

RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Brunswick
E2L 2B9
Bid Fax: (506) 636-4376**

Request For a Standing Offer Demande d'offre à commandes

Regional Individual Standing Offer (RISO)
Offre à commandes individuelle régionale (OCIR)

Canada, as represented by the Minister of Public Works and Government Services Canada, hereby requests a Standing Offer on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et Services Gouvernementaux Canada, autorise par la présente, une offre à commandes au nom des utilisateurs identifiés énumérés ci-après.

Comments - Commentaires

All questions are to be submitted in writing to Gisèle Doucet - Email: gisele.doucet@pwgsc.gc.ca or Fax no. (506) 636-4376.

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Bruns
E2L 2B9

Title - Sujet RISO Floating PLant Dredging	
Solicitation No. - N° de l'invitation EC015-171940/A	Date 2016-11-07
Client Reference No. - N° de référence du client R.001681.001	GETS Ref. No. - N° de réf. de SEAG PW-\$PWB-004-3999
File No. - N° de dossier PWB-6-39135 (004)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-11-30	Time Zone Fuseau horaire Atlantic Standard Time AST
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Doucet, Gisele PWB	Buyer Id - Id de l'acheteur pwb004
Telephone No. - N° de téléphone (506)636-4541 ()	FAX No. - N° de FAX (506)636-4376
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF PUBLIC WORKS AND GOVERNMENT SERVICES CANADA Dominion Public Building 1045 MAIN ST MONCTON New Brunswick E1C1H1 Canada	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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 STANDING OFFER (RFSO)

IMPORTANT NOTICE TO OFFERORS

SUPPORT THE USE OF APPRENTICES

The Government of Canada proposes to support the employment of apprentices in federal construction and maintenance projects. Refer to SI09.

INTEGRITY PROVISIONS – OFFER

Changes have been made to the Integrity Provisions - Offer as of 2016-04-04. See GI01, Integrity Provision-Offer of the General Instructions for more information.

LISTING of SUBCONTRACTORS

As per GI06 you should provide using Annex B at Offer closing a list of Subcontractors that have 20% or more of the tendered price value.

PWGSC UPDATE ON ASBESTOS USE

Effective April 1, 2016, all Public Works and Government Services Canada (PWGSC) contracts for new construction and major rehabilitation will prohibit the use of asbestos-containing materials. Further information can be found at <http://www.tpsgc-pwgsc.gc.ca/comm/vedette-features/2016-04-19-00-eng.html>

ADDITION OF PERFORMANCE EVALUATION-CONTRACT

Take note of the additional paragraph to be included in clause R2810D identified in SC03.

ADDITION OF TERMINOLOGY

Take note of the additional paragraph to be included in clause R2810D identified in SC04.

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Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EC015-171940/A

pwb004

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

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

R.001681.001

PWC-6-39135

ANNEX A	VOLUNTARY REPORTS FOR APPRENTICES EMPLOYED DURING THE CONTRACT
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GENERAL INSTRUCTIONS TO OFFERORS – CONSTRUCTION SERVICES (GI)

GI01 (2016-04-04) Integrity provisions—Offer

1. The *Ineligibility and Suspension Policy* (the “Policy”) in effect on the date the offer solicitation is issued, and all related Directives in effect on that date, are incorporated by reference into, and form a binding part of the offer solicitation. The Offeror must comply with the Policy and Directives, which can be found at *Ineligibility and Suspension Policy*.
2. Under the Policy, charges and convictions of certain offences against a Offeror, its affiliates or first tier subcontractors, and other circumstances, will or may result in a determination by Public Works and Government Services Canada (PWGSC) that the Offeror is ineligible to enter, or is suspended from entering into a contract with Canada. The list of ineligible and suspended Suppliers is contained in PWGSC’s Integrity Database. The Policy describes how enquiries can be made regarding the ineligibility or suspension of Suppliers.
3. In addition to all other information required in the offer solicitation, the Offeror must provide the following:
 - a. by the time stated in the Policy, all information required by the Policy described under the heading “Information to be Provided when Offering, Contracting or Entering into a Real Property Agreement”; and
 - b. with its offer, a complete list of all foreign criminal charges and convictions pertaining to itself, its affiliates and its proposed first tier subcontractors that, to the best of its knowledge and belief, may be similar to one of the listed offences in the Policy. The list of foreign criminal charges and convictions must be submitted using an Integrity Declaration Form, which can be found at Declaration form for procurement.
4. Subject to subsection 5, by submitting an offer in response to this offer solicitation, the Offeror certifies that:
 - a. it has read and understands the *Ineligibility and Suspension Policy*;
 - b. it understands that certain domestic and foreign criminal charges and convictions, and other circumstances, as described in the Policy, will or may result in a determination of ineligibility or suspension under the Policy;
 - c. it is aware that Canada may request additional information, certifications, and validations from the Offeror or a third party for purposes of making a determination of ineligibility or suspension;
 - d. it has provided with its offer a complete list of all foreign criminal charges and convictions pertaining to itself, its affiliates and its proposed first tier subcontractors that, to the best of its knowledge and belief, may be similar to one of the listed offences in the Policy;
 - e. none of the domestic criminal offences, and other circumstances, described in the Policy that will or may result in a determination of ineligibility or suspension, apply to it, its affiliates and its proposed first tier subcontractors; and
 - f. it is not aware of a determination of ineligibility or suspension issued by PWGSC that applies to it.
5. Where an Offeror is unable to provide any of the certifications required by subsection 4, it must submit with its offer a completed Integrity Declaration Form, which can be found at Declaration form for procurement.
6. Canada will declare non-responsive any offer in respect of which the information requested is incomplete or inaccurate, or in respect of which the information contained in a certification or declaration is found by Canada to be false or misleading in any respect. If Canada establishes after award of the Contract that the Offeror provided a false or misleading certification or declaration, Canada may terminate the Contract for default. Pursuant to the Policy, Canada may also determine the Offeror to be ineligible for award of a contract for providing a false or misleading certification or declaration.

GI02 (2014-03-01) Completion of offer

1. The offer shall be

- a. submitted on the Offer and Acceptance Form provided through the Government Electronic Tendering Service (GETS) or on a clear and legible reproduced copy of such Offer and Acceptance Form that must be identical in content and format to the Offer and Acceptance Form provided through GETS;
 - b. based on the Offer Documents listed in the Special Instructions to Offerors;
 - c. correctly completed in all respects;
 - d. signed by a duly authorized representative of the Offeror; and
 - e. accompanied by
 - i. any other document or documents specified elsewhere in the solicitation where it is stipulated that said documents are to accompany the offer.
2. Subject to paragraph 6) of GI11, any alteration to the pre-printed or pre-typed sections of the Offer and Acceptance Form, or any condition or qualification placed upon the offer may be cause for disqualification. Alterations, corrections, changes or erasures made to statements or figures entered on the Offer and Acceptance Form by the Offeror shall be initialed by the person or persons signing the offer. Alterations, corrections, changes or erasures that are not initialed shall be deemed void and without effect.
3. Unless otherwise noted elsewhere in the Offer Documents, facsimile copies of offers are not acceptable.
4. Canada will make available Notices of Proposed Procurement (NPP), offer solicitations and related documents for download through the Government Electronic Tendering Service (GETS). Canada is not responsible and will not assume any liabilities whatsoever for the information found on websites of third parties. In the event an NPP, offer solicitation or related documentation would be amended, Canada will not be sending notifications. Canada will post all amendments, including significant enquiries received and their replies, using GETS. It is the sole responsibility of the Offeror to regularly consult GETS for the most up-to-date information. Canada will not be liable for any oversight on the Offeror's part nor for notification services offered by a third party.

GI03 (2015-02-25) Identity or legal capacity of the Offeror

In order to confirm the authority of the person or persons signing the offer or to establish the legal capacity under which the Offeror proposes to enter into Contract, any Offeror who carries on business in other than its own personal name shall, if requested by Canada, provide satisfactory proof of

- a. such signing authority; and
- b. the legal capacity under which it carries on business;

prior to contract award. Proof of signing authority may be in the form of a certified copy of a resolution naming the signatory(ies) that is (are) authorized to sign this offer on behalf of the corporation or partnership. Proof of legal capacity may be in the form of a copy of the articles of incorporation or the registration of the business name of a sole proprietor or partnership.

GI04 (2015-02-25) Applicable Taxes

"Applicable Taxes" means the Goods and Services Tax (GST), the Harmonized Sales Tax (HST), and any provincial tax, by law, payable by Canada such as, the Quebec Sales Tax (QST) as of April 1, 2013.

GI05 (2015-02-25) Capital development and redevelopment charges

For the purposes of GC1.8, of R2810T "Laws, Permits and Taxes", in the General Conditions of the Contract, only fees or charges directly related to the processing and issuing of building permits shall be included. The Offeror shall not include any monies in the offer amount for special municipal development, redevelopment or other fees or charges which a municipal authority may seek as a prerequisite to the issuance of building permits.

GI06 (2015-02-25) Listing of Subcontractors and Suppliers

Notwithstanding any list of Subcontractors that the Offeror may be required to submit as part of the offer, the Offeror shall, within 48 hours of receipt of a notice to do so, submit all information requested in the said notice including the names of

Subcontractors and Suppliers for the part or parts of the Work listed. Failure to do so shall result in the disqualification of its offer.

GI07 (2014-03-01) Submission of offer

1. The Offer and Acceptance Form, duly completed, shall be enclosed and sealed in an envelope provided by the Offeror, and shall be addressed and submitted to the office designated on the Front Page "Invitation to Tender" for the receipt of offers. The offer must be received on or before the date and time set for solicitation closing.
2. Unless otherwise specified in the Special Instructions to Offerors
 - a. the offer shall be in Canadian currency;
 - b. the requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All offers including such provision will render the offer non-responsive.
3. Prior to submitting the offer, the Offeror shall ensure that the following information is clearly printed or typed on the face of the offer envelope:
 - a. Solicitation Number;
 - b. Name of Offeror;
 - c. Return address; and
 - d. Closing Date and Time.
4. Timely and correct delivery of offers is the sole responsibility of the Offeror.

GI08 (2010-01-11) Revision of offer

1. An offer submitted in accordance with these instructions may be revised by letter or facsimile provided the revision is received at the office designated for the receipt of offers, on or before the date and time set for the closing of the solicitation. The letter or facsimile shall be on the Offeror's letterhead or bear a signature that identifies the Offeror.
2. A revision to a offer that includes unit prices must clearly identify the change(s) in the unit price(s) and the specific item(s) to which each change applies.
3. A letter or facsimile submitted to confirm an earlier revision should be clearly identified as a confirmation.
4. Failure to comply with any of the above provisions may result in the rejection of the non-compliant revision(s) only. The offer shall be evaluated based on the original offer submitted and all other compliant revision(s).

GI09 (2014-09-25) Rejection of offer

1. Canada may accept any offer, whether it is the lowest or not, or may reject any or all offers.
2. Without limiting the generality of paragraph 1) of GI11, Canada may reject an offer if any of the following circumstances is present:
 - a. the Offeror's offering privileges are suspended or are in the process of being suspended;
 - b. the offering privileges of any employee or subcontractor included as part of the offer are suspended or are in the process of being suspended, which suspension or pending suspension would render that employee or subcontractor ineligible to offer on the Work, or the portion of the Work the employee or subcontractor is to perform;
 - c. the Offeror is bankrupt, or where for whatever reason, its activities are rendered inoperable for an extended period;
 - d. evidence, satisfactory to Canada, of fraud, bribery, fraudulent misrepresentation or failure to comply with any law protecting individuals against any manner of discrimination, has been received with respect to the Offeror, any of its employees or any subcontractor included as part of its offer;

- e. evidence satisfactory to Canada that based on past conduct or behavior, the Offeror, a sub-contractor or a person who is to perform the Work is unsuitable or has conducted himself/herself improperly;
 - f. with respect to current or prior transactions with Canada
 - i. Canada has exercised, or intends to exercise, the contractual remedy of taking the work out of the contractor's hands with respect to a contract with the Offeror, any of its employees or any subcontractor included as part of its offer; or
 - ii. Canada determines that the Offeror's performance on other contracts is sufficiently poor to jeopardize the successful completion of the requirement being offer on.
3. In assessing the Offeror's performance on other contracts pursuant to subparagraph 2)(f)(ii) of GI11, Canada may consider, but not be limited to, such matters as:
- a. the quality of workmanship in performing the Work;
 - b. the timeliness of completion of the Work;
 - c. the overall management of the Work and its effect on the level of effort demanded of the department and its representative; and
 - d. the completeness and effectiveness of the Contractor's safety program during the performance of the Work.
4. Without limiting the generality of paragraphs 1), 2) and 3) of GI11, Canada may reject any offer based on an unfavourable assessment of the
- a. adequacy of the offer price to permit the work to be carried out and, in the case of a offer providing prices per unit, whether each such price reasonably reflects the cost of performing the part of the work to which that price applies;
 - b. Offeror's ability to provide the necessary management structure, skilled personnel, experience and equipment to perform competently the work under the Contract; and
 - c. Offeror's performance on other contracts.
5. Where Canada intends to reject an offer pursuant to a provision of paragraphs 1), 2), 3) or 4) of GI11, other than subparagraph 2)(a) of GI11, the contracting Authority will inform the Offeror and provide the Offeror ten (10) days within which to make representations, before making a final decision on the offer rejection.
6. Canada may waive informalities and minor irregularities in offers received if Canada determines that the variation of the offer from the exact requirements set out in the Offer Documents can be corrected or waived without being prejudicial to other Offerors.

GI10 (2015-02-25) Offer costs

No payment will be made for costs incurred in the preparation and submission of an offer in response to the offer solicitation. Costs associated with preparing and submitting an offer, as well as any costs incurred by the Offeror associated with the evaluation of the offer, are the sole responsibility of the Offeror.

GI11 (2015-02-25) Procurement Business Number

Offerors are required to have a Procurement Business Number (PBN) before Contract award. Offerors may register for a PBN in the Supplier Registration Information system on the [Contracts Canada](#) Web site. For non-Internet registration, Offerors may contact the nearest [Supplier Registration Agent](#).

GI12 (2013-04-25) Compliance with applicable laws

1. By submission of an offer, the Offeror certifies that the Offeror has the legal capacity to enter into a contract and is in possession of all valid licences, permits, registrations, certificates, declarations, filings, or other authorizations necessary to comply with all federal, provincial and municipal laws and regulations applicable to the submission of the offer and entry into any ensuing contract for the performance of the work.

2. For the purpose of validating the certification in paragraph 1) of GI14, a Offeror shall, if requested, provide a copy of every valid licence, permit, registration, certificate, declaration, filing or other authorization listed in the request, and shall provide such documentation within the time limit(s) set out in the request.
3. Failure to comply with the requirements of paragraph 2) of GI14 shall result in disqualification of the offer.

GI13 (2015-02-25) Approval of alternative materials

When materials are specified by trade names or trademarks, or by manufacturers' or suppliers' names, the offer shall be based on use of the named materials. During the solicitation period, alternative materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the alternative materials are approved for the purposes of the offer, an addendum to the offer documents shall be issued.

GI14 (2010-01-11) Performance evaluation

1. Offerors shall take note that the performance of the Contractor during and upon completion of the work shall be evaluated by Canada. The evaluation shall be based on the quality of workmanship; timeliness of completion of the work; project management, contract management and management of health and safety. Should the Contractor's performance be considered unsatisfactory, the Contractor's offering privileges on future work may be suspended indefinitely.
2. The form PWGSC-TPSGC 2913, SELECT - Contractor Performance Evaluation Report Form, is used to record the performance.

GI15 (2011-05-16) Conflict of interest—unfair advantage

1. In order to protect the integrity of the procurement process, Offerors are advised that Canada may reject an offer in the following circumstances:
 - a. if the Offeror, any of its subcontractors, any of their respective employees or former employees was involved in any manner in the preparation of the offer solicitation or in any situation of conflict of interest or appearance of conflict of interest;
 - b. if the Offeror, any of its subcontractors, any of their respective employees or former employees had access to information related to the offer solicitation that was not available to other Offerors and that would, in Canada's opinion, give or appear to give the Offeror an unfair advantage.
2. The experience acquired by a Offeror who is providing or has provided the goods and services described in the offer solicitation (or similar goods or services) will not, in itself, be considered by Canada as conferring an unfair advantage or creating a conflict of interest. This Offeror remains however subject to the criteria established above.
3. Where Canada intends to reject an offer under this section, the Contracting Authority will inform the Offeror and provide the Offeror an opportunity to make representations before making a final decision. Offerors who are in doubt about a particular situation should contact the Contracting Authority before offer closing. By submitting an offer, the Offeror represents that it does not consider itself to be in conflict of interest nor to have an unfair advantage. The Offeror acknowledges that it is within Canada's sole discretion to determine whether a conflict of interest, unfair advantage or an appearance of conflict of interest or unfair advantage exists.

