PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT

1047 Richmond Road, Ottawa, Ontario

CO972.00

FINAL REPORT

August 14, 2025

Prepared for:

FENGATE ASSET MANAGEMENT

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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 3

2.0 INTRODUCTION 5

2.1 OBJECTIVE 5
2.2 PHASE ONE PROPERTY INFORMATION 5
2.3 PLAN OF SURVEY 6
2.4 ENHANCED INVESTIGATION PROPERTY 6

3.0 SCOPE OF INVESTIGATION 8

3.1 GENERAL 8
3.2 QUALIFIED PERSON 8
3.3 LIMITATIONS 9

4.0 RECORDS REVIEW 10

4.1 GENERAL 10
4.2 ENVIRONMENTAL SOURCE INFORMATION 15
4.3 PHYSICAL SETTING SOURCES 19
4.4 SITE OPERATING RECORDS 24

5.0 INTERVIEWS 26

5.1 SITE REPRESENTATIVE 26

6.0 SITE RECONNAISSANCE 27

6.1 GENERAL REQUIREMENTS 27
6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY 27
6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY 29
6.4 WRITTEN DESCRIPTION OF INVESTIGATION 30

7.0 REVIEW AND EVALUATION OF INFORMATION 31

7.1 CURRENT AND PAST USES 31
7.2 POTENTIALLY CONTAMINATING ACTIVITY 31
7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN 31
7.4 PHASE ONE CONCEPTUAL SITE MODEL 31

8.0 CONCLUSIONS 32

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED 32
8.2 RSC BASED AN PHASE ONE ESA ALONE 32
8.3 SIGNATURES 32

9.0 REFERENCES 34

FIGURES

Figure 1	Site Location
Figure 2	General Site Layout
Figure 3	Phase One Study Area and Surrounding Land Uses
Figure 4	Conceptual Site Model and Potentially Contaminating Activities
Figure 5	Conceptual Site Model – Areas of Potential Environmental Concern

APPENDED TABLES

Table 1	Current and Past Uses of the Phase One Property
Table 2	Potentially Contaminating Activities On, In or Under the Phase One Property and Study Area
Table 3	Areas of Potential Environmental Concern

APPENDICES

Appendix I	Plan of Survey
Appendix II	Fire Insurance Products
Appendix III	Chain of Title
Appendix IV	Directory Search
Appendix V	ERIS Report
Appendix VI	Government and Regulatory Information
Appendix VII	Aerial Photographs
Appendix VIII	Topographic Map
Appendix IX	Client Files
Appendix X	Site Photographs
Appendix XI	Phase One Conceptual Site Model
Appendix XII	Qualification of the Assessors

1.0 EXECUTIVE SUMMARY

Terrapex was retained by Fengate Asset Management (Fengate or the Client) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client intends on redeveloping the Site to a more sensitive property use (from commercial to mixed residential and commercial use, and parkland), which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

The date of the last work on the records review, interviews, and site reconnaissance required for the Phase One ESA (per Section 28 (1) (a) of O. Reg. 153/04) is June 11, 2025, the date of the most recent Site Reconnaissance visit.

The objective of the investigation was to identify actual and potential sources of contamination associated with the site arising from current and/or historical activities on the site and on properties within the Phase One study area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

At the time of inspection, the Site was a vacant fenced property with the exception of a small wooden structure on the west-central portion of the Site associated with the former pole-mounted transformers. The Ste was accessible from New Orchard Avenue North.

Following the completion of the records review, interview, and Site reconnaissance, Terrapex determined the following:

- The current registered owner of the 1047 Richmond Nominee Inc., which has owned the property since 2022.
- The Site was transferred between individuals since 1804 for assumed agricultural purposes, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. As such, the first developed use was determined to be the tourist cabins (i.e., first buildings) circa 1956.

- The Site is an enhanced investigation property. However, no operational information was provided for review with the exception of a 1960-era as-built set of drawings showing the construction car dealership and automotive garage.
- The Phase One Study Area consists of the Site and properties generally located wholly or partly within 250 m from the nearest point on a boundary of the Site.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, six potentially contaminating activities (PCAs) were identified on the Site and 17 PCAs were identified within the Phase One Study Area, as listed in Table 2 of Schedule D of O. Reg. 153/04, or as determined by the QP. Seven of the PCA resulted in areas of potential environmental concern (APECs) at the Site.

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to meet the conditions required to file an RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.

2.0 INTRODUCTION

Terrapex was retained by Fengate Asset Management (Fengate or the Client) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client intends on redeveloping the Site to a more sensitive property use (from commercial to mixed residential and commercial use, and parkland), which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area (refer to Section 4.1.1. below), to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

2.2 PHASE ONE PROPERTY INFORMATION

Information regarding the location and identification of the Phase One Property and the party authorizing this study is provided in the table below. Refer to Figure 1 for the location of the Site, and to Figure 2 for the general layout and features of the Site at the time of the site reconnaissance.

SUMMARY OF PHASE ONE PROPERTY INFORMATION

Address:	1047 Richmond Road, Ottawa, Ontario
Property Identification Numbers:	Parts of 03970-0109 (LT) and 03970-0105 (LT), as indicated on the annotated plan of survey provided in Appendix I
Legal Descriptions:	PART OF LOTS 24 AND 25, CONCESSION 1 (OF), AS IN N545545, SAVE AND EXCEPT PART 1 ON PLAN 5R-3653, OTTAWA; and, PT LT 25, CON 10F, AS IN N707740 ; OTTAWA / NEPEAN

UTM Coordinates (centre of Site): **Easting:** **Northing:**	18T 439,032 m 5,024,858 m
Name and Address of Owner:	1047 Richmond Nominee Inc. c/o Fengate Asset Management 2275 Upper Middle Road East, Suite 700 Oakville, Ontario, L6H 0C3
Name and Address of Authorizing Party:	Alison Kimmell Managing Director, Development and Portfolio Management 1047 Richmond Nominee Inc. c/o Fengate Asset Management 2275 Upper Middle Road East, Suite 700 Oakville, Ontario, L6H 0C3
Current Condition and Use(s):	Vacant, Former Commercial Property
Structures:	None
Site Area (as shown in the Plan of Survey and Concept Plan provided in Appendix I):	Part 1 – 74.3 m^2 (future conveyance to City) Part 2 – 48.2 m^2 (future transit stop) Part 3 – 1,000 m^2 (future dedicated parkland) Part 4 – 5,034 m^2 (future 37-storey mixed use building) Part 6 - 29.0 m^2 (future at grade area with intake / exhaust grate) **Total – 6,185.5 m^2**
Occupants (current):	None
Other facilities of note:	None

2.3 PLAN OF SURVEY

A survey entitled *Plan of Survey, Part of Lots 24 and 25, Concession 1 (Ottawa Front), Geographic Township of Nepean, City of Ottawa*, dated August 6, 2025, surveyed by Annis, O'Sullivan, Vollebekk Ltd. is provided in Appendix I. Also provided in Appendix I, is Sheet No. SP-1 entitled *1047 Richmond Road, Ottawa, Ontario, Phase I – Site Plan* prepared by Roderick Lahey Architect Inc. for Fengate Asset Management issued for a building permit, dated March 24, 2025.

As shown, the Phase One ESA property consists of the western portion of the 1047 Richmond Road property.

2.4 ENHANCED INVESTIGATION PROPERTY

An enhanced investigation property is defined in O. Reg. 153/04 as a property that is being used or has been used, in whole or in part, for an industrial use or for commercial use as a garage, a bulk liquid dispensing facility (including a gasoline outlet), or for the operation of dry cleaning equipment.

Based on the findings of the Phase One ESA (as documented herein), the Site is an enhanced investigation property due to the previous use of the Site as a car dealership with an automotive service garage.

3.0 SCOPE OF INVESTIGATION

3.1 GENERAL

The Phase One ESA was conducted in accordance with the current requirements of O. Reg. 153/04. The five main components of the Phase One ESA scope of work are described below.

Records Review: A review was conducted of available historic and current environmental information pertaining to the Site and the Phase One Study Area in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04.

Interviews: An interview was conducted with a representative of the current owner of the Site. Representatives of the previous owners were not available.

Site Reconnaissance: A reconnaissance of the Site and accessible properties within the Phase One Study Area was conducted for evidence of potential environmental concerns.

Evaluation: The information obtained from the records review, interviews, and Site reconnaissance was reviewed, evaluated and interpreted by the Qualified Person (QP) for this project (see Section 3.2 below) in consideration of the Phase One ESA general objectives and any uncertainty associated with the data sources.

Reporting: In accordance with the requirements of Schedule D of O. Reg. 153/04, this report documents the findings, conclusions, and recommendations of the Phase One ESA and includes:

- a table of the current and past uses of the Phase One Property;
- a table of identified potentially contaminating activities (PCAs) and a table of associated areas of potential environmental concern (APECs);
- a Phase One conceptual Site model (CSM); and,
- conclusions and recommendations made based on the evaluation and interpretation of information obtained for the Phase One ESA.

3.2 QUALIFIED PERSON

The Phase One ESA was supervised by Keith Brown, of Terrapex, located in Ottawa, Ontario. Mr. Brown holds a license under the *Professional Engineers Act* and therefore meets the qualifications to be considered a Qualified Person for the purposes of conducting or supervising environmental site assessments in Ontario per Section 5 (2) (a) of O. Reg. 153/04.

3.3 LIMITATIONS

All areas of the Site were accessible during the Site inspection. Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points.

It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review, interview and site inspection components. This includes Phase One ESA work done by Golder Associates Ltd. (Golder) in 2021, from which some of the historical records were collected. However, it should be noted that the Golder Phase One ESA include the entire 1047 Richmond Road property.

General limitations of the study are provided in Section 8.3.

In the opinion of the QP, limitations are not considered to have compromised the objectives of the Phase One ESA.

4.0 RECORDS REVIEW

4.1 GENERAL

Terrapex obtained and reviewed records relating to the Site and surrounding properties within the Phase One Study Area, in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04. The records and sources of information reviewed are summarized below, and a list of all documents and data cited in this report is provided in Section 9.0.

4.1.1 Phase One Study Area Determination

To determine the Phase One Study Area, Terrapex conducted a preliminary records review to identify any conditions that might warrant an expansion of the Phase One Study Area beyond the minimum required by O. Reg. 153/04. This review included searches / reviews of the following information:

- Aerial photographs;
- Provincial waste disposal site inventory documents; and,
- Reports documenting previously completed environmental investigations of the Site.

The preliminary review did not identify any potential concerns warranting an expansion of the Phase One Study Area. Accordingly, the Phase One Study Area was established to encompass all of the properties that were located in whole or in part, within 250 m of the boundaries of the Site.

The boundary of the Phase One Study Area is depicted in Figure 3. Note that all distances are calculated from the nearest property boundary of the Site to the nearest boundary of the feature/property in question and are approximate.

4.1.2 First Developed Use Determination

Information obtained during the records review portion of the work program was used to determine the date of the first developed use of the Site, as defined in O. Reg. 153/04.

Based on information provided in the 2021 Golder title search and fire insurance products, the Site was transferred between individuals since 1804, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. As such, the first developed use was determined to be the tourist cabins (i.e., first buildings) circa 1956.

4.1.3 Fire Insurance Plans

Golder made a request to Environmental Risk Information Services Ltd. (ERIS) for Fire Insurance Plans (FIPs), underwriters' reports or underwriters' plans for the Site and surrounding properties as part of the research conducted as part of their 2021 Phase One ESA. A copy of the fire insurance products from the previous Phase One ESA is provided in Appendix II. Given that additional fire insurance products are not likely to exist, Terrapex did not request a FIP record search as part of this study.

Terrapex reviewed the fire insurance products. A summary of the relevant information obtained from the fire insurance products is presented in the table below, including identification of operations that are considered to be PCAs under O. Reg. 153/04.

SUMMARY OF FIRE INSURANCE PRODUCTS

Year	Features of Site	Features of Surroundings	PCAs/Potential Concerns
1956 FIP	• Two residences and 12 tourist cabins were located on-Site	• The Canadian Pacific Railway and Ottawa Electric Railways were located to the north and south of the Site • A gasoline service station with two underground storage tanks (USTs) was located to the west of the Site at 1051 Richmond Road (current civic address 1075 Richmond Road) • A hydro sub-station with transformers was located to the northwest of the Site at 106 New Orchard Avenue (current civic address 108 New Orchard Avenue)	On-Site PCAs/concerns: None Off-Site PCAs/concerns: 28 - Gasoline and Associated Products Storage in Fixed Tanks 55 - Transformer Manufacturing, Processing and Use
1976 Site Plan	• Plan showed the outline of a car dealership with a small showroom, a larger garage area, office and, parts storage rooms	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops
1976 Report	• Auto detailing report notes the showroom; parts department, repair garage, and rust proofing on the first floor; and, offices, a boiler room (natural gas-fueled), and parts storage on the second floor	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops
1982 Report	• In the 1982 property fire rating report form, the land-use was similar to 1976	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops

Year	Features of Site	Features of Surroundings	PCAs/Potential Concerns
1994 Report	• In the 1994 Multirisk report, the Site was a automobile dealership with parts sales, auto service garage (with 12 hoists), autobody shop (with a paint booth), and various offices and storage, reportedly built in 1960 with an addition in 1992. • Waste oil was stored in an AST located outside the building (specific locations were not provided).	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks

FIPs were also available from 1946. The FIPs did not cover the Site but included the eastern and southern extents of the Study Area. Property use in those areas was residential at that time and no PCAs were identified.

Copies of the Fire Insurance Documents are provided in Appendix II.

4.1.4 Chain of Title

A chronological chain of title was obtained by Golder through ERIS in 2021, a copy of which is provided in Appendix III. Terrapex also obtained the Service Ontario Parcel Register documents for the Property Identification Numbers (PINs) associated with the Site, copies of which are also provided in Appendix III.

As shown, the Site was transferred from the crown to various individuals between 1804 and 1958 when it was transferred to Northern Garage and Holdings Limited. In 1959 it was transferred to Chrysler Corporation of Canada; in 1971 it was transferred to Parkway Chrysler Plymouth Ltd.; in 1982 it was transferred to a numbered Ontario company (Marinter Ontario Ltd.); and, in 1990 it was transferred to Rimosa Investments Limited to which Chrysler Canada Ltd. was a lessee in 1998. In 2022, the property was transferred to 1047 Richmond Nominee Inc. (the current owner).

4.1.5 Environmental Reports

Aside from the 2021 Golder Phase One ESA, from which some of the historical records and other findings were collected and shared throughout this report, no previous environmental reports pertinent to this Phase One ESA were provided for review. It should be noted that the Golder Phase One ESA covered the entire 1047 Richmond Road property

It should be noted that the findings of this Phase One ESA records review are in general agreement with those findings presented in Golder's 2021 Phase One ESA.

Notwithstanding, the Site was operating as a new and used car sales and service facility at the time of the Golder Phase One ESA (whereas the Site was vacant during Terrapex's Phase One Site reconnaissance). As such, a summary of the observations and pertinent findings made during Golder's 2021 Site reconnaissance is provided below:

- The property was occupied by a 1,600 m^2, two-storey slab-on-grade commercial building that was used as an office, showroom, automotive service garage, body shop, and paint booth. The majority of the former building was located on the current Site. Vehicles were stored throughout the property.
- Four ASTs were observed on the property. Three were observed within the garage for the storage of motor oil and one for the storage of waste oil located outside to the north of the building. Staining was observed at that location and within the garage area.
- Fifteen hoists were observed in the garage area, one of which was hydraulic (not in-ground). However, evidence of former in-ground hydraulic hoists was observed.
- The property was fully serviced with municipally supplied potable water, sanitary and storm sewers, gas and communications (all of which were subsurface utilities). Suspended transformers were located in the eastern portion of the Site, providing overhead hydro service to the building.
- Building heating was natural gas-fired (consistent with FIPs, as summarized in Section 4.1.3).
- References were made to an oil/water separator (OWS), a service station with associated USTs, and a waste oil UST. These references were based on as-built drawings provided. Those items were not observed during Golder's Site reconnaissance (further discussed in Section 4.4).
- Property-use in the vicinity of the Site was noted to be residential and commercial. No PCAs were observed off-Site on the surrounding properties during the Site reconnaissance.

Golder identified a total of 13 PCAs as follows:

<u>On-Site</u>

- PCA 1 #10 for commercial autobody shop;
- PCA 2A and 2B #28 for former USTs;
- PCA 3 #28 for the AST;
- PCA 4 # 39 for the paint booth;
- PCA 5 #30 for the fill material; and,
- PCA 6 #55 for an observed pole mounted transformer.

Off-Site:

- PCA G #46 for the railway corridor found at 350 m north of the Site.
- PCA H #28 for a former gas station was reported at 1051 Richmond Road.
- PCA I #37 for operation of dry-cleaning equipment at 993 Richmond Road.
- PCA J #10 for the automotive repair shop at 1075 Richmond Road.
- PCA K #28 for 99 New Orchard Avenue.
- PCA L #55 for a transformer located 125 m northwest of the Site.
- PCA M #10 for 979 Richmond Road.

4.1.6 Property Use Records

In 2021, Golder (through ERIS) conducted a review of relevant and readily available city directories to assess the occupancy history of the Phase One Property and selected surrounding properties.

The Phase One Study Area was generally unlisted until 1954/56, when property use was residential. The Site was first listed in 1965 as Parkland Plymouth Chrysler and generally remained the same until 2011 (the last year reported).

Based on a review of the information obtained, a summary of search results that are considered to be PCAs, or otherwise of potential environmental concern to the Site, is provided in the table below:

SUMMARY OF CITY DIRECTORY INFORMATION

Address	Proximity[1]	Year(s)	Listing(s)	Potential PCAs[2]/Concerns
1047 Richmond Road	Site	1965-2011	Parkland Plymouth Chrysler	10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks
979 Richmond Road	175 m northeast	1969-2011	Tops Car Wash	N/A
993 Richmond Road	145 m northeast	1978-1982	Palmers Cleaners	37 - Operation of Dry Cleaning Equipment (where chemicals are used)
955 Richmond Road	230 m northeast	2000-2011	Ottawa Honda	10 – Commercial Autobody Shops

[1] *Direction and approximate distance to nearest Site boundary*
[2] *As set out in Table 2 in Schedule D of O. Reg. 153/04.*

A copy of the municipal directory search results is provided in Appendix IV.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 ERIS Environmental Databases

Terrapex ordered a RSC (Urban) database report from ERIS for any records associated with the Site and properties within the Phase One Study Area. ERIS searched government and privately owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04.

The report from ERIS is reproduced in Appendix V and presents information for the records found, a Site diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched.

The ERIS report indicated 150 listings within the Phase One Study Area. Relevant listings considered to be PCAs under O. Reg. 153/04 are summarized in the table below.

SUMMARY OF RELEVANT ERIS FINDINGS

Address	Proximity*	Database	Year(s)#	Details	PCA[3]s/Potential Concerns
1047 Richmond Road	The Site	CA EASR GEN	1997 2012 2021	Waste Oil Furnace Automotive Refinishing Waste Oil/Sludges	10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks
1025 Richmond Road	Adjacent to the northeast	SCT	NA	Lighting Fixture Manufacturing	N/A
1162 Byron Avenue	70 m east	SPL	1988	200 L furnace oil to floor drain	Other - Spill
Richmond Road and New Orchard Ave. (Ottawa LRT)	50 m south	SPL SPL	2020 2021	50 L diesel fuel 20 L hydraulic oil	Other - Spill
1075 Richmond Road	70 m southwest	EASR	2012	Automotive Refinishing	28 - Gasoline and Associated Products Storage in Fixed Tanks
979 Richmond Road	125 m northeast	PRT GEN DNTK EXP	1995 2002-04 2001 1988	Tops Car Wash Light Fuels Expired Facility 3 x 22,700L gasoline UST	28 - Gasoline and Associated Products Storage in Fixed Tanks
192 Ancaster Avenue	180 m east	SPL	2000	50 L furnace oil to drain	Other - Spill
1100 Ambleside Drive	165 m southwest	GEN	2022	Oil Skimmings and Sludges	Other – Waste Generation
945 Richmond Road	250 m northeast	GEN	2013	Oil Skimmings and Sludges	Other – Waste Generation
1136 Richmond Road	250 m southwest	EASR	2020	Waste Management System (Telecon Inc.)	Other – Waste Generation
1068 Richmond Road	190 m southwest	SPL	2021	30 L hydraulic oil	Other - Spill

[1] direction and approximate distance to nearest Site boundary

[2] For SCT listings, the year is the year the company was established.

[3] As set out in Table 2 in Schedule D of O. Reg. 153/04.

Other spill events were identified within the Phase One Study Area. Based on a review of the records, the majority were for small spills (5 L or less of motor oil, hydraulic oil, diesel fuel or engine coolant) related to the construction work for the LRT tunnel, or materials that are not considered to be a potential environmental concern for the Site (sewage, concrete/concrete wash or natural gas) and are not considered to be significant in terms of potential impacts to the environmental quality of soil or groundwater at the Site (and are not included in the table above).

4.2.2 Other Government and Regulatory Documentation

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site, and/or any available information pertaining to nearby water bodies and areas of natural significance within the Phase One Study Area. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix VI.

4.2.2.1 Freedom of Information

Golder had previously conducted a search of the Ontario Ministry of the Environment, Conservation and Parks (MECP) Access Environment database and no registrations or approvals were noted for the property.

Terrapex submitted a request for information was submitted to the MECP Freedom of Information, Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills. No response has been received as of the writing of this report.

The Technical Standards & Safety Authority (TSSA) was contacted by Golder in 2021 regarding records of fuel storage tanks at the Site and neighbouring sites. Golder received a response from the TSSA on September 9, 2021, indicating that no records were found for the Site.

Given that there have been no changes at the Site since that time, Terrapex did not submit a TSSA FOI request as part of this Phase One ESA.

4.2.2.2 Areas of Natural Significance

Terrapex conducted a search of the information provided in the following resources to identify any areas of natural significance (as defined by O. Reg. 153/04) at, or within 30 m of, the Phase One Property. The search comprised:

- Review of the Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario (LIO) website to identify the following:
  - Provincial Parks and Conservation Reserves;
  - Areas of Natural and Scientific Interest (life science or earth science);
  - Provincially Significant Wetlands;
  - Niagara Escarpment Natural and Protection Areas;
  - Oak Ridges Moraine Natural Core or Natural Linkage Areas;
  - Wilderness Area.
- Review of Official Plans for upper tier and lower tier municipalities (as applicable).
- Review of extensive information sources (Section 9.0, References) to identify threatened or endangered species at risk, and their habitat, that have the potential to occur at, or within 30 m of, the Phase One Property.

The information gleaned from these sources is summarized in the table below.

SUMMARY OF REVIEW FINDINGS FOR AREAS OF NATURAL SIGNIFICANCE

Feature	Present	Details
Provincial Park/Conservation Reserve	No	• N/A
MNRF Provincially Significant ANSI	No	• N/A
Significant Woodland	Yes	• Mapped woodland identified approximately 100 m north of the Site.
MNRF Provincially Significant Wetland	Yes	• Mapped wetland identified approximately 115 m northwest of the Site (within identified woodland)
Environmentally Significant in Municipal Official Plan	No	• N/A
Designated Natural or Protection Area by Niagara Escarpment Plan	No	• N/A
Threatened/Endangered Species & Associated Habitat[1]	No	• N/A
Designated Natural Core or Linkage Area by Oak Ridges Moraine Conservation Plan	No	• N/A
Wilderness Area	No	• N/A

4.2.2.3 City of Ottawa Historic Land Use Inventory

In 1999, the former Regional Municipality of Ottawa-Carleton commissioned the preparation of a Historic Land Use Inventory (HLUI). The purpose of the HLUI was to collect information on the type and location of all land uses within the boundaries of the former Regional Municipality of Ottawa-Carleton (now the City of Ottawa) which had or have the potential to cause contamination in soil, ground water or surface water.

Golder received an HLUI report from the City of Ottawa as part of their Phase One ESA. Although the detailed report was not provided, a summary of the pertinent records was provided. As indicated by Golder in 2021, the following is a summary of the pertinent potential concerns.

SUMMARY OF POTENTIAL CONCERNS IDENTIFIED BY HLUI

Address[1]	Business (s)	PCAs/Potential Concerns
1051 Richmond Road (current 1075 Richmond Road) (70 m southwest)	Retail Fuel Outlet	28 - Gasoline and Associated Products Storage in Fixed Tanks Listed as Gasoline Service Stations in 1956
993 Richmond Road (145 m northeast of the Site)	Palmers Cleaners (Dry Cleaners)	37 - Operation of Dry Cleaning Equipment (where chemicals are used) Listed as Laundries and Cleaners in 1980
1075 Richmond Road (70 m southwest)	Booth Collision Centre (Automotive Garage)	10 – Commercial Autobody Shops Listed as Motor Vehicle Repair Shop from 1998 to 2005
979 Richmond Road (175 m northeast of the Site)	Tops Car Wash Co. Limited	10 – Commercial Autobody Shops Listed as Motor Vehicle Repair Shops in 2005

[1] Distances relative to the site are approximate and are measured from nearest property boundaries

Given that additional HLUI records are not likely to exist, Terrapex did not request a HLUI record search as part of this study.

A copy of the HLUI map from the Golder report is provided in Appendix VI.

4.2.2.4 Other Documentation

Terrapex reviewed the Source Water Protection Information Atlas compiled by the MECP to determine Wellhead and Intake Protection Zones in the vicinity of the Site. The Study Area does not include a wellhead protection area. However, it is in an intake protection zone, as is most of the region to the south of the Ottawa River (located approximately 225 m north of the Site).

Mapping available on the Rideau Valley Conservation Authority (RVCA) website indicates that the Site is outside the regulated area of a floodplain, valley land, slope or wetland; and, is within the Pinecrest Creek catchment of the Ottawa River West watershed. Accordingly, surface water drainage from the Site (other than what is captured into the municipal storm water sewer system) may ultimately flow to this water body.

4.2.3 Client File Information

The Client has provided Terrapex with a current plan of survey for the site and a current concept plan for future redevelopment (both reproduced in Appendix I). The Client also provided information related to Phase Two ESA work conducted by Golder/WSP. Pertinent information from Golder/WSP' Phase Two ESA will be duplicated and relied upon in any future Phase Two ESA conducted at the Site.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Aerial photographs were selected (based on availability, quality, and scale) for review to identify changes to topographic features, as well as development of the site and surrounding properties within the Phase One Study Area over time. Intervening years from 1946, 1958, 1965, 1976, 1991, 2002, 2011, 2021, and 2024 was considered to be sufficient to permit a reasonable evaluation of the area development and apparent land use history.

The relevant features identified in the aerial photographs are summarized in the table below. It should be noted that identification of some specific features at the Site and surrounding areas was precluded by the scale and resolution of the aerial photographs. Copies of the aerial photographs are included in Appendix VII.

SUMMARY OF AERIAL PHOTOGRAPH IMAGES

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1946	National Air Photo Library	• Generally forested with one building visible along the western property limit	• Richmond Road and New Orchard Avenue are visible to the south and west of the Site, respectively • Rail lines are visible to the north and south of the Site, oriented in an approximate east/west direction. • The lot to the west of New Orchard Avenue is cleared with a series of small structures in a semi circle and a larger building in the southeast portion of the property. • Development in the Study Area appears sparsely residential otherwise.	On-Site • None Off-Site • None

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1958	geoOttawa	• At least three structures are visible on the western portion of the Site. • The remainder appears unchanged (forested).	• The small structures to the west of New Orchard Avenue are no longer visible and the property appears to be covered with small stockpiles / disturbed soil. • A service station is visible further to the southwest along Richmond Road (current 1075 Richmond Road). • Residential development is visible south of Byron Avenue. • No other significant changes since 1946 are visible.	On-Site • None Off-Site • 28 - Gasoline and Associated Products Storage in Fixed Tanks
1965	geoOttawa	• The car dealership, automotive garage and parked cars are visible with the building located on the eastern portion of the Site. However, development appears limited to the building footprint and further west to the property limits (generally the entire Phase One Property)	• The reported carwash is visible to the northeast of the Site just beyond the forested area (current 979 Richmond Road). • A new road is visible to the west of New Orchard Avenue (now Ambleside Drive) and an apartment complex is visible to the north side of the roadway. • It appears that the rail line to the south of the Site has been removed. The area between Richmond Road and Byron Avenue (where the tracks were located) is a greenspace with trees. • No other significant changes since 1958 are noted.	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site • 28 - Gasoline and Associated Products Storage in Fixed Tanks
1976	geoOttawa	• No significant changes on-Site since 1965 although more parked cars are visible.	• The rest of the 1047 Richmond Road property appears to be a finished parking area with parked cars visible. • A larger building is under construction to the northeast of the Site between the Site and the carwash. • Other large residential towers are visible to the western extent of the Study Area. • A building (current seniors' residence) is visible to the north of the Site. • It appears that the rail line to the north of the Site has been removed and the layout along the Ottawa River appears similar to the current layout with the Kichi Zibi Mikan Parkway.	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site • None

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1976 (cont'd)	geoOttawa		• The service station to the west of the Site appears to have been redeveloped as a strip mall. • It appears some infilling has occurred along the shore of the Ottawa River to the north of the Site.	
1991	geoOttawa	• It appears that the northwest portion of the building was expanded • No other significant changes on-Site since 1976.	• The northernmost portion of the Study Area is not visible. • The residential tower to the northeast of the Site has been completed. • No significant changes since 1976.	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site • None
2002	geoOttawa	• No significant changes on-Site since 1991.	• No significant changes on-Site since 1991.	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site • None
2011	geoOttawa	• No significant changes on-Site since 2002.	• There appears to be other structures to the east of the on-Site building (generally located off-Site) • The building to southwest of the Site on the west of New Orchard Avenue has been redeveloped • The building to the northeast of the site (current Ottawa Honda) has been expanded. • No other significant changes on-Site since 2002	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site • None
2021	geoOttawa	• No significant changes on-Site since 2011.	• It appears that construction of the Ottawa LRT tunnel has started to the south of the Site in the area between Richmond Road and Byron Avenue. • No other significant changes on-Site since 2011.	On-Site • 10 – Commercial Autobody Shops • 28 - Gasoline and Associated Products Storage in Fixed Tanks

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
2021 (cont'd)	geoOttawa			Off-Site • None
2024	Google Earth	• On-Site buildings have been demolished, and the Site is vacant.	• No other significant changes on-Site since 2021.	On-Site • None Off-Site • None

Based on a review of the aerial imagery described above, the Study Area was predominantly of rural-residential use prior to being redeveloped for more concentrated residential-use. However, the Site itself was redeveloped for commercial use (as a car dealership with automotive garage) in 1959 and remaining in operation until 2023. Other surrounding properties (generally along Richmond Road) were also developed commercially to service the residential development.

4.3.2 Topography, Hydrology, Geology

A topographic map of the Site and Phase One Study area was obtained from geoOttawa. Geological plans and borehole logs for the Site were also reviewed. A summary of reviewed information is presented in the table below:

SUMMARY OF TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Site & Regional Topography:	The Site is generally flat. No major topographic features are mapped on the Site. The Phase One Study Area slopes uniformly to the north toward the Ottawa River (located approximately 225 m north of the Site)
Approximate Site Elevation:	64 m above sea level (asl).
Surface Water Drainage:	Overland.
Inferred Groundwater Flow Direction:	Based on the topography, the shallow regional groundwater flow is anticipated to be to the northwest. However, periodic changes in the local groundwater flow regime may be affected by dewatering operations in the vicinity of the Site associated with construction activities (e.g., LRT construction).
Physiography and Soil Stratigraphy:	Quaternary geology maps describe the Study Area in an area of undifferentiated, predominantly a sandy silt to silt matrix, commonly rich in clasts, often high in total matrix carbonate content. Surficial geology maps describe the Study Area in an area of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Fluvial terraces (former edges of flood plains) oriented similar to the Ottawa River were noted to the northeast and south of the Site. Meltwater channels were noted to the west and south of the Site similarly oriented to the Ottawa River. Physiography maps describe the Study Area in an area of limestone plains. Bedrock geology is described as limestone, dolostone, shale, arkose, and sandstone of the Ottawa Group; Simcoe Group; and, Shadow Lake Formation
Bedrock and Approximate Depth:	Geotechnical boreholes in the vicinity of the Site describe the drift thickness between 0 and 2 m below ground surface (bgs). Previous assessments at the Site are in general agreement with this observation with some limited location specific variability.

The topographic map is reproduced in Appendix VIII.

4.3.3 Fill Materials

Some fill materials are anticipated at the Site. However, it should be limited to minor quantities of engineered sand/gravel fill used during first development or as backfill in previously excavated areas.

4.3.4 Water Bodies and Areas of Natural Significance

Based on a review of information and records in the preceding sections, a summary of water bodies, areas of natural significance, and groundwater sensitivity information within the Phase One Study Area is provided in the table below.

WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

Surface Water:	The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04. The nearest water body is the Ottawa River situated approximately 225 m to the north of the Site.
Area of Natural Significance:	None at, or within 30 m of the Site.
Wellhead and Intake Protection Areas:	Wellhead protection areas are not located within the Phase One Property, or within the Phase One Study Area. However, the entire Study Area is located in a intake protection area.
Municipal Drinking Water System:	The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system.

4.3.5 Well Records

Based on a review of information provided in Ontario's Water Well Information System (WWIS), accessed December 4, 2024, there are 33 well records in the Phase One Study Area, 20 of which were identified as water supply wells (generally drilled between 1949 and 1954, none of which were on-Site). The other 13 well records were for other purposes (monitoring, observation, testing, etc., generally drilled between 2004 and 2022, nine of which were on-Site).

It should be noted that many wells in the province have been decommissioned or abandoned without appropriate reporting to the MECP; in addition to issues regarding the accuracy of well locations, some MECP database listings pertain to wells that are possibly no longer in use or in existence. The supply well locations are shown on Figure 3.

A summary of relevant water well records with sufficient information on the hydrogeological and geological characteristics of the Phase One Study Area and nearest to the Site are summarized in the table below:

SUMMARY OF SELECTED WATER WELL RECORDS

Well ID/ Tag	Year	Type of Well	Location	General Stratigraphy	Approximate Depth to Water Table (m bgs)
1503902	1949	Household Supply	70 m southeast	Approximately 2.7 m of loam overlying limestone bedrock	9.1 m bgs
1509027	1953	Household Supply	75 m southeast	Approximately 3.0 m of grey clay overlying limestone	6.1 m bgs

Copies of the water well records are provided in Appendix VI.

4.4 SITE OPERATING RECORDS

Site operating records specific to an enhanced investigation property were not made available to Terrapex for review with the exception of a 1960-era as-built set of drawings showing the construction car dealership and automotive garage. A copy of which is provided in Appendix IX.

It should be noted that the drawings do not explicitly note the location address associated with the details depicted in the plans and that some plans note “Carling Avenue”, which may refer to another construction undertaken at the same time.

It is Terrapex’s opinion that some of these drawings may have been generic in nature and Site-specific observations, with respect to identifying PCAs at the Phase One Property, considered the north arrow (for the former building orientation), the property boundary, and the identification of Richmond Road and New Orchard Road to associate the drawing with the actual Phase One Property. As shown in the collection of drawings:

- Sheet 1A shows the building footprint in 1960 with underground water service from Richmond Road; two catch basins to the south of the former building directed to the storm sewer located under New Orchard Road; underground electrical and bell telephone service from a pole at New Orchard Road; and, sanitary and storm sewers directed from the building to sewer lines located in New Orchard Road. No service station and associated USTs were identified to the south of the building (consistent with the FIPs).
- Sheet C1 shows the automotive garage consisted of a six-bay garage with visualiner pit in east-central portion of the garage area. The remainder of the building is slab-on-grade. The associated hydraulic piston is shown in Sheet C2.
- Sheet C2 shows a 1,000 gallon waste oil UST and an interceptor pit (OWS). It is unclear if or where these were located on the Phase One Property. However, the OWS was most likely located within the garage, connected to either the previously noted sanitary or storm sewers seen leaving the garage area in Sheet 1A.

- Sheet EL 1 shows a similar building footprint. However, the north arrow orientation, the property boundary, and the adjoining street do not match the Phase One Property. Although a service station is shown with associated USTs, it is unlikely that this drawing is depicting the Site. This conclusion is also evidenced by observations made in the FIPs and aerial photographs where no evidence of a service station was noted. Further, Sheet EL 1A does appear to depict the Site and no service station is shown.
- Sheet M1 shows a 1,000 gallon waste oil UST outside of the building footprint with a 2" waste oil line leaving the garage area and a vent pipe. No north arrow is shown and the title notes: "First Floor Plan, Carling Ave. Site". Therefore, it is unclear if this drawing depicts the Site. However, the presence of a similar waste oil UST at the Site historically is not unreasonable. Although Sheet M1A is identified as the Richmond Site and does not show a waste oil UST in that same location.
- Sheet M1A shows the sanitary and storm sewer configurations leaving the garage area. However, an OWS is not shown. Again, the presence of an OWS at the Site historically is not unreasonable.
- Project No. 65-119, Sheet 1 (dated 1966) shows the expansion of the asphalt-covered parking area to the east of the Site on the 1047 Richmond Road property with the addition of two catch basins.

What is known about the former layout of the on-site building based on the information included in the various drawings is shown on Figure 2.

5.0 INTERVIEWS

5.1 SITE REPRESENTATIVE

A representative of the property owner with knowledge of the Site was interviewed by Terrapex. Relevant information obtained during the interview is summarized below.

SUMMARY OF SITE-KNOWLEDGEABLE PERSON INTERVIEW

Name and Position of Knowledgeable Person:	Mr. Lee Marlow Development Coordination with Fengate
Interview Date:	July 4, 2024 (via email)
Limitation(s) of Knowledge:	Mr. Marlow has been involved with the Site since 2021
Site History, Use(s):	The client purchased the site in 2022. The car dealership and automotive service garage/body shop operated at the Site until early 2023. The demolition of the former building was conducted in November 2023. It is understood that all infrastructure related to the former building including footings and foundations were removed at the time.
Knowledge of Previous Environmental Reports:	Mr. Marlow was not aware of any previous environmental assessment work conducted at the Site.
Current or Previous Fuel or Chemical Storage:	Mr. Marlow had no knowledge of the previous garage operations.
Knowledge of Spills, Leaks, Discharges:	Mr. Marlow was not aware of any previous spills, leaks or discharges at the Site.

The statements and information provided by Mr. Marlow were consistent with information obtained from other sources as part of the Phase One ESA investigation. No additional information pertaining to the site could be provided.

Specific limitations associated with the interview of the knowledgeable person are provided in Section 3.3.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The reconnaissance of the Site and the Phase One Study Area were conducted by Terrapex staff of Terrapex, as follows:

SITE RECONNAISSANCE PARTICULARS

Date, Time, and Duration of Investigation	Weather Conditions	Guide	Occupant/Use of Facility During the Investigation	Enhanced Investigation Property[1]	Names and Qualifications of Persons Conducting the Investigation
July 12, 2024 2 hr	Sunny 27 ˚C	NA	Vacant	No	Keith Brown, P. Eng.
June 11, 2025 1 hr	Sunny 22 ˚C	NA	Vacant	No	Keith Brown, P. Eng.

[1] *As per clause 32 (1) of O. Reg. 153/04*

Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. During the Site reconnaissance, Terrapex photographed the general Site layout, as well as any specific environmental concerns identified on the site or on surrounding properties within the Phase One Study Area.

Specific limitations encountered during the Site reconnaissance are provided in Section 3.3.

The site location plan is shown on Figure 1. The site layout is shown on Figure 2. Selected photographs including general descriptions are provided in Appendix X.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 Site Description, Structures, and Other Improvements

At the time of the Site visits, the Site was vacant other than some light post and signage related to the former car dealership. The former pole-mounted transformers (APEC 6 as identified by Golder) and associated wooden structure was observed on the west-central portion of the Site. The former four transformers observed by Golder in 2021 had been removed (likely at the time of the building demolition). No significant changes were noted between the 2024 and 2025 site reconnaissance.

6.2.2 Storage Tanks

No above or below grade storage tanks were observed to be present at the Site during the inspection.

6.2.3 Water Sources

It is anticipated that there are no water services at the Site presently following the demolition of the building.

6.2.4 Underground Utilities

It is anticipated that there are no underground utilities at the Site presently as all previous services would have been cut and capped at the time of the building demolition.

6.2.5 Interior Features of Buildings and Structures

The Site is vacant with no structures present.

6.2.6 Exterior Observations

A summary of observations of the exterior features of the Site is provided in the table below.

OBSERVATIONS OF EXTERIOR FEATURES

Feature	Details
Sewage Works	None observed
Oil/Gas or Water Wells	Monitoring wells were observed on-Site and on the remainder of the 1047 Richmond Road property
Ground Surface	Generally flat.
Railway Lines/Spurs	None observed
Stained Soil/ Vegetation/ Pavement	None observed
Stressed Vegetation	None observed
Areas of Fill/Debris	Minor construction fill and backfill.
Potential PCA[1]	None observed
Unidentified Substances	None observed

[1]As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.

6.2.7 Enhanced Investigation Property

The historical use of the Site renders it as an Enhanced Investigation Property. However, the Site has been decommissioned. No operating records were available for review during Site reconnaissance.

6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY

A summary of the observations from reconnaissance of the Phase One Study Area is provided in the table below.

SURROUNDING PROPERTY FEATURES AND OBSERVATIONS

Feature	Approximate Location	Details
Land Use	North	Residential property use (New Orchard Lodge long-term care home), parkland and Kichi Zibi Mikan Parkway beyond, Ottawa River located at approximately 225 m from the Site
	Northeast	Residential and commercial properties (Tim Hortons, Tops Car Wash, Honda car dealership)
	East/Southeast	Richmond Road, LRT tunnel (under construction), Byron Avenue and residential properties beyond
	South	Intersection of Richmond Road and New Orchard Avenue North, LRT tunnel and station (under construction), Byron Avenue and residential properties beyond
	Southwest	New Orchard Avenue North, residential and commercial properties (Ottawa Honda car dealership)
	West	New Orchard Avenue North, suspected hydro vault, residential properties
	Northwest	New Orchard Avenue North, residential properties, parkland and Kichi Zibi Mikan Parkway beyond, Ottawa River located at approximately 225 m from the Site
Water Body	North	Ottawa River located approximately 225 m from the Site
Area(s) of Natural Significance	None	None observed
Municipal Drinking Water System	None	None observed
Well(s) for Consumption/ Agricultural Use	None	None observed
PCA[1]	Northeast	Honda dealership with automotive service garage
	West	Suspected hydro vault
	North	Suspected backup generator with fuel storage

[1]*As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.*

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

The site reconnaissance were conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One Study Area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the site reconnaissance are provided above in Sections 6.2 and 6.3, for the Site and the Phase One Study Area, respectively.

Discussions regarding the identification of PCAs on the Site and on surrounding properties with the Phase One Study Area are provided below in Section 7.2.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The current registered owner of the Site is 1047 Richmond Nominee Inc., which has owned the property since 2022. the Site was transferred between individuals since 1804 for assumed agricultural use, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. A summary of the current and past uses of the property is provided in Table 1 appended to this report.

7.2 POTENTIALLY CONTAMINATING ACTIVITY

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, six PCAs were identified on the Site and 17 PCAs were identified within the Phase One Study Area. Details regarding the PCAs are provided in Table 2 appended to this report. Refer to Figure 4 for the location of the PCAs with respect to the Site and the Phase One Study Area limits.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

An area of potential environmental concern (APEC), as defined in O. Reg. 153/04, is the area on, in, or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One Property and (b) identification of potentially contaminating activity.

A total of seven APECs were identified pertaining to the Site as detailed in Table 3 appended to this report, and shown on Figure 5.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase One Conceptual Site Model (CSM) has been developed based on the findings of the records review, site reconnaissance, and interviews completed to date as described by the foregoing sections of this report. The Phase One CSM consists of the tabulated narrative in Appendix XI and the Figures contained in this report.

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to meet the conditions required to file an RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04. Although it is understood that the filing of an RSC is not required, as a change in property use to a less sensitive condition at the Site, is not being considered.

8.2 RSC BASED AN PHASE ONE ESA ALONE

An RSC could not be filed for the Phase One Property based solely on this Phase One ESA.

8.3 SIGNATURES

This report has been completed in accordance with the terms of reference for this project as agreed upon by Valero Energy Inc. (Client) and Terrapex Environmental Ltd. (Terrapex) and generally accepted engineering or environmental consulting practices in this area.

Terrapex has exercised due care, diligence, and judgement in the performance of this assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the assessment, and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time. Where applicable, observations of nearby properties were limited to areas visible from the site or from publicly accessible areas and vantage points.

Terrapex has relied in good faith on information and representations obtained from the Client and third parties and, except where specifically identified, has made no attempt to verify such information. Terrapex accepts no responsibility for any deficiency or inaccuracy in this report as a result of any misstatement, omission, misrepresentation, or fraudulent act of those providing information. Terrapex shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time of the study.

This report has been prepared for the sole use of Valero Energy Inc. Terrapex accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than Valero Energy Inc.

The objectives and requirements set out in Schedule D of O. Reg. 153/04 have been applied in carrying out this environmental site assessment.

Respectfully submitted,
TERRAPEX ENVIRONMENTAL LTD.

Jason O'Bright, P.Eng.
Project Engineer

Keith Brown, P.Eng.
Senior Project Manager

9.0 REFERENCES

Regulations and Guidelines

Ontario Regulation 153/04, *Records of Site Condition – Part XV.1 of the Act*

Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, Ministry of Environment, Conservation and Parks (MECP). April 15, 2011.

Site Plans:

Plan of Survey*, Part of Lots 24 AND 25, Concession 1 (Ottawa Front), Geographic Township of Nepean, City of Ottawa,* prepared by Annis, O'Sullivan, Vollebekk Ltd., undated.

Concept Plan, Site Plan Phase 1, prepared by RLA Architecture, March 24, 2025.

Property Use Information:

Land Registry and sales history information from Service Ontario Parcel Register, dated April 11, 2025.

Chain of Title provided by Environmental Risk Information Services Ltd. (ERIS).

Fire Insurance Plans available from 1965 to 1994 provided by ERIS through Opta Information Intelligence.

City of Ottawa Directories from s provided by ERIS,.

Environmental Source Information:

MECP documents and databases:

- Federal and Provincial Government and additional private database records, available through ERIS Ltd., for locations within 250 m of the Site boundaries (a full list of databases searched is included in the ERIS Ltd. report)
- Vernon's City Directory, Ontario, Ottawa & Area, various years, 1925 – 2011 ordered through ERIS Ltd.
- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II (April 1987), prepared for MECP by Intera Technologies Ltd. (Intera)
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume I (November 1988), prepared for MECP by Intera
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II (November 1988), prepared for MECP by Intera
- Waste Disposal Site Inventory (June 1991)
- Ontario inventory of PCB storage Sites, (October 1995)
- MECP *Brownfields Environmental Site Registry* website

- Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information and Protection of Privacy Office
- Ontario Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario website
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division
- City of Ottawa Historical Land Use Inventory (HLUI)

Physical Setting Sources

- Aerial photograph/satellite images for the years 1958, 1965, 1976, 1999, 2011, 2022 and 2024 from City of Ottawa Interactive Mapping website (geoOttawa) and Google Earth.
- Topographic Map: National Topographic Systems (NTS), Energy, Mines and Resources Canada, (1:50,000), Atlas of Canada Toporama mapping, available from the Natural Resources Canada website: http://atlas.nrcan.gc.ca/site/english/index.html, updated 2010.
- Ontario Geological Survey map entitled *Surficial Geology of Southern Ontario,* map provided by ERIS.
- Ontario Geological Survey map entitled *Bedrock Geology of Ontario,* map provided by ERIS.
- Ontario Ministry of Agriculture and Food, Ministry of Natural Resources, Soil Survey Complex (ON Soils), Soil Survey Complex (ON Soils), map provided by ERIS.
- Well record information available from ERIS on the Water Well Information System databases and from the MECP Environmental Monitoring and Reporting Branch Water Well Information System, on-line mapping application
- *The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey Special Volume 2* (1984), Chapman and Putnam, map provided by ERIS.

Endangered Species and Habitat Assessment:

Birds Ontario, available at https://www.birdsontario.org/jsp/datasummaries.jsp#results

Atlas of the Mammals of Ontario. Federation of Ontario Naturalists. Dobbyn.J., 1966.

Recovery strategy for the Eastern Prairie Fringed-orchid (Platanthera leucophaea) in Ontario. Ontario Recovery Strategy Series. Eastern Prairie Fringed-orchid Recovery Team (EPFORT). Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. 2010.

Management Plan for the Monarch (Danaus plexippus) in Canada. Species at Risk Act Management Plan Series. Environment and Climate Change Canada, Ottawa. ECCC. 2016.

Fisheries and Oceans Canada (DFO), available at https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html

Recovery Strategy for the Queensnake (Regina septemvittata) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Gillingwater, Scott. D. 2011.

Recovery Strategy for the Little Brown Myotis (Myotis lucifugus), Northern Myotis (Myotis septentrionalis) and Tri-colored Bat (Perimyotis subflavus) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. 2019.

Adoption of the Recovery Strategy for the Little Brown Myotis (Myotis lucifugus), the Northern Myotis (Myotis septentrionalis), and the Tri-colored Bat (Perimyotis subflavus) in Canada (Environment and Climate Change Canada 2018). Humphrey, Christy and Heather Fotherby. 2019.

Vascular Plants at Risk in Ontario. James Leslie. 2018.

Species at risk in Ontario. MECP. 2023. Available from: https://www.ontario.ca/page/species-risk-ontario.

Ministry of Natural Resources and Forestry (MNRF) online Make a Natural Heritage Area Map, available at https://www.lioapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&locale=en-CA

Recovery Strategy for the American Ginseng (Panax quinquefolius) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. Ministry of the Environment, Conservation and Parks. 2019.

Adoption of the Recovery Strategy for American Ginseng (Panax quinquefolius) in Canada. Environment Canada. 2018.

Recovery Strategy for the Blanding's Turtle (Emydoidea blandingii) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. Ministry of the Environment, Conservation and Parks. 2019.

Adoption of the Recovery Strategy for Blanding's Turtle (Emydoidea blandingii), Great Lakes / St. Lawrence population, in Canada. Environment and Climate Change Canada. 2018.

NHIC Species At Risk of Ontario, available at https://inaturalist.ca/projects/nhic-rare-species-of-ontario

Recovery Strategy for the Red Mulberry (Morus rubra) in Ontario. Ontario Recovery Strategy Series. Ontario Ministry of Natural Resources, Peterborough, Ontario. Ontario Ministry of Natural Resources. 2013.

Adoption of the Recovery Strategy for the Red Mulberry (Morus rubra) in Canada. Parks Canada Agency. 2011.

Recovery strategy for the Peregrine Falcon (Falco peregrinus) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Ontario Peregrine Falcon Recovery Team. 2010.

Ontario Reptile and Amphibian Atlas, available at https://www.ontarioinsects.org/herp/

Recovery Strategy for the Butternut (Juglans cinerea) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Poisson, G., and M. Ursic. 2013.

Adoption of the Recovery Strategy for the Butternut (Juglans cinerea) in Canada. Environment Canada. 2010.

Management Plan for the Broad Beech Fern (Phegopteris hexagonoptera) in Ontario. Ontario Management Plan Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. van Overbeeke, J.C., J.V. Jalava and R.H. Donley. 2013.

TABLES

TABLE 1: TABLE OF CURRENT AND PAST USES OF THE PHASE ONE PROPERTY
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to 1804	Crown	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1804-1829	Joseph Boisseau	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1829-1833	Robert Hallowell	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1833-1866	George Baker	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1866-1888	Godfrey Baker	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1888-1889	George Aiken	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1889-1940	John B. Ullett	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • No information available for this time period.
1940-1952	Robert L. Ullett	Undeveloped	Agricultural or Other Use	• Ownership determined through the title search • The 1946 aerial photograph indicated the property was generally forested at the time
1952-1956	Nick Boosamra	Tourist Cabins	Commercial Use	• Ownership determined through the title search • The 1956 FIP showed 12 tourist cabins on the property
1956-1957	Brownlee & McKeown Limited	Tourist Cabins	Commercial Use	• Ownership determined through the title search • The 1956 FIP showed 12 tourist cabins on the property

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1957-1958	Charles A. Brownlee & Patrick McKeown	Tourist Cabins	Commercial Use	• Ownership determined through the title search • The 1956 FIP showed 12 tourist cabins on the property • The 1958 aerial photograph indicated there were building on the property
1958 - 1959	Northern Garage and Holding Limited	Tourist Cabins	Commercial Use	• Ownership determined through the title search • The 1956 FIP showed 12 tourist cabins on the property • The 1958 aerial photograph indicated there were buildings on the property
1959-1971	Chrysler Corporation of Canada	Car Dealership and Automotive Garage	Commercial Use	• Ownership determined through the title search • The 1965 aerial photograph indicated the property had been developed as a car dealership
1971-1982	Parkway Chrysler Plymouth Ltd.	Car Dealership and Automotive Garage	Commercial Use	• Ownership determined through the title search • The 1976 aerial photograph indicated the property had been developed as a car dealership
1982-1990	505432 Ontario Limited Marinter (Ontario) Ltd.	Car Dealership and Automotive Garage	Commercial Use	• Ownership determined through the title search • Property Fire Rating Report indicated continued use as a car dealership with autobody shop
1990-2022	Rimosa Investments Ltd.	Car Dealership and Automotive Garage	Commercial Use	• Ownership determined through the title search • The 1991 aerial photograph indicated the property had been developed as a car dealership
2022-present	1047 Richmond Nominee Inc., 1047 Richmond Investment GP Inc.)	Car Dealership and Automotive Garage	Commercial Use	• Ownership determined through the title search • Information provided by the Client indicates that the car dealership remained in operation until 2023 when the building was demolished. • The property has been vacant since November 2023

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O. Reg. 153/04) that applies:
Agriculture or other use | Commercial use | Community use | Industrial use | Institutional use | Parkland use | Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

TABLE 2: POTENTIALLY CONTAMINATING ACTIVITIES ON, IN OR UNDER THE PHASE ONE PROPERTY AND STUDY AREA

PCA[1]	Potentially Contaminating Activity[2]	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
1	10. Commercial Autobody Shops	1047 Richmond Road (the Site)	Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- Information on the historical operations is limited	APEC 1 (East-Central Portion of the Site)
2	28. Gasoline and Associated Products Storage in Fixed Tanks	East Portion of 1047 Richmond Road (Off-Site)	Waste Oil Storage from Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- No information on the removal of the former UST is available	APEC 2
3	28. Gasoline and Associated Products Storage in Fixed Tanks	1047 Richmond Road (the Site)	Waste Oil Storage from Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- Low	APEC 3
4	39. Paint Manufacturing, Processing and Bulk Storage	1047 Richmond Road (the Site)	Paint Booth from Former Automotive Service Garage	Previous Report	Possible	- Low	APEC 4
5	30. Importation of Fill Material of Unknown Quality	1047 Richmond Road (the Site)	Inferred Fill Material	Previous Report Site Inspection	Possible	- Type and extent of fill material (if any) is unknown	APEC 5 (Entire Site)
6	55. Transformer Manufacturing, Processing and Use	1047 Richmond Road (the Site)	Former Pole Mounted Transformer and Fuse Box	Previous Report Site Inspection	Possible	- Low	APEC 6 (West-Central Portion of the Site)

PCA[1]	Potentially Contaminating Activity[2]	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
7	OT1. Application of De-Icing Salt for Vehicle and Pedestrian Safety	1047 Richmond Road (the Site)	Former Use of Salt to De-Ice the Parkland Lot	N/A	Possible	- Quantity and extent of salt use is unknown	APEC 7 (Entire Site)
8	46. Rail Yards, Tracks and Spurs	85 m north	Former CN Railway Corridor	Aerial Photographs	Unlikely – Down-gradient from the Site	- Low	No
9	28. Gasoline and Associated Products Storage in Fixed Tanks	1075 Richmond Road 70 m southwest	Former Retail Fuel Outlet Automotive Refinishing	FIP (1956) ERIS Report HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
10	10. Commercial Autobody Shops	1075 Richmond Road 70 m southwest	Booth Collision Centre	HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
11	18. Electricity Generation, Transformation and Power Stations	108 New Orchard Avenue 30 m northwest	Former Hydro Sub-Station	FIP	Unlikely – Down-gradient from the Site	- Low	No
12	10. Commercial Autobody Shops	955 Richmond Road 230 m northeast	Ottawa Honda	Aerial Photos City Directories Site Inspection	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No

PCA[1]	Potentially Contaminating Activity[2]	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
13	28. Gasoline and Associated Products Storage in Fixed Tanks	979 Richmond Road 175 m northeast	Tops Car Wash	ERIS Report Aerial Photos City Directories Site Inspection	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
14	10. Commercial Autobody Shops	979 Richmond Road 175 m northeast	Tops Car Wash	HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
15	37. Operation of Dry Cleaning Equipment (where chemicals are used)	993 Richmond Road 145 m northeast	Palmers Cleaners	City Directories HLUI	Unlikely – Distance from the Site and being cross-gradient	- Unclear if dry cleaning occurred on the property or whether it was a depot	No
16	OT2. Spills	1162 Byron Avenue 70 m east	Spill of 200 L furnace oil to floor drain in 1988	ERIS Report	Unlikely – Assumed localized to residence	- Unclear if environmental assessment and/or remediation was conducted	No
17	OT2. Spills	Richmond Road and New Orchard Ave. (Ottawa LRT) 50 m south	Spills of 50 L diesel fuel and 20 L hydraulic oil in 2020 and 2021, respectively	ERIS Report	Unlikely – Assumed localized to LTR tunnel	- Unclear if environmental assessment and/or remediation conducted	No

PCA[1]	Potentially Contaminating Activity[2]	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
18	OT2. Spills	192 Ancaster Avenue 180 m east	Spill of 50 L furnace oil to drain in 2000	ERIS Report	Unlikely – Distance from the Site and assumed localized to residence	- Unclear if environmental assessment and/or remediation conducted	No
19	OT3. Waste Generation	1100 Ambleside Drive 165 m southwest	Generator of oil skimmings and sludges in 2022	ERIS Report	Unlikely - Distance from the Site and assumed localized to residence	- Quantities of waste generated are unknown but assumed to be small quantities for residential property - Waste handling practices are unknown	No
20	OT2. Spills	1068 Richmond Road 190 m southwest	Spill of 30 L hydraulic oil in 2021	ERIS Report	Unlikely - Distance from the Site and assumed localized to residence	- Unclear if environmental assessment and/or remediation conducted	No
21	OT3. Waste Generation	1136 Richmond Road 250 m southwest	Waste Management System	ERIS Report	Unlikely - Distance from the Site and being cross-gradient	- Quantities of waste generated are unknown but assumed to be small quantities for residential property - Waste handling practices are unknown	No

PCA[1]	Potentially Contaminating Activity[2]	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
22	55. Transformer Manufacturing, Processing and Use	1071 Ambleside Drive 25 m west	Hydro Vault	Site Inspection	Unlikely – Located down-gradient from the Site	- Low	No
23	28. Gasoline and Associated Products Storage in Fixed Tanks	99 New Orchard Avenue North 65 m northwest	Suspected Backup Generator with Associated Fuel Storage	Site Inspection	Unlikely - Located down-gradient from the Site	-Fuel storage (location or quantity) could not be confirmed	No

[1] *As shown on Figure 4.*
[2] *As set out in Table 2 in Schedule D of O. Reg. 153/04.*

TABLE 3: TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (On-Site Or Off-Site)	Contaminants Of Potential Concern[3,4]	Media Potentially Impacted (Ground water, Soil, and/or Sediment)
APEC 1	East-central portion of the Site	PCA 1: 10 - Commercial Autobody Shops	On-Site	PHCs BTEX VOCs	Soil & Groundwater
APEC 2	Northern portion of the Site	PCA 2: 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	PHCs BTEX Metals	Groundwater
APEC 3	Northern portion of the Site	PCA 3: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX Metals	Soil & Groundwater
APEC 4	Northeastern portion of the Site	PCA 4: 39 - Paints Manufacturing, Processing and Bulk Storage	On-Site	VOCs PHCs Metals Hydride-Forming Metals ORPs	Soil & Groundwater
APEC 5	Entire Site	PCA 5: 30 - Importation of Fill Material of Unknown Quality	On-Site	PHCs Metals Hydride-Forming Metals ORPs	Soil
APEC 6	West-central portion of the Site	PCA 6: 55 - Transformer Manufacturing, Processing and Use	On-Site	PHCs PCBs	Soil
APEC 7	Entire Site	PCA 7: Other - De-icing Activities	On-Site	SAR EC Na Cl	Soil & Groundwater

1 - Areas of potential environmental concern means the area on, in or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through,

(a) identification of past or present uses on, in or under the Phase One Property, and

(b) identification of potentially contaminating activity.

2 - Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One study area.
3 - When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011 and as of February 19, 2021, as specified below:

List of Method Groups:

ABNs	*Dioxins/Furans, PCDDs/PCDFs*	*PCBs*	*VOCs*	*Metals*	*B- HWS*	*EC*	*Methyl Mercury*
CPs	*OCs*	*PAHs*	*BTEX*	*As, Sb, Se*	*Cl^-*	*Cr (VI)*	*Low or high pH*
1,4-Dioxane	*PHCs*	*THMs*	*Bromomethane*	*Na*	*CN^-*	*Hg*	*SAR*

4 - Where an identified contaminant of potential concern is not listed in the table that sets out the applicable site conditions standards in the Soil, Ground Water and Sediment Standards for which sampling and analysis is performed and is associated with potentially contaminating activity, the qualified person is referred to Subsection 43(3) of the Regulation.
5 - When submitting a record of site condition for filing, a copy of this table must be attached.

FIGURES

LEGEND

SITE BOUNDARY

DATA SOURCE: ESRI
MAP PROJECTION: NAD 1983 UTM Zone 18N

CLIENT: FENGATE

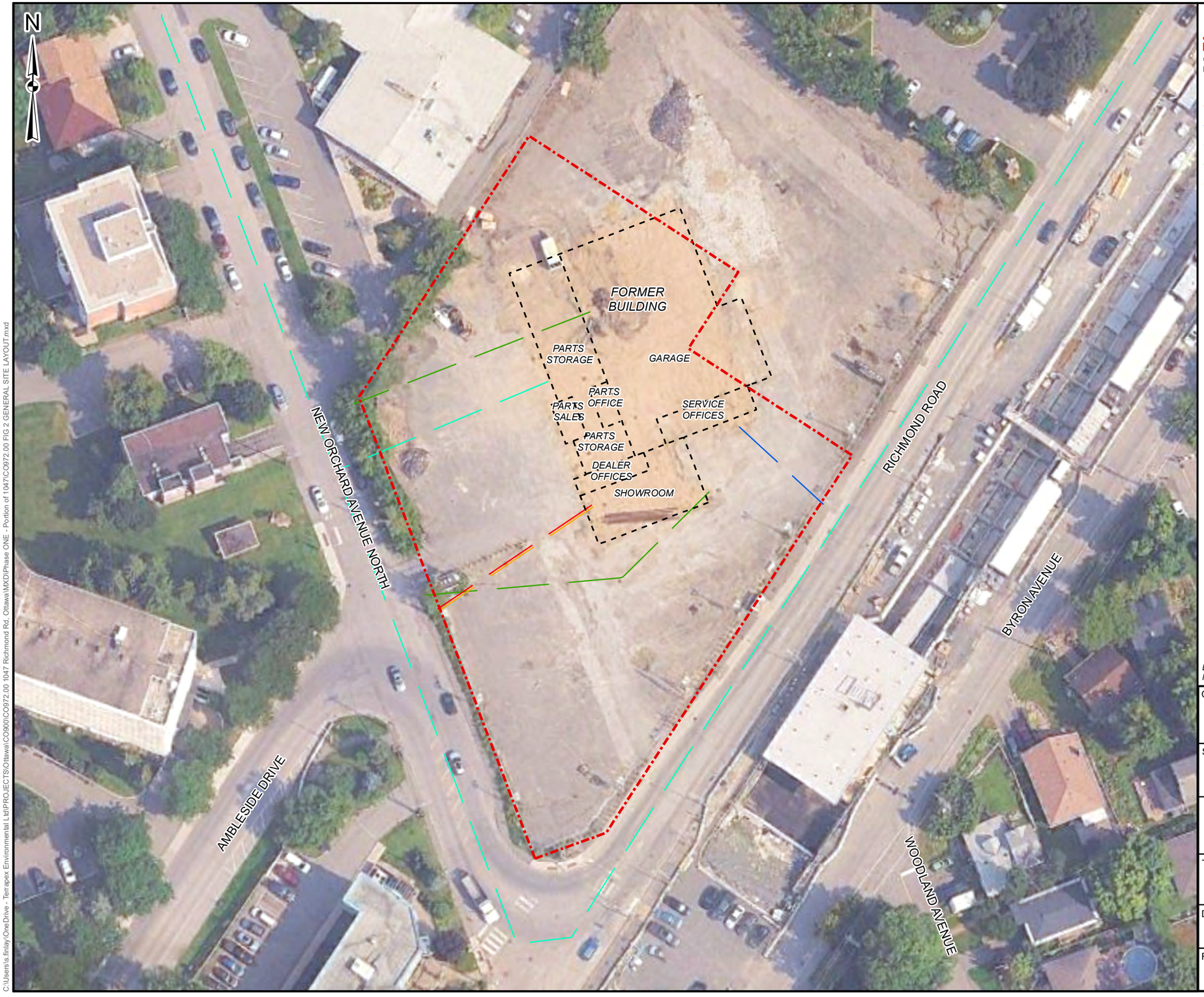
SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
SITE LOCATION

DRAWN BY: JS	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: APRIL 2025	**FIGURE: 1**

sfinlay C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG 1 SITE LOCATION.mxd



LEGEND

- SITE BOUNDARY
- FORMER BUILING

UNDERGROUND UTILITES

- ELECTRICAL
- WATER
- SANITARY SEWER
- STORM SEWER
- COMMUNICATION

NOTE: BUILDING DEMOLISHED IN NOVEMBER 2023

0 10 20 30 40
Metres

DATA SOURCE: GOOGLE EARTH
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
GENERAL SITE LAYOUT

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SW/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **2**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG 2 GENERAL SITE LAYOUT.mxd

LEGEND

- SITE BOUNDARY
- MECP WATER WELL RECORDS - WATER SUPPLY
- MECP WATER WELL RECORDS

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
PHASE ONE STUDY AREA AND SURROUNDING LAND USES

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION:	DATE:	FIGURE:
00	APRIL 2025	**3**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\WKD\Phase ONE - Portion of 1047\CO972.00 FIG 3 STUDY AREA.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA
- TANKS

CONTRIB_APEC

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC
- OFF-SITE PCA NOT LEADING TO APEC

POTENTIALLY CONTAMINATING ACTIVITY TYPES

10. COMMERCIAL AUTOBODY SHOPS
18. ELECTRICITY GENERATION, TRANSFORMATION AND POWER STATIONS
28. GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
30. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
37. OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)
39. PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE
46. RAIL YARDS, TRACKS AND SPURS
55. TRANSFORMER MANUFACTURING, PROCESSING AND USE
OT1. OTHER - APPLICATION OF DE-ICING SALT
OT2. OTHER - SPILLS
OT3. OTHER - WASTE GENERATION

NOTE:

- PCA ID (PCA TYPE)

REFER TO THE REPORT FOR ADDITIONAL DETAILS.

