

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Regional Manager/Real Property
Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario**

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Surveying Transport Canada Lands	
Solicitation No. - N° de l'invitation EQ754-152162/A	Date 2015-05-14
Client Reference No. - N° de référence du client R.067842.004	
GETS Reference No. - N° de référence de SEAG PW-\$PWL-034-2012	
File No. - N° de dossier PWL-4-37159 (034)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-06-04	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Somaratna, Chinthaka	Buyer Id - Id de l'acheteur pwl034
Telephone No. - N° de téléphone (416) 512-5268 ()	FAX No. - N° de FAX (416) 512-5862
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC-TPSGC Transport Canada Lands - North of Queen Elizabeth Way Niagara Region Ontario	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

**Regional Manager/Real Property Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario**

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

REQUEST FOR PROPOSAL (RFP)

SURVEYING
TRANSPORT CANADA LANDS
NORTH OF QUEEN ELIZABETH WAY
NIAGARA REGION, ONTARIO

SOLICITATION NO.: EQ754-152162/A
PROJECT NO.: R.067842.004

PWGSC Contracting Authority:

Chinthaka Somaratna
4900 Yonge Street
Toronto, Ontario – M2N 6A6
Telephone: 416 512-5268
Fax: 416 512-5862
E-mail: chinthaka.somaratna@pwgsc-tpsgc.gc.ca

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PART 1 - GENERAL INFORMATION

1.1 Statement of Work

The Work to be performed is detailed under Article 6.2 of the resulting contract clauses.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 Trade Agreements

The requirement is limited to Canadian goods and/or services.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2014-09-25) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

"Subsections 04 and 05 of Section 01 Integrity Provisions - Bid of the Standard Instructions (2003) incorporated by reference above are deleted in their entirety and replaced with the following:

4. Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner, at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA). These bidders must diligently inform Canada in writing of any changes affecting the list of directors during this procurement process as well as during the contract period.
5. Canada may, at any time, request that a bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) for any or all individuals mentioned above within a specified time frame. Failure to provide such consent forms and associated information within the time frame provided, or failure to cooperate to the verification process, will result in the bid being declared non-responsive."

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the *Financial Administration Act*, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the *Public Service Superannuation Act* (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the *Supplementary Retirement Benefits Act*, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the *Canadian Forces Superannuation Act*, R.S., 1985, c. C-17, the *Defence Services Pension Continuation Act*, 1970, c. D-3, the *Royal Canadian Mounted Police Pension Continuation Act*, 1970, c. R-10, and the *Royal Canadian Mounted Police Superannuation Act*, R.S., 1985, c. R-11, the *Members of Parliament Retiring Allowances Act*, R.S. 1985, c. M-5, and that portion of pension payable to the *Canada Pension Plan Act*, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;

- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

- Section I: Technical Bid (4 Hard copies)
- Section II: Financial Bid (1 Hard copy)
- Section III: Certifications (1 Hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Bidders must comply with the following three mandatory technical evaluation criteria and provide necessary documentation for each to support compliance at bid closing. If the copy(s) is not provided at the bid closing, it must be provided within 2 days of request by the Contracting Authority. Any bid which fails to meet the following mandatory technical criteria will be declared non-responsive. Each criterion should be addressed separately.

At bid closing time, the Bidder must comply with the following mandatory technical criteria and provide the necessary documentation to support compliance. Any bid which fails to meet the following mandatory technical criteria will be declared non-responsive. Each criterion should be addressed separately.

- a) The Bidder must clearly identify the Signatory Ontario Land Surveyor(s) in his/her proposal;
- b) The Signatory Ontario Land Surveyor(s) must be a cadastral member(s) in good standing of the Association of Ontario Land Surveyors (AOLS) and must provide individual AOLS certifications.

-
- c) The firm must have and provide a valid Certificate of Authorization to conduct cadastral surveys within the Province of Ontario and be certified by the AOLS.

4.1.1.2 Point Rated Technical Criteria

The technical bid should clearly address and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bid by identifying the specific paragraph and page number where the subject topic has already been addressed.

a) Firm's skills/experience

The Bidder should demonstrate that its firm has relevant and recent land surveying experience for the type of services specified in the Statement of Work and sound knowledge of the land where this requirement is located. Recent experience means projects that have been completed and delivered since April 1, 2010.

Examples of information to be provided

- Size of the firm
- Demonstrate that firm's qualifications cover all the required functions and specialties
- Commitment to provide skilled and experienced personnel
- Demonstrated sufficient resources to meet the deadlines in the work plan
- Capacity to dedicate additional resources, as required

With respect to experience with **similar completed large scale boundary survey projects**, the Bidder should provide a list with a **maximum** of two comparable projects carried out by the firm or its subcontractors and that included field surveys, research, property analysis, the preparation of plans and cadastral operations. **The firm should provide the following information about these projects:**

- A brief description specifying the standard used for the creation and delivery of digital files as well as the type of Computer Aided Design and Drafting (CAD) software used
- Year completed
- The firm's cost of service
- A references letter from the Bidders previous client

The scope of services is intended to assess the firm's skill and capacity to deliver the required services.

b) Understanding of the project

The Bidder should demonstrate understanding of the goals of the project, the functional and technical requirements, the constraints and aspects that will shape the final result, the choice of resources and the manner in which services will be provided.

Examples of information to be provided

- Functional and technical requirements

- Major issues, challenges and constraints
- The extent of the land to be surveyed and its specific features
- Project schedule and cost. Review schedule and cost information and assess risk management elements that may affect the project

c) Scope of services

The Bidder should demonstrate its ability to perform the services, meet project challenges and provide a plan of action. The ability of the firm to provide all the services within the time frame should be clearly demonstrated.

Examples of information to be provided

- Extent of services – detailed list of services
- Detailed description of tasks and deliverables (Work Plan)
- Project timetable – proposed timetable for the delivery of principal services with established Plan phases
- Risk Management strategy

d) Management of services

The Bidder should describe the following: how services will be managed to ensure continuing and consistent control as well as production and communication efficiency, the team's structure, the role and responsibilities of key personnel, the allocation of resources and how the team will be managed.

Examples of information to be provided

- Confirm the establishment of the full project team, listing the names of all members and their roles in the project, including the names of consultants, sub-consultants and specialist personnel and their role on the project
- Team organization and management (reporting relationships)
- Organizational chart with position titles and names
- What back-up will be committed, where required
- Profiles of the key positions (special assignments and responsibilities)
- Outline of an action plan for service, with implementation strategies and the sequence of key activities
- Communication strategies
- Response time – demonstrate how response time requirements will be met
- Describe the method for monitoring the services offered (quality, costs and timetable).

4.1.1.3 Technical Rating

The Evaluation Board will evaluate the criteria of paragraph 4.1.1.2 above in accordance to the weighting described below to establish the Technical Ratings:

Criterion	Weight Factor	Rating	Weighted Rating
4.1.1.2 a) FIRM'S SKILLS/EXPERIENCE			
i. Skill and experience overall	1.5	0-10	0-15
ii. Experience of similar projects completed	1.0	0-10	0-10
iii. Extent of resources from the firm	1.0	0-10	0-10
4.1.1.2 b) UNDERSTANDING OF THE PROJECT			

i. Objectives and requirements of the project	1.0	0-10	0-10
ii. Difficulties and/or special constraints	1.0	0-10	0-10
4.1.1.2 c) SCOPE OF SERVICES			
i. Services offered	0.5	0-10	0-5
ii. Work plan	1.0	0-10	0-10
4.1.1.2 d) MANAGEMENT OF SERVICES			
i. Organization and management of the team	1.5	0-10	0-15
ii. Control methods : quality, cost, schedule	1.5	0-10	0-15
TECHNICAL RATING	10		0-100

Generic Evaluation Table

The Evaluation Board members will evaluate the strengths and weaknesses of the Bidder's response to the evaluation criteria using the relevant elements of the evaluation table to each criterion being assessed. They will assign a rating of 0, 2, 4, 6, 8 or 10 points for each evaluation criterion using the generic evaluation table below:

NON RESPONSIVE	INADEQUATE	WEAK	ADEQUATE	FULLY SATISFACTORY	STRONG
0 POINTS	2 POINTS	4 POINTS	6 POINTS	8 POINTS	10 POINTS
Did not submit information which could be evaluated or erroneous information	Lacks complete or almost complete understanding of the requirements.	Has some understanding of the requirements but lacks adequate understanding in some areas of the requirements.	Demonstrates a good understanding of the requirements.	Demonstrates a very good understanding of the requirements.	Demonstrates expert understanding of the requirements.
	Weaknesses cannot be corrected	Generally doubtful that weaknesses can be corrected	Weaknesses can be easily corrected	No significant weaknesses	No apparent weaknesses
	Bidder and/or the candidate lacks qualifications and experience	Bidder and/or the candidate does not have minimum qualifications and experience	Bidder and/or the candidate has minimum qualifications and experience	Bidder and/or the candidate is qualified and experienced	Bidder and/or the candidate is highly qualified and experienced
	Sample projects not related to this project's needs	Sample projects generally not related to this project's needs	Sample projects generally related to this project's needs	Sample projects directly related to this project's needs	Sample projects very related or almost identical to this project's needs
	Extremely poor, insufficient to meet performance requirements	Little capability to meet performance requirements	Minimum acceptable capability, should meet minimum performance	Satisfactory capability, should ensure effective results	Superior capability, should ensure very effective results

To be considered further, Bidders **must** achieve a minimum Technical Rating of seventy (70) points out of the hundred (100) points available as specified above.

No further consideration will be given to Bidders not achieving the pass mark of seventy (70) points.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in accordance with Annex B, Basis of Payment, in Canadian dollars, Applicable Taxes excluded, Free on Board (FOB) destination, Canadian customs duties and excise taxes included.

The evaluated price will be determined as follows: the aggregate of the Firm Lot Prices for Milestones 1 through 7.

4.2 Basis of Selection

4.2.1 Basis of Selection – Minimum Point Rating

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation; and
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum of 70 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 70 points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

5.1.1 Integrity Provisions - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

5.1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's website](#).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

5.1.3 Additional Certifications Precedent to Contract Award

5.1.3.1 Canadian Content Certification

This procurement is limited to Canadian services.

The Bidder certifies that:

() the service offered is a Canadian service as defined in paragraph 2 of clause [A3050T](#).

5.1.3.1.1 SACC Manual clause A3050T (2014-11-27) Canadian Content Definition

1. **Canadian good:** A good wholly manufactured or originating in Canada is considered a Canadian good. A product containing imported components may also be considered Canadian for the purpose of this policy when it has undergone sufficient change in Canada, in a manner that satisfies the definition specified under the [North American Free Trade Agreement](#) (NAFTA) Rules of Origin. For the purposes of this determination, the reference in the NAFTA Rules of Origin to "territory" is to be replaced with "Canada". (Consult [Annex 3.6](#) (9) of the *Supply Manual*.)
2. **Canadian service:** A service provided by an individual based in Canada is considered a Canadian service. Where a requirement consists of only one service, which is being provided by more than one individual, the service will be considered Canadian if a minimum of 80 percent of the total bid price for the service is provided by individuals based in Canada.
3. **Variety of goods:** When requirements consist of more than one good, one of the two methods below is applied:
 - a. aggregate evaluation: no less than 80 percent of the total bid price must consist of Canadian goods; or,
 - b. item by item evaluation: in some cases, the bid evaluation may be conducted on an item-by-item basis and contracts may be awarded to more than one supplier. In these cases, suppliers will be asked to identify separately each item that meets the definition of Canadian goods.
4. **Variety of services:** For requirements consisting of more than one service, a minimum of 80 percent of the total bid price must be provided by individuals based in Canada.
5. **Mix of goods and services:** When requirements consist of a mix of goods and services, no less than 80 percent of the total bid price must consist of Canadian goods and services (as defined above).

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult [Annex 3.6](#) (9), Example 2, of the *Supply Manual*.

6. **Other Canadian goods and services:** Textiles: Textiles are considered to be Canadian goods according to a modified rule of origin, copies of which are available from the Clothing and Textiles Division, Commercial and Consumer Products Directorate.

5.1.3.2 Status and Availability of Resources

The Bidder certifies that, should it be awarded a contract as a result of the bid solicitation, every individual proposed in its bid will be available to perform the Work as required by Canada's representatives and at the time specified in the bid solicitation or agreed to with Canada's representatives. If for reasons beyond its control, the Bidder is unable to provide the services of an individual named in its bid, the Bidder may propose a substitute with similar qualifications and experience. The Bidder must advise the Contracting Authority of the reason for the substitution and provide the name, qualifications and experience of the proposed replacement. For the purposes of this clause, only the following reasons will be considered as beyond the control of the Bidder: death, sickness, maternity and parental leave, retirement, resignation, dismissal for cause or termination of an agreement for default.

