b>Geology Stratum ID:</b>	218395777	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.4	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	SAND.		

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	M	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: OTTAWA2.txt RecordID: 061060 NTS_Sheet: 31G05G		
<b>Confiden 1:</b>	Logs are approximately correct. Lack of information. Doubtful terminology.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

# Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Laurier Avenue Bridge	Ottawa ON	
CA	City of Ottawa	From Queen Charlotte St. to Shea Rd.	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA	City of Ottawa	Besserer Street	Ottawa ON	
CA	CITY	GOULBURN AVE.	OTTAWA ON	
CA	OTTAWA CITY	STEWART ST./WILBROD ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MARLBOROUGH STREET	OTTAWA CITY ON	
CA	OTTAWA CITY	BLACKBURN AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Besserer Street (King Edward Ave. to Waller St.)	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	MARLBOROUGH ST.	OTTAWA CITY ON	
ECA	City of Ottawa	From Queen Charlotte St. to Shea Rd.	Ottawa ON	K1P 1J1
ECA	Colonnade Development Incorporated	From Queen Charlotte St. to Shea Rd	Ottawa ON	K2E 7S8
GEN	O.D.S MARINE	LAURIER AVE AND RIDEAU CANAL	OTTAWA ON	K4P 1A2
SPL	OC Transpo<UNOFFICIAL>	Wilbrod / Queen St	Ottawa ON	
SPL	UNKNOWN	RIDEAU CANAL AT LAURIER & MACKENZIE	OTTAWA CITY ON	

# Unplottable Report

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**Site:** *Laurier Avenue Bridge Ottawa ON* **Database:** *CA*

**Certificate #:** 9814-563QFZ  
**Application Year:** 02  
**Issue Date:** 1/7/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** Storm sewers to be constructed on Laurier Avenue, Queen Elizabeth Driveway, Colonel By Drive and Nicholas Street  
**Contaminants:**  
**Emission Control:**

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**Site:** *City of Ottawa  
From Queen Charlotte St. to Shea Rd. Ottawa ON* **Database:** *CA*

**Certificate #:** 4855-6K2MVK  
**Application Year:** 2005  
**Issue Date:** 12/14/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON* **Database:** *CA*

**Certificate #:** 1157-4Z5RNN  
**Application Year:** 01  
**Issue Date:** 7/31/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** Amended CofA  
**Client Name:** Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West, Fourth Floor  
**Client City:** Ottawa  
**Client Postal Code:** K2P 2L7  
**Project Description:** Notice of changes to existing Certificate of Approval # 6268-4Y6L9N  
**Contaminants:**  
**Emission Control:**

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**Site:** *Road Allowance on Daly Avenue Ottawa ON* **Database:** *CA*

**Certificate #:** 2925-5BWNRC



**Application Year:** 02  
**Issue Date:** 7/19/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** This application is for the construction of watermains and apputenances on Daly Avenue and Cumberland Avenue.  
**Contaminants:**  
**Emission Control:**

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**Site:** Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

**Database:**  
CA

**Certificate #:** 7147-4Y6Q6B  
**Application Year:** 01  
**Issue Date:** 7/31/01  
**Approval Type:** Municipal & Private water  
**Status:** Revoked and/or Replaced  
**Application Type:** New Certificate of Approval  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** City of Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** watermains and appurtenances on Laurier Avenue from Waller Street to Nelson Street  
**Contaminants:**  
**Emission Control:**

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**Site:** Road Allowance on Daly Avenue Ottawa ON

**Database:**  
CA

**Certificate #:** 3704-5C7L7U  
**Application Year:** 02  
**Issue Date:** 7/22/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** This application is for the construction of sanitary sewers, storm sewers and appurtenances on Daly Avenue.  
**Contaminants:**  
**Emission Control:**

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**Site:** Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

**Database:**  
CA

**Certificate #:** 7015-4Y6PUV  
**Application Year:** 01  
**Issue Date:** 7/6/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** City of Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** Rehabilitation of Storm and Sanitary sewers and sewer service connections on Laurier Avenue East from Waller Street to Nelson Street  
**Contaminants:**  
**Emission Control:**