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
CONCEPTUAL SITE MODEL AND POTENITALLY CONTAMINATING ACTIVITIES

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: JULY 2025	FIGURE: **4**

JSerroul \ C:\Users\JSerroul\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\CO972.00 Phase ONE ESA.aprx

LEGEND

- SITE BOUNDARY
- EXTERIOR AST
- FORMER UST

POTENTIALLY CONTAMINATING ACTIVITIES

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC

AREA OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC-1
- APEC-2
- APEC-3
- APEC-4
- APEC-5,7 (ENTIRE SITE)
- APEC-6

APEC	PCA ID	PCA TYPE	DESCRIPTION
1	1	10	COMMERCIAL AUTOBODY SHOPS
2	2	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
3	3	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
4	4	39	PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE
5	5	30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
6	6	55	TRANSFORMER MANUFACTURING, PROCESSING AND USE
7	7	OT1	APPLICATION OF DE-ICING SALT

0 10 20 30
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE: **CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: JULY 2025	FIGURE: **5**

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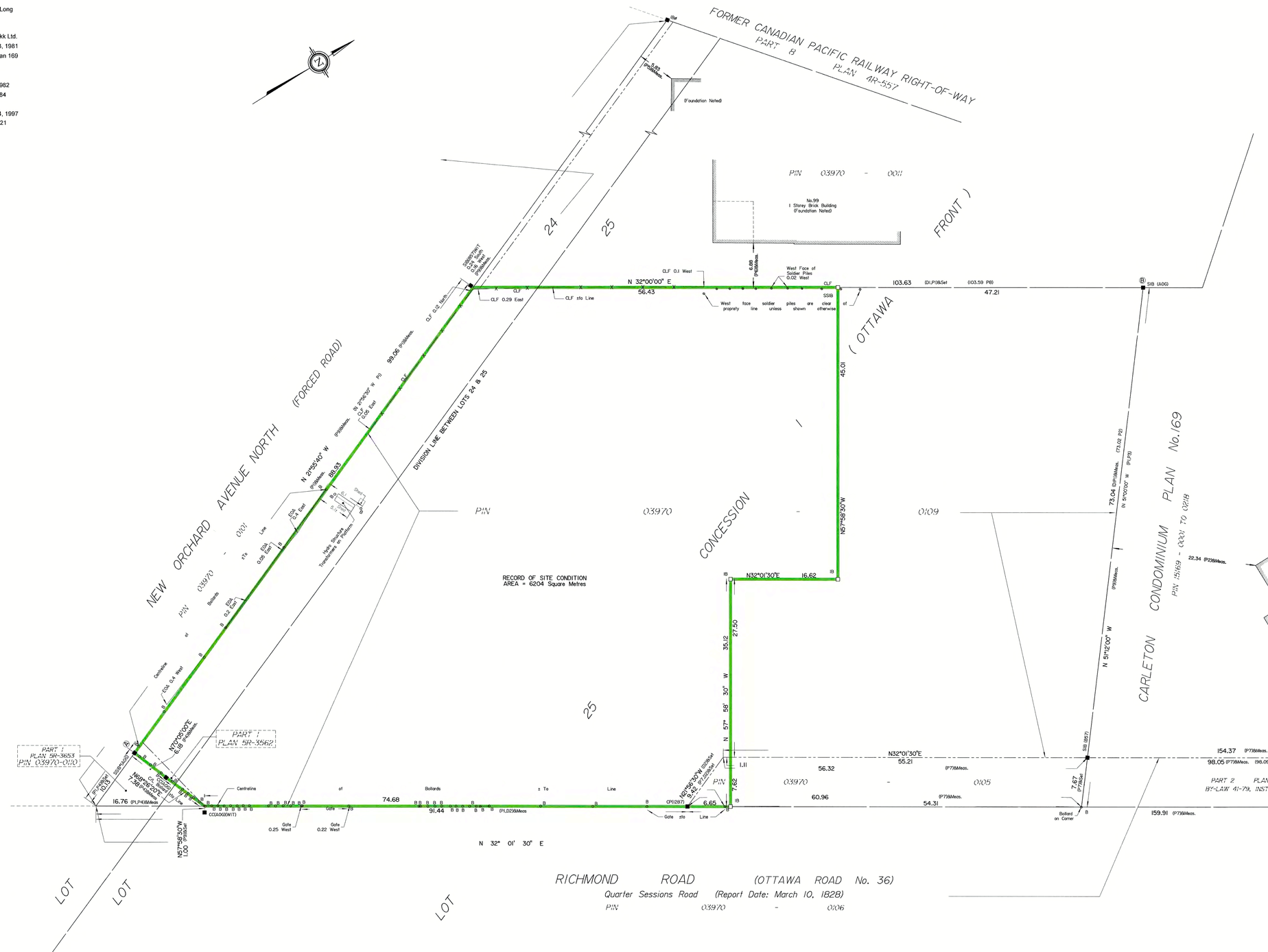
APPENDIX I
PLAN OF SURVEY

Notes & Legend

	Denotes	
—□—	"	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
IB	"	Iron Bar
IBø	"	Round Iron Bar
CC	"	Cut Cross
CP	"	Concrete Pin
•	"	Survey Monument 0.30m Long
(WIT)	"	Witness
Meas.	"	Measured
(AOG)	"	Annis, O'Sullivan, Vollebekk Ltd.
(P1)	"	(AOG) Plan September 23, 1981
(P2)	"	Carleton Condominium Plan 169
(P3)	"	Plan 4R-31800
(P4)	"	Plan 5R-3653
(P5)	"	(647) Plan February 25, 1982
(P6)	"	(857) Plan February 7, 1984
(P7)	"	Plan 4R-1218
(P8)	"	(1287) Plan September 24, 1997
(P9)	"	(AOG) Plan October 1, 2021
(D1)	"	Inst. N545545
(D2)	"	Inst. N705245
○ B	"	Bollard
EOA	"	Edge of Asphalt
CLF	"	Chain Link Fence
C/L	"	Centreline



PLAN OF SURVEY OF PART OF PINS 03970-0109 AND 03970-0105

PART OF LOTS 24 AND 25 CONCESSION 1 (OTTAWA FRONT) GEOGRAPHIC TOWNSHIP OF NEPEAN CITY OF OTTAWA

Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

Scale 1 : 300

12 9 6 3 0 6 12 Metres

Metric

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

Surveyor's Certificate

I CERTIFY THAT :

1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the regulations made under them.
2. The survey was completed on the 31th day of July, 2025.

August 6, 2025 — Date

E. H. Herweyer — Ontario Land Surveyor

Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.999982.

Bearings are grid, derived from Can-Net 2016 Real Time Network GPS observations on reference points A and B, shown hereon, and are referenced to Specified Control Points 01919680005 and 01919750705, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

For bearing comparisons, a rotation of 0°01'00" counter-clockwise was applied to bearings on P1,P4 & P5.
For bearing comparisons, a rotation of 0°19'10" counter-clockwise was applied to bearings on P6.
For bearing comparisons, a rotation of 0°17'30" counter-clockwise was applied to bearings on D2.
For bearing comparisons, a rotation of 0°01'30" counter-clockwise was applied to bearings on P2 & P7.
Coordinates are derived from Can-Net 2016 Real Time Network GPS observations referenced to Specified Control Points 01919680005 and 01919750705, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.

. 01919680005	Northing	5027191.26	Easting	361496.76
. 01919750705	Northing	5016816.93	Easting	360806.84
. Point A	Northing	5026244.63	Easting	361291.21
. Point B	Northing	5026415.03	Easting	361312.91

Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on this plan.

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V-110891

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR In accordance with Regulation 1026, Section 29 (3).

NOTE:

The illustrated surveyed limits are defined in the P1ESA (Phase one environmental site assessment), P2ESA (Phase two environmental site assessment) and RSC (Record of site condition); Part of PINS 03970-0109 and 03970-0105 are not included in this plan.

= Limit of the survey

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ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
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Nepean, Ont. K2E 7S6
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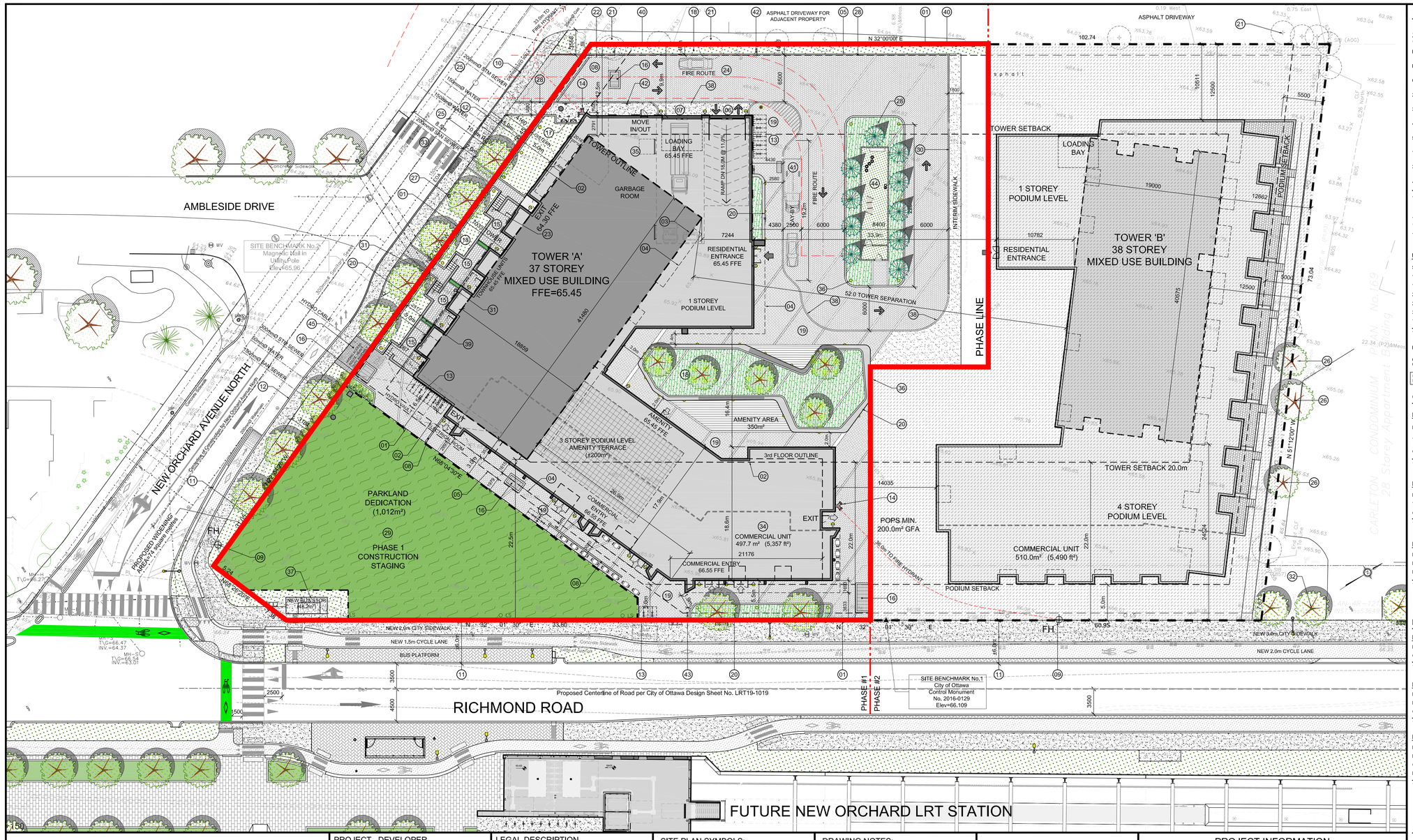
Email: Nepean@annisott.com

Ontario Land Surveyors

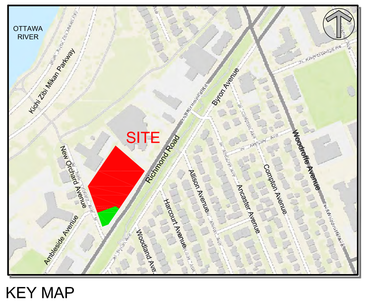
Job No. 21985-21 FengateDvlpmnt PrtLts24_25_Conl OF 0 (RSC) F.DG

Y:\2021\21985-21_Fengate Developments_Ltd\7 Richmond Rd_TOPO_EXPANALYSIS\21-21985-21 FengateDvlpmnt PrtLts24 25 Conl OF 0 (RSC) F.dwg



1 SP-2 SITE PLAN
SCALE = 1 : 250

0m 5 10 20
SCALE 1: 250



KEY MAP

PROJECT DEVELOPER

FENGATE Asset Management
77 King Street West, Suite 3410
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Tel: (613) 546-3146
Cell: (416) 543-8005
E-Mail: Corina.Sajewski@fengate.com
E-Mail: Lee.Marlowe@fengate.com

URBAN PLANNER

Fotenn Consulting
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Ottawa, ON K2P 2H7
Tel: (613) 730-5709
E-Mail: dallarosa@fotenn.com
E-Mail: simpson@fotenn.com

CIVIL ENGINEER

Egis Group
115 Walgreen Road
Ottawa, ON K0A 1L0
Tel: (613) 836-2184
Fax: (613) 836-3742
Email: Alison.GOSLING@egis-group.com

WIND / SOUND ENDINEER

Gradient Wind
127 Walgreen Road,
Ottawa, ON, Canada K0A 1L0
Tel.:(613) 836-0934 ext. 116
Cell: (613) 266-5273
E-Mail: joshua.foster@gradientwind.com

LEGAL DESCRIPTION

TOPOGRAPHICAL PLAN OF SURVEY OF
PART OF PIN 03970-0109 AND ALL OF PIN 03970-0105

PART OF LOTS 24 AND 25
CONCESSION 1 (OTTAWA FRONT)
GEOGRAPHIC TOWNSHIP OF NEPEAN
CITY OF OTTAWA
Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

LANDSCAPE ARCHITECT

Studio TLA
20 Champlain Boulevard, Suite 102
Toronto, ON M3H 2Z1,
Tel: (416) 638-4911
E-Mail: lbitar@studiotla.ca

TRANSPORTATION ENGINEER

Parsons
1223 Michael Street, Suite 100,
Ottawa, ON K1J 7T2
Tel: (613) 601-1528
Cell: (343) 996-5362
Email: Austin.Shih@parsons.com

GEOTECHNICAL ENGINEER

Golder Associates Ltd.
1931 Roberson Road
Ottawa, Ontario K2H5B7
Tel.:613 592 9600
E-Mail: _____

SITE PLAN SYMBOLS:

- SOFT LANDSCAPE PLANTING
- PARKLAND DEDICATION
- CONCRETE PAVERS, SEE LANDSCAPE DRAWINGS
- PAVERS @ TERRACE LEVEL
- CONCRETE UNIT PAVERS ON DRIVEWAY
- CITY SIDEWALK
- BIKE RACK
- MAIN ENTRANCE DOOR
- COMMERCIAL / EXIT DOOR
- PROPOSED SITE LIGHTING
- VEHICULAR DIRECTION
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
- SIAMESE CONNECTION
- FH FIRE HYDRANT

NOTE:
SEE LANDSCAPE FOR ALL SURFACE MATERIAL AND PATTERN

DRAWING NOTES:

1. PROPERTY LINE
2. BUILDING / TOWER SETBACK LINE
3. OUTLINE OF TOWER
4. LINE OF BALCONIES / CANOPY ABOVE
5. LINE OF PARKING GARAGE BELOW
6. ENTRANCE TO GARAGE RAMP
7. ENTRANCE TO LOADING BAY
8. TRENCH DRAIN
9. RELOCATED EXISTING FIRE HYDRANT
10. DEPRESSED STREET CURB & SIDEWALK, CONTINUOUS AND DEPRESSED @ DRIVEWAY
11. PROPOSED CITY ROAD AND BOULEVARD AS PER PHASE 2 CONFEDERATION LINE WORK
12. CITY CURB, SIDEWALK & GRASSED BOULEVARD
13. BICYCLE RACKS, SEE LANDSCAPE PLAN FOR TYPE
14. SIAMESE CONNECTION
15. PRIVATE PATIO FOR GROUND FLOOR UNITS WITH PRIVACY RAILING, HT, VARIES
16. INTAKE / EXHAUST GRATE
17. GAS PRESSURE RELEASE STATION
18. SOFT LANDSCAPING
19. HARD SURFACE LANDSCAPED AREA
20. RAISED PLANT BED , SEE LANDSCAPE
21. EXISTING TREE TO BE REMOVED
22. CISTERN SEE CIVIL AND MECHANICAL FOR DETAILS
23. EXTERIOR STEPS WITH HANDRAILS AS REQUIRED
24. 6.0 METRE WIDE FIRE ROUTE
25. PROPOSED SERVICES, SEE CIVIL
26. EXISTING TREE TO REMAIN
27. EXISTING UTILITY / LIGHT POLE
28. 150mm HT, BARRIER CURB
29. PROPOSED PARKLAND DEDICATION
30. INTERIM CONCRETE CURB AND SIDEWALK
31. EXISTING UTILITY / LIGHT POLE TO BE REMOVED
32. TREES AS PER PHASE 2 CONFEDERATION LINE WORK
33. EXISTING PEDESTRIAN CROSSWALK
34. GROUND FLOOR COMMERCIAL UNIT
35. GROUND FLOOR GARBAGE ROOM
36. SITE LIGHTING - SEE ELECTRICAL SITE PLAN
37. BUS STOP AS PER PHASE 2 CONFEDERATION LINE WORK
38. CONCRETE WALK / CURB: DEPRESSED / MOUNTABLE
39. 1.2m HT. METAL PLANTER WITH PRIVACY SCREEN
40. REMOVE EXISTING CHAIN LINK FENCE ON PROPERTY LINE AND REPLACED WITH 2.1m HT. SOLID WOOD FENCE
41. ACCESSIBLE PASSENGER LOADING AREA WITH TWSI
42. SIGNAGE: FIRE ROUTE, NO PARKING, LOADING, ECT.
43. COMMUNAL BIKE REPAIR STATION
44. FENCED IN DOG RELIEF AREA
45. HYDRO ACCESS ROUTE, HEAVY DUTY INSULATION AND PAVERS REQUIRED

PROJECT INFORMATION

Zoning By-law 2008-250 Consolidation TM[2494] H(127) SITE AREA 0.9 ha. 9,104.0 sq. m 97,995 sq. ft.

ZONING	REQUIRED	PROVIDED
BUILDING HEIGHT - PODIUM	4 STOREY / 15.0m	3 STOREY / 11.0m
BUILDING HEIGHT - TOWER 'A' WEST	40 STOREY / 127.0m	37 STOREY / 113.0m
BUILDING HEIGHT - TOWER 'B' EAST - PHASE 2	38 STOREY / 121.0m	STOREY / ___.0m
GRADE (GEODETIC ELEVATION - ASL)	65.50m ASL	65.50m ASL
DENSITY - FSI	6.3 (57,355.2m²)	2.44 (22,149.4m²)
TOWER FLOOR PLATE - GFA	750.0m²	636.1m²
PRIVATELY OWNER PUBLIC SPACE (POPS); MIN. 200.0m²	200.0m²	0.0m²
NON-RESIDENTIAL SPACE AT GRADE: MIN. 1,000.0m²	1,000.0m²	502.5m²
FRONT, CORNER & INTERIOR YARD SETBACK (PODIUM)	5.0m	5.0m
ABUTTING PARK SETBACK (PODIUM)	3.0m	4.5m
FRONT YARD SETBACK (TOWER)	22.0m	22.5m
REAR & INTERIOR YARD SETBACK (TOWER)	12.5m	12.5m
INTERIOR YARD SETBACK (TOWER)	12.5m	n/a
CORNER SIDE YARD SETBACK (TOWER)	7.0m	7.0m
ABUTTING PARK SETBACK (TOWER)	6.5m	6.5m
TOWER SEPARATION (SAME LOT)	25.0m	52.0m
AMENITY AREA - TOTAL 6.0m² PER UNIT; 425 UNITS	2,550.0m²	4,413.0m²
AMENITY AREA - 50% COMMUNAL PER UNIT	1,275.0m²	1,813.0m²
VEHICLE PARKING; RESIDENTIAL - AREA "Z" NOT REQUIRED	0	189
VEHICLE PARKING; VISITOR - 0.1 PER UNIT AFTER 12 UNITS (MAX. 30 PER BLDG.)	30	30
VEHICLE PARKING; COMMERCIAL - AREA "Z" NOT REQUIRED	0	35
BICYCLE PARKING - RESIDENTIAL - 0.5 PER UNIT	213	223
BICYCLE PARKING - COMMERCIAL - 1.0 PER 250m² GFA	3	18
AISLE & DRIVEWAY MINIMUM / MAXIMUM WIDTH	6.0m / 6.7m	6.0m / 6.7m

BUILDING STATISTICS

GROSS BUILDING - AREA (CITY OF OTTAWA'S DEFINITION) PHASE 1 - TOWER 'A'

P2 PARKING LEVEL		0.0 sq. m, 0 sq. ft,
P2 PARKING LEVEL		0.0 sq. m, 0 sq. ft,
GROUND FLOOR		711.5 sq. m, 7,659 sq. ft,
2nd FLOOR		708.7 sq. m, 7,628 sq. ft,
3rd FLOOR		1,277.3 sq. m, 13,749 sq. ft,
4th FLOOR - AMENITY LEVEL		0.0 sq. m, 0 sq. ft,
5th - 14th FLOOR	10 x 626.82 sq. m, 10 x 6,747 sq. ft.	6,268.2 sq. m, 67,470 sq. ft,
15th - 35th FLOOR	21 x 626.82 sq. m, 21 x 6,747 sq. ft.	13,163.2 sq. m, 141,687 sq. ft,
36th FLOOR - RESIDENTIAL / AMENITY		501.1 sq. m, 5,394 sq. ft,
AMENITY / MECHANICAL PENTHOUSE		0 sq. m, 000 sq. ft,
TOTAL AREA		22,630.0 sq. m, 243,587 sq. ft,
TOWER FLOOR PLATE (AS DEFINED IN ZONING EXCEPTION 2494)		636.1 sq. m, 6,847 sq. ft,
TOWER BALCONY PROJECTIONS		79.0 sq. m, 850 sq. ft,

UNIT STATISTICS

STUDIO UNIT	10.2%	43
1 BEDROOM UNIT	41.1%	174
1 BEDROOM + DEN UNIT	17.7%	75
2 BEDROOM UNIT	18.2%	77
2 BEDROOM + DEN UNIT	10.6%	45
3 BEDROOM UNIT	1.2%	5
TOWNHOUSE UNIT - 3 BEDROOM	0.9%	4
TOTAL	100%	425
RESIDENTIAL AREA		22,149.4 sq. m, 238,414 sq. ft,
COMMERCIAL AREA (CITY OF OTTAWA'S DEFINITION)		502.5 sq. m, 5,409 sq. ft,
COMMERCIAL AREA (BOMA LEASABLE AREA DEFINITION - NOTED ON FLOOR PLAN		523.8 sq. m, 5,735 sq. ft,

CAR PARKING

REQUIRED by ZONING BY-LAW

RESIDENCE	- AREA 'Z' NONE REQUIRED	0
VISITOR	- 0.1 PER DWELLING UNIT (MAX. 30 PER BLDG.)	30
COMMERCIAL	- AREA 'Z' NONE REQUIRED	0
TOTAL		30

PROVIDED

RESIDENCE	- 0.447 PER UNIT	189
VISITOR	- 0.071 PER UNIT	30
COMMERCIAL		35
TOTAL		254

LOCATION

P2 U/G PARKING LEVEL	132
P1 U/G PARKING LEVEL	122
EXTERIOR AT GRADE	0
TOTAL	254

BICYCLE PARKING

REQUIRED

RESIDENCE	- 0.5 PER UNIT	213
COMMERCIAL	- 1.0 PER 250m² OF G.F.A.	3
TOTAL		215

PROVIDED

RESIDENCE - INTERIOR	- 0.5 PER UNIT	213
RESIDENCE - EXTERIOR		10
COMMERCIAL		18
TOTAL		241

LOCATION

P2 U/G PARKING LEVEL	0
P1 U/G PARKING LEVEL	213
GROUND FLOOR	0
EXTERIOR AT GRADE	28
TOTAL	241

AMENITY SPACE

GROUND FLOOR COMMUNAL EXTERIOR =	350.0 sq. m,
GROUND FLOOR COMMUNAL INTERIOR =	200.0 sq. m,
4th FLOOR COMMUNAL INTERIOR =	590.0 sq. m,
4th FLOOR COMMUNAL TERRACE =	200.0 sq. m,
36th FLOOR COMMUNAL INTERIOR =	208.0 sq. m,
37th FLOOR COMMUNAL INTERIOR =	265.0 sq. m,
PRIVATE BALCONIES =	2,520.0 sq. m,
PRIVATE TERRACE =	80.0 sq. m,
TOTAL =	4,413.0 sq. m,
TOTAL COMMUNAL =	1,813.0 sq. m,
REQUIRED - 6.0m² PER UNIT (425) =	2,550.0 sq. m,
REQUIRED COMMUNAL @ 50% =	1,275.0 sq. m,

WASTE REQUIREMENT

GARBAGE - COMPACTED	- 0.053 PER UNIT	23 YARDS
RECYCLING GMP	- 0.018 PER UNIT	8 YARDS
RECYCLING FIBER	- 0.038 PER UNIT	16 YARDS
COMPOST	- 240L PER 50 UNITS	9

LOT COVERAGE

PHASE 2 LANDS	4,004.1 sq. m.	44.16%
POPS (ALL IN PHASE 2)	0.0 sq. m.	0%
PAVED SURFACE	983.3 sq. m.	10.84%
TOWER 'A' FOOTPRINT	2,121.2 sq. m.	23.39%
LANDSCAPE OPEN SPACE	1,959.2 sq. m.	21.61%
TOTAL	9,067.8 sq. m.	100.0%
PARKLAND DEDICATION	1,000.0 sq. m.	
NEW ORCHARD ROW	74.0 sq. m.	
BUS STOP	48.2 sq. m.	
TOTAL	1,122.2 sq. m.	
TOTAL - PRE DEVELOPMENT AREA	10,190.0 sq. m.	

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND TO REPORT ALL ERRORS AND/OR OMISSIONS TO THE ARCHITECT.

ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BY-LAWS.

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DO NOT SCALE DRAWINGS.

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NOTATION SYMBOLS:

- (00) INDICATES DRAWING NOTES, LISTED ON EACH SHEET.
- (00) INDICATES ASSEMBLIE TYPE; REFER TO TYPICAL ASSEMBLIES SCHEDUAL.
- (00) INDICATES WINDOW TYPE; REFER TO WINDOW ELEVATIONS AND DETAILS ON A900 SERIES.
- (000) INDICATES DOOR TYPE; REFER TO DOOR SCHEDULE AND DETAILS ON A900 SERIES.
- 00 / 00 — DETAIL NUMBER / TITLE / SCALE / DETAIL REFERENCE PAGE / DETAIL CROSS REFERENCE PAGE

No.	DESCRIPTION	DATE
12	ISSUED FOR BUILDING PERMIT	Mar, 24, 25
11	ISSUED FOR CONSULTANT REVIEW	Mar, 05, 25
10	ISSUED FOR PAGE TURN REVIEW	Jan, 22, 25
9	ISSUED FOR ROUND 1 COMMENT RESPONSE	Dec, 13, 24
8	ISSUED FOR OWNER / CONSULTANT REVIEW	Nov, 26, 24
7	ISSUED FOR SPC APPLICATION	Sept, 03, 24
6	ISSUED FOR OWNER / CONSULTANT REVIEW	Aug, 28, 24
5	ISSUED FOR UDRP PRESENTATION	Aug, 02, 24
4	ISSUED FOR OWNER / CONSULTANT REVIEW	July 12, 24
3	ISSUED FOR PRE-CONSULT PHASE 1 - ADDITIONAL INFO. PACKAGE	June 10, 24
2	ISSUED FOR PRE-CONSULT APPLICATION	Apr, 26, 24
1	ISSUED FOR OWNER REVIEW	Apr, 11, 24

REVISIONS:

ARCHITECT SEAL: ONTARIO ASSOCIATION OF ARCHITECTS — RICHARD REID LICENCE 8667 — SEAL DATE: STAMP DATE

NORTH ARROW:

CLIENT:
FENGATE Asset Management
1047 Richmond Investment GP Inc.

ARCHITECT:
rla/architecture
roderick lahey architect inc.
56 beech street, ottawa, ontario K1S 3J6
t 613.724.9932 f. 613.724.1209 rlaarchitecture.ca

PROJECT TITLE:
1047 RICHMOND ROAD
OTTAWA ONTARIO

SHEET TITLE:
SITE PLAN
PHASE 1

DRAWN: R.V. | CHECKED: R.V.
SCALE: 1:250
PROJECT No. 2404
SHEET No. SP-1

D07-12-24-0104

DWG # 19186

APPENDIX II
FIRE INSURANCE PRODUCTS

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An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

1047 Richmond Road Ottawa Ont

Project No:

21083000552

Opta Order ID:

95490

Requested by:

Eleanor Goolab
ERIS

Date Completed:

9/9/2021 12:32:03 PM

Project Name: 1047 Richmond Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Search Area: 1047 Richmond Road Ottawa Ont

Requested by:
Eleanor Goolab
Date Completed: 09/09/2021 12:32:03

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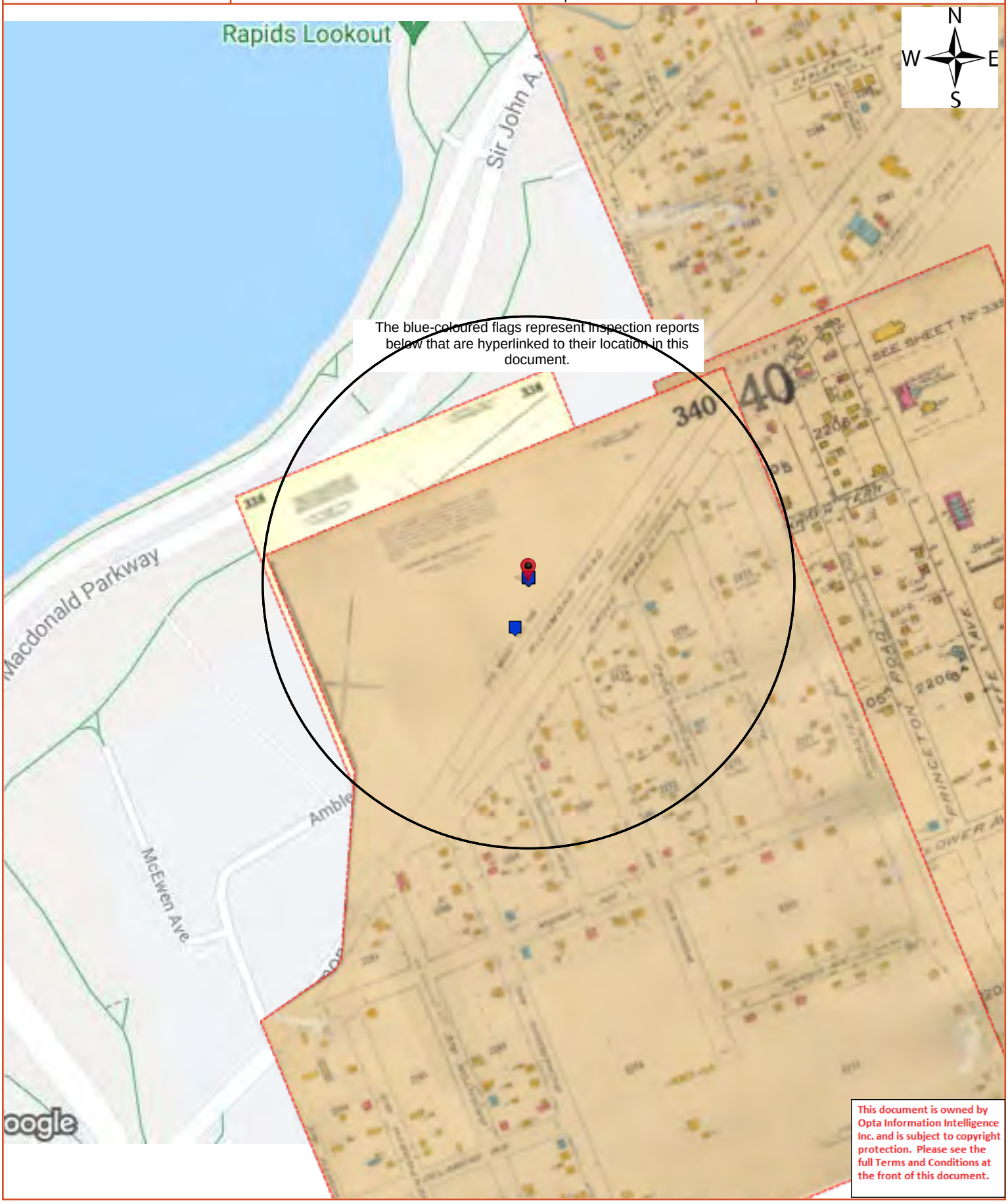

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Entire Agreement

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

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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.

ENVIROSCAN Report

Report Index

Requested by:
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Page	Report Title
6	(1965) Volume: Ottawa Volume 3 Firemap: 338
8	Volume: Ottawa Firemap: 339
10	Volume: Ottawa Firemap: 340
12	Volume: Ottawa Firemap: 340
13	(1994) Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262 (distance = 98 metres*)
25	(1976) Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
27	(1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
31	(1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
35	(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)

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Project Name: 1047 Richmond Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

1965 Volume: Ottawa 3 Firemap: 338
Ottawa Volume 3 Plan: 1451 (1956)
Sheet: 338 (1965)

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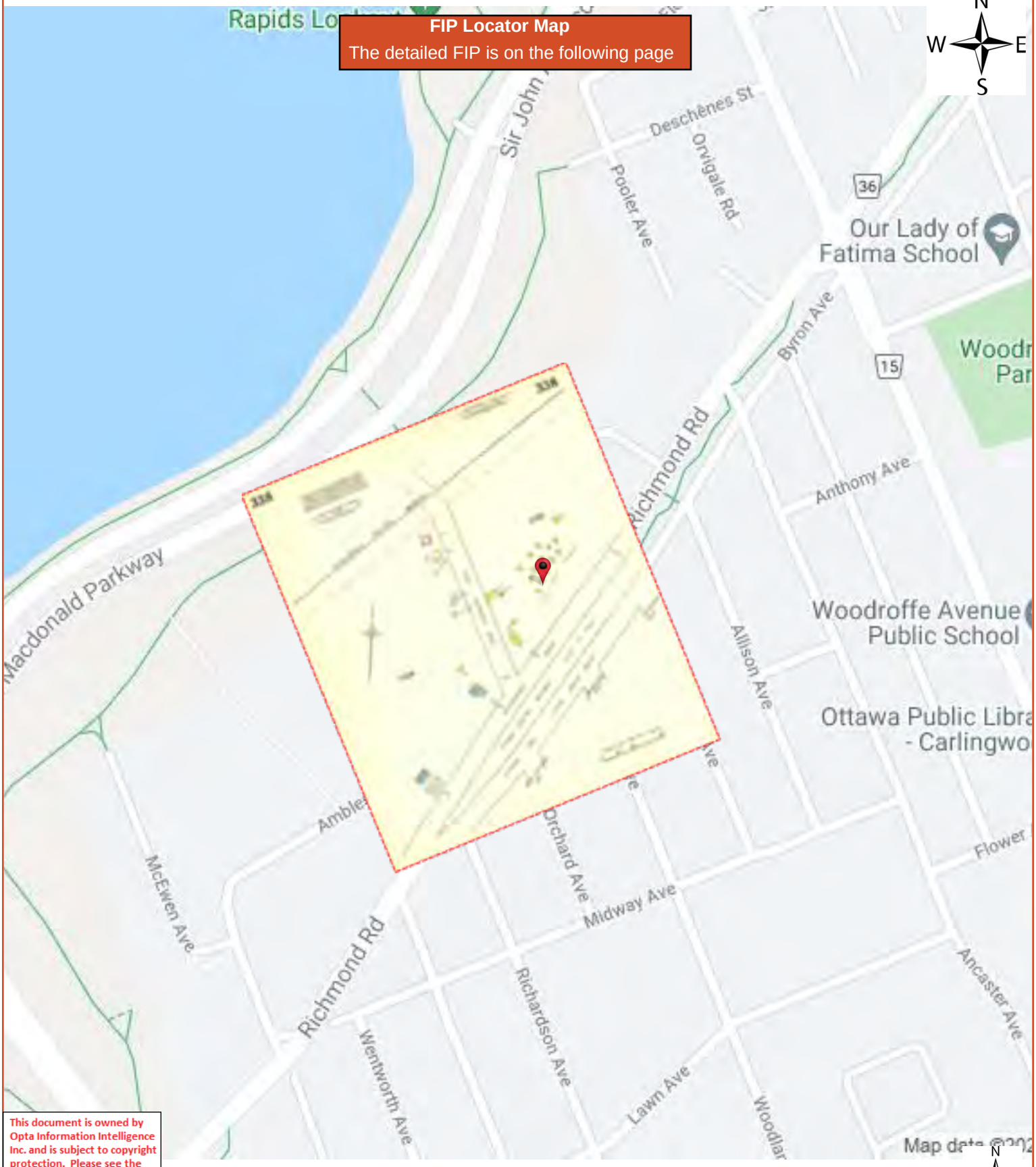
The detailed FIP is on the following page



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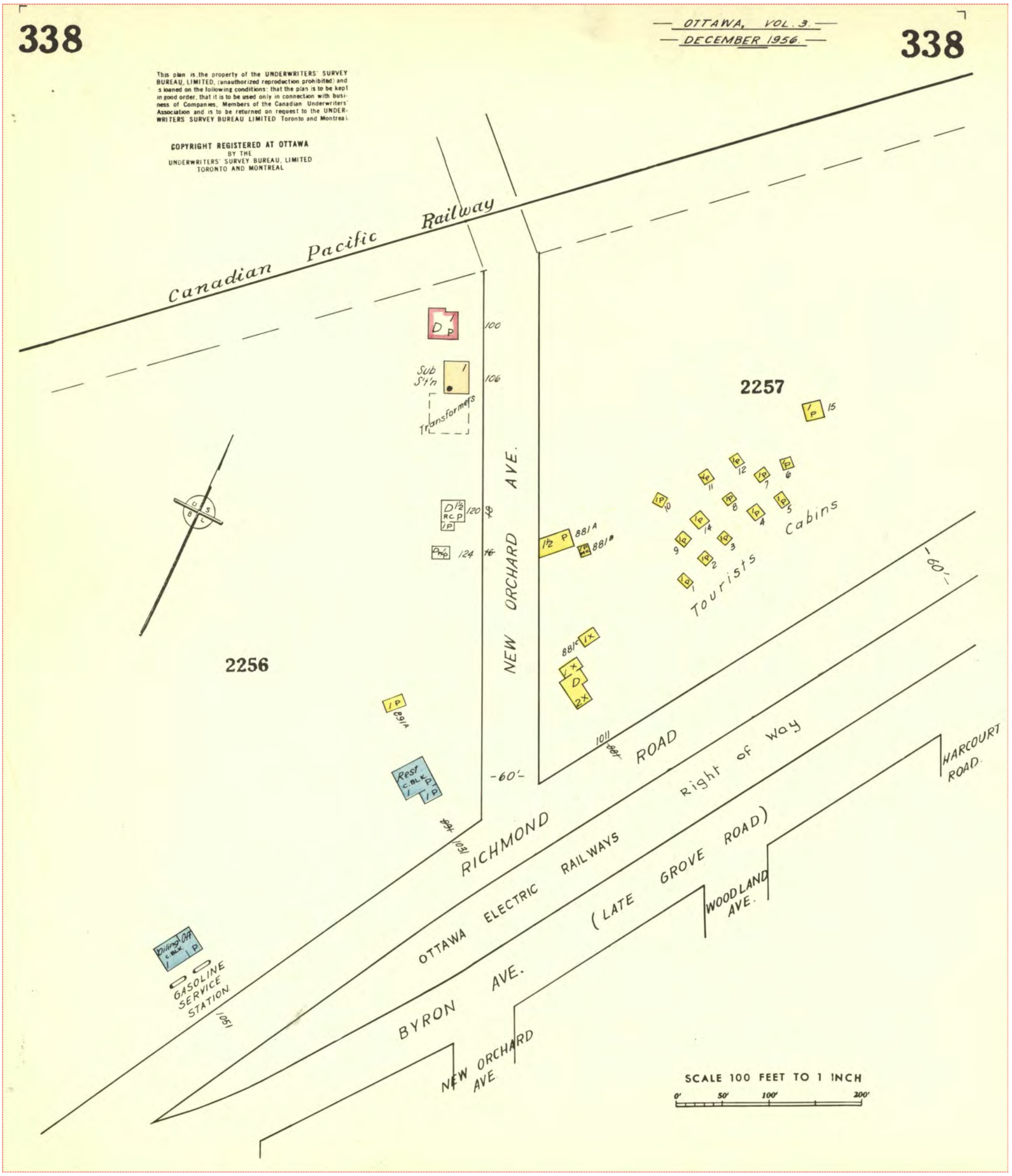

Project Name: 1047 Richmond Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Volume: Ottawa Firemap: 339
Ottawa Plan: 2993
Sheet: 339 (1946)

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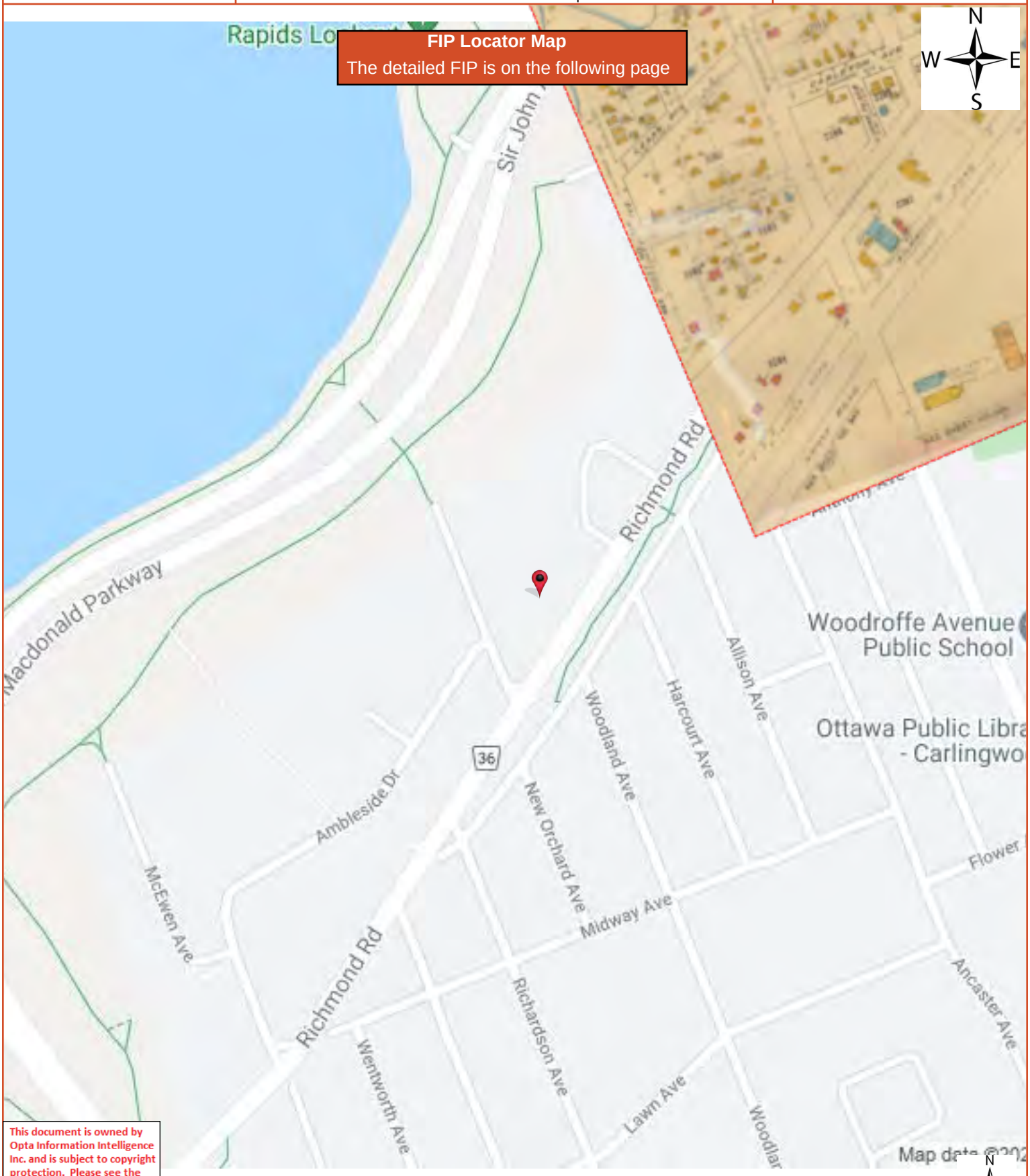

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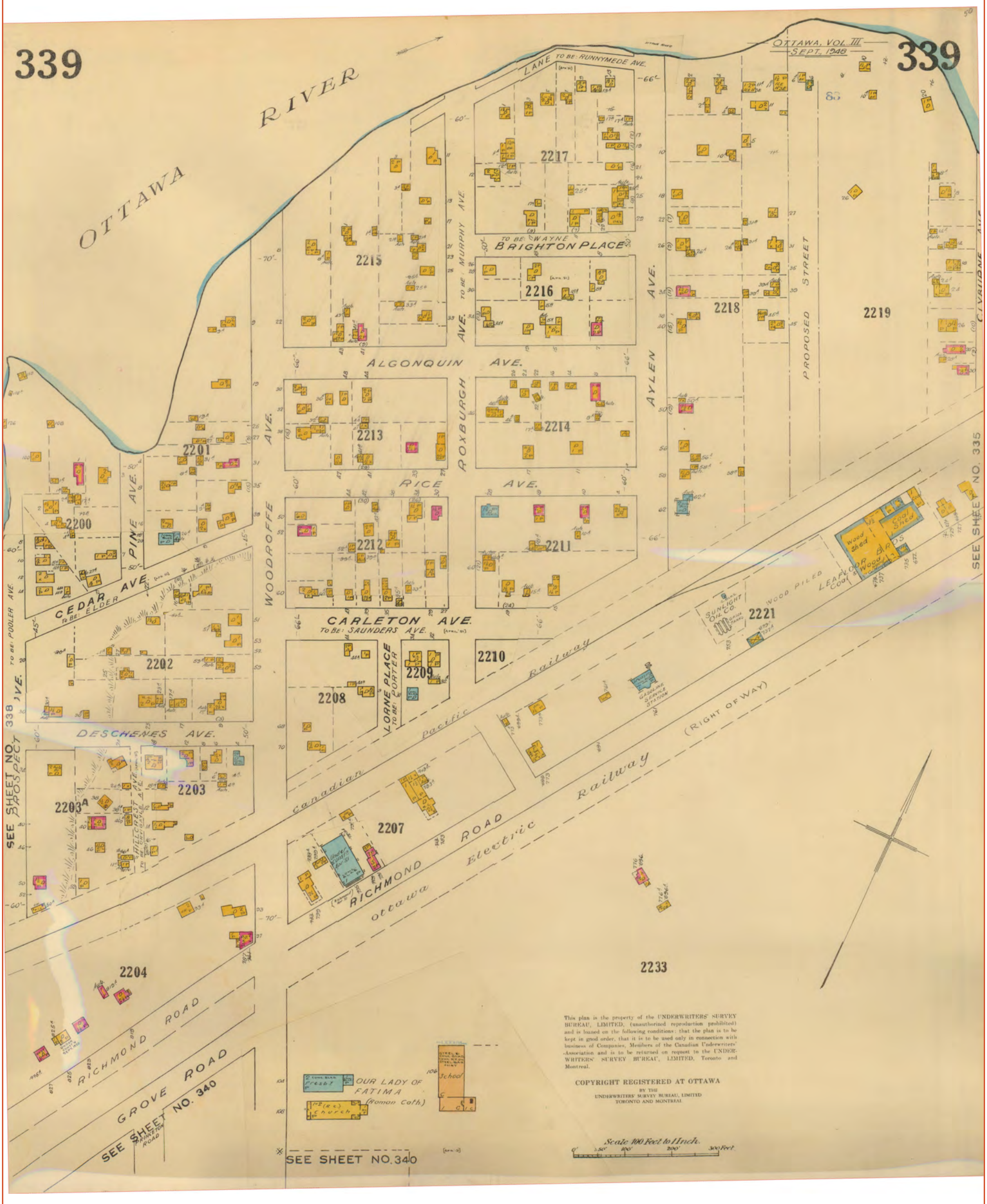

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Scale 100 Feet to 1 Inch.
0' 50' 100' 200' 300 Feet

Project Name: 1047 Richmond Road QUOTE

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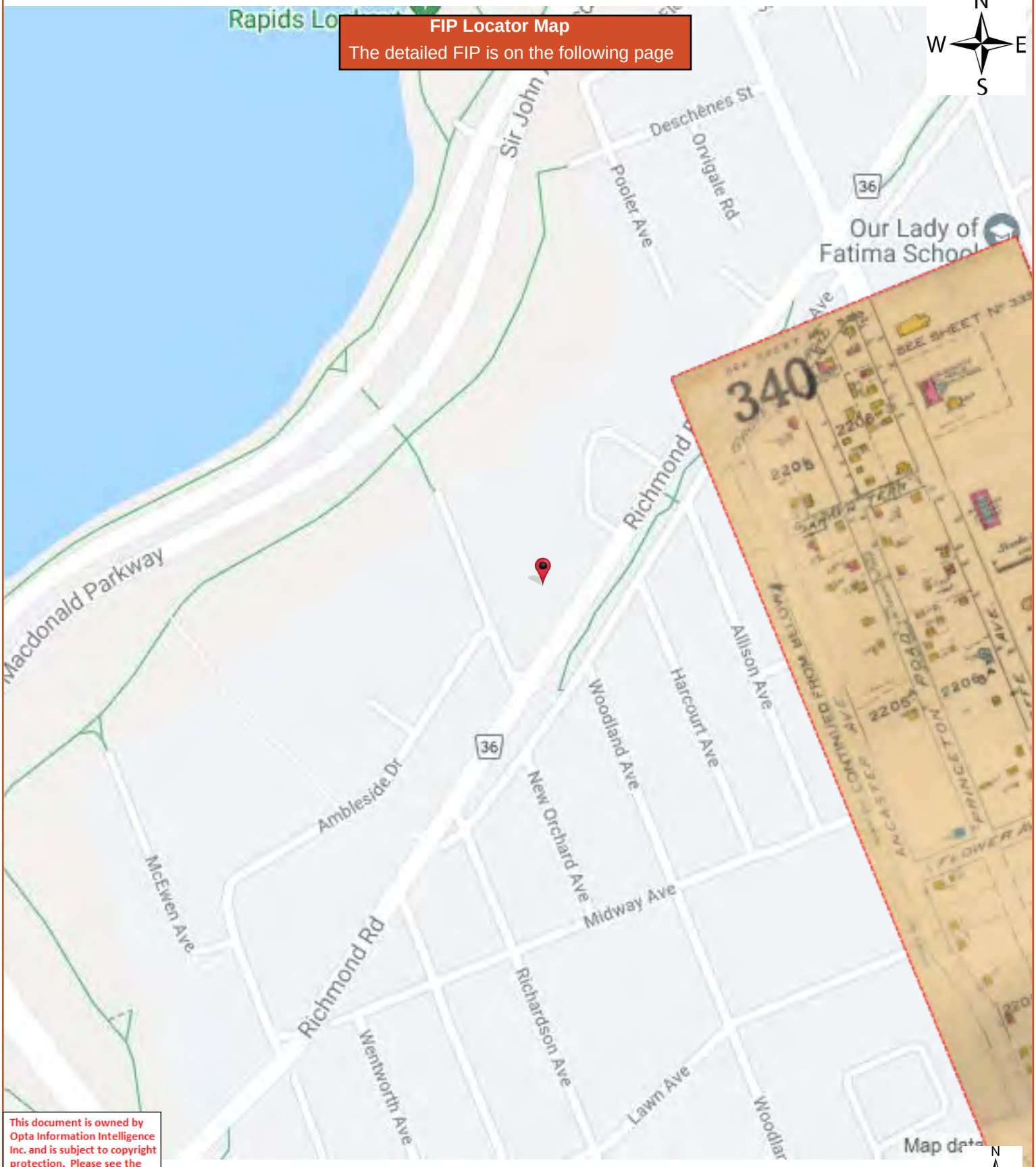

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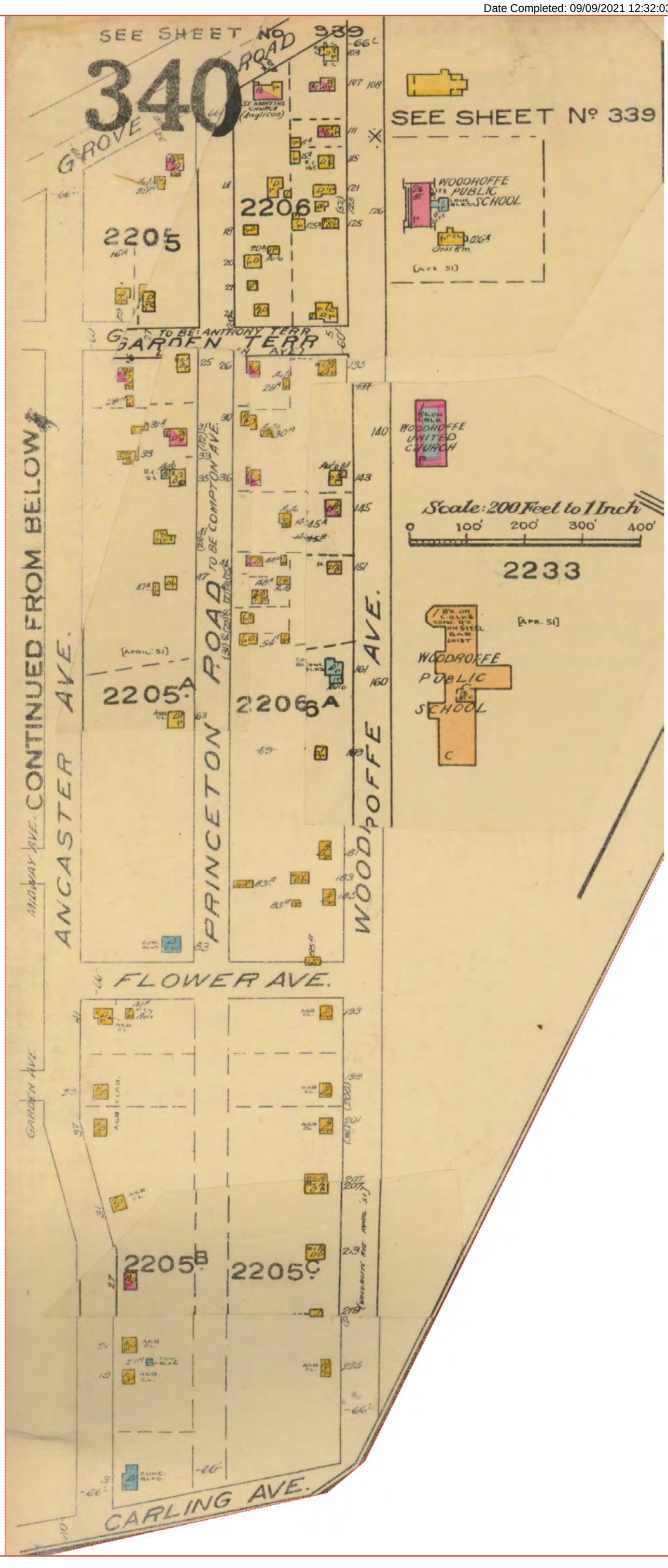

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262

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AIS Ref No.: 10681262

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Ontario Branch
Confidential Report

MULTIRISK SURVEY

Insured:	METRO PLYMOUTH CHRYSLER
Location Surveyed:	1047 RICHMOND RD OTTAWA, ONTARIO K2B 6R1
Person Contacted:	Jim Pears Sr.
Telephone Number:	(613) 596-1006
Policy Number:	1240616
AIS Reference:	10681262
Surveyed by:	A. Bilik
Date of Survey:	1994.11.21

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262

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AIS Ref No.: 10681262

METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - F I R E, L I A B I L I T Y A N D
B A S I C C R I M E

OCCUPANCY:

The insured is an owner/occupant at this location. They have been in operation since 1981 and at this location for 13 year(s). They occupy 1985 sq. m and are the major occupant, having 58 full-time 2 part-time employees. The premises are in good condition. The insured is interested in loss prevention, however there have been losses during the last 3 years.

* Loss History

Stolen vehicle one year ago (used mustang) $6,000. approximate loss. The safe has also been broken into which has been replaced. Problems with "kids" in the past few months has caused the insured to hire a private guard.

* Occupancy Description (Insured / major tenant if insured is non-occupant)

New and used automobile dealership with parts sales, auto repairs, auto body shop, various offices and storage.

* Other Classes of Occupants

None

* Undersirable Features

some of the parts wash tanks are not equipped with fusible links
no alarm system is present
Safe is inferior for burglary protection
Fencing is not present all way around dealership

Risk is Rateable under the Commercial Property Fire Schedule.
It is recommended that this location be resurveyed in 1 year(s).

BUILDING:

* Built - 1960 (est.) Height: Storey(s) (excluding basement) - 1=3, 2=3, 1
* Addition(s) - 1992
* There are no renovations.
* Building condition - Good

* Area: Ground Floor - 1639 sq. m Total (including basement) - 1985 sq. m

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BASIC CONSTRUCTION:

* Walls - 100% Masonry - pt. Steel framework, pt. conc. framework, Bk/CB Walls Metal Clad

* Floors - (excluding basement) 100% Concrete

* Roof - 35% - Class I Steel Deck
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 60% - 10.2cm. precast conc. slab on unprotected steel
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 5% - Pre fab roof of a mobile unit trailer
  - Surface material(s) - Tar and gravel
  - Original roof.

INTERIOR FINISH:

* Walls - 30% non-combustible
  - 70% open

* Ceilings - 50% non-combustible
  - 50% open

BASEMENTS: None

VERTICAL OPENINGS:

* Stairs - Fire rated enclosure

MEZZANINE:

* Construction - Wood
* Occupancy - Employee lunchroom
* Area - 23 sq. m

OUTBUILDINGS: None

HEATING:

* Forced warm air hot water - 80% - Natural gas
  - Original installation.
  - Installation appears safe

* Suspended Unit Heaters - 20% - Natural gas
  - Original installation.
  - Installation appears safe

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* Heating appliances - All enclosed in a separate room
* Combustible materials - Not stored in this room at time of survey

* Fuel Tanks/Supply:
  - Supply - UG Natural Gas Connection

* Chimneys:
  - Type B Gas Vent, ULC Labelled - Standard

ELECTRICAL:

* Condition - Good and appeared safe at the time of the survey.
* Wiring - Conduit, BX
* Overcurrent protection - Circuit Breakers.
* Electrical system - Original installation.

PLUMBING:

* Condition - Good at the time of the survey.
* Piping is Copper
* Plumbing - Original installation.

EXPOSURES: (within 15m of the risk):

* FRONT: OPEN

* REAR: OPEN

* LEFT: OPEN

* RIGHT: OPEN

MUNICIPAL PROTECTION:

* The FUS Public Fire Protection Classification is 3
* Responding (career) fire department Ottawa
* Distance from risk Less than 2.5 km
* Access via Paved roads. Year-round.

* The building itself is easily accesible to the fire department.
* Two hydrants within 155m (standard)

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

PRIVATE PROTECTION at this location includes the following:

* Standard extinguishers
* Guard service - For insured

* An automatic sprinkler system is not present.

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - L I A B I L I T Y

OCCUPANCY - GENERAL INFORMATION

* Neighbourhood is predominantly commercial, residential
* Insured - owner/occupant Area occupied - 1985 sq. m
* 30% accessible to public. Public access is considered moderate
* Gross revenue - $20,000,000

PREMISES information at the time of this survey

* The following appeared to be SATISFACTORY:

  Stairs, ramps, handrails; Floor surfaces & coverings; Wall & ceilings; Inerior Lighting; Exterior Lighting; Interior Housekeeping; Exterior Housekeeping; Washrooms; Sidewalks, Yards & Parking Lots; Snow & ice removal; Signs & Awnings; Roof attachments; Fire exits

ELEVATING DEVICES

* 12 Hoists
  - Current license is not present.
  - Maintenance contract - No

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - B A S I C C R I M E

NEIGHBOURHOOD:

* Predominantly commercial, residential
* Stable
* Best described as having a moderate crime rate

BUSINESS:

* Description - Automobile dealership with repairs and body shop
* Hours of Operation - 7:30 am. - 9:00 pm. Mon. - Fri. 9:00 am. - 6:00 pm. Sat.
* Typical Stock - New and used vehicles (new vehicles are not owned) auto parts
* Target Stock Details - As above
* Smash and Grab exposure is moderate
* There is a safe on the premises

GENERAL PROTECTION at the time of this survey:

* The following appeared to be SATISFACTORY:

  Exterior Lighting, Interior Lighting, Roof Accessability, Police Patrols

* The following were found to be UNSATISFACTORY, (refre to the Remarks and Recommendations for further details):

  Permises fully fenced, Outdoor stock protection, Target stock protection

* Security Alarm System - None

PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

* The exterior locks at this location are deadbolt, motor locks
* The windows are not barred

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - S P R A Y A P P L I C A T I O N S

OCCUPANCY:

Principal occupancy at this location is Auto dealer

* Product(s) Applied: - Paint, Primer
* Applied in: - Booth
* Construction: - Prefabricated
* Floor Construction: - Concrete
* Spray area: - Standard
* Frequency of use: - High
* Work done: - Only in intended area

EQUIPMENT:

* Compressed air spray gun

VENTILATION:

* Ventilation - suitable for this installation
* Filtering system - Dry filter
* Filtering system - Well maintained.
* Ventilation motor - Non-sparking and labelled
* Exhaust duct - Suitable

ELECTRICAL:

* Electrical equipment located inside the spray area - None
* Electrical equipment located outside the spray area - Standard
* Lighting fixtures are not labelled
* At time of survey, lighting fixtures appeared to be in good repair
* Lighting deficiencies - None

DRYER INSTALLATION:

* No dryers were found

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

HAZARDS:

* Storage of flammable and combustible liquid is non-standard

* Flammable and combustible liquids storage
  - In the open, ordinary metal cabinets
  - In spray area, Outside spray area
* Labelled safety cans not used
* Handling - Safe

* Quantity in spray area - 24 litres.
* Quantity outside spray area - 250 litres.

* As a result of survey, the following were found to be satisfactory:

  Storage of dirty rags in safety containers; Restriction of smoking; Posting of no smoking signs; Welding/cutting a sufficient distance from spray area; Heating equipment a sufficient distance from spray area; Spray area is not highly congested

* As a result of survey the following were found needing attention, please refer to the remarks and recommendations for further details:

* Maintenance - Good

PROTECTION:

* Portable fire extinguishers - Suitable
  - Well located
* Automatic fixed extinguishing system - None
* Automatic sprinklers - None

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K
R E M A R K S / R E C O M M E N D A T I O N S

REMARKS:

* Fire, Liability & Basic Crime - The insured operates a successful business building and is well maintained. Waste oil is kept outside in an above ground double walled tank which is picked up by Safety Kleen. Some of the parts wash tanks do not have fusible links (recommendation made). There is no alarm system present (recommendation made); Note that the security guard is a private individual and may only be utilized for certain periods. The safe is unacceptable burglar protection (UL Class 350 fire safe) (recommendation made). Fencing should be considered on all sides of the dealership.

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METRO PLYMOUTH CHRYSLER
1047 RD RICHMOND; OTTAWA, ONTARIO

RECOMMENDATIONS:

* 94-01 Fire, Liability & Basic Crime - The parts wash tanks missing fusible links should be replaced with tanks equipped with same.

* 94-02 Fire, Liability & Basic Crime - A burglar alarm system should be considered for the occupancy with alarms terminating at a recognized monitoring service.

* 94-03 Fire, Liability & Basic Crime - The safe provided should be replaced with a burglar resistant safe having a minimum ULC rating of TL 30. The safe should be alarmed, anchored to the masonry floor and be protected by an area alarm, connected to a central station.

* 94-04 Fire, Liability & Basic Crime - Fencing should be extended to all sides of the propery, and be provided with gates that are locked on a nightly basis.

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Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1

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DIAGRAM

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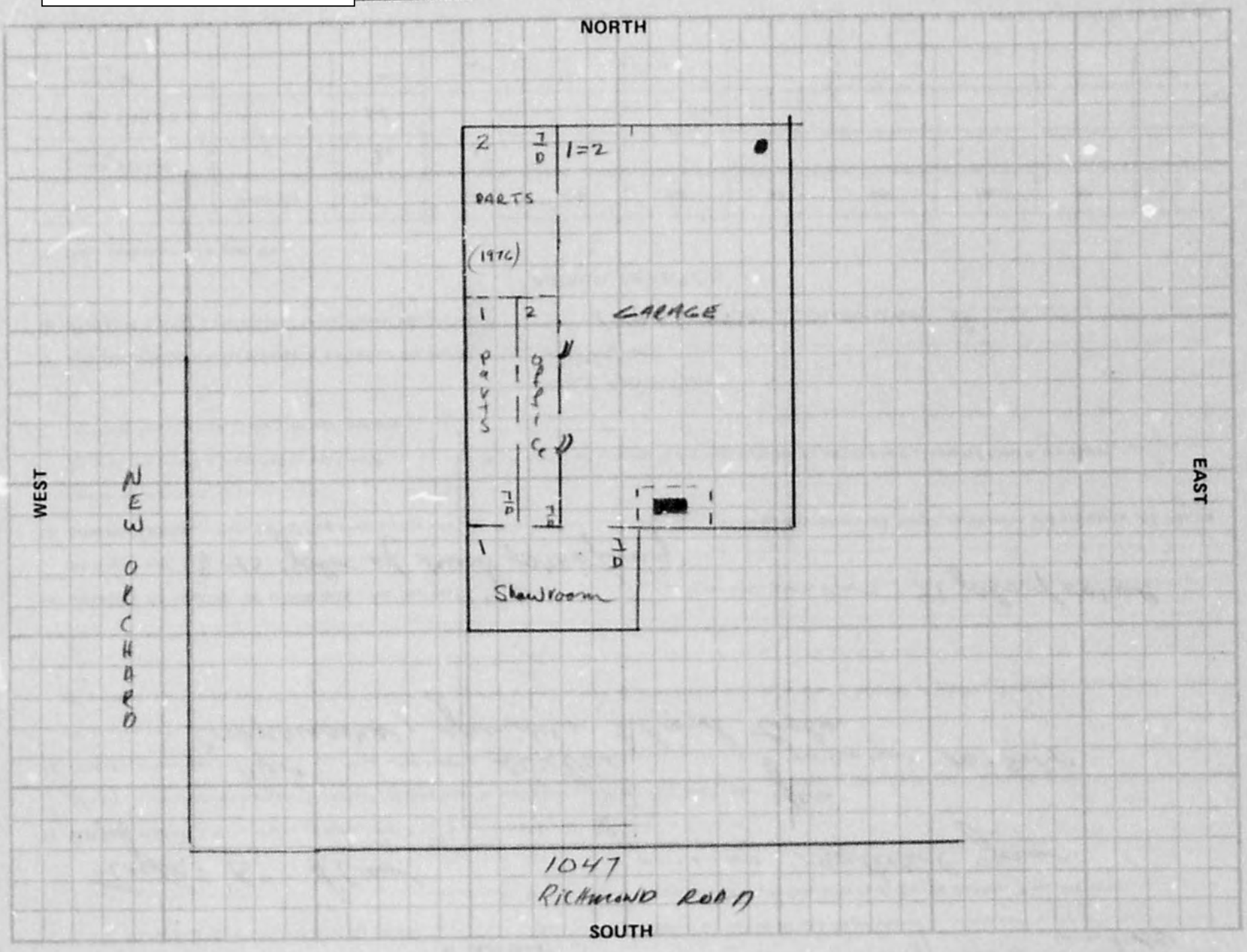
sk and all property within 100 feet is exactly as shown on the insurance plan.
of the Risk and indicate their occupancy, show also any openings between adjoining Buildings and all exposed Windows.

CK, Brick Building with **RED**, Stone or Concrete Buildings with **BLUE** and Brick Veneered, Brick Nogged or Metal Clad
es for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.
50 feet = 1 inch (same as the Insurance Plans).



EXPOSURE: Note – These questions must be answered fully.

North 120 ft. to building built of Fire resistive 1 stories high, occupied as Nursing Home

South open " " " " "

East 60 " " frame 1 " " Office

West open " " " " "

I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the IAO

DATE Nov 18, 1976 SIGNATURE J. K. Hunt

(If submitted by Member Company, state name)

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1

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INSURERS' ADVISORY ORGANIZATION OF CANADA

ONTARIO REGION

☐ Mercantile Risk
☐ Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address : No. 1047 Street/Road Etc,. RICHMOND ROAD

Municipality OTTAWA (Formerly) _____

Owned by: 505432 ONTARIO LTD Occupied by: METRO CHRYSLER AUTO DEALERSHIP

Age of building (Built in) ____ : ____ : ____. Additions (Built in) ____ : ____ : ____ : ____ : ____.