GI16 (2016-04-04) Code of Conduct for Procurement—offer

The *Code of Conduct for Procurement* provides that Offerors must respond to offer solicitations in an honest, fair and comprehensive manner, accurately reflect their capacity to satisfy the requirements set out in the offer solicitation and resulting contract, submit offers and enter into contracts only if they will fulfill all obligations of the Contract. By submitting an offer, the Offeror is certifying that it is complying with the *Code of Conduct for Procurement*. Failure to comply with the *Code of Conduct for Procurement* may render the offer non-responsive.

SPECIAL INSTRUCTIONS TO OFFEROR'S (SI)

SI01 INTRODUCTION

1. Public Works and Government Services Canada (PWGSC) is inviting Offerors to submit proposals for Standing Offers. The selected offerors shall provide a range of services as identified in the Statement of Work section of this document.
2. It is PWGSC's intention to authorize up to two (2) Standing Offers, for a period of two (2) years, based on right of first refusal. The total dollar value of all Standing Offers is estimated to be \$4,613,225.00 (HST included). Individual call-ups will vary, up to a maximum of \$100,000.00 (HST included). Offerors should note that there is no guarantee that the full or any amount of the Standing Offers will be called-up; PWGSC will issue call-ups only when the specific services to be provided under the Standing Offer are needed. Please refer to Section SOP04, CALL-UP PROCEDURE.

SI02 OFFER DOCUMENTS

1. The following are the offer documents:
 - a. Invitation to Tender - Page 1;
 - b. Special Instructions to Offerors;
 - c. General Instructions to Offeror's- Construction Services
 - d. Clauses & Conditions identified in "Contract Documents";
 - e. Drawings and Specifications;
 - f.. Price Proposal form and related Appendix(s); and
 - g. Any amendment issued prior to solicitation closing.

Submission of an offer constitutes acknowledgement that the Offeror has read and agrees to be bound by these documents.

2. Offers received by fax will be accepted as official.

GI07, add following paragraph;

5.Offers received by fax will be accepted as official and must meet the following requirements

- a. Must be completed on the Price Proposal Form
- b. Must indicate
 - Request for standing offer number
 - Solicitation number
 - Offeror's name
 - Closing Date and Time
- c. Must be received before offer closing time at fax number (506) 636-4376

SI03 ENQUIRIES DURING THE SOLICITATION PERIOD

1. Enquiries regarding this offer must be submitted in writing to the Contracting Officer named on the Request for Standing Offer (RFSO). Enquiries should be received no later than five (5) calendar days prior to the date set or

solicitation closing to allow sufficient time to provide a response. Enquiries received after that time may not result in an answer being provided.

2. To ensure consistency and quality of the information provided to Offerors the Contracting Officer shall examine the content of the enquiry and shall decide whether or not to issue an amendment.
3. All enquiries and other communications related to this offer sent throughout the solicitation period are to be directed ONLY to the Contracting Officer named on the RFSO - Page 1. Failure to comply with this requirement may result in the offer being declared non-responsive.

SI04 CONTRACTING AUTHORITY / DEPARTMENTAL REPRESENTATIVE

1. The Contracting Authority for this Request for Standing Offer is:

Gisèle Doucet
Public Works and Government Services Canada
Acquisitions Branch
Real Property Contracting
189 Prince William, Room 405
Saint John, N.B.
E2L 2B9

Telephone: (506) 636-4541

Facsimile: (506) 636-4376

E-mail address: gisele.doucet@pwgsc.gc.ca

The Contracting Authority is responsible for the establishment of the Standing Offer, its administration, and any contractual issues relating to individual call-ups.

2. A Departmental Representative will be identified at time of each individual Call-Up. The Departmental Representative will be responsible for all matters concerning the technical content of the work under the Call-Up.

SI05 QUANTITY

The amount of work and estimated expenditure specified in the RFSO are only an approximation of requirements. The making of an offer by the Offeror shall not constitute an agreement by Canada. Canada may make one or several call-ups against a standing offer.

SI06 PWGSC OBLIGATION

A RFSO does not commit PWGSC to authorize the utilization of a standing offer or to pay any cost incurred in the submission of offers, or cost incurred in making necessary studies for the preparation thereof, or to procure or contract for any services. PWGSC reserves the right to reject or authorize for utilization any offer in whole or in part, with or without further discussion or negotiation. Canada reserves the right to cancel or amend the RFSO at any time.

SI07 REVISION OF OFFER

An offer may be revised by letter or facsimile in accordance with "General Instructions to Offerors – Construction Services to Offerors". The facsimile number for receipt of revisions is (506) 636-4376.

SI08 OFFER VALIDITY PERIOD

1. The offer cannot be withdrawn for the period of sixty (60) days following the RFSO closing date.
2. Canada reserves the right to seek an extension to the offer validity period. Upon notification in writing from Canada, Offerors shall have the option to either accept or reject the proposed extension.

3. If the extension referred to in paragraph 2 of SI08 is accepted, in writing, by all those who submitted offers, then Canada shall continue immediately with the evaluation of the offers and its approvals processes.
4. If the extension referred to in paragraph 2 of SI08 is not accepted in writing by all those who submitted offers then Canada shall, at its sole discretion, either
 - a. continue to evaluate the offers of those who have accepted the proposed extension and seek the necessary approvals; or
 - b. cancel the request for proposal.
5. The provisions expressed herein do not in any manner limit Canada's rights in law or under G109 "General Instructions to Offerors – Construction Services".

SI09 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA APPRENTICE PROCUREMENT INITIATIVE

1. To encourage employers to participate in apprenticeship training, Contractors offering on construction and maintenance contracts by Public Works and Government Services Canada (PWGSC) are being asked to sign a voluntary certification, signaling their commitment to hire and train apprentices.
2. Canada is facing skills shortages across various sectors and regions, especially in the skilled trades. Equipping Canadians with skills and training is a shared responsibility. The Government of Canada made a commitment to support the use of apprentices in federal construction and maintenance contracts. Contractors have an important role in supporting apprentices through hiring and training and are encouraged to certify that they are providing opportunities to apprentices as part of doing business with the Government of Canada.
3. The Government of Canada is encouraging apprenticeships and careers in the skilled trades. In addition, the government offers a tax credit to employers to encourage them to hire apprentices. Information on this tax measure administered by the Canada Revenue Agency can be found at: www.cra-arc.gc.ca. Employers are also encouraged to find out what additional information and supports are available from their respective provincial or territorial jurisdiction.
4. Signed certifications (Appendix 5) will be used to better understand contractor use of apprentices on Government of Canada maintenance and construction contracts and may inform future policy and program development.
5. The Contractor hereby certifies the following:

In order to help meet demand for skilled trades people, the Contractor agrees to use, and require its subcontractors to use, reasonable commercial efforts to hire and train registered apprentices, to strive to fully utilize allowable apprenticeship ratios* and to respect any hiring requirements prescribed by provincial or territorial statutes

The Contractor hereby consents to this information being collected and held by PWGSC, and Employment and Social Development Canada to support work to gather data on the hiring and training of apprentices in federal construction and maintenance contracts.

To support this initiative, a voluntary certification signaling the Contractor's commitment to hire and train apprentices is available at APPENDIX 5.

If you accept fill out and sign APPENDIX 5

** The journey person-apprentice ratio is defined as the number of qualified/certified journey persons that an employer must employ in a designated trade or occupation in order to be eligible to register an apprentice as determined by provincial/territorial (P/T) legislation, regulation, policy directive or by law issued by the responsible authority or agency.*

S110 WEB SITES

The connection to some of the Web sites in the solicitation documents is established by the use of hyperlinks. The following is a list of the addresses of the Web sites:

Buy and Sell <https://www.achatsetventes-buyandsell.gc.ca>

Canadian economic sanctions <http://www.international.gc.ca/sanctions/index.aspx?lang=eng>

Contractor Performance Evaluation Report (Form PWGSC-TPSGC 2913)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/2913.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

PWGSC, Industrial Security Services <Http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>

PWGSC, Code of Conduct and Certifications

<http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html>

Construction and Consultant Services Contract Administration Forms Real Property Contracting

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

Declaration Form

<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>

STANDING OFFER PARTICULARS

SOP01 GENERAL

1. The Offeror acknowledges that a standing offer is not a contract and that the issuance of a Standing Offer and Call-up Authority does not oblige or commit Canada to procure or contract for any services listed in the Standing Offer.
2. The Offeror offers to provide and deliver to Canada the services described in the Standing Offer, in accordance with the pricing set out in the Request for Standing Offer if, and when the Contracting Authority may request such services, in accordance with the conditions listed at subsection 3 below.
3. The Offeror understands and agrees that:
 - a. a call-up against the Standing Offer will form a contract only for those services which have been called-up, provided that such call-up is made in accordance with the provisions of the Standing Offer;
 - b. Canada's liability is limited to that which arises from call-ups against the Standing Offer made within the period specified in the Standing Offer;
 - c. Canada has the right to procure the services specified in the Standing Offer by means of any other contract, standing offer or contracting method;
 - d. the Standing Offer cannot be assigned or transferred in whole or in part;
 - e. the Standing Offer may be set aside by Canada at any time.

SOP02 PERIOD OF THE STANDING OFFER

The period for placing call-ups against the Standing Offer shall be for two (2) years commencing from the start date identified on the Standing Offer.

SOP03 CALL-UP LIMITATION

Each call-up against the Standing Offer will have a maximum limitation of expenditure of \$100,000.00 (Applicable Taxes included).

SOP04 CALL-UP PROCEDURE

1. Services will be called-up as follows:
 - a. The call-up procedures require that when a requirement is identified, the identified user will contact the highest-ranked offeror to determine if the requirement can be satisfied by that offeror. If the highest-ranked offeror is able to meet the requirement, a call-up is made against its standing offer. If that offeror is unable to meet the requirement, the identified user will contact the next ranked offeror. The identified user will continue and proceed as above until one offeror indicates that it can meet the requirement of the call-up.
 - b. For each individual call-up the Offeror will be provided the scope of work and will submit an offer to the Departmental Representative in accordance with the unit rates established under the Standing Offer. The Contractor's offer shall include all of the work as specified including; mobilizing, sub-trades, materials, labour, tools, administration fees and supervision including building permits as per local regulations.

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2. The Offeror will be authorized in writing by the Contracting Authority to proceed with the work by issuance of a Call-up against the Standing Offer using form 2829.
3. Any proposed changes to the scope of work are to be discussed with the Departmental Representative but any resulting changes can only be authorized by an amendment issued by the Contracting Authority.

SOP05 STANDING OFFER RESPONSIBLESStanding Offer Contracting Authority is:

Gisèle Doucet
Public Works and Government Services Canada
Acquisitions Branch
Real Property Contracting
189 Prince William, Room 405
Saint John, N.B.
E2L 2B9

Telephone: (506) 636-4541
Facsimile: (506) 636-4376
E-mail address: gisele.doucet@pwgsc.gc.ca

The Contracting Authority is responsible for the establishment and administration of the Standing Offer and it's revision if needed. The Contracting Authority is responsible for all contractual related questions regarding call-ups.

Standing Offer Technical Authority is :

The Technical Authority represents the Department or Organisation for which the works are executed within a call-up. The Technical Authority is responsible for all technical related questions regarding call-ups.

Name : _____

Title : _____

Department : _____

Division : _____

Telephone : ____ - ____ - _____

e-mail : _____

The selected contractor for the standing offer is :

Name : _____

Contact : _____

Address : _____

Telephone : ____ - ____ - _____

e-mail : _____

SUPPLEMENTARY CONDITIONS (SC)

SC01 LIMITATION OF LIABILITY

GC1.6 of R2810D is deleted and replaced with the following:

GC1.6 Indemnification by the Contractor

1. The Contractor shall indemnify and save Canada harmless from and against all claims, demands, losses, costs, damages, actions, suits, or proceedings whether in respect to losses suffered by Canada or in respect of claims by any third party, brought or prosecuted and in any manner based upon, arising out of, related to, occasioned by, or attributable to the activities of the Contractor in performing the Work, provided such claims are caused by the negligent or deliberate acts or omissions of the Contractor, or those for whom it is responsible at law.
2. The Contractor's obligation to indemnify Canada for losses related to first party liability shall be limited to:
 - a. In respect to each loss for which insurance is to be provided pursuant to the insurance requirements of the Contract, the Commercial General Liability insurance limit for one occurrence, as referred to in the insurance requirements of the Contract.
 - b. In respect to losses for which insurance is not required to be provided in accordance with the insurance requirements of the Contract the greater of the Contract Amount or \$5,000,000, but in no event shall the sum be greater than \$20,000,000.

The limitation of this obligation shall be exclusive of interest and all legal costs and shall not apply to any infringement of intellectual property rights or any breach of warranty obligations.

3. The Contractor's obligation to indemnify Canada for losses related to third party liability shall have no limitation and shall include the complete costs of defending any legal action by a third party. If requested by Canada, the Contractor shall defend Canada against any third party claims.
4. The Contractor shall pay all royalties and patent fees required for the performance of the Contract and, at the Contractor's expense, shall defend all claims, actions or proceedings against Canada charging or claiming that the Work or any part thereof provided or furnished by the Contractor to Canada infringes any patent, industrial design, copyright trademark, trade secret or other proprietary right enforceable in Canada.
5. Notice in writing of a claim shall be given within a reasonable time after the facts, upon which such claim is based, became known.

SC02 INSURANCE TERMS

1) Insurance Contracts

- (a) The Contractor must, at the Contractor's expense, obtain and maintain insurance contracts in accordance with the requirements of the Certificate of Insurance. Coverage must be placed with an Insurer licensed to carry out business in Canada.
- (b) Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract. The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

2) Period of Insurance

- (a) The policies required in the Certificate of Insurance must be in force and be maintained throughout the duration of the standing offer period.
- (b) The Contractor must be responsible to provide and maintain coverage for Products/Completed Operations hazards on its Commercial General Liability insurance policy, for a period of six (6) years beyond the date of the Certificate of Substantial Performance.

3) Proof of Insurance

- (a) Before commencement of the Work, and no later than thirty (30) days after acceptance of its offer, the Contractor must deposit with Canada a Certificate of Insurance on the form attached herein.
- (b) Upon request by Canada, the Contractor must provide originals or certified true copies of all contracts of insurance maintained by the Contractor pursuant to the Certificate of Insurance.

4) Insurance Proceeds

In the event of a claim, the Contractor must, without delay, do such things and execute such documents as are necessary to effect payment of the proceeds.

5) Deductible

The payment of monies up to the deductible amount made in satisfaction of a claim must be borne by the Contractor.

SC03 PERFORMANCE EVALUATION-CONTRACT

R2810D General Condition is modified to include the following GC1.22.

1. Contractors shall take note that the performance of the Contractor during and upon completion of the services shall be evaluated by Canada. The evaluation includes all or some of the following criteria:
 - a. quality of workmanship
 - b. time
 - c. project management
 - d. contract management
 - e. health and safety
2. A weighting factor of 20 points will be assigned to each of the five criteria as follows:
 - a. unacceptable: 0 to 5 points
 - b. not satisfactory: 6 to 10 points
 - c. satisfactory: 11 to 16 points
 - d. superior: 17 to 20 points
3. The consequences resulting from the performance evaluation are as follows:
 - a. For an overall rating of 85% or higher, a congratulation letter is sent to the Contractor.
 - b. For an overall rating of between 51% and 84%, a standard, meets expectations letter, is sent to the Contractor.
 - c. For an overall rating of between 30% and 50%, a warning letter is sent to the Contractor indicating that if, within the next two (2) years, they receive 50% or less on another evaluation, the firm may be suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.
 - d. For an overall rating of less than 30%, a suspension letter is sent to the Contractor indicating that the firm is suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.

- e. For a rating of 5 points or less on any one criterion, a suspension letter is sent to the Contractor indicating that the firm is suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.

The form PWGSC-TPSGC 2913, Select - Contractor Performance Evaluation Report (CPERF), is used to record the performance.

SC04 INTERPRETATION

R2810D General Condition GC1.1.2 Terminology is modified to include the following,

“Architectural and Engineering Services”:

means services to provide a range of investigation and recommendation reports, planning, design, preparation, or supervision of the construction, repair, renovation or restoration of a work and includes contract administration services, for real property projects.

“Construction Services”:

means construction, repair, renovation or restoration of any work except a vessel and includes; the supply and erection of a prefabricated structure; dredging; demolition; environmental services related to a real property; or, the hire of equipment to be used in or incidentally to the execution of any construction services referred to above.