---

**Site:** City of Ottawa  
Besserer Street Ottawa ON

**Database:**  
CA

**Certificate #:** 0059-6BGRLY  
**Application Year:** 2005  
**Issue Date:** 4/19/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** CITY  
GOULBURN AVE. OTTAWA ON

**Database:**  
CA

**Certificate #:** 3-0164-85-006  
**Application Year:** 85  
**Issue Date:** 3/13/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** OTTAWA CITY  
STEWART ST./WILBROD ST. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-0075-99-  
**Application Year:** 99  
**Issue Date:** 2/15/1999  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF OTTAWA-CARLETON  
MARLBOROUGH STREET OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-0449-90-  
**Application Year:** 90  
**Issue Date:** 3/20/1990  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**

Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** OTTAWA CITY  
BLACKBURN AVE. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-0787-87-  
**Application Year:** 87  
**Issue Date:** 5/28/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** City of Ottawa  
Besserer Street (King Edward Ave. to Waller St.) Ottawa ON

**Database:**  
CA

**Certificate #:** 8286-5NFPWW  
**Application Year:** 2003  
**Issue Date:** 6/13/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF OTTAWA-CARLETON  
MARLBOROUGH ST. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 7-0361-90-  
**Application Year:** 90  
**Issue Date:** 3/20/1990  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** City of Ottawa  
From Queen Charlotte St. to Shea Rd. Ottawa ON K1P 1J1

**Database:**  
ECA

**Approval No:** 4855-6K2MVK  
**Approval Date:** 2005-12-14  
**Status:** Revoked and/or Replaced  
**Record Type:** ECA

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**

**Link Source:** IDS  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** City of Ottawa  
**Address:** From Queen Charlotte St. to Shea Rd.  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2799-6JZPXL-14.pdf>  
**PDF Site Location:**

---

**Site:** **Colonnade Development Incorporated**  
**From Queen Charlotte St. to Shea Rd Ottawa ON K2E 7S8**

**Database:**  
**ECA**

**Approval No:** 9564-8X8GVL  
**Approval Date:** 2012-08-23  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Colonnade Development Incorporated  
**Address:** From Queen Charlotte St. to Shea Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8862-8X6P9C-14.pdf>  
**PDF Site Location:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** **O.D.S MARINE**  
**Laurier Ave and Rideau Canal Ottawa ON K4P 1A2**

**Database:**  
**GEN**

**Generator No:** ON7795671  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** 02,03,04  
**PO Box No:**  
**Country:**

**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contam. Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 222  
**Waste Class Desc:** HEAVY FUELS

---

**Site:** **OC Transpo<UNOFFICIAL>**  
**Wilbrod / Queen St Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 8005-6B7TRT  
**Site No:**  
**Incident Dt:** 4/6/2005  
**Year:**  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:** OIL (PETROLEUM BASED, NOT SPECIFIED)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Possible  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** Water  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 4/6/2005  
**Dt Document Closed:**  
**Incident Reason:** Unknown - Reason not determined

**Discharger Report:** 0  
**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Other Motor Vehicle  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Spills  
**Source Type:**



**Site Name:** Mackenzie King Bridge<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** OC Transpo - 4L Motor Oil to bridge  
**Contaminant Qty:**

---

**Site:** UNKNOWN  
RIDEAU CANAL AT LAURIER & MACKENZIE OTTAWA CITY ON

**Database:**  
SPL

<b>Ref No:</b>	124376	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	3/31/1996	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	UNKNOWN	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	NOT ANTICIPATED	<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>		<b>Site Lot:</b>	
<b>Receiving Medium:</b>	WATER	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	EPS
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	3/31/1996	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	UNKNOWN	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	LIGHT RAINBOW SHEEN IN LOCKS. SOURCE UNKNOWN. NO RECOVERY POSSIBLE.		
<b>Contaminant Qty:</b>			