Is building completely finished & out of workmens hands? Yes ☑; No ☐ IBC Code: Terr: 63 Ind: 551 Cons: 2 Prot: 2

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSEW NSEW NSEW NSEW

(Refers to compass point direction of wall, i.e. North, South, East or West)

☐ INDEPENDENT ☑ BEARING AND ☑ NON-BEARING ☐ PARTY ☐ PARAPET

(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below:)

Part Skelton Steel Framework
Part - reinforced concrete framework
BK/CB walls.

COLUMNS OF WOOD ☐; HEAVY WOOD (min. 150mm x 300mm) ☐; UNPROTECTED STEEL ☐; PROTECTED STEEL ☐, protected by _____ having a fire-resistance rating of _____ hrs.

PANELS of Non-Combustible material or GLASS ☐; COMBUSTIBLE ☐ (describe) _____

Wall: N. ____%; S. ____%; E. ____%; W. ____%.

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade	0%	Poured Concrete	+2		
2ND	0%	.		✓ Concrete on steel Pans (2½") 6.3cm	
Roof	0%	Precast Concrete Slab	10.2cm	- unprotected steel	
Roof	0%			✓ Class I steel deck	

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes ☐; No ☑. If Yes, Describe & Give Percentage - _____

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 2 S/ Storeys High; Basement: Yes ☐; No ☑. (Nbr.) — Combustible Storeys Without Ground Level Access.
- VERTICAL OPENINGS: Elevators ☐; Stairs ☑; Other ☐ (describe) _____.

(Describe Construction & Type of Enclosure (s) & Door (s) Fully)

Elv., S'way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
STAIRS	2	1ST	2ND	CB SOPEN	NONE OR WD NOT S/C

- AREA:

Basement :	____ x ____	____ x ____	____ x ____	=	____ m^2	
1st. Floor :	35.1 x 38.1	12.2 x 18.3	____ x ____	=	1560.6 m^2	EFFECTIVE AREA:
2nd Floor :	38.1 x 9.1	____ x ____	____ x ____	=	346.7 m^2	1907.3 m^2
3rd(& Other):	____ x ____	____ x ____	____ x ____	=	____ m^2	

Separation Walls ☐ (describe) — . Total Area 1907.3 m^2

- ROOF SURFACE: Non-Combustible ☐ (describe) _____. Combustible ☐ (describe) _____.
Patent (✓). FALSE ROOF over Masonry or Fire Resistive Roof ( ) (describe) _____.

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof ☐, &/or Ceiling ☐. If In Roof, Is This An Attic ☐, Cut Off ☐, Shut Off ☐, With Access Limited By Trap(s)/Hatchway(s) ☐. In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises ____% In ROOF &/or ____% In CEILING. Describe _____.

- continued -

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing ☐ (describe & give % of total floor area affected) —.
Partitions/Walls ☐ (describe & give % of total interior wall area) —.
Mezzanines/Decks ☐ (describe & give % of total area of floors & roof) —.

- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

Specify FLOOR	1ST.	2ND				
Walls:	CB, GYP/CB	CB, GYP				
Ceiling:	OPEN STEEL OPEN CODE	P.MT, OPEN STEEL				
Interior Partitions	CB.	CB.				
Smoke Developed	—	—				
Flame Spread	—	—				

Ordinary Damage Materials Attached To Fire Resistive or Non-Combustible Walls ☐ and/or Ceiling ☐

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments ☐ Comprise Of (describe & give chargeable %) —.
Finish ☐ Comprises Of (describe & give chargeable %) —.
Smoke Developed - 200 or Less ☐; Over 200 ☐; Flame Spread Rating —.
None Of The Above ☐. Are Attachments/Finish Attached/Applied To Fire Resistive or Non-Comb., Walls or Roof? Yes ☐; No ☐.

- BUILDING CONDITION: Moderate ☑, Major ☐, Extreme Deficiencies ☐. Describe Sub-Standard Structural Conditions —.

COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING:
Building Heated? Yes ☑; No ☐. Borrowed Heat ☐. Describe Heating System Including Controls & Fuel Used: Hot Water and supp. hot air units - natural gas.
Describe Chimney(s) & Deficiencies If Any: Std installation and Venting.

- ELECTRICAL: FUSES: Type "S" ☐; Type "C" & Rejector System ☐; Circuit Breakers ☑; ORDINARY ☐; Used Exclusively ☐.
Aluminum Wiring ☐; Rigid Conduit ☑; Other ☑ (describe) BX. Open ☐.
Electrical Equipment Defects: None ☑; Minor ☐; Moderate ☐; Major ☐; Serious ☐. Describe Condition: —.

- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)

MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ☑; No ☐. If No - State Distance To Fire Hall: ____ km.

- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ☑; No ☐. And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ☑; No ☐. MAINS - 150mm ☐; 200mm ☑; 300mm ☐. Other (describe) —.
Circulating ☑; and/or Dead End ☐ Mains. Describe Deficiency (if any): —.

- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ☑; No ☐. If No - Describe —.

- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ☐; No ☑. If Yes, Describe Under General Underwriting Comments.

- PRIVATE PROTECTION: Is There Exclusive Private Protection ☐. Or Supplement To Municipal Protection ( ). Describe —.

INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ☑; Non-Standard ☐. (See Occupancy Section, page 3).

- WATCHMAN SERVICE: Standard ☐, Including Proprietary Supervision ☐, Including Central Station Supervisory Ser. ☐.
Describe: —.

- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ☐; Partial Protection (i.e. Minimum Requirements) ☐; Describe (& Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion) —.

- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ☐, No Such Alarm ☐. Total area Protected by Automatic Sprinklers Comprises ____ M^2.

- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: (Other Than A.S.) Area Protected by: HALON ☐; CO_2 ☐; HIGH EXPANSION FOAM ☐; Other (describe) —, Comprises ____ m^2.

- continued -

- continued

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM
OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII)

- SEPARATED OCCUPANCY: Is There Any Occupant(s) Cut-Off VERTICALLY ☐ /HORIZONTALLY ☐? Yes ☐; No ☐.
If Yes - Such Occupant Occupies _____ m^2, Comprising _____ % Of The Total Floor Area;
Describe: _____.

OCCUPANCY DETAILS: Indicate: 1) Business Name Of Each Tenant, 2) Special Hazards Including Process Operation(s) And Faults Of Management, 3) Number, Type and Location Of Manual Fire Fighting Equipment, 4) Any Other Exceptional Features Of The Risk Not Discussed Elsewhere, and 5) Any Vacant Section(s).

CIVIC NO.	FLOOR LEVEL	AREA (m^2)	IBC IND. CODE	
1047	2ND	346.7	551	Metro Chrysler - auto parts storage and offices ① 4A 30BC ① 2A
1047	1ST	1560.6	551	Metro Chrysler - Auto repair garage - general mechanical engine and parts repairs. no body or spray painting work done. O/A building - Partmaster degreasing bit. ⑤ 10BB CO^2 units ⑤ 4A 60BC, ① 4A 30BC rated units are provided.
				note - a Devilbuss spray booth is provided in the building but not in use. the booth was left by the previous tenant and a small stock of flammable liquids ① 5 gallon can KMART 70 Thinner ① 5 gallon can Dupont E59 Reducer stored in Devilbuss Spray Booth. F.P. below 73°F.
Total Floor Area	1907.3	551		← (Building Owner's Interest) - Continued on attached sheet ☐ -

GENERAL UNDERWRITING COMMENTS

- HOUSEKEEPING & MAINTENANCE: Excellent ☐; Good ☑; Average ☐; Poor ☐ (describe) _____

- NEIGHBOURHOOD: Isolated ☐; Residential ☐; Commercial ☑; Industrial ☐; Congested/Conflagration Hazard ☐ (describe

- OPINION OF RISK: Excellent ☐; Good ☑; Average ☐; Poor ☐ (describe) _____

- continued -

SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1

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ONTARIO REGION

SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered bldgs.) OF ALL CLASSES.

IBC CODE: TEMP. 63 IND. 561 CONS. 2 PROT. 2

Location (Town and Street) OTTAWA Richmond Rd Ins. Plan-S 338 B. 2257 No. 1047

Owned by Parkway Chrysler Plymouth Ltd Occupied by Same

For a Auto dealership. No. of hands

Is building completely finished and out of workmen's hands?

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement —

1st Showroom, parts dispts, repair garage & rustproofing

2nd Offices, boiler room & parts storage.

3rd

4th

5th

6th

CONSTRUCTION OF BUILDING

1. **TYPE OF CONSTRUCTION – Floors & Roof Carried on:**

(a) Skeleton Steel Framework Showroom & parts. ☐ (d) Bearing Walls & Steel Columns ☐

(b) Reinforced Concrete, Framework garage ☒ (e) Steel on Steel Walls & Roof ☐

(c) Bearing Walls & Partitions ☐ (f) Other Construction ☐

(Describe fully)

2. **WALLS** – State construction of external walls. Brick on HCB.

If bearing walls give thickness of walls in inches at each floor

3. **ROOF AND FLOOR – Materials**

Roof ☐ Floors ☐

Roof ☐ parts Floors ☒

Roof ☒ Floors ☐

Roof ☒ Floors ☐

Roof ☐ Floors ☐

(a) Concrete, reinforced – Poured in place ..... inches thick

(b) Concrete, on metal pan – Poured in place 2 1/2 inches thick

(c) Concrete, Precast Units 3-4 inches thick ? (Name of Manufacturer)

(d) Steel Deck, Construction #1 ☒ Otherwise ☐

*If Construction #1 State method of attaching insulation to steel deck and type of insulation

Mechanical Fasteners ☐ * Adhesive ☐ Otherwise ☐

*If adhesive state trade name unknown

Type of insulation on steel deck Tar test

(e) Other Materials – Describe and Show Thickness

2062/8-75

(over)

ROOF AND FLOOR — Method of support

Roof [X]	Floors [X]	(a) Unprotected Steel Beams.
Roof [ ]	Floors [ ]	(b) Steel Beams Protected by ..... inches of .....
Roof [ ]	Floors [ ]	(c) Reinforced Conc. Beams – Poured in place.
Roof [ ]	Floors [ ]	(d) Precast Concrete Structural Units ..... inches thick ..... (Name of Manufacturer)
Roof [ ]	Floors [ ]	(e) Bearing Walls Only. No Supporting Steel.

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

(a) Is there any roof space exceeding 3 feet in height? NO If so, for what purpose is it used? .....

How is access obtained thereto? ..... If by trap or door, describe type .....

(b) Are all skylights of wired glass in metal frames? .....

(c) Is there any wood in roof, louvres, ventilators or skylights; if so give details NO .....

(d) Is there a wood roof laid over an incombustible one? — If so, how is it supported? .....

(e) If so, what is the maximum and minimum height of this above the incombustible roof? .....

(f) Is the incombustible roof broken by texas, louvres, ventilator, trapdoor, skylight, stair, elevator, other shafts? .....

Is so, what is the construction of the sides through roof space? .....

Is there any access or opening from these shafts to the roof space? Describe each separately .....

.....

(g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? NO If so, give dimensions, construction and occupancy .....

..... How is access obtained? .....

(h) Is there a wood wearing floor? ..... If so, on which storeys? .....

(i) Is it laid directly on incombustible floor or with an airspace? Describe .....

4 **STEEL COLUMNS AND BEAMS** – Are they fireproofed? NO If "Yes" state nature and thickness of such protection.

(a) Columns .....

(b) Beams .....

FLOOR OPENINGS

5. **STAIRWAYS** – How many, and state from which floor to which? 2 - 1st to 2nd.

Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing ..... Incb shafts

No doors or wood doors are self closing.

6. **ELEVATORS** – How many, and state from which floor to which? —

Is there an enclosure around them? ..... If so, describe construction of of enclosure, and the doors, and whether doors are self-closing .....

.....

.....

7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** – Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each — .....

.....

.....

8. **HEATING AND VENTILATING DUCTS** – Are there any? — (a) Are ducts, which cut through floor, in masonry shafts .....

(b) Give construction of shaft ..... (c) State whether separate duct to each floor without communication to other floors .....

..... (d) Do ducts open into roof space? .....

9. **HEIGHT** – State number of floors and whether there is a basement 2 & 1=2 no basement.

10. **AREA** – Give ground floor dimensions 115 X 125 & 40 X 60 = 14,375 sq ft.

11 **INTERIOR FINISH** –

State separately for each floor, finish and method of attachment to walls and ceiling (If more than one type of finish is present on any one floor, state percentage of each type)

	Bast.	1st	2nd	3rd	4th	5th	6th	
(a) Walls	/	HCB/N	HCBN C4P					
(b) Ceilings	/	HLP open	T+G open					
(c) Partitions		HCB	HCB					

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:–

Battery charging room 25'x12'x8' high of frame construction

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully .....

12. **HEATING** – What is the system of heating the building? Hot water & Hot air Where is heating plant located? Megganone & Suspended units

Is it in fire-resistive room with standard fire door? ..... Are there any stoves; if so, how many and where located .....

..... Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details .....

Type "B" flues What fuel is used? natural gas.

13. **ELECTRIC WIRING** – All wiring is in Rigid Conduit ☐ Otherwise ☒

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? Yes

14. **POWER** – Is any used? Yes If so, what kind? Electric Total Horse Power? 20-30 hp

What used for? Compressors, grinders & hand tools.

If gasoline engine, state method of ignition, location and capacity of supply tank, whether feed is pressure or gravity, quantity of gasoline in engine .....

15. **GASOLINE OR BENZINE, OR OTHER OILS** – Are any kept? Yes If so, what quanity of each? 45 gals of varsol

What used for? & 45 gals of rust proofing

16. **COMMUNICATIONS** – Does the building communicate with any other building ..... (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram .....

(b) If so, are buildings separated by solid wall? ..... (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors? .....

(d) If not, describe type of doors on each opening .....

PUBLIC PROTECTION

17. **FIRE DEPARTMENT** – State distance to the nearest fire station 2 miles

18. **HYDRANTS** – What is the distance to the nearest two hydrants? 150 & 350 Give size of main 8"

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th	
Extgrs. 2½ Gal. Class A		2	1							
Extgrs Class B & C		4								
Stand Pipe & Hose		–	–							

20. **WATCHMAN** – Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day? –

(a) Does he use a portable clock, electric detector, or report to central station? .....

(b) Give name of manufacturer of clock ..... (c) Does it bear approval label of Underwriters' Laboratories .....

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him? .....

21. **AUTOMATIC FIRE DETECTION SYSTEM** – If such system is present provide details on questionnaire obtainable from IAO

(over)

COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1

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COMMERCIAL PROPERTY FIRE RATING FORM

CODING

IND.	TERR.	CONS.	PROT.
551	63	2.	2

LOCATION Ottawa NAME Metro Chrysler FILE NO.

ADDRESS 1047 Richmond Road Insp'd. by C. Laflem Date 7/5/82

Rated by C. Laflem Date 11/5/82

BASIC CONSTRUCTION: (SECTION II)

Construction Class 2 Bldg. Comb. Class M3

WALLS (ITEMS 210-215)

WALL AREA	MASONRY Wall Type	MASONRY Wall Thick.	FIRE RES. Dam. Type	FIRE RES. Fire Res.	NON COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM		POINTS		CHARGES
	W- 1	+20.3	D- 1	2 HR			BK/CB	100 %	x —		=	—
	W-		D-	HR				%	x		=	
	W-		D-	HR			Part shelton Steel framework	%	x		=	
	W-		D-	HR				%	x		=	
	W-		D-	HR				%	x		=	
								%	x 70		=	70
								30 %	x 20		=	6
								%	x		=	

Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal ☑ Comb. ☐

Panels in masonry or fire resistive walls: Comb. ☐ Non-comb. ☐ Glass ☑ Slow burning ☐

Special Conditions (Describe).....

FLOOR(S) AND ROOF (ITEMS 220-223)

LEVEL	DIMENSIONS	MAS. or F.R. Dam. Type	MAS. or F.R. Fire Res.	NON COMB	COMB	DETAILS OF FLOOR/ROOF MATERIALS	% of Total Floor/Roof Area		POINTS		CHARGES
Grade	1560.6	D- 1	2 HR			Poured Concrete	45 %	x —		=	—
2ND	346.7	D-	-1 HR			Concrete on Steel Pan 6.3cm	10 %	x 140		=	14
		D-	HR				%	x		=	
ROOF	570.0	D-	-1 HR			Class I Steel Deck	16 %	x 200		=	32
Roof	990.6	D-	HR			Precast Concrete Slab 10.2cm unprotected Steel	29 %	x 120		=	35

3467.9

Total Basic Construction Charges: 157

Schedule Base ..... + 150

Building Base ..... = 307

Building Base x 1.0 Comb. Modifier (ITEM 230) x .001 = **BASIC BUILDING RATE:** .307

(carried fwd. overleaf) *

SECONDARY CONSTRUCTION: (SECTION III)

	% CHARGE
Height: (ITEM 300) Nbr. Storeys 2 S/ Bast. NO Comb. Stories (Without ground level access) —	—
Vertical Openings: (ITEM 310) Type V4, Fm 1ST, To 2ND, Enclosure OPEN, Doors NIL, 1st. 20	20
Area: (ITEM 320) 1ST 1560.6, 2ND 346.7, ____ x ____, ...	
Grade Floor Area 1560.6 Total Area 1907.3 Effective Area 1907.3	20
Roof Surface: (ITEM 330) Approved ☑ Other (Described).....	
Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area — %	
Ceiling Space; Percentage of total floor area — %	
Combustible Interior Construction: (ITEM 350)	
Floor Surfacing; Percentage of total floor area — %	
Interior Walls or Partitions; Percentage of total exterior wall area — %	
Mezzanines or Decks; Percentage of total floor/roof area — %	
Combustible Interior Finish or Insulation: (ITEM 360)	
Walls: Percentage of total area of exterior walls; Ord. Dam. — % Spec. Dam. ____ %	
Roof & Floor(s): Percentage of total area of ceilings; Ord. Dam. — % Spec. Dam. ____ %	
Combustible Exterior Finish or Attachments: (ITEM 370) ..... —	
Building Condition: (ITEM 380) Good ☑; Average ☐; Poor ☐;	
Total Secondary Construction Charges:	40

(carried fwd. overleaf) **

St. No. Floor	Floor Area	% of Total Area	Occ'y Item No.	Name and Description of Occupancy and Hazards	Basic Occ'y Charge	Hazard Charges	Sep'd. Occ'y Factor	Total Occ'y Charge	Comb. Cl.	Susc. Cl.	Ind. Code
Common Hazards Applicable to Building				Hot Water & Hot air gas.		3					
1047	1907.3	100%		auto repair garage - auto	75		—	√75	M3	S3	551
			508 D	sales showroom dealership.							
				O/A welding		—					
				Standard degreasing kit.		—					
				Std. extinguishers				√18			
	730-2 C-5-B			10 gallons of flammables kept in storage - no dispensing done STORED IN OBILBASS BOOTH		18		93			
TOTAL	1907.3									Building IND. CODE	551

Major Occupancy Charge (largest occupant; by area occupied) ..... 93 %
20% of ____ (next 10 highest additional Total Occupancy Charges) ..... 0 %
Common Hazards applicable to the Building ..... 3 %
Net Occupancy Charge ..... 96 %
L1, L2 Area — %
Net Occupancy Charge x — Occ'y Mod. Factor (ITEM 418) ..... = — %
** Total Secondary Construction Charge (brought forward from overleaf) ..... + 40 %

EXPOSURE: (SECTION VIII) Non Chargeable ☑

Facing Wall of Exposure						Facing Wall of Risk		Exposure Distance
Masonry Semi Prot.	Masonry Unprot.	Non-Comb.	Comb.	Comb. Cl.	Lth./H+.	Comb. & Non-Comb	Masonry Unprot.	
								—
								—

Exposure Charge ..... + — %
Party Wall Exposure Charge (ITEM 831) ..... + — %
Communication Charge (ITEM 832) ..... + — %
+ 100 %

• (brought forward from overleaf) BASIC BUILDING RATE .307 x 236 % = UNPROTECTED BLDG. RATE .724

MUNICIPAL PROTECTION: (SECTION IX)
F.U.S. Prot. Class 3 Revised Prot. Class ____
Dist. to Hydrants: Stdr. ☑ Non Stdr. ☐ .....m. Accessibility: Good ☑ Poor ☐
Dist. to Fire Hall: Stdr. ☑ Non Stdr. ☐ .....km. Congested Area: Yes ☐ No ☑
Unprotected Bldg. Rate x .44 Protection Class Factor ..... = PROTECTED BLDG. RATE .318

BUILDING ADJUSTMENT FACTOR: (SECTION X)
Protected Bldg. Rate x 1.06 Building Adjustment Factor ..... = GROSS BLDG. RATE .337

INTERNAL PROTECTION: (SECTION XI)
Extinguishers Stdr. ☑ 3 % Credit W. & C. Stdr. ☐ ____% Credit
S.P. & H. Stdr. ☐ ____% Credit Automatic Fire Detection System Stdr. ☐ ____% Credit
Automatic Sprinklers ☐ (Describe) ..... ____% Credit
Other Auto. Protection ☐ (Describe) ..... ____% Credit N/C
GROSS BLDG. RATE .337 Less 3 % = .327 Less ____ % = ____ Less ____ % = FINAL BLDG. RATE .327

CONTENTS RATES (SECTION XII) MAY 25 1982 N.T.

ITEM →			1200		1210		1220										
Ind. Code	Susc. Class	OCCUPANCY	Susc. Charge		Hazards Adj.		Conts. Adj. Factor		Adj. Conts. Charge		Gross Bldg. Rate		Gross Conts. Rate		Int. Prot. Factor		FINAL CONTS. RATE
551	S3	Auto Repair Garage	.40	x	1.18	x	.80	=	.378	+	.337	=	.715	x	.95	=	.679 N/C
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	

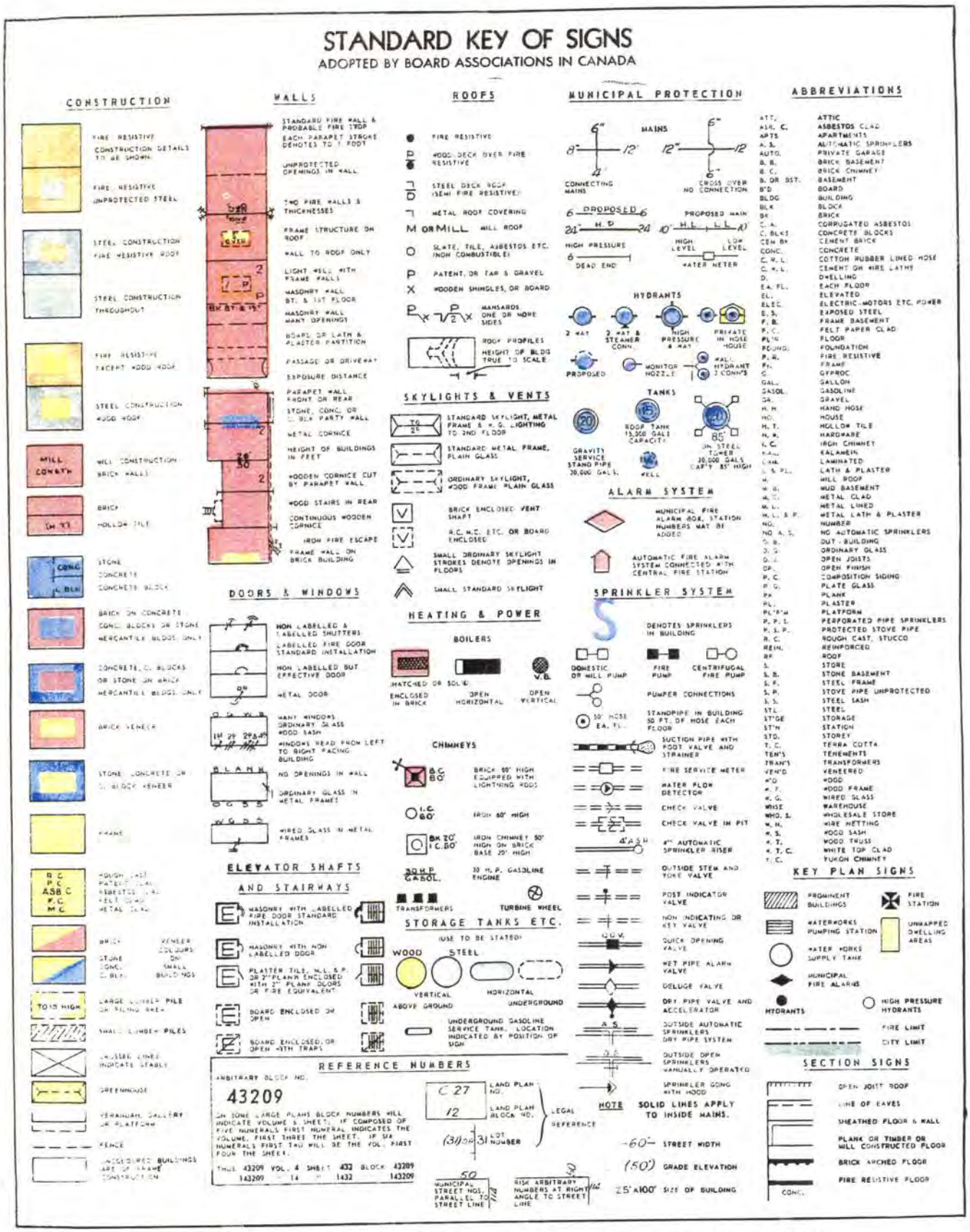

Figure 2: Standard Key of Signs, Adopted by Board Associations in Canada (col)

APPENDIX III
CHAIN OF TITLE

CHAIN OF TITLE REPORT

Project #: 21494078
Address: 1047 Richmond Road. Ottawa
Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean as in N545545, Except Pt 1 5R-3653

Searched at: Ottawa
LRO #: 4

PIN #: 03970-0109 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	08 03 1804	Crown	**Joseph BOISSEAU**
224	Deed	18 07 1829	Joseph Boisseau	Robert HALLOWELL
583	Deed	31 01 1833	Robert Hallowell	George BAKER
26495	Deed	24 08 1866	George Baker	Godfrey BAKER
13353	Deed	26 05 1888	George Baker exor for Godfrey Baker - Estate	George AIKEN
14196	Deed	27 12 1889	George Aiken	John B. ULLETT
43743	Deed	17 11 1940	John B. Ullett - Estate	Robert L. ULLETT
302127	Deed	03 07 1952	Robert L. Ullett - Estate	Nick BOOSAMRA
352249	Deed	15 10 1956	Nick Boosamra	Brownlee & McKeown Limited

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21494078
Address: 1047 Richmond Road. Ottawa
Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean as in N545545, Except Pt 1 5R-3653

Searched at: Ottawa
LRO #: 4

PIN #: 03970-0109 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
363806	Deed	19 09 1957	McKeown Realties Limited (Formerly Brownlee & McKeown Limited)	Charles A. BROWNLEE & Patrick McKEOWN
376110	Deed	15 08 1958	Charles A. Brownlee & Patrick McKeown	Northern Garage and Holdings Limited
396109	Deed	09 10 1959	Northern Garage and Holdings Limited	Chrysler Corporation of Canada
602793	Deed	03 12 1971	Chrysler Canada Ltd. (Formerly Chrysler Corporation of Canada)	Parkway Chrysler Plymouth Ltd.
NS147093	Deed	02 04 1982	Parkway Chrysler Plymouth Ltd.	505432 Ontario Limited
N545545	Deed (Present Ower)	08 03 1990	Marinter (Ontario) Ltd. (Formerly 505432 Ontario Limited)	**Rimosa Investments Limited**
LT1112079	Lease	27 03 1998	Rimosa Investments Limited	Chrysler Canada Ltd. (Lessee)

PROPERTY DESCRIPTION: PT LT 25, CON 1OF , AS IN N707740 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK NP21

PIN CREATION DATE:
1997/03/17

OWNERS' NAMES
1047 RICHMOND NOMINEE INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/03/17						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/03/14 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/03/17 ***						
CR531049	1967/09/12	BYLAW				C
N705245	1994/09/29	BYLAW				C
N707740	1994/10/28	TRANSFER		*** COMPLETELY DELETED ***	RIMOSA INVESTMENTS LIMITED	
LT1035561	1997/04/01	CHARGE		*** DELETED AGAINST THIS PROPERTY *** RIMOSA INVESTMENTS LIMITED	THE BANK OF NOVA SCOTIA	
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		C
REMARKS: AIRPORT ZONING REGULATION						
OC2430806	2021/12/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
REMARKS: LT1035561.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC2473014	2022/03/31	TRANSFER	$24,200,000	RIMOSA INVESTMENTS LIMITED	1047 RICHMOND NOMINEE INC.	C
	REMARKS: PLANNING ACT STATEMENTS.					
OC2473015	2022/03/31	CHARGE	$17,500,000	1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
OC2473016	2022/03/31	NO ASSGN RENT GEN		1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
	REMARKS: OC2473015.					

PROPERTY DESCRIPTION: PART OF LOTS 24 AND 25, CONCESSION 1 (OF), AS IN N545545, SAVE AND EXCEPT PART 1 ON PLAN 5R-3653, OTTAWA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 03970-0010

PIN CREATION DATE:
1997/07/16

OWNERS' NAMES
1047 RICHMOND NOMINEE INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/07/16						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/07/15 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/03/17 ***						
CR602796	1971/12/03	LEASE		*** DELETED AGAINST THIS PROPERTY ***	PARKWAY CHRYSLER PLYMOUTH LTD	
CR691573	1976/06/29	AGREEMENT			THE CORPORATION OF THE CITY OF OTTAWA	C
	REMARKS: DEVELOPMENT					
CR721634	1977/12/01	AGR AM L		*** DELETED AGAINST THIS PROPERTY ***		
CR721635	1977/12/01	AGR AM L		*** DELETED AGAINST THIS PROPERTY ***		
NS14531	1978/05/26	LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CANADA LTD.	
5R3562	1978/06/13	PLAN REFERENCE				C
5R3653	1978/07/19	PLAN REFERENCE				C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
NS21712	1978/07/21	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CREDIT CANADA LTD.	
	REMARKS: NS14531					
NS30144	1978/09/26	SUBLEASE		*** DELETED AGAINST THIS PROPERTY ***	PARKWAY CHRYSLER PLYMOUTH LTD.	
NS33468	1978/10/24	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CREDIT CANADA LTD.	
	REMARKS: NS14531					
NS147091	1982/04/02	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CREDIT CANADA LTD. CHRYSLER CANADA LTD.	
NS147094	1982/04/02	LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CANADA LTD.	
NS243255	1984/06/08	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL TRUST CORPORATION OF CANADA	
	REMARKS: NS147094					
N291634	1985/06/19	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL TRUST CORPORATION OF CANADA	
	REMARKS: NS147093					
N545545	1990/08/08	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	RIMOSA INVESTMENTS LIMITED	
N615753	1992/04/29	NOTICE		*** DELETED AGAINST THIS PROPERTY ***		
N615754	1992/04/29	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	BANK OF MONTREAL	
LT1035561	1997/04/01	CHARGE		*** DELETED AGAINST THIS PROPERTY *** RIMOSA INVESTMENTS LIMITED	THE BANK OF NOVA SCOTIA	
LT1112079	1998/03/27	NOTICE OF LEASE		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LTD.	
LT1142380	1998/08/14	NOTICE		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LIMITED	
	REMARKS: LT1112079.					
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: AIRPORT ZONING REGULATION					
OC2430806	2021/12/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
	REMARKS: LT1035561.					
OC2435289	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF CR602796					
OC2435290	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF CR721634					
OC2435291	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF CR721635					
OC2435292	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETING NS14531					
OC2435293	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS21712					
OC2435294	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS30144					
OC2435295	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS33468					
OC2435296	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS147091					
OC2435297	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS147094					
OC2435298	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: DELETION OF NS243255					
OC2435299	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF NS291634					
OC2435300	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF N615753					
OC2435301	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTEMENTS LIMITED		
	REMARKS: DELETION OF N615754					
OC2435302	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF LT1112079					
OC2435303	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
	REMARKS: DELETION OF LT1142380					
OC2473014	2022/03/31	TRANSFER	$24,200,000	RIMOSA INVESTMENTS LIMITED	1047 RICHMOND NOMINEE INC.	C
	REMARKS: PLANNING ACT STATEMENTS.					
OC2473015	2022/03/31	CHARGE	$17,500,000	1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
OC2473016	2022/03/31	NO ASSGN RENT GEN		1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
	REMARKS: OC2473015.					

APPENDIX IV
DIRECTORY SEARCH

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *1047 Richmond Road, Ottawa, Ontario*
Report Type: *City Directory*
Order No: *21083000552*
Information Source: *Vernon's Ottawa & Area, City Directory*
Date Completed: *2021/09/20*

Note addendum regarding documentation results*

City Directory Information Source

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 2011	
Site Listing:	-Metro Chrysler Dodge Jeep
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 955-Ottawa Honda -Kaysush Dev. 979-Tops Car Wash 993-Tim Hortons *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential -Parkway Tuck Shop

Single-address coverage only: information on addresses not listed is currently inaccessible	
Ancaster Avenue (175-225)	-All Residential 208-Positive Punch 212-Frank's Roofing & Snow Removing
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*

Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Multi Tenant Residential -Extendicare New Orchard Lodge 100- Res (2 Tenants) -Gill AS 108- Multi Tenant Residential 118- Res (3 Tenants)
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Hulse Playfair & McGarry

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 2005-2007	

Site Listing:	-Metro Chrysler Dodge Jeep -Metro Leasing
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Cash Flow Recoveries Inc. 955-Ottawa Honda -Kaysush Dev. 975-Mexicali Rosa's 979-Tops Car Wash *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Tuck Shop -Hair Duo
Ancaster Avenue (175-225)	-All Residential 208-Positive Punch

Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential 1162-Havlin Photography *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	99- Multi Tenant Residential -Extendicare New Orchard Lodge

Single-address coverage only: information on addresses not listed is currently inaccessible	100- Res (1 Tenant) -Gill AS 108- Multi Tenant Residential 118- Res (4 Tenants)
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Hulse Playfair & McGarry

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 2000-2002	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential

	955-Ottawa Honda -Kaysush Dev. 965-MMC Ottawa Tours 975-Mexicali Rosa's 979-Tops Car Wash 993-Tim Hortons *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Tuck Shop -Hair Duo
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential

	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Multi Tenant Residential -Extendicare New Orchard Lodge 100- Res (2 Tenants) 108- Multi Tenant Residential 118- Multi Tenant Residential
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*

Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Hulse Playfair & McGarry

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1995-1997	
Site Listing:	-Metro Plymouth Chrysler -Metro Rental & Leasing
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Hair Salon -Prime Cut Foods 955-Ottawa Honda 971-Can Federal Systems 979-Tops Car Wash *-Information Inaccessible: 1046-1145*

Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Towers Tuck Shop -Hair Duo -McLean Insurance Brokers
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*

Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Multi Tenant Residential -Extendicare New Orchard Lodge 100- Res (1 Tenant) 108- Multi Tenant Residential 118- Multi Tenant Residential
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

Year: 1990-1992	
Site Listing:	-Metro Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Fishburn Roofing Sciences Group 971-Can Federal Systems 979-Tops Car Wash *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Towers Tuck Shop -Joan's Beauty Salon -Cameron Insurance Brokers
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential

	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Multi Tenant Residential -New Orchard Lodge Nursing Home 100- Res (1 Tenant) 108- Multi Tenant Residential 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*

Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1984-1987	
Site Listing:	-Metro Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Hair Salon 947-Anderson Techno Products 959-Law Office 965-Lindenhof Rest -Ecolab Ltd.

	971-Can Federal Systems 975-Zorro Rest 979-Tops Car Wash 993-Vittoria's Café *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Towers Tuck Shop
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential

Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- New Orchard Lodge Nursing Home 100- Res (1 Tenant) 108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*

Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1979-1982	
Site Listing:	-Parkway Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Hair Salon -Dutch Groceries & Imports -Florence Ladies Wear 947-Grierson Race & Rally 955-Viscount Builders 965-Lindenhof Rest 971-Can Federal Systems 979-Tops Car Wash 993-Palmer Cleaners *-Information Inaccessible: 1046-1145*

Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Towers Tuck Shop -Salon Margaret
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*

Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- New Orchard Lodge Nursing Home 100- Res (1 Tenant) 108- Address Not Listed 118- Res (2 Tenants)
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario

Year: 1974-1976	
Site Listing:	-Parkway Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 945-Hair Salon -Dutch Groceries & Imports -Florence Ladies Wear 955-Can Resort Real Estate 965-Chicken Delight Rest 971-Spindler's Furn. 979-Tops Car Wash *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Towers Tuck Shop -Parkway Towers Beauty Salon

Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	99- New Orchard Lodge Nursing Home 100- Res (1 Tenant) 108- Address Not Listed

Single-address coverage only: information on addresses not listed is currently inaccessible	118- Res (2 Tenants)
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1969-1971	
Site Listing:	-Parkway Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential

	955-Boutique Ladies Wear 965-Chicken Delight Rest 971-Spindler's Merchant 979-Tops Car Wash 993-A & W Drive-In Rest *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Multi Tenant Residential -Parkway Towers Tuck Shop -Parkway Towers Beauty Salon
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*

Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- New Orchard Lodge Nursing Home 100- Res (1 Tenant) 108- Address Not Listed 118- Res (2 Tenants)
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*

Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1965	
Site Listing:	-Parkway Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential 993-A & W Drive-In Rest *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential

Single-address coverage only: information on addresses not listed is currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*

New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Address Not Listed 100- Res (1 Tenant) 108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1959-1961	
Site Listing:	-Address Not Listed
Adjacent Properties:	

Richmond Road (945-1145)	-All Residential *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Address Not Listed
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential

	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Address Not Listed 100- Res (1 Tenant) 108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1954-1956	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-All Residential *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Address Not Listed
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential

	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-All Residential *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Address Not Listed 100- Address Not Listed 108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*

Pooler Avenue (90-110)	-All Residential *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1949/1950	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-No Listings Within Radius *-Information Inaccessible: 226-240*

Ambleside Drive (1070-1090) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	1071-Address Not Listed
Ancaster Avenue (175-225)	-No Listings Within Radius
Anthony Avenue (1995-2215)	-Street Not Listed *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-No Listings Within Radius *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed
Midway Avenue (2265-2305)	*-Information Inaccessible*

New Orchard Avenue (All) ***Single-address coverage only: information on addresses not listed is currently inaccessible***	99- Address Not Listed 100- Address Not Listed 108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address Not Listed

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1946	
Site Listing:	*-Information Inaccessible*
Adjacent Properties:	

Richmond Road (945-1145)	-No Listings Within Radius *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-Street Not Listed *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	*-Information Inaccessible*
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-No Listings Within Radius *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius *-Information Inaccessible: 221-250*

Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	*-Information Inaccessible*
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address Not Listed

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1941	

Site Listing:	*-Information Inaccessible*
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-Street Not Listed *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	*-Information Inaccessible*
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-No Listings Within Radius *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius

	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	*-Information Inaccessible*
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address Not Listed

Year: 1935	
Site Listing:	*-Information Inaccessible*
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-Street Not Listed *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	*-Information Inaccessible*
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-No Listings Within Radius *-Information Inaccessible: 1181-1240*

Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-Street Not Listed *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	*-Information Inaccessible*
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address Not Listed

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1930	
Site Listing:	*-Information Inaccessible*
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-Street Not Listed *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	*-Information Inaccessible*
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed *-Information Inaccessible: 2211-2215*
Byron Avenue (1100-1240)	-No Listings Within Radius

	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-Street Not Listed *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	*-Information Inaccessible*
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*
Richardson Avenue (225-400)	*-Information Inaccessible*

Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address Not Listed

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1925	
Site Listing:	*-Information Inaccessible*
Adjacent Properties:	
Richmond Road (945-1145)	-Street Not Listed *-Information Inaccessible: 1046-1145*
Allison Avenue (180-240)	-Street Not Listed *-Information Inaccessible: 226-240*
Ambleside Drive (1070-1090)	*-Information Inaccessible*
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed

	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-No Listings Within Radius *-Information Inaccessible: 1181-1240*
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-Street Not Listed *-Information Inaccessible: 221-250*
Hartleigh Avenue (230-245)	*-Information Inaccessible*
Joanne Avenue (All)	-Street Not Listed *-Information Inaccessible: Start-2209, 2231-End*
Midway Avenue (2265-2305)	*-Information Inaccessible*
New Orchard Avenue (All)	*-Information Inaccessible*
New Orchard Avenue North (All)	*-Information Inaccessible: 226-240*
Pooler Avenue (90-110)	-Street Not Listed *-Information Inaccessible: 101-110*

Richardson Avenue (225-400)	*-Information Inaccessible*
Woodland Avenue (205-265)	*-Information Inaccessible*
150 Woodroffe Avenue	-Address 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.

*****Due to unforeseen circumstances resulting from the Covid-19 pandemic of 2020, access to information sources has been prohibited. While all additional measures were taken in order to provide accurate information where possible, some project searches yielded no results.*****

APPENDIX V
ERIS REPORT

DATABASE REPORT

Project Property:	*1047 Richmond Road, Ottawa* *n/a* *Ottawa ON*
Project No:	*CO972.00*
Report Type:	*RSC Report (Urban)*
Order No:	*24062502224*
Requested by:	*Terrapex Environmental Ltd.*
Date Completed:	*June 25, 2024*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Table of Contents

Table of Contents.....2
Executive Summary.....3
Executive Summary: Report Summary.....4
Executive Summary: Site Report Summary - Project Property.....7
Executive Summary: Site Report Summary - Surrounding Properties.....9
Executive Summary: Summary By Data Source.....20
Map.....36
Aerial.....37
Topographic Map.....38
Detail Report.....39
Unplottable Summary.....195
Unplottable Report.....196
Appendix: Database Descriptions.....204
Definitions.....214

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Executive Summary

Property Information:

Project Property:	*1047 Richmond Road, Ottawa* *n/a Ottawa ON*
Project No:	*CO972.00*

Order Information:

Order No:	*24062502224*
Date Requested:	*June 25, 2024*
Requested by:	*Terrapex Environmental Ltd.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	11	11
CA	Certificates of Approval	Y	1	4	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	4	4
EASR	Environmental Activity and Sector Registry	Y	1	3	4
EBR	Environmental Registry	Y	1	1	2
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	2	13	15
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	3	3
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	16	17
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	2	2
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	9	9
SPL	Ontario Spills	Y	0	34	34
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	7	29	36

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
Total:			13	137	150

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA	METRO PLYMOUTH-CHRYSLER LIMITED	1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	S/0.0	-0.67	39
1	EBR	Metro Plymouth-chrysler Ltd.	1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	S/0.0	-0.67	39
1	EASR	Metro Plymouth Chrysler Ltd.	1047 RICHMOND RD OTTAWA ON K2B 6R1	S/0.0	-0.67	39
1	GEN	METRO CHRYSLER	1047 Richmond Rd Ottawa ON K2B 6R1	S/0.0	-0.67	40
1	EHS		1047 Richmond Road, Ottawa, ON Ottawa ON	S/0.0	-0.67	40
1	EHS		1047 Richmond Road Ottawa ON K2B 6R1	S/0.0	-0.67	40
2	WWIS		ON ***Well ID:*** 7419639	ESE/0.0	0.00	40
3	WWIS		ON ***Well ID:*** 7419640	NNW/0.0	-1.90	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
4	WWIS		ON ***Well ID:*** 7419636	NW/0.0	-2.00	42
5	WWIS		ON ***Well ID:*** 7419637	NW/0.0	-2.00	43
6	WWIS		99 NEW ORCHARD AVE. OTTAWA ON ***Well ID:*** 7039988	W/0.0	-2.59	44
7	WWIS		ON ***Well ID:*** 7409367	NW/0.0	-3.39	47
8	WWIS		ON ***Well ID:*** 7409366	NNW/0.0	-3.39	48

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	SPL	Kiewit<UNOFFICIAL>	Richmond Road between Woodland and Harcourt Ottawa ON	ESE/6.6	0.22	49
10	CA	R.M. OF OTTAWA-CARLETON	NEW ORCHARD AVE/AMBLESIDE DR. OTTAWA ON	SW/9.4	-1.44	50
11	SPL		Ottawa ON	ESE/29.4	1.88	50
12	EHS		99 New Orchard Avenue Ottawa ON K2B 5E6	NW/32.1	-4.53	51
12	GEN	Extenicare Canada Inc.	99 New Orchard Ave Ottawa ON K2B 5E6	NW/32.1	-4.53	51
12	GEN	Extendicare Canada Inc	99 New Orchard Av Ottawa ON K2B 5E6	NW/32.1	-4.53	51
12	EHS		99 New Orchard Ave Ottawa ON K2B5E6	NW/32.1	-4.53	52
12	EASR	EXTENDICARE (CANADA) INC.	99 NEW ORCHARD AVE OTTAWA ON K2B 5E6	NW/32.1	-4.53	52
13	WWIS		1071 RICHMOND RD OTTAWA ON ***Well ID:*** 7044334	SSW/40.1	0.06	52
14	SPL	Kiewit Eurovia Vinci	Byron Ave and Harcourt Ave Ottawa ON	E/40.2	1.93	56
15	SPL		Woodland Avenue and Byron Avenue, Ottawa, ON OTTAWA ON	SSE/42.5	1.88	57
16	SCT	Maxxeon Inc.	1025 Richmond Rd Suite 1108 Ottawa ON K2B 8G8	NNE/47.9	-3.09	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	EHS		108 New Orchard Ave Ottawa ON K2B 5E7	W/49.6	-4.39	58
18	EHS		1071 Richmond Rd. Ottawa ON K2B 6R2	SSW/51.1	0.06	58
19	SPL	PRIVATE RESIDENCE	MR. HERGET APT. BLDG 613-729-9437 1162 BYRON AVE. FURNACE OIL TANK OTTAWA CITY ON K2B 6T4	E/56.4	3.33	58
20	SPL		Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON OTTAWA ON	S/57.0	1.61	59
21	SPL		UTMs provided. Richmond & New Orcahrd Ave N Ottawa ON	SSW/58.8	1.61	60
22	EHS		100 New Orchard Ave Ottawa ON K2B5E7	WNW/70.6	-4.70	61
23	SPL		Ottawa ON	ENE/70.8	1.88	61
24	PTTW	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and	Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON	SSW/72.0	1.61	62
25	SPL	Kiewit Eurovia Vinci	Byron Ave @ Allison Ave Ottawa ON	ENE/73.1	1.88	62
25	SPL	Kiewit Eurovia Vinci	Allison Ave and Byron Ave Ottawa ON	ENE/73.1	1.88	63
26	BORE		ON	SW/73.1	-1.44	64
27	BORE		ON	SE/77.5	3.80	65

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	WWIS		ON ***Well ID:*** 1509027	SE/77.7	3.80	66
29	WWIS		lot 25 con 1 ON ***Well ID:*** 1503902	SSE/79.9	3.61	69
30	BORE		ON	W/80.7	-4.39	72
31	EHS		1071 Ambleside drive ottawa ON K2B 6V4	WSW/85.9	-4.09	73
31	EHS		1071 Ambleside Dr Ottawa ON K2B6V4	WSW/85.9	-4.09	73
31	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/85.9	-4.09	74
31	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/85.9	-4.09	74
32	PINC	PIPELINE HIT - 1/2"	211 WOODLAND AVENUE,,OTTAWA,ON, K2B 5C8,CA ON	SE/89.8	4.44	74
32	SPL	Enbridge Gas Distribution Inc.	211 woodland Dr Ottawa ON	SE/89.8	4.44	75
33	SPL	Kiewit Eurovia Vinci	North of Byron Ave and Allison Ave Ottawa ON	ENE/90.8	1.45	75
34	GEN	Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	S/100.3	1.91	76
34	GEN	Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	S/100.3	1.91	77
34	GEN	Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	S/100.3	1.91	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	SPL		Byron Avenue and New Orchard Avenue, Ottawa OTTAWA ON	S/100.3	1.91	77
34	SPL		New Orchard Avenue and Byron Avenue, Ottawa OTTAWA ON	S/100.3	1.91	78
35	CA	KAYSUSH DEVELOPMENTS LTD.	LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1	NE/108.2	-0.39	79
36	INC		1208 Byron Avenue, Ottawa ON	S/110.4	2.97	79
37	SPL		Lat 45.3731 91 Lon 75.779214 OTTAWA ON	SSW/112.8	0.69	80
38	SPL		45.37576, -75.77666 OTTAWA ON	ENE/120.6	1.29	81
39	WWIS		ON ***Well ID:*** 1507961	S/122.3	2.64	82
40	EBR	715137 Ontario Ltd.	1075 Richmond Road Ottawa Ontario Ottawa ON	SW/130.9	-0.09	84
40	CA	715137 Ontario Ltd.	1075 Richmond Road Ottawa ON K2B 6R2	SW/130.9	-0.09	85
40	EASR	1866688 Ontario Ltd	1075 RICHMOND RD OTTAWA ON K2B 6R2	SW/130.9	-0.09	85
40	ECA	715137 Ontario Ltd.	1075 Richmond Road Ottawa ON	SW/130.9	-0.09	85
41	SPL		178 Ancaster Avenue Ottawa ON K2B 5B3	ENE/135.4	3.67	86
42	PRT	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B6R1	NE/136.7	-1.48	87

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	GEN	TOPS CAR WASH LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	NE/136.7	-1.48	87
42	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	NE/136.7	-1.48	87
42	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	88
42	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	88
42	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	89
42	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	90
42	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	90
42	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/136.7	-1.48	90
42	EHS		979 Richmond Rd Ottawa ON K2B 6R1	NE/136.7	-1.48	90
43	BORE		ON	NW/138.1	-6.48	91
44	SPL	PRIVATE RESIDENCE	192 ANCASTER AVE (N.O.S.) OTTAWA ON K2B 5B3	E/148.5	4.56	92
45	SPL		1224 Byron Avenue ON	S/149.5	2.61	93
46	BORE		ON	WSW/152.2	-4.35	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
47	ECA	Paul and Elena Lungu	Ottawa ON K2W 1E7	E/153.6	5.46	96
48	WWIS		lot 25 con 1 ON ***Well ID:*** 1503894	WNW/155.1	-6.37	96
49	SPL		Byron Ave and Ancaster ave Ottawa OTTAWA ON	ENE/159.9	1.61	98
49	SPL		Byron Ave and Ancaster Ave, Ottawa ON	ENE/159.9	1.61	99
50	WWIS		lot 25 con 1 ON ***Well ID:*** 1503896	SE/163.6	5.61	100
51	BORE		ON	W/165.0	-5.39	103
52	SPL		Intersection of Byron Avenue and Ancaster Avenue, Ottawa OTTAWA ON	ENE/171.9	3.00	104
53	WWIS		ON ***Well ID:*** 1507778	ESE/172.5	5.61	105
54	EHS		1083 Ambleside Drive Ottawa ON K2B 8C8	SW/173.5	-2.55	107
55	SPL		Byron and Richardson Avenue Ottawa OTTAWA ON	SSW/177.1	1.66	108
55	SPL		Richardson Avenue & Byron Avenue Ottawa, ON OTTAWA ON	SSW/177.1	1.66	108
55	SPL		Byron Ave and Richardson Ave, Ottawa OTTAWA ON	SSW/177.1	1.66	109

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
56	SCT	Institute of Professional Management Inc.	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/178.9	-3.31	110
56	SCT	Assocation of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/178.9	-3.31	110
56	SCT	Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/178.9	-3.31	110
56	SCT	Assocn-Pro Recruiters of Cnd	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/178.9	-3.31	111
56	SCT	Institute of Professional Mgmt	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/178.9	-3.31	111
57	SPL		177 Ancaster Ave. OTTAWA ON	ENE/181.8	4.37	111
58	SPL	Kiewit Eurovia Vinci	Nepean Concession 1 ON Ottawa River, Lot 25 Ottawa ON	NE/183.4	-1.39	112
59	WWIS		ON ***Well ID:*** 1508046	ENE/187.4	4.37	113
60	BORE		ON	ENE/187.5	4.37	115
61	SPL	Kiewit Eurovia Vinci Ottawa Partnership	1068 Richmond Road Ottawa ON	SSW/190.0	0.38	116
61	SPL		1068 Richmond Rd, Ottawa, ON OTTAWA ON	SSW/190.0	0.38	117
62	WWIS		ON ***Well ID:*** 1508854	NNE/190.7	-4.39	118
63	WWIS		lot 25 con 1 ON ***Well ID:*** 1503898	E/191.3	5.61	120

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
64	WWIS		ON **Well ID:** 1508934	WNW/192.4	-6.54	124
65	BORE		ON	SSW/198.8	0.38	127
66	EHS		243 New Orchard Avenue Ottawa ON K2B	SSE/201.7	5.64	128
67	BORE		ON	W/208.8	-6.39	129
68	WWIS		ON **Well ID:** 1508855	NNE/210.0	-4.31	130
69	BORE		ON	S/211.0	3.64	132
70	WWIS		ON **Well ID:** 1508933	WNW/211.6	-11.39	134
71	WWIS		ON **Well ID:** 1508258	SSW/222.2	2.56	137
72	WWIS		ON **Well ID:** 1508935	WNW/224.3	-11.39	140
73	WWIS		ON **Well ID:** 1507779	SE/225.6	6.61	143
74	WWIS		ON **Well ID:** 1508936	NNW/225.8	-7.35	146
75	WWIS		lot 25 con 1 ON **Well ID:** 1503899	NW/226.6	-11.39	149
76	CA	OTTAWA CITY	COMPTON AVE/ANTHONY AVE/BYRON OTTAWA CITY ON	E/227.5	5.61	152

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
77	SPL	Kiewit Eurovia Vinci Ottawa Partnership	Compton Ave and Byron Ave Ottawa ON	ENE/239.0	2.55	153
78	WWIS		ON ***Well ID:*** 1508044	ENE/240.8	5.61	153
79	WWIS		ON ***Well ID:*** 1508898	WNW/241.4	-11.39	157
80	WWIS		ON ***Well ID:*** 1507780	ESE/241.5	6.61	160
81	BORE		ON	E/242.4	6.61	162
82	WWIS		ON ***Well ID:*** 1507805	E/242.5	6.61	163
83	GEN	CCC91	1100 Ambleside Drive Ottawa ON K2B 8G6	SW/243.3	-1.36	166
84	SPL	FRANCIS FUELS	235 ALISON AVE. TANK TRUCK (CARGO) OTTAWA CITY ON	ESE/244.1	6.61	166
85	WWIS		lot 25 con 1 ON ***Well ID:*** 1503895	SE/245.5	6.61	167
86	SPL	Enbridge Energy Distribution Inc.	220 Compton Ave Ottawa ON	E/246.6	6.61	170
87	SCT	GRAFICO SIGNS	247 HARCOURT AVE OTTAWA ON K2B 5C2	SE/251.8	6.61	170
88	WWIS		lot 25 con 1 ON ***Well ID:*** 1503890	E/253.7	5.61	171
89	WWIS		lot 25 con 1 ON ***Well ID:*** 1503889	E/261.3	6.61	173

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
90	WWIS		lot 25 con 1 ON ***Well ID:*** 1503897	SE/262.6	6.61	176
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	178
91	GEN	HULSE, PLAYFAIR & MCGARRY INC. 44-227	WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	179
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	179
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON	ENE/265.7	3.71	180
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	180
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	180
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	181
91	GEN	HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	ENE/265.7	3.71	181
92	WWIS		lot 25 con 1 ON ***Well ID:*** 1503893	ESE/272.1	6.61	181
93	ECA	City of Ottawa	87 Pooler Ave Ottawa ON K2G 6J8	NNE/273.9	-3.39	184
94	WWIS		lot 25 con 1 ON ***Well ID:*** 1503892	W/275.5	-6.39	184
95	WWIS		1142 RICHMOND ROAD OTTAWA ON	SW/279.6	-0.39	187

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1535367			
96	ECA	The Corporation of the City of Ottawa	Wentworth Ave Ottawa ON K1N 5A1	SSW/281.8	-0.09	189
97	GEN	SAIKALEY REALTY	945 RICHMOND ROAD OTTAWA ON	NE/288.1	0.16	190
98	EHS		170 Woodroffe Avenue Ottawa ON	ENE/288.8	5.30	190
99	SPL	Enbridge Gas Distribution Inc.	1991 Anthony St. Ottawa ON	ENE/289.0	5.61	190
100	INC		250 ANCASTER AVENUE, OTTAWA ON K2B 5B4	ESE/297.2	6.61	191
101	EASR	TELECON INC.	1136 Richmond RD Ottawa ON K2B 8B0	SSW/297.2	-0.39	192
102	SPL	Enbridge Gas Distribution Inc.	82 Orvigale Ave. Ottawa ON	NNE/297.9	-3.23	192
102	PINC	PIPELINE HIT 1/2"	82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2, CA ON	NNE/297.9	-3.23	193
103	SCT	A K FUR MANUFACTURING	212 WOODROFFE AVE OTTAWA ON K2A 3V4	E/298.3	6.61	194
103	SCT	A & C Fur Creations Inc.	212 Woodroffe Ave Ottawa ON K2A 3V4	E/298.3	6.61	194

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 11 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	73.1	26
	ON	77.5	27
	ON	80.7	30
	ON	138.1	43
	ON	152.2	46
	ON	165.0	51
	ON	187.5	60
	ON	198.8	65
	ON	208.8	67

Site	Address	Distance (m)	Map Key
	ON	211.0	69
	ON	242.4	81

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
METRO PLYMOUTH-CHRYSLER LIMITED	1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	0.0	1
R.M. OF OTTAWA-CARLETON	NEW ORCHARD AVE/AMBLESIDE DR. OTTAWA ON	9.4	10
KAYSUSH DEVELOPMENTS LTD.	LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1	108.2	35
715137 Ontario Ltd.	1075 Richmond Road Ottawa ON K2B 6R2	130.9	40
OTTAWA CITY	COMPTON AVE/ANTHONY AVE/BYRON OTTAWA CITY ON	227.5	76

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Oct 2023 has found that there are 4 DTNK site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	136.7	42

Site	Address	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Apr 30, 2024 has found that there are 4 EASR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Metro Plymouth Chrysler Ltd.	1047 RICHMOND RD OTTAWA ON K2B 6R1	0.0	1
EXTENDICARE (CANADA) INC.	99 NEW ORCHARD AVE OTTAWA ON K2B 5E6	32.1	12
1866688 Ontario Ltd	1075 RICHMOND RD OTTAWA ON K2B 6R2	130.9	40
TELECON INC.	1136 Richmond RD Ottawa ON K2B 8B0	297.2	101

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Mar 31, 2024 has found that there are 2 EBR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Metro Plymouth-chrysler Ltd.	1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	0.0	1

Site	Address	Distance (m)	Map Key
715137 Ontario Ltd.	1075 Richmond Road Ottawa Ontario Ottawa ON	130.9	40

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2024 has found that there are 4 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
715137 Ontario Ltd.	1075 Richmond Road Ottawa ON	130.9	40
Paul and Elena Lungu	 Ottawa ON K2W 1E7	153.6	47
City of Ottawa	87 Pooler Ave Ottawa ON K2G 6J8	273.9	93
The Corporation of the City of Ottawa	Wentworth Ave Ottawa ON K1N 5A1	281.8	96

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 15 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1047 Richmond Road Ottawa ON K2B 6R1	0.0	1
	1047 Richmond Road, Ottawa, ON Ottawa ON	0.0	1
	99 New Orchard Ave Ottawa ON K2B5E6	32.1	12

Site	Address	Distance (m)	Map Key
	99 New Orchard Avenue Ottawa ON K2B 5E6	32.1	12
	108 New Orchard Ave Ottawa ON K2B 5E7	49.6	17
	1071 Richmond Rd. Ottawa ON K2B 6R2	51.1	18
	100 New Orchard Ave Ottawa ON K2B5E7	70.6	22
	1071 Ambleside Drive Ottawa ON K2B 6V4	85.9	31
	1071 Ambleside Dr Ottawa ON K2B6V4	85.9	31
	1071 Ambleside drive ottawa ON K2B 6V4	85.9	31
	1071 Ambleside Drive Ottawa ON K2B 6V4	85.9	31
	979 Richmond Rd Ottawa ON K2B 6R1	136.7	42
	1083 Ambleside Drive Ottawa ON K2B 8C8	173.5	54
	243 New Orchard Avenue Ottawa ON K2B	201.7	66
	170 Woodroffe Avenue Ottawa ON	288.8	98

Site	Address	Distance (m)	Map Key

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Oct 2023 has found that there are 3 EXP site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	42

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 17 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
METRO CHRYSLER	1047 Richmond Rd Ottawa ON K2B 6R1	0.0	1
Extendicare Canada Inc	99 New Orchard Av Ottawa ON K2B 5E6	32.1	12
Extenicare Canada Inc.	99 New Orchard Ave Ottawa ON K2B 5E6	32.1	12
Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	100.3	34
Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	100.3	34

Site	Address	Distance (m)	Map Key
Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	100.3	34
TOPS CAR WASH LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	136.7	42
CCC91	1100 Ambleside Drive Ottawa ON K2B 8G6	243.3	83
HULSE, PLAYFAIR & MCGARRY INC.	WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC. 44-227	WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91
HULSE, PLAYFAIR & MCGARRY INC.	150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	265.7	91

Site	Address	Distance (m)	Map Key
SAIKALEY REALTY	945 RICHMOND ROAD OTTAWA ON	288.1	97

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated 31 Oct, 2023 has found that there are 2 INC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1208 Byron Avenue, Ottawa ON	110.4	36
	250 ANCASTER AVENUE, OTTAWA ON K2B 5B4	297.2	100

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PIPELINE HIT - 1/2"	211 WOODLAND AVENUE,,OTTAWA,ON, K2B 5C8,CA ON	89.8	32
PIPELINE HIT 1/2"	82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2, CA ON	297.9	102

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B6R1	136.7	42

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Mar 31, 2024 has found that there are 1 PTTW site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and	Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON	72.0	24

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 9 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Maxxeon Inc.	1025 Richmond Rd Suite 1108 Ottawa ON K2B 8G8	47.9	16
Institute of Professional Management Inc.	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	178.9	56
Assocation of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	178.9	56
Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	178.9	56
Institute of Professional Mgmt	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	178.9	56
Assocn-Pro Recruiters of Cnd	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	178.9	56
GRAFICO SIGNS	247 HARCOURT AVE OTTAWA ON K2B 5C2	251.8	87
A & C Fur Creations Inc.	212 Woodroffe Ave Ottawa ON K2A 3V4	298.3	103

Site	Address	Distance (m)	Map Key
A K FUR MANUFACTURING	212 WOODROFFE AVE OTTAWA ON K2A 3V4	298.3	103

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 34 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Kiewit<UNOFFICIAL>	Richmond Road between Woodland and Harcourt Ottawa ON	6.6	9
	Ottawa ON	29.4	11
Kiewit Eurovia Vinci	Byron Ave and Harcourt Ave Ottawa ON	40.2	14
	Woodland Avenue and Byron Avenue, Ottawa, ON OTTAWA ON	42.5	15
PRIVATE RESIDENCE	MR. HERGET APT. BLDG 613-729-9437 1162 BYRON AVE. FURNACE OIL TANK OTTAWA CITY ON K2B 6T4	56.4	19
	Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON OTTAWA ON	57.0	20
	UTMs provided. Richmond & New Orcahrd Ave N Ottawa ON	58.8	21
	Ottawa ON	70.8	23

Site	Address	Distance (m)	Map Key
Kiewit Eurovia Vinci	Byron Ave @ Allison Ave Ottawa ON	73.1	25
Kiewit Eurovia Vinci	Allison Ave and Byron Ave Ottawa ON	73.1	25
Enbridge Gas Distribution Inc.	211 woodland Dr Ottawa ON	89.8	32
Kiewit Eurovia Vinci	North of Byron Ave and Allison Ave Ottawa ON	90.8	33
	Byron Avenue and New Orchard Avenue, Ottawa OTTAWA ON	100.3	34
	New Orchard Avenue and Byron Avenue, Ottawa OTTAWA ON	100.3	34
	Lat 45.3731 91 Lon 75.779214 OTTAWA ON	112.8	37
	45.37576, -75.77666 OTTAWA ON	120.6	38
	178 Ancaster Avenue Ottawa ON K2B 5B3	135.4	41
PRIVATE RESIDENCE	192 ANCASTER AVE (N.O.S.) OTTAWA ON K2B 5B3	148.5	44
	1224 Byron Avenue ON	149.5	45
	Byron Ave and Ancaster ave Ottawa OTTAWA ON	159.9	49

Site	Address	Distance (m)	Map Key
	Byron Ave and Ancaster Ave, Ottawa ON	159.9	49
	Intersection of Byron Avenue and Ancaster Avenue, Ottawa OTTAWA ON	171.9	52
	Byron and Richardson Avenue Ottawa OTTAWA ON	177.1	55
	Richardson Avenue & Byron Avenue Ottawa, ON OTTAWA ON	177.1	55
	Byron Ave and Richardson Ave, Ottawa OTTAWA ON	177.1	55
	177 Ancaster Ave. OTTAWA ON	181.8	57
Kiewit Eurovia Vinci	Nepean Concession 1 ON Ottawa River, Lot 25 Ottawa ON	183.4	58
Kiewit Eurovia Vinci Ottawa Partnership	1068 Richmond Road Ottawa ON	190.0	61
	1068 Richmond Rd, Ottawa, ON OTTAWA ON	190.0	61
Kiewit Eurovia Vinci Ottawa Partnership	Compton Ave and Byron Ave Ottawa ON	239.0	77
FRANCIS FUELS	235 ALISON AVE. TANK TRUCK (CARGO) OTTAWA CITY ON	244.1	84

Site	Address	Distance (m)	Map Key
Enbridge Energy Distribution Inc.	220 Compton Ave Ottawa ON	246.6	86
Enbridge Gas Distribution Inc.	1991 Anthony St. Ottawa ON	289.0	99
Enbridge Gas Distribution Inc.	82 Orvigale Ave. Ottawa ON	297.9	102

WWIS - Water Well Information System

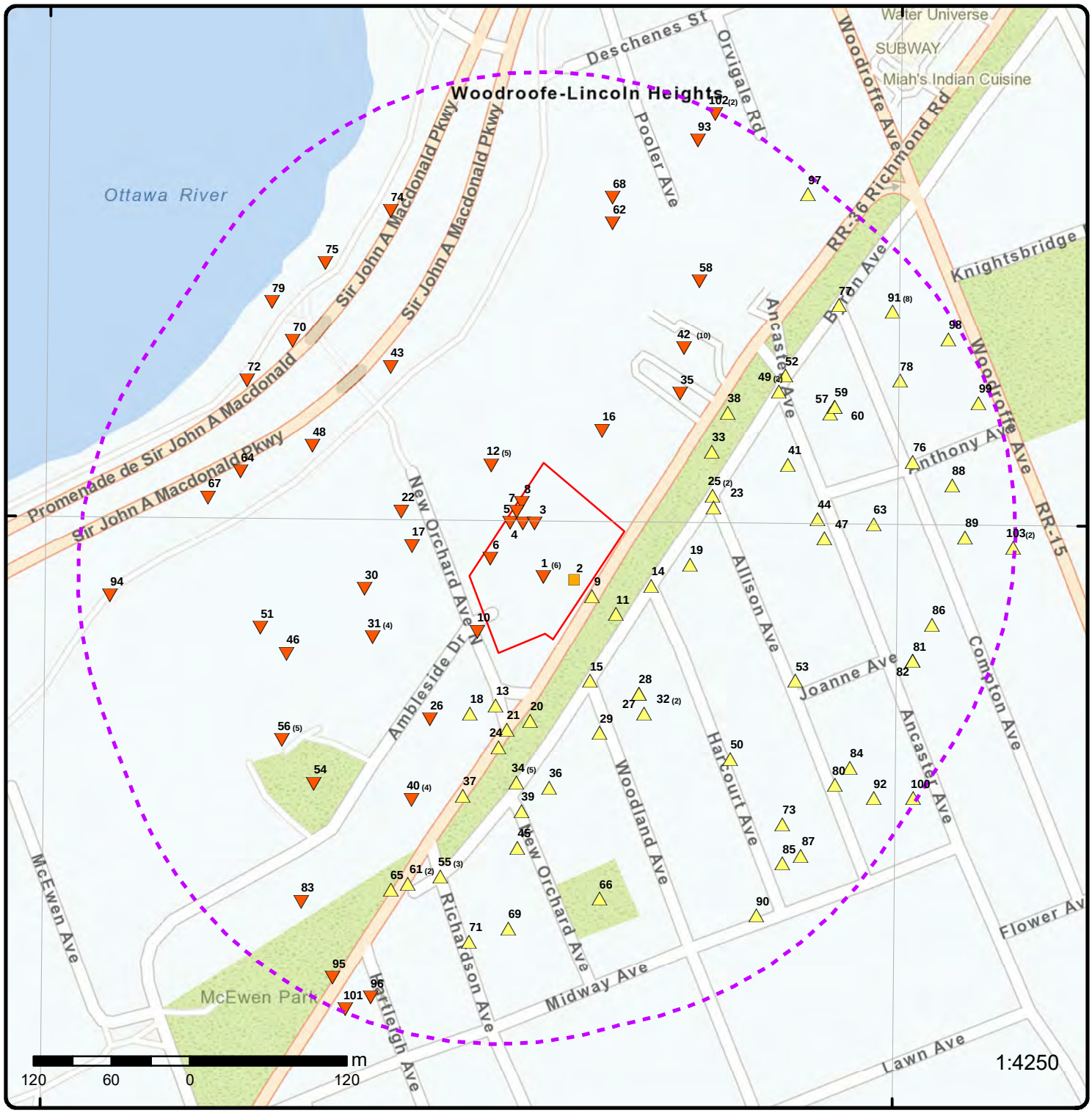
A search of the WWIS database, dated Dec 31 2023 has found that there are 36 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7419639	0.0	2
	ON ***Well ID:*** 7419640	0.0	3
	ON ***Well ID:*** 7419636	0.0	4
	ON ***Well ID:*** 7419637	0.0	5
	99 NEW ORCHARD AVE. OTTAWA ON ***Well ID:*** 7039988	0.0	6
	ON ***Well ID:*** 7409367	0.0	7
	ON	0.0	8

Site	Address	Distance (m)	Map Key
	Well ID: 7409366		
	1071 RICHMOND RD OTTAWA ON ***Well ID:*** 7044334	40.1	13
	ON ***Well ID:*** 1509027	77.7	28
	lot 25 con 1 ON ***Well ID:*** 1503902	79.9	29
	ON ***Well ID:*** 1507961	122.3	39
	lot 25 con 1 ON ***Well ID:*** 1503894	155.1	48
	lot 25 con 1 ON ***Well ID:*** 1503896	163.6	50
	ON ***Well ID:*** 1507778	172.5	53
	ON ***Well ID:*** 1508046	187.4	59
	ON ***Well ID:*** 1508854	190.7	62
	lot 25 con 1 ON ***Well ID:*** 1503898	191.3	63
	ON ***Well ID:*** 1508934	192.4	64

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 1508855	210.0	68
	ON ***Well ID:*** 1508933	211.6	70
	ON ***Well ID:*** 1508258	222.2	71
	ON ***Well ID:*** 1508935	224.3	72
	ON ***Well ID:*** 1507779	225.6	73
	ON ***Well ID:*** 1508936	225.8	74
	lot 25 con 1 ON ***Well ID:*** 1503899	226.6	75
	ON ***Well ID:*** 1508044	240.8	78
	ON ***Well ID:*** 1508898	241.4	79
	ON ***Well ID:*** 1507780	241.5	80
	ON ***Well ID:*** 1507805	242.5	82
	lot 25 con 1 ON	245.5	85

Site	Address	Distance (m)	Map Key
	Well ID: 1503895		
	lot 25 con 1 ON ***Well ID:*** 1503890	253.7	88
	lot 25 con 1 ON ***Well ID:*** 1503889	261.3	89
	lot 25 con 1 ON ***Well ID:*** 1503897	262.6	90
	lot 25 con 1 ON ***Well ID:*** 1503893	272.1	92
	lot 25 con 1 ON ***Well ID:*** 1503892	275.5	94
	1142 RICHMOND ROAD OTTAWA ON ***Well ID:*** 1535367	279.6	95



Map: 0.3 Kilometer Radius

Order Number: 24062502224

Address: n/a, Ottawa, ON

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

Source: © 2021 ESRI StreetMap Premium.