If the Bidder has proposed any individual who is not an employee of the Bidder, the Bidder certifies that it has the permission from that individual to propose his/her services in relation to the Work to be performed and to submit his/her résumé to Canada. The Bidder must, upon request from the Contracting Authority, provide a written confirmation, signed by the individual, of the permission given to the Bidder and of his/her availability. Failure to comply with the request may result in the bid being declared non-responsive.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

- 6.1.1 There is no security requirement applicable to this Contract.

6.2 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work within **Annex "A"**.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010B (2014-09-25), General Conditions - Professional Services (Medium Complexity) apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to March 31st, 2016 inclusive.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Chinthaka Somaratna
Public Works and Government Services Canada
Ontario Region Acquisitions and Compensation Branch
12th Floor, 4900 Yonge Street
Toronto, Ontario, Canada, M2N 6A6

Telephone: (416) 512-5268
Facsimile: (416) 512-5862
E-mail address: chinthaka.somaratna@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Technical Authority

The Technical Authority for the Contract is: *(to be completed at Contract award)*:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____-____-____
Facsimile: ____-____-____
E-mail: _____

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

The Contractor's Representative for the Contract is: *(to be completed by the Bidder)*:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____-____-____
Facsimile: ____-____-____
E-mail: _____
PBN: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the Financial Administration Act, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the Public Service Superannuation Act (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the Supplementary Retirement Benefits Act, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the Canadian Forces Superannuation Act, R.S., 1985, c. C-17, the Defence Services Pension Continuation Act, 1970, c. D-3, the Royal Canadian Mounted Police Pension Continuation Act, 1970, c. R-10, and the Royal Canadian Mounted Police Superannuation Act, R.S., 1985, c. R-11, the Members of Parliament Retiring Allowances Act, R.S. 1985, c. M-5, and that portion of pension payable to the Canada Pension Plan Act, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

-
- a. name of former public servant;
 - b. conditions of the lump sum payment incentive;
 - c. date of termination of employment;
 - d. amount of lump sum payment;
 - e. rate of pay on which lump sum payment is based;
 - f. period of lump sum payment including start date, end date and number of weeks;
 - g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

6.7 Payment

6.7.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid *firm lot price(s), as specified in Annex "B" for a cost of \$ _____*. Customs duties are *included* and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.7.2 Milestone Payments

1. Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract, up to 85% percent of the amount claimed and approved by Canada if:
 - a. an accurate and complete claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
 - b. the total amount for all milestone payments paid by Canada does not exceed 85% percent of the total amount to be paid under the Contract;
 - c. all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
 - d. all work associated with the milestone and as applicable any deliverable required have been completed and accepted by Canada.
2. The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of the item if the Work has been accepted by Canada and a final claim for the payment is submitted.

6.7.3 Schedule of Milestones

The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

Milestone (Plan Phase) No.	Deliverable	Delivery Date	Firm Lot Price(s) (to be completed at Contract award)
1	Refer to Annex A (SOW) Section 3.1	Refer to Annex A (SOW) Section 7.1 & 8.2	
2	Refer to Annex A (SOW) Section 3.2	Refer to Annex A (SOW) Section 7.2 & 8.2	
3	Refer to Annex A (SOW) Section 3.3	Refer to Annex A (SOW) Section 7.3 & 8.2	
4	Refer to Annex A (SOW) Section 3.4	Refer to Annex A (SOW) Section 7.4 & 8.2	
5	Refer to Annex A (SOW) Section 3.5	Refer to Annex A (SOW) Section 7.5 & 8.2	
6	Refer to Annex A (SOW) Section 3.6	Refer to Annex A (SOW) Section 7.6 & 8.2	
7	Refer to Annex A (SOW) Section 3.7	Refer to Annex A (SOW) Section 7.7 & 8.2	

6.7.3 SACC Manual Clause

SACC Manual clause A9117C (2007-11-30) T1204 – Direct Request by Customer Department

6.8 Invoicing Instructions – Progress Payment Claim

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment. Each claim must show:
 - a. all information required on form PWGSC-TPSGC 1111;
 - b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
 - c. the description and value of the milestone claimed as detailed in the Contract.
2. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments.
3. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.
The Technical Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.
4. The Contractor must not submit claims until all work identified in the claim is completed.

6.9 Certifications

6.9.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9.2 SACC Manual Clauses

6.9.2.1 Canadian Content Certification

1. The Contractor warrants that the certification of Canadian Content submitted by the Contractor is accurate and complete, and that the goods, services or both to be provided under the Contract are in accordance with the definition contained in clause A3050T.
2. The Contractor must keep proper records and documentation relating to the origin of the goods, services or both provided to Canada. The Contractor must not, without obtaining before the written consent of the Contracting Authority, dispose of any such records or documentation until the expiration of six (6) years after final payment under the Contract, or until settlement of all outstanding claims and disputes under the Contract, whichever is later. All such records and documentation must at all times during the retention period be open to audit, inspection and examination by the representatives of Canada, who may make copies and take extracts. The Contractor must provide all facilities for such audits, inspections and examinations, and must furnish all such information as the representatives of Canada may from time to time require with respect to such records and documentation.
3. Nothing in this clause must be interpreted as limiting the rights and remedies which Canada may otherwise have pursuant to the Contract.

6.10 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

6.11 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list:

- (a) the Articles of Agreement;
- (b) the general conditions 2010B, 2014-09-25 General Conditions – Professional Services (Medium Complexity);
- (c) Annex A, Statement of Work;
- (d) Annex B, Basis of Payment; and
- (e) the Contractor's bid dated _____ (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award: “, as clarified on _____” or “, as amended on _____” and insert date(s) of clarification(s) or amendment(s)*)

Solicitation No. - N° de l'invitation
EQ754-152162/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
PWL034

Client Ref. No. - N° de réf. du client
R.067842.004

File No. - N° du dossier
PWL-4-37159

CCC No./N° CCC - FMS No./N° VME

6.12 Insurance

SACC Manual clause G1005C (2008-05-12) Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

Solicitation No. - N° de l'invitation
EQ754-152162/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
PWL034

Client Ref. No. - N° de réf. du client
R.067842.004

File No. - N° du dossier
PWL-4-37159

CCC No./N° CCC - FMS No./N° VME

ANNEX "A"
STATEMENT OF WORK

ANNEX "B"

BASIS OF PAYMENT

Firm Lot Prices for ALL LINE ITEMS are ALL INCLUSIVE, in Canadian funds. No additional payments, for example fees or disbursements, will be permitted.

The Contractor must perform all the services described in the Statement of Work in Annex "A" at the following Firm Lot prices:

The work (Plan Phases 1 to 7) must be performed within a period of twenty (20) weeks from contract award.

Milestone No. Plan Phase	Deliverable	Delivery Date (number of weeks from Contract Award)	Firm Lot price(s)
1	Refer to Annex A (SOW) Section 3.1	Refer to Annex A (SOW) Section 7.1 & 8.2	\$ _____
2	Refer to Annex A (SOW) Section 3.2	Refer to Annex A (SOW) Section 7.2 & 8.2	\$ _____
3	Refer to Annex A (SOW) Section 3.3	Refer to Annex A (SOW) Section 7.3 & 8.2	\$ _____
4	Refer to Annex A (SOW) Section 3.4	Refer to Annex A (SOW) Section 7.4 & 8.2	\$ _____
5	Refer to Annex A (SOW) Section 3.5	Refer to Annex A (SOW) Section 7.5 & 8.2	\$ _____
6	Refer to Annex A (SOW) Section 3.6	Refer to Annex A (SOW) Section 7.6 & 8.2	\$ _____
7	Refer to Annex A (SOW) Section 3.7	Refer to Annex A (SOW) Section 7.7 & 8.2	\$ _____
Total Firm Price(Taxes Extra)			

ANNEX A

STATEMENT OF WORK

SURVEYING – TRANSPORT CANADA LANDS - NIAGARA NORTH OF QUEEN ELIZABETH WAY

RESEARCH SURVEY AND TITLE REPORTS DESCRIPTION REFERENCE PLAN SURVEYS

Prepared by:
Public Works and
Government Services Canada
Professional and Technical Services
Geomatics Services
Ontario Region

April 2, 2015

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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA (PWGSC)
STATEMENT OF WORK
SURVEYING – TRANSPORT CANADA LANDS – NIAGARA
NORTH OF QUEEN ELIZABETH WAY

1. GENERAL

1.1 Summary description of work

The Department of Transport Canada (TC) would like to obtain a series of boundary surveys for parcels that are under the custodianship of TC in the Niagara area. The Department of Transport Canada owns lands which are managed by the St. Lawrence Seaway Management Corporation (SLSMC).

This project includes cadastral surveying work required in order to establish the limits of certain TC lands in the Niagara area. These lands include approximately 730 hectares of land area and 541 hectares of water lot. The lands and water lot are located immediately east of the working Welland Canal running from Lake Ontario to the Queen Elizabeth Way.

More detailed instructions and specifications on the scope of work and deliverables are set out in subsequent sections.

1.2 Purpose

To provide Transport Canada with an up-to-date report on extent and quality of ownership of certain St. Lawrence Seaway lands located in the City of St. Catharines and the Town of Niagara-on-the-Lake. The report is to include the results of a search of the local Registry Office records, field surveys and the preparation of Reference Plans of Survey. The survey must also include a limited amount of Topographic information as described in Section 3.

2. PROJECT PLAN PHASES

This project is divided into 7 surveys culminating in Reference Plans.

The objective of Plan Phase is to prepare draft Reference Plans and Surveyor's written reports and provide the necessary survey documents required for review by the Technical Authority in consultation with Transport Canada and St. Lawrence Seaway Management Corporation.

PLAN PHASE 1: MARINA ADJACENT TO THE PORT WELLER CANAL ENTRANCE

PLAN PHASE 2: WATER LOT IN LAKE ONTARIO

PLAN PHASE 3: WATER BOUNDARY OF LAKE ONTARIO TO THE NORTH LIMIT OF LAKESHORE ROAD

PLAN PHASE 4: NORTH LIMIT OF LAKESHORE ROAD TO THE SOUTH LIMIT OF CHURCH ROAD

PLAN PHASE 5: SOUTH LIMIT OF CHURCH ROAD TO THE NORTH LIMIT OF CARLTON STREET

PLAN PHASE 6: NORTH LIMIT OF CARLTON STREET TO THE NORTH LIMIT OF NIAGARA STONE ROAD

PLAN PHASE 7: NORTH LIMIT OF NIAGARA STONE ROAD TO THE NORTH LIMIT OF THE QUEEN ELIZABETH WAY

The work to be carried out and the documents to produce for each of these steps are detailed in the following sections.

3. WORK TO BE PERFORMED AND DELIVERABLES

3.1 PLAN PHASE 1: MARINA ADJACENT TO THE PORT WELLER CANAL ENTRANCE

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-1) which highlights the area of the St. Lawrence Seaway property covered by Plan 1, which is to be surveyed and reported on:

1. Establish the west limit of the parcel by surveying the physical limits of the Road known as the Seaway Haulage Road, and setting a distance of 15.0 metres from the centreline as surveyed for that component of the Road servicing the Port area, and 10.0 metres from the centreline north of that area to the north limit of Plan 1. Tie in any other physical elements on this east side of the centreline of Seaway Haulage Road which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.). Buildings and fences within 5 metres of this established west limit must also be located.
2. The north limit of Plan 1 will be dependent on the physical elements which will define the limit of the current lease for this area. The survey will need to locate any fences in this area, along with any other physical features such as the limit of the parking lot (curbing, ditches, and any other features associated with the drainage for this area)
3. Confirm the east limit of Land Registry Office Property Identifier Number (PIN) 46300-0668 Land Titles (LT) relative to the shoreline along the east limit of the parcel, as well as the west limit of Broadway.
4. Locate the fence line and gate that separates the northern portion of the area occupied by the Marina from the southern portion.
5. Survey the physical limits of the Road which is known locally as the extension of Broadway. As was the case for the Road along the western limit of the parcel, the survey must include the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
6. Locate the parking lot on the subject property lying to the west of Broadway, as well as the path leading to the beach.
7. The south limit of the parcel is the north limit of Registered Plan 30M-164, and the north limit of Lot 35, Corporation Plan No. 5. The survey must include the location of the Hydro line in this area, along with any visible physical features and services (driveways, the curved extension of the walkway from the subdivision to the south, drainage ditches, manholes, catch basins, Pole lines, Bell boxes, water valves, etc.).
8. This Plan consists of Part of PIN 46300-0668(LT)
9. The electronic Computer Aided Design and Drafting (CAD) file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

3.2 PLAN PHASE 2: WATER LOT IN LAKE ONTARIO

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-2) which highlights the area of the St. Lawrence Seaway property covered by Plan 2, which is to be surveyed and reported on:

1. Water boundary of Lake Ontario is the south limit of the Water lot, as described by Part 1 on Plan LR-68 (refer to copy of this plan attached within the Appendices). The re-establishment of this

limit will require further research with the Crown Lands section of the Ministry of Natural Resources, Ontario (MNR).