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial

[AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Nov 2021**

## **Abandoned Mine Information System:**

Provincial

[AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Sep 30, 2021**

## **Borehole:**

Provincial

[BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2019**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Chemical Manufacturers and Distributors:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-Sep 30, 2021**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 -Nov 2021**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Jan 2022**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994 - Feb 28, 2022**

**Drill Hole Database:**

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2020**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: May 31, 2021**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011- Feb 28, 2022**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994 - Feb 28, 2022**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011- Feb 28, 2022**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Nov 30, 2021**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***



**Emergency Management Historical Event:**

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2020**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2020**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Nov 2021**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2021**

**Fuel Storage Tank - Historic:**

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Nov 30, 2021**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2019**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

[MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Feb 2022**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2020**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

[NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Jun 30, 2021**

**National Energy Board Wells:**

Federal

[NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 28, 2021**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jan 2021**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994 - Feb 28, 2022**

**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***



**Pesticide Register:**

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: Oct 2011- 28 Feb 2022**

**Pipeline Incidents:**

Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2021**

**Private and Retail Fuel Storage Tanks:**

Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994 - Feb 28, 2022**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-1990, 1992-2019**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Feb 2022**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Sep 30, 2021**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2019**

**Anderson's Storage Tanks:**

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970 - Dec 2020**

**Variations for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011- Feb 28, 2022**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Sep 30, 2021**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



## APPENDIX E CORRESPONDENCE WITH REGULATORY AGENCIES



# Ministry of the Environment, Conservation and Parks

## Freedom of Information Request for Property Information

### Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (\*) are mandatory.

**Are you: \***

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

### Section 1 – Description of Records Requested

#### Time Period for Records Requested

From (yyyy/mm/dd) \*

To (yyyy/mm/dd) \*

1900/01/01

2022/03/23

#### Type of Record(s) \*

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:  
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:  
[https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc\\_search?request\\_locale=en](https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en)

- Other Specific Document(s)

#### Type of Approval/Registration \*

- Drinking Water Licenses
- Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Permits to Take Water

Noise Vibrations Approvals/Registrations

Air Emissions Approvals/Registrations

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Company Name

Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

## Section 2 – Requester Information

Last Name \*

Giberson

First Name \*

Janelle

Middle Initial

Business/Organization Name (if applicable or indicate "N/A") \*

McIntosh Perry

Project/Reference Number (if applicable)

CCO-22-3130-03

Are you submitting this request on behalf of a client? \*

Yes  No

Please upload an authorization/consent form from your client in Section 6 (Supporting Documentation)

### Name of Client

Last Name \*

Hopkins

First Name \*

Colin

Business/Organization Name (if applicable or indicate "N/A") \*

Sleepwell Property Management

### Mailing Address

Unit Number

400

Street Number \*

2010

Street Name \*

Winston Park Drive

PO Box

City/Town \*

Oakvill

Province \*

ON

Postal Code \*

L7H 6R5

Telephone Number \*

705-331-6068

ext.

Email Address \*

j.giberson@mcintoshperry.com

Is there an alternate contact (e.g. office admin)? \*

Yes  No

## Section 3 – Current Property Address Information

Is the property a:

Park  Lake  First Nation Band  Wind Farm  Federal Land  Island  Unsurveyed Land

Are you requesting information about multiple addresses? \*

Yes  No

### Property Address

Unit Number

Street Number

476

Street Name

Wilbrod Street

Full Lot Number

Concession

Geographic Township

Ottawa

City/Town/Village \*

Ottawa

Closest Intersection

## Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? \*

Yes  No

## Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

## Current Property Owner/Tenant

476 Wilbrod Street  
Ottawa  
Ottawa

Owner Name

Dale Hill

Date of Ownership (yyyy/mm/dd)

2021/07/02

Tenant Name

## Section 6 – Supporting Documents

Please attach an authorization/consent form.

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

476 Wilbrod St Property Map.jpg

Total File Size

1.11 MB



**Ministry of the Environment,  
Conservation and Parks**

Access and Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075

**Ministère de l'Environnement, de la  
Protection de la nature et des Parcs**

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075



October 17, 2022

Janelle Giberson  
McIntosh Perry  
6240 Highway 7, Unit 200  
Woodbridge, Ontario L4H 4G3  
j.giberson@mcintoshperry.com

Dear Janelle Giberson:

**RE: MECP FOI A-2022-02327, Your Reference CCO-22-3130-03 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 476 Wilbrod Street, Ottawa .