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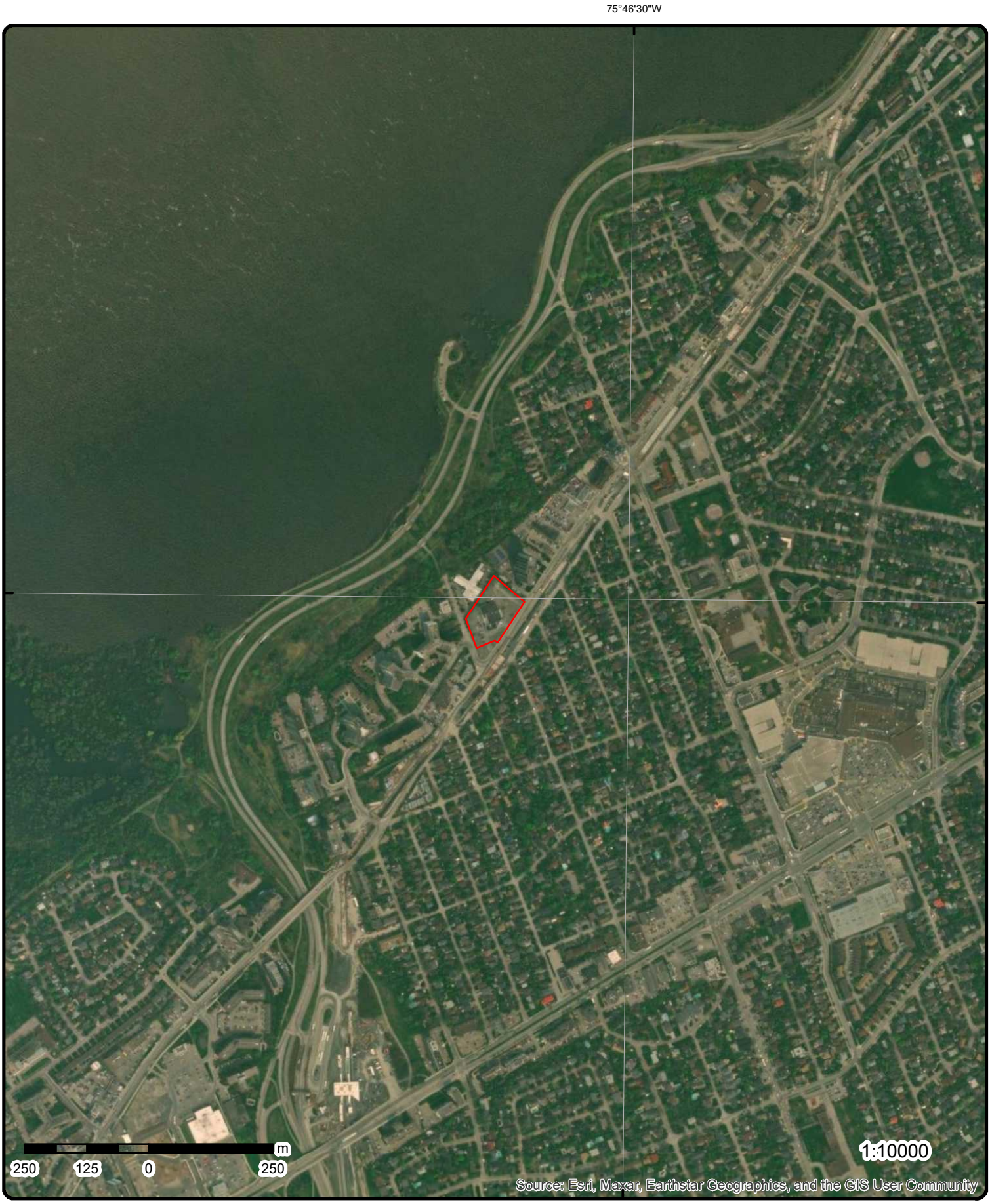

Aerial **Year: 2023**

Address: n/a, Ottawa, ON

Source: ESRI World Imagery

Order Number: 24062502224

ERIS

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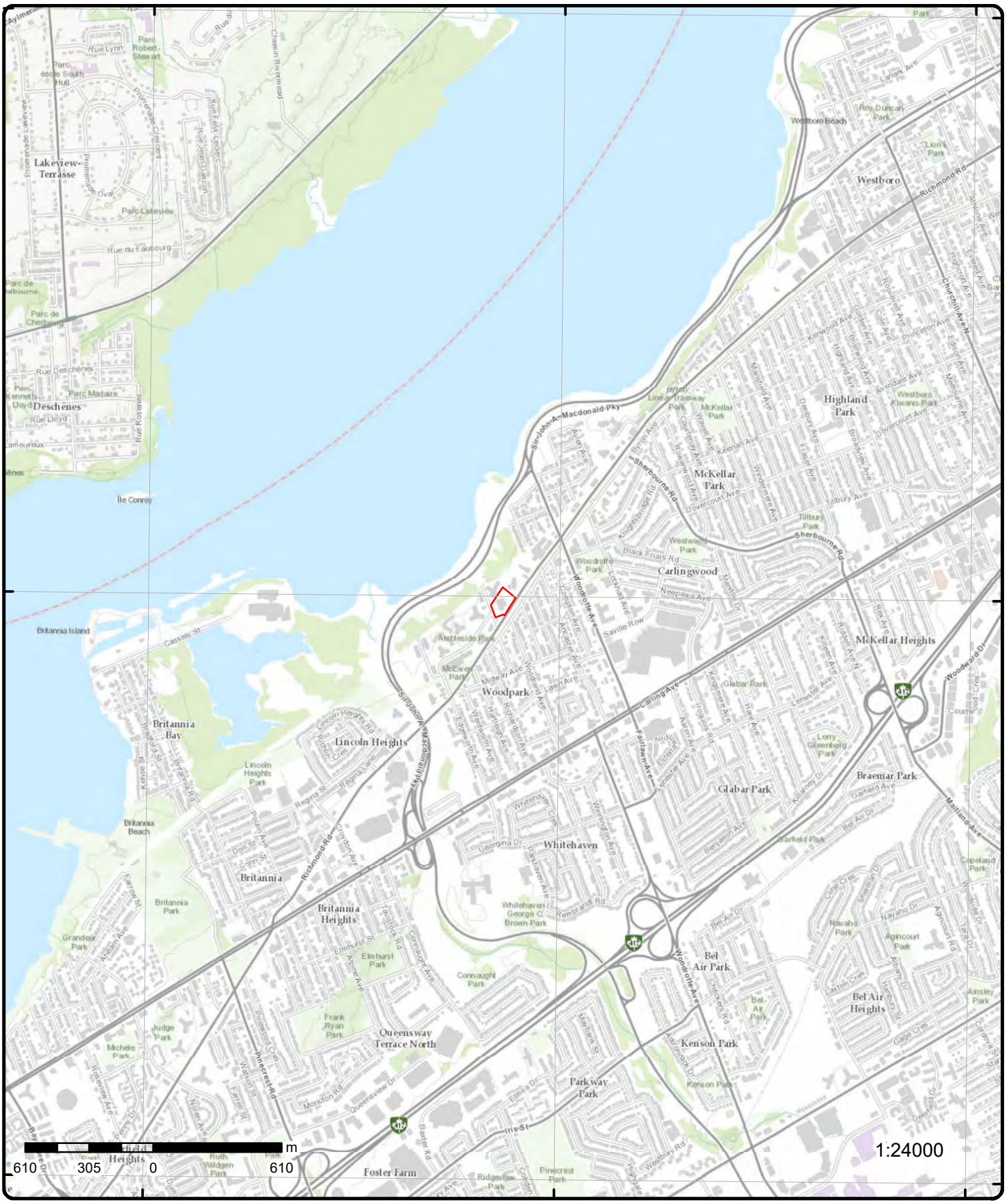

Topographic Map

Address: n/a, ON

Source: ESRI World Topographic Map

Order Number: 24062502224

ERIS

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 6	S/0.0	63.6 / -0.67	METRO PLYMOUTH-CHRYSLER LIMITED 1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	CA

Certificate #: 8-4122-97-
Application Year: 97
Issue Date: 9/9/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WASTE OIL FURNACE MODEL CB-5000
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 6	S/0.0	63.6 / -0.67	Metro Plymouth-chrysler Ltd. 1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	EBR

EBR Registry No: IA7E1127
Ministry Ref No: 8412297 19970715
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 09, 1997
Proposal Date: July 31, 1997
Year: 1997
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Metro Plymouth-chrysler Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1047 Richmond Road, Ottawa Ontario, K2B 6R1
Comment Period:
URL:

Site Location Details:

1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 6	S/0.0	63.6 / -0.67	Metro Plymouth Chrysler Ltd. 1047 RICHMOND RD OTTAWA ON K2B 6R1	EASR

Approval No: R-001-6266482893
Status: REGISTERED
MOE District: Ottawa
Municipality: OTTAWA

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

Date:	2012-10-30	**Latitude:**	45.374634
Record Type:	EASR	**Longitude:**	-75.77845
Link Source:	MOFA	**Geometry X:**	
Project Type:	Automotive Refinishing Facility	**Geometry Y:**	
Full Address:			
Approval Type:	EASR-Automotive Refinishing Facility		
SWP Area Name:	Rideau Valley		
PDF NAICS Code:			
PDF URL:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 6	S/0.0	63.6 / -0.67	METRO CHRYSLER 1047 Richmond Rd Ottawa ON K2B 6R1	GEN

Generator No:	ON3489345
SIC Code:	
SIC Description:	
Approval Years:	As of Nov 2021
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	251 L
Waste Class Name:	Waste oils/sludges (petroleum based)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	5 of 6	S/0.0	63.6 / -0.67	1047 Richmond Road, Ottawa, ON Ottawa ON	EHS

Order No:	23062000545	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	23-JUN-23	**Search Radius (km):**	.25
Date Received:	20-JUN-23	**X:**	-75.77862607
Previous Site Name:		**Y:**	45.37405835
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	6 of 6	S/0.0	63.6 / -0.67	1047 Richmond Road Ottawa ON K2B 6R1	EHS

Order No:	21083000552	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	14-SEP-21	**Search Radius (km):**	.25
Date Received:	30-AUG-21	**X:**	-75.7784471
Previous Site Name:		**Y:**	45.3746125
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	ESE/0.0	64.3 / 0.00		WWIS

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

ON

Well ID:	7419639	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	06/09/2022
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z379481	**Contractor:**	7241
Tag:	A349386	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1009057993	**Tag No:**	A349386
Depth M:		**Contractor:**	7241
Year Completed:	2022	**Latitude:**	45.3745949533653
Well Completed Dt:	05/12/2022	**Longitude:**	-75.7781479545996
Audit No:	Z379481	**Y:**	45.37459494600888
Path:		**X:**	-75.77814779305046

Bore Hole Information

Bore Hole ID:	1009057993	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439071.00
Code OB Desc:		**North83:**	5024859.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05/12/2022	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	NNW/0.0	62.4 / -1.90		WWIS

ON

Well ID:	7419640	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	06/09/2022
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z379480	**Contractor:**	7241
Tag:	A349390	**Form Version:**	7

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

Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1009057996	**Tag No:**	A349390
Depth M:		**Contractor:**	7241
Year Completed:	2022	**Latitude:**	45.3749793641701
Well Completed Dt:	05/12/2022	**Longitude:**	-75.7785363714733
Audit No:	Z379480	**Y:**	45.37497935738921
Path:		**X:**	-75.7785362091466

Bore Hole Information

Bore Hole ID:	1009057996	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439041.00
Code OB Desc:		**North83:**	5024902.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05/12/2022	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	NW/0.0	62.3 / -2.00	ON	WWIS

Well ID:	7419636	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	06/09/2022
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z385921	**Contractor:**	7241
Tag:	A349384	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1009057984	***Tag No:***	A349384
Depth M:		***Contractor:***	7241
Year Completed:	2022	***Latitude:***	45.3749785806806
Well Completed Dt:	05/09/2022	***Longitude:***	-75.7786513040808
Audit No:	Z385921	***Y:***	45.37497857428102
Path:		***X:***	-75.77865114226095

Bore Hole Information

Bore Hole ID:	1009057984	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439032.00
Code OB Desc:		***North83:***	5024902.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	05/09/2022	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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5 ***1 of 1*** ***NW/0.0*** ***62.3 / -2.00*** ***ON*** ***WWIS***

Well ID:	7419637	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	06/09/2022
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z385920	***Contractor:***	7241
Tag:	A349385	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1009057987	***Tag No:***	A349385
Depth M:		***Contractor:***	7241
Year Completed:	2022	***Latitude:***	45.3749867105019
Well Completed Dt:	04/09/2022	***Longitude:***	-75.7787791305183
Audit No:	Z385920	***Y:***	45.37498670452635
Path:		***X:***	-75.77877896888961

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

Bore Hole Information

Bore Hole ID:	1009057987	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439022.00
Code OB Desc:		***North83:***	5024903.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	04/09/2022	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

6	*1 of 1*	*W/0.0*	*61.7 / -2.59*	***99 NEW ORCHARD AVE. OTTAWA ON***	***WWIS***

Well ID:	7039988	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Test Hole	***Date Received:***	01/25/2007
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z34829	***Contractor:***	6964
Tag:	A032132	***Form Version:***	3
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/07/2006
Year Completed:	2006
Depth (m):	4.15
Latitude:	45.3747333902008
Longitude:	-75.7789672247637
X:	-75.77896706349291
Y:	45.37473338302534
Path:	703\7039988.pdf

Bore Hole Information

Bore Hole ID:	11762304	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439007.00

Code OB Desc:		**North83:**	5024875.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	12/07/2006	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933089092
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	84
Material 2 Desc:	SILTY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.6000000238418579
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933089093
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.6000000238418579
Formation End Depth:	1.2000000476837158
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933089094
Layer:	3
Color:	
General Color:	
Material 1:	
Material 1 Desc:	
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.2000000476837158
Formation End Depth:	1.5499999523162842
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933089095
Layer:	4
Color:	
General Color:	
Material 1:	
Material 1 Desc:	
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.5499999523162842
Formation End Depth:	4.150000095367432
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933312589
Layer:	2
Plug From:	1.2999999523162842
Plug To:	1.600000023841858
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933312588
Layer:	1
Plug From:	0.30000001192092896
Plug To:	0.6000000238418579
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967039988
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	11769994
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930894859
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.10000000149011612
Depth To:	1.7000000476837158
Casing Diameter:	3.5
Casing Diameter UOM:	cm

Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933422744
Layer: 1
Slot: 10
Screen Top Depth: 1.7000000476837158
Screen End Depth: 4.150000095367432
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.099999904632568

Hole Diameter

Hole ID: 11848468
Diameter: 6.0
Depth From: 1.2999999523162842
Depth To: 1.600000023841858
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11848467
Diameter: 4.699999809265137
Depth From: 1.600000023841858
Depth To: 4.150000095367432
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11848469
Diameter: 7.5
Depth From: 0.0
Depth To: 1.2999999523162842
Hole Depth UOM: m
Hole Diameter UOM: cm

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7 ***1 of 1*** ***NW/0.0*** ***60.9 / -3.39*** ***ON*** ***WWIS***

Well ID: 7409367
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z379457
Tag: A338293
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 02/02/2022
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008965003	**Tag No:**	A338293
Depth M:		**Contractor:**	7241
Year Completed:	2021	**Latitude:**	45.3750591498658
Well Completed Dt:	12/21/2021	**Longitude:**	-75.7787162673508
Audit No:	Z379457	**Y:**	45.37505914336989
Path:		**X:**	-75.77871610569902

Bore Hole Information

Bore Hole ID:	1008965003	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439027.00
Code OB Desc:		**North83:**	5024911.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/21/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

8 ***1 of 1*** ***NNW/0.0*** ***60.9 / -3.39*** ***ON*** ***WWIS***

Well ID:	7409366	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	02/02/2022
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z379456	**Contractor:**	7241
Tag:	A338292	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008964994	**Tag No:**	A338292
Depth M:		**Contractor:**	7241
Year Completed:	2021	**Latitude:**	45.3751225016326
Well Completed Dt:	12/21/2021	**Longitude:**	-75.7786660508187

Audit No:	Z379456	**Y:**	45.37512249525717
Path:		**X:**	-75.77866588898756

Bore Hole Information

Bore Hole ID:	1008964994	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439031.00
Code OB Desc:		**North83:**	5024918.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/21/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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9 | **1 of 1** | **ESE/6.6** | **64.5 / 0.22** | **Kiewit<UNOFFICIAL>**
Richmond Road between Woodland and Harcourt
Ottawa ON | **SPL**

Ref No:	3184-BE4KCT	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	7/15/2019	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	7/15/2019	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:		**Agency Involved:**	

Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Project area<UNOFFICIAL>
Site Address: Richmond Road between Woodland and Harcourt
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5024846.56
Easting: 439084.6
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0.5 L
System Facility Address:
Client Name: Kiewit<UNOFFICIAL>
Client Type:
Source Type: Drilling Operation
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a

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

Receiving Medium: Land
Incident Reason: Equipment Failure
Incident Summary: Kiewit: half litre hyd oil to grass, cleaned.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: Primary Assessment of Spills
Call Report Locatn Geodata:

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10 | **1 of 1** | **SW/9.4** | **62.8 / -1.44** | **R.M. OF OTTAWA-CARLETON NEW ORCHARD AVE/AMBLESIDE DR. OTTAWA ON** | **CA**

Certificate #: 7-1035-98-
Application Year: 98
Issue Date: 10/21/1998
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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11 | **1 of 1** | **ESE/29.4** | **66.1 / 1.88** | **Ottawa ON** | **SPL**

Ref No: 2228-BT2RUE
Year:
Incident Dt: 2020/09/01
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/09/01
Dt Document Closed: 2021/03/29
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: OC Transpo LRT site<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5024833
Easting: 439103
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 1 L
System Facility Address:
Client Name:
Client Type:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

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

Source Type: Truck - Transport/Hauling
Contaminant Code: 27
Contaminant Name: OIL ADDITIVES
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium: Land
Incident Reason: Equipment Failure
Incident Summary: KEV: ~ 1 Ldrilling fluid to ground, cntd & clnd
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class:
Call Report Locatn Geodata:

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12 | ***1 of 5*** | ***NW/32.1*** | ***59.7 / -4.53*** | ***99 New Orchard Avenue Ottawa ON K2B 5E6*** | ***EHS***

Order No: 20060329081
Status: C
Report Type: Complete Report
Report Date: 4/4/2006
Date Received: 3/29/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: MD
Search Radius (km): 0.25
X: -75.779095
Y: 45.375261

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12 | ***2 of 5*** | ***NW/32.1*** | ***59.7 / -4.53*** | ***Extenicare Canada Inc. 99 New Orchard Ave Ottawa ON K2B 5E6*** | ***GEN***

Generator No: ON9366274
SIC Code: 623999
SIC Description: All Other Residential Care Facilities
Approval Years: 06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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12 | ***3 of 5*** | ***NW/32.1*** | ***59.7 / -4.53*** | ***Extendicare Canada Inc 99 New Orchard Av Ottawa ON K2B 5E6*** | ***GEN***

Generator No: ON3960850
SIC Code: 623310
SIC Description: Community Care Facilities for the Elderly
Approval Years: 2010

PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

---

12 | **4 of 5** | **NW/32.1** | **59.7 / -4.53** | **99 New Orchard Ave Ottawa ON K2B5E6** | **EHS**

Order No: 20140505015
Status: C
Report Type: Custom Report
Report Date: 08-MAY-14
Date Received: 05-MAY-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.778967
Y: 45.375378

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12 | **5 of 5** | **NW/32.1** | **59.7 / -4.53** | **EXTENDICARE (CANADA) INC. 99 NEW ORCHARD AVE OTTAWA ON K2B 5E6** | **EASR**

Approval No: R-002-1469597070
Status: REGISTERED
Date: 2014-12-10
Record Type: EASR
Link Source: MOFA
Project Type: Standby Power System
Full Address:
Approval Type: EASR-Standby Power System
SWP Area Name: Rideau Valley
PDF NAICS Code:
PDF URL:
PDF Site Location:

MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.37472222
Longitude: -75.77944444
Geometry X:
Geometry Y:

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13 | **1 of 1** | **SSW/40.1** | **64.3 / 0.06** | **1071 RICHMOND RD OTTAWA ON** | **WWIS**

Well ID: 7044334
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z70111
Tag: A019077
Constructn Method:
Elevation (m):
Elevatn Reliabilty:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 06/04/2007
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6838
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot:

Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044334.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/22/2007
Year Completed:	2007
Depth (m):	3.6
Latitude:	45.3737256823913
Longitude:	-75.7789023047482
X:	-75.77890214325282
Y:	45.373725675461415
Path:	704\7044334.pdf

Bore Hole Information

Bore Hole ID:	11766825	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439011.00
Code OB Desc:		**North83:**	5024763.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	05/22/2007	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933102598
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	84
Material 2 Desc:	SILTY
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	0.8999999761581421
Formation End Depth:	1.7999999523162842
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933102599

Layer: 5
Color: 7
General Color: RED
Material 1: 34
Material 1 Desc: TILL
Material 2: 84
Material 2 Desc: SILTY
Material 3: 28
Material 3 Desc: SAND
Formation Top Depth: 1.7999999523162842
Formation End Depth: 2.200000047683716
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933102596
Layer: 2
Color: 2
General Color: GREY
Material 1: 01
Material 1 Desc: FILL
Material 2: 84
Material 2 Desc: SILTY
Material 3: 28
Material 3 Desc: SAND
Formation Top Depth: 0.10000000149011612
Formation End Depth: 0.30000001192092896
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933102600
Layer: 6
Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2: 17
Material 2 Desc: SHALE
Material 3:
Material 3 Desc:
Formation Top Depth: 2.200000047683716
Formation End Depth: 3.5999999046325684
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933102597
Layer: 3
Color: 5
General Color: YELLOW
Material 1: 01
Material 1 Desc: FILL
Material 2: 84
Material 2 Desc: SILTY
Material 3: 28
Material 3 Desc: SAND
Formation Top Depth: 0.30000001192092896
Formation End Depth: 0.8999999761581421
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	933102595
Layer:	1
Color:	
General Color:	
Material 1:	12
Material 1 Desc:	STONES
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.10000000149011612
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320020
Layer:	1
Plug From:	0.0
Plug To:	0.30000001192092896
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967044334
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	11774515
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930900097
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	0.6000000238418579
Casing Diameter:	5.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933424702
Layer:	1
Slot:	10
Screen Top Depth:	0.6000000238418579
Screen End Depth:	3.5999999046325684

Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	5.0

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	997044334
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:	3
Water State After Test:	OTHER
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Hole Diameter

Hole ID:	11853348
Diameter:	20.0
Depth From:	0.0
Depth To:	3.5999999046325684
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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14 | ***1 of 1*** | ***E/40.2*** | ***66.2 / 1.93*** | ***Kiewit Eurovia Vinci***
Byron Ave and Harcourt Ave
Ottawa ON | ***SPL***

Ref No:	1468-BUSKZR	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	10/26/2020	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	10/27/2020	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2/9/2021	**Agency Involved:**	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	spill <UNOFFICIAL>		
Site Address:	Byron Ave and Harcourt Ave		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5024864		
Easting:	439136		
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			

Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	0.5 L
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Source Type:	Motor Vehicle
Contaminant Code:	15
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Source Water Zone
Incident Reason:	Equipment Failure
Incident Summary:	KEV: motor oil to clay clnd 0.5 L
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	
Call Report Locatn Geodata:	

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15 | ***1 of 1*** | ***SSE/42.5*** | ***66.1 / 1.88*** | ***Woodland Avenue and Byron Avenue, Ottawa, ON***
OTTAWA ON | ***SPL***

Ref No:	1-19OWU8	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	9/21/2021 12:00:00 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	9/21/2021 12:24:34 PM	**Impact to Health:**	0 No Impact
Dt Document Closed:	11/10/2021 2:02:53 PM	**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	Woodland Avenue and Byron Avenue, Ottawa, ON		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	180 litre (L)		
System Facility Address:			
Client Name:			
Client Type:			
Source Type:	Sewer (Private or Municipal)		
Contaminant Code:			
Contaminant Name:	SEWAGE, RAW UNCHLORINATED		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		

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

Incident Reason: Human error (Specify)
Incident Summary: KEV: Forcemain strike, on-going spill to LRT tunnel - contained
Activity Preceding Spill: Construction or repair
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: URBAN TRANSIT SYSTEMS
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00004320938","PR00004309850"],"wkts":["POINT (-75.7590161000 45.3889641000)","POINT (-75.7779421000 45.3739361000)"],"creation_date":"2021-09-21"}

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16 | **1 of 1** | **NNE/47.9** | **61.2 / -3.09** | **Maxxeon Inc.**
1025 Richmond Rd Suite 1108
Ottawa ON K2B 8G8 | **SCT**

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Lighting Fixture Manufacturing
SIC/NAICS Code: 335120

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17 | **1 of 1** | **W/49.6** | **59.9 / -4.39** | **108 New Orchard Ave**
Ottawa ON K2B 5E7 | **EHS**

Order No: 20130124021
Status: C
Report Type: Standard Report
Report Date: 04-FEB-13
Date Received: 24-JAN-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.779738
Y: 45.374821

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18 | **1 of 1** | **SSW/51.1** | **64.3 / 0.06** | **1071 Richmond Rd.**
Ottawa ON K2B 6R2 | **EHS**

Order No: 20070509005
Status: C
Report Type: CAN - Complete Report
Report Date: 5/17/2007
Date Received: 5/9/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.25
X: -75.779154
Y: 45.373669

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19 | **1 of 1** | **E/56.4** | **67.6 / 3.33** | **PRIVATE RESIDENCE**
MR. HERGET APT. BLDG 613-729-9437 1162
BYRON AVE. FURNACE OIL TANK
OTTAWA CITY ON K2B 6T4 | **SPL**

Ref No: 579
Year:
Incident Dt: 2/23/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/23/1988
Dt Document Closed:
Site No:
Municipality No: 20101
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

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

MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Preceding Spill:
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Incident Reason: MATERIAL FAILURE
Incident Summary: RESIDENCE - 200 L.FURN. OIL TO FLOOR DRAIN.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	S/57.0	65.9 / 1.61	Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON OTTAWA ON	SPL

Ref No: 1-1BOQ8Y
Year:
Incident Dt: 10/13/2021 2:00:09 PM
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/13/2021 2:15:14 PM
Dt Document Closed: 11/5/2021 11:31:26 AM
Site No:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 No Impact
Agency Involved:
MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON
Site Region:
Site Municipality: OTTAWA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:

Northing:
Easting:
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact: 1 Minor Impact
Health Env Consequence:
Nature of Impact:
Contaminant Qty: .5 litre (L)
System Facility Address:
Client Name:
Client Type:
Source Type: Motor Vehicle
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: Equipment failure/malfunction
Incident Summary: KEV hydraulic oil to grd, clnd, clnd 0.5 L
Activity Preceding Spill: Construction or repair
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7785653840 45.3736228844)"],"creation_date":"2021-10-13"}

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21 | ***1 of 1*** | ***SSW/58.8*** | ***65.9 / 1.61*** | ***UTMs provided. Richmond & New Orcahrd Ave N Ottawa ON*** | ***SPL***

Ref No: 1348-BTJP7P
Year:
Incident Dt: 2020/09/17
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/09/17
Dt Document Closed: 2021/02/08
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: OLRT Site<UNOFFICIAL>
Site Address: UTMs provided. Richmond & New Orcahrd Ave N
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5024885
Easting: 439129
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 50 L
System Facility Address:
Client Name:
Client Type:
Source Type: Unknown / N/A
Contaminant Code: 13

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1202
Receiving Medium:	Land
Incident Reason:	Equipment Failure
Incident Summary:	KEV - diesel spill at OLRT site
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	
Call Report Locatn Geodata:	

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22 | ***1 of 1*** | ***WNW/70.6*** | ***59.6 / -4.70*** | ***100 New Orchard Ave Ottawa ON K2B5E7*** | ***EHS***

Order No:	20160526100	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	02-JUN-16	**Search Radius (km):**	.25
Date Received:	26-MAY-16	**X:**	-75.779845
Previous Site Name:		**Y:**	45.375057
Lot/Building Size:			
Additional Info Ordered:	City Directory		

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23 | ***1 of 1*** | ***ENE/70.8*** | ***66.1 / 1.88*** | ***Ottawa ON*** | ***SPL***

Ref No:	4758-AY334G	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2018/04/21	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2018/04/21	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:		**Agency Involved:**	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	1148 Byron Ave<UNOFFICIAL>		
Site Address:			
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:	Map		
Site Map Datum:			
Northing:	5024914.6		
Easting:	439177.87		
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	2 L		
System Facility Address:			
Client Name:			
Client Type:			
Source Type:	Sewer (Private or Municipal)		
Contaminant Code:	44		

Contaminant Name:	SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Land
Incident Reason:	Equipment Failure
Incident Summary:	Sanitary lateral damaged, 2L sewage to grass, cleaned
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Municipal Sewage
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	

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24 | ***1 of 1*** | ***SSW/72.0*** | ***65.9 / 1.61*** | ***Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON*** | ***PTTW***

EBR Registry No:	019-1824	**Decision Posted:**	
Ministry Ref No:	7544-BPSMC3	**Exception Posted:**	
Notice Type:	Instrument	**Section:**	Section 34
Notice Stage:	Proposal Updated	**Act 1:**	Ontario Water Resources Act, R.S.O. 1990
Notice Date:		**Act 2:**	Ontario Water Resources Act
Proposal Date:	May 28, 2020	**Site Location Map:**	45.373438,-75.778873
Year:	2020		

Instrument Type:	Permit to take water
Off Instrument Name:	Permit to Take Water (OWRA s. 34)
Posted By:	Ministry of the Environment, Conservation and Parks
Company Name:	
Site Address:	Richmond Road Ottawa, ON K2B 6R2 Canada
Location Other:	
Proponent Name:	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc.
Proponent Address:	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. 2240 Don Reid Drive Ottawa, ON K1H 1E1 Canada
Comment Period:	May 28, 2020 - June 27, 2020 (30 days) Closed
URL:	https://ero.ontario.ca/notice/019-1824

Site Location Details:

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25 | ***1 of 2*** | ***ENE/73.1*** | ***66.1 / 1.88*** | ***Kiewit Eurovia Vinci Byron Ave @ Allison Ave Ottawa ON*** | ***SPL***

Ref No:	2156-BW5Q34	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	12/9/2020	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	12/9/2020	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2/1/2021	**Agency Involved:**	

Site No:	NA
MOE Response:	No
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa
Nearest Watercourse:	
Site Name:	Intersection<UNOFFICIAL>
Site Address:	Byron Ave @ Allison Ave
Site Region:	Eastern
Site Municipality:	Ottawa

Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5024933.21
Easting:	439184.32
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	30 L
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Source Type:	Sewer (Private or Municipal)
Contaminant Code:	44
Contaminant Name:	SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Land
Incident Reason:	Equipment Failure
Incident Summary:	KEV - Spill 30L raw sewage to excavation, cntd, clng
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	

25	2 of 2	ENE/73.1	66.1 / 1.88	**Kiewit Eurovia Vinci** **Allison Ave and Byron Ave** **Ottawa ON**	SPL

Ref No:	8070-BUTRSH	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	10/28/2020	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	10/28/2020	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2/9/2021	**Agency Involved:**	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Project OLRT Stage 2<UNOFFICIAL>		
Site Address:	Allison Ave and Byron Ave		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5024932		
Easting:	439156		
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	1 L		
System Facility Address:			

Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Source Type:	Truck - Transport/Hauling
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1202
Receiving Medium:	Land
Incident Reason:	Operator/Human Error
Incident Summary:	KEV: ~ 1L diesel to gravel, cntd & clnd
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	

26 **1 of 1** **SW/73.1** **62.8 / -1.44** **ON** **BORE**

Borehole ID:	611018	**Inclin FLG:**	No
OGF ID:	215512527	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.373624
Total Depth m:	-999	**Longitude DD:**	-75.779544
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438961
Drill Method:		**Northing:**	5024752
Orig Ground Elev m:	65.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	65.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387244	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	6.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218387245	**Mat Consistency:**	Dense
Top Depth:	6.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. GREY. ED,TILL, SILT. DENSE. SILT,SAND,GRAVEL. DENSE. SILT,SAND,CLAY. DE
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035260 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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27 **1 of 1** **SE/77.5** **68.1 / 3.80** **ON** **BORE**

Borehole ID:	611019	**Inclin FLG:**	No
OGF ID:	215512528	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	MAY-1953	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.373818
Total Depth m:	29	**Longitude DD:**	-75.777503
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439121
Drill Method:		**Northing:**	5024772
Orig Ground Elev m:	73.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	69.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387247	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	18.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: LIMESTONE.

Geology Stratum ID:	218387249	**Mat Consistency:**	Dense

Top Depth:	21.3	**Material Moisture:**	
Bottom Depth:	29	**Material Texture:**	
Material Color:	White	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. WHITE. 00075AVEL. DENSE. SILT,SAND,CLAY. DENSE. 00000 015 00025 010 0006 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387246	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY.		

Geology Stratum ID:	218387248	**Mat Consistency:**	
Top Depth:	18.3	**Material Moisture:**	
Bottom Depth:	21.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE,SHALE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03527 NTS_Sheet:		
Confiden 1:			

Source List

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

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28 ***1 of 1*** ***SE/77.7*** ***68.1 / 3.80*** ***ON*** ***WWIS***

Well ID:	1509027	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/29/1953
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	

Audit No:		**Contractor:**	3718
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509027.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/24/1953
Year Completed:	1953
Depth (m):	28.956
Latitude:	45.3738162317949
Longitude:	-75.7775025447026
X:	-75.77750238344322
Y:	45.373816225018125
Path:	150\1509027.pdf

Bore Hole Information

Bore Hole ID:	10031061	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439120.70
Code OB Desc:		**North83:**	5024772.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/24/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011256
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011255
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011257
Layer:	3
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	17
Material 2 Desc:	SHALE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011258
Layer:	4
Color:	1
General Color:	WHITE
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961509027
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579631

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054763
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054764
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 95.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991509027
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 20.0
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463794
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

29	***1 of 1***	***SSE/79.9***	***67.9 / 3.61***	***lot 25 con 1 ON***	***WWIS***

Well ID: 1503902 ***Flowing (Y/N):***
Construction Date: ***Flow Rate:***

Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/12/1949
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OTTAWA CITY (NEPEAN)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503902.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/08/1949
Year Completed: 1949
Depth (m): 28.956
Latitude: 45.3735435993952
Longitude: -75.7778832206676
X: -75.7778830597133
Y: 45.37354359257608
Path: 150\1503902.pdf

Bore Hole Information

Bore Hole ID:	10025945	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439090.60
Code OB Desc:		**North83:**	5024742.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/08/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997847
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997848
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503902
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574515
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044640
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 95.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044639
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503902
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933456928
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	92.0
Water Found Depth UOM:	ft

30 ***1 of 1*** ***W/80.7*** ***59.9 / -4.39*** ***ON*** ***BORE***

Borehole ID:	611024	***Inclin FLG:***	No
OGF ID:	215512533	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1972	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.37452
Total Depth m:	6.4	***Longitude DD:***	-75.780195
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	438911
Drill Method:		***Northing:***	5024852
Orig Ground Elev m:	60	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	62		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387265	***Mat Consistency:***	Compact
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.9	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:		***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	

Gsc Material Description:
Stratum Description: ARTIFICIAL,SAND,SILT,GRAVEL. BROWN,GREY,COMPACT.

Geology Stratum ID:	218387266	**Mat Consistency:**	Loose
Top Depth:	1.9	**Material Moisture:**	
Bottom Depth:	4.3	**Material Texture:**	Coarse
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE.

Geology Stratum ID:	218387267	**Mat Consistency:**	Dense
Top Depth:	4.3	**Material Moisture:**	
Bottom Depth:	6.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SILT,SAND,TILL. GREY,DENSE TO VERY DENSE. 0000002300063009001400 70ND. BEDROCK,LIMESTONE, DOLO **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035320 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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31 | ***1 of 4*** | ***WSW/85.9*** | ***60.2 / -4.09*** | ***1071 Ambleside drive ottawa ON K2B 6V4*** | ***EHS***

Order No:	20080408028	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	4/17/2008	**Search Radius (km):**	0.25
Date Received:	4/8/2008	**X:**	-75.779894
Previous Site Name:		**Y:**	45.37395
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps And /or Site Plans

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31 | ***2 of 4*** | ***WSW/85.9*** | ***60.2 / -4.09*** | ***1071 Ambleside Dr Ottawa ON K2B6V4*** | ***EHS***

Order No:	20150323014	**Nearest Intersection:**	

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

Status:	C	**Municipality:**		
Report Type:	Custom Report	**Client Prov/State:**	ON	
Report Date:	26-MAR-15	**Search Radius (km):**	.25	
Date Received:	23-MAR-15	**X:**	-75.779859	
Previous Site Name:		**Y:**	45.37368	
Lot/Building Size:				
Additional Info Ordered:				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	3 of 4	WSW/85.9	60.2 / -4.09	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS

Order No:	21040500147	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	08-APR-21	**Search Radius (km):**	.25
Date Received:	05-APR-21	**X:**	-75.7801139
Previous Site Name:		**Y:**	45.374187
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	4 of 4	WSW/85.9	60.2 / -4.09	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS

Order No:	20200327017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	01-APR-20	**Search Radius (km):**	.25
Date Received:	27-MAR-20	**X:**	-75.7801139
Previous Site Name:		**Y:**	45.374187
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 2	SE/89.8	68.7 / 4.44	PIPELINE HIT - 1/2" 211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA ON	PINC

Incident Id:		**Pipe Material:**	
Incident No:	1679334	**Fuel Category:**	
Incident Reported Dt:	7/10/2015	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT - 1/2"		
Incident Address:	211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			

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

Notes:

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32 | **2 of 2** | **SE/89.8** | **68.7 / 4.44** | **Enbridge Gas Distribution Inc.**
211 woodland Dr
Ottawa ON | **SPL**

Ref No:	5883-9YA2JS	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	7/9/2015	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	7/9/2015	**Impact to Health:**	
Dt Document Closed:	8/26/2015	**Agency Involved:**	

Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: residential<UNOFFICIAL>
Site Address: 211 woodland Dr
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill:
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name: Enbridge Gas Distribution Inc.
Client Type:
Source Type:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: 1/2" line strike on Woodland Dr -made safe-
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:

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33 | **1 of 1** | **ENE/90.8** | **65.7 / 1.45** | **Kiewit Eurovia Vinci**
North of Byron Ave and Allison Ave
Ottawa ON | **SPL**

Ref No:	7454-BV3NVF	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	11/5/2020	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/5/2020	**Impact to Health:**	2 - Minor Environment

Dt Document Closed:	2/9/2021	***Agency Involved:***	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Hyd Oil Spill<UNOFFICIAL>		
Site Address:	North of Byron Ave and Allison Ave		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5024957.59		
Easting:	439176.54		
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	0.5 L		
System Facility Address:			
Client Name:	Kiewit Eurovia Vinci		
Client Type:	Corporation		
Source Type:	Other		
Contaminant Code:	15		
Contaminant Name:	HYDRAULIC OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	n/a		
Receiving Medium:	Land; Source Water Zone		
Incident Reason:	Equipment Failure		
Incident Summary:	KEV: 0.5 L Hyd Oil to Grnd- Clnd		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Industrial		
SAC Action Class:	Land Spills		
Call Report Locatn Geodata:			

34	***1 of 5***	***S/100.3***	***66.2 / 1.91***	***Kiewit-Eurovia-Vinci, Ottawa Partnership*** ***Byron/New Orchard Street*** ***Ottawa ON K2B 6T6***	***GEN***

Generator No:	ON7962034
SIC Code:	
SIC Description:	
Approval Years:	As of Jul 2020
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	146 L
Waste Class Name:	Other specified inorganic sludges, slurries or solids

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	2 of 5	S/100.3	66.2 / 1.91	Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6	GEN

Generator No: ON7962034
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Waste Class: 146 L
Waste Class Name: Other specified inorganic sludges, slurries or solids

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	3 of 5	S/100.3	66.2 / 1.91	Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6	GEN

Generator No: ON7962034
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: LIGHT FUELS

Waste Class: 146 L
Waste Class Name: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	4 of 5	S/100.3	66.2 / 1.91	Byron Avenue and New Orchard Avenue, Ottawa OTTAWA ON	SPL

Ref No: 1-1BUH6Z
Year:
Incident Dt: 10/8/2021 3:20:00 PM
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/8/2021 3:33:44 PM
Dt Document Closed: 11/4/2021 2:44:01 PM
Site No:
MOE Response: Desktop Response

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 No Impact
Agency Involved:

Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Byron Avenue and New Orchard Avenue, Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	1 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	Spray Vessel/Equipment
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	Equipment failure/malfunction
Incident Summary:	KEV: 1 L hydraulic oil spill, cleaned.
Activity Preceding Spill:	Normal operations
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	HIGHWAY, STREET AND BRIDGE CONSTRUCTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004307943","PR00004320938"],"wkts":["POINT (-75.7786750000 45.3731816000)","POINT (-75.7590161000 45.3889641000)"],"creation_date":"2021-10-08"}

34	5 of 5	S/100.3	66.2 / 1.91	New Orchard Avenue and Byron Avenue, Ottawa OTTAWA ON	SPL

Ref No:	1-SE1KH	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	7/8/2021 9:30:00 AM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	7/8/2021 11:45:15 AM	**Impact to Health:**	0 No Impact
Dt Document Closed:	12/3/2021 1:58:14 PM	**Agency Involved:**	

Site No:	
MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	New Orchard Avenue and Byron Avenue, Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	

Easting:	
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	20 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	Motor Vehicle
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	Equipment failure/malfunction
Incident Summary:	Kiewit: 20L hydraulic oil to ground from excavator
Activity Preceding Spill:	Construction or repair
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	SITE PREPARATION CONTRACTORS
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7786750000 45.3731816000)"],"creation_date":"2021-07-08"}

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35 | ***1 of 1*** | ***NE/108.2*** | ***63.9 / -0.39*** | ***KAYSUSH DEVELOPMENTS LTD. LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1*** | ***CA***

Certificate #:	3-0601-97-
Application Year:	97
Issue Date:	7/2/1997
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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36 | ***1 of 1*** | ***S/110.4*** | ***67.2 / 2.97*** | ***1208 Byron Avenue, Ottawa ON*** | ***INC***

Incident No:	522924	**Any Health Impact:**	No
Incident ID:	2679322	**Any Enviro Impact:**	Yes
Instance No:		**Service Intrp:**	No
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	Yes
Incident Status:		**Reside App. Type:**	
Incident Severity:		**Commer App. Type:**	
Task No:	3209833	**Indus App. Type:**	
Attribute Category:	FS-Perform L1 Incident Insp	**Institut App. Type:**	
Context:		**Depth Ground Cover:**	
Date of Occurrence:	2011/01/24 00:00:00	**Operation Pressure:**	
Time of Occurrence:	12:00:00	**Equipment Type:**	
Occr Insp Start Dt:	2011/01/25 00:00:00	**Equipment Model:**	
Incident Creat On:		**Serial No:**	
Instance Creat Dt:		**Cylinder Capacity:**	

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

Instance Install Dt:		**Cylinder Cap Units:**	
Approx Quant Rel:	Unknown	**Cylinder Mat Type:**	
Tank Capacity:		**Pump Flow Rate Cap:**	
Fuels Occur Type:	Leak	**Contam. Migrated:**	Unknown
Occur Type Rpt:		**Near Body of Water:**	No
Occur Category:		**Drainage System:**	Unknown
Fuel Type Involved:	Fuel Oil	**Sub Surface Contam:**	Yes, unknown
Fuel Type Reported:		**Tank Material Type:**	
Enforcement Policy:	NULL	**Tank Storage Type:**	
Prc Escalation Req:	NULL	**Tank Location Type:**	
Item:			
Item Description:			
Device Installed Location:			
Venting Type:			
Vent Conn Mater:			
Vent Chimney Mater:			
Pipeline Type:			
Pipeline Involved:			
Pipe Material:			
Regulator Location:			
Regulator Type:			
Liquid Prop Make:			
Liquid Prop Model:			
Liquid Prop Serial No:			
Liquid Prop Notes:			
Inventory Address:	1208 Byron Avenue, Ottawa - Leak		
Invent Postal Code:			
Notes:			
Contact Natural Env:	Yes		
Aff Prop Use Water:	No		
Occurence Narrative:	Leak from bottom of oil tank.		
Operation Type Involved:	Private Dwelling		

37	1 of 1	SSW/112.8	65.0 / 0.69	Lat 45.3731 91 Lon 75.779214 OTTAWA ON	SPL

Ref No:	1-55OF2N	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	Mar 22,2024 01:26:49 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	Mar 22,2024 01:26:49 PM	**Impact to Health:**	
Dt Document Closed:	Apr 10,2024 12:56:12 PM	**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	Lat 45.3731 91 Lon 75.779214		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			
Health Env Consequence:	Low		
Nature of Impact:			
Contaminant Qty:	90 litre (L)		

System Facility Address:	
Client Name:	
Client Type:	
Source Type:	Container/Drum/Tote
Contaminant Code:	
Contaminant Name:	CONCRETE ADMIXTURE (DE-WATERING)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	Equipment failure/malfunction
Incident Summary:	Kiewit Eurovia Vinci: 90L of concrete wash water to pavement. Contained. Clean up underway.
Activity Preceding Spill:	Construction or repair
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7792139202 45.3730987312)"],"creation_date":"2024-03-22"}

38	***1 of 1***	***ENE/120.6***	***65.6 / 1.29***	***45.37576, -75.77666 OTTAWA ON***	***SPL***

Ref No:	1-4H9V5T	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	12/7/2023 11:31:49 AM	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	12/7/2023 7:31:49 PM	***Impact to Health:***	
Dt Document Closed:	12/8/2023 3:29:23 PM	***Agency Involved:***	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	45.37576, -75.77666		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:	Unknown / N/A		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	1 litre (L)		
System Facility Address:			
Client Name:			
Client Type:			
Source Type:	Motor Vehicle		
Contaminant Code:			
Contaminant Name:	HYDRAULIC OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Incident Reason:	Equipment failure/malfunction		
Incident Summary:	KEV: 1L of hydraulic oil to grnd. Clnd.		
Activity Preceding Spill:	Normal operations		

Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7766600000 45.3757600000)"],"creation_date":"2023-12-07"}

39 | **1 of 1** | **S/122.3** | **66.9 / 2.64** | **ON** | **WWIS**

Well ID:	1507961	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	01/31/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507961.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/07/1950
Year Completed:	1950
Depth (m):	19.812
Latitude:	45.372998348235
Longitude:	-75.7786420076551
X:	-75.77864184666585
Y:	45.37299834141857
Path:	150\1507961.pdf

Bore Hole Information

Bore Hole ID:	10029996	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439030.60
Code OB Desc:		**North83:**	5024682.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/07/1950	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008480
Layer:	3
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008478
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	09
Material 2 Desc:	MEDIUM SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008479
Layer:	2
Color:	
General Color:	
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507961
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10578566
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052646
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052647
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991507961
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 18.0
Recommended Pump Depth:
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933462274
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

40	*1 of 4*	*SW/130.9*	*64.2 / -0.09*	***715137 Ontario Ltd.*** ***1075 Richmond Road Ottawa Ontario Ottawa ON***	***EBR***

EBR Registry No: IA02E1181
Ministry Ref No: 5062-5ECKH6
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 04, 2003
Proposal Date: September 30, 2002
Year: 2002
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: 715137 Ontario Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1075 Richmond Road, Ottawa Ontario, K2B 6R2
Comment Period:
URL:
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

1075 Richmond Road Ottawa Ontario Ottawa

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40 | **2 of 4** | **SW/130.9** | **64.2 / -0.09** | **715137 Ontario Ltd.**
1075 Richmond Road
Ottawa ON K2B 6R2 | **CA**

Certificate #: 6610-5JCM83
Application Year: 2003
Issue Date: 4/2/2003
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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40 | **3 of 4** | **SW/130.9** | **64.2 / -0.09** | **1866688 Ontario Ltd**
1075 RICHMOND RD
OTTAWA ON K2B 6R2 | **EASR**

Approval No: R-001-9236910112
Status: REGISTERED
Date: 2012-10-25
Record Type: EASR
Link Source: MOFA
Project Type: Automotive Refinishing Facility
Full Address:
Approval Type: EASR-Automotive Refinishing Facility
SWP Area Name: Rideau Valley
PDF NAICS Code:
PDF URL:
PDF Site Location:
MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.373066
Longitude: -75.77972
Geometry X:
Geometry Y:

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40 | **4 of 4** | **SW/130.9** | **64.2 / -0.09** | **715137 Ontario Ltd.**
1075 Richmond Road | **ECA**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON	

Approval No: 6610-5JCM83
Approval Date: 2003-04-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: 715137 Ontario Ltd.
Address: 1075 Richmond Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5062-5ECKH6-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.77972
Latitude: 45.373066
Geometry X:
Geometry Y:

41	1 of 1	ENE/135.4	67.9 / 3.67	178 Ancaster Avenue Ottawa ON K2B 5B3	SPL

Ref No: 2321-BCKNSM
Year:
Incident Dt: 5/26/2019
Dt MOE Arvl on Scn: 6/20/2019
MOE Reported Dt: 5/27/2019
Dt Document Closed:
Site No: NA
MOE Response: Yes
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Neighbouring Property<UNOFFICIAL>
Site Address: 178 Ancaster Avenue
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill:
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason:
Incident Summary: Pesticide Complaint: Round Up application
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 - No Impact
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SAC Action Class:					
Call Report Locatn Geodata:					
42	1 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B6R1	PRT

Location ID: 11061
Type: retail
Expiry Date: 1995-12-31
Capacity (L): 67500
Licence #: 0023815001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	2 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	GEN

Generator No: ON8940840
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	3 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 9565456
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:

Expired Date: 12/4/2001
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

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

TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

42	***4 of 10***	***NE/136.7***	***62.8 / -1.48***	***TOPS CAR WASH CO LTD*** ***979 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10906073
Status: EXPIRED
Instance ID: 50765
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

42	***5 of 10***	***NE/136.7***	***62.8 / -1.48***	***TOPS CAR WASH CO LTD*** ***979 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10906040
Status: EXPIRED
Instance ID: 51466
Instance Type: FS Piping

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:

Instance Creation Dt:				***Fuel Type 2:***	
Instance Install Dt:				***Fuel Type 3:***	
Item Description:				***Panam Related:***	
Manufacturer:				***Panam Venue Nm:***	
Model:				***External Identifier:***	
Serial No:				***Item:***	
ULC Standard:				***Piping Steel:***	
Quantity:				***Piping Galvanized:***	
Unit of Measure:				***Tank Single Wall St:***	
Overfill Prot Type:				***Piping Underground:***	
Creation Date:				***Tank Underground:***	
Next Periodic Str DT:				***Source:***	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

42	***6 of 10***	***NE/136.7***	***62.8 / -1.48***	***TOPS CAR WASH CO LTD*** ***979 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	10906057			***Expired Date:***	
Status:	EXPIRED			***Max Hazard Rank:***	
Instance ID:	52622			***Facility Location:***	
Instance Type:	FS Piping			***Facility Type:***	
Instance Creation Dt:				***Fuel Type 2:***	
Instance Install Dt:				***Fuel Type 3:***	
Item Description:				***Panam Related:***	
Manufacturer:				***Panam Venue Nm:***	
Model:				***External Identifier:***	
Serial No:				***Item:***	
ULC Standard:				***Piping Steel:***	
Quantity:				***Piping Galvanized:***	
Unit of Measure:				***Tank Single Wall St:***	
Overfill Prot Type:				***Piping Underground:***	
Creation Date:				***Tank Underground:***	
Next Periodic Str DT:				***Source:***	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	7 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	EXP

Inventory No: 10906064
Inventory Status: EXPIRED
Installation Year: 1988
Capacity: 22700
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Sacrificial anode
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	8 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	EXP

Inventory No: 10906031
Inventory Status: EXPIRED
Installation Year: 1988
Capacity: 22700
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Sacrificial anode
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	9 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	EXP

Inventory No: 10906049
Inventory Status: EXPIRED
Installation Year: 1988
Capacity: 22700
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Sacrificial anode
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	10 of 10	NE/136.7	62.8 / -1.48	979 Richmond Rd Ottawa ON K2B 6R1	EHS

Order No: 21080400046
Status: C
Report Type: Standard Report
Report Date: 09-AUG-21
Date Received: 04-AUG-21
Previous Site Name:
Lot/Building Size: 0.27 Ha
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7770914
Y: 45.3762008

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	NW/138.1	57.8 / -6.48	ON	BORE

Borehole ID:	611028	**Inclin FLG:**	No
OGF ID:	215512537	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	DEC-1964	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.376052
Total Depth m:	-999	**Longitude DD:**	-75.779961
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438931
Drill Method:		**Northing:**	5025022
Orig Ground Elev m:	57.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	60.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387279	**Mat Consistency:**	Dense
Top Depth:	4.9	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	Coarse
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. MEDIUM TO COARSE. BROWN,LOOSE. SILT,SAND,TILL. GREY,DENSE TO VERY DENSE. 0000002300 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387276	**Mat Consistency:**	Loose
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. LOOSE.		

Geology Stratum ID:	218387277	**Mat Consistency:**	Loose
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	4.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,SILT. LOOSE.		

Geology Stratum ID:	218387278	**Mat Consistency:**	Firm
Top Depth:	4.1	**Material Moisture:**	
Bottom Depth:	4.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	

Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL,SAND. FIRM.

Geology Stratum ID: 218387275
Top Depth: 0
Bottom Depth: .3
Material Color:
Material 1: Soil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SOIL.

Geologic Group:
Geologic Period:
Depositional Gen:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035360 NTS_Sheet: 31G05F
Confiden 1:

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

44	1 of 1	E/148.5	68.8 / 4.56	PRIVATE RESIDENCE 192 ANCASTER AVE (N.O.S.) OTTAWA ON K2B 5B3	SPL

Ref No: 189349
Year:
Incident Dt: 10/27/2000
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/27/2000
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Municipality No: 20107
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Incident Cause:	OTHER CONTAINER LEAK
Incident Preceding Spill:	
Environment Impact:	POSSIBLE
Health Env Consequence:	
Nature of Impact:	Water course or lake
Contaminant Qty:	
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	WATER
Incident Reason:	OTHER
Incident Summary:	PRIVATE RES. OIL TANK SPILL;50L;TO DRAIN;INS. COMPANY TO CLEANUP
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	

---

45 | **1 of 1** | **S/149.5** | **66.9 / 2.61** | **1224 Byron Avenue ON** | **SPL**

Ref No:	1-1U3Q3A	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	6/7/2022 12:30:00 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	6/7/2022 4:00:48 PM	**Impact to Health:**	0 No Impact
Dt Document Closed:	6/8/2022 7:58:49 AM	**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	1224 Byron Avenue		
Site Region:			
Site Municipality:			
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:			
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	1 litre (L)		
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:	DIESEL FUEL		
Contaminant Limit 1:			
Contam Limit Freq 1:			

Contaminant UN No 1:
Receiving Medium:
Incident Reason:
Incident Summary: KEV: 1L diesel to soil/cleaned
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00003905094"],"wkts":["POINT (-75.7786760000 45.3727482000)"],"creation_date":"2022-06-07"}

---

46 ***1 of 1*** ***WSW/152.2*** ***59.9 / -4.35*** ***ON*** ***BORE***

Borehole ID: 611021
OGF ID: 215512530
Status:
Type: Borehole
Use:
Completion Date: SEP-1972
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 9.4
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 59.5
Elev Reliabil Note:
DEM Ground Elev m: 62.1
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.374065
Longitude DD: -75.780955
UTM Zone: 18
Easting: 438851
Northing: 5024802
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218387256
Top Depth: 7
Bottom Depth: 7.9
Material Color: Grey
Material 1: Bedrock
Material 2: Limestone
Material 3: Dolomite
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218387257
Top Depth: 7.9
Bottom Depth: 9.4
Material Color: Grey
Material 1: Bedrock
Material 2: Limestone
Material 3: Dolomite
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND. 000100070002503100078100002301000018 5NSE. 00000015 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218387255
Top Depth: 2.4

Mat Consistency: Dense
Material Moisture:

Bottom Depth:	7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT,SAND,TILL. GREY,VERY DENSE.		

Geology Stratum ID:	218387252	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Soil	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,SOIL. BROWN.		

Geology Stratum ID:	218387253	**Mat Consistency:**	Loose
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,SILT,GRAVEL. BROWN,LOOSE.		

Geology Stratum ID:	218387254	**Mat Consistency:**	Compact
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT,GRAVEL,SAND. BROWN,COMPACT,VERY DENSE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035290 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
47	1 of 1	E/153.6	69.7 / 5.46	Paul and Elena Lungu Ottawa ON K2W 1E7	ECA

Approval No:	5314-87HL8C	**MOE District:**	Ottawa
Approval Date:	2010-08-03	**City:**	
Status:	Approved	**Longitude:**	-75.7757
Record Type:	ECA	**Latitude:**	45.3749
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Paul and Elena Lungu		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	1 of 1	WNW/155.1	57.9 / -6.37	lot 25 con 1 ON	WWIS

Well ID:	1503894	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/24/1948
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4216
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY (NEPEAN)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503894.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/26/1948
Year Completed:	1948
Depth (m):	29.2608
Latitude:	45.3755045402405
Longitude:	-75.7807198592913
X:	-75.78071969752561
Y:	45.375504533611675
Path:	150\1503894.pdf

Bore Hole Information

Bore Hole ID:	10025937	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438870.60
Code OB Desc:		**North83:**	5024962.00

Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 9
Date Completed: 10/26/1948 ***UTMRC Desc:*** unknown UTM
Remarks: ***Location Method:*** p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997828
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 96.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997827
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 09
Material 2 Desc: MEDIUM SAND
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503894
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574507
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044623
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 96.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044622
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503894
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 21.0
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933456913
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

49	1 of 2	ENE/159.9	65.9 / 1.61	Byron Ave and Ancaster ave Ottawa OTTAWA ON	SPL

Ref No: 1-141U3H
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/23/2021 12:57:43 PM
Dt Document Closed: 11/9/2021 4:03:43 PM
Site No:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 No Impact
Agency Involved:

MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Byron Ave and Ancaster ave Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	5 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	
Incident Summary:	Spill diesel KEV source Byron and Ancaster location Ottawa
Activity Preceding Spill:	
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	SOYBEAN FARMING
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7760981000 45.3760221000)"],"creation_date":"2021-08-23"}

49	2 of 2	ENE/159.9	65.9 / 1.61	Byron Ave and Ancaster Ave, Ottawa ON	SPL

Ref No:	1-1DYY20	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	11/9/2021 3:00:00 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/9/2021 3:45:44 PM	**Impact to Health:**	0 No Impact
Dt Document Closed:	11/10/2021 9:39:59 AM	**Agency Involved:**	
Site No:			

MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Byron Ave and Ancaster Ave, Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	

Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	1 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	
Incident Summary:	KEV - 1L diesel to gravel, cleaning
Activity Preceding Spill:	
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004309850","PR00003966079"],"wkts":["POINT (-75.7760981000 45.3760221000)","POINT (-75.7700000000 45.3700000000)","POINT (-75.7746215000 45.3776872000)","POINT (-75.7746215000 45.3776872000)"],"creation_date":"2021-11-09"}

50 | ***1 of 1*** | ***SE/163.6*** | ***69.9 / 5.61*** | ***lot 25 con 1 ON*** | ***WWIS***

Well ID:	1503896	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/24/1948
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4216
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY (NEPEAN)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503896.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/01/1948
Year Completed:	1948
Depth (m):	32.3088
Latitude:	45.3733722880662
Longitude:	-75.7766024826113
X:	-75.7766023212718

Y: 45.37337228114873
Path: 150\1503896.pdf

Bore Hole Information

Bore Hole ID:	10025939	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439190.70
Code OB Desc:		**North83:**	5024722.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/01/1948	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997831
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 09
Material 2 Desc: MEDIUM SAND
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997832
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 106.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503896
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574509
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044627
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 106.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044626
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 19.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991503896
Pump Set At:
Static Level: 19.0
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:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933456915
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
51	1 of 1	W/165.0	58.9 / -5.39	ON	BORE

Borehole ID:	611022	**Inclin FLG:**	No
OGF ID:	215512531	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	SEP-1972	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.374243
Total Depth m:	4.3	**Longitude DD:**	-75.781213
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438831
Drill Method:		**Northing:**	5024822
Orig Ground Elev m:	58.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	61.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387260	**Mat Consistency:**	Loose
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	Fine
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,SILT-FINE, GRAVEL. GREY,LOOSE,VERY LOOSE.		

Geology Stratum ID:	218387259	**Mat Consistency:**	Loose
Top Depth:	.2	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Fine
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,SILT-FINE, GRAVEL. BROWN,LOOSE.		