2. The north and east boundaries of Plan 2 are defined by the north and east limits of Part 1 on Plan LR-68.
3. The west limit of Plan 2 is the northerly extension of the centreline of Read Road.
4. Locate any encroachments into the water. (ie. Docks, seawalls etc.)
5. Currently the area covered by Plan 2 does not have a PIN associated with it.

3.3 PLAN PHASE 3: WATER BOUNDARY OF LAKE ONTARIO TO THE NORTH LIMIT OF LAKESHORE ROAD

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-3) which highlights the area of the St. Lawrence Seaway property covered by Plan 3, which is to be surveyed and reported on:

1. Water boundary of Lake Ontario is the south limit of the Water lot, as described by Part 1 on Plan LR-68 (refer to copy of this plan attached within the Appendices). The re-establishment of this limit will require further research with the Crown Lands section of MNR.
2. The east and west limits of Plan 3 are the east and west limits of PIN 46364-0058(LT).
3. The survey must include a separate Part for the legal limits of the Road Allowance between Lots 6 and 7 Concession 1 (known as Stewart Road), located wholly within PIN 46364-0058(LT), as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
4. The south limit of Plan 3 is the north limit of Lakeshore Road as described by Boundaries Act Plan BA-176, Unit 2 and Part of Unit 1.
5. This Plan is comprised of all of PIN 46364-0058(LT). Buildings and fences within 5 metres of the established limits must be located.
6. The electronic CAD file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

3.4 PLAN PHASE 4: NORTH LIMIT OF LAKESHORE ROAD TO THE SOUTH LIMIT OF CHURCH ROAD

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-4) which highlights the area of the St. Lawrence Seaway property covered by Plan 4, which is to be surveyed and reported on:

1. The survey must include separate Parts for that portion of Lakeshore Road described by PIN 46364-0055(LT) confirmed by Boundaries Act Plan BA-176, Unit 2, and part of PIN 46364-0056(LT) confirmed by Boundaries Act Plan BA-176, Unit 1 bounded on the west by PIN 4634-0055(LT) and on the east by the Northerly production of the limit between Lots 74 and 78, Corporation Plan 5. Buildings and fences within 5 metres of the established limits must be located.

2. The survey must include a separate Part for the legal limits of the Road Allowance between Lots 6 and 7, Concession 2 (known as Stewart Road), located wholly within PIN 46363-0042(LT), as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
3. The east and west limits of Plan 4 are the east and west limits of PIN 46363-0042(LT).
4. The survey must include a separate part for All of PIN 46363-0010(LT) being Expropriation Plan M-10 (refer to copy of this plan attached within the Appendices).
5. The survey must include a separate Part for the legal limits of the Road Allowance between Concessions 2 and 3 (known as Church Road) and widenings, if any, wholly within Expropriation Plan 77(refer to copy of this plan attached within the Appendices) as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
6. This Plan is comprised of all of PIN's 46364-0055(LT), 46363-0042(LT) and 46363-0010(LT) and part of PIN 46364-0056(LT).
7. The electronic CAD file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

3.5 PLAN PHASE 5: SOUTH LIMIT OF CHURCH ROAD TO THE NORTH LIMIT OF CARLTON STREET

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-5) which highlights the area of the St. Lawrence Seaway property covered by Plan 5, which is to be surveyed and reported on:

1. The north limit of Plan 5 is the south limit the Road Allowance between Concessions 2 and 3 (known as Church Road).
2. The survey must include a separate Part for the legal limits of the Road Allowance between Lots 6 and, 7 Concession 3 (known as Stewart Road), located wholly within PIN 46360-0118(LT), as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
3. The survey must include a separate Part for the legal limits of the Road Allowance between Concessions 3 and 4 (known as Scott Street) and widenings, if any, wholly within Expropriation Plan 77 (refer to copy of this plan attached within the Appendices). and PIN 46360-0118(LT), as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
4. The south limit of Plan 5 is the north limit the Road Allowance between Concessions 4 and 5 (known as Carlton Street) described in PIN 46360-0087(LT).
5. There may be reversionary clauses contained in the deed for the property located at the north west corner of Carlton Street and McNab Road (PIN 46360-0086(LT)). Further research is required to confirm if there are any Federal interests associated with this property.

6. This Plan is comprised of all of PIN 6360-0118(LT). Buildings and fences within 5 metres of the established limits must be located.
7. The electronic CAD file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

3.6 PLAN PHASE 6: NORTH LIMIT OF CARLTON STREET TO THE NORTH LIMIT OF NIAGARA STONE ROAD

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-6) which highlights the area of the St. Lawrence Seaway property covered by Plan 6, which is to be surveyed and reported on:

1. The north limit of Plan 6 is the north limit the Road Allowance between Concessions 4 and 5 (known as Carlton Street) described in PIN 46360-0087(LT), lying within Expropriation Plan 77. The survey must include a separate Part for this portion of Carlton Street lying within Expropriation Plan 77, as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
2. The survey must include a separate Part for the legal limits of the Road Allowance between Concessions 5 and 6, lying within Expropriation Plan 77, as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
3. The east limit of Plan 6 is the east limit of the Original Road Allowance between Lots 4 and 5, as well as the east limit of PIN 46359-0004(LT). This limit is also the west limit of the St. Catharines Regional Airport lands southerly to Niagara Stone Road
4. The west limit of Plan 6 is the east limit of the Original Road Allowance between Lots 6 and 7 (known as Stewart Road) PIN 46359-0001(LT) which may have been widened, and this limit is also the west limit of PIN 46359-0004(LT).
5. There will be a need for further investigation into title issues related to a portion of the subject property lying within Expropriation Plan 77. This is located at the intersection of the Road Allowance between Lots 6 and 7 (known as Stewart Road) and the Road Allowance between Concessions 6 and 7 (known as Eastchester Avenue). This area is contained within PIN 46359-0001(LT).
6. The survey must include a separate Part for the legal limits of the Road Allowance between Concessions 6 and 7 (known as Eastchester Avenue), lying within Expropriation Plan 77 and PIN 46359-0004(LT), as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
7. The south limit of Plan 6 is the north limit of Niagara Stone Road as described in PIN 46359-0441(LT)
8. The survey must include a separate Part for PIN 46359-0007(LT)
9. This Plan is comprised of all of PIN 46359-0004(LT), 46359-0007(LT) and Part of PIN 46360-0087(LT) and part of PIN 46359-0001(LT). Buildings and fences within 5 metres of the established limits must be located.

10. The electronic CAD file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

3.7 PLAN PHASE 7: THE NORTH LIMIT OF NIAGARA STONE ROAD TO THE NORTH LIMIT OF THE QUEEN ELIZABETH WAY

The following Survey requirements must be read in conjunction with the attached Sketch (Enclosure 1-7) which highlights the area of the St. Lawrence Seaway property covered by Plan 7, which is to be surveyed and reported on:

1. The north limit of Plan 7 is the north limit of Niagara Stone Road as described in PIN 46359-0441(LT). The survey must include a separate Part for this portion of Niagara Stone Road, lying within Expropriation Plan 77, as well as the location of any other physical elements which may be considered to be associated with the Road (i.e. drainage ditches, manholes or catch basins) as well as any visible services such as pole lines, Bell boxes, water valves, etc.
2. The east limit of Plan 7 is the east limit of PINs 46359-0187(LT) and 46359-0189(LT).
3. The west limit of Plan 7 is west limit of PINs 46359-0187(LT), 46359-0090(LT) and 46359-0188(LT).
4. A separate Part will be required for All of PIN 46359-0190(LT), being Expropriation Plan M-9 (refer to copy of this plan attached within the Appendices).
5. A separate Part will be required for that portion of Queenston Road described in PIN 46359-0232(LT), lying wholly within Expropriation Plan 77.
6. The area lying to the south of Queenston Road and north of the Queen Elizabeth Way will require title investigation and Separate Parts to deal with title issues involving portions of York Road and Coon Road lying within Expropriation Plan 77 and PIN 46359-0188(LT) and being part of PIN's 46359-0217(LT) and 46359-0190(LT).
7. This Plan is comprised of all of PINs 46359-0187(LT), 46359-0090(LT), 46359-0188(LT) and 46359-0189(LT), and Part of PINs 46359-0232(LT) and 46359-0441(LT). Buildings and fences within 5 metres of the established limits must be located.
8. The electronic CAD file must include a layer containing the plot of the underlying deeds and releases to Her Majesty the Queen and/or St Lawrence Seaway Authority.

4. SITE SECURITY AND CONTACTS

Before going into the field, it will be necessary to contact the Technical Authority who will make the necessary arrangements for site access through the St. Lawrence Seaway Management Corporation.

Main contact:

to be completed at Contract award

5. SURVEY AND PLAN REQUIREMENTS

- 5.1 The draft Reference Plan(s) must be in accordance with the Surveys Act, Surveyors Act, the Registry Act, the Land Titles Act and the Regulations made under them and in accordance with the

standards and guidelines of the Association of Ontario Land Surveyors (AOLS), and any additional provisions outlined herein.

- 5.2** The draft Reference Plan(s) must be prepared in digital MicroStation (dgn) or AutoCad (dwg / dxf) formats and presented in a metric scale. The MicroStation cell library or AutoCad layer structures will also be supplied with the award of contract in the form of a sample plan and supporting documents. The digital graphics file (either MicroStation or AutoCad) must be based on the integrated coordinate system shown on the plan. The draft Reference Plan(s) and associated digital file must be provided in a form consistent with and similar to the sample plan.
- 5.3** The plan must contain a key plan illustrating the area in which the property is situate. The Standard Geographic Code (SGC) and Item Number will be supplied by the Technical Authority upon award of Contract and must be shown at the bottom right corner of the plan in the PWGSC 'Title Block' (to be provided).

5.4 Drawing Sheets:

Allowable trimmed sheet size and border dimensions are shown in the following table:

DRAWING SHEET SIZE DESIGNATION	TRIMMED SHEET DIMENSIONS (mm) Height x Width	INSIDE BORDER DIMENSIONS (mm) Height x Width
A0	841 x 1189	821 x 1159
A1	594 x 841	574 x 811
A2	420 x 594	400 x 564

Lettering on the plan is not to be less than 2 mm in height. Unless preauthorized by the Technical Authority, plans must be oriented with the long side (width) at the top of the sheet. Plan sizes must conform to the sheet sizes noted above.

5.5 Draft Reference Plan Details:

The survey and plan must be in the form of a draft Reference Plan(s).

The perimeter of the Area of Survey must be monumented where existing boundaries require retracement. Where the perimeter of the Area of Survey is limited by a natural boundary (i.e. water's edge), monumented traverse lines with ties to the water's edge sufficient to detail the location of the water's edge are required. Where the perimeter of the Area of Survey is limited by a fixed structure, as in the outside face of a canal wall, the fixed structure must be considered the boundary for the purposes of the Plan of Survey.

The survey and plan(s) must also include the location of topographic features as described in the "Work to be performed and Deliverables" and as illustrated on the Survey Requirement Detail sketches **only within the "Areas of Interest" as described** as shown on Enclosure 1-1 to 1-7: Sketch to Illustrate Survey Requirement Area. This would include any visible evidence of underground and overhead services, including hydro, bell, gas and water, or any other features that may be associated with rights arising from possible leases, licences or permits.

5.6 Integration to the 6° UTM NAD83 Canadian Spatial Reference System (CSRS) Coordinate System

The preparation of these Plans of Survey must be integrated to the 6° UTM NAD83 (CSRS) Coordinate system in accordance with the Surveyors Act, Ontario Regulation 216/10.

Plan bearings must be grid bearings and plan distances must be ground distances. Where bearings are derived from project integration, integrated points must be selected at sufficient separation to provide

accurate bearings. Large projects may require integration of more than two points to comply with AOLS regulations and standards.

The digital graphics file (either MicroStation or AutoCad) must be based on the integrated coordinate system shown on the plans. The plan must state the particulars of the coordinate system in a form consistent with the required regulations, standards and guidelines.

5.7 Elevations (when required)

When elevations are required as part of the survey, the following elevation note must be shown on the plan:

"Elevations shown hereon are referenced to the International Great Lakes Datum or the Canadian Geodetic Vertical Datum (CGVD) 1928 and are derived from elevation benchmark (describe benchmark) having an elevation of XXX.XX metres as recorded in (describe source of data)." Where another elevation reference is used, a note providing similar information must be used.

5.8 Unrestricted Use

An unrestricted license to use the plan of survey, surveyor's report, CAD files, field notes and other deliverables is deemed to have been provided by the Contractor to Her Majesty, in Right of Canada as represented by PWGSC upon payment to the Contractor of the invoice(s) for the work. This license includes the right to provide copies of the deliverables to any other party.