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Tolani Abraham at Tolani.Abraham2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn  
Manager (A), Access and Privacy Office

**Office Use Only**

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



# Historic Land Use Inventory

## Application Form

### Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

### Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

**Background Information**

**\*Site Address or Location:**

*\* Mandatory Field*

### Applicant/Agent Information:

Name:

Mailing Address:

Telephone:  Email Address:

### Registered Property Owner Information: Same as above

Name:

Mailing Address:

Telephone:  Email Address:

## Site Details

Legal Description  
and PIN:

PT LTS 7 & 8, PL 208649, AS IN CR450007; T/W CR450007; OTTAWA/NEPEAN  
PIN 042120234

What is the land  
currently used for?

Vacant residential property

Lot frontage:  m Lot depth:  m Lot area: \_\_\_\_\_ m<sup>2</sup>

OR Lot area: (irregular lot)  m<sup>2</sup>

Does the site have Full Municipal Services:  Yes  No

## Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

## Submittal Requirements

The following are required to be submitted with this application:


- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

**Disclaimer**  
**For use with HLUI Database**

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Janelle Giberson ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 07/04/2022

Per: Janelle Giberson  
(Please print name)

Title: Environmental Scientist

Company: McIntosh Perry



June 21, 2022

Janelle Giberson  
McIntosh Perry

*Sent via email [i.giberson@mcintoshperry.com]*

Dear Janelle,

**Re: Information Request**  
476 Wilbrod Street, **Ottawa, Ontario** (“Subject Property”)

**Internal Department Circulation:**

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.
- **Disposals and Environmental Remediation Unit:** No comments.
- **Sewer Use Program:** The City’s Sewer Use Program has found the following information pertaining to the subject property: No comment
- **Environment and Health Protection:** The City’s Environment and Health Protection Branch has found the following information pertaining to the subject property: No comments
- **Solid Waste Services:** The subject property is not within 500 metres of a solid waste service site.

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

**Additional information may be obtained by contacting:**

**Ontario’s Environmental Registry**

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

### **The Ontario Land Registry Office**

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House  
161 Elgin Street 4th Floor  
Ottawa ON K2P 2K1  
Tel: (613) 239-1230  
Fax: (613) 239-1422

**Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.**

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

**Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.**

If you have any further questions or comments, please contact [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca).

Sincerely,

**Zyan Khan**  
Student Planner

Per:

Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services  
Planning, Infrastructure and Economic Development Department

MB / **MK**

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-22-0076

# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP





HLUI SUMMARY REPORT  
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
116	1909-City Map	Electric Railway	1895, 1929, 1950, 1954	Ottawa Electric Railv		2165.713

HLUI SUMMARY REPORT  
 AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY
276	INSULATING GLASS MAI	Manufacturing	2001-ES	1	2001		27	GOULBURN	AVE		
482	SIRSI CORP	Electrical and Electronic M	2005-SelectPhone	1	2005 c. 2005		400	LAURIER	AVE	EAST	
3024	ROBILLARD, H AND SON	Ornamental and Architect	1900-M; 1910-M; 1920-M; 1930-I	2	1900-1950		383	DALY	AVE		OTTAWA
3050	VICTORIAN ORDER OF P	Medical and Other Health	2001-ES	1	2001 c. 2001		5	BLACKBURN	AVE		

HLUI SUMMARY REPORT  
 AREA FEATURES

ST_NUM201 7	ST_NAME2017	ST_SUFFIX2 017	ST_DIR2017	POSTAL_CO DE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length
27	GOULBURN	AVE		K1N8C7	42080047	OLD OTTAWA	325999				122.1165383
400	LAURIER	AVE	E	K1N8Y2	1.5E+08	OLD OTTAWA	417310; 443120		#200		124.960593
383	DALY	AVE		K1N6G8	42120103	OLD OTTAWA	327215; 332321	303			75.43492322
384	LAURIER	AVE	E	K1N6P9	42080033	OLD OTTAWA	621990				141.7134384