“Facility Maintenance Services”:

means services related to activities normally associated with the maintenance of a facility and keeping spaces, structures and infrastructure in proper operating condition in a routine, scheduled, or anticipated fashion to prevent failure and/or degradation including inspection, testing, servicing, classification as to serviceability, repairs, rebuilding and reclamation, as well as cleaning, waste removal, snow removal, lawn care, replacement of flooring, lighting or plumbing fixtures, painting and other minor works.

CALL-UPS CLAUSES OR RESULTING CONTRACT DOCUMENTS (CD)

1. The following are the "call up" contract documents:

- a. Contract Page when signed by Canada;
- b. Duly completed Price Proposal Form and any Appendices attached thereto;
- c. Drawings and Specifications;
- d. General Conditions and clauses

GC1 General Provisions – Construction Services	R2810D	(2016-04-04);
GC2 Administration of the Contract	R2820D	(2016-01-28);
GC3 Execution and Control of the Work	R2830D	(2015-02-25);
GC4 Protective Measures	R2840D	(2008-05-12);
GC5 Terms of Payment	R2550D	(2016-01-28);
GC6 Delays and Changes in the Work	R2860D	(2016-01-28);
GC7 Default, Suspension or Termination of Contract	R2870D	(2008-05-12);
GC8 Dispute Resolution	R2884D	(2016-01-28);
GC9 N/A		
GC10 Insurance	R2900D	(2008-05-12);
Allowable Costs for Contract Changes under GC6.4.1	R2950D	(2015-02-25);
Supplementary Conditions		
- e. Any amendment issued or any allowable offer revision received before the date and time set for solicitation closing;
- f. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the offer; and
- g. Any amendment or variation of the contract documents that is made in accordance with the General Conditions.

2. The documents identified by title, number and date above are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

3. The language of the contract documents is the language of the Price Proposal Form submitted.

APPENDIX 1 PRICE PROPOSAL FORM

BA01 IDENTIFICATION

**Floating Plant Dredging
Various Locations, New Brunswick**

BA02 BUSINESS NAME AND ADDRESS OF OFFEROR

Name: _____

Address: _____

Telephone: _____ Fax: _____ PBN: _____

E-mail address: _____

BA03 THE OFFER / PRICING SCHEDULE

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017- 2019**Production 100 cmpm/hr (Group A)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	40	\$	\$
2	Dredging per Day – Dredging production 100 cmpm/hr	Per Day	150	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017 – 2019**Production 80 cmpm/hr (Group A)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	20	\$	\$
2	Dredging per Day – Dredging production 80 cmpm/hr	Per Day	50	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017 – 2019**Production 50 cmpm/hr (Group A)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	10	\$	\$
2	Dredging per Day – Dredging production 50 cmpm/hr	Per Day	35	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017 - 2019**Production 100 cmpm/hr (Group B)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	8	\$	\$
2	Dredging per Day – Dredging production 100 cmpm/hr	Per Day	30	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017 – 2019**Production 80 cmpm/hr (Group B)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	8	\$	\$
2	Dredging per Day – Dredging production 80 cmpm/hr	Per Day	30	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

UNIT PRICE TABLE – FLOATING PLANT DREDGING 2017 - 2019**Production 50 cmpm/hr (Group B)**

Item	Class of Labour, Plant or Material	Unit of Measure	Estimated Hrs / Qty	Unit Price	Total Price
1	Mobilization and demobilization	Lump sum	10	\$	\$
2	Dredging per Day – Dredging production 50 cmpm/hr	Per Day	65	\$	\$
<u>Total Estimated Amount used for Evaluation</u>					\$ _____

Note: The estimated quantity entered in column four for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

A rate must be entered for each item for one of the six Unit Price Schedules.

Note: Offerors are not required to submit offers for all unit price schedules.

The Offeror agrees that the Price(s) per Unit as tendered govern in calculating the Total Evaluated Price. The Offeror understands that any errors in the extension of the Price per Unit, in the addition of the Estimated Total Price, and Estimated Amount will be corrected in order to obtain the Total Evaluation Price.

Costs will be evaluated on the Total Estimated Amount. It is anticipated that two (2) Standing Offers will be issued for each Unit Price Schedule.

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

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

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

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BA04 OFFER VALIDITY PERIOD

The offer shall not be withdrawn for a period of sixty (60) days following the date of solicitation closing.

BA05 SIGNATURE

Name and title of person authorized to sign on behalf of Offerer (Type or print)

Signature

Date

Solicitation No. - N° de l'invitation

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

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Amd. No. - N° de la modif.

File No. - N° du dossier

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CCC No./N° CCC - FMS No./N° VME

APPENDIX 3 SPECIFICATIONS

See attachments

APPENDIX 4

EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers, including the financial evaluation criteria.

1.1 Financial Evaluation

Offerors will be evaluated on the basis of the lowest overall Total Estimated Amount for each individual Unit Price Schedule (see Appendix 1) and will be in Canadian dollars, the Harmonized Sales Tax (HST) excluded. However, the offerors are not required to submit offers for all unit price schedules.

The Total Evaluated Price on each individual Unit Price Schedule will be calculated using the estimated usage figures on the Pricing Schedule (See Appendix 1). Offerors are required to bid on all line items in the Pricing Schedule or their offer may be considered non-responsive.

2. Basis of Selection

An offer must comply with the requirements of the Request for Standing Offers to be declared responsive. The responsive offer with the lowest evaluated price will be recommended for issuance of a Standing Offer. Responsive offers with the second, third, fourth and fifth lowest prices will then be ranked in that order. Canada reserves the right to issue up to two (2) Standing Offers for each Unit Price Schedule.

Right of First Refusal Basis:

The call-up procedures require that when a requirement is identified, the identified user will contact the highest ranked offer to determine if the requirement can be satisfied by that offeror. If the highest-ranked offeror is able to meet the requirement, a call-up is made against its standing offer. If that offeror is unable to meet the requirement, the identified user will contact the next ranked offeror. The identified user will continue and proceed as above until one offeror indicates that it can meet the requirement of the call-up.

APPENDIX 5

VOLUNTARY CERTIFICATION TO SUPPORT THE USE OF APPRENTICES

Note; The contractor will be asked to fill out a report every six months as included a Annex C

Name: _____

Signature: _____

Company Name: _____

Company Legal Name: _____

Solicitation Number: _____

Optional information to provide: _____

Number of apprentices planned to be working on this contract: _____

Trades of those apprentices:

A sample of the "Voluntary Reports for Apprentices Employed during the Contract" is provided at Annex C

ANNEX B

LISTING OF SUBCONTRACTORS

- 1) In accordance with GI06 – Listing of Subcontractors and Suppliers of R2410T- General Instructions - Construction Services, the Offeror should provide a list of Subcontractors with his Offer.
- 2) The Offeror should submit the list of Subcontractors and for any portion of the Work valued at 20% or greater of the submitted Offer Price.

	Subcontractor	Division	Estimated value of work
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

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ANNEX C
List of Proposed Equipment to be Used

Item	Name	Type of equipment / materials	Year Built	Capacity (Size, HP, etc.)	Other features	Average production rate Cubic meter/hr

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History of Dredging Locations

Complete this form and have available should you be requested to submit information. Start with the most recent dredging contract.

Dredge Name:

Year / month / day	Location of work or equipment storage	Demobilization processes (invasive species)	Comments

Solicitation No. - N° de l'invitation

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Buyer ID - Id de l'acheteur

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File No. - N° du dossier

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ANNEX D
CERTIFICATE OF INSURANCE (Not required at offer closing)

CERTIFICATE OF INSURANCE

Page 1 of 2



Travaux publics et
Services gouvernementaux
Canada

Public Works and
Government Services
Canada

Description and Location of Work Standing Offer – Floating Plant Dredging, Various Locations, Restigouche, Gloucester, Northumberland, Kent and Westmorland Cos., N.B.	Contract No. N/A
	Project No. R.001681.001

Name of Insurer, Broker or Agent	Address (No., Street)	City	Province	Postal Code
Name of Insured (Contractor)	Address (No., Street)	City	Province	Postal Code
Additional Insured Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services				

Type of Insurance	Insurer Name and Policy Number	Inception Date D / M / Y	Expiry Date D / M / Y	Limits of Liability		
				Per Occurrence	Annual General Aggregate	Completed Operations Aggregate
Commercial General Liability				\$	\$	\$
				\$	\$	\$
				\$		

I certify that the above policies were issued by insurers in the course of their Insurance business in Canada, are currently in force and include the applicable insurance coverage's stated on page 2 of this Certificate of Insurance, including advance notice of cancellation / reduction in coverage.

Name of person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker)

Telephone number

Signature

Date D / M / Y

General

The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverage listed under the corresponding type of insurance on this page.

The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services as an additional Insured.

The insurance policies must be endorsed to provide Canada with not less than thirty (30) days notice in writing in advance of a cancellation of insurance or any reduction in coverage.

Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

Commercial General Liability

The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.

The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:

- (a) Blasting.
- (b) Pile driving and caisson work.
- (c) Underpinning.
- (d) Removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor.

The policy must have the following minimum limits:


- (a) **\$5,000,000** Each Occurrence Limit;
- (b) **\$10,000,000** General Aggregate Limit per policy year if the policy contains a General Aggregate; and
- (c) **\$5,000,000** Products/Completed Operations Aggregate Limit.

Umbrella or excess liability insurance may be used to achieve the required limits.

Floating Plant Dredging List of Contents
Various Locations
New Brunswick
WSBE R.001681.001

Section 00 01 11
Page 1
October 2016

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 01 - General Requirements</u>		
01 11 00	Summary of Work	5
01 35 29	HEALTH AND SAFETY REQUIREMENTS	11
01 35 44	Environmental Protection	8
<u>Division 35 - Waterway and Marine Construction</u>		
35 20 23	Dredging	11

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<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 01 - General Requirements</u>		
01 11 00	Summary of Work	5
01 35 29	HEALTH AND SAFETY REQUIREMENTS	11
01 35 44	Environmental Protection	9
<u>Division 35 - Waterway and Marine Construction</u>		
35 20 23	Dredging	12
Appendix "A"		
MAP and Drawings - Multi Site Dredging Locations		17
END		

1 Description

- .1 Work under this Standing Offer Agreement is for floating plant dredging for two (2) year period between March 2017 and March 2019 when and where requested at various public wharves and entrance channels (including gullies) along the east coast of the province of New Brunswick, including sites in Restigouche, Gloucester, Northumberland, Kent and Westmorland Counties.

The sites include but may not necessarily be limited to the following wharf locations:

Group A

- .1 Botsford (Murray Corner)
- .2 Petit-Cap
- .3 Cap-Pelé
- .4 Les Aboiteaux (Dupuis Corner)
- .5 Cap-des-Caissie
- .6 Cormierville (Barre-de-Cocagne)
- .7 Saint-Edouard-de-Kent
- .8 Côte-Sainte-Anne (Chockpish)
- .9 Cap-Lumière
- .10 Blacklands Gully (July, August)
- .11 Loggiecroft (July, August)
- .12 Pointe-Sapin
- .13 Escuminac

Group B

- .14 Miller Brook (Salmon River)
- .15 Anse Bleue
- .16 Miscou
- .17 Pigeon Hill
- .18 Ste.-Marie-St.-Raphaël
- .19 Le Goulet
- .20 Neguac

See Appendix "A" for a maps of East coast of New Brunswick showing both groups for the above sites.

The dredging period will be from ice out in the spring until freeze up in early winter.

2 General

- .1 Scope of work under this contract includes but shall not be limited to the provision of all labour and equipment required to perform dredging as specified herein.
- .2 The Contractor will be required to provide a response to the Departmental Representative within 24 hours of the request and is required
-

2 General
(Cont'd)

- .2 (Cont'd)
to provide labour and equipment within 72 hours of notification of a request for dredging unless delays are caused beyond the Contractor's control such as severe weather or permitting processes. Failure to comply with this request could result in calling up services from the other bidders.
- .3 The Department reserves the right to award the standing offer contract to more than one Contractor and to call up services from the second or other bidders.
- .4 In the calling up of services, the selection of the Contractor will be based on the most favourable option (i.e total cost of project) to the Crown, based on the unit prices submitted from the Contractors.
- .5 The equipment proposed by the Contractor will also be taken into consideration. Production values from previous evaluations will be used to consider what equipment will perform dredging.
- .6 The aggregate total as noted in the contract is not a guarantee that any nor the total quantity will be dredged at these locations prior to the expiration of the standing offer agreement.
- .7 The contract will terminate by giving notice to that effect or at the end of any further requirements for emergency dredging or when the authorized Standing Offer quantities have been reached or when the Standing Offer completion date has expired.
- .8 The Departmental Representative will identify the dredge limits to be dredged for each request. The dredging areas will be usually in the vicinity of public wharves or the gullies indicated. Generally, dredging will usually take place where maintenance dredging has been previously carried out. However, the Departmental Representative may request dredging in other areas.

- | | | | |
|---|--|----|--|
| 3 | <u>Permits
Certificates
and Fees</u> | .1 | The Departmental Representative is responsible to obtain the CEPA (ocean dumping) permit, Quarry permit, and provide Notices to Mariners for the commencement of each dredging operation. |
| 4 | <u>Inspection
of Sites</u> | .1 | Before submitting his tender, the Contractor will familiarize himself with existing conditions and to examine all other details which could affect the cost of the work. Ignorance of local conditions shall not at any time constitute a valid reason for claiming extra costs. |
| 5 | <u>Datum</u> | .1 | All elevations shown on plans submitted at the time of the call-up, or mentioned in the specifications are expressed in "Metres" and are referred to chart datum or Low Normal Tide (L.N.T.) which is taken as elevation 0.0 metre. |
| 6 | <u>Project
Meetings</u> | .1 | The Departmental Representative will arrange project meetings and assume responsibility for setting times and recording and distributing minutes. |
| 7 | <u>Additional
Drawings</u> | .1 | The Departmental Representative may furnish additional drawings to assist proper execution of work. These drawings will be issued for clarification only. Such drawings shall have the same meaning and intent as if they were included with plans referred to with the call-up. |
| 8 | <u>Protection of
Services and
Facilities</u> | .1 | It will be the responsibility of the Contractor to become fully acquainted with the existing services and facilities and take necessary steps to protect them during the work. |
| | | .2 | The Contractor will bear the cost of making good all damages to existing structures and facilities at the site resulting from his operations under this standing offer. All |
-

- | | | | |
|----|---|----|--|
| 8 | <u>Protection of
Services and
Facilities
(Cont'd)</u> | .2 | (Cont'd)
repairs will be with new materials approved by
Departmental Representative. |
| | | .3 | The Contractor will immediately restore any
existing service disrupted as a result of his
operations at no cost to the Departmental
Representative. |
| 9 | <u>Harbour
Authority</u> | .1 | Contractor to contact the Wharf Managers or
representatives of the Harbour Authorities
prior to begin work. |
| | | .2 | Contact Harbour Authority in advance of
mobilization and negotiate berthage fees and
access at facility. |
| 10 | <u>Taxes</u> | .1 | Pay applicable Federal, Provincial and
Municipal taxes. Refer to the "Notice to
Tenderers" regarding the Goods and Services
tax. |
| 11 | <u>Documents
Required</u> | .1 | Maintain at job site, one copy each of the
following:
.1 Contract Drawings
.2 Specifications
.3 Addenda
.4 Other modifications to Contract
.5 Permits and approvals
.6 Environmental Protection Plan
.7 A copy of the construction safety plan.
.8 Copy of New Brunswick Occupational
Health and Safety Act. |
| 12 | <u>Contractor's
Use of Site</u> | .1 | The Contractor's use of site is limited to
the locations of the dredging operations and
as specified herein. |
| 13 | <u>Cleaning</u> | .1 | Before work can be accepted, the Contractor
must clean up the site and leave it in a
condition which is acceptable to the
Departmental Representative. |
-

Floating Plant Dredging Summary of Work
Various Locations
New Brunswick
WSBE R.001681.001

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END

1.1 DEFINITIONS

- .1 COSH: Canada Occupational Health and Safety Regulations made under Part II of the Canada Labour Code.
- .2 Competent Person: means a person who is:
 - .1 Qualified by virtue of personal knowledge, training and experience to perform assigned work in a manner that will ensure the health and safety of persons in the workplace, and;
 - .2 Knowledgeable about the provisions of occupational health and safety statutes and regulations that apply to the Work and;
 - .3 Knowledgeable about potential or actual danger to health or safety associated with the Work.
- .3 Medical Aid Injury: any minor injury for which medical treatment was provided and the cost of which is covered by Workers' Compensation Board of the province in which the injury was incurred.
- .4 PPE: personal protective equipment
- .5 Work Site: where used in this section shall mean areas, located at the premises where Work is undertaken, used by Contractor to perform all of the activities associated with the performance of the Work.