6. RETURNS AND DELIVERY

6.1 The following materials must be submitted to the PWGSC Geomatics Project Manager (Technical Authority) upon completion of the draft Reference Plan(s):

- 2 paper prints of the signed **draft** Reference Plan(s), along with a copy of the associated digital CAD file. The CAD file is to be geographically referenced and correctly oriented to the geodetic datum required for this project (see section 5.6 Integration). The CAD drawing is to be submitted in grid dimensions. Distances reported on the face of the Plan are to be reported in ground units.
- All pertinent title search material and other related information.
- Photocopies of the field notes of survey (including printouts of data collector measurements).
- COSINE report for each Control Monument used to integrate the field survey measurements with the 6° UTM NAD83 (CSRS) Coordinate system and a report on the closeness of fit of the control survey field work and the existing Horizontal Control Monuments. The report must include all details related to the use of any Real Time Base Station Network services.
- plan closures and an ASCII text file of the adjusted coordinates
- The signed Surveyor's report shall include the following items:
 - results of title investigation or research
 - issues related to site access,
 - Survey methodology
 - issues specific to particular real property interests both on and off the site (easements and/or rights of way)
 - encroachments.
 - Title or other issues requiring further investigation or research which would fall outside of the original scope of the work required for this project, with recommendations for resolution.
- Digital photographs in support of the Surveyor's Report where permissible by on site Security personnel.

7. EXPECTED DELIVERY DATES

Alternatives to the following schedule will be considered, but will require pre-approval by the PWGSC Geomatics Project Manager.

7.1 Plan Phase 1 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 6 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage)

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.2 Plan Phase 2 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 8 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage)

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.3 Plan Phase 3 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 10 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage)

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.4 Plan Phase 4 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 12 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage).

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.5 Plan Phase 5 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 14 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage).

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.6 Plan Phase 6 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 16 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage)

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

7.7 Plan Phase 7 Delivery Schedule:

A signed draft Reference Plan(s) and written report along with other preliminary returns described above must be provided by the Contractor within 18 weeks from the Contract Award date.

After review of the draft Reference Plan(s) and Surveyor's Report on Title, the Technical Authority will provide any comments and/or recommendations regarding the plan and issue instructions to finalize the draft Reference plan. (Note: the plan is not to be deposited in the registry office at this stage)

The Technical Authority will consult with Transport Canada (the Client) in order to ensure there are no subsequent requirements. Finalization and deposit of the Reference Plan(s) is to occur after this consultation.

8. FINALIZATION AND DEPOSIT

8.1 The Technical Authority will provide instructions for finalization and deposit of the Reference plans. These instructions are anticipated to be given approximately 2 weeks and no longer than 8 weeks following the completion of the draft plans as described in Sections 7.1 thru 7.7.

8.2 Within 2 weeks of the instructions to deposit provided in Section 8.1, the surveyor must deposit the plan and supply:

- 1 paper print and a scanned (monochrome, 300 dpi) digital file (pdf preferred) of the **original** signed and deposited final plan;
- a copy of the digital files in MicroStation or AutoCAD formats;
- photocopies of any research materials and / or field notes of Contractor not provided previously (see Section 6.1);
- an ASCII text file of the final adjusted coordinates if changed from previous.
- A comprehensive report on title issues related to the subject lands that identifies all interests and supporting documentation. The report must also identify issues related to the extent and chain of title that require additional research. The report must also contain recommendations that may be considered in the resolution of issues requiring additional attention.

9. ENCLOSURE LIST

Enclosure 1-0 – Overall Sketch to Illustrate Survey Requirement Areas

Enclosures 1-1 to 1-7 - Sketches to Illustrate Survey Requirement Areas

Copies of background plans are located in the Appendices.

Please note that copies of any additional associated plans and documents on file with the Technical Authority will be provided to the successful contracting firm at the start of the project. However, it will be the responsibility of the contracting firm to undertake proper research to ensure that they have all of the relevant information required for the completion of the survey.

APPENDICES

Plan 30M-164

Corporation Plan No. 5

Plan LR-68

Boundaries Act Plan BA – 176, Unit 1

Boundaries Act Plan BA – 176, Unit 2

Expropriation Plan M-9

Expropriation Plan M-10

Expropriation Plan 77

ENCLOSURE 1
SURVEY REQUIREMENT AREA

ANNEXE 1

ZONETOUCHÉE PAR LES EXIGENCES D'ARPENTAGE

SITE AFEA:

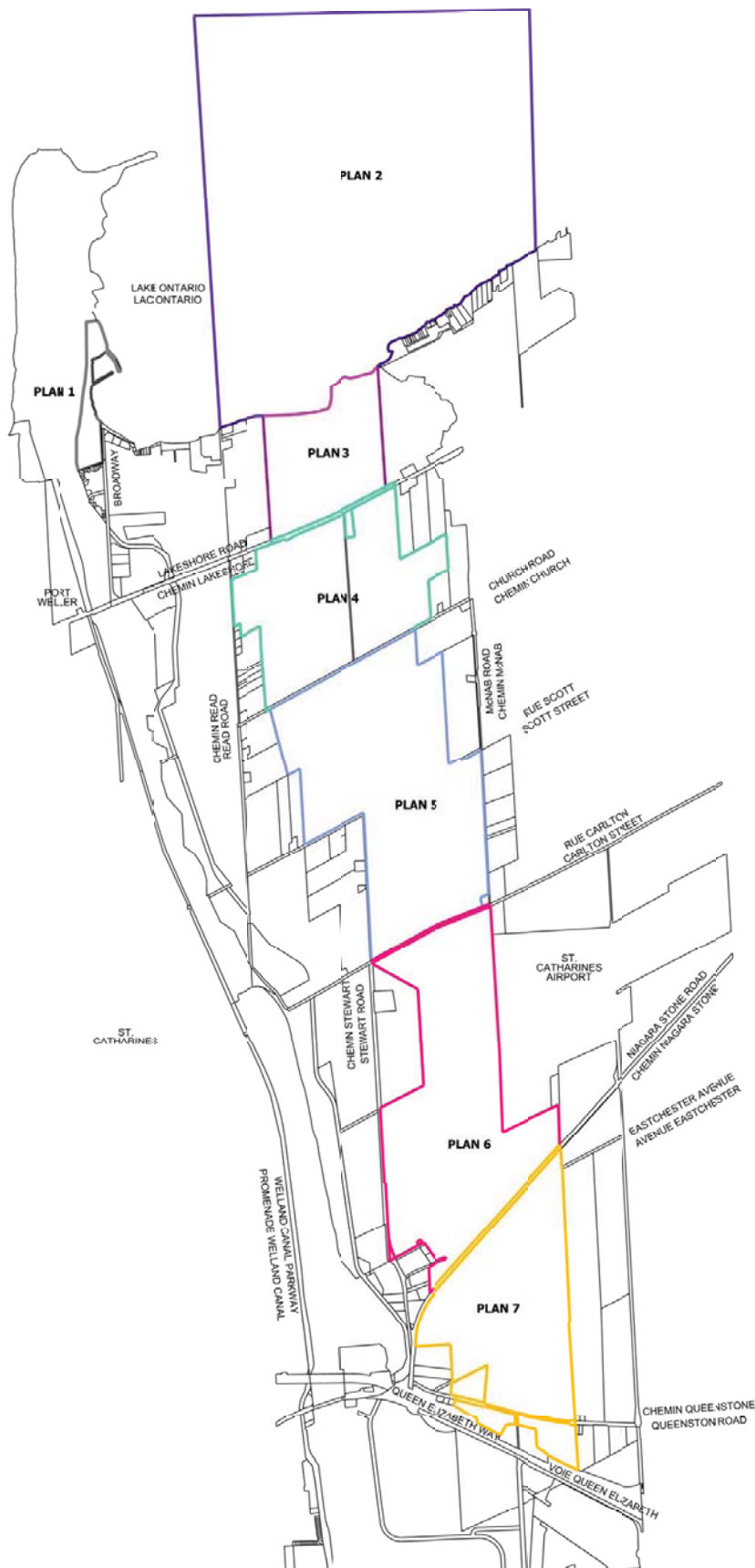
Land Portion - 730 +/- Hectares

Land Portion - 730 +/- Hectares
Water Portion (Lake Ontario) - 541 +/- Hectares

SITE :

TERRE FERME - 730 +/- Hectares

PARTIE IMMERGÉE (Lac Ontario) - 541 +/- Hectares

[illegible]

Call

Printed by	img	customer id#	PROJECT no:	R-367842-004	rev. the system
		Golden Valley and Commuter Services, Canada Real Property Services Real Property Services	Service providers Service providers Service providers Service providers		
P.O.C.	304-5447	C.O.T.	Start on	12-020-967-3	12/02/04