Geology Stratum ID:	218387261	**Mat Consistency:**	Dense
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	4.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT,GRAVEL,SAND. GREY,VERY DENSE. 0000500500006000600100090ND. BEDROCK,LIMESTONE, DOLOMITE. G **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387258	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	

Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Soil	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,SOIL. BROWN.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035300 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	1 of 1	ENE/171.9	67.3 / 3.00	Intersection of Byron Avenue and Ancaster Avenue, Ottawa OTTAWA ON	SPL

Ref No:	1-CC44H	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	4/13/2021 6:21:05 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	4/13/2021 6:21:07 PM	**Impact to Health:**	0 No Impact
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	Intersection of Byron Avenue and Ancaster Avenue, Ottawa		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:	Unknown / N/A		
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	1 litre (L)		
System Facility Address:			
Client Name:			
Client Type:			
Source Type:	Unknown / N/A		

Contaminant Code:	
Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	Equipment failure/malfunction
Incident Summary:	KEV: 1L of diesel from generator, cleaned
Activity Preceding Spill:	Maintenance
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7760981000 45.3760221000)"],"creation_date":"2021-04-13"}

53 **1 of 1** **ESE/172.5** **69.9 / 5.61** **ON** **WWIS**

Well ID:	1507778	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	03/18/1952
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3601
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507778.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/06/1952
Year Completed:	1952
Depth (m):	30.48
Latitude:	45.3739166582793
Longitude:	-75.7759713714781
X:	-75.77597120913343
Y:	45.3739166515529
Path:	150\1507778.pdf

Bore Hole Information

Bore Hole ID:	10029813	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439240.70
Code OB Desc:		**North83:**	5024782.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9

Date Completed: 03/06/1952 ***UTMRC Desc:*** unknown UTM
Remarks: ***Location Method:*** p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931008005
Layer: 2
Color:
General Color:
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008004
Layer: 1
Color:
General Color:
Material 1: 17
Material 1 Desc: SHALE
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961507778
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578383
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052292

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052291
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991507778
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	26.0
Recommended Pump Depth:	
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933462023
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

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54 | ***1 of 1*** | ***SW/173.5*** | ***61.7 / -2.55*** | ***1083 Ambleside Drive Ottawa ON K2B 8C8*** | ***EHS***

Order No:	21052000329	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	23-JUN-21	**Search Radius (km):**	.25
Date Received:	20-MAY-21	**X:**	-75.7806759
Previous Site Name:		**Y:**	45.3731715
Lot/Building Size:			
Additional Info Ordered:	Title Searches; Topographic Maps; City Directory		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	1 of 3	SSW/177.1	65.9 / 1.66	Byron and Richardson Avenue Ottawa OTTAWA ON	SPL

Ref No: 1-12HEK6
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/6/2021 1:33:25 PM
Dt Document Closed: 11/10/2021 10:13:01 AM
Site No:
MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Byron and Richardson Avenue Ottawa
Site Region:
Site Municipality: OTTAWA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill:
Environment Impact: 0 No Impact
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 2 litre (L)
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: OIL AND GREASE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason:
Incident Summary: Diesel spill, 2L - KEV
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: OIL AND GAS CONTRACT DRILLING
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2021-08-06"}

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 No Impact
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	2 of 3	SSW/177.1	65.9 / 1.66	Richardson Avenue & Byron Avenue Ottawa, ON OTTAWA ON	SPL

Ref No: 1-2725Z2
Year:
Incident Dt: 10/4/2022 9:44:07 AM
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/4/2022 9:44:07 AM
Dt Document Closed: 11/3/2022 10:52:25 AM
Site No:
MOE Response: Desktop Response
Site County/District:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 0 No Impact
Agency Involved:

Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Richardson Avenue & Byron Avenue Ottawa, ON
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	2 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	
Incident Summary:	Kiewit Eurovia Vinci: 2L Hydraulic oil to ground; Oct 1 - clnd
Activity Preceding Spill:	
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2022-10-04"}

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55 | ***3 of 3*** | ***SSW/177.1*** | ***65.9 / 1.66*** | ***Byron Ave and Richardson Ave, Ottawa OTTAWA ON*** | ***SPL***

Ref No:	1-4TG7G5	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	Mar 06,2024 08:30:41 AM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	Mar 06,2024 10:22:41 AM	**Impact to Health:**	
Dt Document Closed:	Mar 07,2024 08:26:45 AM	**Agency Involved:**	

Site No:	
MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Byron Ave and Richardson Ave, Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	

Incident Cause:
Incident Preceding Spill:
Environment Impact:
Health Env Consequence: Low
Nature of Impact:
Contaminant Qty: 2 litre (L)
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: COOLANT (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason:
Incident Summary: KIEWIT EUROVIA VINCI 2L coolant to ground cleaned
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: ENGINEERING SERVICES
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2024-03-06"}

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56 | ***1 of 5*** | ***WSW/178.9*** | ***61.0 / -3.31*** | ***Institute of Professional Management Inc.*** ***1081 Ambleside Dr Suite 2210*** ***Ottawa ON K2B 8C8*** | ***SCT***

Established: 1984
Plant Size (ft²):
Employment: 8

--Details--
Description: Periodical Publishers
SIC/NAICS Code: 511120

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56 | ***2 of 5*** | ***WSW/178.9*** | ***61.0 / -3.31*** | ***Assocation of Professional Recruiters of Canada*** ***1081 Ambleside Dr Suite 2210*** ***Ottawa ON K2B 8C8*** | ***SCT***

Established: 1984
Plant Size (ft²):
Employment: 8

--Details--
Description: Periodical Publishers
SIC/NAICS Code: 511120

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56 | ***3 of 5*** | ***WSW/178.9*** | ***61.0 / -3.31*** | ***Association of Professional Recruiters of Canada*** ***1081 Ambleside Dr Suite 2210*** ***Ottawa ON K2B 8C8*** | ***SCT***

Established: 1984
Plant Size (ft²):
Employment: 8

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

--Details--
Description: Periodical Publishers
SIC/NAICS Code: 511120

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56 | ***4 of 5*** | ***WSW/178.9*** | ***61.0 / -3.31*** | ***Assocn-Pro Recruiters of Cnd*** ***1081 Ambleside Dr Suite 2210*** ***Ottawa ON K2B 8C8*** | ***SCT***

Established: 01-OCT-84
Plant Size (ft²): 5000
Employment:

--Details--
Description: Professional Organizations
SIC/NAICS Code: 813920

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56 | ***5 of 5*** | ***WSW/178.9*** | ***61.0 / -3.31*** | ***Institute of Professional Mgmt*** ***1081 Ambleside Dr Suite 2210*** ***Ottawa ON K2B 8C8*** | ***SCT***

Established: 01-OCT-84
Plant Size (ft²): 5000
Employment:

--Details--
Description: Professional Organizations
SIC/NAICS Code: 813920

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57 | ***1 of 1*** | ***ENE/181.8*** | ***68.6 / 4.37*** | ***177 Ancaster Ave.*** ***OTTAWA ON*** | ***SPL***

Ref No: 1-3PV1JR
Year:
Incident Dt: 8/9/2023 8:34:44 AM
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/9/2023 9:29:44 AM
Dt Document Closed:
Site No:
MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: 177 Ancaster Ave.
Site Region:
Site Municipality: OTTAWA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill:
Environment Impact:
Health Env Consequence:
Nature of Impact:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Contaminant Qty:	0 other - see notes
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	Pipeline/Components
Contaminant Code:	
Contaminant Name:	NATURAL GAS
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Air
Incident Reason:	Human error (Specify)
Incident Summary:	FSB: Ottawa/Enbridge/1/2" plastic service line damage/valid locates/safe
Activity Preceding Spill:	
Property 2nd Watershed:	02K | Central Ottawa River
Property Tertiary Watershed:	02KF | Mississippi River - Central Ottawa River
Sector Type:	NATURAL GAS DISTRIBUTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00003863053"],"wkts":["POINT (-75.7756109000 45.3757200000)"],"creation_date":"2023-08-09"}

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58 | ***1 of 1*** | ***NE/183.4*** | ***62.9 / -1.39*** | ***Kiewit Eurovia Vinci***
Nepean Concession 1 ON Ottawa River, Lot 25
Ottawa ON | ***SPL***

Ref No:	7545-BZ9QYZ	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2021/03/19	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2021/03/19	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2021/03/23	**Agency Involved:**	

Site No:	NA
MOE Response:	No
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa
Nearest Watercourse:	
Site Name:	0.5 L hydraulic oil from hydraulic hammer attachment to ground<UNOFFICIAL>
Site Address:	Nepean Concession 1 ON Ottawa River, Lot 25
Site Region:	Eastern
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5025088
Easting:	439167
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	0.5 L
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Source Type:	Valve/Fitting/Piping
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Land
Incident Reason:	Operator/Human Error

Incident Summary: KEV: 0.5 L hydraulic oil from hammer attachment to grnd.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Land Spills
Call Report Locatn Geodata:

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59 | **1 of 1** | **ENE/187.4** | **68.6 / 4.37** | **ON** | **WWIS**

Well ID: 1508046
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03/01/1954
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4833
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508046.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/01/1953
Year Completed: 1953
Depth (m): 30.48
Latitude: 45.375809367037
Longitude: -75.7756141083484
X: -75.77561394640746
Y: 45.37580936011971
Path: 150\1508046.pdf

Bore Hole Information

Bore Hole ID: 10030081
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/01/1953
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83: 439270.70
North83: 5024992.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931008667
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008666
Layer:	1
Color:	
General Color:	
Material 1:	01
Material 1 Desc:	FILL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508046
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578651
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052819
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052818
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508046
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933462393
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

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60 ***1 of 1*** ***ENE/187.5*** ***68.6 / 4.37*** ***ON*** ***BORE***

Borehole ID:	611027	***Inclin FLG:***	No
OGF ID:	215512536	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUL-1953	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.375811
Total Depth m:	30.5	***Longitude DD:***	-75.775615
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	439271
Drill Method:		***Northing:***	5024992
Orig Ground Elev m:	68.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	69.4		
Concession:			

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218387274	***Mat Consistency:***	Compact
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	30.5	***Material Texture:***	Coarse
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. ACT. TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. S **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387273	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	fill
Gsc Material Description:			
Stratum Description:	FILL.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03535 NTS_Sheet:		
Confiden 1:			

Source List

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

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61 | ***1 of 2*** | ***SSW/190.0*** | ***64.6 / 0.38*** | ***Kiewit Eurovia Vinci Ottawa Partnership***
1068 Richmond Road
Ottawa ON | ***SPL***

Ref No:	7118-BZKPR8	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	3/29/2021	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	3/29/2021	***Impact to Health:***	2 - Minor Environment
Dt Document Closed:	4/19/2021	***Agency Involved:***	
Site No:	NA		
MOE Response:	No		
Site County/District:			

Site Geo Ref Meth:	
Site District Office:	Ottawa
Nearest Watercourse:	
Site Name:	Byron Linear Park <UNOFFICIAL>
Site Address:	1068 Richmond Road
Site Region:	Eastern
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5025439
Easting:	439528
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	3 L
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci Ottawa Partnership
Client Type:	Corporation
Source Type:	Valve/Fitting/Piping
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Land
Incident Reason:	Equipment Failure
Incident Summary:	KEV: 3L hydraulic oil to grnd, cnted, clning
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	
Call Report Locatn Geodata:	

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61 | ***2 of 2*** | ***SSW/190.0*** | ***64.6 / 0.38*** | ***1068 Richmond Rd, Ottawa, ON OTTAWA ON*** | ***SPL***

Ref No:	1-C44W4	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	4/7/2021 2:15:01 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	4/7/2021 3:13:14 PM	**Impact to Health:**	0 No Impact
Dt Document Closed:	8/6/2021 1:11:25 PM	**Agency Involved:**	
Site No:			

MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	1068 Richmond Rd, Ottawa, ON
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	

Incident Preceding Spill:	
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	30 litre (L)
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land; Surface Water
Incident Reason:	
Incident Summary:	KEV: Spill of 30L hydraulic oil to grnd, water
Activity Preceding Spill:	
Property 2nd Watershed:	Central Ottawa
Property Tertiary Watershed:	02KF-Central Ottawa - Mississippi
Sector Type:	HIGHWAY, STREET AND BRIDGE CONSTRUCTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004320938"],"wkts":["POINT (-75.7609026000 45.3880903000)"],"creation_date":"2021-04-07"}

62 | ***1 of 1*** | ***NNE/190.7*** | ***59.9 / -4.39*** | ***ON*** | ***WWIS***

Well ID:	1508854	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/27/1953
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3725
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508854.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/27/1953
Year Completed:	1953
Depth (m):	18.288
Latitude:	45.377054673661
Longitude:	-75.7778023654697
X:	-75.77780220298119
Y:	45.377054667252686
Path:	150\1508854.pdf

Bore Hole Information

Bore Hole ID:	10030888	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439100.70
Code OB Desc:		***North83:***	5025132.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	07/27/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010777
Layer: 2
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010776
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508854
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579458
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054407
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054408
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508854
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 15.0
Recommended Pump Depth:
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: No

Water Details

Water ID: 933463550
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

63	*1 of 1*	*E/191.3*	*69.9 / 5.61*	*lot 25 con 1 ON*	*WWIS*

Well ID:	1503898	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/23/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4832
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OTTAWA CITY (NEPEAN)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503898.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/15/1949
Year Completed: 1949
Depth (m): 21.9456
Latitude: 45.3750019223833
Longitude: -75.7752199251988
X: -75.77521976316507
Y: 45.37500191544343
Path: 150\1503898.pdf

Bore Hole Information

Bore Hole ID:	10025941	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439300.70
Code OB Desc:		**North83:**	5024902.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/15/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997837
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:

Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997836
Layer: 2
Color:
General Color:
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997835
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503898
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574511
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044630
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 8.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044631
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 10.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044632
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 72.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991503898
Pump Set At:
Static Level: 12.0
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:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933456919
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Water Details

Water ID: 933456918

Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 54.0
Water Found Depth UOM: ft

Water Details

Water ID: 933456917
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

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64 | **1 of 1** | **WNW/192.4** | **57.7 / -6.54** | **ON** | **WWIS**

Well ID: 1508934
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/09/1954
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3566
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508934.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/30/1954
Year Completed: 1954
Depth (m): 22.86
Latitude: 45.3753197270863
Longitude: -75.7814197519533
X: -75.78141959001869
Y: 45.37531972038001
Path: 150\1508934.pdf

Bore Hole Information

Bore Hole ID: 10030968
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/30/1954

Elevation:
Elevrc:
Zone: 18
East83: 438815.60
North83: 5024942.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM

Remarks: ***Location Method:*** p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010996
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010995
Layer: 2
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010994
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508934
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579538
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054566
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054567
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508934
Pump Set At:
Static Level: 11.0
Final Level After Pumping: 13.0
Recommended Pump Depth:
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463647
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463648
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

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65 | **1 of 1** | **SSW/198.8** | **64.6 / 0.38** | **ON** | **BORE**

Borehole ID:	611010	**Inclin FLG:**	No
OGF ID:	215512519	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.372451
Total Depth m:	-999	**Longitude DD:**	-75.779911
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438931
Drill Method:		**Northing:**	5024622
Orig Ground Elev m:	65.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	66.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387214	**Mat Consistency:**	
Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	10.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218387215	**Mat Consistency:**	
Top Depth:	10.7	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218387213	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth:	7.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY.		

Geology Stratum ID:	218387217	**Mat Consistency:**	Dense
Top Depth:	18.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. 35RED,VERY DENSE. BEDROCK,DOLOMITE. BEDROCK,DOLOMITE. 00010 030 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387216	**Mat Consistency:**	
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	18.3	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,SHALE. BLUE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035180 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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66 | ***1 of 1*** | ***SSE/201.7*** | ***69.9 / 5.64*** | ***243 New Orchard Avenue Ottawa ON K2B*** | ***EHS***

Order No:	21052000322	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	23-JUN-21	**Search Radius (km):**	.25
Date Received:	20-MAY-21	**X:**	-75.777869
Previous Site Name:		**Y:**	45.3724004
Lot/Building Size:			
Additional Info Ordered:	Title Searches; Topographic Maps		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
67	1 of 1	W/208.8	57.9 / -6.39	ON	BORE

Borehole ID: 611025
OGF ID: 215512534
Status:
Type: Borehole
Use:
Completion Date: DEC-1963
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 56.9
Elev Reliabil Note:
DEM Ground Elev m: 60.1
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.375139
Longitude DD: -75.781736
UTM Zone: 18
Easting: 438791
Northing: 5024922
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218387270
Top Depth: 5.1
Bottom Depth:
Material Color: Brown
Material 1: Till
Material 2: Boulders
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. SILT,SAND,TILL. GREY,D **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Compact
Material Moisture:
Material Texture: Coarse
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218387268
Top Depth: 0
Bottom Depth: 1.5
Material Color:
Material 1: Fill
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: FILL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen: fill

Geology Stratum ID: 218387269
Top Depth: 1.5
Bottom Depth: 5.1
Material Color:
Material 1: Sand
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND,SILT. COMPACT.

Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035330 NTS_Sheet: 31G05F		
Confiden 1:			

Source List

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

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68 ***1 of 1*** ***NNE/210.0*** ***60.0 / -4.31*** ***ON*** ***WWIS***

Well ID:	1508855	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/27/1953
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3725
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508855.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/01/1953
Year Completed:	1953
Depth (m):	19.812
Latitude:	45.3772346836483
Longitude:	-75.7778048334774
X:	-75.77780467153548
Y:	45.377234677284896
Path:	150\1508855.pdf

Bore Hole Information

Bore Hole ID:	10030889	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439100.70

Code OB Desc:		**North83:**	5025152.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	08/01/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010778
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010779
Layer: 2
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508855
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579459
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930054410
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930054409
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508855
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933463551
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

69 ***1 of 1*** ***S/211.0*** ***67.9 / 3.64*** ***ON*** ***BORE***

Borehole ID:	611007	***Inclin FLG:***	No
OGF ID:	215512516	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	

Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.372189
Total Depth m:	-999	**Longitude DD:**	-75.778758
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439021
Drill Method:		**Northing:**	5024592
Orig Ground Elev m:	66.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387202	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY.		

Geology Stratum ID:	218387203	**Mat Consistency:**	
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	13.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218387204	**Mat Consistency:**	Dense
Top Depth:	13.7	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. GREY. . NE. 0000001200060035RED,VERY DENSE. BEDROCK,DOLOMITE. BE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035150 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

70 **1 of 1** **WNW/211.6** **52.9 / -11.39** **ON** **WWIS**

Well ID:	1508933	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/22/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4832
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508933.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/07/1951
Year Completed:	1951
Depth (m):	22.86
Latitude:	45.3762232702655
Longitude:	-75.7809213264016
X:	-75.78092116436318
Y:	45.37622326301376
Path:	150\1508933.pdf

Bore Hole Information

Bore Hole ID:	10030967	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438855.60
Code OB Desc:		**North83:**	5025042.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	06/07/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010992
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	17
Material 2 Desc:	SHALE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010991
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010993
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	24.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508933
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10579537
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054564
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054565
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508933
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 9.0
Recommended Pump Depth:
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 10
Flowing: No

Water Details

Water ID: 933463645
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 68.0
Water Found Depth UOM: ft

Water Details

Water ID: 933463646
Layer: 4

Kind Code:	1
Kind:	FRESH
Water Found Depth:	71.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463644
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463643
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.0
Water Found Depth UOM:	ft

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71 | ***1 of 1*** | ***SSW/222.2*** | ***66.8 / 2.56*** | ***ON*** | ***WWIS***

Well ID:	1508258	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	12/12/1952
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	10030293	**Tag No:**	
Depth M:	31.0896	**Contractor:**	3566
Year Completed:	1952	**Latitude:**	45.3720948144422
Well Completed Dt:	11/10/1952	**Longitude:**	-75.7791404419983
Audit No:		**Y:**	45.37209480720928
Path:		**X:**	-75.77914028040617

Bore Hole Information

Bore Hole ID:	10030293	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438990.60

Code OB Desc: ***North83:*** 5024582.00
Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 5
Date Completed: 11/10/1952 ***UTMRC Desc:*** margin of error : 100 m - 300 m
Remarks: ***Location Method:*** p5
Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931009191
Layer: 1
Color:
General Color:
Material 1: 06
Material 1 Desc: SILT
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009192
Layer: 2
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 09
Material 2 Desc: MEDIUM SAND
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 4.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009193
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 102.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961508258
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578863
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053242
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053243
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	102.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508258
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID: 933462684
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 102.0
Water Found Depth UOM: ft

Water Details

Water ID: 933462681
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Water Details

Water ID: 933462682
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Water Details

Water ID: 933462683
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

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72 | 1 of 1 | WNW/224.3 | 52.9 / -11.39 | ON | WWIS

Well ID: 1508935
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/09/1954
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3566
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508935.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/28/1954
Year Completed: 1954
Depth (m): 26.5176
Latitude: 45.3759501985126
Longitude: -75.7813645772302
X: -75.7813644154586
Y: 45.375950192259076
Path: 150\1508935.pdf

Bore Hole Information

Bore Hole ID: 10030969
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/28/1954
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 438820.60
North83: 5025012.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931011000
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 87.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010999
Layer: 3
Color: 8
General Color: BLACK
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931010997
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010998
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508935
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579539
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930054569
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	55.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930054568
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508935
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933463649
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463650
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

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73 ***1 of 1*** ***SE/225.6*** ***70.9 / 6.61*** ***ON*** ***WWIS***

Well ID:	1507779	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	03/26/1951
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3718
Tag:		***Form Version:***	1

Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507779.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/15/1951
Year Completed:	1951
Depth (m):	28.0416
Latitude:	45.3729257346315
Longitude:	-75.7760855296398
X:	-75.77608536798445
Y:	45.37292572817723
Path:	150\1507779.pdf

Bore Hole Information

Bore Hole ID:	10029814	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439230.70
Code OB Desc:		***North83:***	5024672.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	02/15/1951	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008007
Layer:	2
Color:	
General Color:	
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931008008
Layer:	3
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008006
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507779
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578384
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052294
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	92.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052293
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991507779
Pump Set At:	
Static Level:	27.0
Final Level After Pumping:	27.0
Recommended Pump Depth:	
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462024
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462025
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

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74 ***1 of 1*** ***NNW/225.8*** ***56.9 / -7.35*** ***ON*** ***WWIS***

Well ID:	1508936	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/10/1954
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4216
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON

Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508936.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/28/1954
Year Completed:	1954
Depth (m):	23.4696
Latitude:	45.3771298645315
Longitude:	-75.7799759082349
X:	-75.77997574615324
Y:	45.377129858530864
Path:	150\1508936.pdf

Bore Hole Information

Bore Hole ID:	10030970	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438930.60
Code OB Desc:		**North83:**	5025142.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/28/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011002
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	77.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011001
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508936
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579540
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930054571
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	77.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930054570
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991508936
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	12.0
Recommended Pump Depth:	
Pumping Rate:	10.0

Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463651
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Water Details

Water ID: 933463652
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 77.0
Water Found Depth UOM: ft

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75 ***1 of 1*** ***NW/226.6*** ***52.9 / -11.39*** ***lot 25 con 1 ON*** ***WWIS***

Well ID: 1503899
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (NEPEAN)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/26/1951
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4832
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503899.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/15/1949
Year Completed: 1949
Depth (m): 22.86
Latitude: 45.3767654823947
Longitude: -75.7806094928429

X: -75.78060933133747
Y: 45.376765475053816
Path: 150\1503899.pdf

Bore Hole Information

Bore Hole ID: 10025942
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/15/1949
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 438880.60
North83: 5025102.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 930997840
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997839
Layer: 2
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997838
Layer: 1

Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503899
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574512
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044634
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044633
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 9.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991503899
Pump Set At:
Static Level: 8.0
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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933456922
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933456923
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	73.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933456920
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933456921
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

76	*1 of 1*	*E/227.5*	*69.9 / 5.61*	***OTTAWA CITY*** ***COMPTON AVE/ANTHONY AVE/BYRON*** ***OTTAWA CITY ON***	*CA*

Certificate #:	3-1098-96-
Application Year:	96
Issue Date:	9/24/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

77 | **1 of 1** | **ENE/239.0** | **66.8 / 2.55** | **Kiewit Eurovia Vinci Ottawa Partnership**
Compton Ave and Byron Ave
Ottawa ON | **SPL**

Ref No:	1382-BY4NNP	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2021/02/10	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2021/02/10	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2021/04/19	**Agency Involved:**	

Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Storm Manhole<UNOFFICIAL>
Site Address: Compton Ave and Byron Ave
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025074.68
Easting: 439278.47
Incident Cause:
Incident Preceding Spill: Overflow/Surcharge
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0.2 m^3
System Facility Address:
Client Name: Kiewit Eurovia Vinci Ottawa Partnership
Client Type: Corporation
Source Type: Unknown / N/A
Contaminant Code: 27
Contaminant Name: CONCRETE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium: Land
Incident Reason: Unknown / N/A
Incident Summary: Kiewit: concrete in storm sewer manhole
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class:
Call Report Locatn Geodata:

78 | **1 of 1** | **ENE/240.8** | **69.9 / 5.61** | **ON** | **WWIS**

Well ID:	1508044	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/10/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	

Audit No:		**Contractor:**	3718
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508044.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/08/1951
Year Completed:	1951
Depth (m):	35.9664
Latitude:	45.3759937115232
Longitude:	-75.7749780429255
X:	-75.77497788099086
Y:	45.37599370542812
Path:	150\1508044.pdf

Bore Hole Information

Bore Hole ID:	10030079	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439320.70
Code OB Desc:		**North83:**	5025012.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	08/08/1951	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008663
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	118.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008661
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008662
Layer:	2
Color:	
General Color:	
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508044
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578649
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052815
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052814
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508044
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462388
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462390
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462387
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462389

Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462391
Layer:	5
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115.0
Water Found Depth UOM:	ft

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79 ***1 of 1*** ***WNW/241.4*** ***52.9 / -11.39*** ***ON*** ***WWIS***

Well ID:	1508898	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/20/1950
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4216
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508898.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/10/1950
Year Completed:	1950
Depth (m):	18.288
Latitude:	45.3764918878244
Longitude:	-75.7811293731265
X:	-75.78112921139626
Y:	45.37649188128358
Path:	150\1508898.pdf

Bore Hole Information

Bore Hole ID:	10030932	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438839.60
Code OB Desc:		**North83:**	5025072.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	06/10/1950	**UTMRC Desc:**	margin of error : 100 m - 300 m

Remarks: ***Location Method:*** gis
Location Method Desc: from gis
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010899
Layer: 2
Color:
General Color:
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010898
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010900
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508898
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579502
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054496
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 9.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054497
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508898
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 8.0
Recommended Pump Depth:
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933463600
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

80 **1 of 1** **ESE/241.5** **70.9 / 6.61** **ON** **WWIS**

Well ID:	1507780	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	01/29/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3718
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507780.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/10/1950
Year Completed:	1950
Depth (m):	30.48
Latitude:	45.3731992196432
Longitude:	-75.775578427072
X:	-75.77557826555805
Y:	45.37319921299085
Path:	150\1507780.pdf

Bore Hole Information

Bore Hole ID:	10029815	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439270.70
Code OB Desc:		**North83:**	5024702.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	07/10/1950	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931008010
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2: 26
Material 2 Desc: ROCK
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008009
Layer: 1
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961507780
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578385
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052296
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052295

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991507780
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	38.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933462026
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.0
Water Found Depth UOM:	ft

---

81 ***1 of 1*** ***E/242.4*** ***70.9 / 6.61*** ***ON*** ***BORE***

Borehole ID:	611020	**Inclin FLG:**	No
OGF ID:	215512529	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JAN-1951	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.374061
Total Depth m:	28	**Longitude DD:**	-75.774825
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439331
Drill Method:		**Northing:**	5024797
Orig Ground Elev m:	70.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	75.3		
Concession:			
Location D:			
Survey D:			
Comments:			

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

Borehole Geology Stratum

Geology Stratum ID:	218387251	***Mat Consistency:***	Dense
Top Depth:	1.8	***Material Moisture:***	
Bottom Depth:	28	***Material Texture:***	
Material Color:	White	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00060MESTONE,SHALE. LIMESTONE. WHITE. 00075AVEL. DENSE. SILT,SAND,CLAY. DE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387250	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03528 NTS_Sheet:		
Confiden 1:			

Source List

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

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82 ***1 of 1*** ***E/242.5*** ***70.9 / 6.61*** ***ON*** ***WWIS***

Well ID:	1507805	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/27/1951
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4216
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	

Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507805.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/11/1951
Year Completed:	1951
Depth (m):	28.0416
Latitude:	45.3740594685237
Longitude:	-75.774823909681
X:	-75.7748237482699
Y:	45.37405946202071
Path:	150\1507805.pdf

Bore Hole Information

Bore Hole ID:	10029840	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439330.70
Code OB Desc:		**North83:**	5024797.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	01/11/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	931008074
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008075
Layer:	2
Color:	
General Color:	

Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507805
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578410
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052344
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	11.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052345
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	92.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991507805
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	19.0
Recommended Pump Depth:	
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933462065
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Water Details

Water ID: 933462066
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 92.0
Water Found Depth UOM: ft

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83 | ***1 of 1*** | ***SW/243.3*** | ***62.9 / -1.36*** | ***CCC91***
1100 Ambleside Drive
Ottawa ON K2B 8G6 | ***GEN***

Generator No: ON8836971
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

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84 | ***1 of 1*** | ***ESE/244.1*** | ***70.9 / 6.61*** | ***FRANCIS FUELS***
235 ALISON AVE. TANK TRUCK (CARGO)
OTTAWA CITY ON | ***SPL***

Ref No: 109228
Year:
Incident Dt: 1/17/1995
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/17/1995
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Municipality No: 20101
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: CONTAINER OVERFLOW
Incident Preceding Spill:
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: OTHER
Incident Summary: FRANCIS FUELS: 1 L OIL OVERFLOWED FROM VENT PIPETO GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

---

85 | **1 of 1** | **SE/245.5** | **70.9 / 6.61** | **lot 25 con 1 ON** | **WWIS**

Well ID: 1503895
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (NEPEAN)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/24/1948
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4216
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503895.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/30/1948
Year Completed: 1948
Depth (m): 24.384
Latitude: 45.3726557193336
Longitude: -75.7760818363743
X: -75.77608167413618
Y: 45.37265571221749
Path: 150\1503895.pdf

Bore Hole Information

Bore Hole ID: 10025938
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/30/1948
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 439230.70
North83: 5024642.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997829
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 09
Material 2 Desc: MEDIUM SAND
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997830
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961503895
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10574508
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930044624
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930044625
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991503895
Pump Set At:	
Static Level:	12.0
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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID: 933456914
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

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86 | **1 of 1** | **E/246.6** | **70.9 / 6.61** | **Enbridge Energy Distribution Inc.**
220 Compton Ave
Ottawa ON | **SPL**

Ref No: 1841-B5PTTF
Year:
Incident Dt: 2018/10/19
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/10/19
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Residential<UNOFFICIAL>
Site Address: 220 Compton Ave
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0 L
System Facility Address:
Client Name: Enbridge Energy Distribution Inc.
Client Type: Corporation
Source Type: Pipeline/Components
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Receiving Medium: Air
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: T25 Gas meter strike, made safe
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

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87 | **1 of 1** | **SE/251.8** | **70.9 / 6.61** | **GRAFICO SIGNS**
247 HARCOURT AVE
OTTAWA ON K2B 5C2 | **SCT**

Established: 0000

Plant Size (ft²): 0
Employment: 0

--Details--
Description: Sign Manufacturing
SIC/NAICS Code: 339950

---

88 | **1 of 1** | **E/253.7** | **69.9 / 5.61** | **lot 25 con 1 ON** | **WWIS**

Well ID: 1503890
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (NEPEAN)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/17/1948
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4824
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503890.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/20/1947
Year Completed: 1947
Depth (m): 18.288
Latitude: 45.3752771357361
Longitude: -75.7744573926078
X: -75.77445723116031
Y: 45.37527712932634
Path: 150\1503890.pdf

Bore Hole Information

Bore Hole ID: 10025933
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/20/1947
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83: 439360.70
North83: 5024932.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930997819
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930997820
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503890
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10574503
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930044615
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930044613
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	7.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930044614
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	10.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991503890
Pump Set At:	
Static Level:	7.0
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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933456906
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
89	1 of 1	E/261.3	70.9 / 6.61	lot 25 con 1 ON	WWIS

Well ID:	1503889	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/17/1948

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4824
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OTTAWA CITY (NEPEAN)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503889.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/15/1947
Year Completed: 1947
Depth (m): 31.0896
Latitude: 45.3749179811877
Longitude: -75.7743247753066
X: -75.77432461294939
Y: 45.37491797398945
Path: 150\1503889.pdf

Bore Hole Information

Bore Hole ID:	10025932	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439370.70
Code OB Desc:		**North83:**	5024892.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	04/15/1947	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997818
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 102.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997817
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503889
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574502
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044612
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 102.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044611
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:

Pump Test ID:	991503889
Pump Set At:	
Static Level:	12.0
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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933456905
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	102.0
Water Found Depth UOM:	ft

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90 | ***1 of 1*** | ***SE/262.6*** | ***70.9 / 6.61*** | ***lot 25 con 1 ON*** | ***WWIS***

Well ID:	1503897	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	03/30/1949
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4216
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OTTAWA CITY (NEPEAN)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503897.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/23/1949
Year Completed:	1949
Depth (m):	25.908
Latitude:	45.3722939632504
Longitude:	-75.7763323059593
X:	-75.7763321441481
Y:	45.372293956041936
Path:	150\1503897.pdf

Bore Hole Information

Bore Hole ID:	10025940	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439210.70
Code OB Desc:		***North83:***	5024602.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	03/23/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997833
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930997834
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503897
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574510
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044628
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044629
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 85.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991503897
Pump Set At:
Static Level: 22.0
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:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933456916
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

91	*1 of 8*	*ENE/265.7*	*68.0 / 3.71*	***HULSE, PLAYFAIR & MCGARRY INC.*** ***WEST CHAPEL 150 WOODROFFE AVENUE***	***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA ON K2A 3T9	

Generator No: ONF022700
SIC Code: 9731
SIC Description: FUNERAL HOMES
Approval Years: 92,93,97,98,99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	2 of 8	ENE/265.7	68.0 / 3.71	HULSE, PLAYFAIR & MCGARRY INC. 44-227 WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	GEN

Generator No: ONF022700
SIC Code: 9731
SIC Description: FUNERAL HOMES
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	3 of 8	ENE/265.7	68.0 / 3.71	HULSE, PLAYFAIR & MCGARRY INC. 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	GEN

Generator No: ONF022700
SIC Code:
SIC Description:
Approval Years: 02,03,04,05,06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			

91	4 of 8	ENE/265.7	68.0 / 3.71	**HULSE, PLAYFAIR & MCGARRY INC.** **150 WOODROFFE AVENUE** **OTTAWA ON**	GEN

Generator No: ONF022700
SIC Code: 812210
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

91	5 of 8	ENE/265.7	68.0 / 3.71	**HULSE, PLAYFAIR & MCGARRY INC.** **150 WOODROFFE AVENUE** **OTTAWA ON K2A 3T9**	GEN

Generator No: ONF022700
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

91	6 of 8	ENE/265.7	68.0 / 3.71	**HULSE, PLAYFAIR & MCGARRY INC.** **150 WOODROFFE AVENUE** **OTTAWA ON K2A 3T9**	GEN

Generator No: ONF022700
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:

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

MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

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91 | ***7 of 8*** | ***ENE/265.7*** | ***68.0 / 3.71*** | ***HULSE, PLAYFAIR & MCGARRY INC.***
150 WOODROFFE AVENUE
OTTAWA ON K2A 3T9 | ***GEN***

Generator No: ONF022700
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

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91 | ***8 of 8*** | ***ENE/265.7*** | ***68.0 / 3.71*** | ***HULSE, PLAYFAIR & MCGARRY INC.***
150 WOODROFFE AVENUE
OTTAWA ON K2A 3T9 | ***GEN***

Generator No: ONF022700
SIC Code: 812210
SIC Description: 812210
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Alastair M Henderson
Choice of Contact: CO_ADMIN
Phone No Admin: 613-233-1143 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

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92 | ***1 of 1*** | ***ESE/272.1*** | ***70.9 / 6.61*** | ***lot 25 con 1***
ON | ***WWIS***

Well ID: 1503893
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/24/1948
Selected Flag: TRUE
Abandonment Rec:

Audit No:		**Contractor:**	4216
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OTTAWA CITY (NEPEAN)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503893.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/04/1948
Year Completed: 1948
Depth (m): 34.4424
Latitude: 45.3731118153271
Longitude: -75.7751941004026
X: -75.77519393856649
Y: 45.37311180817867
Path: 150\1503893.pdf

Bore Hole Information

Bore Hole ID:	10025936	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439300.70
Code OB Desc:		**North83:**	5024692.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/04/1948	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997826
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 113.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930997825
Layer:	1
Color:	
General Color:	
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503893
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10574506
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930044620
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	4.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930044621
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	113.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503893
Pump Set At:	

Static Level:	28.0
Final Level After Pumping:	29.0
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933456911
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933456912
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	113.0
Water Found Depth UOM:	ft

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93 | ***1 of 1*** | ***NNE/273.9*** | ***60.9 / -3.39*** | ***City of Ottawa***
87 Pooler Ave
Ottawa ON K2G 6J8 | ***ECA***

Approval No:	9745-C4YGL3	**MOE District:**	Ottawa
Approval Date:	2021-07-23	**City:**	
Status:	Approved	**Longitude:**	-75.77697
Record Type:	ECA	**Latitude:**	45.377635
Link Source:	IDS	**Geometry X:**	-8435453.7143
SWP Area Name:	Rideau Valley	**Geometry Y:**	5681169.606799996
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	87 Pooler Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8652-C3FLCL-14.pdf		
PDF Site Location:			

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94 | ***1 of 1*** | ***W/275.5*** | ***57.9 / -6.39*** | ***lot 25 con 1***
ON | ***WWIS***

Well ID:	1503892	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/24/1948
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4216

Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	025
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OTTAWA CITY (NEPEAN)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503892.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/21/1948
Year Completed: 1948
Depth (m): 21.336
Latitude: 45.3744559360792
Longitude: -75.7826849916802
X: -75.78268482991973
Y: 45.3744559295853
Path: 150\1503892.pdf

Bore Hole Information

Bore Hole ID:	10025935	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438715.60
Code OB Desc:		**North83:**	5024847.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	09/21/1948	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930997823
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930997824
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503892
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10574505
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930044618
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930044619
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991503892
Pump Set At:	
Static Level:	13.0

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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933456910
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

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95 ***1 of 1*** ***SW/279.6*** ***63.9 / -0.39*** ***1142 RICHMOND ROAD OTTAWA ON*** ***WWIS***

Well ID:	1535367	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	01/21/2005
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z20832	***Contractor:***	1844
Tag:	A011972	***Form Version:***	3
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535367.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/15/2004
Year Completed:	2004
Depth (m):	
Latitude:	45.371833680748
Longitude:	-75.7804726794674
X:	-75.78047251748599
Y:	45.37183367405279
Path:	153\1535367.pdf

Bore Hole Information

Bore Hole ID:	11329716	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	438886.00
Code OB Desc:		**North83:**	5024554.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/15/2004	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933284355
Layer:	1
Plug From:	0.0
Plug To:	115.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961535367
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11344571
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930855128
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	5.0
Casing Diameter:	50.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933416281
Layer:	1
Slot:	010
Screen Top Depth:	5.0
Screen End Depth:	8.0
Screen Material:	5
Screen Depth UOM:	m

Screen Diameter UOM: cm
Screen Diameter: 65.0

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991535367
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: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 934069499
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth:
Water Found Depth UOM: m

Water Details

Water ID: 934069497
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth:
Water Found Depth UOM: m

Water Details

Water ID: 934069498
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533383
Diameter: 20.0
Depth From: 0.0
Depth To: 8.0
Hole Depth UOM: m
Hole Diameter UOM: cm

96	*1 of 1*	*SSW/281.8*	*64.2 / -0.09*	***The Corporation of the City of Ottawa Wentworth Ave***	***ECA***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1N 5A1	

Approval No: 6838-4LSR5G
Approval Date: 2000-07-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
MOE District: Ottawa
City:
Longitude: -75.7801
Latitude: 45.3717
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Ottawa
Address: Wentworth Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5441-4LQPRZ-14.pdf
PDF Site Location:

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97 | **1 of 1** | **NE/288.1** | **64.4 / 0.16** | **SAIKALEY REALTY**
945 RICHMOND ROAD
OTTAWA ON | **GEN**

Generator No: ON8915999
SIC Code: 531190
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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98 | **1 of 1** | **ENE/288.8** | **69.6 / 5.30** | **170 Woodroffe Avenue**
Ottawa ON | **EHS**

Order No: 20150724064
Status: C
Report Type: Standard Select Report
Report Date: 31-JUL-15
Date Received: 24-JUL-15
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Title Searches; Topographic Maps; City Directory
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.774506
Y: 45.376281

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99 | **1 of 1** | **ENE/289.0** | **69.9 / 5.61** | **Enbridge Gas Distribution Inc.**
1991 Anthony St.
Ottawa ON | **SPL**

Ref No: 5107-96PNTN
Year:
Incident Dt: 12-APR-13
Dt MOE Arvl on Scn:
MOE Reported Dt: 12-APR-13
Dt Document Closed: 17-MAY-13
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Site No:	
MOE Response:	Referral to others
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	private residence<UNOFFICIAL>
Site Address:	1991 Anthony St.
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Leak/Break
Incident Preceding Spill:	
Environment Impact:	Confirmed
Health Env Consequence:	
Nature of Impact:	Air Pollution; Human Health/Safety
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	Enbridge Gas Distribution Inc.
Client Type:	
Source Type:	
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Incident Reason:	Unknown / N/A
Incident Summary:	Enbridge: gas leak on riser. Safe. Ottawa
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Pipeline/Components
SAC Action Class:	Air Spills - Gases and Vapours
Call Report Locatn Geodata:	

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100 | ***1 of 1*** | ***ESE/297.2*** | ***70.9 / 6.61*** | ***250 ANCASTER AVENUE, OTTAWA ON K2B 5B4*** | ***INC***

Incident No:	338444	**Any Health Impact:**	
Incident ID:	2489938	**Any Enviro Impact:**	
Instance No:		**Service Intrp:**	
Status Code:	Non Mandated	**Was Prop Damaged:**	
Incident Status:		**Reside App. Type:**	
Incident Severity:		**Commer App. Type:**	
Task No:		**Indus App. Type:**	
Attribute Category:	FS-Incident	**Institut App. Type:**	
Context:		**Depth Ground Cover:**	24"
Date of Occurrence:		**Operation Pressure:**	
Time of Occurrence:		**Equipment Type:**	
Occr Insp Start Dt:		**Equipment Model:**	
Incident Creat On:		**Serial No:**	
Instance Creat Dt:		**Cylinder Capacity:**	
Instance Install Dt:		**Cylinder Cap Units:**	
Approx Quant Rel:		**Cylinder Mat Type:**	
Tank Capacity:		**Pump Flow Rate Cap:**	
Fuels Occur Type:		**Contam. Migrated:**	
Occur Type Rpt:		**Near Body of Water:**	
Occur Category:		**Drainage System:**	

Fuel Type Involved:		**Sub Surface Contam:**	
Fuel Type Reported:		**Tank Material Type:**	
Enforcement Policy:		**Tank Storage Type:**	
Prc Escalation Req:		**Tank Location Type:**	
Item:			
Item Description:			
Device Installed Location:			
Venting Type:			
Vent Conn Mater:			
Vent Chimney Mater:			
Pipeline Type:	Main Distribution Pipeline		
Pipeline Involved:			
Pipe Material:	Plastic		
Regulator Location:			
Regulator Type:			
Liquid Prop Make:			
Liquid Prop Model:			
Liquid Prop Serial No:			
Liquid Prop Notes:			
Inventory Address:	250 ANCASTER AVENUE, OTTAWA - 1 1/4" PIPELINE HIT		
Invent Postal Code:			
Notes:			
Contact Natural Env:			
Aff Prop Use Water:			
Occurence Narrative:	Hand pick driven into gas main while excavating in frozen ground. Discussed hydro excavation with office manager.		
Operation Type Involved:			

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101 | ***1 of 1*** | ***SSW/297.2*** | ***63.9 / -0.39*** | ***TELECON INC.***
1136 Richmond RD
Ottawa ON K2B 8B0 | ***EASR***

Approval No:	R-004-8112526132	**MOE District:**	Ottawa
Status:	REGISTERED	**Municipality:**	Ottawa
Date:	2020-09-18	**Latitude:**	45.35027778
Record Type:	EASR	**Longitude:**	-75.80138889
Link Source:	MOFA	**Geometry X:**	
Project Type:	Waste Management System	**Geometry Y:**	
Full Address:			
Approval Type:	EASR-Waste Management System		
SWP Area Name:	Rideau Valley		
PDF NAICS Code:			
PDF URL:			
PDF Site Location:			

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102 | ***1 of 2*** | ***NNE/297.9*** | ***61.0 / -3.23*** | ***Enbridge Gas Distribution Inc.***
82 Orvigale Ave.
Ottawa ON | ***SPL***

Ref No:	8267-B2TUGM	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2018/07/19	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2018/07/19	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:		**Agency Involved:**	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Residential<UNOFFICIAL>		

Site Address:	82 Orvigale Ave.
Site Region:	Eastern
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	Enbridge Gas Distribution Inc.
Client Type:	Corporation
Source Type:	Pipeline/Components
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	Air
Incident Reason:	Operator/Human Error
Incident Summary:	TSSA FSB: 1/2" plastic IP nat gas line strike to atm., made safe
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:	

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102 | ***2 of 2*** | ***NNE/297.9*** | ***61.0 / -3.23*** | ***PIPELINE HIT 1/2" 82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA ON*** | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	2352954	**Fuel Category:**	
Incident Reported Dt:	7/20/2018	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT 1/2"		
Incident Address:	82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
103	1 of 2	E/298.3	70.9 / 6.61	A K FUR MANUFACTURING 212 WOODROFFE AVE OTTAWA ON K2A 3V4	SCT

Established: 1985
Plant Size (ft²):
Employment: 5

--Details--
Description: FUR GOODS
SIC/NAICS Code: 2371

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
103	2 of 2	E/298.3	70.9 / 6.61	A & C Fur Creations Inc. 212 Woodroffe Ave Ottawa ON K2A 3V4	SCT

Established: 01-JUN-89
Plant Size (ft²):
Employment:

--Details--
Description: Fur and Leather Clothing Manufacturing
SIC/NAICS Code: 315292

Description: Other Women's and Girls' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315239

Description: Other Women's and Girls' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315239

Description: Clothing Accessories and Other Clothing Manufacturing
SIC/NAICS Code: 315990

Description: All Other Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315299

Unplottable Summary

Total: 17 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Woodroffe Avenue	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Bourke Family Development Inc.	Byron Ave Reginstered Plan No. 204	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	National Capital Commission	Ottawa River Parkway Detour Lane	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	POOLER AVE. P.S.	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
WWIS		lot 25	ON	

Unplottable Report

Site: ***City of Ottawa***
Woodroffe Avenue Ottawa ON

Database: ***CA***

Certificate #: 9466-74ZR66
Application Year: 2007
Issue Date: 8/13/2007
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 of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 7893-5NLQJH
Application Year: 2003
Issue Date: 6/18/2003
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: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
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: ***Bourke Family Development Inc.***
Byron Ave Reginstered Plan No. 204 Ottawa ON

Database: ***CA***

Certificate #: 3911-7BKMY9

Application Year:	2008
Issue Date:	2/7/2008
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 of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	1424-6CXJGA
Application Year:	2005
Issue Date:	6/3/2005
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: ***National Capital Commission***
Ottawa River Parkway Detour Lane Ottawa ON

Database: ***CA***

Certificate #:	0973-5M4KXY
Application Year:	2003
Issue Date:	4/30/2003
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:
Lot 25 & 26, Concession 1 Ottawa ON

Database: ***CA***

Certificate #:	3510-4QHTRG
Application Year:	00
Issue Date:	10/30/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	1270449 Ontario Inc.
Client Address:	1187 Bank Street
Client City:	Ottawa
Client Postal Code:	K1S 3X7
Project Description:	watermain construction on pooler ave, orvigale road, porter st.
Contaminants:	
Emission Control:	

Site:
Lot 25 & 26, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 6524-4QHTM6
Application Year: 00
Issue Date: 10/30/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1270449 Ontario Inc.
Client Address: 1187 Bank Street
Client City: Ottawa
Client Postal Code: K1S 3X7
Project Description: storm sewers construction on Saundres Ave; sanitary sewers construction on Pooler Ave, Orvigale Road, Porter St.
Contaminants:
Emission Control:

Site:
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 7965-5ERRRZ
Application Year: 02
Issue Date: 10/11/02
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: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:
Emission Control:

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

Database: ***CA***

Certificate #: 3-0302-85-006
Application Year: 85
Issue Date: 4/22/85
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***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0159-96-
Application Year: 96
Issue Date: 4/1/1996
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***
BYRON AVENUE OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1320-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***NON-PROFIT HOUSING CORPORATION***
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
POOLER AVE. P.S. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1879-89-
Application Year: 89
Issue Date: 9/28/1989
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***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1088-90-

Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TEXACO***
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No: 14431
Year:
Incident Dt: 2/2/1989
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1989
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Preceding Spill:
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: ERROR
Incident Summary:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Municipality No: 20101
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Site:
lot 25 ON

Database: ***WWIS***

Well ID: 1523747
Construction Date:
Use 1st: Industrial
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/04/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/12/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE

Material 2: 82
Material 2 Desc: SHALY
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523747
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934651310
Test Type:
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

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

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

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-Apr 2024

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-Apr 30, 2024

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 2022

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: Oct 2023

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-Apr 30, 2024

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 2023

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-May 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2024

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 - Aug 2023

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: Oct 2023

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-Apr 30, 2024

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 - Mar 31, 2024

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-Apr 30, 2024

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-Mar 31, 2024

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: Apr 30, 2022

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 or 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, 2023

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: Oct 2023

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-Mar 2024

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: Oct 31, 2021

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: Oct 2023

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-Oct 31, 2022

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 2021

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 in 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: 31 Oct, 2023

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: Mar 31, 2022

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 2024

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, 2022

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-Nov 2023

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 1993-2020: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

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.

Government Publication Date: 1988-May 31, 2024

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-Aug 2023

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 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 - Mar 31, 2024

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-Apr 30, 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

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: Feb 28, 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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

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, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2024

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-Apr 30, 2024

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 by 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. This database includes spill incidents that occurred in Mar 2023-Mar 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2023

Variances 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-Apr 30, 2024

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 30st, 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: Dec 31 2023

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.

APPENDIX VI
GOVERNMENT AND REGULATORY INFORMATION

OTTAWA RIVER

SIR JOHN A MACDONALD PKY

POOLER AVE

RICHMOND RD

KNIGHTSBRIDGE RD

BLACK FRIARS RD

LOCKHART AVE

PRINCE CHARLES RD

ANTHONY AVE

BYRON AVE

NEW ORCHARD AVE N

AMBLESIDE DR

MCEWEN AVE

HARTLEIGH AVE

RICHARDSON AVE

NEW ORCHARD AVE

WOODLAND AVE

HARCOURT AVE

ALLISON AVE

JOANNE AVE

ANGASTER AVE

COMPTON AVE

WOODROFFE AVE

SAVILLE ROW

FLOWER AVE

MIDWAY AVE

LAWN AVE

__679A0P

__679AI7

__679B6X

__670HBH

__679E7F

__679EEK

__670HI8

__679G1Q

__679G7O

__679F6H

__679AP5

__679FFI

__679G8V

__679FA1

0 25 50 100

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Path: N:\Active\Spatial_IM\Fengate\ 1047_Richmond_Rd\99_PRO\2149\4079_Fengate_GeoEnviro\0001_PhaseOne_ESA\HLU.mxd

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

April 21, 2025

Justin Serroul
Terrapex Environmental Ltd.

Dear Justin Serroul
RE: Request #: EPI-2025-2000005997
Requestor provided Site Name: 1047 Richmond Road
Requestor provided Client Reference: CO972.00
Site address: 1047 Richmond Road, Ottawa

This letter confirms that, after conducting a thorough search of its source system applications, the ministry has identified potential records related to your property request. Our search indicates that the ministry may hold the following records:

- Air Approval[1]
- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports

If you would like to submit a Freedom of Information (FOI) request to the ministry, please return to the table on the Requests tab of the EPI application and select “Submit FOI” under the Actions column in the row identified by EPI-2025-2000005997.

If you have any questions regarding the matter, please contact the ministry at eproperty@ontario.ca.

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.

[1] In addition to the core reports (e.g Environmental Compliance Approval), there may be extensive supporting documentation associated with this record type. When transferring your request over to FOI, we encourage you to refine the scope of your request to only the supporting documentation required for your purposes, as the inclusion of this additional documentation can add significant processing time.

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

Le 21 avril 2025

Justin Serroul
Terrapex Environmental Ltd.

Madame,
Monsieur, Justin Serroul
Objet : No de demande : EPI-2025-2000005997
Nom du site fourni par le demandeur : 1047 Richmond Road
Référence client fournie par le demandeur: CO972.00
Adresse du site: 1047 Richmond Road, Ottawa

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ses applications de système source, le ministère a circonscrit des dossiers potentiels reliés à votre demande concernant des biens immobiliers. Notre recherche indique que les dossiers suivants peuvent être en possession du ministère:

- Air Approval[1]
- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports

Si vous souhaitez soumettre une demande de liberté d'information (FOI) au ministère, veuillez retourner au tableau de l'onglet Requêtes de l'application EPI et sélectionner "Soumettre FOI" dans la colonne Actions de la ligne identifiée par EPI-2025-2000005997.

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante : eproperty@ontario.ca.

Veuillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de

la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements fournis sont à jour, exacts, complets et exempts d’erreurs. L’utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

[1] En plus des rapports de base (par exemple, l'approbation de conformité environnementale), il peut y avoir de nombreux documents justificatifs associés à ce type d'enregistrement. Lors du transfert de votre demande vers FOI, nous vous encourageons à affiner la portée de votre demande en ne tenant compte que des pièces justificatives requises pour vos besoins, car l'inclusion de ces documents supplémentaires peut ajouter un temps de traitement important.

ASSESSMENT OF HABITAT FOR THREATENED AND ENDANGERED SPECIES

Project number	**CO972**
Site address	**1047 Richmond Road, Ottawa**

Species at risk potentially present?

There are no threatened or endangered species likely to occur within, or within 30 m of the site.	**Species list: NA**

Habitat at risk potentially present?

Determined that there are no such areas within, or within 30 m of the site	**Description of the habitat: NA**

Species at Risk with potential to occur within the Site (Highlighted).

Common Name	Scientific Name	SARO Status[1]	Habitat type	Candidate Habitat Present Within Site?	Rationals	References
American Ginseng	*Panax quinquefolius*	THR	General (Guided)	No. The site and its 30 m lacks sufficient natural vegetation and canopy cover to support the species.	Across its Ontario distribution, American Ginseng often grows in the herb layer of rich, mature deciduous forests, but also occurs in mixed forests and coniferous or mixed swamps. American Ginseng is an obligate understory species and is typically found under an overstory that provides approximately 75 percent shade. The species grows in mature deciduous forest stands with moderately moist to well-drained, generally rich in nutrients with a pH of moderately acid to neutral soils. Sites generally have few shrubs present in the understory. Research indicates that the species is often associated with seepage sites and floodplains of first-order of intermittent streams (MECP 2019).	MECP. 2019. Recovery Strategy for the American Ginseng (Panax quinquefolius) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. iv + 9 pp. + Appendix. Adoption of the Recovery Strategy for American Ginseng (Panax quinquefolius) in Canada (Environment Canada 2018).
Butternut	*Juglans cinerea*	END	General	No. The site and its 30 m lacks sufficient natural vegetation and canopy cover to support the species.	Butternut occupies sites with moist and well-drained soils. The species is typically found alone or in small groups within deciduous forests, often associated with watercourses. Butternut is not tolerant of shade and is often found growing in sunny openings and along forest edges (MECP 2025; Poisson & Ursic 2013).	Poisson, G., and M. Ursic. 2013. Recovery Strategy for the Butternut (Juglans cinerea) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. v + 12 pp. + Appendix vii + 24 pp. Adoption of the Recovery Strategy for the Butternut (Juglans cinerea) in Canada (Environment Canada 2010).
Eastern Prairie Fringed-orchid	*Platanthera leucophaea*	END	Regulated	No. The site and its 30 m lacks sufficient natural vegetation of old meadow, fen or bog to support the species.	Eastern Prairie Fringed-orchid requires open conditions with full sunlight for optimal growth and flowering, which restricts it to graminoid-dominated vegetation communities. Eastern Prairie Fringed-orchid favours neutral to slightly calcareous soils and is currently found in fens, along fluctuating limestone shorelines and in wet-mesic prairie and old field habitats (EPFORT 2010).	Eastern Prairie Fringed-orchid Recovery Team. 2010. Recovery strategy for the Eastern Prairie Fringed-orchid (Platanthera leucophaea) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. vi + 30 pp.
American Eel	*Anguilla rostrata*	END	General	No. The site and its 30 m are more than 200 m away from any watercourse. The report is from the broader area, the Ottawa River.	The American Eel uses a broad diversity of habitats during its growth period including oceanic, estuarine, freshwater. Growing eels are primarily benthic, utilizing substrate (rock, sand and mud), bottom and woody debris, and submerged vegetation for protection and cover. Vegetation (e.g., eel grass) and interstitial spaces consisting of rock piles, logs and other complex structures are important to eels as cover, particularly during daylight hours. Given the high abundance of eels often observed in tributaries, tributary waters seem to be a very important component of eel habitat. Habitat in tributaries is often of high quality and less disturbed than other areas (MacGregor et al., 2013)	MacGregor, R., J. Casselman, L. Greig, J. Dettmers, W. A. Allen, L. McDermott, and T. Haxton. 2013. Recovery Strategy for the American Eel (Anguilla rostrata) in Ontario. Ontario Recovery Strategy Series. Prepared for Ontario Ministry of Natural Resources, Peterborough, Ontario. x + 119 pp.

Common Name	Scientific Name	SARO Status[1]	Habitat type	Candidate Habitat Present Within Site?	Rationals	References
Blanding's Turtle	*Emydoidea blandingii*	THR	General (Guided)	No. The site and its 30 m lack any aquatic or wetland habitat that could support the species presence.	The Blanding's Turtle is a semi-aquatic species. Although it spends most of its time in aquatic habitats, it has seasonal movement patterns which allow it to meet different biological or behavioural needs, including the use of terrestrial habitats during the active season. Habitat use varies as a function of the different activities undertaken by individuals to complete their life cycle. Blanding's Turtles use aquatic habitats for overwintering, mating, foraging, thermoregulation, summer inactivity, and movement. They often favour relatively eutrophic environments, with shallow water (less than 2 m deep, often less than 50 cm), soft highly organic substrates, and abundant submergent, floating, and emergent vegetation. They can occur in a variety of wetland habitats (e.g., marshes, ponds, swamps, bogs, fens, coastal wetlands), slow-flowing rivers and creeks, pools, lakes, bays, sloughs, marshy meadows, and artificial channels. Blanding's Turtles have been shown to select all wetland types over lotic environments and have also shown a preference for ponds and marshes when available (MECP 2019).	Ministry of the Environment, Conservation and Parks. 2019. Recovery Strategy for the Blanding's Turtle (Emydoidea blandingii) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. iv + 6 pp. + Appendix. Adoption of the Recovery Strategy for Blanding's Turtle (Emydoidea blandingii), Great Lakes / St. Lawrence population, in Canada (Environment and Climate Change Canada 2018).
Chimney Swift	*Chaetura pelagica*	THR	General (Guided)	No. The site ad its 30 m lack any open chimney or old and hollow tree that could function as the species nesting habitat.	Chimney Swift have historically nested in large hollow trees, other tree cavities and cracks in cliffs, but now tend to nest in chimneys and other anthropogenic structures, such as silos, wells and abandoned buildings, found within urban environments (Cadman et al. 2007, COSSARO 2020).	Cadman, M.D., D.A. Sutherland, G.G. Beck, D. Lepage, and A.R. Couturier (eds.). 2007. Atlas of the Breeding Birds of Ontario, 2001-2005. Bird Studies Canada, Environment Canada, Ontario Field Ornithologists, Ontario Ministry of Natural Resources, and Ontario Nature, Toronto, xxii + 706 pp. COSSARO 2020. Ontario Species at Risk Evaluation Report for Chimney Swift, Martinet ramoneur (Chaetura Pelagica).
Least Bittern	*Ixobrychus exilis*	THR	General	No. The site and its 30 m lack any wetland habitat that could support the species presence.	In Ontario, the Least bittern is found in a variety of wetland habitats but strongly prefers cattail marshes with a mix of open pools and channels (OMNR 2016).	Ontario Ministry of Natural Resources and Forestry. 2016. Recovery Strategy for the Least Bittern (Ixobrychus exilis) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ontario Ministry of Natural Resources and Forestry, Peterborough, Ontario. v + 5 pp. + Appendix.
Bobolink	*Dolichonyx oryzivorus*	THR	General (Guided)	No. The site and its 30 m lack any grassland or grassland resembling vegetation that could function as the species habitat.	Bobolink breed in relatively tall vegetation typically associated with hayfields and other grasslands, with nesting success being greatest in undisturbed fields or those mown in mid- to late summer (Cadman et al. 2007).	Cadman, M.D., D.A. Sutherland, G.G. Beck, D. Lepage, and A.R. Couturier (eds.). 2007. Atlas of the Breeding Birds of Ontario, 2001-2005. Bird Studies Canada, Environment Canada, Ontario Field Ornithologists, Ontario Ministry of Natural Resources, and Ontario Nature, Toronto, xxii + 706 pp.
Eastern Meadowlark	*Sturnella magna*	THR	General (Guided)	No. The site and its 30 m lack any grassland or grassland resembling vegetation that could function as the species habitat.	Eastern Meadowlarks breed in moderately tall grasslands (e.g., pastures and hayfields), but can also be found in alfalfa fields, weedy borders of croplands, roadsides, orchards, airports, shrubby overgrown fields, or other open areas. Sites typically contain small trees, shrubs or fence posts which are used as song perches (MECP 2025).	MECP. 2025. Species at risk in Ontario. Available from: https://www.ontario.ca/page/species-risk-ontario.

SARO Status Legend

END	Endangered - the species lives in the wild in Ontario but is facing imminent extinction or extirpation
THR	Threatened - the species lives in the wild in Ontario, is not endangered, but is likely to become endangered if steps are not take to address factors threatening it
Not Listed	The SARO list (i.e., Ontario Regulation 230/08) does not include the species.

Resources chacked:

Species at risk in Ontario. MECP	https://www.ontario.ca/page/species-risk-ontario
Natural Heritage Information Centre (NHI	https://www.lioapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&locale=en-CA
Ontario Reptile & Amphibian Atlas (ORAA	Ontario Reptile and Amphibian Atlas, available at https://www.ontarioinsects.org/herp/
Ontario Breeding Bird Atlas (OBBA)	Birds Ontario, available at https://www.birdsontario.org/jsp/datasummaries.jsp#results
Rare Species of Ontario. NHIC.	https://inaturalist.ca/projects/nhic-rare-species-of-ontario
Ontario Butterfly Atlas Online (OBAO)	https://www.ontarioinsects.org/atlas
Fisheries and Oceans Canada (DFO)	https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html

APPENDIX VII
AERIAL PHOTOGRAPHS

N

OTTAWA RIVER

KICHI ZIBI MIKAN PARKWAY

NEW ORCHARD AVENUE NORTH

RICHMOND ROAD

BYRON AVENUE

ALLISON AVENUE

JOANNE AVENUE

HARCOURT AVENUE

ANGASTER AVENUE

COMPTON AVENUE

ANTHONY AVENUE

WOODROFFE AVENUE

KNIGHTSBRIDGE ROAD

AMBLESIDE DRIVE

MCEWEN AVENUE

HARTLEIGH AVENUE

RICHARDSON AVENUE

NEW ORCHARD AVENUE

MIDWAY AVENUE

WOODLAND AVENUE

LAWN AVENUE

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: NATIONAL AIR PHOTO LIBRARY
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1946 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-1**

C:\Users\ts.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1958 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-2**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1965 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-3**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1976 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-4**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

N

OTTAWA RIVER

KNIGHTSBRIDGE ROAD

WOODROFFE AVENUE

KICHI ZIBI MIKAN PARKWAY

NEW ORCHARD AVENUE NORTH

RICHMOND ROAD

BYRON AVENUE

ANTHONY AVENUE

ALLISON AVENUE

JOANNE AVENUE

ANCASTER AVENUE

COMPTON AVENUE

HARCOURT AVENUE

AMBLESIDE DRIVE

NEW ORCHARD AVENUE

WOODLAND AVENUE

MCEWEN AVENUE

RICHARDSON AVENUE

MIDWAY AVENUE

HARTLEIGH AVENUE

LAWN AVENUE

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1991 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-5**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

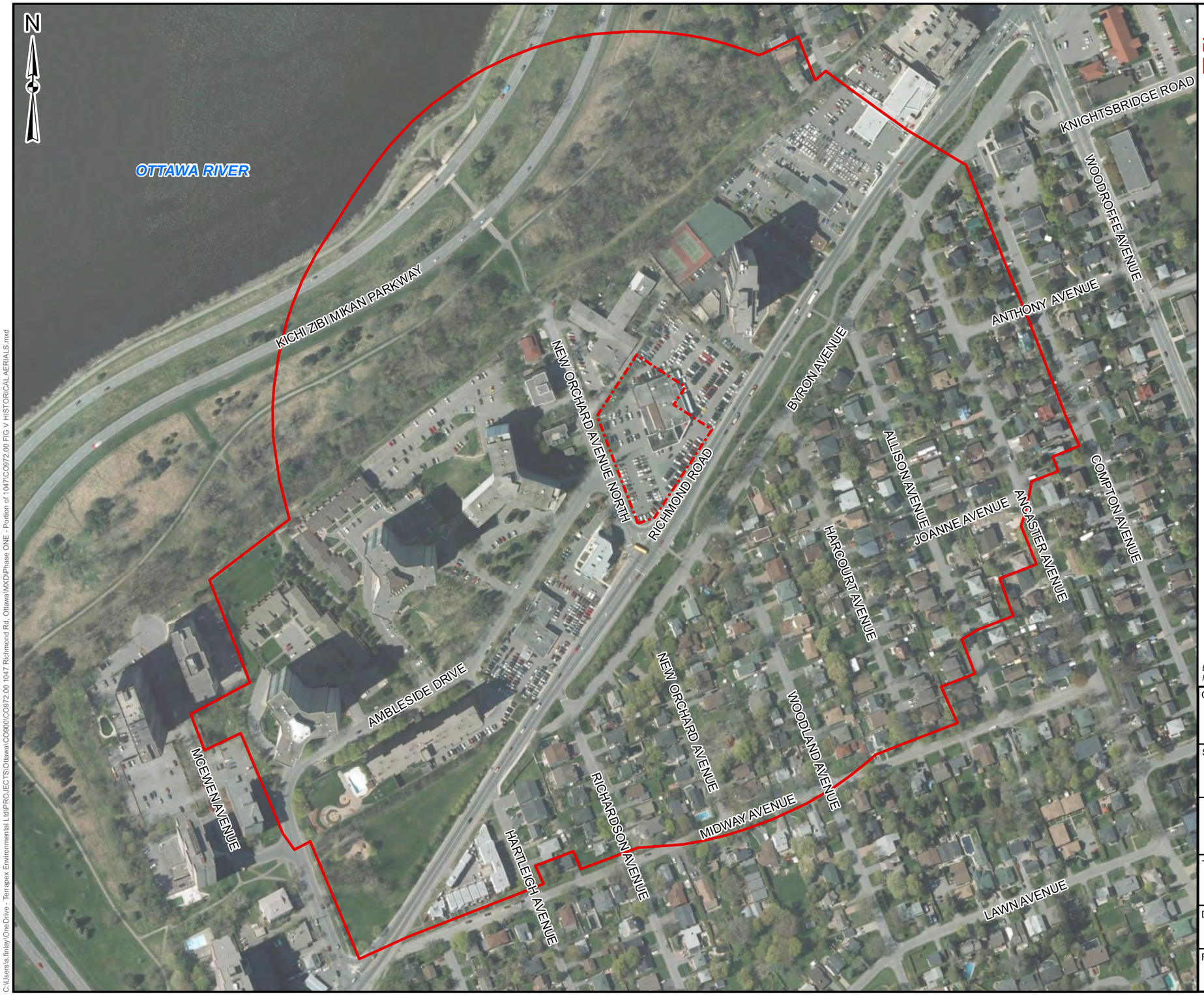
SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
2002 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-6**

C:\Users\ts.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
2011 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-7**

C:\Users\ts.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
2021 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-8**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA

0 50 100 150
Metres

DATA SOURCE: GOOGLE EARTH
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
2024 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO972.00	KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: **VII-9**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd

APPENDIX VIII
TOPOGRAPHIC MAPS

LEGEND

SITE BOUNDARY

STUDY AREA

DATA SOURCE: NATURAL RESOURCES CANADA
MAP PROJECTION: NAD 1983 UTM Zone 18N

CLIENT: FENGATE

SITE LOCATION:
PORTION OF 1047 RICHMOND ROAD
OTTAWA, ONTARIO

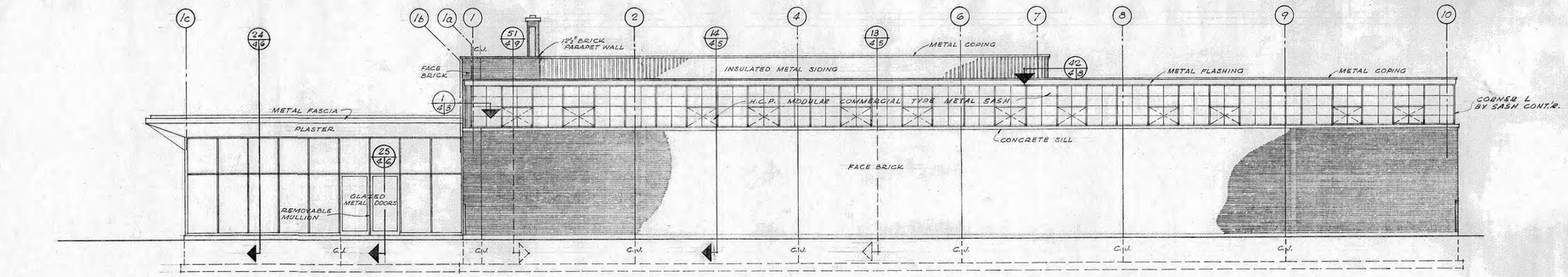
TERRAPEX

TITLE:
TOPOGRAPHIC MAP

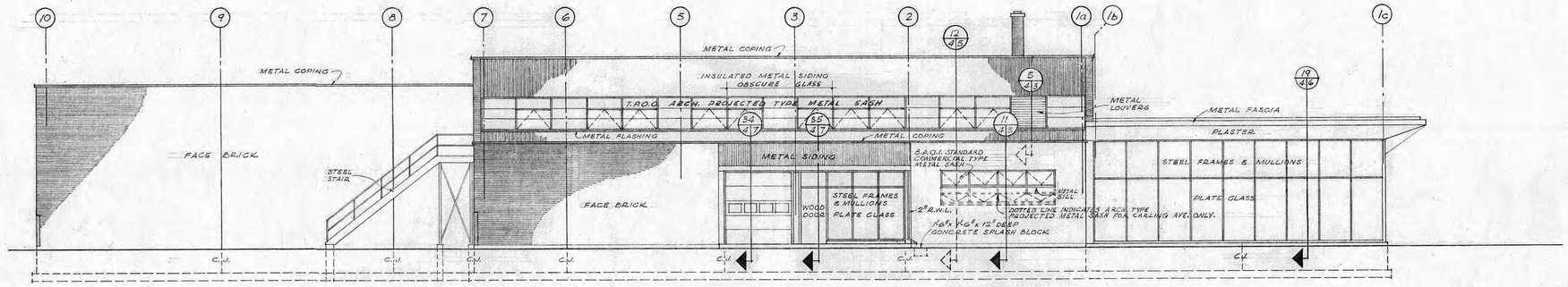
DRAWN BY: JS	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: APRIL 2025	**FIGURE: VIII-1**

sfinlay C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd, Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG X TOPO MAP.mxd

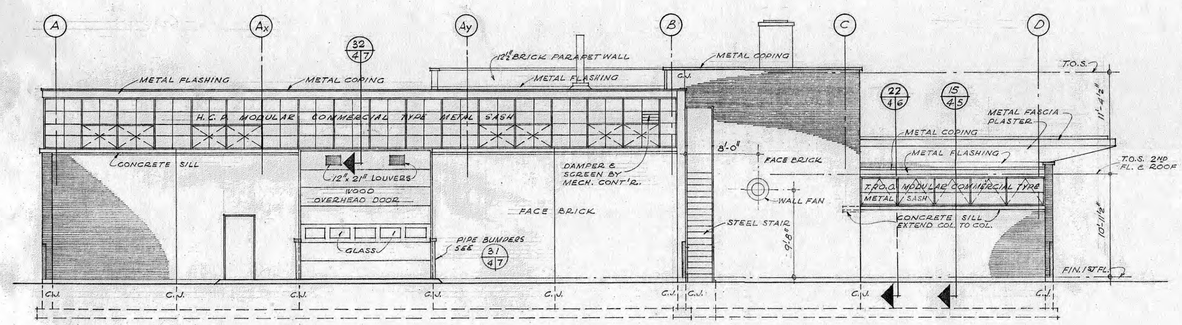
APPENDIX IX
CLIENT FILES



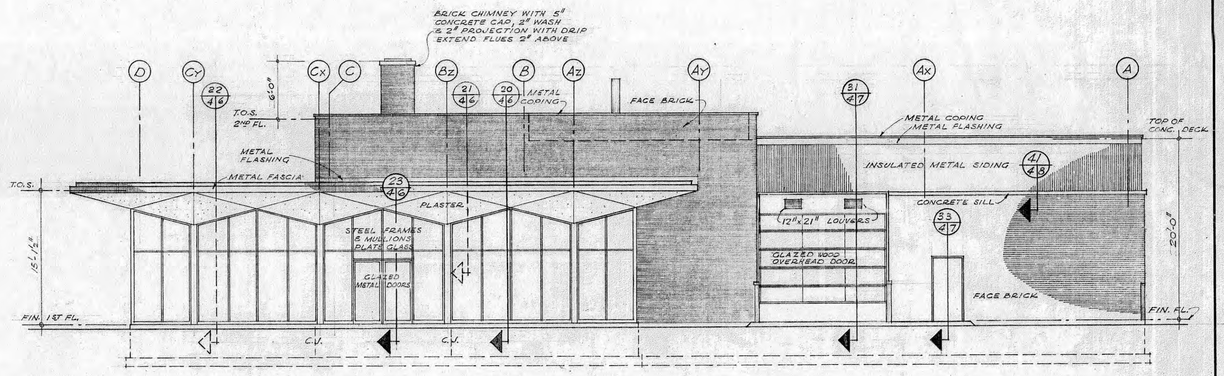
RIGHT SIDE ELEVATION
SCALE 3/8" = 1'-0"



LEFT SIDE ELEVATION
SCALE 3/8" = 1'-0"



REAR ELEVATION
SCALE 3/8" = 1'-0"



FRONT ELEVATION
SCALE 3/8" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET | DETAIL SHEET

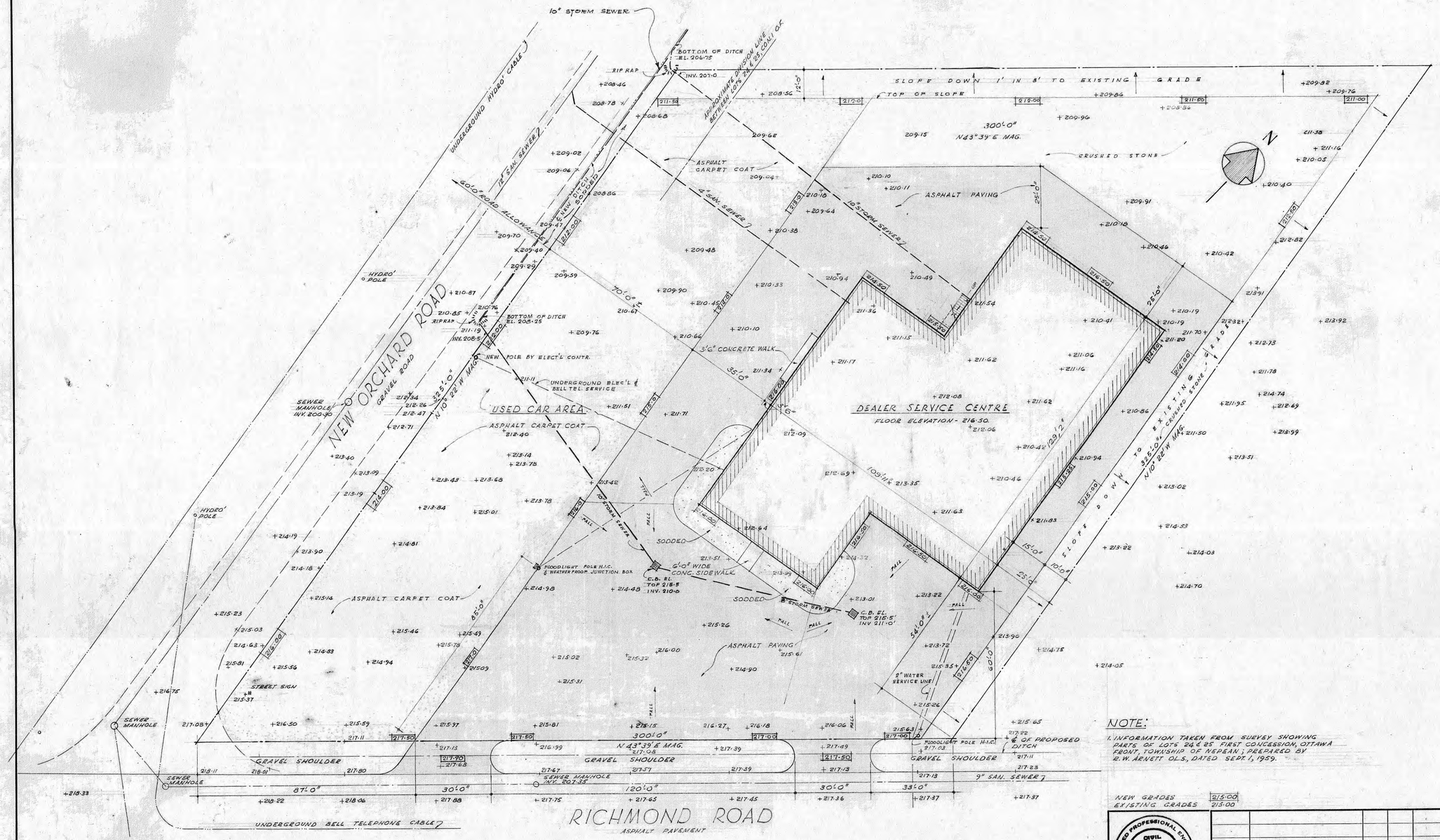
DATE	ISSUED FOR	BY	BULLETIN
		11/25/59 JL	#5
NOV. 11/59	REVISION WITH BULLETIN #4.	W.I.G	#4.
OCT. 5/59	REVISIONS WITH BULLETIN #1.	V.G.F.	#1.
SEPT 21-59	CONSTRUCTION		
SEPT 16/59	BUILDING PERMIT		
SEPT 15/59	SUB-TRADE TENDERS		

CLIENT: CHRYSLER CORPORATION
JOB TITLE: SALES & SERVICE CENTERS
SHEET TITLE: ELEVATIONS

GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
TORONTO, ONT. — WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
P.C.L.		A. PERRIN	C-59-27-B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED		DATE	SHEET 4
APPROVED		JOB CAPTAIN: J. LENARD	FILE #64

L100
Q-D-7



PLOT PLAN

SCALE 1" = 20'-0"

NOTE:

1. INFORMATION TAKEN FROM SURVEY SHOWING PARTS OF LOTS 24 & 25 FIRST CONCESSION, OTTAWA FRONT, TOWNSHIP OF NEPEAN; PREPARED BY R.W. ARNETT O.L.S., DATED SEPT. 1, 1959.