1.2 SUBMITTALS

- .1 Submit site-specific Health and Safety Plan prior to commencement of Work.
 - .1 Submit within five 5 work days of notification of Bid Acceptance. Provide 2 copies.
 - .2 Departmental Representative will review Health and Safety Plan and provide comments.
 - .3 Revise the Plan as appropriate and resubmit within 5 work days after receipt of comments.
 - .4 Departmental Representative's review and comments made of the Plan shall not be construed as an endorsement, approval or implied warranty of any kind by Canada and does not reduce Contractor's overall responsibility for Occupational Health and Safety of the Work.
 - .5 Submit revisions and updates made to the Plan during the course of Work.

1.2 SUBMITTALS
(Cont'd)

- .2 Submit name of designated Health & Safety Site Representative and support documentation specified in the Safety Plan.
- .3 Submit building permit, compliance certificates and other permits obtained.
- .4 Submit copy of Letter in Good Standing from Provincial Workers Compensation or other department of labour organization.
 - .1 Submit update of Letter of Good Standing whenever expiration date occurs during the period of Work.
- .5 Submit copies of reports or directions issued by Federal, Provincial and Territorial health and safety inspectors.
- .6 Submit copies of incident reports.
- .7 Submit WHMIS MSDS - Material Safety Data Sheets.

1.3 COMPLIANCE
REQUIREMENTS

- .1 Comply with Occupational Health and Safety Act for Province of New Brunswick, and General Regulations made pursuant to the Act.
 - .2 Comply with Canada Labour Code - Part II (entitled Occupational Health and Safety) and the Canada Occupational Health and Safety Regulations (COSH) as well as any other regulations made pursuant to the Act.
 - .1 The Canada Labour Code can be viewed at:
<http://laws-lois.justice.gc.ca/eng/acts/L-2/>
 - .2 COSH can be viewed at:
<http://laws-lois.justice.gc.ca/eng/regulation/SOR-86-304/index.html>
 - .3 A copy may be obtained at: Canadian Government Publishing, Public Works & Government Services Canada Ottawa, Ontario, K1A 0S9 Tel: (613) 941-5995 (1-800-635-7943) Publication No. L31-85/2000 E or F)
 - .3 Observe construction safety measures of:
 - .1 Part 8 of National Building Code
 - .2 Municipal by-laws and ordinances.
 - .4 In case of conflict or discrepancy between above specified requirements, the more stringent shall apply.
-

1.3 COMPLIANCE
REQUIREMENTS
(Cont'd)

- .5 Maintain Workers Compensation Coverage in good standing for duration of Contract. Provide proof of clearance through submission of Letter in Good Standing.
- .6 Medical Surveillance: Where prescribed by legislation or regulation, obtain and maintain worker medical surveillance documentation.

1.4 RESPONSIBILITY

- .1 Be responsible for health and safety of persons on site, safety of property on site and for protection of persons and environment adjacent to the site to extent that they may be affected by conduct of Work.
- .2 Comply with and enforce compliance by all workers, sub-contractors and other persons granted access to Work Site with safety requirements of Contract Documents, applicable federal, provincial, and local by-laws, regulations, and ordinances, and with site-specific Health and Safety Plan.

1.5 SITE CONTROL
AND ACCESS

- .1 Control the Work and entry points to Work Site. Approve and grant access only to workers and authorized persons. Immediately stop and remove non-authorized persons.
 - .1 Departmental Representative will provide names of those persons authorized by Departmental Representative to enter onto Work Site and will ensure that such authorized persons have the required knowledge and training on Health and Safety pertinent to their reason for being at the site, however, Contractor remains responsible for the health and safety of authorized persons while at the Work Site.
 - .2 Isolate Work Site from other areas of the premises by use of appropriate means.
 - .1 Erect fences, hoarding, barricades and temporary lighting as required to effectively delineate the Work Site, stop non-authorized entry, and to protect pedestrians and vehicular traffic around and adjacent to the Work and create a safe environment.
 - .2 Post signage at entry points and other strategic locations indicating restricted access and conditions for access.
-

1.5 SITE CONTROL
AND ACCESS
(Cont'd)

- .2 (Cont'd)
- .3 Use professionally made signs with bilingual message in the 2 official languages or international known graphic symbols.
- .3 Provide safety orientation session to persons granted access to Work Site. Advise of hazards and safety rules to be observed while on site.
- .4 Ensure persons granted site access wear appropriate PPE. Supply PPE to inspection authorities who require access to conduct tests or perform inspections.
- .5 Secure Work Site against entry when inactive or unoccupied and to protect persons against harm.

1.6 PROTECTION

- .1 Give precedence to safety and health of persons and protection of environment over cost and schedule considerations for Work.
- .2 Should unforeseen or peculiar safety related hazard or condition become evident during performance of Work, immediately take measures to rectify situation and prevent damage or harm. Advise Departmental Representative verbally and in writing.

1.7 FILING OF
NOTICE

- .1 File Notice of Project with pertinent provincial health and safety authorities prior to beginning of Work.
 - .1 Departmental Representative will assist in locating address if needed.

1.8 PERMITS

- .1 Post permits, licenses and compliance certificates.
- .2 Where a particular permit or compliance certificate cannot be obtained, notify Departmental Representative in writing and obtain approval to proceed before carrying out applicable portion of work.

1.9 HAZARD
ASSESSMENTS

- .1 Perform site specific health and safety hazard assessment of the Work and its site.
- .2 Carryout initial assessment prior to commencement of Work with further assessments as needed during progress of work, including when new trades and subcontractors arrive on site.
- .3 Record results and address in Health and Safety Plan.
- .4 Keep documentation on site for entire duration of the Work.

1.10 PROJECT/SITE
CONDITIONS

- .1 Following are potential health, environmental and safety hazards at the site for which Work may involve contact with:
 - .2 .1 Existing hazardous and controlled products stored on site:
 - .1 none identified
 - .2 Existing hazardous substances or contaminated materials:
 - .1 none identified
 - .3 Known latent site and environmental conditions:
 - .1 Working near and over water.
 - .2 Cold weather and exposure.
 - .3 Public access to the site.
 - .4 Heavy Equipment.
 - .5 Working with lights.
 - .6 Load losses Roll overs.
 - .4 Facility on-going operations:
 - .1 none identified
- .3 Above items shall not be construed as being complete and inclusive of potential health and safety hazards encountered during Work.
- .4 Include above items in the hazard assessment of the Work.
- .5 MSDS Data sheets of pertinent hazardous and controlled products stored on site can be obtained from Departmental Representative.

1.11 MEETINGS

- .1 Attend pre-construction health and safety meeting, convened and chaired by Departmental Representative, prior to commencement of Work, at time, date and location determined by Departmental Representative. Ensure attendance of:
 - .1 Superintendent of Work
 - .2 Designated Health & Safety Site Representative
 - .3 Subcontractors
- .2 Conduct regularly scheduled tool box and safety meetings during the Work in conformance with Occupational Health and Safety regulations.
- .3 Keep documents on site.

1.12 HEALTH AND SAFETY PLAN

- .1 Prior to commencement of Work, develop written Health and Safety Plan specific to the Work. Implement, maintain, and enforce Plan for entire duration of Work and until final demobilization from site.
- .2 Health and Safety Plan shall include the following components:
 - .1 List of health risks and safety hazards identified by hazard assessment.
 - .2 Control measures used to mitigate risks and hazards identified.
 - .3 On-site Contingency and Emergency Response Plan as specified below.
 - .4 On-site Communication Plan as specified below.
 - .5 Name of Contractor's designated Health & Safety Site Representative and information showing proof of his/her competence and reporting relationship in Contractor's company.
 - .6 Names, competence and reporting relationship of other supervisory personnel used in the Work for occupational health and safety purposes.
- .3 On-site Contingency and Emergency Response Plan shall include:
 - .1 Operational procedures, evacuation measures and communication process to be implemented in the event of an emergency.
 - .2 Evacuation Plan: site and floor plan layouts showing escape routes, marshalling areas. Details on alarm notification methods,

1.12 HEALTH AND
SAFETY PLAN
(Cont'd)

- .3 (Cont'd)
 - .2 Evacuation Plan: (Cont'd)
fire drills, location of fire fighting equipment and other related data.
 - .3 Name, duties and responsibilities of persons designated as Emergency Warden(s) and deputies.
 - .4 Emergency Contacts: name and telephone number of officials from:
 - .1 General Contractor and subcontractors.
 - .2 Pertinent Federal and Provincial Departments and Authorities having jurisdiction.
 - .3 Local emergency resource organizations.
 - .5 Harmonize Plan with Facility's Emergency Response and Evacuation Plan. Departmental Representative will provide pertinent data including name of PWGSC and Facility Management contacts.
- .4 On-site Communication Plan:
 - .1 Procedures for sharing of work related safety information to workers and subcontractors, including emergency and evacuation measures.
 - .2 List of critical work activities to be communicated with Facility Manager which have a risk of endangering health and safety of Facility users.
- .5 Address all activities of the Work including those of subcontractors.
- .6 Review Health and Safety Plan regularly during the Work. Update as conditions warrant to address emerging risks and hazards, such as whenever new trade or subcontractor arrive at Work Site.
- .7 Departmental Representative will respond in writing, where deficiencies or concerns are noted and may request re-submission of the Plan with correction of deficiencies or concerns.
- .8 Post copy of the Plan, and updates, prominently on Work Site.

1.13 SAFETY
SUPERVISION

- .1 Employ Health & Safety Site Representative responsible for daily supervision of health and safety of the Work.
- .2 Health & Safety Site Representative may be the Superintendent of the Work or other person designated by Contractor and shall be assigned the responsibility and authority to:
 - .1 Implement, monitor and enforce daily compliance with health and safety requirements of the Work
 - .2 Monitor and enforce Contractor's site-specific Health and Safety Plan.
 - .3 Conduct site safety orientation session to persons granted access to Work Site.
 - .4 Ensure that persons allowed site access are knowledgeable and trained in health and safety pertinent to their activities at the site or are escorted by a competent person while on the Work Site.
 - .5 Stop the Work as deemed necessary for reasons of health and safety.
- .3 Health & Safety Site Representative must:
 - .1 Be qualified and competent person in occupational health and safety.
 - .2 Have site-related working experience specific to activities of the Work.
 - .3 Be on Work Site at all times during execution of the Work.
- .4 All supervisory personnel assigned to the Work shall also be competent persons.
- .5 Inspections:
 - .1 Conduct regularly scheduled safety inspections of the Work on a minimum bi-weekly basis. Record deficiencies and remedial action taken.

1.14 TRAINING

- .1 Use only skilled workers on Work Site who are effectively trained in occupational health and safety procedures and practices pertinent to their assigned task.
- .2 Maintain employee records and evidence of training received. Make data available to Departmental Representative upon request.
- .3 When unforeseen or peculiar safety-related hazard, or condition occur during performance of Work, follow procedures in place for

- 1.14 TRAINING (Cont'd) .3 (Cont'd)
Employee's Right to Refuse Work in accordance with Acts and Regulations of Province having jurisdiction and advise Departmental Representative verbally and in writing.
- 1.15 MINIMUM SITE SAFETY RULES .1 Not withstanding requirement to abide by federal and provincial health and safety regulations; ensure the following minimum safety rules are obeyed by persons granted access to Work Site:
.1 Wear appropriate PPE pertinent to the Work or assigned task; minimum being hard hat, safety footwear, safety glasses and hearing protection.
.2 Immediately report unsafe condition at site, near-miss accident, injury and damage.
.3 Maintain site and storage areas in a tidy condition free of hazards causing injury.
.4 Obey warning signs and safety tags.
.2 Brief persons of disciplinary protocols to be taken for non compliance. Post rules on site.
- 1.16 CORRECTION OF NON-COMPLIANCE .1 Immediately address health and safety non-compliance issues identified by authority having jurisdiction or by Departmental Representative.
.2 Provide Departmental Representative with written report of action taken to correct non-compliance of health and safety issues identified.
.3 Departmental Representative will stop Work if non-compliance of health and safety regulations is not corrected in a timely manner.
- 1.17 INCIDENT REPORTING .1 Investigate and report the following incidents to Departmental Representative:
.1 Incidents requiring notification to Provincial Department of Occupational Safety and Health, Workers Compensation Board or to other regulatory Agency.
.2 Medical aid injuries.
.3 Property damage in excess of \$10,000.00,
-

- 1.17 INCIDENT REPORTING (Cont'd) .1 (Cont'd)
.4 Interruptions to Facility operations resulting in an operational lost to a Federal department in excess of \$5000.00.
.2 Submit report in writing.
- 1.18 HAZARDOUS PRODUCTS .1 Comply with requirements of Workplace Hazardous Materials Information System (WHMIS).
.2 Keep MSDS data sheets for all products delivered to site.
.1 Post on site.
.2 Submit copy to Departmental Representative.
- 1.19 BLASTING .1 Blasting or other use of explosives is not permitted on site without prior receipt of written permission and instructions from Departmental Representative.
- 1.20 POWDER ACTUATED DEVICES .1 Use powder actuated fastening devices only after receipt of written permission from Departmental Representative.
- 1.21 CONFINED SPACES .1 Abide by occupational health and safety regulations regarding work in confined spaces.
- 1.22 SITE RECORDS .1 Maintain on Work Site copy of safety related documentation and reports stipulated to be produced in compliance with Acts and Regulations of authorities having jurisdiction and of those documents specified herein.
.2 Upon request, make available to Departmental Representative or authorized Safety Officer for inspection.
-

- 1.23 POSTING OF
DOCUMENTS
- .1 Ensure applicable items, articles, notices and orders are posted in conspicuous location on Work Site in accordance with Acts and Regulations of Province having jurisdiction.
 - .2 Post other documents as specified herein, including:
 - .1 Site specific Health and Safety Plan.
 - .2 WHMIS data sheets.

1 REFERENCES

- .1 WHMIS: Workplace Hazardous Materials Information System, Health Canada.
- .2 Transportation of Dangerous Goods Act. Transport Canada, updated 2008-02-21.
- .3 Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters, Department of Fisheries and Oceans Canada, 1998.
- .4 MBCA: Migratory Birds Convention Act, Environment Canada, 1994.
- .5 Canadian Coast Guard Regulations, Department of Fisheries and Oceans Canada.
- .6 Canadian Shipping Act, Transport Canada, 2001.
- .7 AWWA: American Wood Preserver Association

2 DEFINITIONS

- .1 Hazardous Material: Product, substance, or organism that is used for its original purpose; and that is either dangerous goods or a material that may cause adverse impact to the environment or adversely affect health of persons, animals, or plant life when released into the environment.
 - .2 Wetlands: land where the water table is at, near or above the surface or which is saturated for a long enough period to promote such features as wet-altered soils and water tolerant vegetation. Wetlands include organic wetlands or "peatlands," and mineral wetlands or mineral soil areas that are influenced by excess water but produce little or no peat
 - .3 Watercourse: refers to the bed and shore of a river, stream, lake, creek, pond, marsh, estuary or salt-water body that contains water for at least part of each year.
 - .4 Alien species: refers to a species or subspecies introduced outside its normal distribution whose establishment and spread threaten ecosystems, habitats or species with economic or environmental harm.
 - .5 Buffer zone: a vegetated land that protects watercourses from adjacent land uses. It refers to the land adjacent to watercourses,
-

2 DEFINITIONS
(Cont'd)

- .5 Buffer zone: (Cont'd)
such as streams, rivers, lakes, ponds, oceans,
and wetlands, including the floodplain and the
transitional lands between the watercourse and
the drier upland areas.

3 TRANSPORTATION

- .1 Transport hazardous materials and hazardous
waste in compliance with Federal
Transportation of Dangerous Goods Act.
- .2 Do not overload trucks when hauling material.
Secure contents against spillage.
- .3 Maintain trucks clean and free of mud, dirt
and other foreign matter.
- .4 Avoid potential release of contents and of
any foreign matter onto highways, roads and
access routes used for the Work. Take extra
care when hauling dredged material and other
hazardous materials. Immediately clean any
spillage and soils.
- .5 Before commencement of work, advise the
Departmental Representative of the existing
roads and temporary routes proposed to be used
to access work areas and to haul material to
and from the site, including roads to the
dredged disposal field.