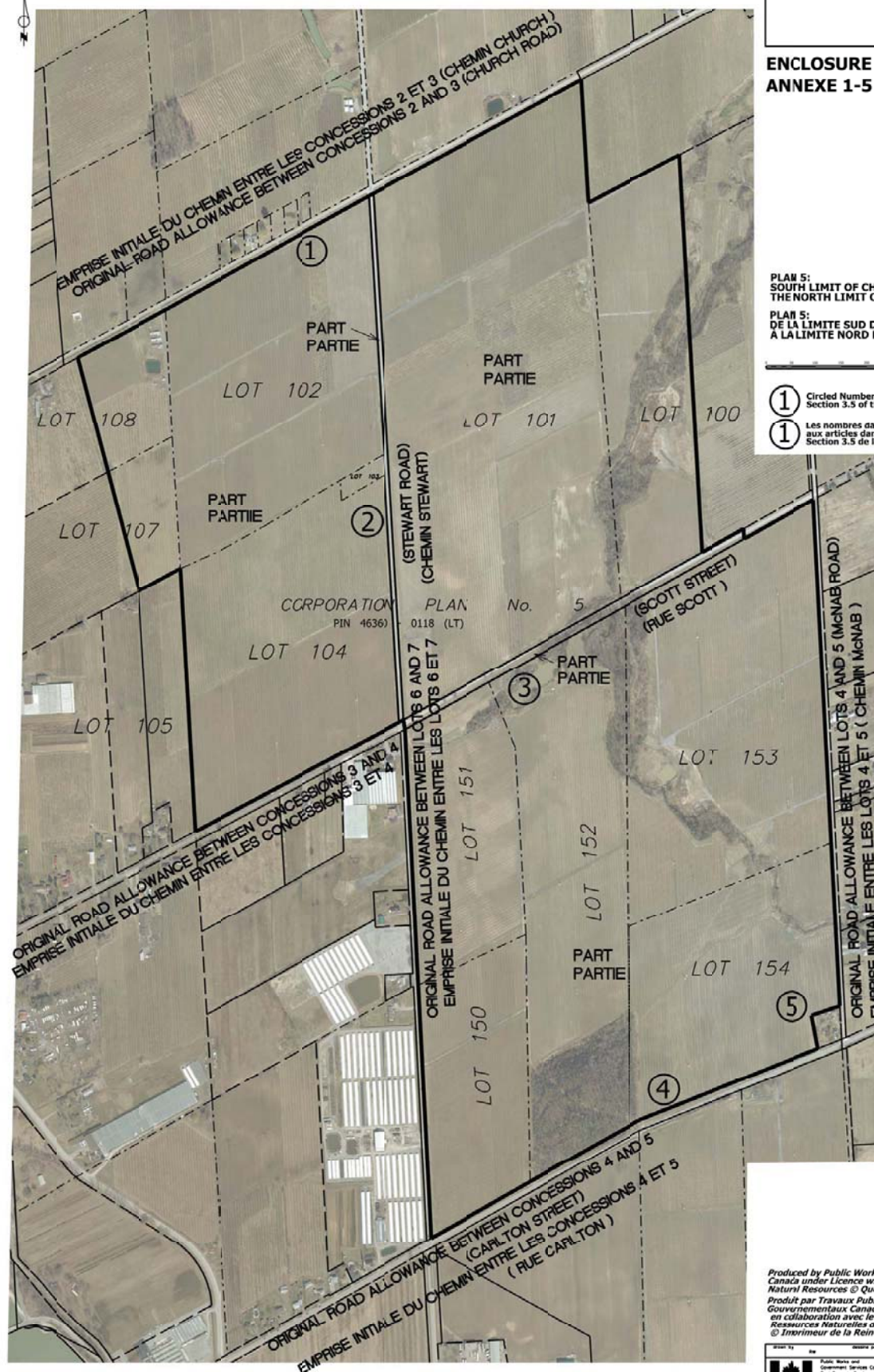
ENCLOSURE 1-5 ANNEXE 1-5

PLAN 5:
SOUTH LIMIT OF CHURCH ROAD TO
THE NORTH LIMIT OF CARLTON STREET

PLAN 5:
DE LA LIMITE SUD DU CHEMIN CHURCH
À LA LIMITE NORD DE LA RUE CARLTON

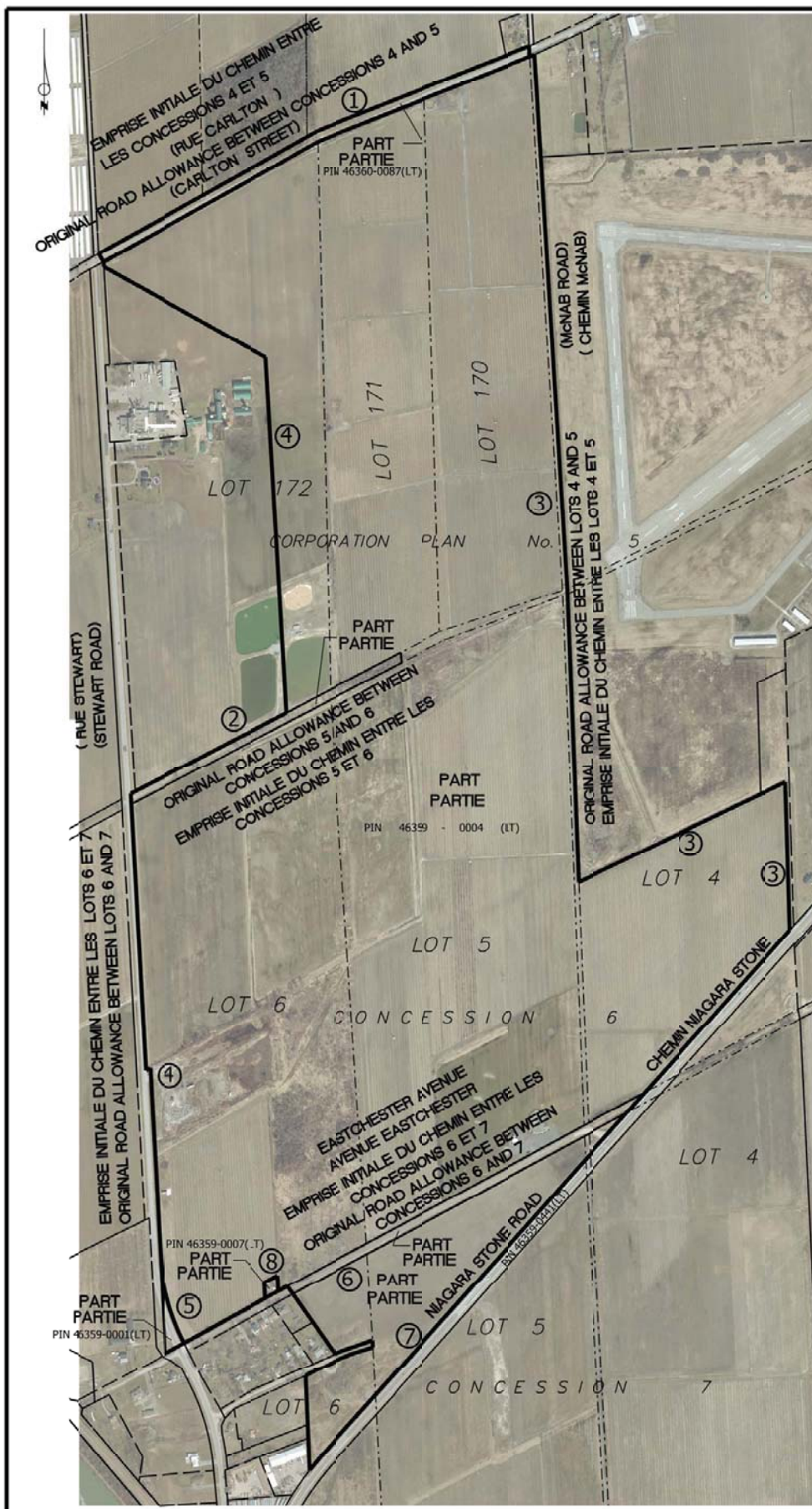
① Circled Number: correspond to items in
Section 3.5 of the Statement of Requirements.

① Les nombres dans le cercle correspondent
aux articles dans la
Section 3.5 de l'énoncé des exigences.



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Ressources Naturelles de l'Ontario
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Sheet No.	10	Project No.	R-067842-004	No. of Pages	10 of 11
Public Works and Government Services Canada	Travaux Publics et Services Gouvernementaux Canada	Real Property Services	Services immobiliers		
Real Property Services	Services immobiliers				
Scale	1:500	Date	12-03-2010	Author	PL



PLAN 30R-

DATE: _____

ENCLOSURE 1-6
ANNEXE 1-6

PLAN 6:
NORTH LIMIT OF CARLTON STREET TO
THE NORTH LIMIT OF NIAGARA STONE ROAD

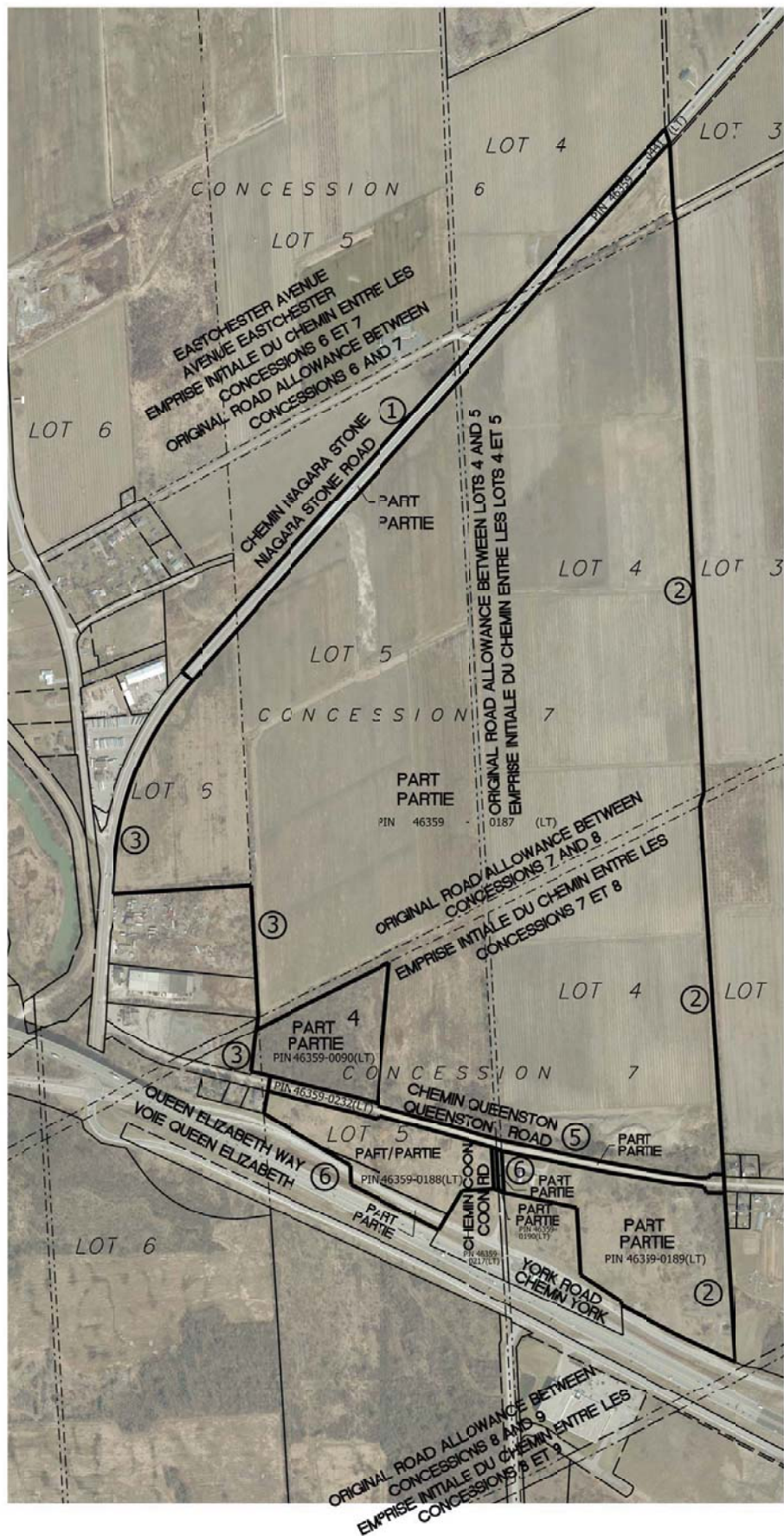
PLAN 6:
DE LA LIMITE NORD DE LA RUE CARLTON
A LA LIMITE NORD DU CHEMIN
NIAGARA STONE

- 1 Circled Numbers correspond to item in Section 3.6 of the Statement of Requirements.
- 1 Les nombres dans le cercle correspondent aux articles dans la Section 3.6 de l'énoncé des exigences.

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Naturelles de l'Ontario
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Sheet No.	10	Project No.	R-067842-004	No. of pages	10
Public Works and Government Services Canada	Travaux Publics et Services Gouvernementaux Canada	Public Works and Government Services Canada	Travaux Publics et Services Gouvernementaux Canada	Public Works and Government Services Canada	Travaux Publics et Services Gouvernementaux Canada
Map Property Services	Services Imagerie	Map Property Services	Services Imagerie	Map Property Services	Services Imagerie
Scale	1:50,000	Date	2010-04-15	Author	10-0000000



PLAN 30R—
RECEIVED AND DEPOSITED
DATE: _____

**ENCLOSURE 1-7
ANNEXE 1-7**

PLAN 7:
NORTH LIMIT OF NIAGARA STONE ROAD TO THE
NORTH LIMIT OF THE QUEEN ELIZABETH WAY

PLAN 7:
DE LA LIMITE NORD DU CHEMIN NIAGARA
STONE A LA LIMITE NORD DE LA VOIE
QUEEN ELIZABETH



- ① Circled Numbers correspond to items in
Section 3.7 of the Statement of Requirements.
① Les nombres dans le cercle correspondent
aux articles dans la
Section 3.7 de l'énoncé des exigences.

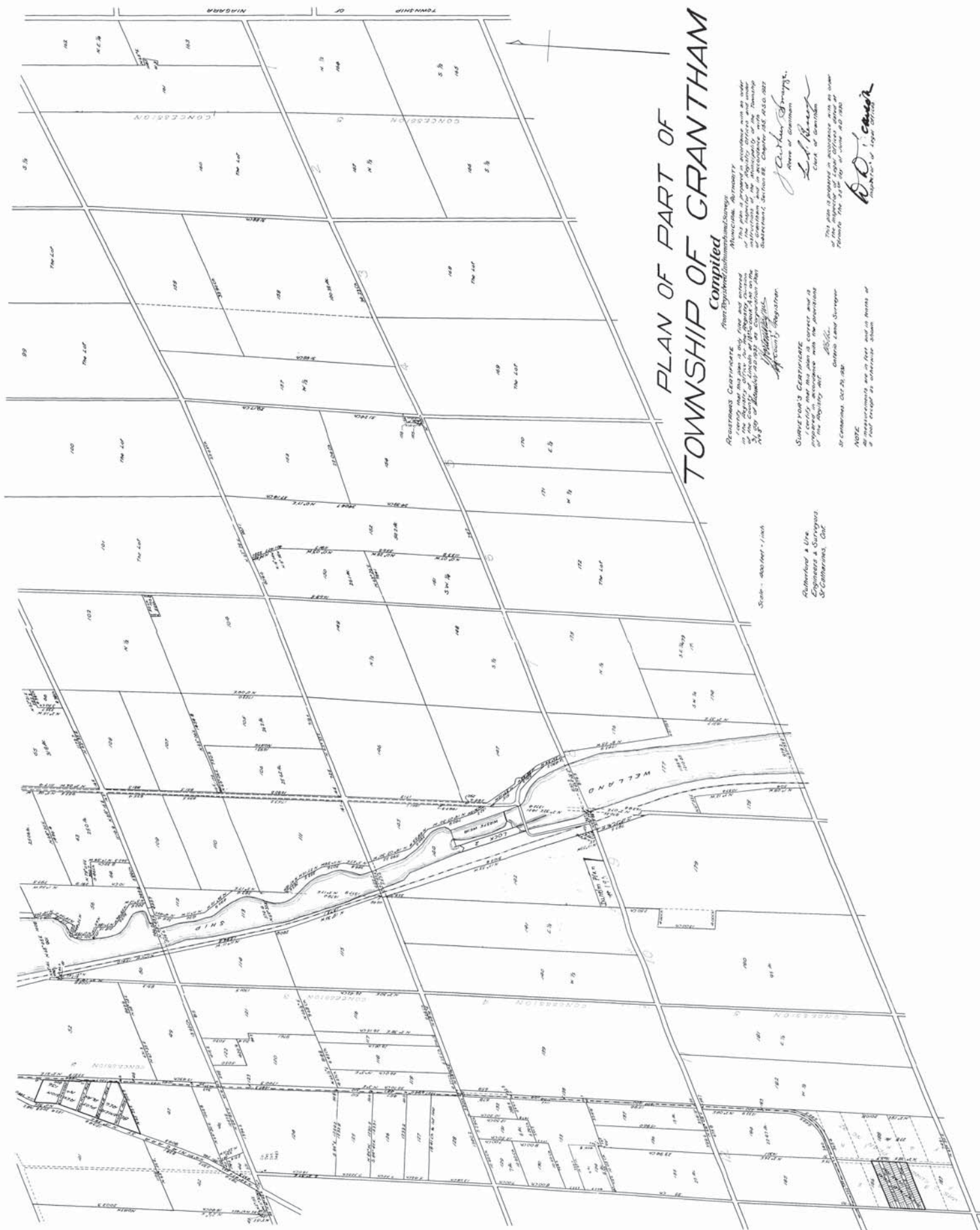
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Sheet No.	84	Project No.	R-067842-004	File No.	0101	
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Scale	1:50,000	CSS	Drawn by	12-03-001-0	Author	MS





LAKE



This plan is prepared in accordance with an order of the Inspector of Property Officers and under instructions of the Municipality of the Township of Greenham and in accordance with Subsection 1, Section 80, Chapter 155, R.S.O. 1927

J. Arthur Savage.
 Room 210
 L. S. Brown

This plan is prepared in accordance with an order of the Inspector of Local Offices dated at Toronto the 25th day of June A.D. 1925.