HLUI SUMMARY REPORT  
AREA FEATURES

Shape_Area
------------

932.0411025  
975.3602157  
227.5962719  
1230.609303



HLUI SUMMARY REPORT  
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_SIT_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR
3581	GILLIN ENG & CONST LTD		UST	fuel oil	11350	Permit		Bylaw No. 304-60	400	STEWART	ST	
3582	RUSSIAN EMBASSY - G A CRAIN & SONS		not specified	fuel oil	4540	Permit		Bylaw No. 8022 - I	285	CHARLOTTE	ST	
3587	STRATHCONA APTS - COMMERCIAL REALTIES	AST		fuel oil	13620	Permit		Bylaw No. 8022 - I	404	LAURIER	AVE	E
3588	CANADIAN LUMBERMEN'S ASSOCIATION		not specified	fuel oil	4540	Permit		Bylaw No. 8022 - I	27	GOULBURN	AVE	
3590	F C C LYNCH		not specified	fuel oil	4994	Permit		Bylaw No. 8022 - I	483	WILBROD	ST	
3652	A PARISIEN		not specified	fuel oil	6810	Permit		Bylaw No. 8022 - I	425	DALY	AVE	
3653	A PARISIEN		not specified	fuel oil	6810	Permit		Bylaw No. 8022 - I	425	DALY	AVE	
3873	N A BELCOURT		not specified	gasoline	181.6	Permit		Bylaw No. 8022	27	GOULBURN	AVE	
3875	H I THOMAS - S F BOWSER CO		not specified	gasoline	227	Permit		Bylaw No. 8022	245	AUGUSTA	ST	

HLUI SUMMARY REPORT  
POINT FEATURES

COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAIN TY	IMAGE_MAP_ 2	TANK_MATE RIAL	TANK_ID	TANK_LEAKI NG	TANK_REMO VED	REMOVED_DA TE	DATE_INSTALL ED	NATURE_OF_B USINESS	SCANNED DRAWIN G
	369494.8842	5032748.463					ST3863				05/11/1969		Yes
address listed in registry for contr	369507.3806	5032542.308					ST0347				05/11/1956	1 - 1000 gal fuel oil	
tank located in former coal bunke	369309.0935	5032337.649					ST0351				20/07/1959	1 - 3000 gal fuel oil US	
	369332.9939	5032268.984					ST0352				01/12/1947	1000 gal fuel oil tank	
	369364.0731	5032586.484					ST0364				03/11/1947	1100 gal fuel oil tank	
	369346.7819	5032760.048					ST0345				21/09/1953	1 - 15000 fuel oil	
	369346.7819	5032760.048					ST0346				21/09/1953		
	369332.9939	5032268.984					ST1329				02/10/1922		
	369186.4903	5032470.511					ST1361				07/08/1923		

HLUI SUMMARY REPORT  
POINT FEATURES

TEMPREc ordID	CAPACITY _UOM	MUNICIPA LITY	POSTCOD E
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;T

Janelle Giberson

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From: Public Information Services <publicinformationsservices@tssa.org>  
Sent: March 23, 2022 12:21 PM  
To: Janelle Giberson  
Subject: RE: PCA Information Request - 476 Wilbrod St, Ottawa, ON

**Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.**

**NO RECORD FOUND**

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Sherees



**Public Information Agent**

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



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From: Janelle Giberson <j.giberson@mcintoshperry.com>  
Sent: March 23, 2022 9:15 AM  
To: Public Information Services <publicinformationsservices@tssa.org>  
Subject: PCA Information Request - 476 Wilbrod St, Ottawa, ON

[CAUTION]: This email originated outside the organisation.  
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,



I would like to submit and information request for the property located at 476 Wilbrod Street, Ottawa, Ontario. Can you provide any information related to potential contaminating activities at the Site. Please let me know if there is any additional information you require from me.

Thanks!