4 HAZARDOUS
MATERIAL HANDLING

- .1 Handle and store hazardous materials on site
in accordance with WHMIS procedures and
requirements.
- .2 Store all hazardous liquids in location and
manner to prevent their spillage into the
environment.
- .3 Maintain written inventory of all hazardous
materials kept on site. List product name,
quantity and storage date.
- .4 Keep MSDS data sheets on site for all items.
-

5 PETROLEUM, OIL
AND LUBRICANTS

- .1 Comply with Federal and Provincial laws, regulations, codes and guidelines for the storage of fuel and petroleum products on site.
- .2 Do not place fuel storage tanks and store fuel or other petroleum products within a 30 metre buffer zone of watercourses and wetlands. Do not fuel or lubricate equipment within this 30 metre buffer zone. Obtain approval from Departmental Representative of acceptable location on site for fuel storage and equipment service.
- .3 Do not dump petroleum products or any other deleterious substances on ground or in the water.
- .4 Be diligent and take all necessary precautions to avoid spills and contaminate the soil and water (both surface and subsurface) when handling petroleum products on site and during fueling and servicing of vehicles and equipment.
- .5 Maintain on site appropriate emergency spill response equipment consisting of at least one 250-litre (55 gallon) overpack spill kit for containment and cleanup of spills.
- .6 Maintain vehicles and equipment in good working order to prevent leaks on site.
- .7 In the event of a petroleum spill, immediately notify the Departmental Representative and the Canadian Coast Guard (CCG) at 1-800-565-1633 (24 hour report line). Perform clean-up in accordance with all regulations and procedures stipulated by authority having jurisdiction.

6 DISPOSAL OF
WASTES

- .1 Do not bury rubbish, demolition debris and waste materials on site.
 - .2 Dispose and recycle demolition debris and waste materials to Waste Facility.
 - .3 Do not dispose of hazardous waste, volatile materials (such as mineral spirits, paints, thinners etc...) and petroleum products into waterways, storm or sanitary sewers or in waste landfill sites.
-

6 DISPOSAL OF
WASTES
(Cont'd)

- .4 Dispose of hazardous waste in accordance with applicable federal and provincial laws, regulations, codes and guidelines.
- .5 Concrete waste:
 - .1 Do not discharge residual or rejected concrete on site.
 - .2 Immediately clean any accidental release of concrete on site prior to solidification.
 - .3 Do not wash and clean concrete vehicles on site.
 - .4 Perform dumping of residual material and truck cleaning operations only at the concrete plant. Follow environmental regulations and good practices as approved by the Provincial Department of the Environment and other authorities having jurisdiction.

7 WATER QUALITY

- .1 Conduct excavation work of a watercourse or wetland in such a manner to limit turbidity and reduce sediment suspension in the water to an absolute minimum at all times.
 - .1 Maintain appropriate production speed and momentum of the excavation equipment. Make adjustments as required and as approved by Departmental Representative.
 - .2 Strategically position excavator equipment and haul vehicles to avoid over the water swings of excavated material whenever possible.
- .2 Where work may affect the water quality adjacent to water intake lines used by Lobster Holding Facilities, Fish Processing Facilities and other harbour users, schedule work in cooperation with the Harbour Authority as directed by Departmental Representative to minimize interference and impact to harbour users.
- .3 Visually monitor the water turbidity of the surrounding areas adjacent to the work and up to the established dredge limit of 200 metre.
 - .1 Should excessive change occur in the turbidity beyond the dredge limit which differs from existing conditions of the surrounding water bodies, such as a distinct color difference; notify the Departmental Representative to obtain appropriate mitigation measures to be followed.

7 WATER QUALITY
(Cont'd)

- .4 Water quality during suction dredging:
 - .1 Minimize out-fall of the dredge material at the disposal site by placing the pipeline outfall at or near the water level surface.
 - .2 Restrict vessel traffic adjacent to the disposal site to an absolute minimum to avoid the re-suspension of dredged material from propeller wash.
- .5 Water contamination by preservative treated wood:
 - .1 Preservative treated lumber and timber, whether plant or site treated, shall be cured for a minimum of 30 days from date of the treatment application before their installation in areas which will be in contact with the water.
 - .2 Do not cut treated wood lumber over the surface of a watercourse or wetland.
 - .3 Do not use liquid applied preservative products over the surface of a watercourse or wetland.
 - .4 Wood treated with Chromate Copper Arsenate (CCA) or Ammoniac Copper Zinc Arsenate (ACZA) must be CSA or AWWA approved.
 - .5 Do not use timber and lumber treated with creosote, petroleum and pentachlorophenol for any part of the Work.
- .6 Do not washdown equipment within a 30 metre buffer zone of a wetland, watercourse or other identified environmentally sensitive area.

8 SOCIOECONOMIC
RESTRICTIONS

- .1 Abide by municipal and provincial regulations for any restrictions on work performed during the night time and on flood lighting of the site. Obtain applicable permits.
- .2 Place flood lights in opposite direction of adjacent residential and business areas.
- .3 Equip equipment and machinery with purposely designed mufflers to reduce noise on site to lowest possible level. Maintain mufflers in good operating condition at all times.

9 BIRD AND
BIRD HABITAT

- .1 Become knowledgeable with abide by the Migratory Birds Convention Act (MBCA) in regards to the protection of migratory birds, their eggs, nests and their young encountered on site and in the vicinity.
- .2 Minimize disturbance to all birds on site and adjacent areas during the entire course of the Work.
- .3 Do not approach concentrations of seabirds, waterfowl and shorebirds when anchoring equipment, accessing wharves or ferrying supplies.
- .4 During night time work, position flood lights in opposite direction of nearby bird nesting habitat.
- .5 Do not use beaches, dunes and other natural previously undisturbed areas of the site to conduct work unless specifically approved by the Departmental Representative.
- .6 Should nests of migratory birds in wetlands be encountered during work, immediately notify Departmental Representative for directives to be followed.
 - .1 Do not disturb nest site and neighbouring vegetation until nesting is completed.
 - .2 Minimize work immediately adjacent to such areas until nesting is completed.
 - .3 Protect these areas by following recommendations of Canadian Wildlife Service.

10 FISH AND
FISH HABITAT

- .1 Be aware of the risk for contamination of the fish habitat at the site as a result of alien species being introduced in the water.
 - .2 To minimize the possibility of fish habitat contamination, all construction equipment which will be immersed into the water of a watercourse, or has the possibility of coming into contact with such water during the course of the work, must be cleaned and washed to ensure that they are free of marine growth and alien species.
 - .1 Equipment shall include boats, barges, cranes, excavators, haul trucks, pumps, pipe lines and other all miscellaneous tools and
-

10 FISH AND
FISH HABITAT
(Cont'd)

- .2 (Cont'd)
 - .1 (Cont'd)
equipment previously used in a marine environment.
 - .3 Cleaning and washing of equipment shall be performed immediately upon their arrival at the site and before use in or over the body of water.
 - .4 Conduct cleaning and washing operations as follows:
 - .1 Scrap and remove heavy accumulation of mud and dispose appropriately.
 - .2 Wash all surfaces of equipment by use of a pressurized fresh water supply.
 - .3 Immediately follow with application of a heavy sprayed coating of undiluted vinegar or other environmentally approved cleaning agent to thoroughly remove all plant matter, animals and sediments.
 - .4 Check and remove all plant, animal and sediment matter from the all bilges and filters.
 - .5 Drain standing water from equipment and let fully dry before use.
 - .6 Upon removal from the water, drain standing water from equipment and let fully dry before removal off the site.
 - .5 Do not perform cleaning and washdown within a 30 metre buffer zone of a wetland, watercourse or other identified environmentally sensitive area.
 - .6 Record of Assurance Logbook:
 - .1 Maintain an on-going log of past and present usage and washdowns of all equipment to illustrate mitigation measures undertaken against fish habitat contamination by alien species.
 - .2 Write data in a hard cover bound logbook,
 - .3 Include the following:
 - .1 Date and location where equipment was previously used in a watercourse or wetland;
 - .2 Type of work performed.
 - .3 Dates of washdown for each piece of equipment;
 - .4 Cleaning method and cleaning agent(s) used.
-

10 FISH AND
FISH HABITAT
(Cont'd)

- .7 Keep Record of Assurance Logbook updated from project to project. Upon request, submit logbook to Departmental Representative for review.
- .8 Abide by requirements and recommendations of the Federal Department of Environment and the Department of Fisheries and Oceans - Habitat Protection and Sustainable Development Branch in cleaning and washdown of equipment.

11 AIR QUALITY

- .1 Keep airborne dust and dirt resulting from the work on site to an absolute minimum.
- .2 Apply dust control measures to roads, parking lots and work areas.
- .3 Spray surfaces with water or other environmentally approved product. Use purposely suited equipment or machinery and apply in sufficient quantity and frequency to provide effective result and continued dust control during the entire course of the work.
- .4 Do not use oil or any other petroleum products for dust control.

12 FIRES

- .1 Fires and burning of rubbish on site is not permitted.

PART 1 - GENERAL

1.1 General
Description

- .1 This section specifies requirements for excavating Class "B" underwater materials in areas indicated, and for transporting and disposing of excavated materials at specified locations.
- .2 The dredge depths are approximately 2.0 metres below Chart Datum, and disposal sites are shallow (usually from 0.0/+1.0 m to 3.0 m deep), and approximately 250 - 450 metres from the dredge site.

1.2 Related
Sections

- .1 Section 01 35 43 - Environmental Procedures
Section 01 35 30 - Health and Safety

1.3 Measurement
Procedures

- .1 Only material excavated above grade plane and within side slopes indicated or specified will be measured.
- .2 **Mobilization and Demobilization:** Mobilization and demobilization of the dredge(s), support vessels and pipeline to be paid as a fixed lump sum payment covering all items of work. This item will be measured each time a call-up is made under the standing offer, regardless of the method of measurement used for the dredging. Half of the sum allocated for mobilization and demobilization, shall be payable upon commencement of dredging and the remainder shall be payable after project completion.
 - .1 Moving off the channel to accommodate fishing vessels is incidental to the work, and will not be measured.
 - .2 Mobilization and demobilization will not be paid if the dredge and pipeline have not been demobilized from the site between call ups.
 - .3 Any remediation to prevent the possible transport of alien species from port to port will be included in the demobilization costs. See Environmental Protection Section 01 35 44.
 - .4 Multiple Dredging equipment used to increase production is paid as a single mobilization.
- .3 **Dredging (Per Day):** The measurement for payment for dredging is per day

PART 1 - GENERAL

1.3 Measurement
Procedures
(Cont'd)

- .3 Dredging (Per Day):(Cont'd)
- .1 Per day basis is based on 10 hours of actual productive dredging within grades & limits identified. This includes the supply of all plant, equipment and labour to perform the dredging.
 - .2 The call up will be of a minimum of one day.
 - .3 Dredging equipment is catagorized based on evaluated production rates.
 - .4 Any combination of dredges may be used to meet the production rate.
 - .5 The production rates will checked daily by the Departmental Representative.
- .4 The corners of the disposal site must be clearly mark by buoys prior to dredging operations commencing will not be measured separately for payment.
- .5 Dredging equipment used for removal of obstructions will be paid for at rate negotiated in advance and authorized in writing by Department Representative.
- .6 All operations in connection with field positioning of dredging equipment will not be measured separately for payment.
- .7 No separate payment will be made for Contractor's survey vessel, equipment and crew or diving services.
- .8 Payment will include disposal of dredge material to the ocean disposal site or confined disposal facility.
- .9 There will be no additional payment for delays incurred during fishing seasons, weather, during periods when no dredging is permitted.
- .10 There will be no additional payment for downtime and for delays caused by vessel traffic.
- .11 Removal of infilling material will not be measured for payment.
- .12 There will be no additional payment for any accumulation of sea weeds and/or kelp which may hamper the dredging operation.

PART 1 - GENERAL

1.3 Measurement
Procedures
(Cont'd)

- .13 There will be no additional payment for mooring facilities fees for dredge plant.

1.4 Definitions

- .1 Dredging: excavating, transporting and disposing of underwater materials.
- .2 Class A material: solid rock requiring drilling and blasting to loosen, and boulders or rock fragments of individual volumes 1.5 m³ or more.
- .3 Class B material: loose or shale rock, silt, sand, quick sand, mud, shingle, gravel, clay, sand, gumbo, debris, hardpan, and boulders of individual volumes less than 1.5 m³.
- .4 Obstructions: material other than class A, having individual volumes of 1.5 m³ or more.
- .5 CMPM: cubic meters place measurement.
- .6 SQM: Square metres, area in square metres projected horizontal.
- .7 Debris: pieces of wood, wire rope, scrap steel, pieces of concrete and other waste materials.
- .8 Grade: plane above which material is to be dredged.
- .9 Estimated quantity:
.1 Volume of material calculated to be above sub grade and within specified side slopes unless otherwise specified.
.2 Areas in square metres of material calculated horizontally above grade and within dredge limits, not including side slopes.
- .10 Side slope: inclined surface or plane from subgrade at side limit of dredging area to intersect original ground line outside of side limit and to be expressed as ratio of horizontal to vertical.
- .11 Chart Datum: permanently established plane from which soundings or tide heights are
-

PART 1 - GENERAL

- 1.4 Definitions (Cont'd)
- .11 Chart Datum: (Cont'd)
referenced, usually Lowest Normal Tide (L.N.T.).
 - .12 Coordinates:
 - .1 U.T.M.: universal transverse mercator projection..
 - .13 Minimum Sounding: Shallowest depth recorded inside a matrix block. Soundings taken in this mode may be shallower than actual bottom elevations due to variations in water depths due to wave action.
 - .14 Matrix Block: each dredge area is presented as number of 1.2 x 3.0 m long blocks. Dependent on position of sounding, block may have 1 to several soundings contained within it.
 - .15 Minimum Sounding Plan: hydrographic survey plan in which the minimum Sounding is plotted for every matrix block.
 - .16 Average Sounding: Average depth of all soundings recorded within a matrix block.
 - .17 Average Plan: Average depth of all soundings recorded within a matrix block
 - .18 Lowest Normal Tide (L.N.T.): plane so low that tide will seldom fall below it.
 - .19 Cleared Area: area of dredging accepted as complying with plans and specifications.
- 1.5 Submittals
- .1 The Contractor will complete and submit a copy of Appendix "C" with his tender which will list all materials and equipment the Contractor proposes to use under this standing offer. Prior to award, the Departmental Representative will review the capabilities of the Contractor to perform the work.
 - .2 Submit to Departmental Representative, within two days of a request for dredging, a schedule of work including time periods during which each operation involved in work will be undertaken up to final completion.
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PART 1 - GENERAL

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| 1.5 Submittals
(Cont'd) | .3 | Submit to Departmental Representative, within two days of a request for dredging, a site specific safety plan. This plan is to have emergency numbers and contacts specific to Harbour Authority, property owners (Parks Canada) emergency response, and operators of water intakes. |
| | .4 | For projects paid by the day, submit to Departmental Representative prior to dredging a sketch showing existing condition of channel with soundings reduced to Chart datum and plotted on approximate 15 m by 15 m grid. |
| | .5 | For projects paid by the day, submit to Departmental Representative upon completion a daily log of activities related to dredging, including a sketch showing post dredging or cleared areas as reduced to Chart datum and plotted on approximate 15 m by 15 m grid. |
| 1.6 Regulatory
Requirements | .1 | Mark floating equipment with lights in accordance with Regulations for the Prevention of Collisions. |
| 1.7 Waste
Management and
Disposal | .1 | Metals, wood and recyclable materials removed during the dredging activities must be diverted appropriate recycling facilities. |
| 1.8 Interference to
Navigation and
Fishing | .1 | Be familiar with vessel movements and fishery activities in area affected by dredging operations. Plan and execute Work in manner that will not interfere with fishing operations, marina operations, construction activities at wharf sites, or access to wharves by land or water. |
| | .2 | Departmental Representative will not be responsible for loss of time, equipment, material or any other cost related to interference with moored vessels in harbour or due to other Contractor's operations. |
| | .3 | Keep District Manager, Canadian Coast Guard, Fisheries and Oceans, informed of dredging |

PART 1 - GENERAL

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| 1.8 Interference to Navigation and Fishing
(Cont'd) | .3 | (Cont'd)
operations in order that necessary Notices to Mariners will be issued. |
| | .4 | Become familiar with fishery activity. Clearly mark dredging area(s), disposal area(s) and routes to and from dredging and disposal area, during periods when fishing gear is set in areas adjacent to dredging operations with "Cautionary Buoys", in accordance with Coast Guard Standard TP968-1984. All Buoys must be colored cautionary yellow - CGSB #505-108. The Contractor is responsible for all costs associated with the supply, installation and removal of all necessary temporary aids. |
| | .5 | Execute the work to ensure damage does not occur to fishing gear and interference to fishing operations is minimized, by conducting operations within the areas so marked. |
| | .6 | Be responsible for damage to fishing gear from dredging activities outside marked areas and, if damage occurs, assume responsibility for replacement or repair costs and cost of lost fishing opportunity. |
| 1.9 Datum, Water Gauges and Targets | .1 | Elevations used in this specification and contract drawings are in metres referred to Chart Datum. |
| | .2 | Areas to be dredged are to be referenced to vertical bench marks for each location of dredging as indicated. |
| 1.10 Floating Plant | .1 | Dredges or other floating plants to be employed on this Work, to be of Canadian registry, make or manufacture, or, must receive certificate of qualification from Industry Canada, Marine Directorate. Submit this certificate with equipment information. |
| | .2 | Requests for certification in format of attached questionnaire to be directed to Senior Director, Marine, Energy and Marine |