W.D. Carson
Inspector of Legal Office

REGISTRARS CERTIFICATE

I certify that this plan is a duly filed and entered
in the Registry Office for the County of Lincoln
and the County of Lincoln at 10 o'clock A.M. on the
21 day of December AD 1932 as Corporation Plan
No 8.

J. H. B. [Signature]

STATE OF TEXAS
COUNTY OF DALLAS

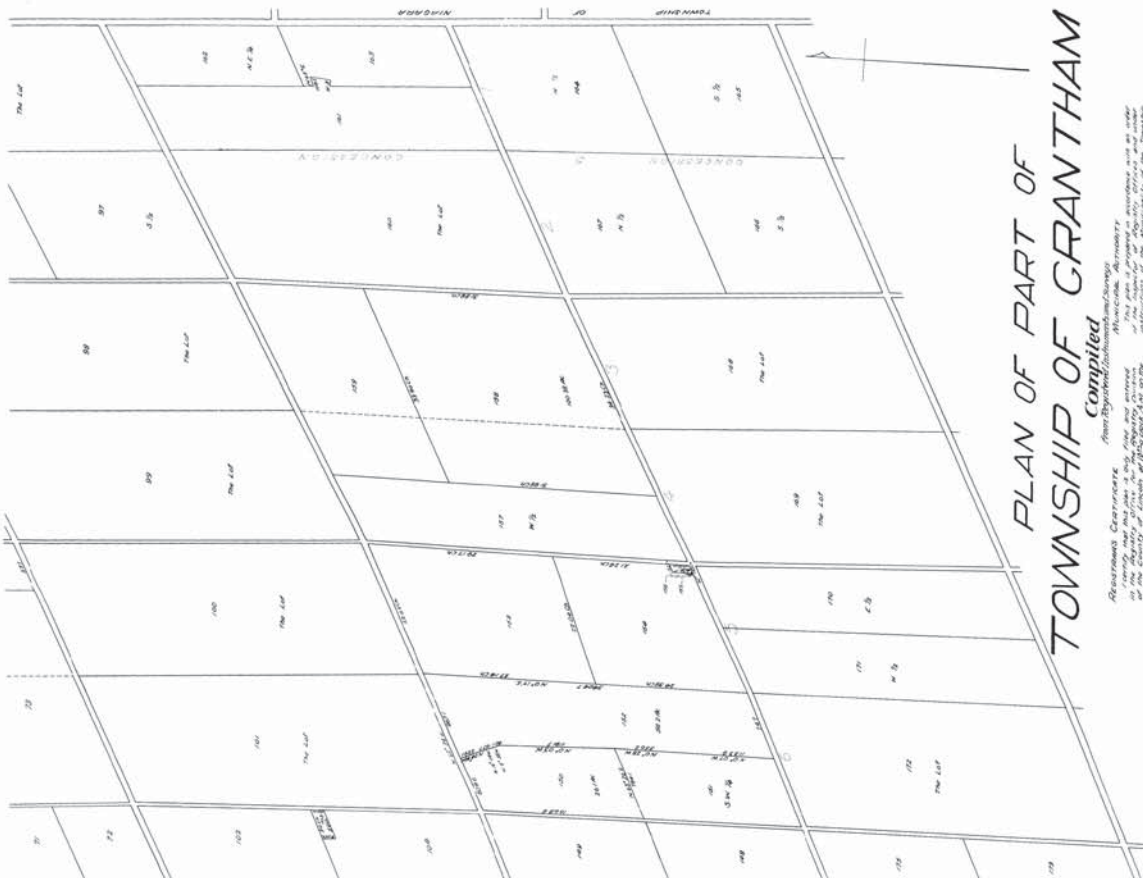
B. H. A.
 Ontario Land Surveyor
 Peterborough, Oct. 20, 1932

... are in feet and in yards of
of 2 otherwise shown

Scale = 400 feet = 1 inch

Rutherford & Ure,
Engineers & Surveyors.

PLAN OF PART OF TOWNSHIP OF GRANTHAM



PLAN OF PART OF TOWNSHIP OF GRANTHAM

Completed

Approved by the Township Council on the 10th day of May 1900.

Attest: *[Signature]*
 Clerk of Township

This plan is prepared in accordance with the provisions of the Act in that behalf.

[Signature]
 Surveyor

Approved by the Township Council on the 10th day of May 1900.

Attest: *[Signature]*
 Clerk of Township

This plan is prepared in accordance with the provisions of the Act in that behalf.

[Signature]
 Surveyor

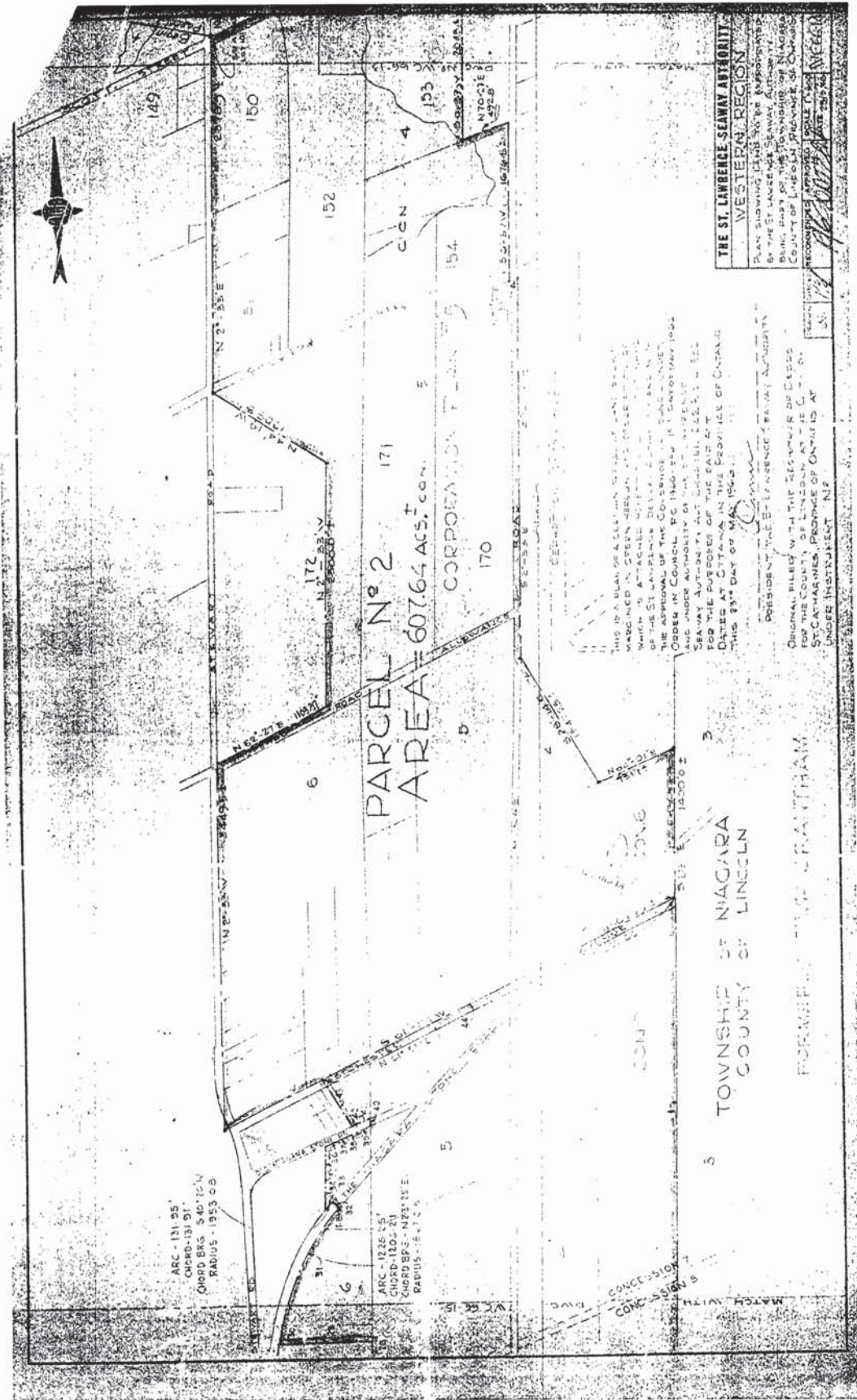
Scale - 1 inch = 100 feet

Authorised by the Township Council

Engineers & Surveyors

of Grantham, Ont.





THE ST. LAWRENCE SEAWAY AUTHORITY
WESTERN REGION

PLAN SHOWING THE SEAWAY AUTHORITY
BY THE ST. LAWRENCE SEAWAY AUTHORITY
BEING PART OF THE TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN PROVINCE OF ONTARIO

RECORDED IN THE
DATE 1968

THIS IS A PLAN OF A CONCESSION, BEING A PART OF THE
SEAWAY AUTHORITY, BEING A PART OF THE TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN PROVINCE OF ONTARIO, AND IS
THE APPROVAL OF THE COMMISSIONER OF THE SEAWAY AUTHORITY
ORDER IN COUNCIL, P.C. 1968-274, DATED MAY 1968
AND UNDER AUTHORITY OF THE SEAWAY AUTHORITY
FOR THE PURPOSES OF THE SEAWAY ACT
DATED AT OTTAWA IN THE PROVINCE OF ONTARIO
THIS 15th DAY OF MAY 1968.

PRESIDENT OF THE SEAWAY AUTHORITY

ORIGINAL FILED WITH THE RECORDS OF THE
COUNTY OF LINCOLN AT THE C. O.
ST. CATHARIES, PROVINCE OF ONTARIO AT
UNDER INSTRUMENT NO. 17

35 TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN

FORWARDED TO THE COMMISSIONER

LAKE
ONTARIO
ALONG HIGHWAY

7 PARCEL N° 1
AREA = 653.46 Acres

CONC. CORPORATION

NIAGARA
OF
TOWNSHIP
OF
LINCOLN
COUNTY

66

50-40-3055-1
IT IS CERTAIN PARCELS OF LAND SHOWN
ON THE PLAN GREEN HEREIN ARE TAKEN IN THE NAME
OF THE SEAWAY SERVICE, SEAWAY AUTHORITY AND WITH
THE APPROVAL OF THE BOARD OF IN COMMISSIONING
OF THE SERVICE, OF THE GOVERNMENT OF MAY 1956
THE COUNCIL OF THE SEAWAY AUTHORITY
AND UNDER ACT OF CHARTER 242 OF 1952
SEAWAY PURPOSES OF THE PROVINCE OF ONTARIO
FOR AT OTTAWA MAY 1956.
THIS 23rd DAY OF MAY 1956. SEAWAY AUTHORITY

PRESIDENT, THE ST. LAWRENCE
ORIGINAL FILED WITH THE REGISTER OF DEEDS
OF THE COUNTY OF LINCOLN, AT THE CITY OF
TORONTO, IN THE PROVINCE OF ONTARIO AT
ST. CATHARINES.
INSTRUMENT N^O
LAWRENCE SEAWAY AUTHORITY

THE ST. LAWRENCE
WESTERN REGION
PLAN SHOWING LAND TO BE EXPROPRIATED
BY THE ST. LAWRENCE SEAWAY AUTHORITY
BEING PART OF THE TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN, PROVINCE OF ONTARIO

DRAWN	CHECKED	RECOMMENDED	APPROVED	DATE MAY 25 1966	WC
EH	pk		<i>[Signature]</i>		

REGISTERED

LAKE ONTARIO

PARCEL N° 1
AREA = 653.46 Acres

AREA=653.46 Acres

CONFIDENTIAL

INC. -2 CORPORATION PLAN 5 27

TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN

FORMERLY TOWNSHIP OF GRANTHAM

[illegible]