NEW GRADES 215.00
EXISTING GRADES 215.00

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DETAIL SYMBOL — DETAIL NUMBER — LOCATION SHEET — DETAIL SHEET

DATE	ISSUED FOR	DATE	BY	REVISION
July 11/60	REVISIONS - AS BUILT	7/11/60	G.J.	
OCT. 9/59	CONSTRUCTION			#2
SEPT 18/59	BUILDING PERMIT			
SEPT 8/59	SUBTRADE TENDERS			

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: PLOT PLAN - RICHMOND ROAD

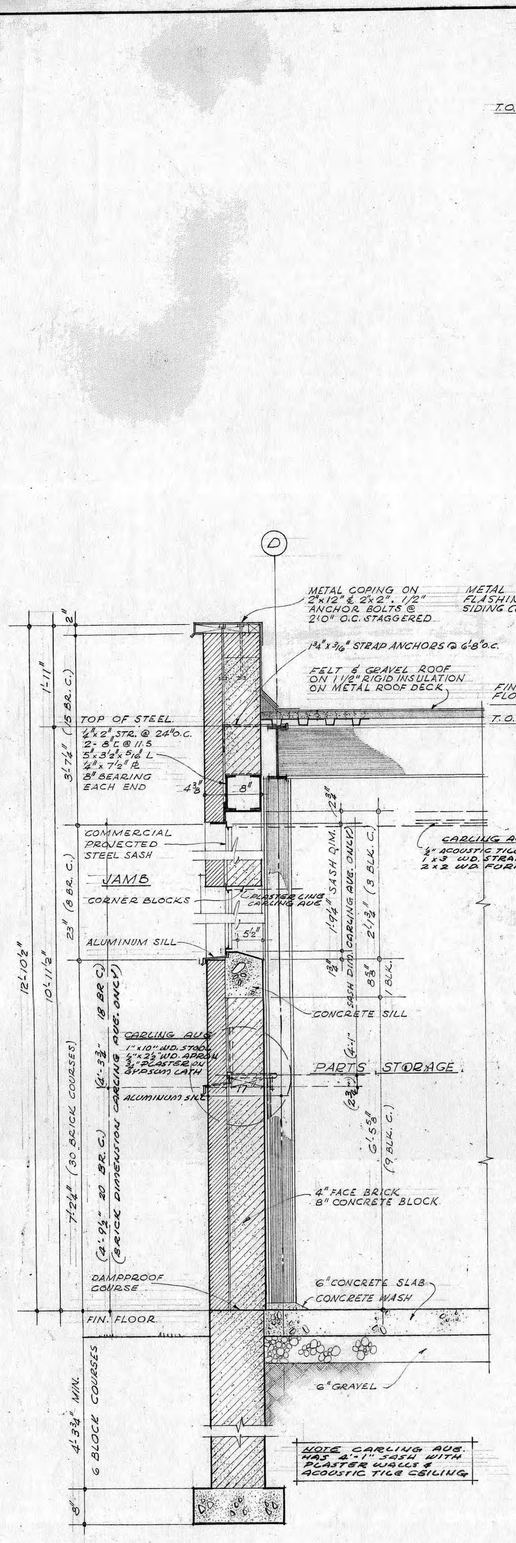
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. — WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
WIG	8-29-59	A PERRIN	C 59 27 B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED		DATE	SHEET
APPROVED		JOB CAPTAIN J. LENARD	1A

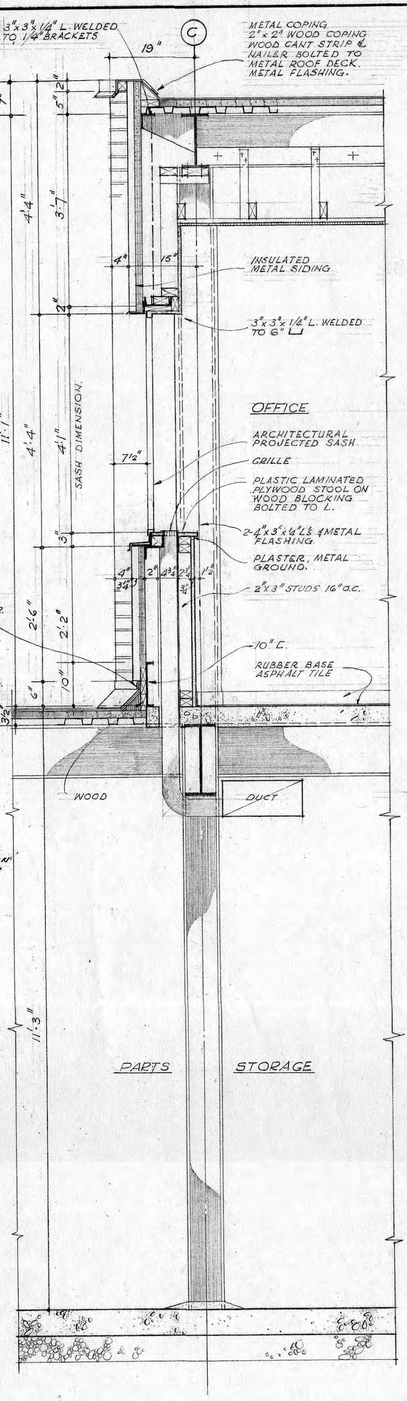
FILE # 54

L 100

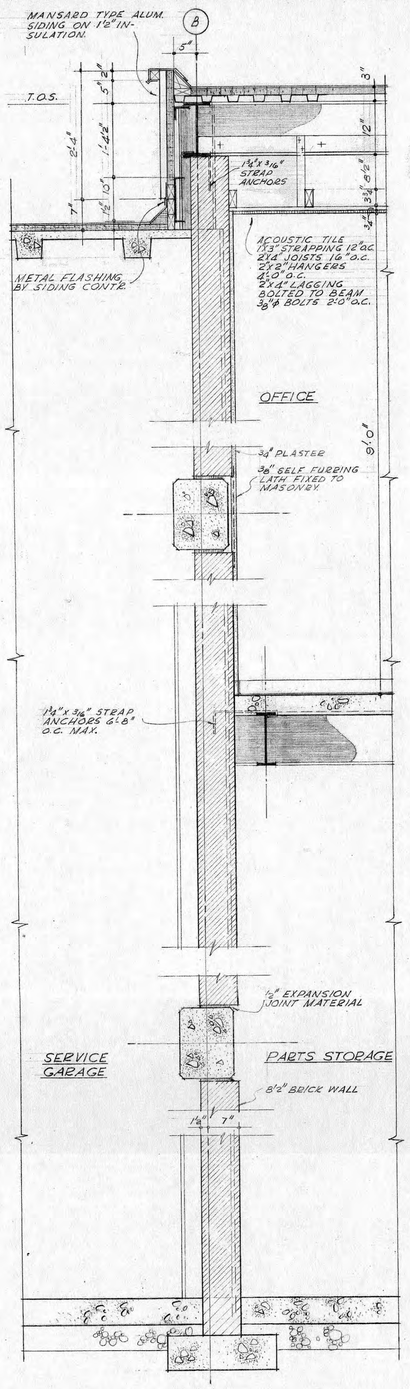
G-D-7



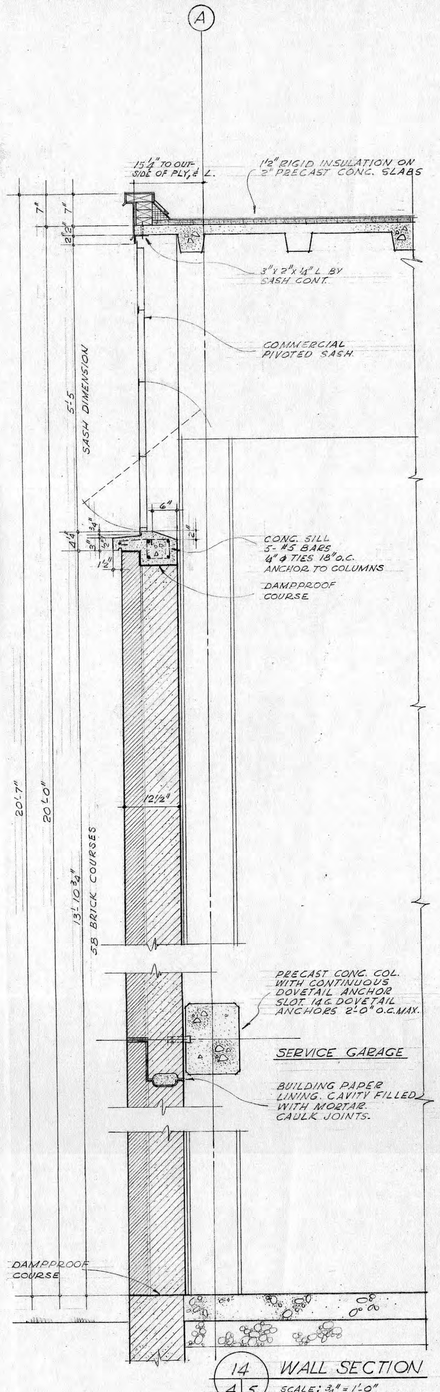
11 / 4 5 WALL SECTION
SCALE: 3/4" = 1'-0"



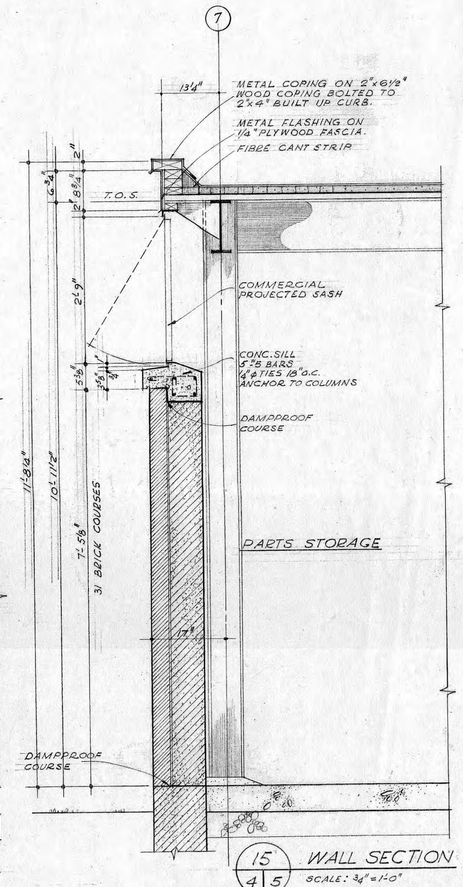
12 / 4 5 WALL SECTION
SCALE: 3/4" = 1'-0"



13 / 4 5 WALL SECTION
SCALE: 3/4" = 1'-0"



14 / 4 5 WALL SECTION
SCALE: 3/4" = 1'-0"



15 / 4 5 WALL SECTION
SCALE: 3/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DETAIL SYMBOL: DETAIL NUMBER / LOCATION SHEET / DETAIL SHEET

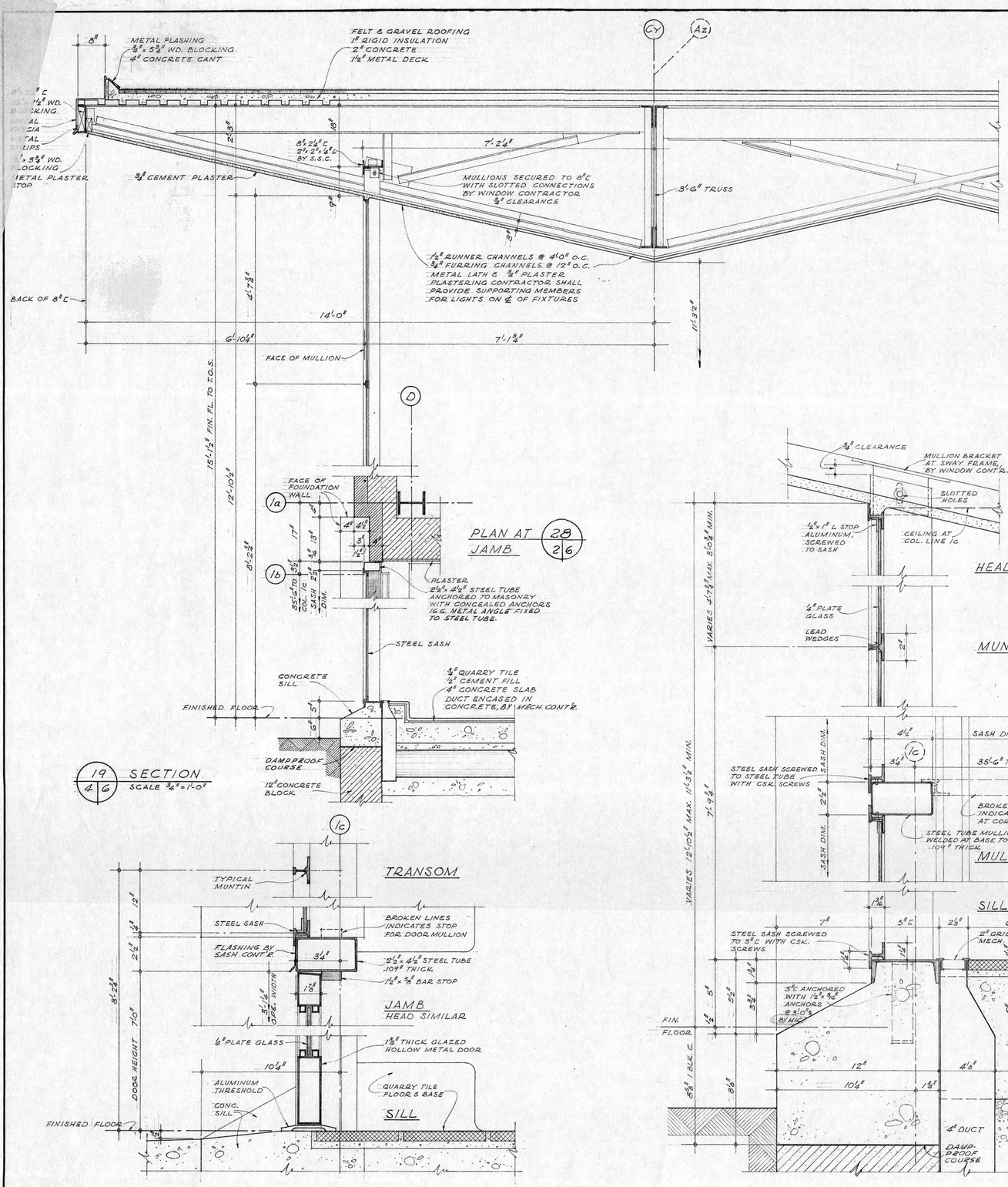
DATE	ISSUED FOR	BY	BULLETIN
NOV. 11/59	REVISIONS WITH BULLETIN #4	W.K.	#4
OCT. 5/59	REVISIONS WITH BULLETIN #1	W.G.F.	#1.
SEPT. 21/59	CONSTRUCTION		
SEPT. 16/59	BUILDING PERMIT		
SEPT. 15/59	SUB-TRADE TENDERS		

REVISION

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: EXTERIOR WALL SECTIONS
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. — WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
W.I.G.	8/59	A. PERRIN	C.59.27-B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED		DATE	SHEET 5
APPROVED		JOB CAPTAIN J. LENARD	

L100 Q-D-7 FILE # 64



SIDE ENTRANCE DETAILS

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DETAIL SYMBOL
DETAIL NUMBER / LOCATION SHEET / DETAIL SHEET

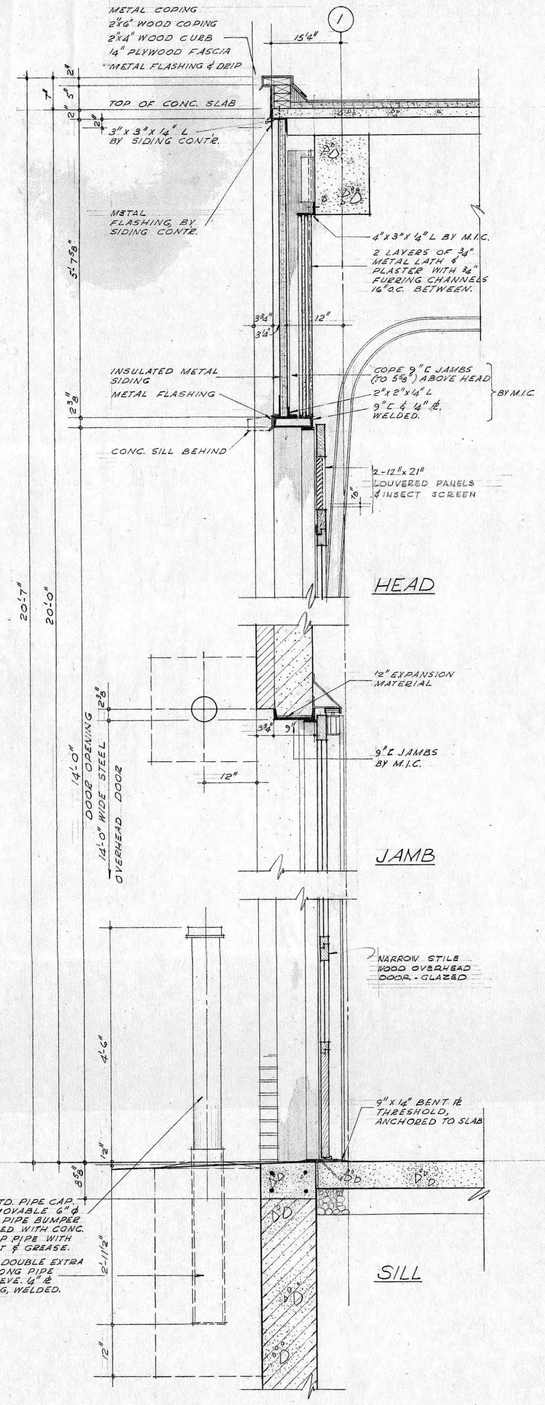
DATE	ISSUED FOR	DATE	BY	REVISION
OCT. 5/59	REVISIONS WITH BULLETIN #1		V.S.F	#1.
SEPT. 21/59	CONSTRUCTION			
SEPT. 16/59	BUILDING PERMIT			

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: SHOWROOM DETAILS

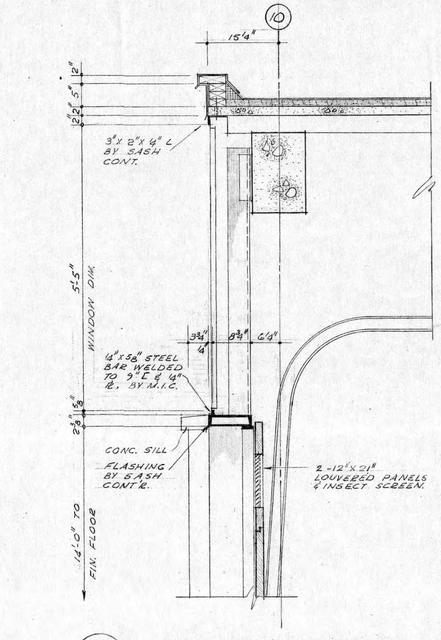
GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
PCL	9.10.59	A. PERRIN	C 59-27-B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED		DATE	SHEET 6
APPROVED		JOB CAPTAIN J. LENNARD	

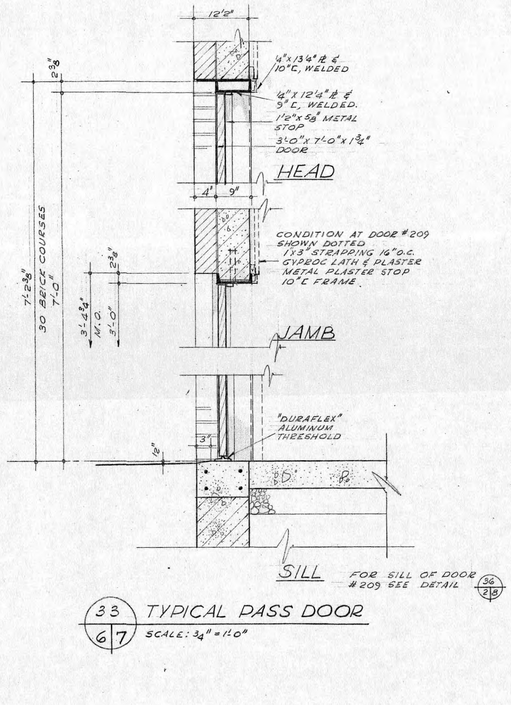
L100 9-D-7 FILE #64



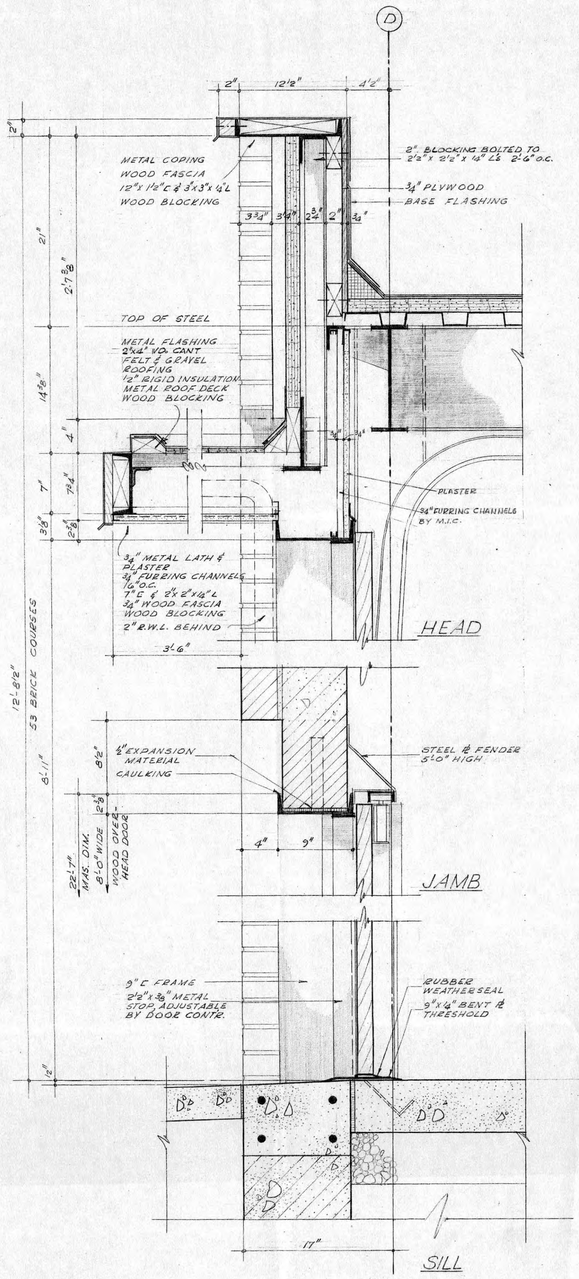
31 / 4 7 OVERHEAD DOOR - FRONT ELEV. SERVICE GARAGE
SCALE: 3/4" = 1'-0"



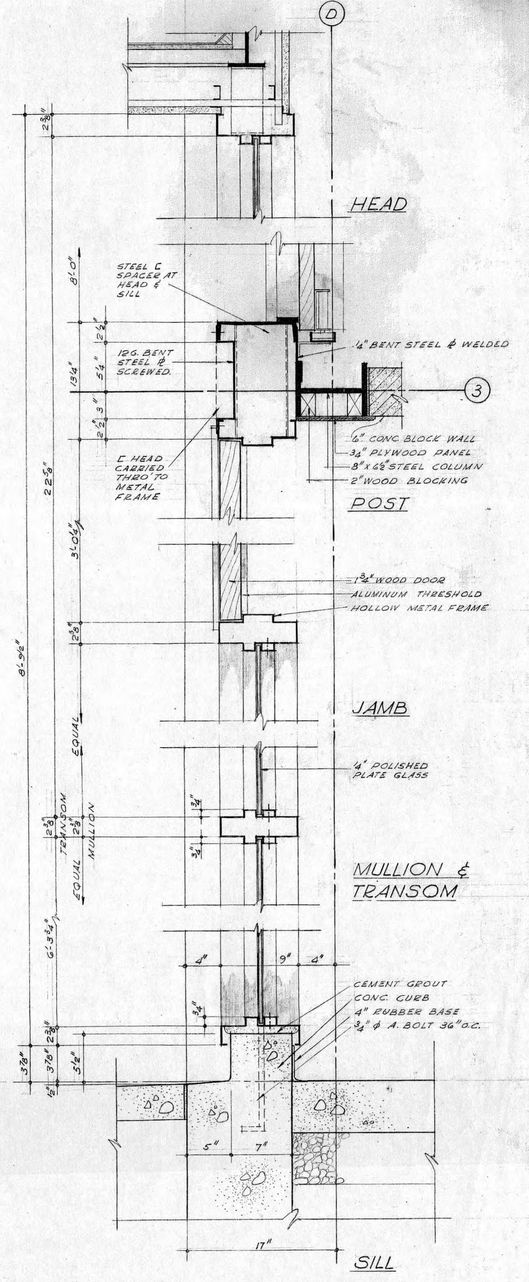
32 / 4 7 OVERHEAD DOOR - REAR ELEV. SERVICE GARAGE
SCALE: 3/4" = 1'-0"



33 / 6 7 TYPICAL PASS DOOR
SCALE: 3/4" = 1'-0"



34 / 4 7 OVERHEAD DOOR - SIDE ELEV. PARTS STORAGE
SCALE: 1 1/2" = 1'-0"



35 / 4 7 PARTS SALES CURTAIN WALL
SCALE: 1 1/2" = 1'-0"

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET | DETAIL SHEET

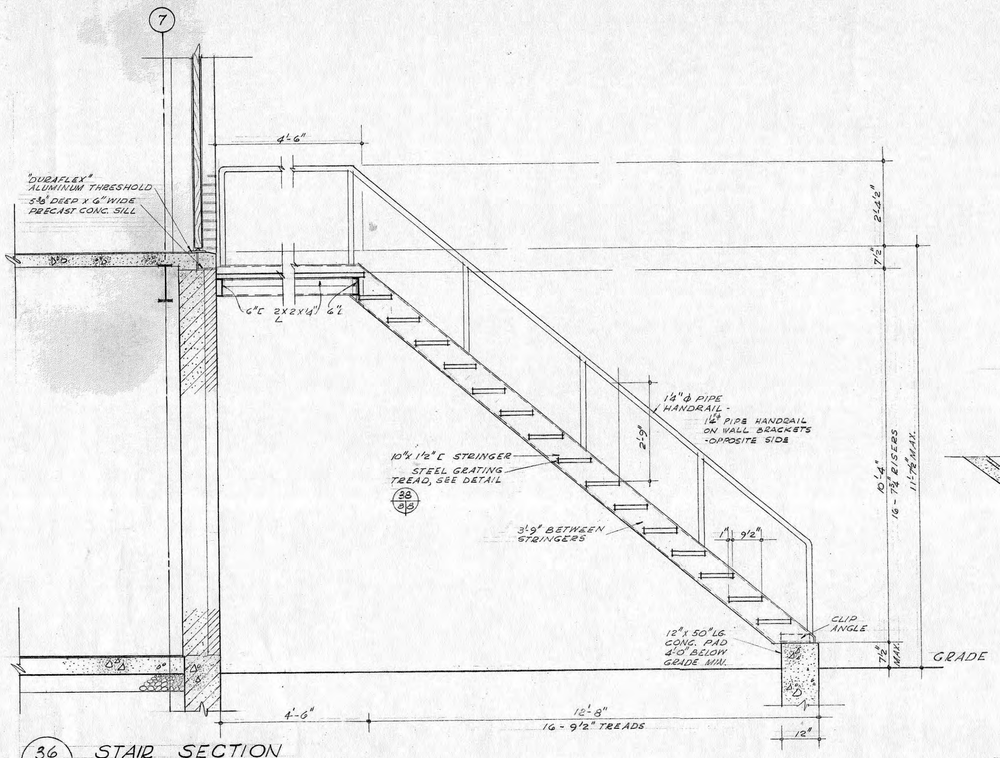
REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR	DATE	BY	REVISION
		12/8/59	JL	#6
		11/25/59	JL	#5
OCT. 16/59	REVISIONS WITH BULLETIN #3		K.G.M	#3
OCT. 5/59	REVISIONS WITH BULLETIN		V.S.F.	#1.
SEPT. 21/59	CONSTRUCTION			
SEPT. 16/59	BUILDING PERMIT			
SEPT. 15/59	SUBTRADE TENDERS.			

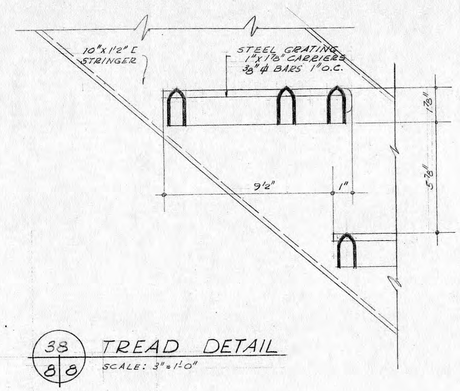
CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: EXTERIOR DOOR DETAILS
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN V.F.	DATE 8.29.59	PROJECT CHIEF A. PERRIN	JOB C-59-27-B
CHECKED		IN CHARGE R. ROGERS	
DESIGNED		DATE	SHEET 7
APPROVED		JOB CAPTAIN J. LENARD	

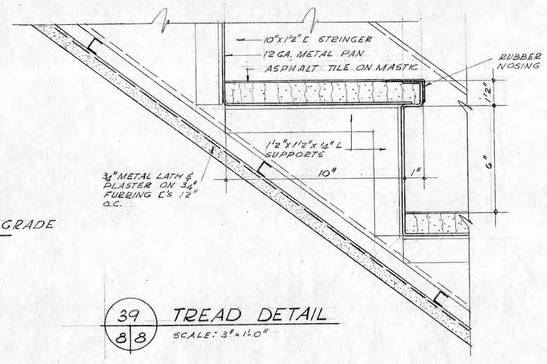
9-0-7 FILE # 64



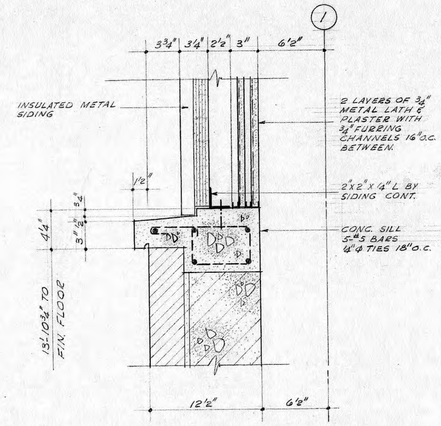
36/2/8 STAIR SECTION
SCALE: 4"=1'-0"



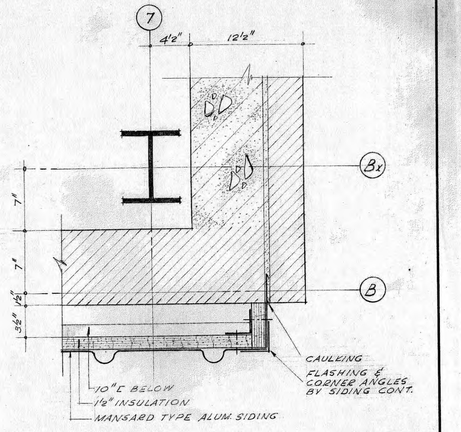
38/8/8 TREAD DETAIL
SCALE: 3"=1'-0"



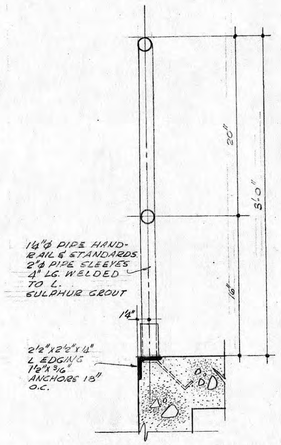
39/8/8 TREAD DETAIL
SCALE: 3"=1'-0"



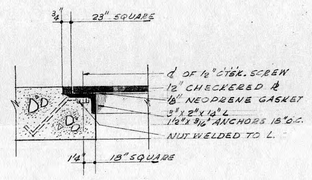
41/4/8 SILL DETAIL
SCALE: 1½"=1'-0"



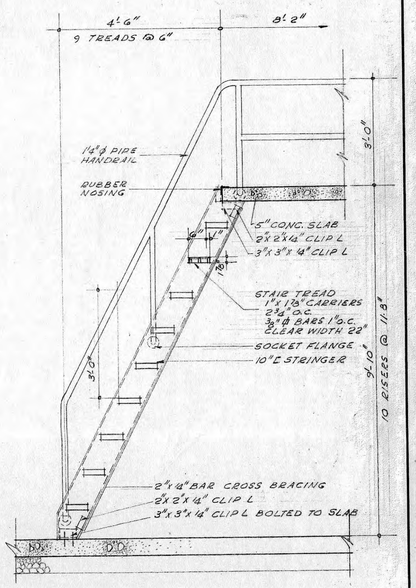
42/4/8 CORNER DETAIL
SCALE: 1½"=1'-0"



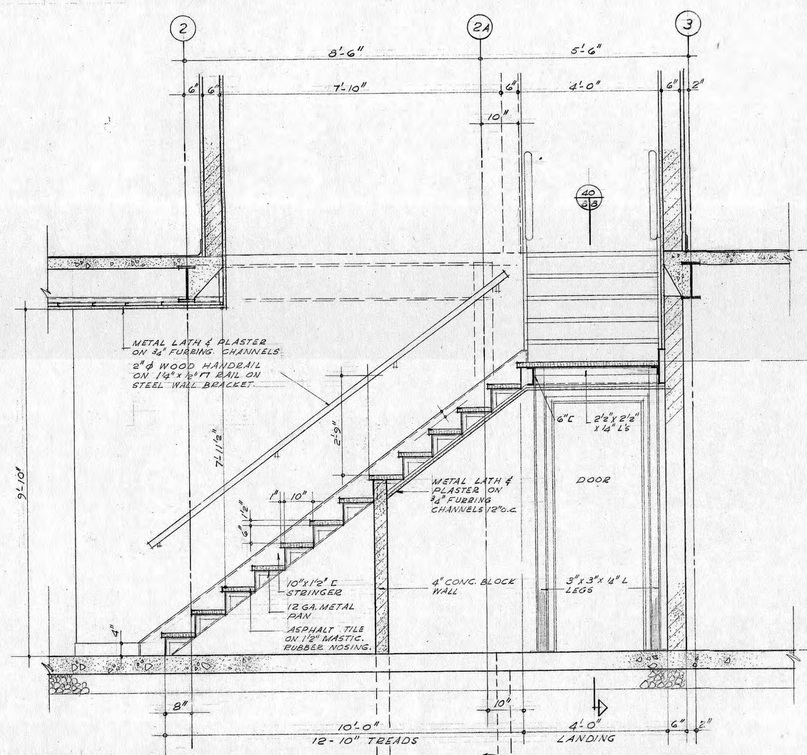
43/2/8 HANDRAIL DETAIL
SCALE: 1½"=1'-0"



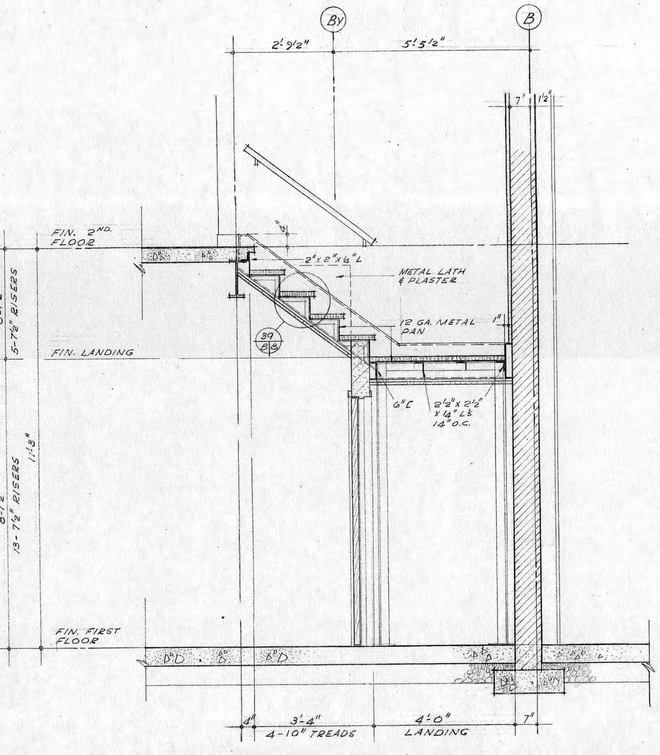
45/2/8 MANHOLE COVER & FRAME DETAIL
SCALE: 1½"=1'-0"



44/2,3/8 SHIP'S LADDER DETAIL
SCALE: 1½"=1'-0"



37/2/8 STAIR SECTION
SCALE: 1½"=1'-0"



40/8/8 SECTION
SCALE: ½"=1'-0"

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

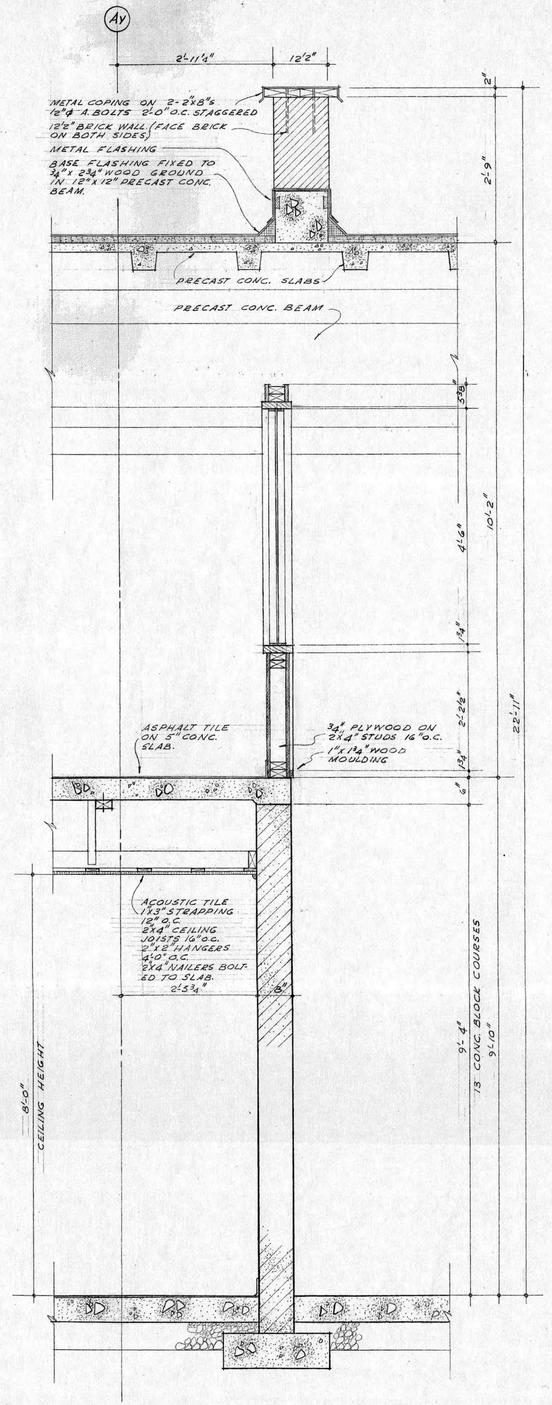
DETAIL SYMBOL: DETAIL NUMBER / LOCATION SHEET / DETAIL SHEET

DATE	ISSUED FOR	BY	BULLETIN
2/8/59	JL	#6	
NOV.11/58	REVISIONS WITH BULLETIN #4	V.S.F.	#4
OCT. 5/58	REVISIONS WITH BULLETIN #1	V.S.F.	#1
SEPT 21/58	CONSTRUCTION		
SEPT 16/58	BUILDING PERMIT		
SEPT 15/58	SUB-TRADE TENDERS		

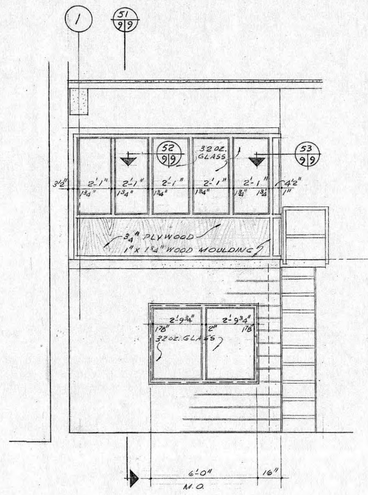
CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: STAIR & MISCELLANEOUS DETAILS
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
V.F.	8 2950	A. PERRIN	C.59.27-B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED		DATE	SHEET 8
APPROVED		JOB CAPTAIN J. LENARD	FILE # 64

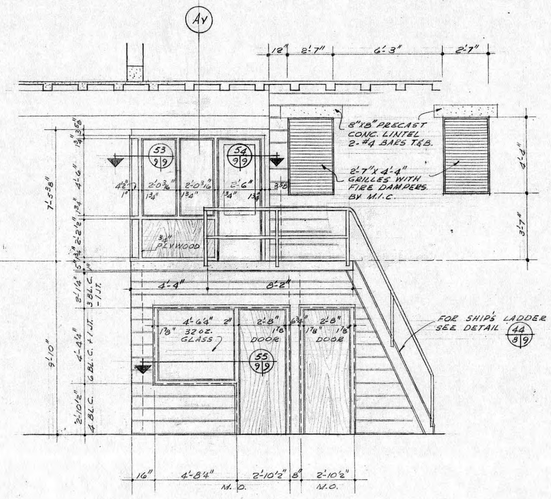
L100
9-D-7



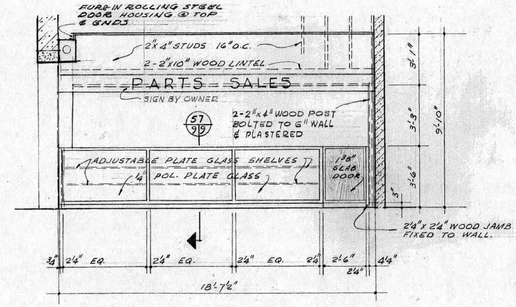
51 / 9|9 SECTION
SCALE: ¾" = 1'-0"



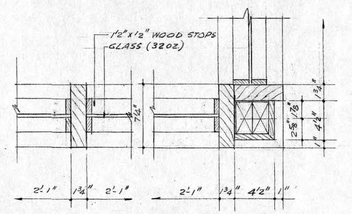
ELEVATION A / 2
SCALE: ¼" = 1'-0"



ELEVATION B / 2
SCALE: ¼" = 1'-0"

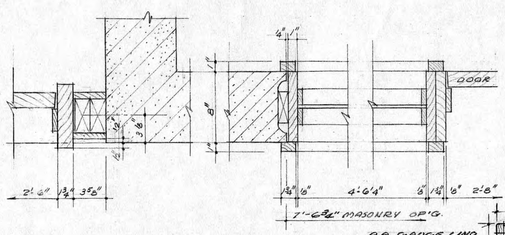


ELEVATION C / 2
SCALE: ¼" = 1'-0"



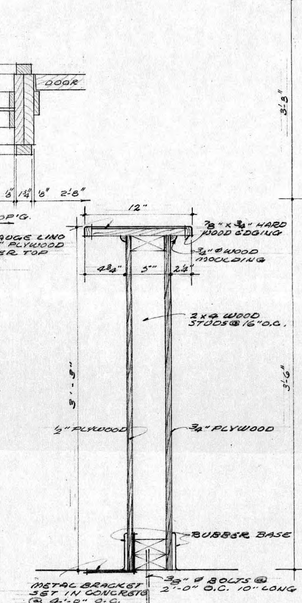
52 / 9|9 MULLION DETAIL
SCALE: 1½" = 1'-0"

53 / 9|9 POST DETAIL
SCALE: 1½" = 1'-0"

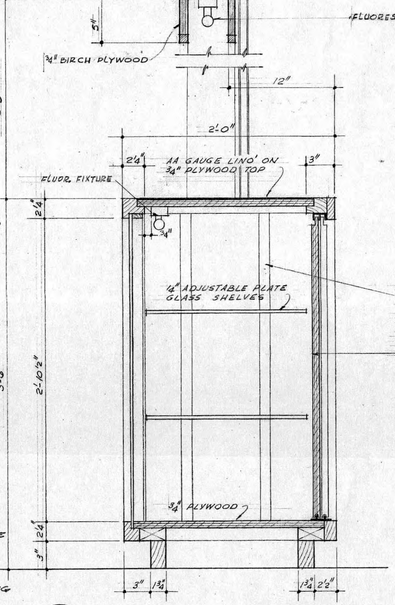


54 / 9|9 JAMB DETAIL
SCALE: 1½" = 1'-0"

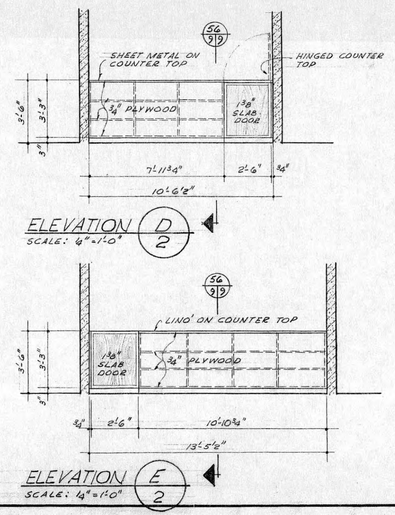
55 / 9|9 DETAILS
SCALE: 1½" = 1'-0"



58 / 2|9 SECTION THRO' COUNTER
SCALE 1½" = 1'-0"

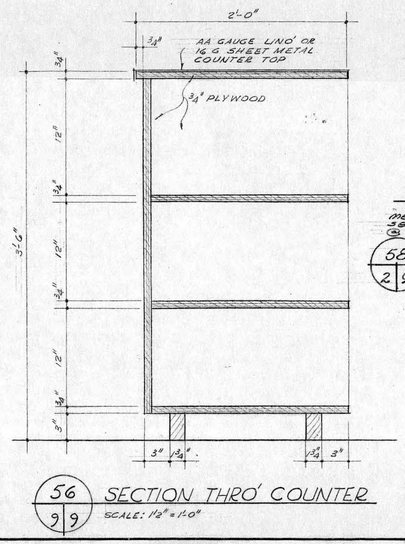


57 / 9|9 SECTION THRO' COUNTER
SCALE: 1½" = 1'-0"



ELEVATION D / 2
SCALE: ¼" = 1'-0"

ELEVATION E / 2
SCALE: ¼" = 1'-0"



56 / 9|9 SECTION THRO' COUNTER
SCALE: 1½" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
CIVIL
A. PERRIN
PROVINCE OF ONTARIO

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET | DETAIL SHEET

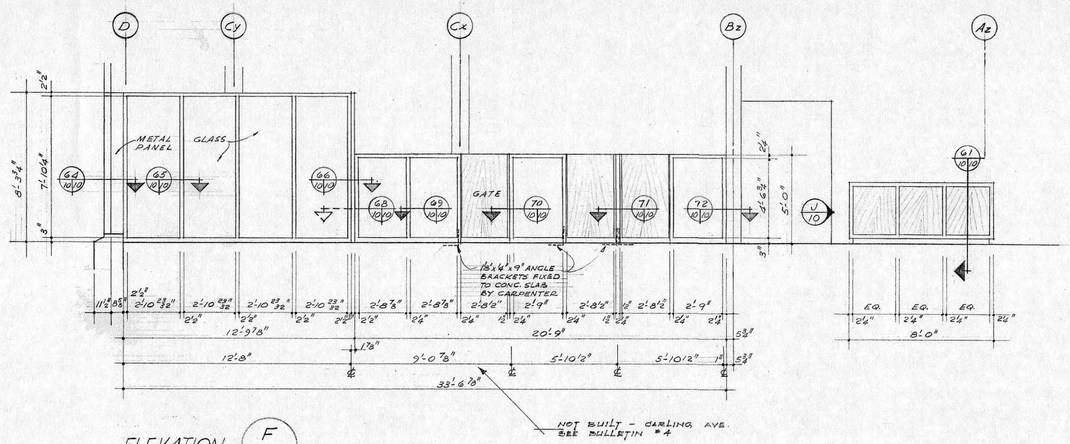
DATE	ISSUED FOR	REVISION	BY	BULLETIN
SEPT. 21/59	CONSTRUCTION			
OCT. 5/59	REVISIONS WITH BULLETIN #1		V.S.F.	#1.
OCT. 16/59	REVISIONS WITH BULLETIN #3		L.G.M.	#3
NOV 11/59	REVISIONS WITH BULLETIN #4		W.K.	#4
DEC 9/59	REVISIONS WITH BULLETIN #6		V.S.F.	#6

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: SERVICE-PARTITIONS & COUNTERS

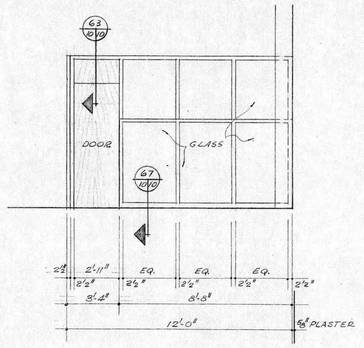
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN: V.F.	DATE	PROJECT CHIEF: A. PERRIN	JOB: C-59-27-B
CHECKED		IN CHARGE: R. ROGERS	
DESIGNED: T. WEBSTER		DATE	SHEET: 9
APPROVED		JOB CAPTAIN: J. LENARD	

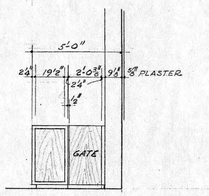
Q-D-7 FILE# 64



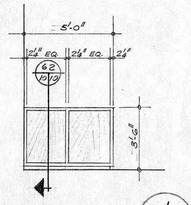
ELEVATION F/2
SCALE: 1/4" = 1'-0"



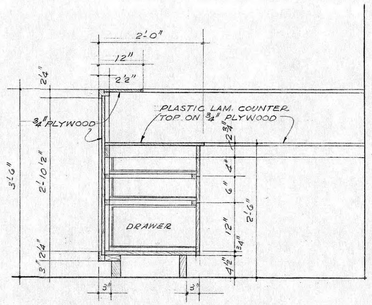
ELEVATION G/2
SCALE: 1/4" = 1'-0"



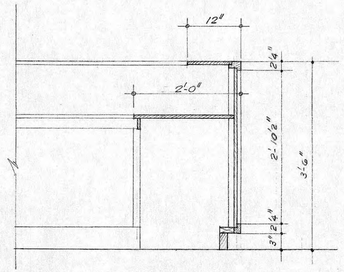
ELEVATION H/2
SCALE: 1/4" = 1'-0"



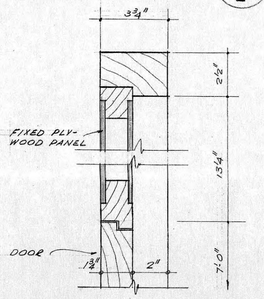
ELEVATION J/10
SCALE: 1/4" = 1'-0"



61 10/10 SECTION
SCALE: 3/4" = 1'-0"

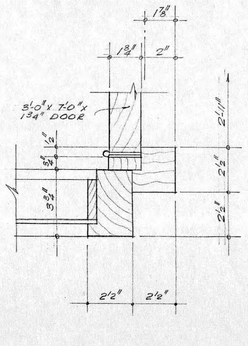


62 10/10 SECTION
SCALE: 3/4" = 1'-0"



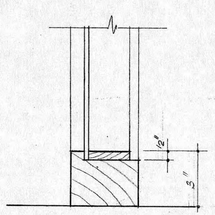
63 10/10 DOOR HEAD DETAIL
SCALE: 3" = 1'-0"

64 10/10 JAMB DETAIL
SCALE: 3" = 1'-0"

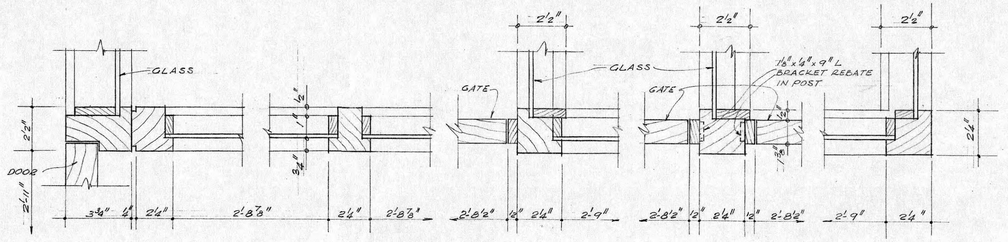


65 10/10 MULLION DETAIL
SCALE: 3" = 1'-0"

66 10/10 CORNER DETAIL
SCALE: 3" = 1'-0"



67 10/10 SILL DETAIL
SCALE: 3" = 1'-0"



68 10/10 JAMB SCALE 3" = 1'-0"
69 10/10 MULLION
70 10/10 JAMB
71 10/10 JAMB
72 10/10 POST SCALE 3" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
CIVIL
A. PERRIN
PROVINCE OF ONTARIO

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET | DETAIL SHEET

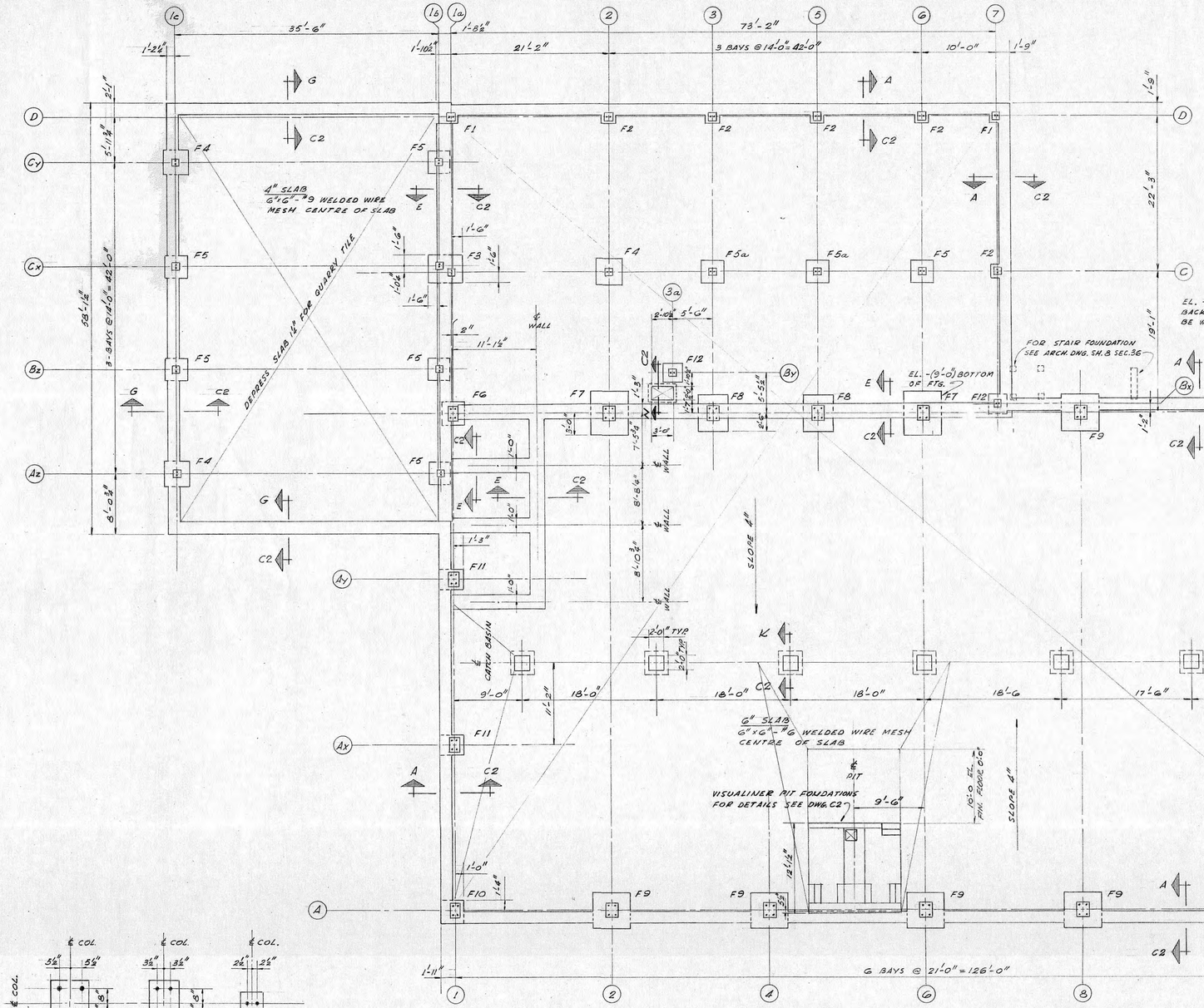
DATE	ISSUED FOR	DATE	BY	REVISION
July 11/60	REVISION - AS BUILT	7/11/60	S.J.	
	BULLETIN NO. 1	10/25/59	PCL	1
SEPT 21/59	CONSTRUCTION			

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: INTERIOR SHOWROOM DETAILS

GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

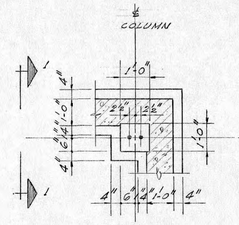
DRAWN	DATE	PROJECT CHIEF	JOB
V. F.		A. PERRIN	C 59-27-B
CHECKED		IN CHARGE: R. RODGERS	
DESIGNED		DATE	SHEET
APPROVED		JOB CAPTAIN: J. LEMARD	10

FILE #64 9-0-7



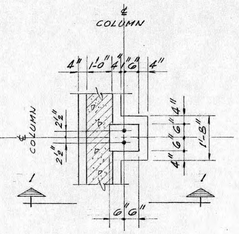
FOUNDATION PLAN

SCALE: 1/8" = 1'-0"



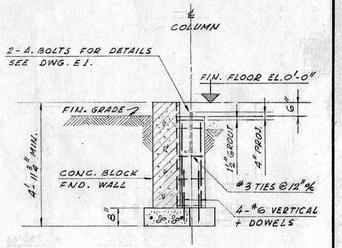
FOOTING "F1"

SCALE: 3/8" = 1'-0"



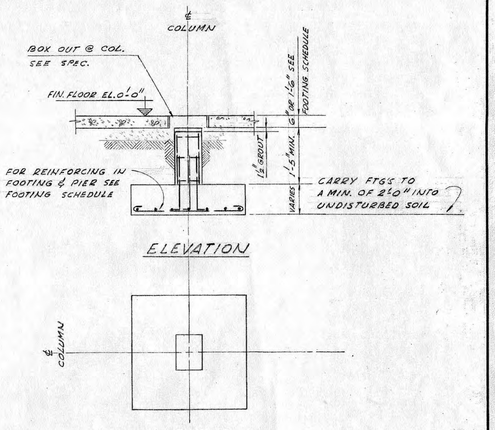
FOOTING "F2"

SCALE: 3/8" = 1'-0"



SECTION 1-1

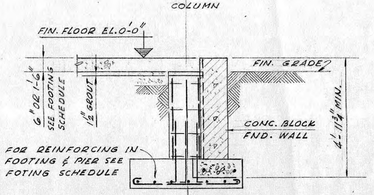
SCALE: 3/8" = 1'-0"



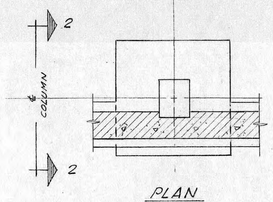
ELEVATION

PLAN

TYPICAL INTERIOR COLUMN FOOTING

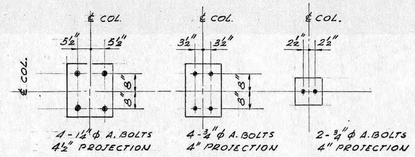


SECTION 2-2



PLAN

TYPICAL EXTERIOR COLUMN FOOTING



TYPE "A" TYPE "B" TYPE "C"

TYPICAL TYPE OF PIERS

FOOTING SCHEDULE

FOOTING MARK		F1 & F2	F3	F4	F5 & F5a	F6	F7	F8	F9	F10	F11	F12
SIZE OF PIER			2-1'-0"x1'-0"	1'-0"x1'-0"	1'-0"x1'-0"	2'-0"x1'-4"	2'-0"x1'-8"	2'-0"x1'-8"	2'-0"x1'-8"	2'-0"x1'-4"	2'-0"x1'-4"	1'-0"x1'-0"
TYPE OF PIER			C	C	C	B	A	A	A	B	B	C
SIZE OF BASE THICKNESS			4'-8½"x4'-0½" 1'-0"	3'-6"x3'-6" 1'-0"	3'-0"x3'-0" 1'-0"	3'-0"x3'-0" 1'-0"	6'-0"x5'-0" 1'-6"	5'-0"x4'-0" 1'-4"	5'-0"x5'-0" 1'-6"	5'-3"x2'-11" 1'-0"	3'-2"x2'-8" 1'-0"	2'-6"x2'-6" 1'-0"
REINFORCING STEEL IN BASE — LONGITUDINAL	DETAILS		9-#6 B.W.	7-#6 B.W.	6-#6 B.W.	6-#6 B.W.	10-#6 11-#6	7-#6 8-#6	9-#6 B.W.	4-#5 B.W.	4-#5 B.W.	4-#5 B.W.
REINFORCING STEEL IN BASE — TRANSVERSE	DETAILS		9-#6 B.W.	7-#6 B.W.	6-#6 B.W.	6-#6 B.W.	10-#6 11-#6	7-#6 8-#6	9-#6 B.W.	4-#5 B.W.	4-#5 B.W.	4-#5 B.W.
DOWELS IN BASE AND/OR VERTICAL REINFORCING IN PIER	SEE DETAILS		4-#6 @ EA. PIER TIES 1-#3 @ 12"c/c	4-#6 TIES 1-#3 @ 12"c/c	4-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	6-#6 TIES 1-#3 @ 12"c/c	4-#6 TIES 1-#3 @ 12"c/c
ELEVATION TOP OF PIER (TOP OF GROUT)			-(0'-6")	-(0'-6")	F5 = -(0'-6") F5a = -(1'-6")	-(0'-6")	-(0'-6")	-(0'-6")	-(0'-6")	-(0'-6")	-(0'-6")	-(0'-6")

GENERAL NOTES:

1. ALL CONCRETE TO HAVE 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I. UNLESS OTHERWISE NOTED.
2. ALL REINFORCING STEEL, EXCEPT TIES, TO BE DEFORMED BARS AND MUST MEET C.S.A. SPECIFICATION (G-30 SERIES).
3. ALL FOOTINGS TO BE CARRIED TO THE DEPTH SHOWN OR OTHERWISE DESIGNATED BY THE OWNER'S REPRESENTATIVE OR ENGINEER.
4. SOIL PRESSURE 3000 P.S.F.
5. MINIMUM PROTECTION FOR REINFORCING BARS: 3" FOR ANY CONCRETE PLACED IN CONTACT WITH EARTH, 2" FOR CONCRETE PLACED IN FORMS AND EXPOSED DIRECTLY TO WEATHER FOR BARS MORE THAN ⅝" ϕ AND 1½" FOR BARS ⅝" ϕ AND LESS. INTERIOR MEMBERS: - SLABS AND WALLS - ¾": BEAMS GIRDERS AND COLUMNS; 1½".
6. BEND ALL HORIZONTAL BARS 24 DIA. AROUND CORNERS AND LAP ALL SPLICE BARS 24 BAR DIA.
7. PROVIDE 1½" GROUT ON ALL CONCRETE PIERS AT THE EXACT ELEVATIONS CALLED FOR ON COLUMN SCHEDULE.