PART 1 - GENERAL

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|--|----|---|
| <u>1.10 Floating Plant
(Cont'd)</u> | .2 | (Cont'd)
Branch, Marine Directorate, Industry Canada,
235 Queen Street, Ottawa, Ontario, K1A 0H5,
and to be received there not less than 14 days
prior to tender closing. |
| | .3 | The Contractor shall determine the equipment
required to dredge the material specified. The
material to be dredged is as described in
Paragraph 1.1 of this Section. |
| <u>1.11 Inspection of
Site</u> | .1 | Contractor to visit site of Work and become
thoroughly familiar with extent and nature of
Work and conditions affecting Work before
tendering. |
| <u>1.12 Site
Information</u> | .1 | Take necessary steps to become fully familiar
with potential inclement weather and sea
conditions in this area. |
| <u>1.13 Survey
Requirements</u> | .1 | The Contractor shall provide, at his expense,
a survey vessel for equipment and crew to set
up and maintain control for the location of
dredge limits and to sound areas, immediately
after dredging, to verify that grade depth has
been attained. |
| | .2 | The contractor is to provide at his expense a
GPS unit with differential corrected position,
with accuracy less than three (3) metres. |
| <u>1.14 Surveys and
Acceptance of Work</u> | .1 | For projects with method of payment of cubic
metre place measure, as soon as practical
after Contract award, Departmental
Representative will complete pre-dredge survey
of all dredge area locations. Survey will be
by electronic survey equipment sounding in
Average mode. Survey plan at 1:500 scale
plotting average soundings obtained in this
survey will define actual pre-dredge seabed
areas. |
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PART 1 - GENERAL

1.14 Surveys and
Acceptance of Work
(Cont'd)

- .2 No area will be dredged prior to Departmental Representative's and Contractor's mutual acceptance of pre-dredge survey for that area.
- .3 Post-dredge survey will be undertaken by Departmental Representative upon completion of dredging. Survey will confirm if dredging is completed as specified and whether area can be considered cleared area. Survey will be by electronic equipment. Survey plan at 1:500 plotting "average" depths obtained in this survey will identify areas requiring reworking to obtain following elevations using least of minimum mode
- .4 Contractor to redredge as necessary to remove all material within dredge areas which is found to be above grade.
- .5 One additional survey will be undertaken at Departmental Representative's cost, for those areas not meeting acceptance criteria for dredging. All additional surveys required to clear areas will be undertaken by the Departmental Representative at Contractor's cost.
- .6 After dredging soundings will be taken by the Departmental Representative upon completion of the Contractor's dredging and no dredge area shall be determined complete until after it has been cleared to the specified grade depth or until so directed by the Departmental Representative in the case of measurement on a per day basis. In the case of measurement on a per day basis, the clearance of the dredge site/call-up may also be done by the PWGSC representative on site in lieu of an electronic survey. In such case provide assistance to the Departmental Representative in the verification of dredged depth.

PART 1 - GENERAL

PART 2 - PRODUCTS

- 2.1 Dredging Equipment .1 Contractor to determine required equipment necessary to dredge material specified and to dispose of dredged material at locations indicated.

PART 3 - EXECUTION

- 3.1 Layout of Work .1 The contractor will layout the work based on sketches provided by the Departmental Representative, taking into account the dynamics of the sand bars which may change from what is depicted on surveys or a sketch. Similarly the disposal site may change location. (usually on top of the offshore sand bar)
- .2 For gully dredging and in channels far from land references, use Global Positioning System (GPS), differential corrected, instrumentation valid at 3.0 metre accuracy. Record position of pins in UTM co-ordinates. At the earliest opportunity, forward these to PWGSC Departmental Representative for verification. The contractor is responsible to ensure GPS instrumentation is verified for accuracy every three months.
- 3.2 General .1 Mark floating equipment with lights in accordance with International Rules of Road and maintain radio watch on board.
- .2 Place and maintain buoys, pins, ranges, markers and lights required to define work and disposal areas.
- .3 Lay out Work from bench marks ranges and base lines established by Departmental Representative. Be responsible for accuracy of Work relative to established bench marks ranges and baseline. Provide and maintain electronic position fixing and distance measuring equipment, laser transits and such
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PART 1 - GENERAL

3.2 General
(Cont'd)

- .3 (Cont'd)
other equipment as normally required for accurate dredging control.
- .4 Establish and maintain tide boards in order that proper depth of dredging can be determined. Locate tide boards so as to be clearly visible.
- .5 Dredge side slopes to two horizontal to one vertical.
- .6 Remove materials above specified grade depths, within limits indicated. Material removed from below subgrade depth or outside specified area or side slope is not part of Work.
- .7 Remove shoaling which occurs as result of Work at no expense to Departmental Representative.
- .8 Remove infilling in dredge areas which occurs prior to acceptance by Departmental Representative.
- .9 Immediately notify Departmental Representative upon encountering object which might be classified as obstruction. By-pass object after clearly marking its location and continue Work.

3.3 Disposal of
Dredged Material

- .1 Dispose of dredged material by depositing in disposal areas in manner approved by Departmental Representative.
- .2 Define area of disposal site with marker buoys and maintain minimum depth of water of 0.0m below Chart Datum at disposal site.
- .3 Disposal of dredged material will be carried out in accordance with the terms and conditions set down in permits issued by Environment Canada pursuant to the Canadian Environmental Protection Act and Regulations there under.
- .4 The disposal site may shift from actual co-ordinates and must be related to physical features found at the site. Disposal sites are

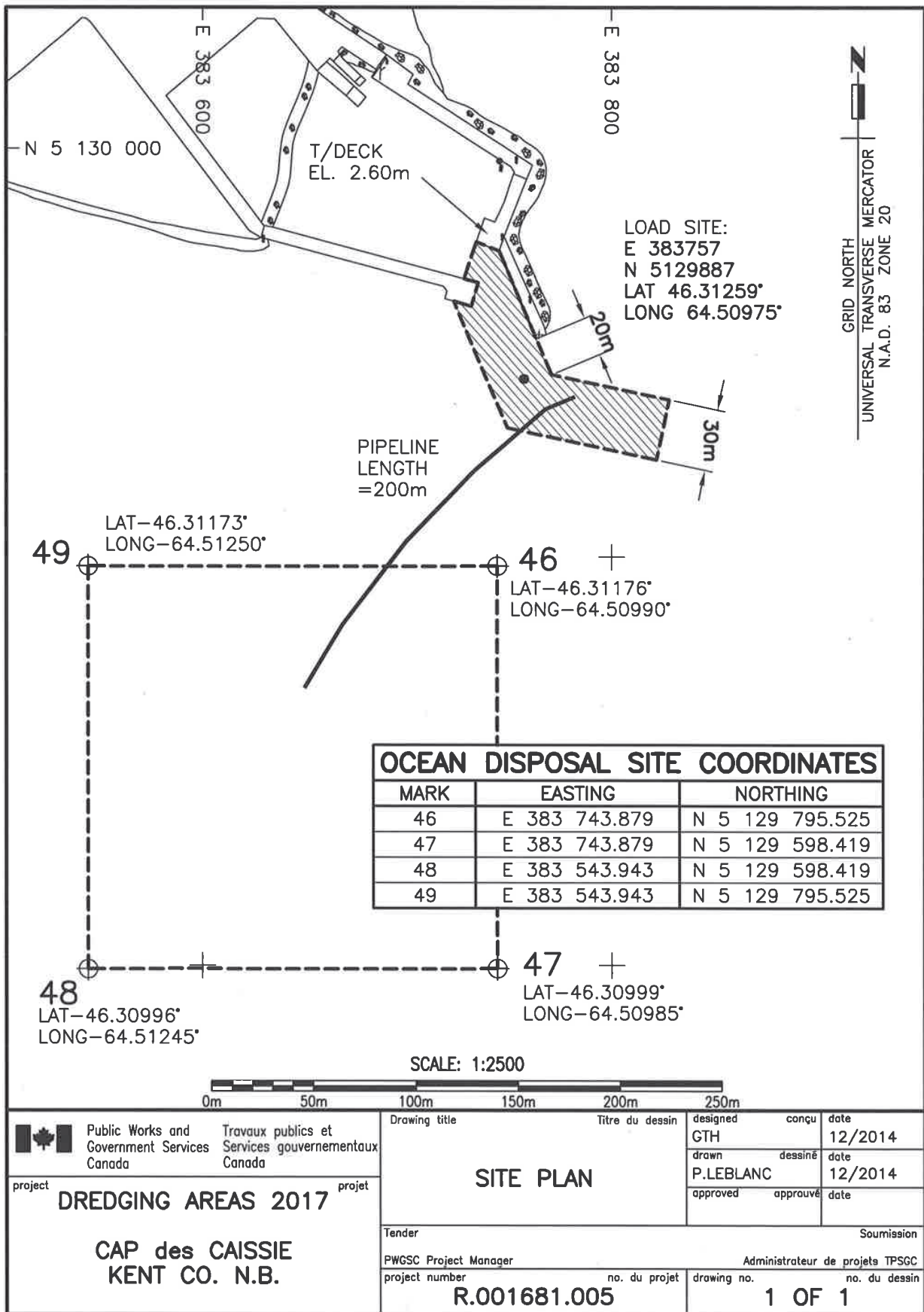
PART 1 - GENERAL

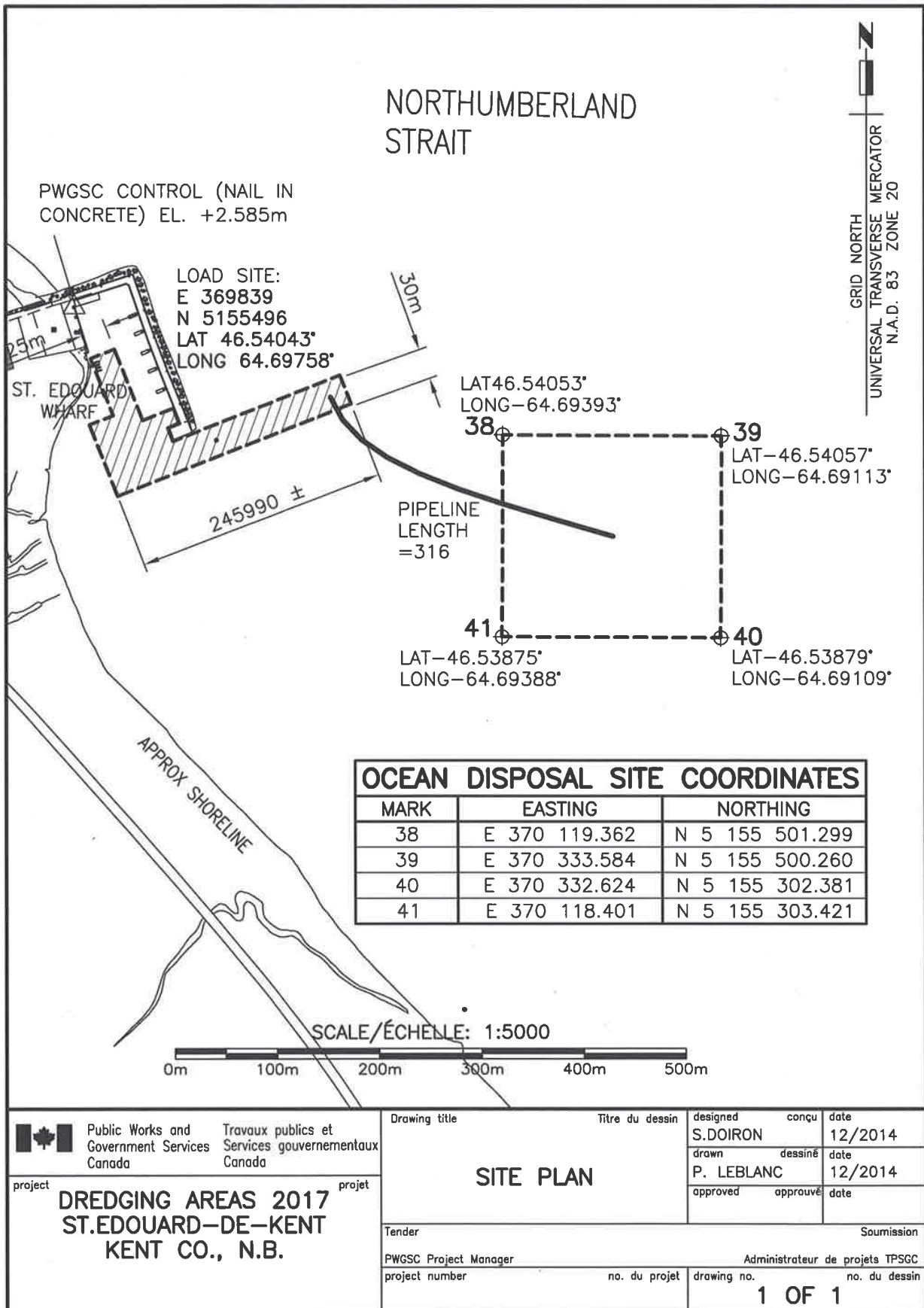
3.3 Disposal of Dredged Material (Cont'd)	.4	(Cont'd) commonly located along the offshore sand bars, and these are to be located by soundings and the pipeline repositioned if required. Record GPS position of the pipeline outfall and submit to Departmental Representative.
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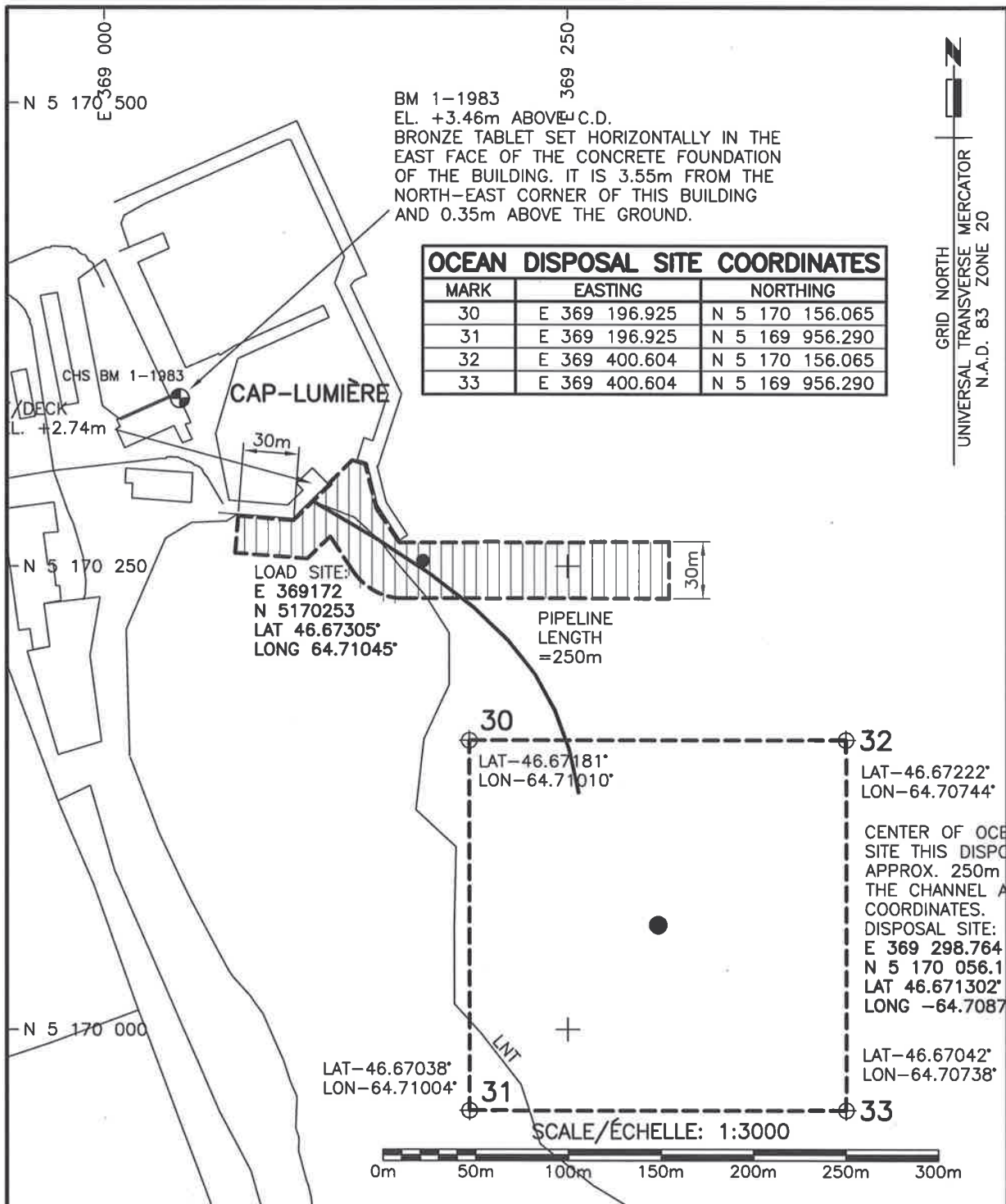
3.4 Dredging in Vicinity of Structures	.1	Do not dredge material from areas lying within 1.0 m of existing structure unless authorized by Departmental Representative.
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3.5 Re-dredging	.1	Re-dredge unsatisfactory Work and verify depths with additional sounding to approval of Departmental Representative.
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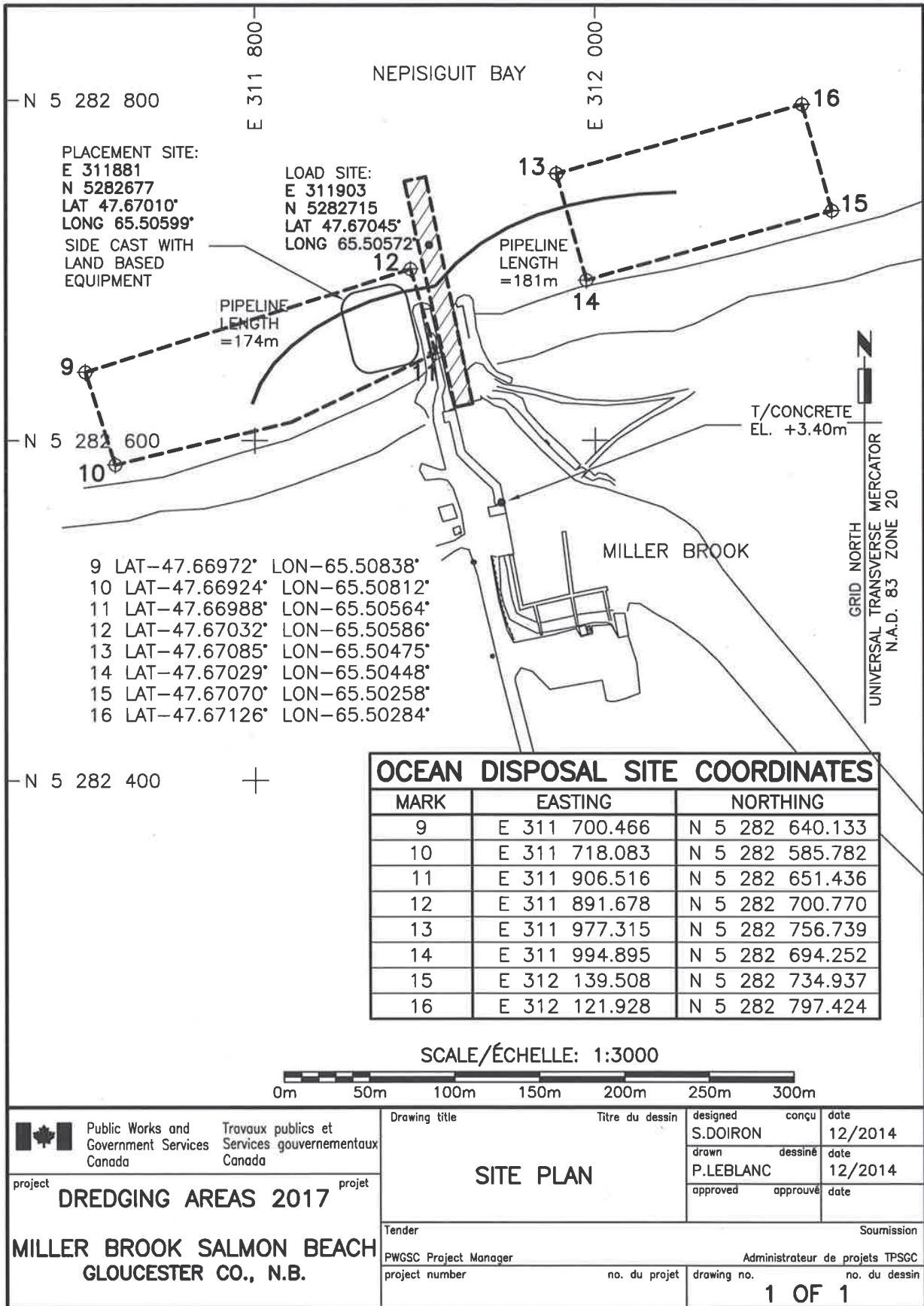
3.6 Co-operation and Assistance to Departmental Representative	.1	Co-operate with Departmental Representative on inspection of Work and provide assistance requested.
	.2	On request of Departmental Representative, furnish use of such boats, equipment, labour and materials forming ordinary and usual part of dredging plant as may be reasonably necessary to inspect and supervise Work.