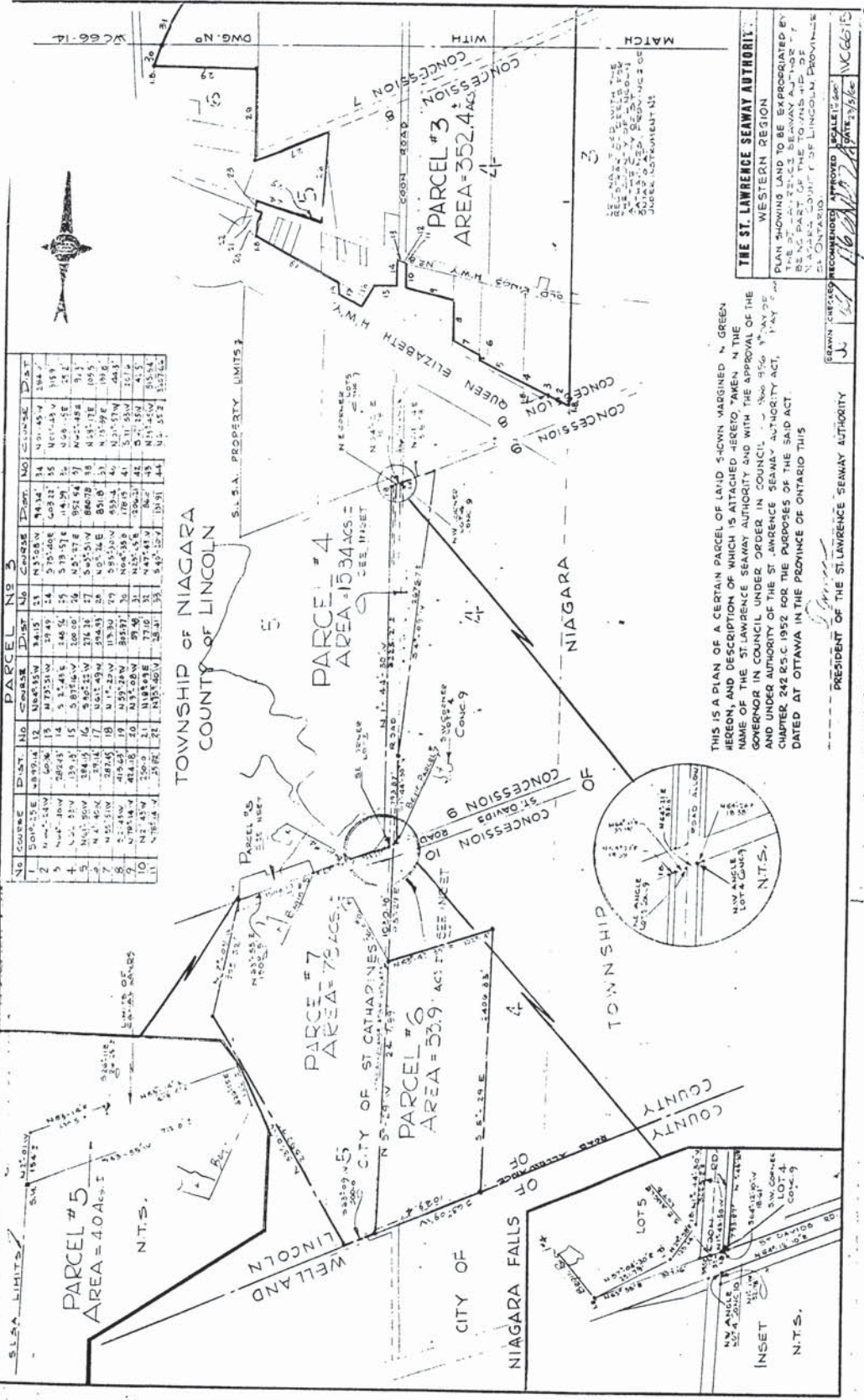
ORIGINAL FILED WITH THE REGISTER OF DEEDS
FOR THE COUNTY OF LINCOLN, AT THE CITY OF
ST. CATHERINE, PROVINCE OF ONTARIO AT
INSTRUMENT NO.

THE ST. LAWRENCE SEAWAY AUTHORITY
WESTERN REGION

PLAN SHOWING LAND TO BE EXPROPRIATED
BY THE ST. LAWRENCE SEAWAY AUTHORITY,
BEING PART OF THE TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN, PROVINCE OF ONTARIO

DRAWN CHECKED E.H. PK	RECOMMENDED [Signature]	APPROVED [Signature]	SCALE 1"=600'	DATE MAY 23	WG-66-13
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INDEXED	APPROVED	FILE	1000
2002-10-13		DATE	10-13-02
WC-66-13			

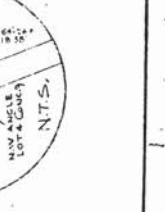


PARCEL NO. 3

No.	COURSE	DIST.	No.	COURSE	DIST.	No.	COURSE	DIST.
1	S 01° 15' E	48.95	12	N 88° 15' W	94.15	23	N 31° 05' W	94.34
2	N 40° 15' W	60.36	13	N 75° 31' W	29.49	24	S 75° 40' E	60.32
3	N 40° 15' W	28.25	14	S 71° 45' E	148.50	25	S 75° 31' E	114.50
4	N 40° 15' W	28.25	15	S 81° 16' W	100.00	26	N 81° 16' E	95.54
5	N 40° 15' W	28.25	16	S 81° 16' W	274.38	27	S 81° 16' E	880.78
6	N 40° 15' W	28.25	17	S 81° 16' W	274.38	28	S 81° 16' E	880.78
7	N 40° 15' W	28.25	18	N 11° 15' W	94.15	29	N 11° 15' E	94.15
8	N 40° 15' W	28.25	19	N 25° 20' W	84.37	30	N 25° 20' E	84.37
9	N 40° 15' W	28.25	20	N 35° 08' W	29.49	31	N 35° 08' E	29.49
10	N 40° 15' W	28.25	21	N 85° 08' E	77.10	32	N 85° 08' W	77.10
11	N 40° 15' W	28.25	22	N 85° 08' W	29.49	33	N 85° 08' E	29.49

THE ST. LAWRENCE SEAWAY AUTHORITY
 WESTERN REGION
 PLAN SHOWING LAND TO BE EXPROPRIATED BY THE ST. LAWRENCE SEAWAY AUTHORITY ACT, CHAPTER 242 R.S.C. 1952 FOR THE PURPOSES OF THE SAID ACT, DATED AT OTTAWA IN THE PROVINCE OF ONTARIO THIS 16th DAY OF APRIL 1956

THIS IS A PLAN OF A CERTAIN PARCEL OF LAND SHOWN MARGINED IN GREEN HEREON, AND DESCRIPTION OF WHICH IS ATTACHED HERETO, TAKEN IN THE NAME OF THE ST. LAWRENCE SEAWAY AUTHORITY AND WITH THE APPROVAL OF THE GOVERNOR IN COUNCIL UNDER ORDER IN COUNCIL, 1956, MAY 20, AND UNDER AUTHORITY OF THE ST. LAWRENCE SEAWAY AUTHORITY ACT, CHAPTER 242 R.S.C. 1952 FOR THE PURPOSES OF THE SAID ACT, DATED AT OTTAWA IN THE PROVINCE OF ONTARIO THIS 16th DAY OF APRIL 1956



INSET
 N.T.S.

INSET
 N.T.S.

INSET
 N.T.S.

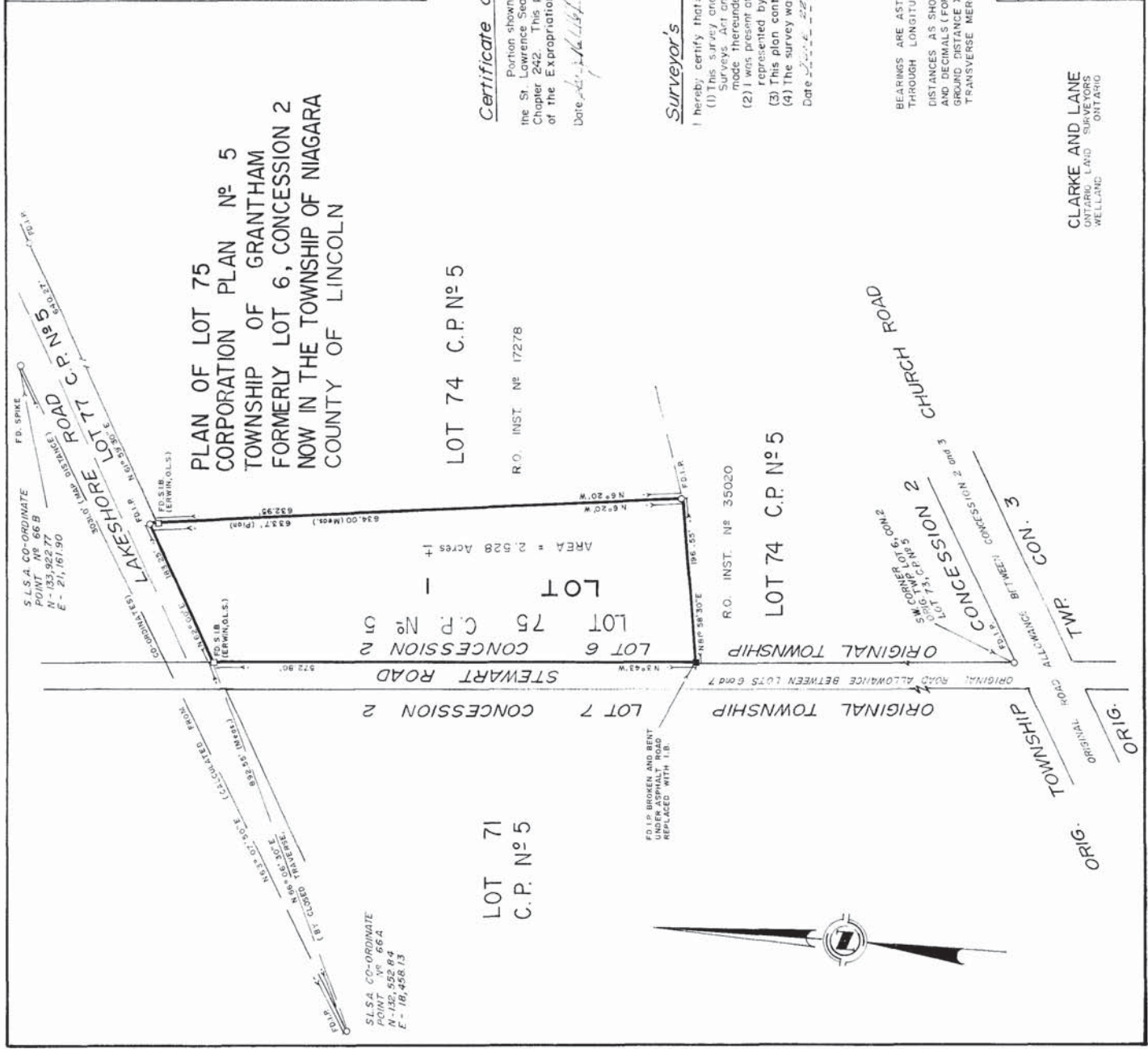
APPROVED BY THE ST. LAWRENCE SEAWAY AUTHORITY
 DRAWN BY: [Signature]
 DATE: 15/5/56
 SCALE: 1" = 100'

M-10

Approved for registration
25- Sep 1967
St. Lawrence
 ASSISTANT EXAMINER OF SURVEYS

Plan M-10 Registered 11 Oct 1967
 and entered on Parcel 2
 Niagara Section
St. Lawrence
 MASTER OF TITLES

LOT 1 - All of Parcel 2
 (Niagara Section)



Certificate of Expropriation

Portion shown hereon as Lot 1 is required for the purpose of the St. Lawrence Seaway Authority in accordance with R.S.C. 1952 Chapter 242. This plan is prepared in accordance with Section 4 of the Expropriation Procedures Act 1962-63, Chapter 43

Date *25- Sep 1967*

Surveyor's Certificate

I hereby certify that:
 (1) This survey and plan are correct and in accordance with the Surveys Act and the Land Titles Act and the regulations made thereunder.
 (2) I was present at and did personally supervise the survey represented by this plan.
 (3) This plan contains a true copy of the field notes of survey.
 (4) The survey was completed on the *25th* day of *September*, 1967.
 Date *25- Sep 1967*

St. Lawrence
 MASTER OF TITLES
 ONTARIO LAND SURVEYOR

BEARINGS ARE ASTROMOMIC AND REFERRED TO THE MERIDIAN THROUGH LONGITUDE 81° 00' WEST
 DISTANCES AS SHOWN ARE MEASURED GROUND DISTANCES IN FEET AND DECIMALS (FOR COORDINATE PURPOSES MAP DISTANCE = GROUND DISTANCE X 0.999826) (MAP DATUM IS THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AT MEAN SEA LEVEL)