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR	BY	BULLETIN
11.11.59	REVISION WITH BULL. #4	PM	#4
10.5.59	REVISION WITH BULL. #1	P.M.	#1
9.21.59	CONSTRUCTION		
9.16.59	BUILDING PERMIT		
9-15-59	SUB-TRADE TENDERS		

CLIENT: CHRYSLER CORPORATION OF CANADA

JOB TITLE: SALES & SERVICE CENTRES

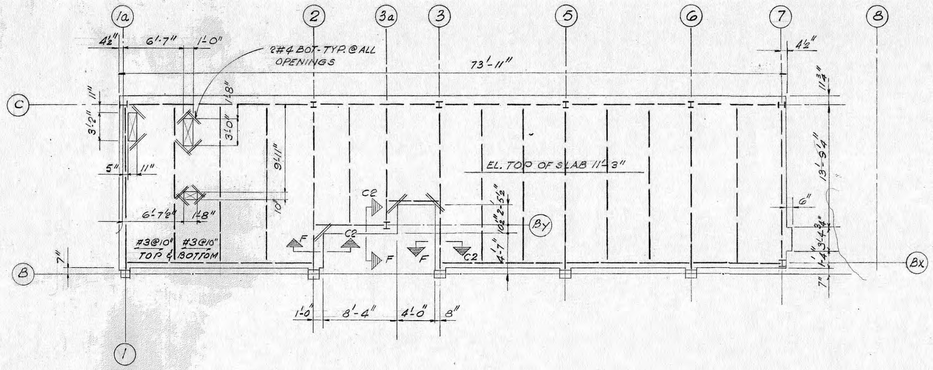
SHEET TITLE: FOUNDATION PLAN & DETAILS

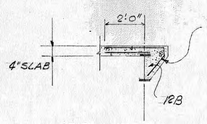
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

TORONTO, ONT. WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
P.M.		A. PERRIN	C·59·27 B
CHECKED		IN CHARGE: G. JUUSE	
DESIGNED: G.J.		DATE	SHEET: C1
APPROVED		JOB CAPTAIN	FILE #64

9-5-7

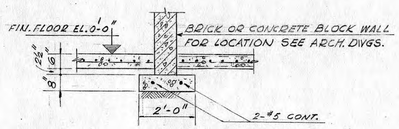




SECOND FLOOR SLAB

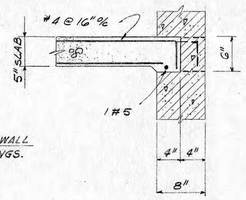
SCALE: 1/8" = 1'-0"

NOTE: MAIN REINFORCING IN 4" CONC. SLAB — #3 @ 12"% TOP & BOTTOM UNLESS OTHERWISE NOTED. TEMPERATURE REINFORCING #3 @ 18"%.



SECTION E-C2

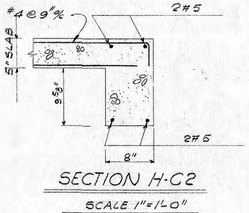
SCALE: 3/8" = 1'-0"



SECTION J-C2

SECTION J'-C2 DOTTED

SCALE: 1"=1'-0"



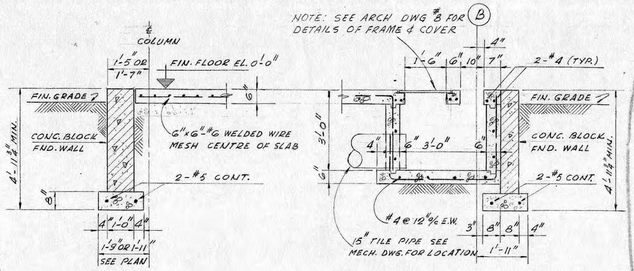
SECTION H-C2

SCALE 1"=1'-0"

MECHANICAL ROOM FLOOR SLAB

SCALE: 1/8" = 1'-0"

NOTE: MAIN REINFORCING IN CONC. SLAB #5 @ 9" BOTTOM & OVER SUPPORT (AS SHOWN) TEMPERATURE REINFORCING #4 @ 16"%



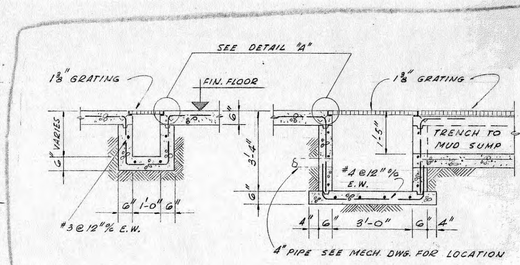
SECTION A-C2

SCALE: 3/8" = 1'-0"

SECTION B-C2

SCALE: 3/8" = 1'-0"

OMIT

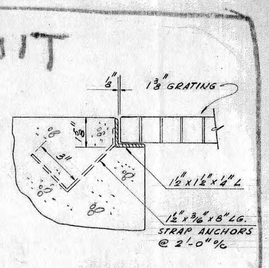


SECTION C-C2

SCALE: 3/8" = 1'-0"

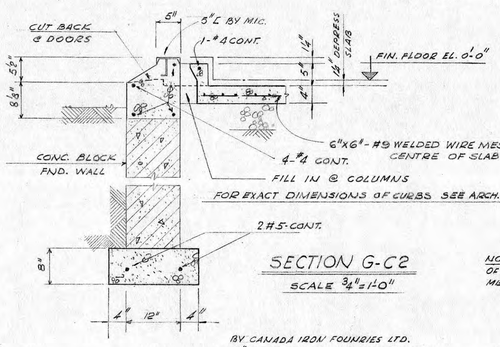
SECTION D-C2

SCALE: 3/8" = 1'-0"



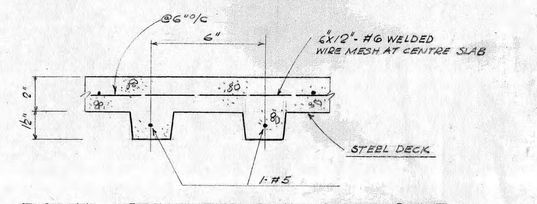
DETAIL "A"

SCALE: 3" = 1'-0"



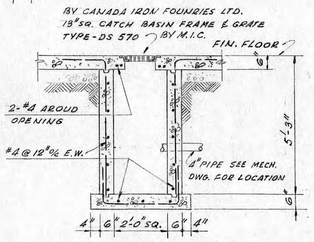
SECTION G-C2

SCALE ¾" = 1'-0"



TYPICAL SECTION THRU SHOW ROOM ROOF

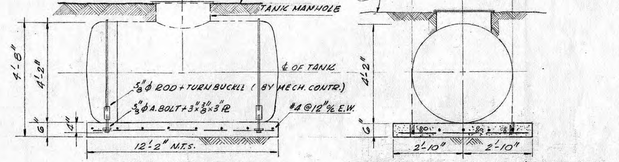
SCALE 3" = 1'-0"



SECTION K-C2

SCALE: 3/8" = 1'-0"

NOTE: FOR LOCATION OF OIL TANK SEE MECH. DWG.

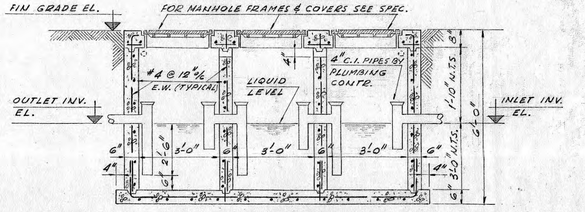


SIDE ELEVATION

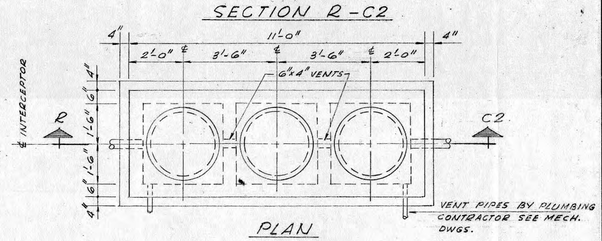
SECTION THRU MANHOLE & TANK FND.

DETAILS OF FOUNDATION PAD FOR 1000 GAL. OIL TANK

SCALE: 3/8" = 1'-0"



SECTION R-C2

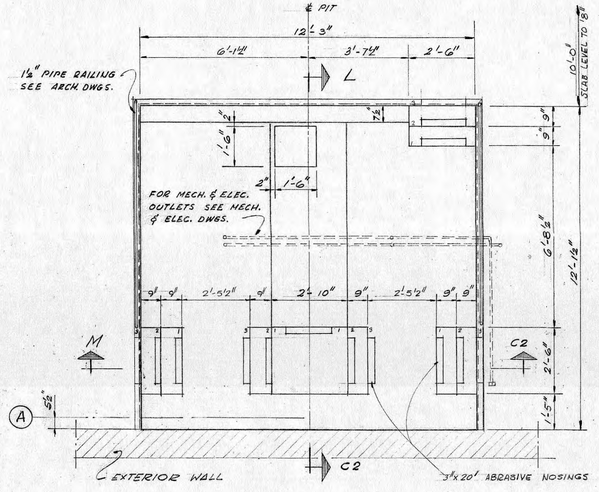


PLAN

DETAILS OF OIL INTERCEPTOR PIT

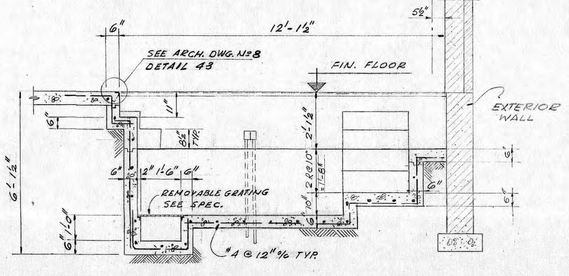
SCALE: 3/8" = 1'-0"

NOTE: FOR LOCATION SEE MECHANICAL DWGS.



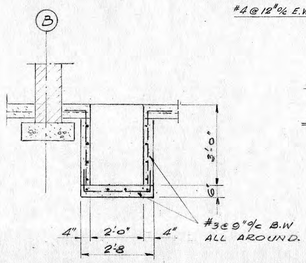
PLAN OF VISUALINER PIT

SCALE: 3/8" = 1'-0"



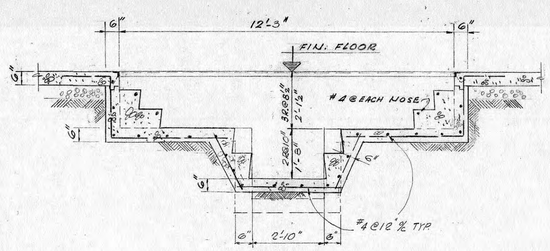
SECTION L-C2

SCALE 3/8" = 1'-0"



SECTION N-C2

SCALE 3/8" = 1'-0"



SECTION M-C2

SCALE: 3/8" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR	DATE	BY	BULLETIN
11.11.59	REVISION WITH BULL #4		P.M.	#4
10.15.59	REVISION WITH BULL. #3		P.M.	#3
10.5.59	REVISION WITH BULL. #1		P.M.	#1
9.21.59	CONSTRUCTION			
9.16.59	BUILDING PERMIT			
9.15.59	SUB-TRADE TENDERS			

CLIENT: CHRYSLER CORPORATION OF CANADA

JOB TITLE: SALES & SERVICE CENTRES

SHEET TITLE: CONCRETE DETAILS

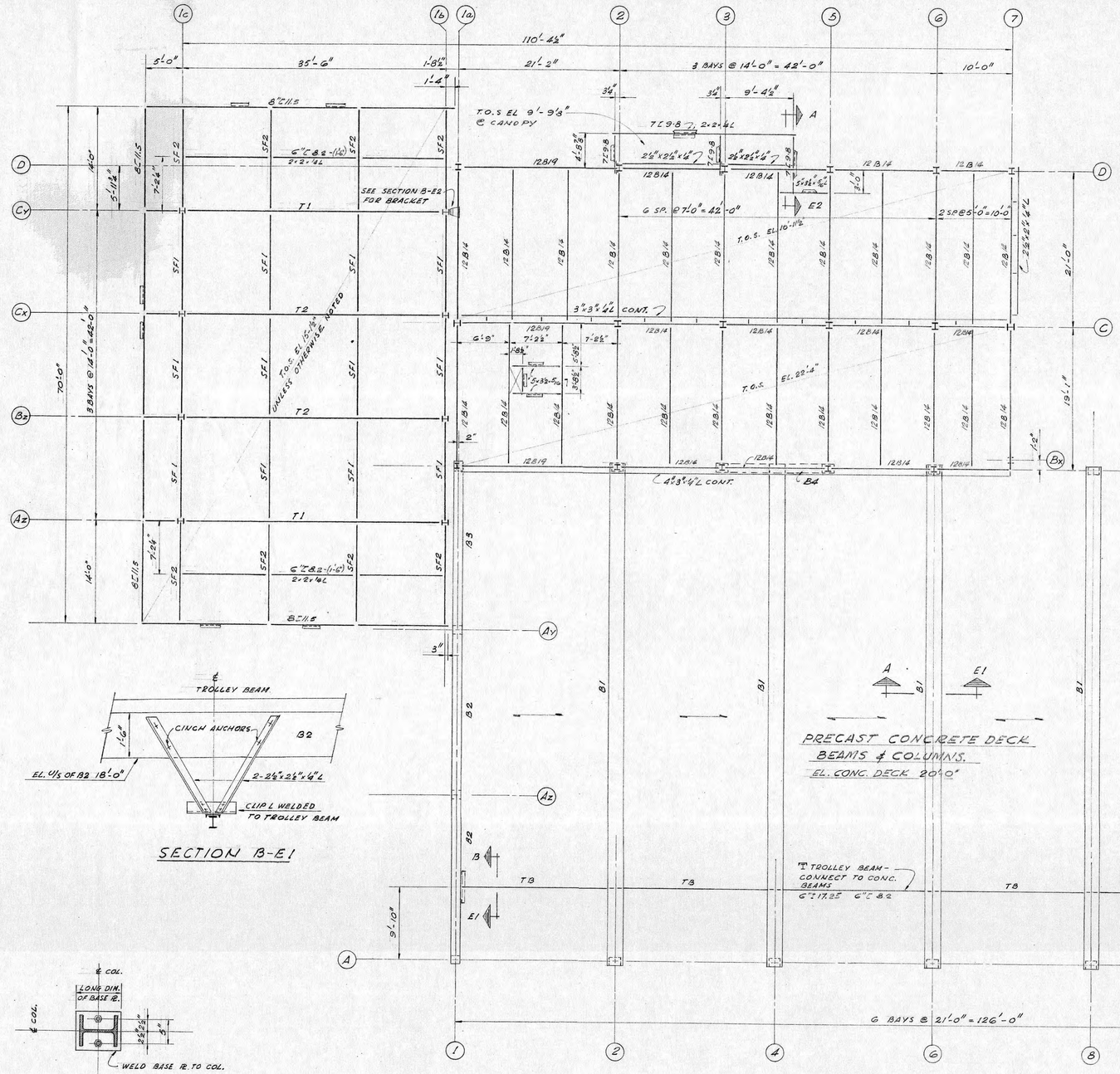
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

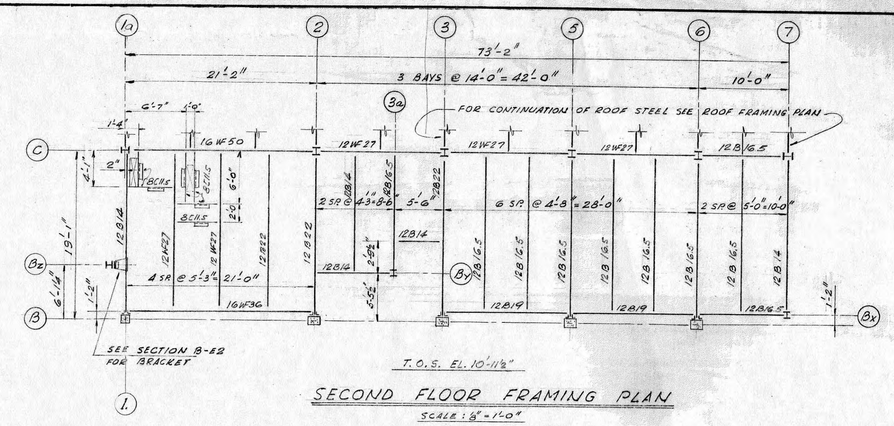
TORONTO, ONT. — WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
P. M.	9.15.59	A. PERRIN	C 59-27 B
CHECKED		IN CHARGE: G. JUUSE	
DESIGNED G.J.		DATE	SHEET C2
APPROVED		JOB CAPTAIN	

FILE # 64

9-D-7





SECOND FLOOR FRAMING PLAN

SCALE: ⅛" = 1'-0"

ROOF LOADINGS:

ROOF EL. 20'-0" TOP OF PRECAST CONC.	
LIVE LOAD	40.0 #/ft
ROOFING	6.5 "
INSULATION	1.5 "
DECK	36.0 "
TOTAL =	84.0 #/ft
LOAD OF CONC. I BEAMS	47000 #

ROOF EL. 22'-4" T.O.S.	
LIVE LOAD	40.0 #/ft
ROOFING	6.5 "
STEEL DECK	3.5 "
INSULATION	2.0 "
STEEL BEAMS	4.0 "
CEILING	10.0 "
TOTAL =	66.0 #/ft

ROOF EL. 10'-11½" T.O.S.	
LIVE LOAD	40.0 #/ft
ROOFING	6.5 "
STEEL DECK	3.5 "
INSULATION	2.0 "
STEEL BEAMS	4.0 "
TOTAL =	56.0 #/ft

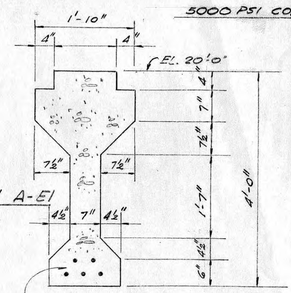
ROOF EL. 15'-1⅝" T.O.S	
LIVE LOAD	40.0 #/ft
ROOFING	6.5 "
INSULATION	1.5 "
CONC. FILL	36.0 "
DECK	2.0 "
CEILING	10.0 "
TOTAL =	95.0 #/ft

SECOND FLOOR LOADINGS:

OFFICE AREA	MECH. ROOM
LIVE LOAD 50.0 #/ft	LIVE LOAD 100.0 #/ft
4" CONC. SLAB 50.0 "	4" CONC. SLAB 50.0 "
STEEL BEAMS 4.0 "	STEEL BEAMS 4.0 "
TOTAL = 104.0 #/ft	TOTAL = 154.0 #/ft

DESIGN OF PRECAST CONCRETE MEMBERS:

5000 PSI CONCRETE



SECTION A-E1

B1 - 5 CABLES 12 - .276 WIRES - POST TENSIONED ULTIMATE STRENGTH OF WIRES 225 000 P.S.I. (MIN.)

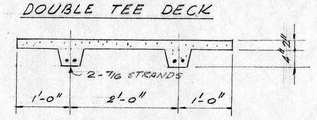
B2 - 12"x18", 4 - #8 BOTTOM, 2 - #6 TOP
STIRRUPS - 3 - #3 @ 6" EACH END, REMAINDER 2'-0" c/c.

B3 - 12"x18", 2 - #9 & 2 - #8 BOTTOM, 2 - #6 TOP
STIRRUPS - 3 - #3 @ 6" EACH END, REMAINDER 2'-0" c/c

B4 - 12"x36", 8 - #8 BOTTOM, 2 - #6 TOP
STIRRUPS - 3 - #3 @ 6" EACH END, REMAINDER 2'-0" c/c

COLUMNS:
A2, A4, A6, A8, A9, B2, B3, B5, B6, B8 & B9
12"x16" 4 - #8, #3 @ 16" c/c TIES
A1, A21, Ay1, B1, A10, Ax10, Ay10 & B10
12"x12" 4 - #7, #3 @ 12" c/c TIES

DOUBLE TEE DECK



PRESTRESSED

GENERAL NOTES:

1. STRUCTURAL DETAILS TO CONFORM TO C.S.A. SPECIFICATIONS.
2. ALL RIVETS AND BOLTS TO BE ¾" DIA. UNLESS OTHERWISE NOTED.
3. SHOP CONNECTIONS TO BE WELDED OR RIVETED.
4. FIELD CONNECTIONS TO BE RIVETED OR HIGH TENSILE BOLTED, EXCEPT GIRTS WHICH MAY BE MACHINE BOLTED.
5. STEEL DECK TO BE SPOT WELDED TO BEAMS.
6. PROVIDE HOLES FOR WOOD AND SASH ACCORDING TO ARCHITECTURAL DETAILS.
7. PROVIDE MASONRY ANCHORS AS SHOWN ON ARCHITECTURAL DETAILS.
8. SAG RODS ARE TO BE ⅝" ϕ AND ARE SHOWN THUS --- ON ELEVATIONS.

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR	DATE	BY	BULLETIN
10.5.59	REVISION WITH BULL. #1		P.M.	#1
8.21.59	CONSTRUCTION			
9.16.59	BUILDING PERMIT			
8.15.59	SUB-TRADE TENDERS.			

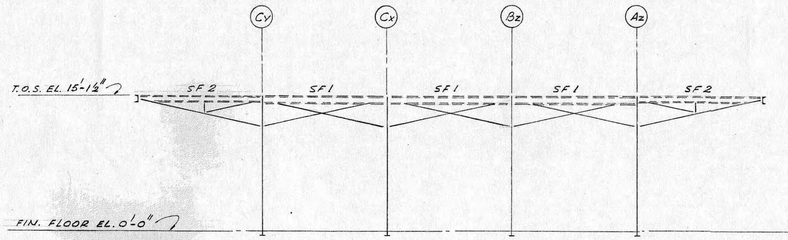
REVISION

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTERS
SHEET TITLE: FRAMING PLANS

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. — WINDSOR, ONT.

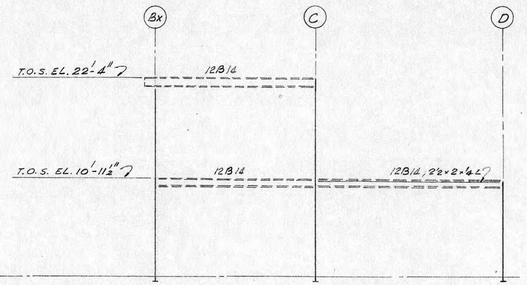
DRAWN	DATE	PROJECT CHIEF	JOB
P.M.	9 15 59	A. PERRIN	C-59-27B
CHECKED: G.J.		IN CHARGE: G. JUUSE	
DESIGNED: G.J.		DATE	SHEET: E-1
APPROVED		JOB CAPTAIN	FILE # 64

9-D-7



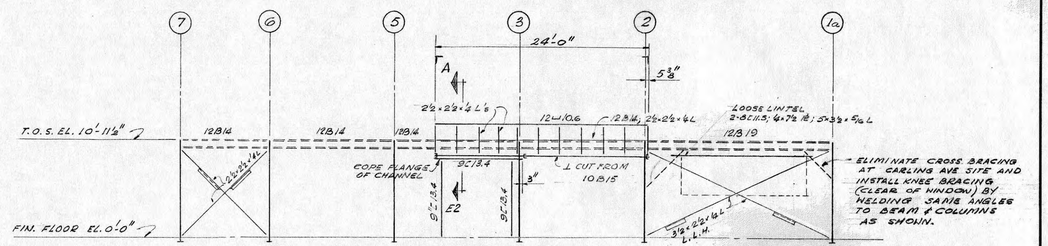
ELEVATION ON LINE 1c

SCALE: ⅛"=1'-0"



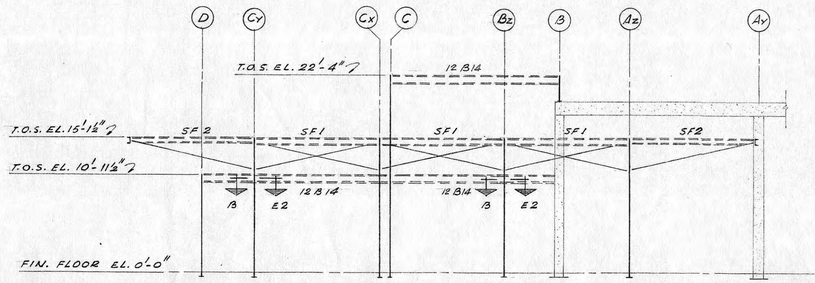
ELEVATION ON LINE 7

SCALE: ⅛"=1'-0"



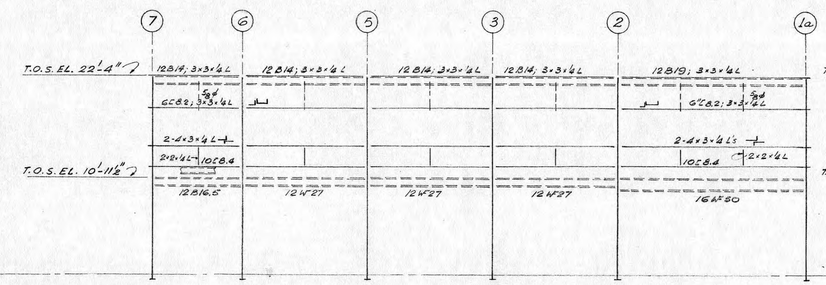
ELEVATION ON LINE D

SCALE: ⅛"=1'-0"



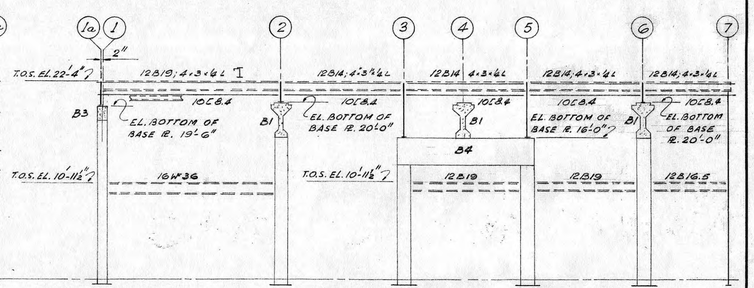
ELEVATION ON LINES 1b & 1a

SCALE: ⅛"=1'-0"



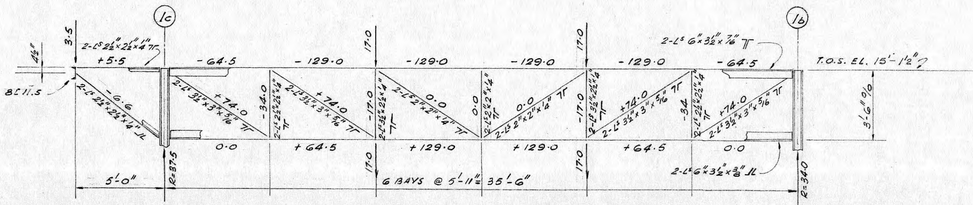
ELEVATION ON LINE C

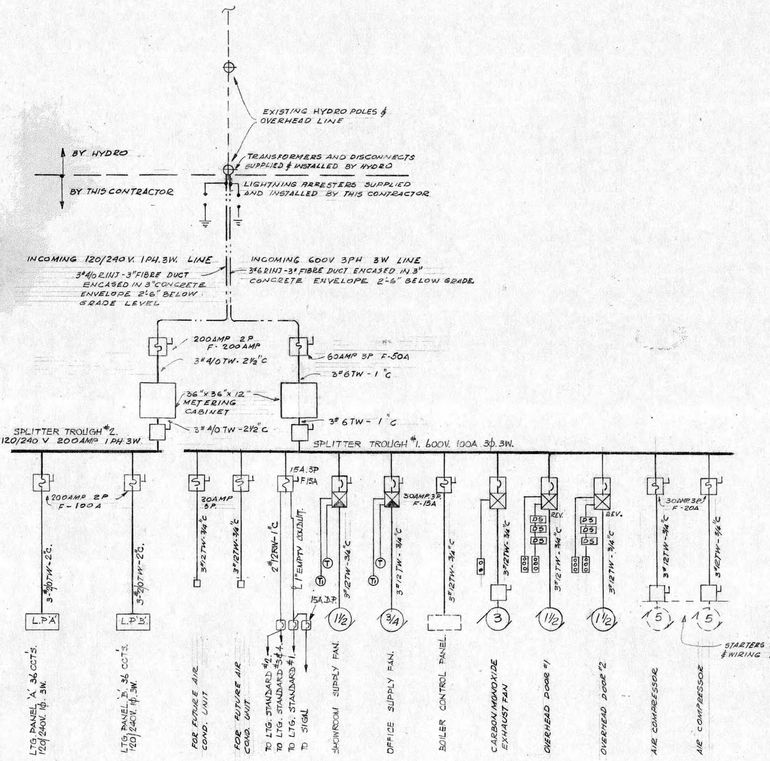
SCALE: ⅛"=1'-0"



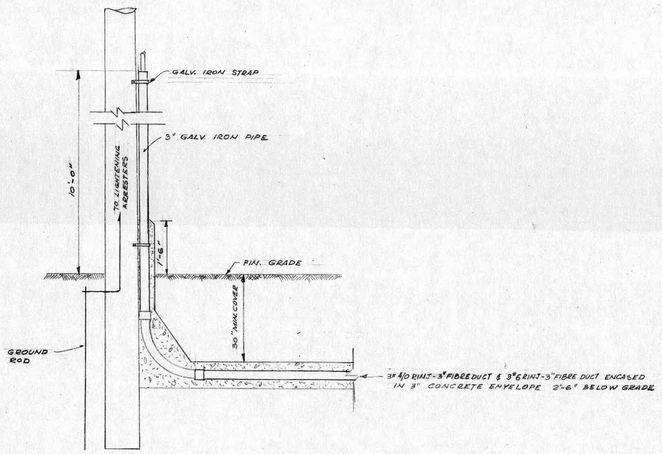
ELEVATION ON LINES B & Bx

SCALE: ½"=1'-0"

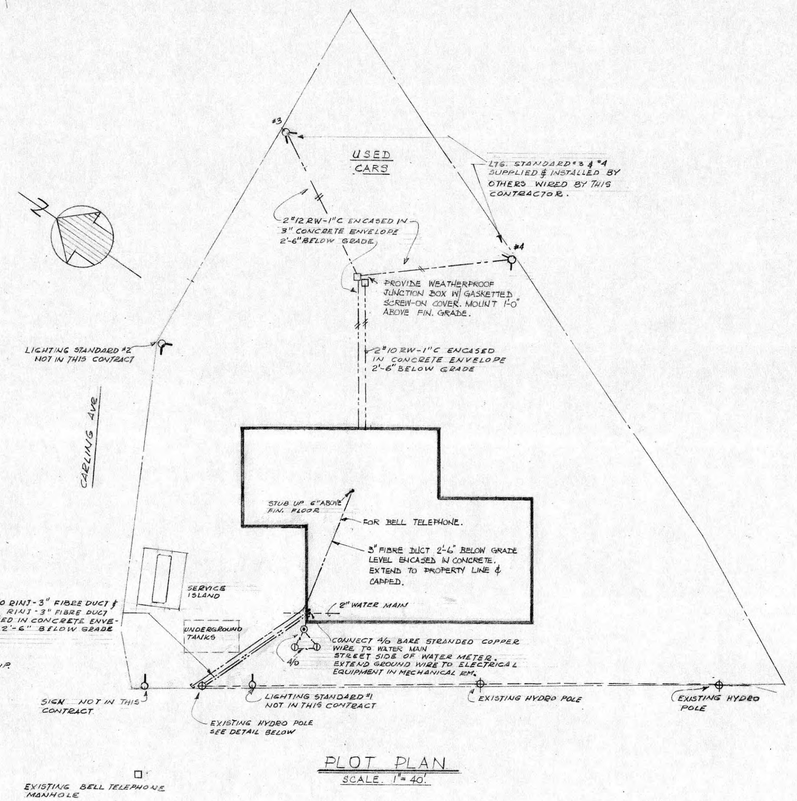

1c
1b
T.O.S. EL. 15'-1½"
BC 11.5
2-L 3½×2½×5/16 LL
2-L 3½×2½×5/16 LL
2-L 3½×3½×5/16 LL
2-L 3½×3½×5/16 LL
2-L 3½×3



SINGLE LINE DIAGRAM



UNDERGROUND SERVICE FROM HYDRO POLE



PLOT PLAN
SCALE 1" = 40'

LEGEND

SYMBOL	DESCRIPTION	REMARKS
	FLUORESCENT LIGHTING FIXTURE FOR SHOWROOM.	
	FLUORESCENT LIGHTING FIXTURE TYPE 'B'	
(E)	INCANDESCENT LIGHTING FIXTURE TYPE 'E'	
	INCANDESCENT LIGHTING FIXTURE WALL BRACKET TYPE	
	SPOT LIGHT MOUNTED IN SHOW ROOM	
	EXIT LIGHT	
$	LIGHT SWITCH. S.P. 'T' RATED. 125 VOLT, 20AMP. HUBBELL 9800 SERIES.	
$$	2 GANG LIGHT SWITCH	
	DUPLEX RECEPTACLE. 120 VOLT, 15AMP. 'U' GROUNDED TYPE HUBBELL CAT. # 5252	
	CLOCK OUTLET, HUBBELL CAT. # 7707 125 V. 15A	
	NIGHT LIGHT.	
	UNFUSED DISCONNECT SWITCH	
	LIGHTING PANEL 120/240 VOLT 1PH. 3W.	
	TELEPHONE PANEL	
	TELEPHONE OUTLET	
M	MANUAL STARTER, WEST. CAT. # W 10023 J WITH PILOT LIGHT	
	MOTOR H.P. AS INDICATED, 550 VOLT 3PH. 60~	
70A	FUSED DISCONNECT SWITCH 600 VOLT 3P. FUSED AT 70 AMPS.	
M / T	COMBINATION MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER / START STOP P.B. IN COVER	
M REV.	REVERSING MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER	
T	THERMOSTAT WITH HAND OFF AUTOMATIC SELF SWITCH. MINNEAPOLIS HONEYWELL CAT. # T4-42 J. WHERE ON EXTERIOR WALL TO BE MOUNTED ON 3" CORK	
DS	DOOR SWITCH	
STOP START	OPEN-CLOSE-STOP PUSH BUTTON	
START STOP	START-STOP PUSH BUTTON WITH LOCK ATTACHMENT MOMENTARY CONTACT	
	JUNCTION BOX	
	GROUND ROD COPPERWELD. 3/4" X 10'-0" LG.	
	GROUND ROD COPPERWELD. 3/4" ø X 10'-0" LG. W/ VITRIFIED TILE & REMOVABLE WOODEN COVER.	
	CONDUIT IN SLAB.	
	CONDUIT RUN EXPOSED	
	HOME RUN TO LTG. PANEL. NUMBERS INDICATE CIRCUIT BREAKER NUMBERS IN LTG. PANEL	
	EMPTY CONDUIT FOR TELEPHONE	
	GROUNDING WIRE RUN UNDERGROUND	
	CONDUIT OR FIBER DUCT RUN UNDERGROUND.	

GENERAL NOTES.

1. ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY DRAINED.
2. ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & OTHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4FT. ABOVE FIN. FLOOR. OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS. CLASS I.
3. ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR SHALL BE OF ONE MANUFACTURE ONLY.
4. FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSETRON DUAL ELEMENT FUSES UNLESS OTHERWISE INDICATED ON DRAWINGS.
5. LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

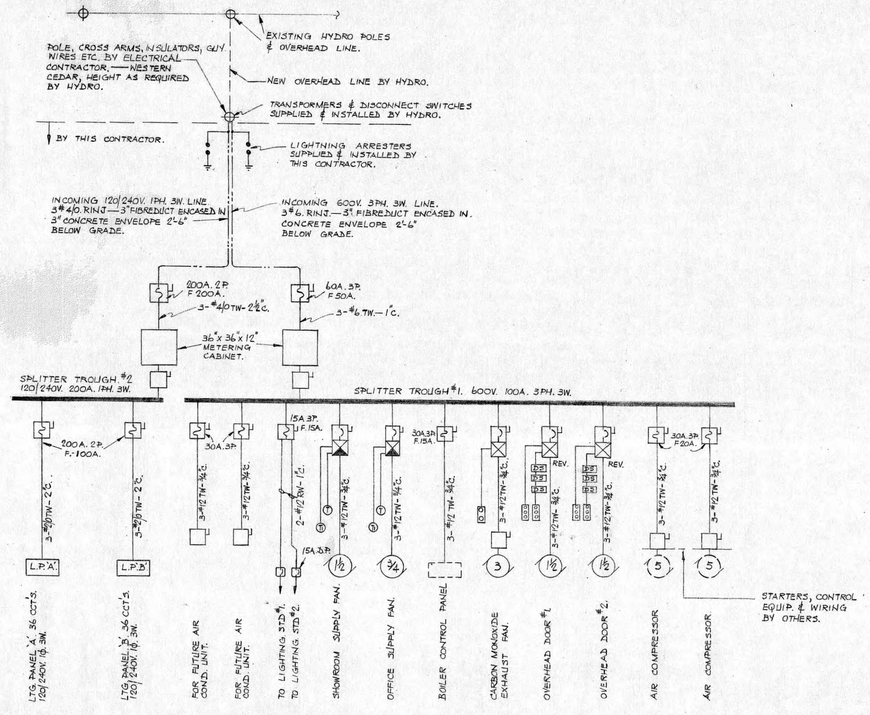
DATE	ISSUED FOR	DATE	BY	BULLETIN
SEPT 16/59	SUB-TRADE TENDERS			
SEPT 16/59	BUILDING PERMIT			
SEPT. 21/59	CONSTRUCTION			
OCT. 5/59	REVISION WITH BULLETIN #1.		J.G.B.P.	#1
OCT. 15/59	REVISION WITH BULLETIN #3		J.G.B.P.	#3
NOV. 11/59	REVISION WITH BULLETIN #4		V.T.	#4

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: SINGLE LINE DIAGRAM - CARLING AVE.

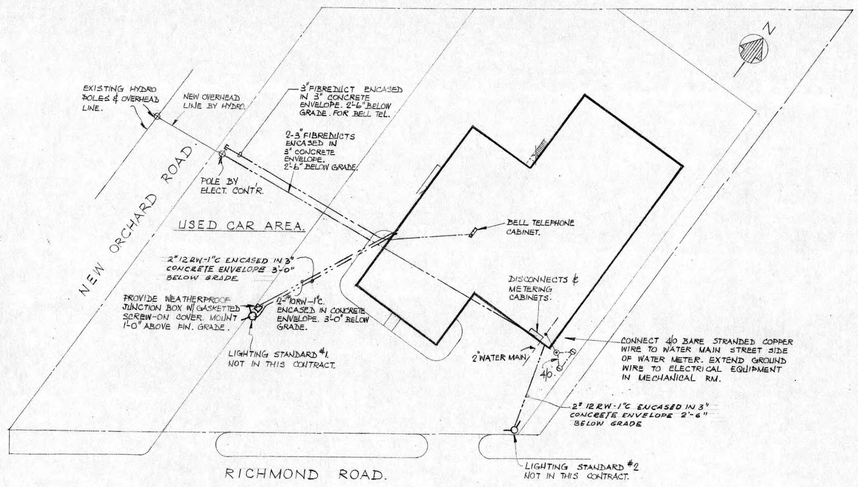
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN J.G.B.P.	DATE 8.20.59	PROJECT CHIEF A. PERRIN	JOB C 59 27B
CHECKED F.W.B.		IN CHARGE:	
DESIGNED V.T.		DATE	SHEET EL 1
APPROVED		JOB CAPTAIN	FILE #64

G-D-7



SINGLE LINE DIAGRAM

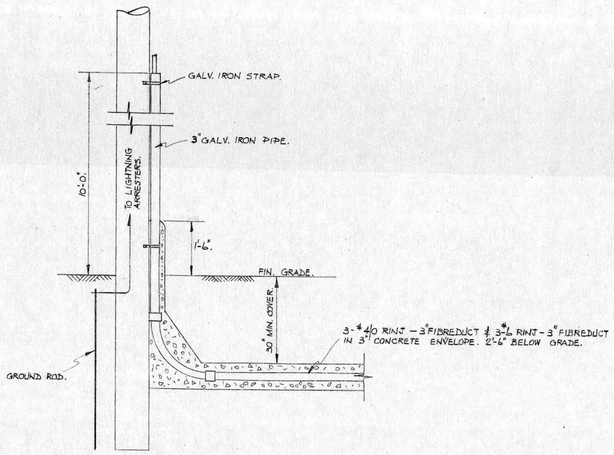


PLOT PLAN

SCALE. 1"= 40'0"

LEGEND

SYMBOL	DESCRIPTION.	REMARKS
	FLUORESCENT LIGHTING FIXTURE FOR SHOWROOM.	
PL	FLUORESCENT LIGHTING FIXTURE. TYPE 'B'.	
K	INCANDESCENT LIGHTING FIXTURE. TYPE 'K'.	
H	INCANDESCENT LIGHTING FIXTURE WALL BRACKET TYPE.	
	SPOT LIGHT. MOUNTED IN SHOWROOM.	
	EXIT LIGHT.	
$	LIGHT SWITCH. S.P. 'T' RATED. 125V. 20A. HUBBELL 1900 SERIES.	
$	2 GANG LIGHT SWITCH.	
	DUPLEX RECEPTACLE. 120V. 15A. 'U' GROUNDED. TYPE HUBBELL CAT. Nº 5252.	
	CLOCK OUTLET HUBBELL CAT. Nº 7707. 125V. 15A.	
	NIGHT LIGHT.	
	UNFUSED DISCONNECT SWITCH.	
	LIGHTING PANEL 120/240V. 1PH. 3W.	
	TELEPHONE OUTLET.	
/ PL	MANUAL STARTER. WEST. CAT. Nº W.100-23/ WITH PILOT LIGHT.	
2	MOTOR H.P. AS INDICATED. 550V. 3PH. 60~.	
70A	FUSED DISCONNECT SWITCH. 600V. 3P FUSED AT 70A.	
/	COMBINATION MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER/ START STOP P.B. IN COVER.	
REV.	REVERSING MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER.	
T	THERMOSTAT WITH HAND-OFF-AUTO SEL. SWITCH. MINNEAPOLIS-HONEYWELL. CAT. Nº 7A-42 J. WHERE ON EXTERIOR WALL TO BE MOUNTED ON 3" CORK.	
DS	DOOR SWITCH.	
	OPEN-CLOSE-STOP. P.B.	
	START-STOP. P.B. WITH LOCK ATTACHMENT. MOMENTARY CONTACT.	
	JUNCTION BOX.	
	GROUND ROD. COPPERWELD. ¾" x 10'-0" LG.	
	GROUND ROD. COPPERWELD. ¾" Ø x 10'-0" LG. W/ VITRIFIED TILE & REMOVABLE WOODEN COVER.	
	CONDUIT IN SLAB.	
	CONDUIT RUN EXPOSED.	
	HOME RUN TO LTG. PANEL. NUMBERS INDICATE CIRCUIT BREAKER NUMBERS IN LTG. PANEL.	
	EMPTY CONDUIT FOR TELEPHONE.	
	GROUNDING WIRE RUN UNDERGROUND	
	CONDUIT OR FIBER DUCT RUN UNDERGROUND.	



UNDERGROUND SERVICE FROM HYDRO POLE.

GENERAL NOTES.

1. ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY DRAINED.
2. ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & OTHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4FT ABOVE FIN. FLOOR. OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS CLASS I.
3. ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR. SHALL BE OF ONE MANUFACTURE ONLY.
4. FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSETRON DUAL ELEMENT FUSES UNLESS OTHERWISE INDICATED ON DWGS.
5. LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR / REVISION	DATE	BY	BULLETIN
OCT 15/59	REVISION WITH BULL # 3		J.G.B.P.	#3
OCT 9/59	CONSTRICTION WITH BULL #2		J.G.B.P.	#2

CLIENT: CHRYSLER CORPORATION OF CANADA

JOB TITLE: SALES & SERVICE CENTRES

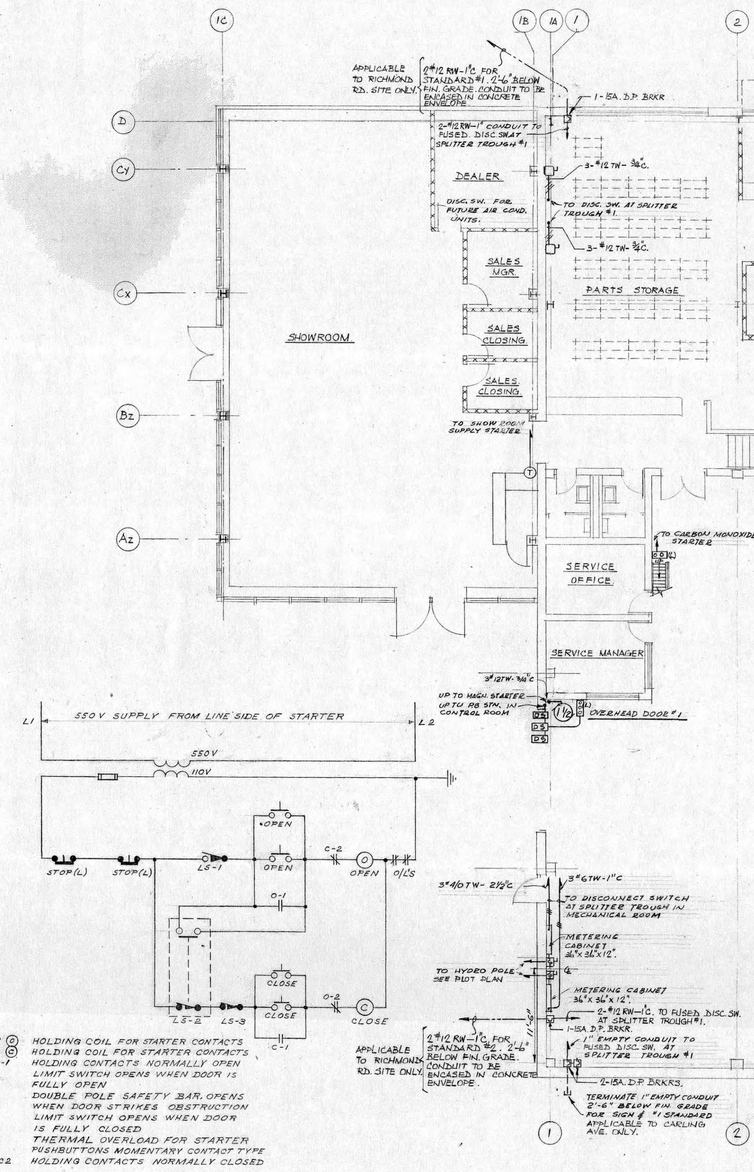
SHEET TITLE: SINGLE LINE DIAGRAM — RICHMOND RD.

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

TORONTO, ONT. — WINDSOR, ONT.

DRAWN	DATE	PROJECT CHIEF	JOB
J.G.B.P.	9/59	A. PERRIN	C-59-27B
CHECKED: F.W.B.		IN CHARGE:	
DESIGNED: V.J.		DATE	SHEET: EL-1A
APPROVED		JOB CAPTAIN	FILE #64

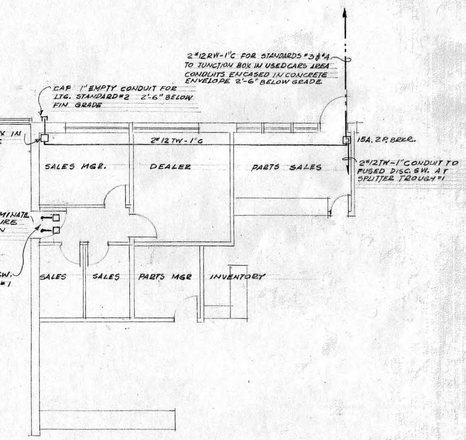
L100 9-D-7



OPEN (O) HOLDING COIL FOR STARTER CONTACTS
CLOSE (C) HOLDING COIL FOR STARTER CONTACTS
O-1 & C-1 HOLDING CONTACTS NORMALLY OPEN
LS-1 LIMIT SWITCH OPENS WHEN DOOR IS FULLY OPEN
LS-2 DOUBLE POLE SAFETY BAR, OPENS WHEN DOOR STRIKES OBSTRUCTION
LS-3 LIMIT SWITCH OPENS WHEN DOOR IS FULLY CLOSED
O/L THERMAL OVERLOAD FOR STARTER PUSHBUTTONS MOMENTARY CONTACT TYPE
O-2 & C2 HOLDING CONTACTS NORMALLY CLOSED

TYPICAL SCHEMATIC DIAGRAM FOR OVERHEAD DOORS

FIRST FLOOR POWER LAYOUT.
SCALE: ⅛"=1'-0"



FIRST FLOOR PART PLAN. CARLING AVE.
SCALE 1/8" = 1'-0"

DATE	ISSUED FOR	REVISION	BY	BULLETIN
NOV. 11/59	REVISION WITH BULLETIN #4		V.T.	#4
OCT. 15/59	REVISION WITH BULLETIN #3		J.G.B.P.	#3
OCT. 5/59	REVISION WITH BULLETIN #1		J.G.B.P.	#1.
SEPT. 21/59	CONSTRUCTION.			
SEPT. 16/59	BUILDING PERMIT.			
SEPT 16/59	SUB-TRADE TENDERS			

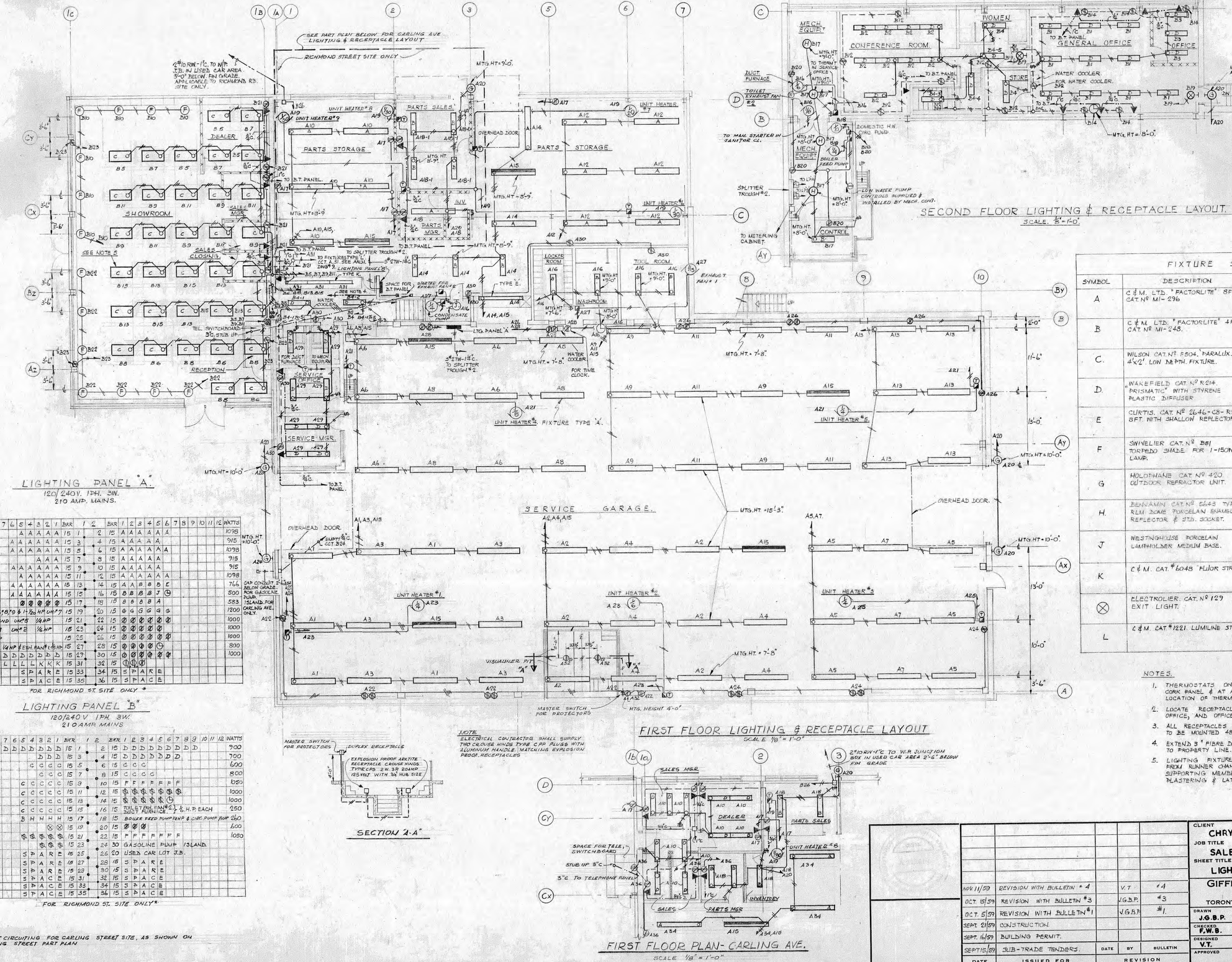
REGISTERED PROFESSIONAL ENGINEER A. PERRIN PROVINCE OF ONTARIO

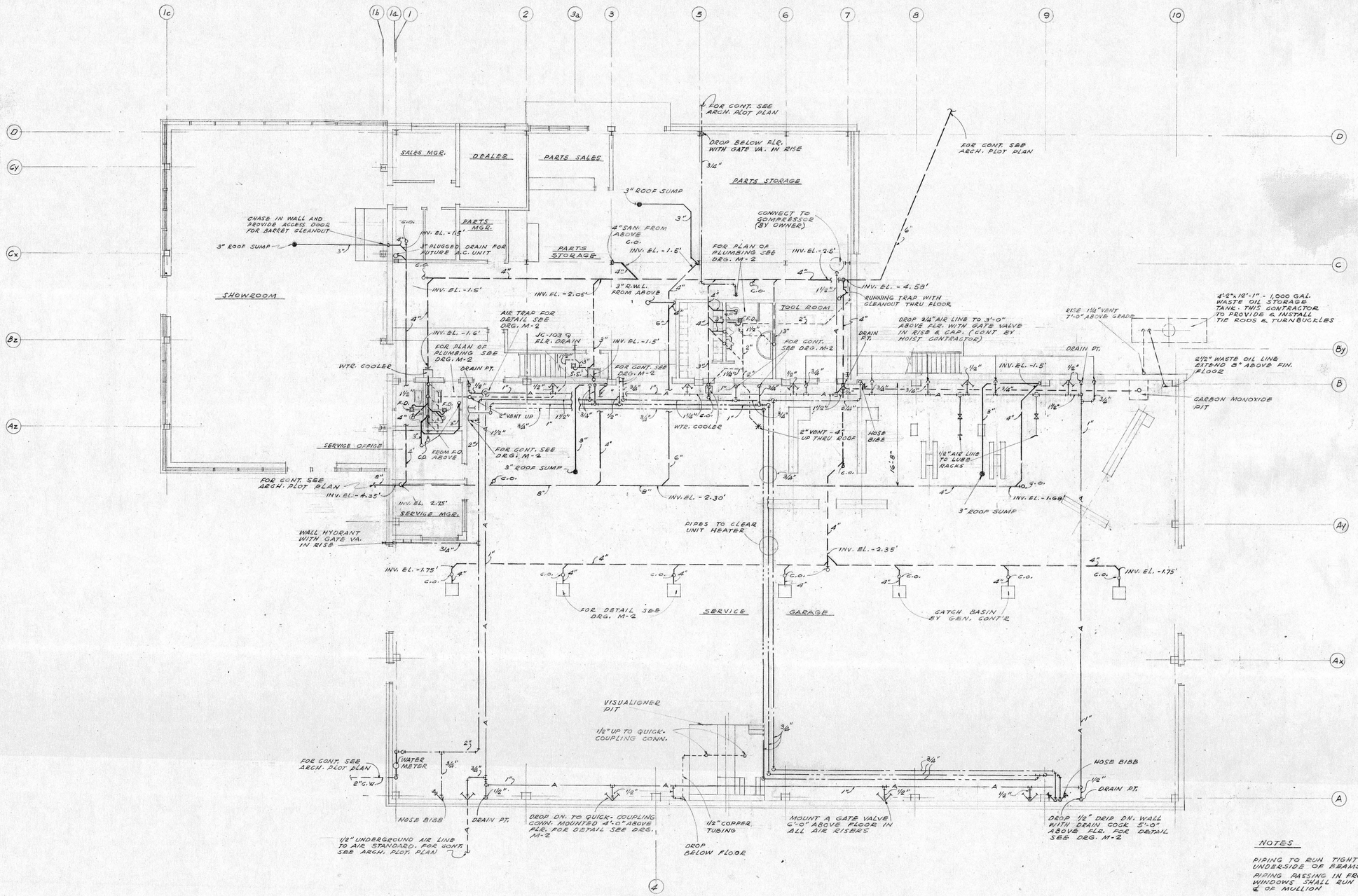
CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: POWER LAYOUT

GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

DRAWN: J.G.B.P.	DATE: 12959	PROJECT CHIEF: A. PERRIN	JOB: C 59-27B
CHECKED: F.W.B.		IN CHARGE:	
DESIGNED: V.T.		DATE	SHEET: EL 2
APPROVED		JOB CAPTAIN	FILE # 64

9-D-7


SEE PART PLAN BELOW FOR CARLING AVE LIGHTING & RECEPTACLE LAYOUT.
RICHMOND STREET SITE ONLY
2"C 10 RW-1"C. TO W.P. J.B. IN USED CAR AREA 3'-0" BELOW FIN GRADE. APPLICABLE TO RICHMOND, R.S. SITE ONLY.
SALES & SERVICE CENTRE
SECOND FLOOR LIGHTING & RECEPTACLE LAYOUT.
SCALE. 1/8"=1'-0"
MECH. EQUIP.
CONFERENCE ROOM.
WOMEN
GENERAL OFFICE
OFFICE
STORE
DUCT FURNACE
TOILET EXHAUST FAN #2
TO MAN. STARTER IN JANITOR CL.
DOMESTIC H.W. CIRC. PUMP.
BOILER FEED PUMP
LOW WATER PUMP CONTROLS SUPPLIED & INSTALLED BY MECH. CONT.
SPLITTER TROUGH #2.
TO METERING CABINET
WATER COOLER.
FOR WATER COOLER.
MTG. HT. = 8'-0" ABOVE LANDING.
MTG. HT. = 8'-0"
SEE NOTE 5
SHOWROOM
SALES CLOSING
RECEPTION
DEALER
PARTS STORAGE
PARTS SALES
PARTS MGR.
SERVICE MGR.
SERVICE OFFICE
LOCKER ROOM
WASHROOM
TOILET ROOM
SPACE FOR EXHAUST FAN #2
EXHAUST FAN #1
UNIT HEATER #1
UNIT HEATER #2
UNIT HEATER #3
UNIT HEATER #4
UNIT HEATER #5
UNIT HEATER #6
UNIT HEATER #7
UNIT HEATER #8
OVERHEAD DOOR
LIGHTING PANEL 'A'
TYPE 'E'
TYPE 'K'
FIXTURE TYPE 'A'
WATER COOLER
FOR TIME CLOCK.
FOR DUCT FURNACE
TO MECH. EQUIP. RM.
SPACE FOR EXHAUST FAN #2
CONDENSATE PUMP
TO SPLITTER TROUGH #2
TO B.T. PANEL
TO FIXTURES TYPE 'K' CCT. 4, 31 SEE ANSH. DWG #3
TELL. SWITCHBOARD
STUB UP.
SERVICE GARAGE.
SAP CONSULT & 2"C BELOW GRADE FOR GASOLINE PUMP ISLAND. FOR CARLING AVE. ONLY.
SUMP & C. CCT. 304
VISUALIZER PIT "A"
MASTER SWITCH FOR PROJECTORS
MTG. HEIGHT 4'-0"
MTG. HT. = 7'-8"
MTG. HT. = 8'-9"
MTG. HT. = 9'-0"
MTG. HT. = 10'-0"
MTG. HT. = 15'-3"
MTG. HT. = 8'-5"
MTG. HT. = 7'-6"
MTG. HT. = 9'-0"
MTG. HT. = 8'-0"
MTG. HT. = 8'-1"
MTG. HT. = 8'-6"
MTG. HT. = 8'-0"
MTG. HT. = 8'-0"
MTG. HT. = 8'-0



NOTES

PIPING TO RUN TIGHT TO UNDERSIDE OF BEAMS

PIPING PASSING IN FRONT OF WINDOWS SHALL RUN ALONG ℄ OF MULLION

FIRST FLOOR PLAN

SCALE - 1/8" = 1'-0"

FIN. FLOOR EL. 00'

CARLING AVE. SITE

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — ONTARIO

DATE	ISSUED FOR	BY	REVISION
11/3/59	BULLETIN No. 4	11/4/59	A.G.	No. 4
10/16/59	BULLETIN No. 3	10/16/59	A.G.	No. 3
10/5/59	BULLETIN No. 1	10/5/59	A.G.	No. 1
9/21/59	ISSUED FOR CONSTRUCTION			

CLIENT: CHRYSLER CORPORATION OF CANADA

JOB TITLE: SALES & SERVICE CENTRES

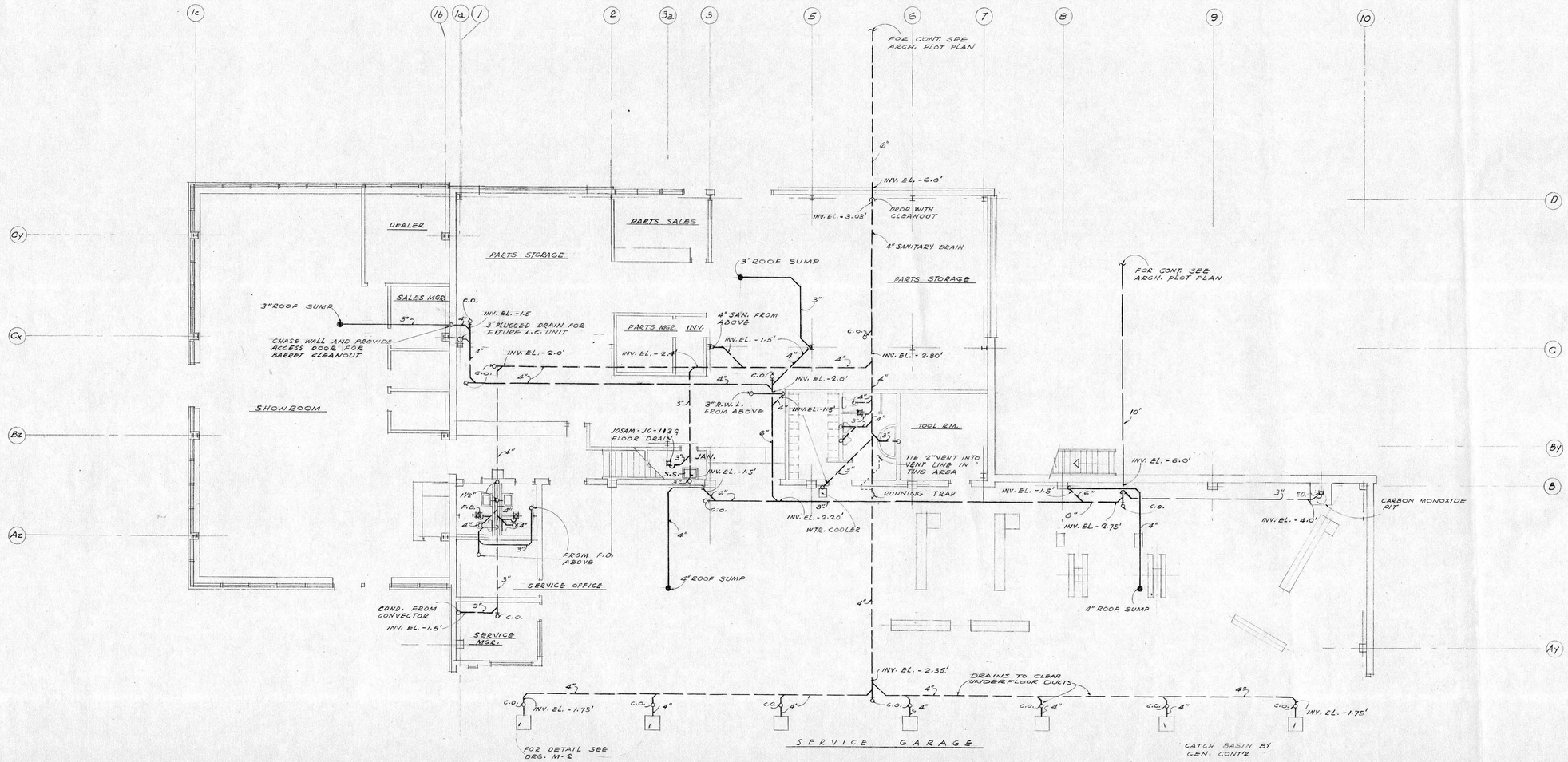
SHEET TITLE: PLUMBING & DRAINAGE

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

TORONTO, ONT. WINDSOR, ONT.