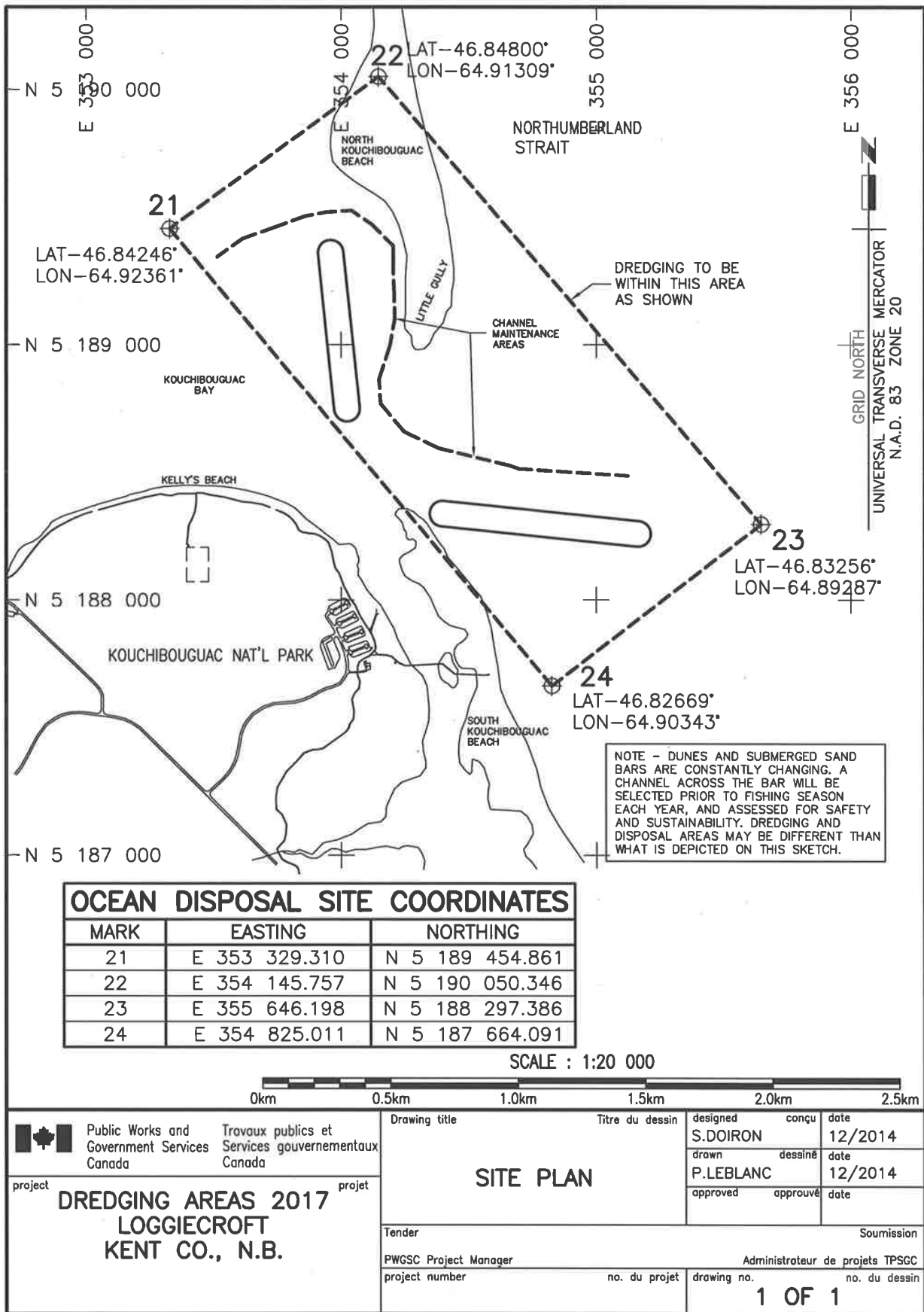


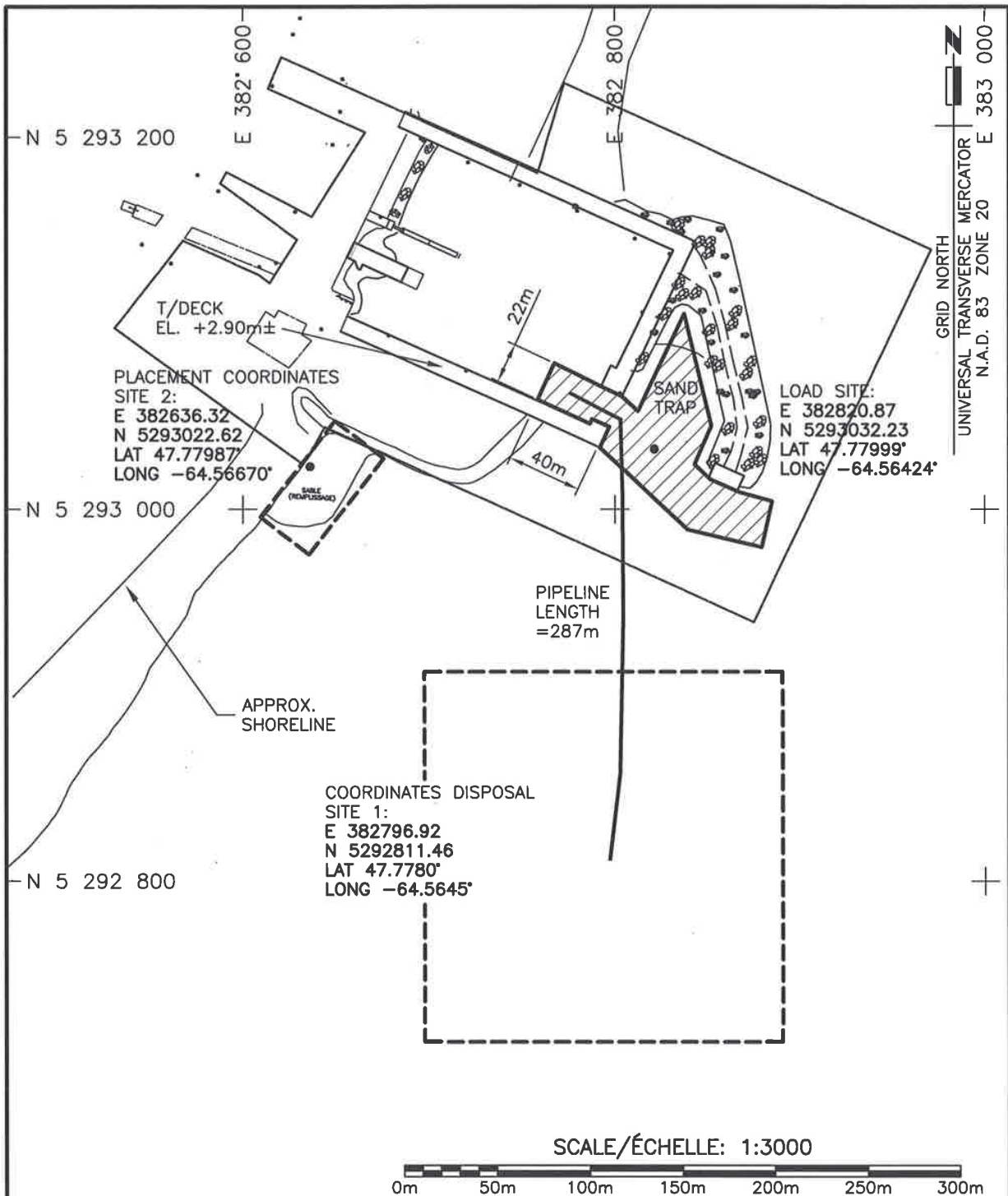




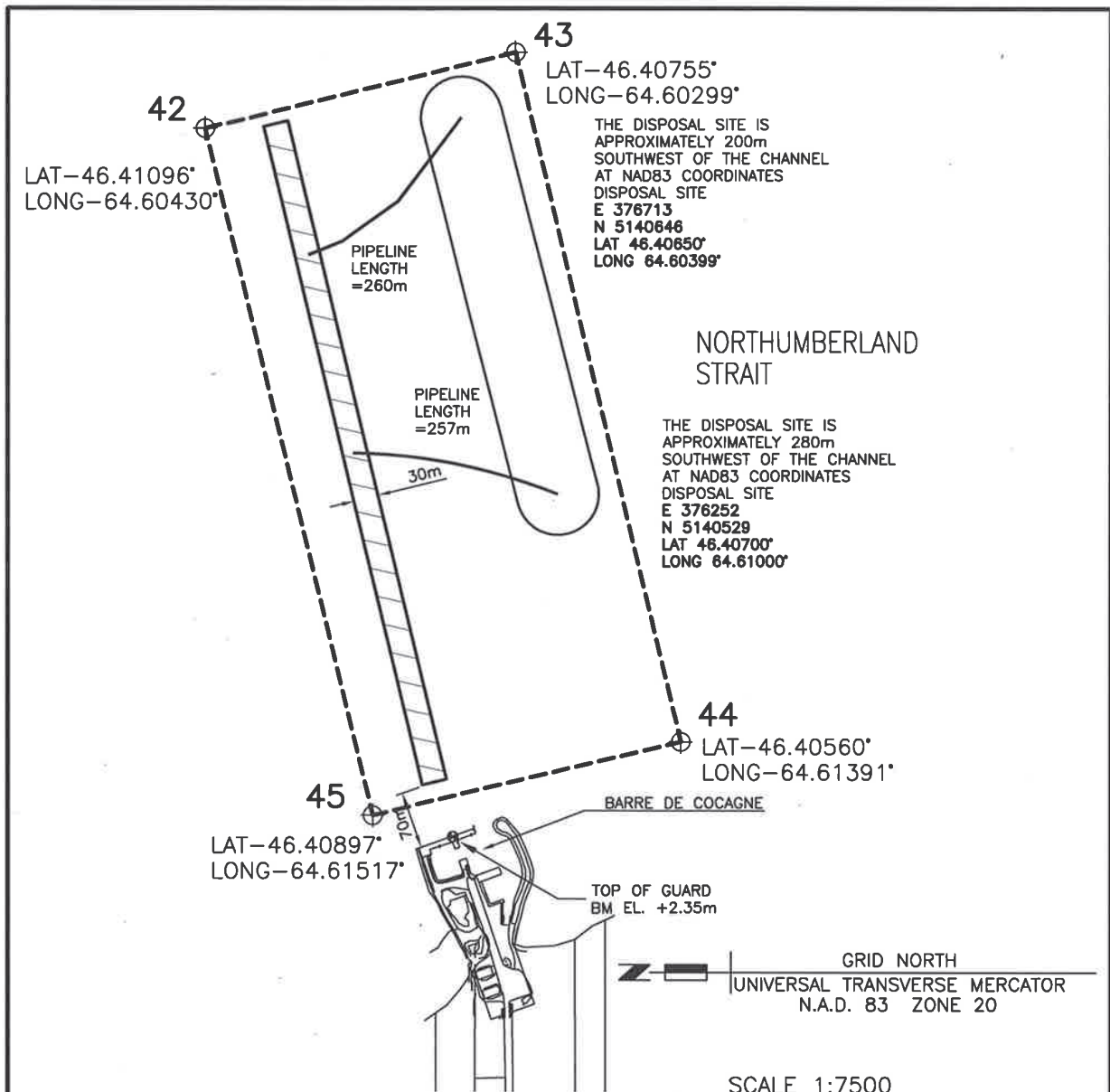
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	project DREDGING AREAS 2017		drawn dessiné P. LEBLANC	date 12/2014
project CAP LUMIERE KENT CO. N.B.		approved approuvé date		
Tender PWGSC Project Manager		Soumission Administrateur de projets TPSGC		
project number		no. du projet	drawing no. 1 OF 1	no. du dessin