THE ST. LAWRENCE SEAWAY AUTHORITY

PLAN SHOWING LOCATION, AS MARGINED, OF LAND AND PREMISES IN LOT 75, CORPORATION PLAN N° 5 FOR THE TOWNSHIP OF GRANTHAM, NOW IN THE TOWNSHIP OF NIAGARA, COUNTY OF LINCOLN EXPROPRIATED FROM BRUCE LLOYD THOMPSON

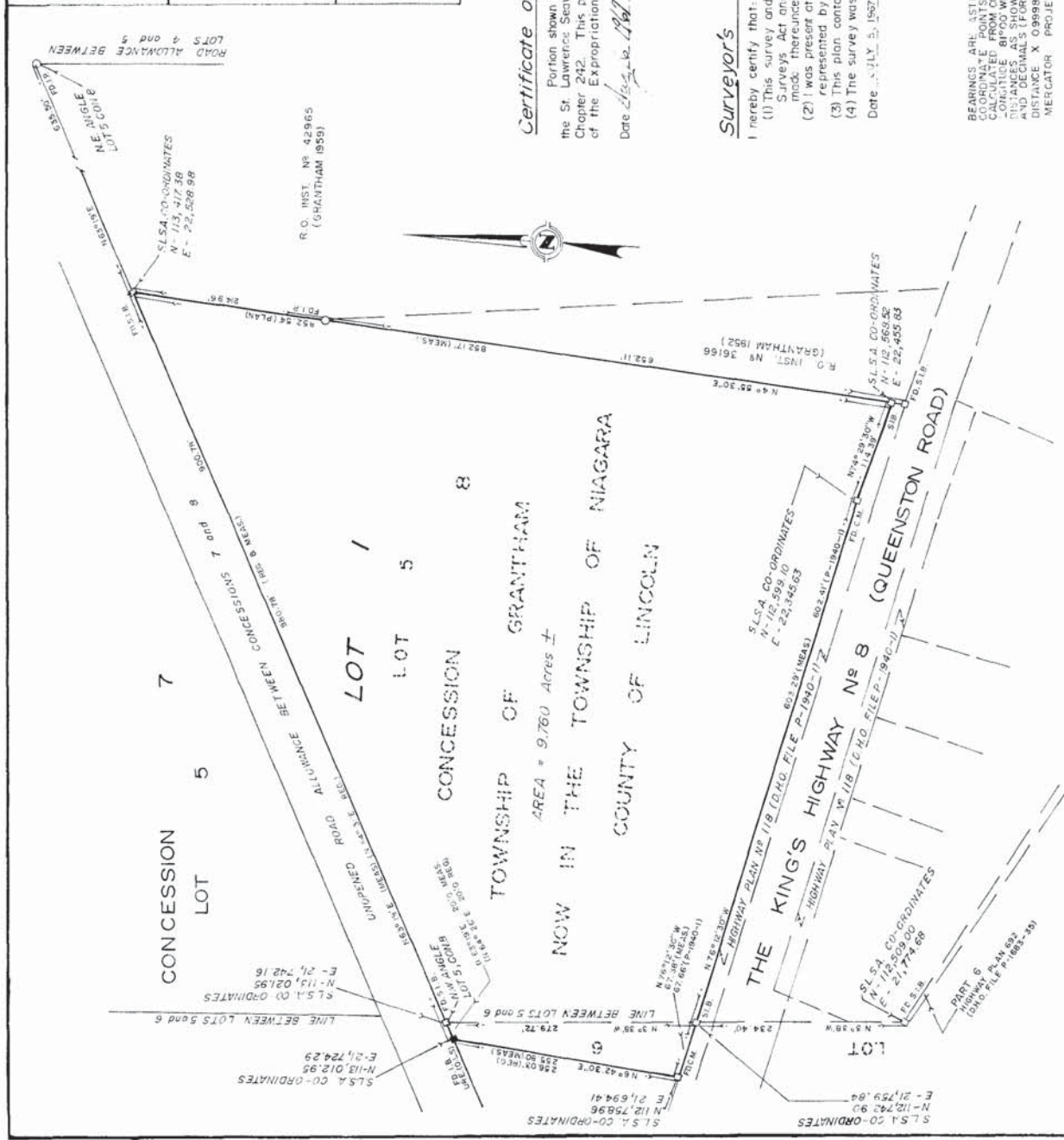
RECOMMENDED APPROVED SCALE 1" = 100' DATE 12/6/67

CLARKE AND LANE
 ONTARIO LAND SURVEYORS
 WELLAND

M-9
Approved for registration
25 - 34 1967
5- Assistant Examiner of Survey

Plan M-9 Registered 11 Oct 1967
and entered on Parcel 1
Niagara Section
J. J. Bennett
J. J. Bennett
MASTER OF TITLES

LOT 1 - All of Parcel 1
(Niagara Section)



Certificate of Expropriation

Portion shown hereon as Lot 1 is required for the purpose of the St. Lawrence Seaway Authority in accordance with R.S.C. 1952 Chapter 242. This plan is prepared in accordance with Section 4 of the Expropriation Procedures Act 1962-63, Chapter 43

Date 25 July 1967

Thomas G. Cahill
PRESIDENT - THE ST. LAWRENCE SEAWAY AUTHORITY

Surveyor's Certificate

I hereby certify that:

- (1) This survey and plan are correct and in accordance with the Survey Act and the Land Titles Act and the regulations made thereunder
- (2) I was present at and did personally supervise the survey represented by this plan
- (3) This plan contains a true copy of the field notes of survey
- (4) The survey was completed on the 10th day of JUNE, 1967

Date 25 JULY 1967

Thomas G. Cahill
THOMAS G. CAHILL
ONTARIO LAND SURVEYOR

BEARINGS ARE ESTABLISHED AND DERIVED FROM THE LINE JOINING SLSA CO-ORDINATE POINTS 66-H AND 66-G WHICH LINE HAS A BEARING OF N09°50'W CALCULATED FROM COORDINATES AND REFERRED TO THE MERIDIAN THROUGH CO-ORDINATE POINT 66-H. DISTANCES ARE MEASURED IN FEET AND DECIMALS THEREOF. CO-ORDINATE POINTS ARE LOCATED AT A DISTANCE OF 0.9999826 (MAP DATUM IS THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AT MEAN SEA LEVEL)

THE ST. LAWRENCE SEAWAY AUTHORITY

CLARKE AND LANE
ONTARIO LAND SURVEYORS
WELLAND

**PLAN OF SURVEY OF
PART OF LOTS 5 & 6 CON 8
TOWNSHIP OF GRANTHAM
NOW IN THE TOWNSHIP OF NIAGARA
COUNTY OF LINCOLN**

RECOMMENDED APPROVED
SCALE 1"=100'
DATE 4/7/67

MARINER COVE ESTATE

Approved under Section 33 of
THE PLANNING ACT, 1968

This 25th day of Nov., 1987

W.A. Mascoe

Authorized Signature (By Law No. 1798-77)

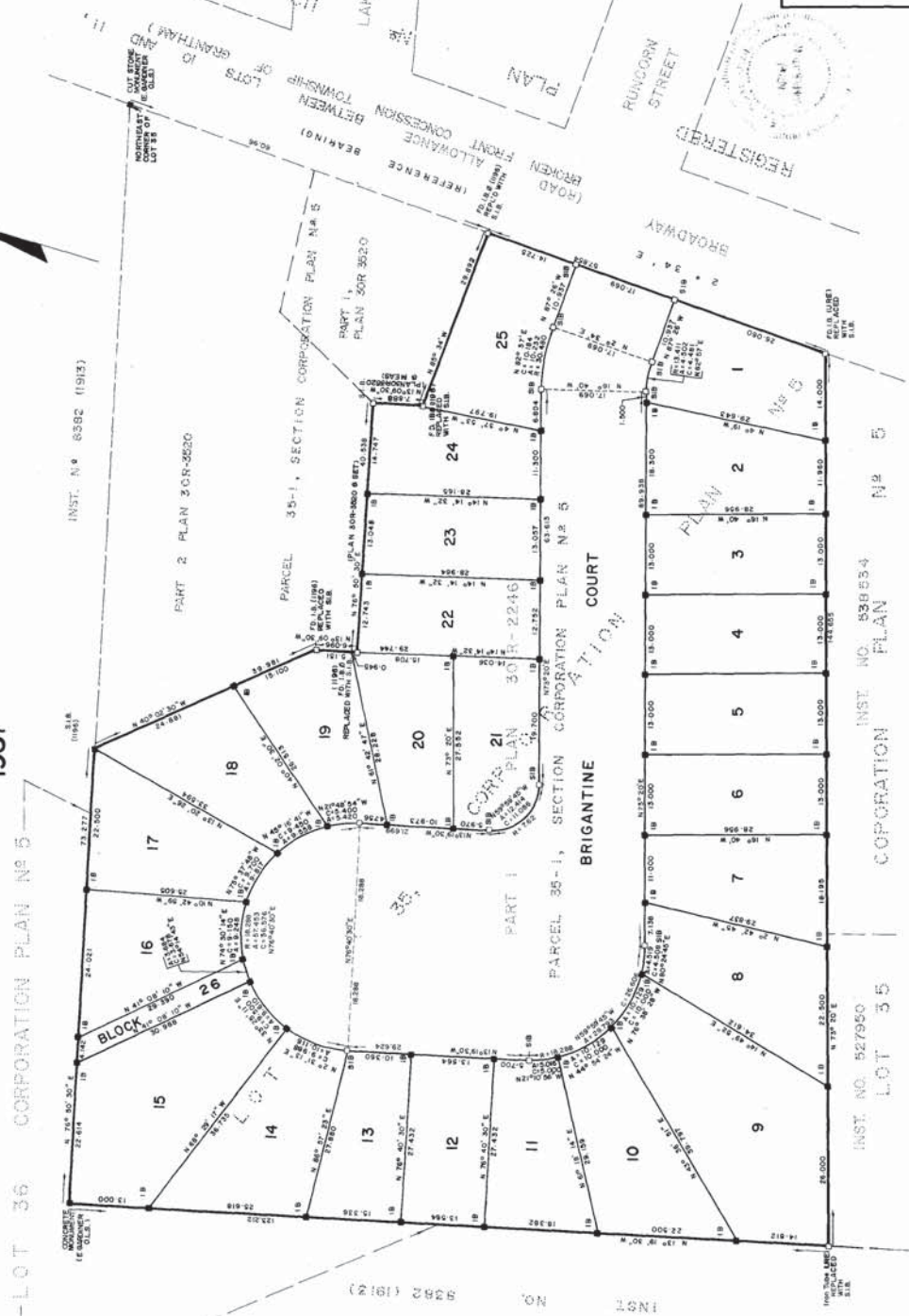
PART OF LOT 35
CORPORATION PLAN No 5
IN THE CITY OF ST. CATHARINES
REGIONAL MUNICIPALITY OF NIAGARA

WILLIAM A. MASCOE
ONTARIO LAND SURVEYOR

1987

SCALE 1:500

LOT 36 CORPORATION PLAN No 5



METRIC

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

INST. NO. 527950
LOT 35

INST. NO. 538554
PLAN No 5

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

INST. NO. 8582 (1983)

WILLIAM A. MASCOE
SURVEYING LTD.

94 CHURCH STREET
ST. CATHARINES, ONTARIO

DATE: AUGUST 19, 1987

FILE: 43

30M-164

Certificate of Registration

I certify that this plan, 30M-164, is registered in the Land Registry Office for the Land Titles Division of Niagara North (Reg. 30) at 3:14 o'clock on the 18 day of August, 1987, in accordance with the provisions of the Land Titles Act and the regulations made thereunder.

Corporation Plan No 5

Asst. Dir. LAND REGISTRAR

This plan, comprising part of Parcel 35-1, Section 35, is registered in the Land Registry Office for the Land Titles Division of Niagara North (Reg. 30) at 3:14 o'clock on the 18 day of August, 1987, in accordance with the provisions of the Land Titles Act and the regulations made thereunder.

Surveyor's Certificate

I certify that:
1. This survey and plan are correct and in accordance with the Surveyors Act and the Land Titles Act and the regulations made thereunder.
2. The survey was completed on the 18th day of August, 1987.

AUGUST 19, 1987
WILLIAM A. MASCOE
ONTARIO LAND SURVEYOR

Bearing Note

Bearings herein are astronomic and are referred to the westerly limit of Broadway as shown on Registered Plan No. 112 having a bearing of N2°34' E.

Legend

● denotes a survey monument set.
○ denotes a survey monument found.
IB denotes a staked iron bar.
G denotes an iron bar.
UR denotes a survey monument set.
UR denotes a survey monument found.
UR denotes a survey monument set.
UR denotes a survey monument found.

Owner's Certificate

This is to certify that:
1. Lots 1 to 25, both inclusive, Block 26 and the street, namely Brightline Court have been laid out in accordance with our instructions.
2. The street is hereby dedicated to the Corporation of the City of St. Catharines as a public highway.
Dated the 18th day of August, 1987.

SPECTRUM REALTY INC.
DONALD GIBBS
SECRETARY TREASURER

Donald Gibbs