**Janelle Giberson**

**Environmental Scientist**

C. 705.331.6068

[j.giberson@mcintoshperry.com](mailto:j.giberson@mcintoshperry.com) | [www.mcintoshperry.com](http://www.mcintoshperry.com)

**McINTOSH PERRY**

Turning Possibilities Into Reality



Platinum member

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# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



## APPENDIX F INTERVIEW RECORD

## Phase I ESA Interviews

Interviewer (MPCE) Janelle Giberson MPCE Project No. CCO-22-3130Interviewee Colin HopkinsRelationship to Subject Property building/manager  
developer Time Associated with Property: 6Date 03/23/22 Date Property was developed: Early 1900's rebuilt 60's

Potential Item of Concern	Interview Comments
Accidents/Spills	None
Previous Use of Site	Rooming house
Adjacent Properties	Residential/Embassy.
Fuel Handling/Storage	None
Maintenance/Operational Areas	None
Hazardous Materials Storage	None
Salt Storage	Salt for walkways/salt bin

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	None
Odours	None.
Potable Water	Yes.
Septic and Wastewater Discharges	No septic
Pesticides	None
Mould	None
Heating and Cooling Systems	boiler / gas .
Major Mechanical Equipment	none
Waste Oils, Solvents, Batteries	none.
PCBs	N/A.
Asbestos	Asbestos report done sent on email
Lead Paint	N/A.



Potential Item of Concern	Interview Comments
Ozone Depleting Substances (ODS)	None
Electromagnetic Radiation	None
Urea-formaldehyde foam insulation (UFFI)	none.
Mercury	N/A.
Radon Gas	N/A.
Soil and Groundwater Conditions	N/A
Wells	none.
Waste Disposal and Recycling	Municipal
Fill Material	N/A.
Floor Drains/OWS (discharge locations)	basement mechanical Room
Other	none

Future use of property: mid-rise apartments (20 units)

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 476 WILBROD STREET, OTTAWA, ONTARIO



APPENDIX G  
SITE PHOTOGRAPHS



Photo 1: Living area on the ground level of the Site Building.