DRAWN A.G.	DATE	PROJECT CHIEF A. PERRIN	JOB C-59-27B
CHECKED K.S.		IN CHARGE A. MASON	
DESIGNED A.G.		DATE	SHEET M-1
APPROVED		JOB CAPTAIN K. SHARPLES	FILE # 64 Q-D-7

K&E 163 7-59•



PART FLOOR PLAN

SCALE - 1/8" = 1'-0"

RICHMOND ED. SITE

FOR PLAN OF PLUMBING - 2ND FLOOR DRAINAGE - AIR & VENT PIPING SEE DRGS. M-1 & M-2

FIN. FLOOR EL. 00'

DATE	ISSUED FOR	DATE	BY	BULLETIN
	SANITARY DRAIN INCREASED TO 6" NO WASTE OIL TANK NO OTHER CHANGES			
JULY 8-60	REVISIONS - AS BUILT	7/8/60	J.C.	
10/16/59	BULLETIN No. 3	10/16/59	A.G.	3
30CT-59	CONSTRUCTION WITH BULL "2	30CT 59	K.S.	2

REVISIONS

CLIENT: CHRYSLER CORPORATION OF CANADA

JOB TITLE: SALES & SERVICE CENTRES

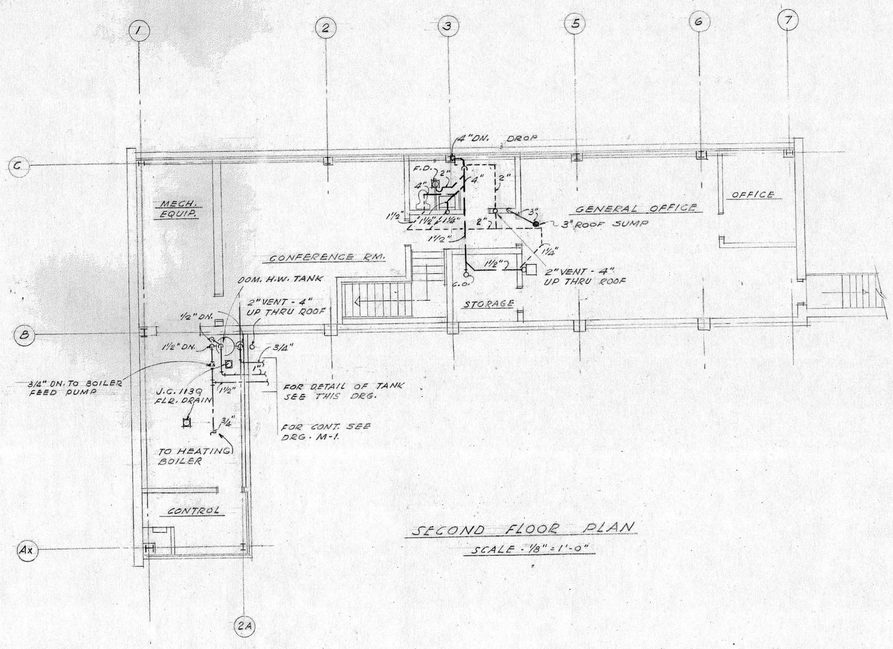
SHEET TITLE: STORM & SANITARY DRAIN PART PLAN

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

TORONTO SARNIA WINDSOR

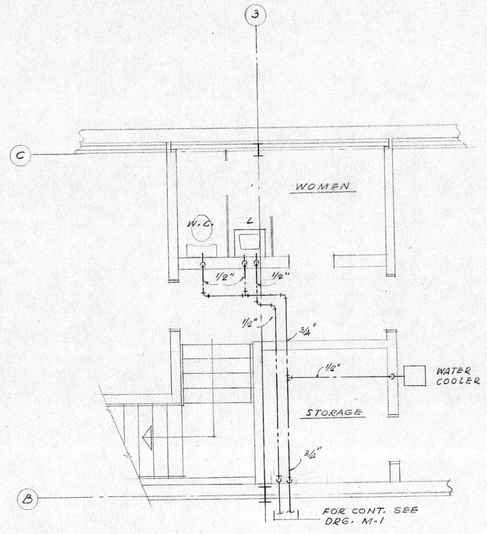
DRAWN A.G.	DATE	PROJECT CHIEF A. PERRIN	JOB C-59-27B
CHECKED K.S.		IN CHARGE A. MASON	
DESIGNED A.G.		DATE	SHEET M-1A
APPROVED		JOB CAPTAIN K. SHARPLES	

9-D-7
FILE #



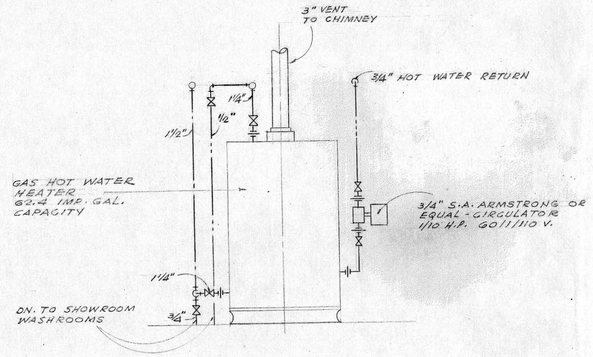
SECOND FLOOR PLAN

SCALE - 1/8" = 1'-0"



PART 2ND FLOOR PLAN

SCALE - 1/4" = 1'-0"

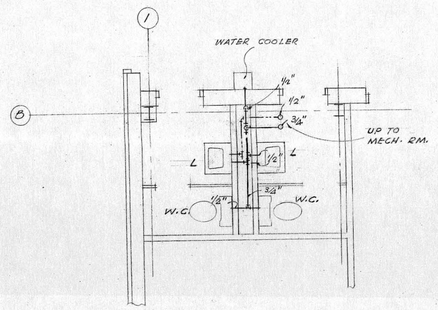


DETAIL OF CONNECTIONS TO GAS FIRED HOT WATER HEATER

N.T.S.

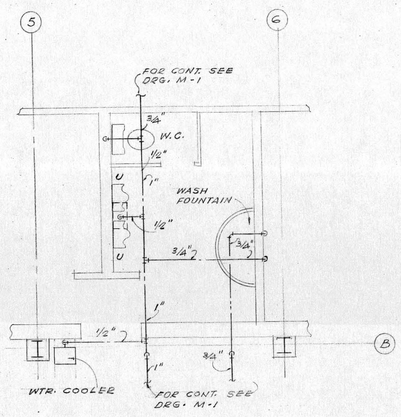
LEGEND

——— ———	STORM DRAIN
— — — —	SANITARY DRAIN
——— - ———	COLD WATER LINE
——— - - ———	HOT WATER LINE
——— . ———	HOT WATER RETURN
———A———	COMPRESSED AIR LINE
- - - - - - - -	VENT LINE
F.D.	FLOOR DRAIN
C.O.	CLEAN OUT
	GATE VALVE
	UNION
L	LAVATORY
W.C.	WATER CLOSET
U	URINAL
S.S.	SLOP SINK
R.W.L.	RAIN WATER LEADER



PLAN OF SHOWROOM WASHROOMS

SCALE - 1/4" = 1'-0"

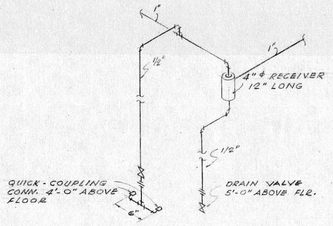


PART PLAN OF GARAGE WASHROOM

SCALE - 1/4" = 1'-0"

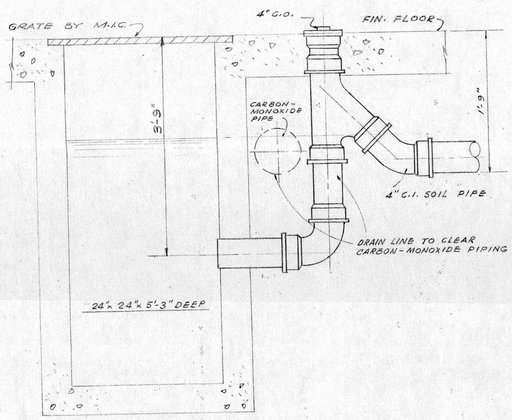
ISOMETRIC OF AIR TRAP CONNECTIONS

N.T.S.



DETAIL OF TYPICAL AIR CONNECTION AND DRAIN POINT

N.T.S.



DETAIL OF CATCH BASINS IN SERVICE GARAGE

N.T.S.

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

DATE	ISSUED FOR	REVISION	BY	BULLETIN
	NO CHANGES			
10/16/59	BULLETIN No. 3	10/16/59	A.G.	No. 3
10/5/59	BULLETIN No. 1			
9/21/59	CONSTRUCTION	10/		
31/10/59	BUILDING PERMIT	10/5/59	A.G	No 1
9/18/59	SUB-TRADE TENDERS			

CLIENT: CHRYSLER CORPORATION OF CANADA

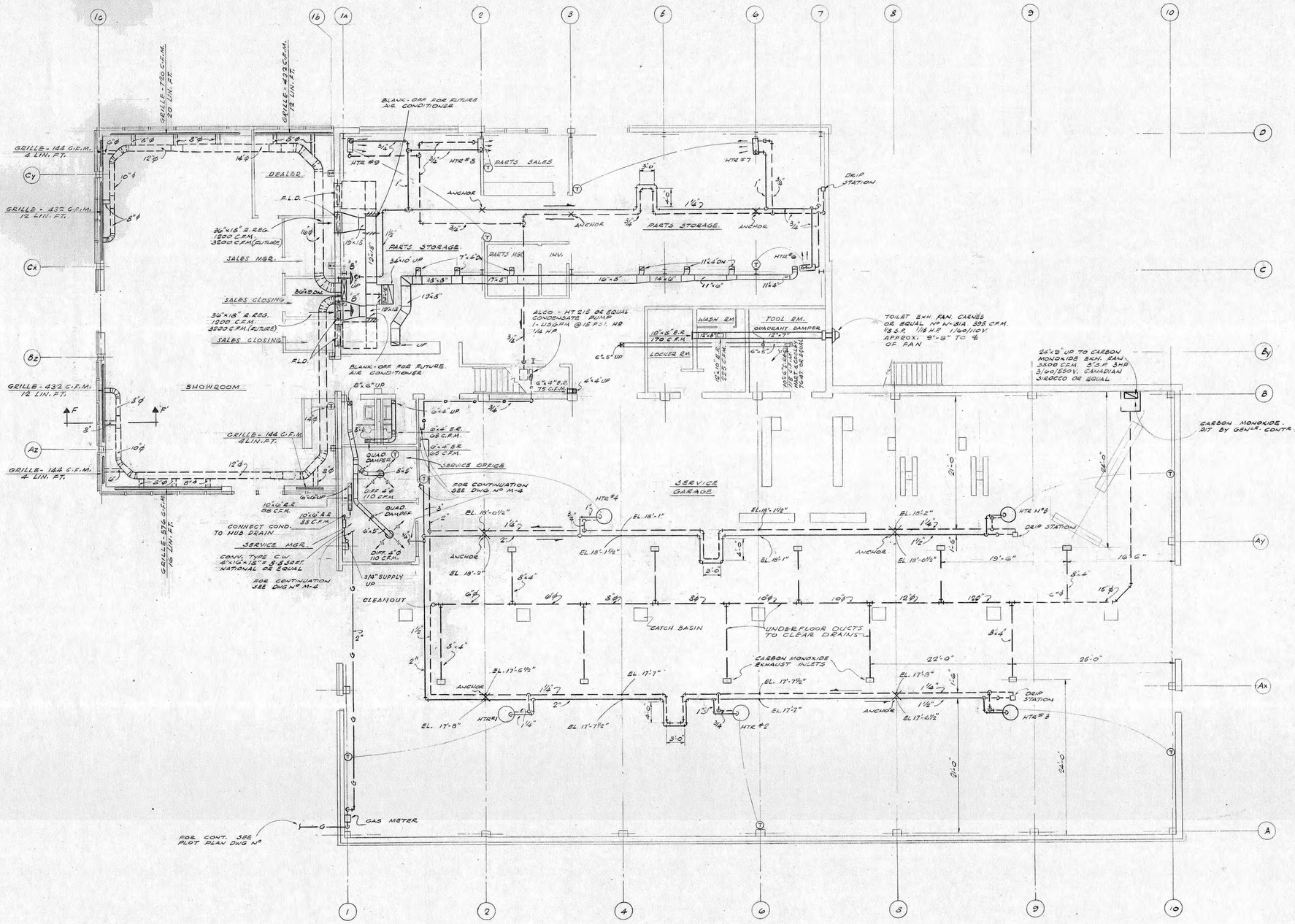
JOB TITLE: SALES & SERVICE CENTRES

SHEET TITLE: PLUMBING & DRAINAGE FLOOR PLAN & DETAILS

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS

TORONTO, ONT. WINDSOR, ONT.

DRAWN A.G.	DATE 8/2959	PROJECT CHIEF A. PERRIN	JOB C.59.27B
CHECKED		IN CHARGE A. MASON	
DESIGNED		DATE	SHEET M2
APPROVED		JOB CAPTAIN K. SHARPLES	FILE # 64 9-D-7



FLOOR PLAN
FIN. FLOOR EL. 0'-0"

UNIT HEATER SCHEDULE						
HEATER Nº	CAP./HR.	APPROX. E.A.T.	MOTOR H.P.	MOTOR R.P.M.	MOUNTING HEIGHT	REMARKS
1, 3, & 5	200,000	112	1/4	1140	17'-0"	ADJUSTABLE CONE DEFLECTOR
2	121,000	120	1/6	860	17'-0"	" " "
4	73,000	104	1/8	1725	17'-0"	" " "
6	35,600	105	1/30	1310	8'-6"	
7	44,600	106.5	1/20	1060	8'-6"	
8	31,400	110	1/30	1050	8'-6"	
9	23,600	105.5	1/30	1050	8'-6"	

ABOVE HEATER ARE BASED ON 10# STEAM & 60° ENTERING AIR.

NOTE!
SLOPE STEAM & COND. LINES 1" IN 40 FT. IN DIRECTION OF ARROWS.
THERMOSTATS ON EXTERIOR WALLS TO BE MOUNTED ON 3" CORK.
ALL REDUCTIONS IN LINES TO BE ECCENTRIC WITH INVERTS LEVEL

LEGEND

———	STEAM SUPPLY
- - - -	CONDENSATE RETURN
——o——	CONDENSATE RETURN (PUMP)
——G——	GAS LINE
F.L.D.	FUSIBLE LINK DAMPER
(T)	THERMOSTAT

REGISTERED PROFESSIONAL ENGINEER — CIVIL — A. PERRIN — PROVINCE OF ONTARIO

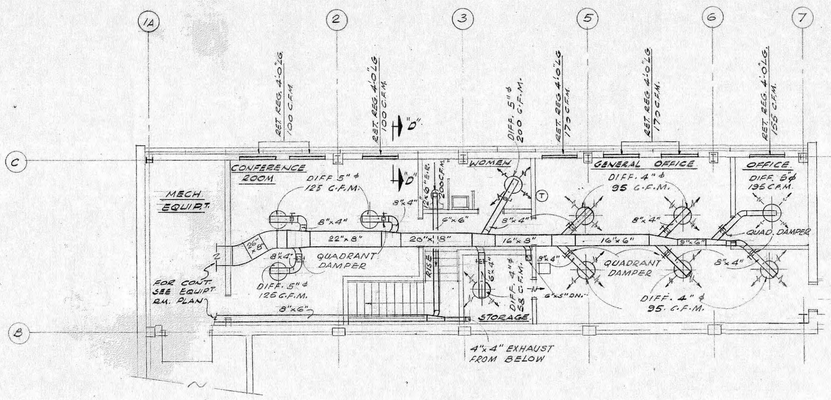
DATE	ISSUED FOR	DATE	BY	REVISION
10/16/59	BULLETIN No.3	10/16/59	A.G.	No. 3
10/5/59	BULLETIN Nº 1			
3/21/59	CONSTRUCTION			
3/16/59	BUILDING PERMIT			
15 SEPT. 59	SUB-TRADE TENDER	10/5/59	A.G.	Nº. 1

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: HEATING & VENTILATING FLOOR PLAN
GIFFELS & VALLET OF CANADA, LTD. ENGINEERS
TORONTO, ONT. WINDSOR, ONT.

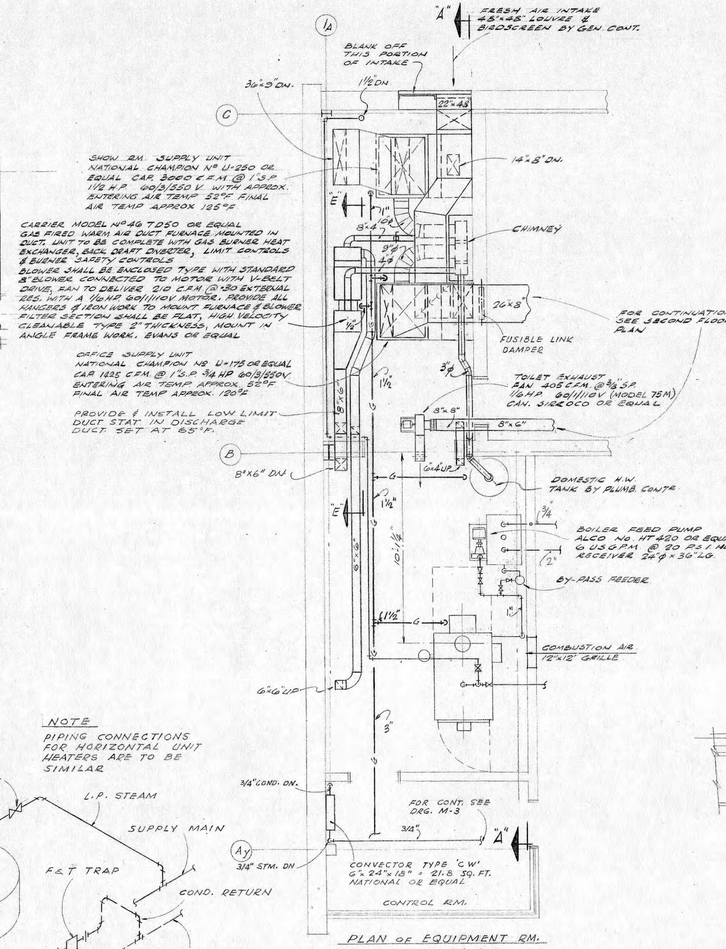
DRAWN J. C.	DATE	PROJECT CHIEF A. PERRIN	JOB C-59-27B
CHECKED K.S.		IN CHARGE A. MASON	
DESIGNED K.S.		DATE	SHEET M-3
APPROVED		JOB CAPTAIN K. SHARPLES	

L100

9-D-7
FILE #64



SECOND FLOOR PLAN
SCALE 1/8"=1'-0"



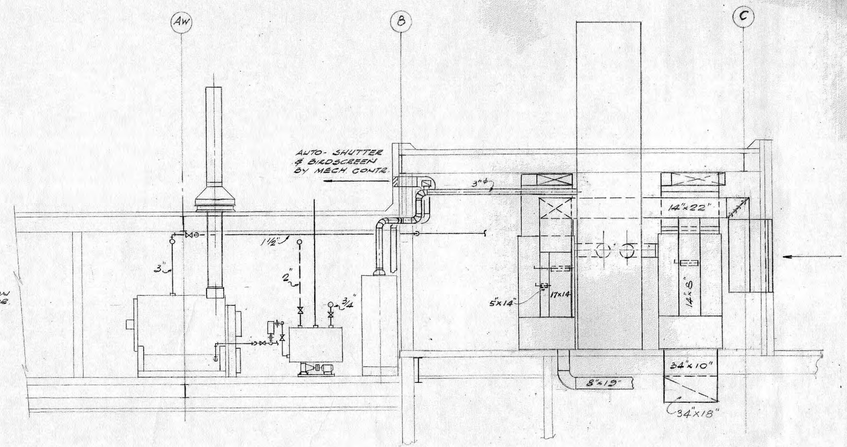
SHOW 2M. SUPPLY UNIT NATIONAL CHAMPION No. U-250 OR EQUAL CAP. 3000 C.F.M. @ 1" S.P. 1½ H.P. 60/3/550 V. WITH APPROX. ENTERING AIR TEMP. 32°F. FINAL AIR TEMP APPROX 195°F.

CARRIER MODEL No. 40 TD50 OR EQUAL GAS FIRED WARM AIR DUCT FURNACE MOUNTED IN DUCT, UNIT TO BE COMPLETE WITH GAS BURNER HEAT EXCHANGER, BACK DRAFT DIVERTER, LIMIT CONTROLS & BURNER SAFETY CONTROLS BLOWER SHALL BE ENCLOSED TYPE WITH STANDARD V BLOWER CONNECTED TO MOTOR WITH V-BELT DRIVE, FAN TO DELIVER 210 C.F.M. @ .30 ENT. & DISCH. STATIC PRESS. WITH A 1½ H.P. 60/1/110V. MOTOR, PROVIDE ALL HANGERS OF IRON WORK TO MOUNT FURNACE & BLOWER FILTER SECTION SHALL BE FLAT, HIGH VELOCITY CLEANABLE TYPE 2" THICK AND SHALL MOUNT IN ANGLE FRAME WORK, EVANS OR EQUAL

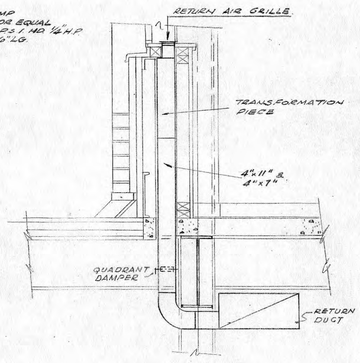
OFFICE SUPPLY UNIT NATIONAL CHAMPION No. U-175 OR EQUAL CAP. 1825 C.F.M. @ 1" S.P. ¾ H.P. 60/3/550V. ENTERING AIR TEMP APPROX. 52°F FINAL AIR TEMP APPROX. 120°F.

PROVIDE & INSTALL LOW LIMIT DUCT STAT. IN DISCHARGE DUCT. SET AT 65°F.

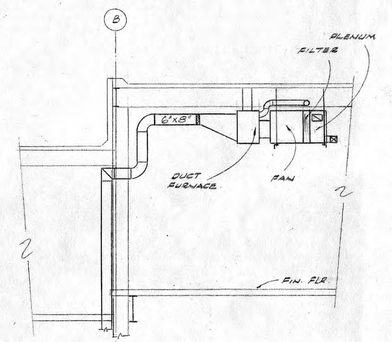
TOILET EXHAUST FAN 305 C.F.M. @ ⅜" S.P. 1/6 H.P. 60/1/110 V. (MODEL 75M) CAN. SIROCCO OR EQUAL



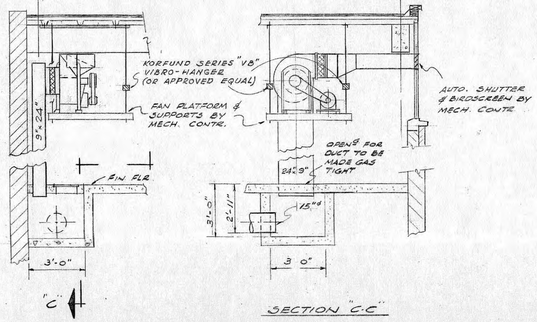
SECTION "A-A"
SCALE 1/4 1:0"



SECTION - "D-D"
SCALE ¾"=1'-0"

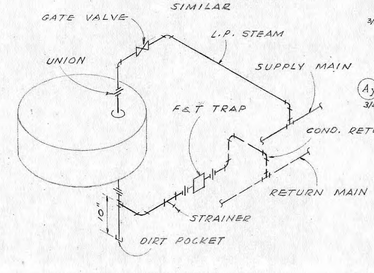


SECTION "E-E"
SCALE 1/4"=1'-0"

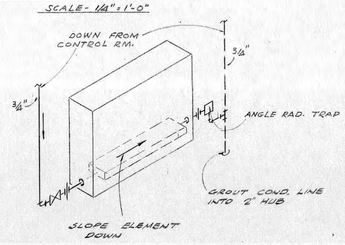


SECTION "C-C"

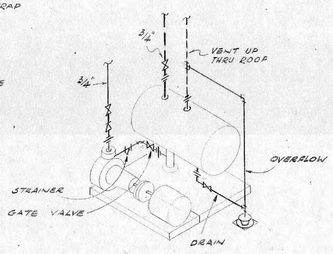
DETAIL OF CARBON MONOXIDE FAN
SCALE - 1/4"=1'-0"



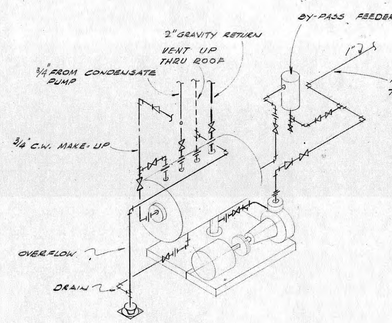
DETAIL OF TYPICAL CONNECTIONS FOR VERTICAL UNIT HEATERS
N.T.S.



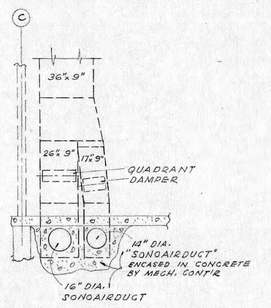
DETAIL OF CONVECTOR CONNECTIONS
N.T.S.



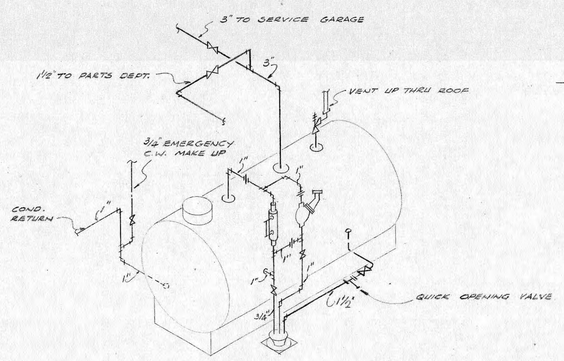
DETAIL OF CONDENSATE PUMP CONNECTIONS
N.T.S.



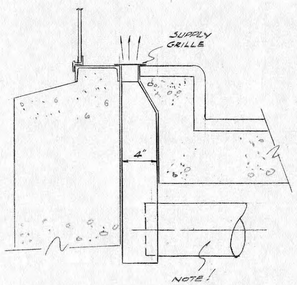
DETAIL OF BOILER FEED PUMP CONNECTIONS
N.T.S.



SECTION - "B-B"
SCALE - 1/4"=1'-0"



DETAIL OF BOILER CONNS.
N.T.S.



SECTION "F-F"
SCALE 1½"=1'-0"

	GAS MAIN INCR. TO 3"			
July 8/60	REVISIONS - AS BUILT	7/12/60	J.C.	
10/16/59	BULLETIN No. 3	10/16/59	A.G.	No. 3
10/5/59	BULLETIN No. 1			
9/21/59	CONSTRUCTION			
9/16/59	BUILDING PERMIT	10/5/59	A.G.	No. 1.
9/8/59	SUB-TRADE TENDER	DATE	BY	BULLETIN
DATE	ISSUED FOR	REVISION		

REGISTERED PROFESSIONAL ENGINEER — ONTARIO — A. PERRIN — PROVINCE OF ONTARIO

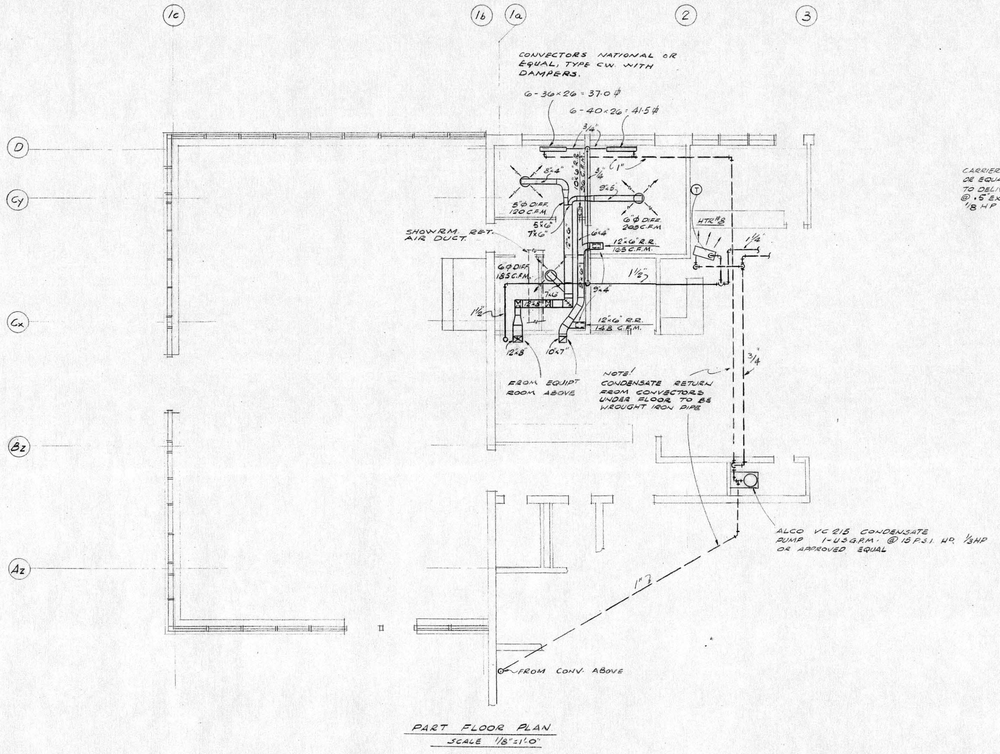
CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: HEATING & VENTILATING FLOOR PLAN & DETAILS

GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
65 ELLIOTT ST. E. WINDSOR, ONT.

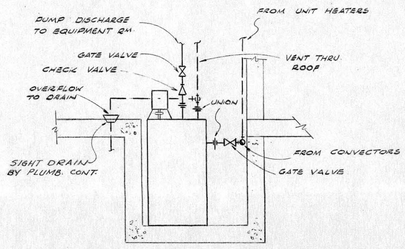
DRAWN A.G.	DATE 8/2959	PROJECT CHIEF A. PERRIN	JOB C 59 27 B
CHECKED		IN CHARGE: A. MASON	
DESIGNED		DATE	SHEET M4
APPROVED		JOB CAPTAIN K. SHARPLES	

L100

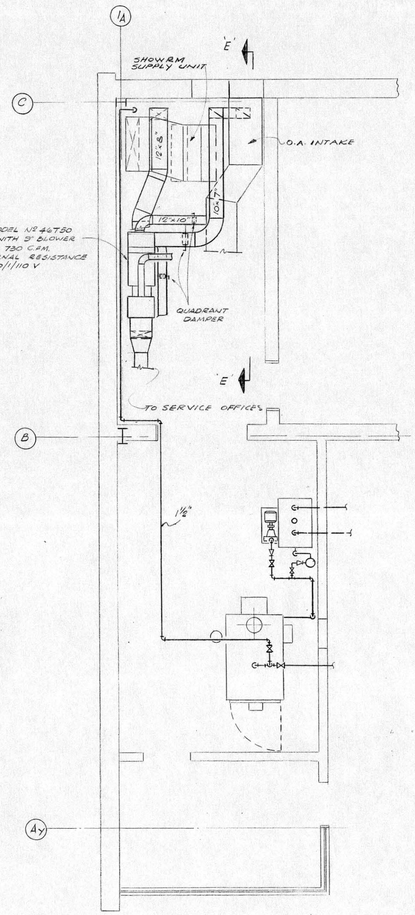
9-D-7
FILE #64



PART FLOOR PLAN
SCALE 1/8"=1'-0"

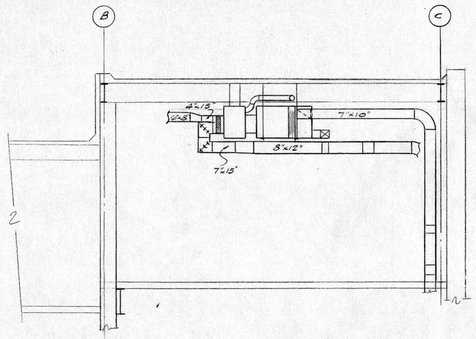


DETAIL OF CONDENSATE PUMP CONNECTIONS
N.T.S.



PLAN OF EQUIPMENT ROOM
SCALE 1/8"=1'-0"

CARLING AVE SITE



SECTION 'E-E
SCALE 1/2"=1'-0"

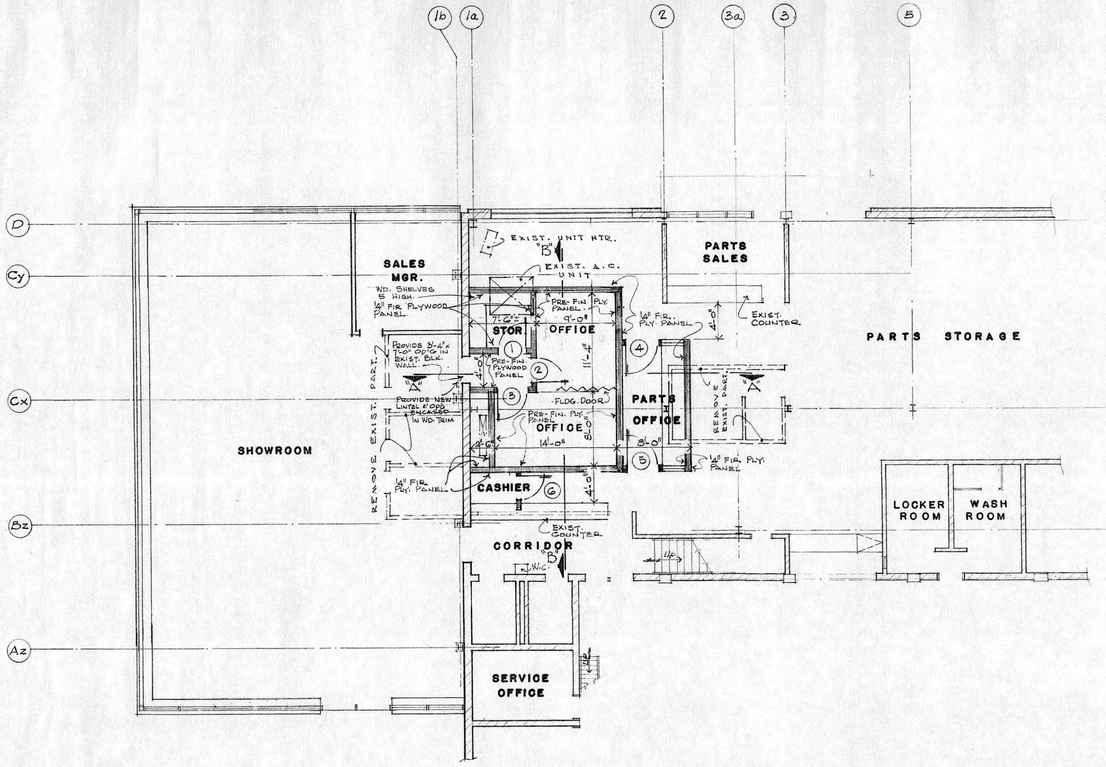
DATE	ISSUED FOR	DATE	BY	REVISIONS
11/9/59	BULLETIN N° 4	11/9/57	J.C.	N° 4

CLIENT: CHRYSLER CORPORATION OF CANADA
JOB TITLE: SALES & SERVICE CENTRES
SHEET TITLE: HEATING AND VENTILATING

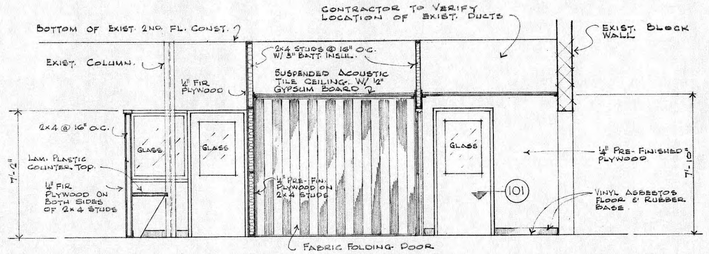
GIFFELS & VALLET OF CANADA, LTD.
ENGINEERS
TORONTO SARNIA WINDSOR

DRAWN	DATE	PROJECT CHIEF	JOB
J.C.		A. PERRIN	C-59-278
CHECKED		IN CHARGE	
K.S.		K.S.	
DESIGNED		DATE	SHEET
APPROVED		JOB CAPTAIN	M4A
		A. MASON	FILE # 64

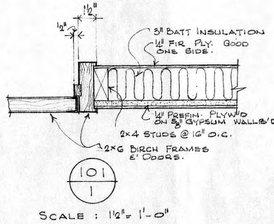
H-70 9-D-7



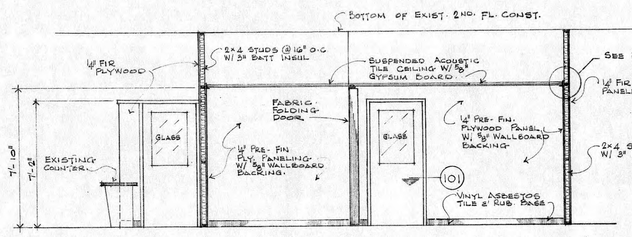
FIRST FLOOR PLAN SCALE. 1/8" = 1'-0"



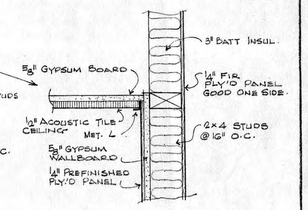
SECTION A-A.
SCALE : 1/4" = 1'-0"



SCALE : 1 1/2" = 1'-0"



SECTION B-B.
SCALE : 1/4" = 1'-0"



TYPICAL CONSTRUCTION DETAIL. SCALE: 1 1/2" = 1'-0"

NOTES :

FLOOR TILE - VINYL ASBESTOS TILE "ARMSTRONG, D.P., OR AMITCO," 9" x 9" x 1/8".

⚠ PREFINISHED PANELLING - WELDWOOD PREFINISHED BLUE LABEL V-GROOVE WALNUT AS MANUFACTURED BY WELDWOOD WESTPLY LTD.

⚠ WOOD DOORS - SHALL BE "UNIK" AS MANUFACTURED BY CANADA PLUSHWOOD DOOR CO., SOLID CORE INTERIOR DOOR NO. 800 PAINT GRADE, BIRCH FACES.

⚠ FABRIC FOLDING DOOR - FABRIC "MODERNFOLD #800 SERIES W/ STD. WGT. VINYL COVERING.

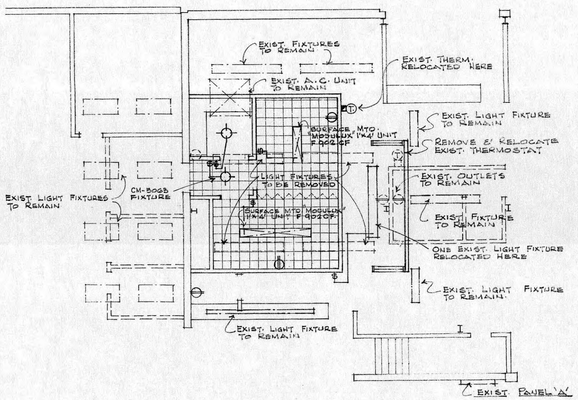
LAMINATED PLASTIC - FORMICA OR ARBORITE COUNTER TOP GRADE W/ LAMIN. PLASTIC EDGES. PROVIDE LAMIN. PLASTIC BACKING SHEET ON UNDERSIDE OF COUNTER TOP.

GYPSUM BOARD - CANADIAN GYPSUM Co. LTD 5/8" SHEETROCK FIRECODE WALLBOARD OR APPROVED EQUAL.

ACOUSTIC TILE - PERFORATED MINERAL TILE "ARMSTRONG" FULL RANDOM MINATONE, 12" x 12" x 1/2" BUTT EDGE BEVELLED.

PAINTING - ALL PAINTED AND STAINED AREAS SHALL BE FINISHED, USING TOP QUALITY MATERIALS, IN A MANNER ACCEPTABLE TO ARCHITECT. IT IS INTENDED THAT ALL NEW CONSTRUCTION IS TO BE PAINTED, EXCEPT ACOUSTIC TILE, PREFINISHED PLYWOOD, LAMINATED PLASTIC SURFACES AND FLOOR COVERING. PAINTER SHALL DO ALL TOUCH UP WORK AT EXISTING CONSTRUCTION AS REQUIRED, IN AREA OF NEW CONSTRUCTION.

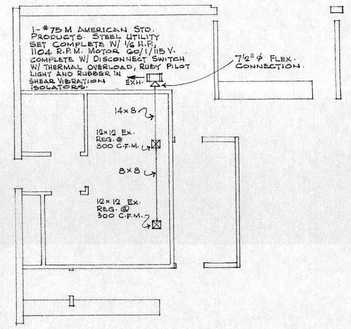
⚠ FR PLYWOOD PANELLING - 1/4" FIR PLYWOOD PANEL GOOD ONE SIDE.



FIRST FLOOR PLAN ELECTRICAL REFLECTED CEILING PLAN

SCALE : 1/8" = 1'-0"

NOTES :
- ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING FIXTURES AS SHOWN & SHALL PROVIDE AND INSTALL NEW FIXTURES AND OUTLETS AS SHOWN.
- ALL WORK SHALL BE EXECUTED IN ACCORDANCE W/ CURRENT H.E.P.C. AND LOCAL REGULATIONS. CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED.
- ELECTRICAL CONTRACTOR SHALL EXTEND CONDUIT FROM EXISTING FIXTURES TO NEW FIXTURES.



VENTILATING PLAN

SCALE : 1/8" = 1'-0"

ISSUED FOR
PRELIMINARY 7-1-64
TENDER
CONSTRUCTION 5-18-64

REVISIONS
5-18-64

DRAWN A.V.
CHECKED
APPROVED

W. C. CROSBIE
ARCHITECT
WINDSOR ONTARIO

JOB NO. 6464

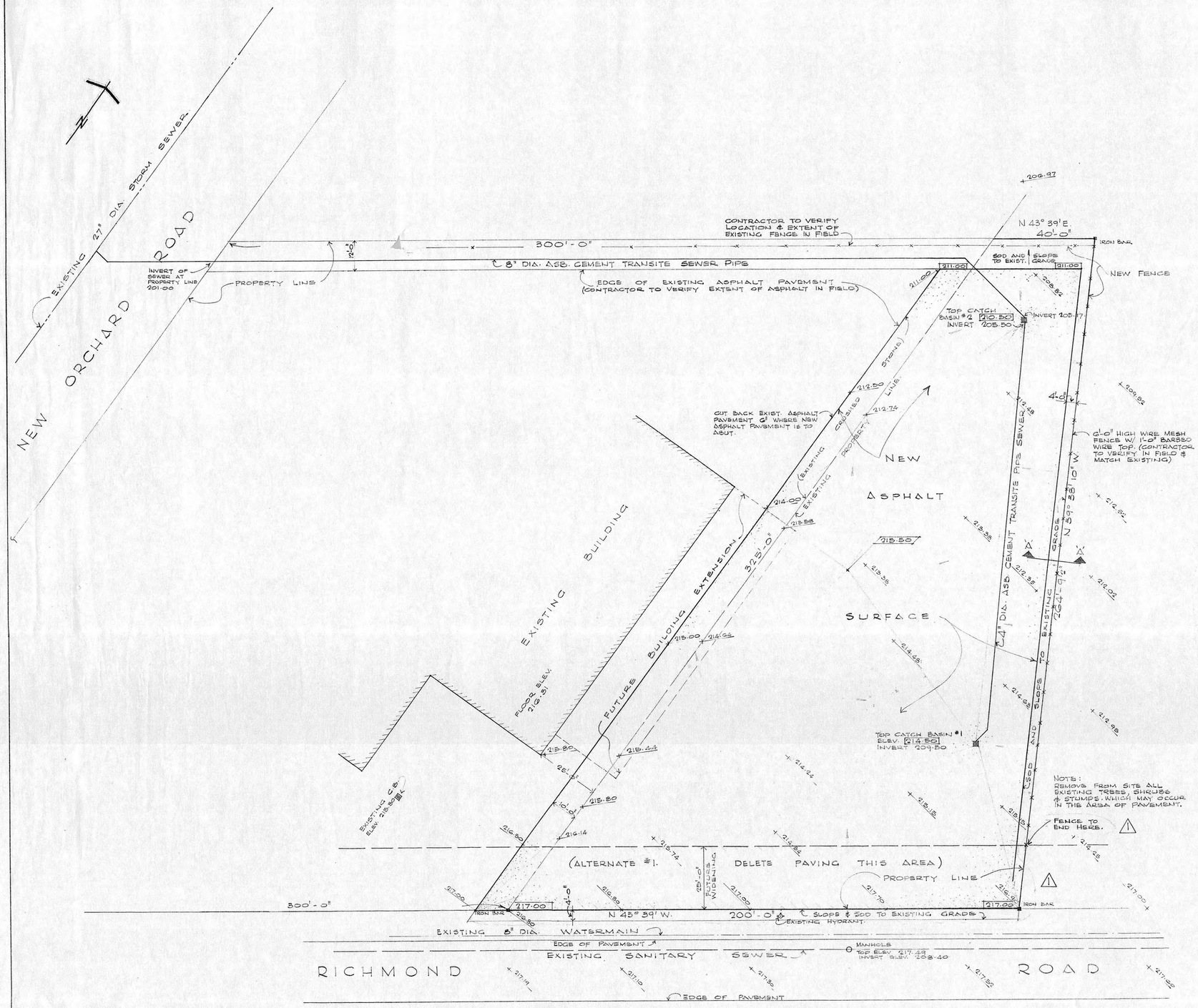
SHEET NO. 1

FILE # 64

CHRYSLER CANADA LIMITED

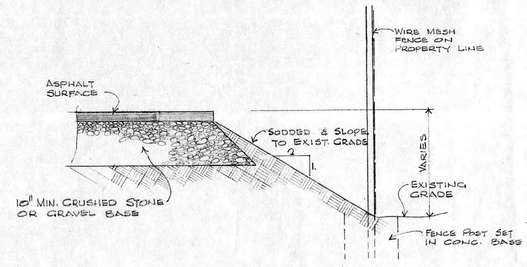
PROPOSED RENOVATIONS — PARKWAY CHRYSLER PLYMOUTH LTD. — OTTAWA — ONTARIO

QD-7

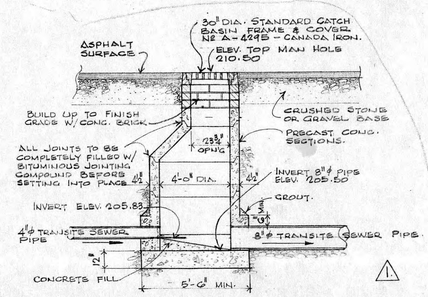


SITE PLAN
SCALE : 1" = 20'-0"

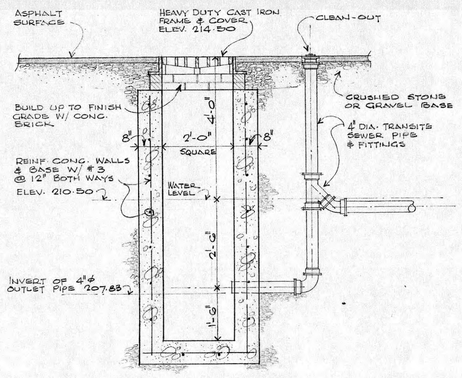
NOTES :
EXISTING ELEVATION TO GEODETIC DATUM & SHOWN THUS. + 217.00 , AND ARE TAKEN FROM DRAWING PREPARED BY R.W. ARNETT P. ENG & ONTARIO LAND SURVEYOR, OTTAWA, ONTARIO. DATED JUNE 16, 1965.
NEW ELEVATIONS SHOWN THUS. + 217.00



SECTION 'A-A'
SCALE : 3/4" = 1'-0"



DETAIL OF CATCH BASIN #2
No SCALE.



DETAIL OF CATCH BASIN #1
SCALE : 1/2" = 1'-0"

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PARKWAY CHRYSLER PLYMOUTH LTD.
OTTAWA — ONTARIO

— PROPOSED PAVING & SITE DEVELOPMENT —

REVISIONS
02 Sept. 1966

ISSUED FOR
PRELIMINARY
TENDER 8 Sept. 1966
CONSTRUCTION

DRAWN A.K.
CHECKED
APPROVED

William Cecil Crosbie Ontario Association of Architects Member

W. C. CROSBIE
ARCHITECT
WINDSOR ONTARIO

PROJECT NO.
65 — 119

SHEET NO.
1
File #64

9D-7

APPENDIX X
SITE PHOTOGRAPHS

TERRAPEX	PHOTOGRAPHIC LOG 		
Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 1 **Date:** July 12, 2024 **Viewing Direction:** Southwest **Description:** View showing the property boundary toward Richmond Road.	

Photo No: 2 **Date:** July 12, 2024 **Viewing Direction:** North **Description:** View showing the property boundary towards New Orchard Avenue North.	

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 3
Date: July 12, 2024
Viewing Direction: East
Description: View showing the site from New Orchard Avenue North.

Photo No: 4
Date: July 12, 2024
Viewing Direction: Northwest
Description: View showing the footprint of the former building in the central portion of the Site.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 5
Date: July 12, 2024
Viewing Direction: North
Description: View showing the area of the former remedial excavation to the east of the former building.

Photo No: 6
Date: July 12, 2024
Viewing Direction: Southwest
Description: View showing asphalt piles observed on-Site.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 7 **Date:** June 11, 2025 **Viewing Direction:** North **Description:** View showing the former pole-mounted transformer on the east-central portion of the Site.	

Photo No: 8 **Date:** July 12, 2024 **Viewing Direction:** Northeast **Description:** View showing the apartment building to the east of the Site.	

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 9
Date: July 12, 2024
Viewing Direction: Southeast
Description: View showing the LRT construction to the south of the site with the transit station under construction.

Photo No: 10
Date: July 12, 2024
Viewing Direction: Northwest
Description: View showing the residential property to the northwest of the site along New Orchard Avenue North.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 11
Date: July 12, 2024
Viewing Direction: Southwest
Description: View showing the residential property towards the intersection of Richmond Road and New Orchard Avenue North.

Photo No: 12
Date: July 12, 2024
Viewing Direction: Northeast
Description: View along Richmond Road.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 13
Date: July 12, 2024
Viewing Direction: Northeast
Description: View showing Tim Hortons and Tops Car Wash to the northeast of the site.

Photo No: 14
Date: July 12, 2024
Viewing Direction: Northwest
Description: View showing the car dealership (foreground) and apartment buildings (background) located to the west and southwest of the Site.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 15
Date: July 12, 2024
Viewing Direction: East
Description: View showing the New Orchard Lodge (long-term care home) located to the north of the Site.

Photo No: 16
Date: July 12, 2024
Viewing Direction: Northeast
Description: View showing the backup generator observed to the north of the New Orchard Lodge.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 17
Date: July 12, 2024
Viewing Direction: West
Description: View showing a suspected hydro vault to the west of the site (located south of the 118 New Orchard Avenue North property on the west side of the roadway).

Photo No: 18
Date: July 12, 2024
Viewing Direction: Southwest
Description: View showing the intersection of New Orchard Avenue North and Ambleside Drive to the west of the Site.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 19
Date: July 12, 2024
Viewing Direction: North
Description: View showing a pathway extending north from New Orchard Avenue North towards the Ottawa River and the Kichi Zibi Mikan Parkway.

Photo No: 20
Date: June 11, 2025
Viewing Direction: East
Description: View showing the northern portion of the Site.

Client: Fengate Asset Management	**Site Location**:	1047 Richmond Road, Ottawa, ON	**Project No**: CO972.00

Photo No: 21
Date: June 11, 2025
Viewing Direction: Southeast
Description: View showing the central portion of the Site.

Photo No: 22
Date: June 11, 2025
Viewing Direction: South
Description: View showing the western portion of the Site with the LRT station (under construction) in the background.

APPENDIX XI
PHASE ONE CONCEPTUAL SITE MODEL

PHASE ONE CONCEPTUAL SITE MODEL
1047 RICHMOND ROAD, OTTAWA, ONTARIO

The Phase One Conceptual Site Model (CSM) has been developed based on the findings of the records review, site reconnaissance, and interviews completed to date as described by the foregoing sections of this report.

The Phase One CSM includes the following appended figures:

PHASE ONE CSM FIGURES

Requisite Feature	Figure
i. Show any existing buildings and structures,	Figure 1: Site Location Figure 2: Site Features
ii. Identify and locate water bodies located in whole or in part in the Phase One Study Area,	Figure 1: Site Location (nearest waterbody) Figure 3: Conceptual Site Model – Phase One Study Area
iii. Identify and locate any areas of natural significance located in whole or in part on the Phase One Study Area,	Figure 3: Conceptual Site Model – Phase One Study Area
iv. Locate any drinking water wells at the Phase One Property	Figure 3: Conceptual Site Model – Phase One Study Area
v. Show roads, including names, within the Phase One Study Area,	Figure 3: Conceptual Site Model – Phase One Study Area
vi. Show uses of properties adjacent to the Phase One Property,	Figure 3: Conceptual Site Model – Phase One Study Area
vii. Identify and locate areas where any potentially contaminating activity has occurred, and show tanks in such areas,	Figure 4: Conceptual Site Model – Potentially Contaminating Activities
viii. Identify and locate any areas of potential environmental concern.	Figure 5: Conceptual Site Model – Areas of Potential Environmental Concern

The Phase One CSM comprises the narrative provided in the following table:

PHASE ONE CSM NARRATIVE

Requisite Component	Description & Assessment
i. Areas where potentially contaminating activity on, or potentially affecting the Phase One Property has occurred,	The PCA locations are shown in Figure 4. A total of seven on-Site and 16 off-Site PCAs are deemed to have affected the property, as summarized in Table 2, appended. The PCA locations are shown in Figure 4. A total of seven APECs have been identified associated with the aforementioned on-Site PCAs, as summarised in Table 3 (also appended) and shown on Figure 5.
ii. Any contaminants of potential concern,	As summarized in Table 3 (appended), media beneath the Site are considered to be potentially affected by the following contaminants of potential concern: • Petroleum hydrocarbons including benzene, toluene, ethylbenzene, and xylenes (collectively BTEX) and PHC fractions F1 to F4 (PHC F1-F4) in soil and groundwater;

Requisite Component	Description & Assessment	
	• Metals including hydride forming metal (HFMs) and other regulated parameters (ORPs) in soil and groundwater; • Volatile Organic Compounds (VOCs) in soil and groundwater; and, • Polychlorinated Biphenyls (PCBs) in soil.	
iii. The potential for underground utilities, if present, to affect contaminant distribution and transport,	In general, potential migration pathways for subsurface contaminants at the Site would consist of buried services or remnants of former buried services. Locations of former services are provided in Figure 2.	
iv. Available regional or site specific geological and hydrogeological information.	Site & Regional Topography:	The Site is generally flat. No major topographic features are mapped on the Site. The Phase One Study Area slopes uniformly toward the Ottawa River (located approximately 225 m north of the Site)
	Approximate Site Elevation:	64 m above sea level (asl).
	Surface Water Drainage:	Overland.
	Inferred Groundwater Flow Direction:	Based on the topography and the shallow groundwater flow as an inherently subdued reflection of the topography, shallow regional groundwater flow is anticipated to be to the northwest. However, periodic changes in the local groundwater flow regime may be affected by dewatering operations in the vicinity of the Site associated with construction activities.
	Physiography and Soil Stratigraphy:	Quaternary geology maps describe the Study Area in an area of undifferentiated, predominantly a sandy silt to silt matrix, commonly rich in clasts, often high in total matrix carbonate content. Surficial geology maps describe the Study Area in an area of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Fluvial terraces (former edges of flood plains) oriented similar too the Ottawa River were noted to the northeast and south of the Site. Meltwater channels were noted to the west and south of the Site similarly oriented similar to the Ottawa River. Physiography maps describe the Study Area in an area of limestone plains. Bedrock geology is described as limestone, dolostone, shale, arkose, and sandstone of the Ottawa Group; Simcoe Group; and, Shadow Lake Formation
	Bedrock and Approximate Depth:	Geotechnical boreholes in the vicinity of the Site describe the drift thickness between 0 and 2 m bgs. Previous assessments at the Site are in general agreement with this observation with some limited location specific variability.
	Surface Water:	The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04. The nearest water body is the Ottawa River situated approximately 225 m to the north of the Site
	Area of Natural Significance:	None at, or within 30 m of the Site.

Requisite Component	Description & Assessment	
	Wellhead and Intake Protection Areas:	Wellhead protection areas are not located within the Phase One Property, or within the Phase One Study Area. However, the entire Study Area is located in a intake protection area.
	Municipal Drinking Water System	The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system.
	Well For Consumption/ Agricultural Use:	The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system. Based on this, it is assumed that the water supply wells (generally drilled between 1949 and 1954) are no longer in use.
v. How uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the model.	All areas of the Site were accessible during the Site inspection. Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review and interview components. This includes Phase One ESA work done by Golder in 2021, for which some of the historical records were collected. The findings of this Phase One ESA are in generally agreement with the Phase One ESA work conducted by Golder in 2021. Notwithstanding the above, it should be noted that Phase One ESAs have inherent limitations, and therefore findings cannot be considered definitive (i.e., the findings of a Phase One ESA are inherently associated with some uncertainty).	

The following table describes the rationale pertaining to any applicable reliance on exemptions provided by Paragraphs 1, 1.1, 2 and 3 of Section 49.1 of O. Reg. 153/04.

RELIANCE ON EXEMPTIONS

Exemption(s) Circumstances	Rationale
(1.) Substance(s) applied to surfaces for safety of vehicular or pedestrian traffic under conditions of snow or ice or both.	Relied upon.
(1.1) Excess soil deposited at the property for final placement meets the soil quality standards that apply to the property as determined in accordance with the Excess Soil Standards.	Not relied upon.
(2.) There has been a discharge of drinking water within the meaning of the Safe Drinking Water Act, 2002.	Not relied upon.
(3.) Applicable site condition standard deemed not exceeded if the concentrations do not exceed the naturally occurring range of concentrations typically found within the vicinity of the Site.	Not relied upon

The CSM is based on the following Phase One ESA summary information:

Terrapex was retained by Fengate Asset Management (Fengate) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client is considering redeveloping the Site to a more sensitive property-use (mixed residential and commercial use from commercial use) which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

The date of the last work on the records review, interviews, and site reconnaissance required for the Phase One ESA (per Section 28 (1) (a) of O. Reg. 153/04) is June 11, 2025, the date of the most recent Site Reconnaissance visit.

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One study area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

At the time of inspection, the Site was a vacant property with no structures. It was accessible from Richmond Road.

The current registered owner of the Site is 1047 Richmond Nominee Inc., which has owned the property since 2022. The earliest commercial listing for the Site was in 1958 (Northern Garage and Holdings Limited) and subsequently Chrysler Corporation of Canada (Parkway Chrysler Ltd) between 1959 and 1982, when it was transferred to a numbered Ontario company (Marinter Ontario Ltd.); and, in 1990 was transferred to Rimosa Investments Limited to which Chrysler Canada Ltd. was a lessee in 1998.

Based on the aforementioned, the Site was used for commercial-use (auto sales and service, including a body shop) between 1959 until 2022.

Following the completion of the preliminary records review, Terrapex determined the following:

- Due to the former use of the Site for new and used car sales including a garage and autobody shop, the Site is determined to be an enhanced investigation property.
- The Phase One Study Area consists of the Site and properties generally located wholly or partly within 250 m from the nearest point on a boundary of the Site. It need not include any properties beyond this distance.
- Based on the above, the property is known to have been used for a PCA as early as 1959.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, seven potentially contaminating activities (PCAs), as listed in Table 2 of Schedule D of O. Reg. 153/04, or as determined by the QP, were identified within the Site resulting in seven areas of potential environmental concern (APECs). A further 16 PCAs were identified within the Phase One Study Area, none of which resulted in an APEC at the Site.

Based on the findings and results of the Phase One ESA, it has been concluded that an RSC could not be filed for the Site based solely on the results of this Phase One ESA. A Phase Two ESA is required in order to meet the conditions required to file a RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.

APPENDIX XII
QUALIFICATION OF THE ASSESSORS

KEITH BROWN, P.Eng., QP_{ESA}

Position: Senior Project Manager, Ottawa Office

Qualifications: B.Sc. (Eng) Environmental

Experience:

Terrapex Environmental Ltd.	2003 to present
Terrapex Environnement Ltée.	2000 to 2003
Regional Municipality of Ottawa – Carleton	May to Sep. 1999

Mr. Brown is a senior project manager responsible for supervising site assessments, and remediations for various residential, commercial and petroleum clients. Mr. Brown has conducted numerous Phase I/One Environmental Site Assessments (ESA), including historical research, site inspection and report preparation. Mr. Brown has extensive experience in Phase II/Two ESAs, small- and large-scale site remediations (both in-situ and ex-situ), environmental monitoring programs for sites impacted with petroleum, VOCs, PAHs and/or heavy metals, air sampling, peer reviews, and data interpretation. Mr. Brown is registered with the Ontario Ministry of the Environment, Conservation and Parks (MECP) as a Qualified Person (QP) for undertaking Environmental Site Assessment activities and certifying Records of Site Condition (RSC). He also provides senior technical review on all reports/correspondence issued for his projects. More recently, Mr. Brown has assumed a supervisor role responsible for personnel management, and quality control. His major clients have included Parkland Corp., Valero Energy Inc., Canadian Tire, Tim Hortons, and Minto Properties Inc.

Representative projects include the following:

Parkland Corp. Account Manager and Senior Technical Reviewer. Since 2013, Mr. Brown has been responsible for assigning work requests in Ontario. This includes managing projects (administering budgets, allocating technical resources, arranging subcontractors, and adhering to schedules), regular client updates; conducting data review/analysis; preparing ESA and remediation workplans and budget estimates; data interpretation, overall QA/QC of correspondence and reports, reviewing invoices and liaising with the public and regulatory agencies if required.

Valero Energy Inc. Account Manager and Senior Technical Reviewer. Since 2019, responsible for overseeing compliance sampling, site assessments and site investigations, overall QA/QC of correspondence and reports, and liaising with regulatory agencies if required.

Project Manager, Senior Technical Reviewer and QP for a project to complete a risk assessment and obtain a Record of Site Condition (RSC) of a petroleum hydrocarbon impacted site in Ottawa. This project included a data gap analyses, completion of a Phase One and Two ESA, supplemental investigations to assess soil vapour and sub-slab soil vapour conditions, development of a conceptual site model, preparation of a human health and ecological risk assessment, liaison with the MECP and other stakeholders.

Project Manager, Senior Technical Reviewer and QP for the completion of a multi-stage Phase Two ESA as part of the proposed development of a bulk fuel. Mr. Brown reviewed the previously completed Phase One ESA to identify any data gaps, developed the sampling and analysis plan to assess all the areas of potential environmental concern (APECs) for the identified contaminants of concern (COCs), directed the assessment work, reviewed the analytical results, developed the conceptual site model (CSM) and had overall responsibility for the Phase Two ESA in accordance with the requirements of O. Reg. 153/04.

Project Manager, Senior Technical Reviewer for a remediation project that included the excavation around the perimeter of two adjacent residences to expose the foundation and to allow for removal of a waterproofing membrane previously applied by others that was linked to chemical odours in the residences. It was further determined that during application the waterproofing product had been diluted with a xylene-based solved. The former waterproofing membrane was removed and necessary remediation was conducted, including excavation beneath the footing of one of the residences to excavate contaminated soil. In total 412.12 tonnes of soil and 3,620 L of water was pumped from the excavation as part of the remediation. Terrapex also assist with monitoring vapour concentrations inside the residences over the course of the project (indoor air sampling was conducted by another consultant).

JASON O'BRIGHT, P.Eng.

Position:	Project Engineer, Smithers, BC	
Qualifications:	Professional Engineers of Ontario (PEO) Engineers and Geoscientists British Columbia (EGBC)	
Experience:	Terrapex Environmental Ltd.	2009 to present
	DST Consulting Engineers Inc.	2009

Mr. O'Bright has experience working on all stages of environmental site assessment (ESA) and remediation projects. He is a *Qualified Person* who can file RSCs on the MECP's Brownfields Environmental Site Registry using numerical standards and is Terrapex's *Responsible Registrant* for Professional Practice in British Columbia.

Mr. O'Bright is routinely conducting Phase One and Two ESAs in accordance with the CSA and O.Reg 153/04 standards, including historical records reviews, interviews, site inspections, evaluations and reporting; planning and undertaking detailed site investigations (to develop conceptual site models that fully characterize impacts); evaluating closure objectives and remedial options; supervising small and large scale site remediations (both in-situ and ex-situ) and/or implementing environmental monitoring programs based on project targets and regulatory requirements.

Mr. O'Bright also peer reviews site assessment and remediation work conducted by others.

Representative projects include the following:

Phase One ESA: Mr. O'Bright was responsible for historical research and review, interviews, site inspection, and report preparation in accordance with the requirements of Ontario Regulation (O. Reg.) 153/04 (as amended) under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*, in order to: determine potential sources of environmental impact; identify contaminants and media in areas of potential environmental concern; and, develop a conceptual site model (CSM) for the site.

Phase Two ESA: Based on a Phase One CSM developed for the site, the initial investigation consisted of drilling boreholes and installing monitoring wells, soil sampling, soil vapour surveying, elevation surveying, and groundwater monitoring and sampling (including from the existing monitoring well network). Based on the monitoring data and analytical results from the initial investigation, additional boreholes were drilled (some completed as monitoring wells or soil vapour probes) to fully delineate identified soil and groundwater impacts at the site. Soil vapour and indoor air samples were also collected. Mr. O'Bright completed the work program and reported the findings of the Phase Two in accordance with O.Reg 153/04. The Phase Two CSM was used as the basis for a Risk Assessment at the site to file a Record of Site Condition with a Certificate of Property Use (CPU).

Designated Substance Survey: Mr. O'Bright completed an inspection, sampling various building materials suspected of containing asbestos, lead, mercury and/or other designated substances as listed in the Ontario Occupational Health and Safety Act (R.S.O. 1990,c.E.19). Mr. O'Bright prepared specifications for contractors in terms of the abatement required to address the identified asbestos- and lead-containing materials during the building demolition.

Assessment and Remediation of Hydrocarbon Impacted Soil: Mr. O'Bright conducted an extensive test pit program to delineate the extent of previously identified hydrocarbon impacted soil at the site, which involved soil sampling, soil vapour surveying, and soil classification. Based on a review of analytical results, Mr. O'Bright determined that there were three distinct zones of impact and estimated total volumes of impacted soil. Mr. O'Bright supervised the excavation of impacted soil and collected confirmatory soil samples at the extent of the excavations. Completed excavations were backfilled with soil deemed suitable for re-use (based on analytical results) and imported fill. Impacted soil was sent off-site to a MECP-licensed facility.

Assessment and Ongoing Groundwater Remediation: As part of an on-going contaminant management plan where the groundwater plume was delineated but was not decreasing in concentration and impacted soil identified could not be removed due to geotechnical limitations. Mr. O'Bright supervised the injection of a chemical oxidant into identified soil impacts in both the saturated and unsaturated zones. Mr. O'Bright conducted several pre- and post-injection groundwater monitoring and sampling events and interpreted several years of monitoring and analytical data. Mr. O'Bright presented a historical trend analysis showing that the oxidant injections have been effective in reducing the groundwater plume concentration.

Peer Review: Mr. O'Bright reviewed affidavits documenting a heating oil loss and the subsequent remedial effort conducted by others. Mr. O'Bright summarized the environmental reports and tabulated the associated costs and presented the summaries in figures, tables, and charts in support of expert witness testimony.