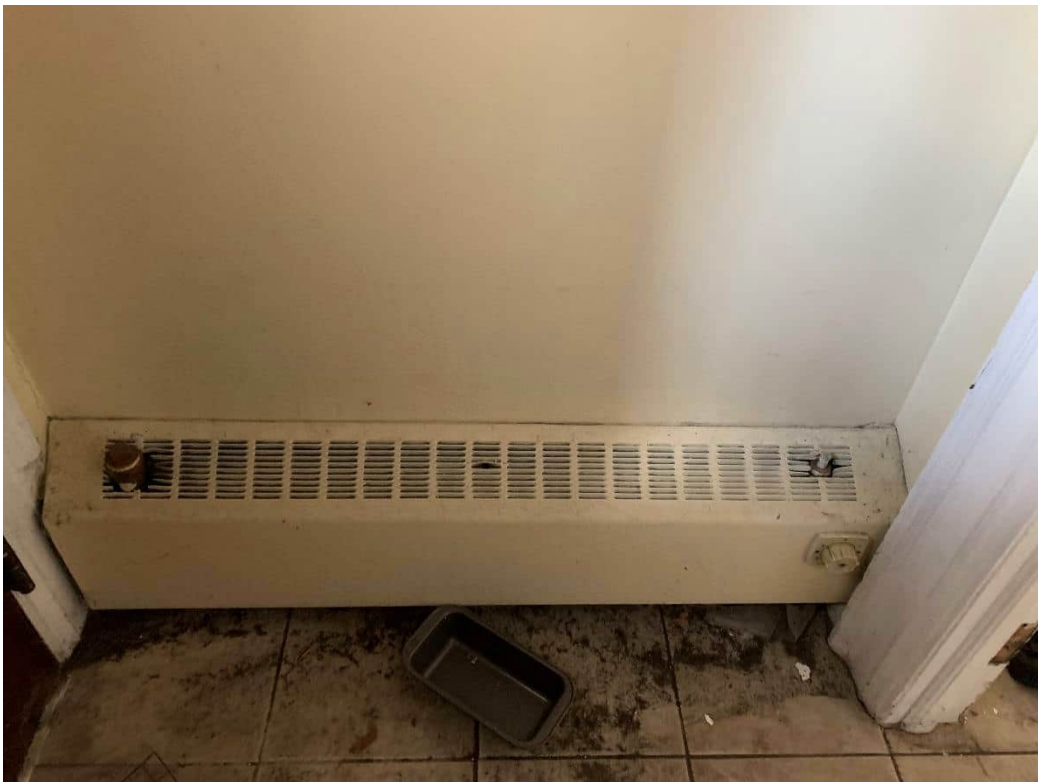


Photo 2: Hot water radiator located on the ground level of the Site Building.



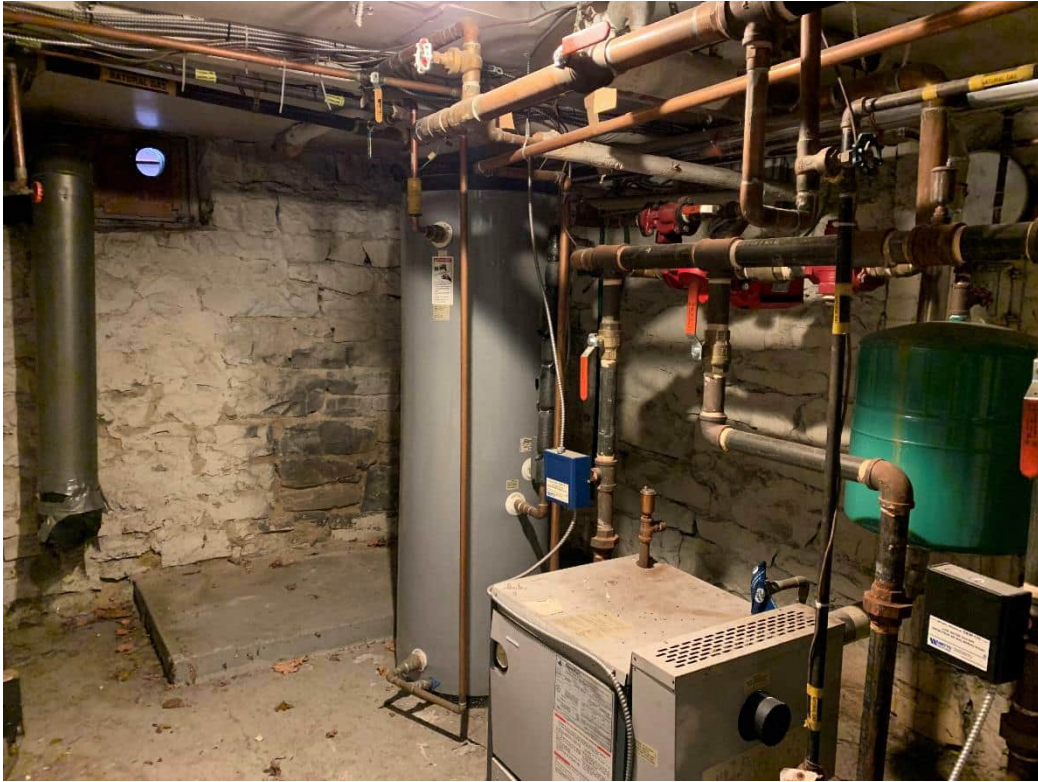


Photo 3: Natural gas-fired boiler heating including historic concrete pad and wall discolouration located within the basement level of the Site Building.



Photo 4: Piping from suspected aboveground storage tank within the basement level boiler room of the Site Building.





Photo 5: Garbage incinerator located within the boiler room of the basement level within the Site Building.



Photo 6: Living area located within the second floor of the Site Building.



Photo 7: Suspect mould located on the dry wall within the basement level of the Site Building.



Photo 8: Roof-top split-level air-conditioning unit for the Site Building.





Photo 9: North exterior of the Site Building.



Photo 10: South exterior of the Site Building.





Photo 11: Residential properties located north of the Site Building.