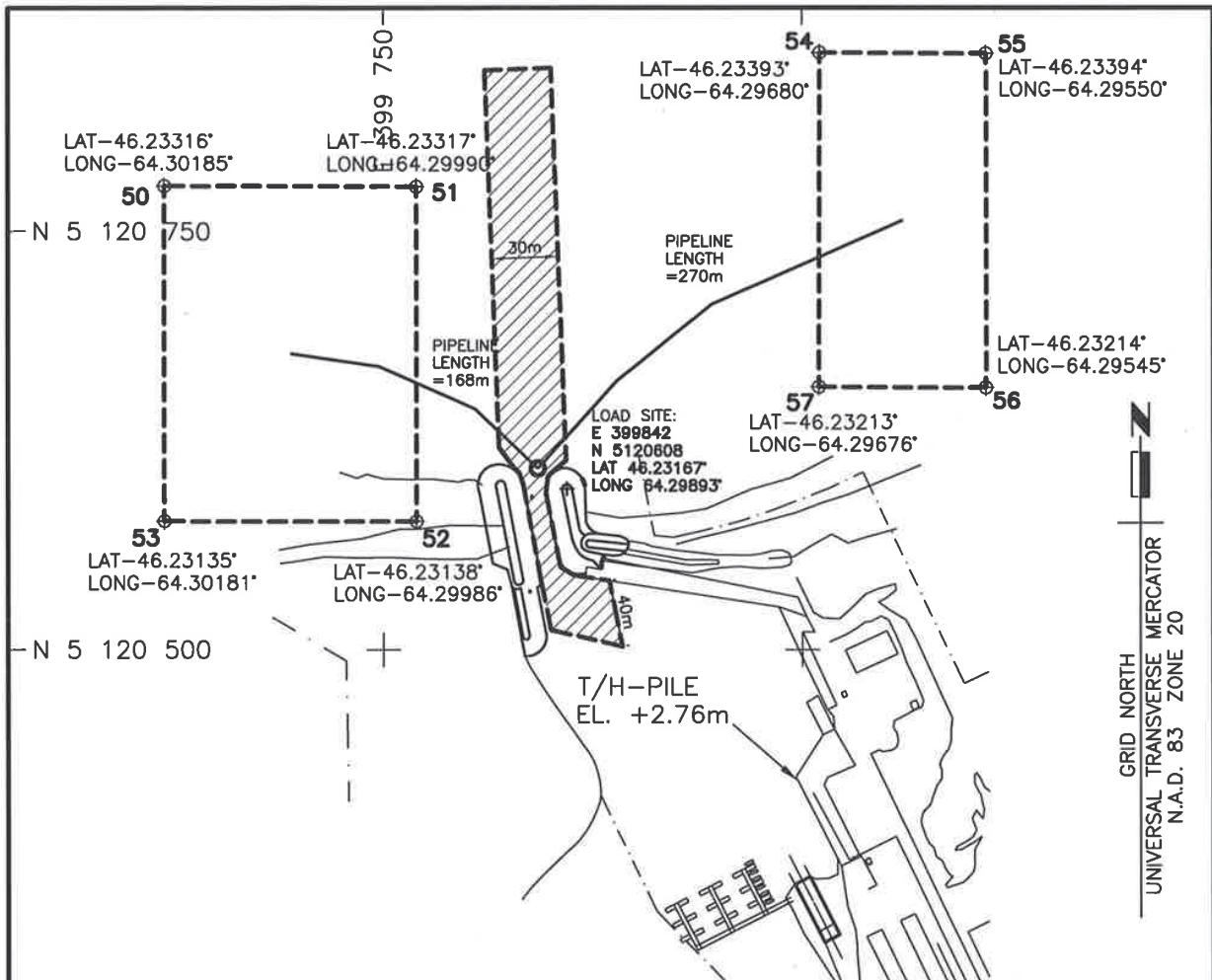


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project STE MARIE ST RAPHAEL GLOUCESTER CO., N.B.		Tender PWGSC Project Manager		Submission Administrateur de projets TPSGC		approved approuvé		date	
project number		no. du projet		drawing no.		no. du dessin		1 OF 1	



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43	E 376 791.962	N 5 140 579.602
44	E 375 948.328	N 5 140 379.602
45	E 375 859.237	N 5 140 755.965

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	<p>drawn</p> <p>P.LEBLANC</p>		<p>dessiné</p> <p>12/2014</p>	<p>date</p>
	<p>approved</p>		<p>approuvé</p>	<p>date</p>
	<p>Tender</p> <p>PWGSC Project Manager</p>			
<p>project</p> <p>DREDGING AREAS 2017</p> <p>BARRE DE COCAGNE</p> <p>KENT CO., N.B.</p>	<p>project number</p>	<p>no. du projet</p>	<p>drawing no.</p> <p>1 OF 1</p>	<p>no. du dessin</p>



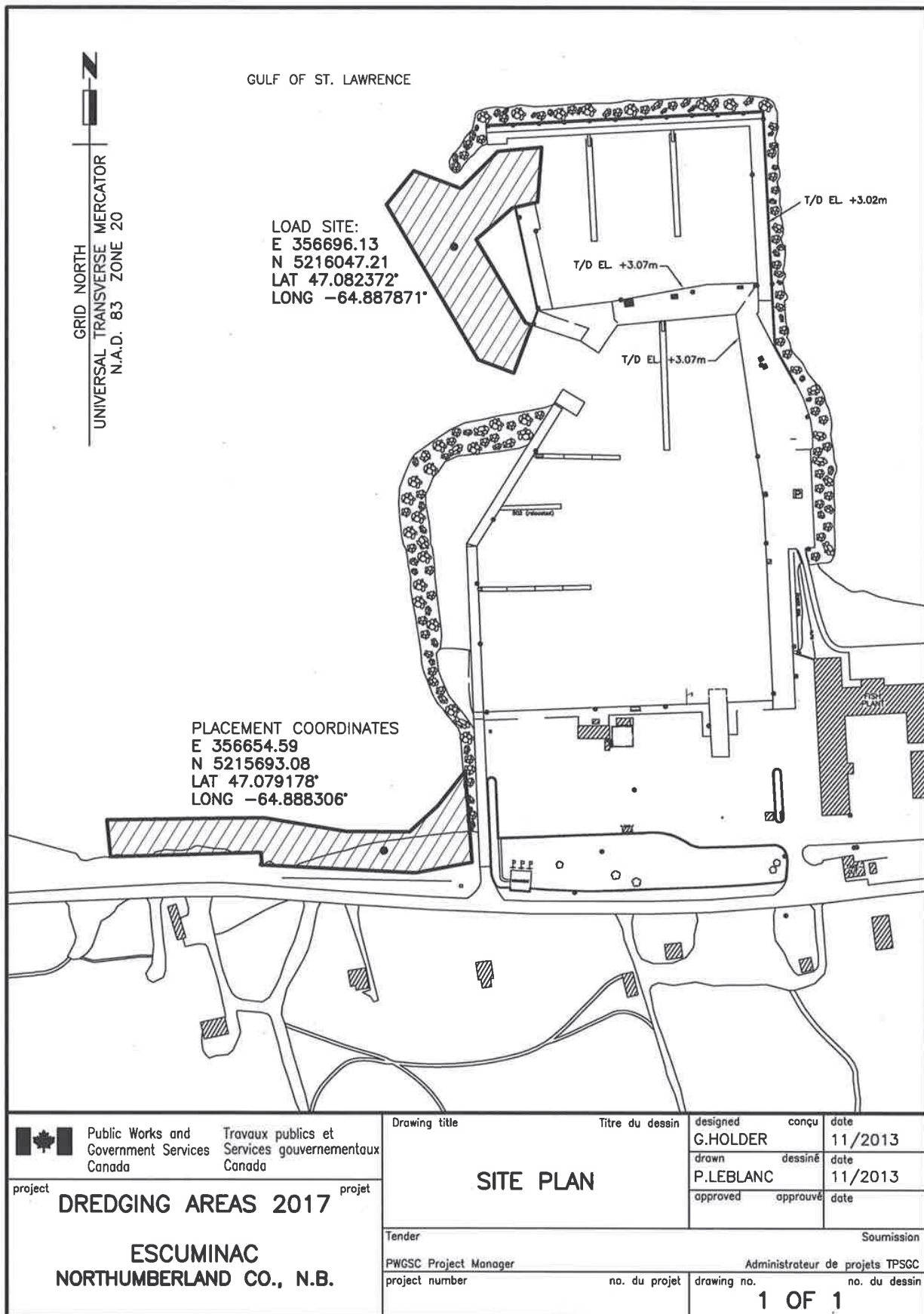
OCEAN DISPOSAL SITE COORDINATES

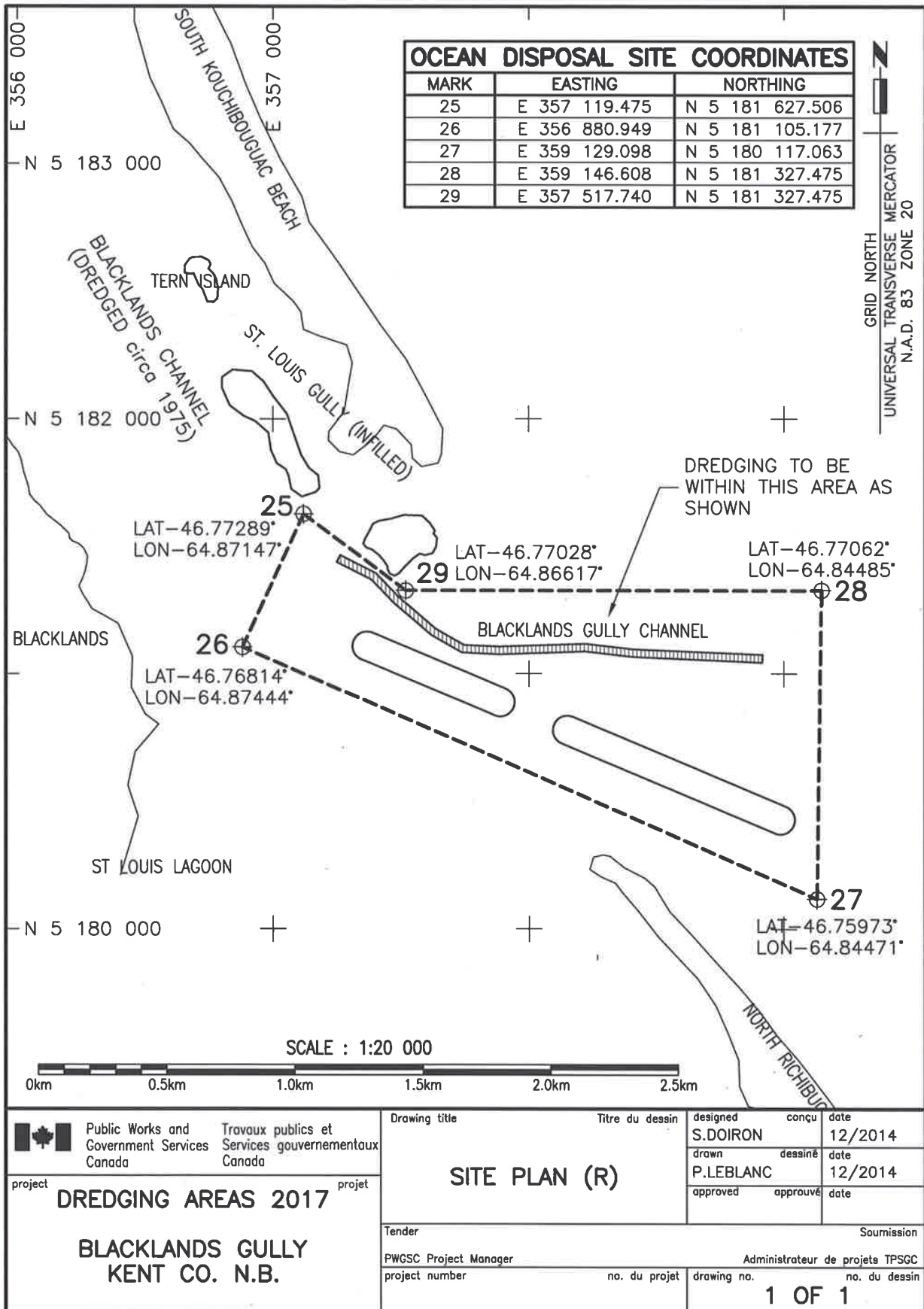
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53	E 399 619.386	N 5 120 576.733
54	E 400 010.427	N 5 120 856.738
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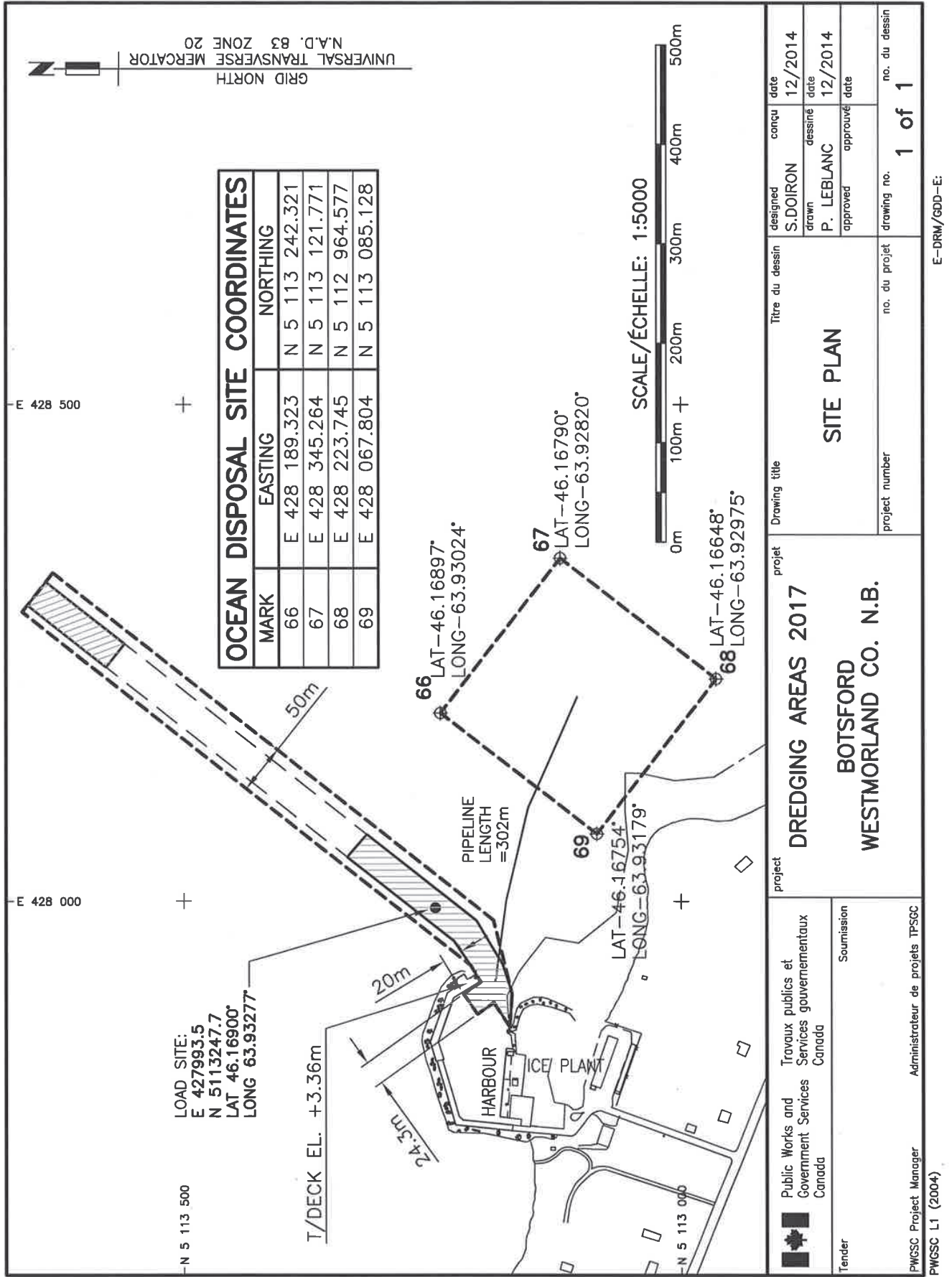
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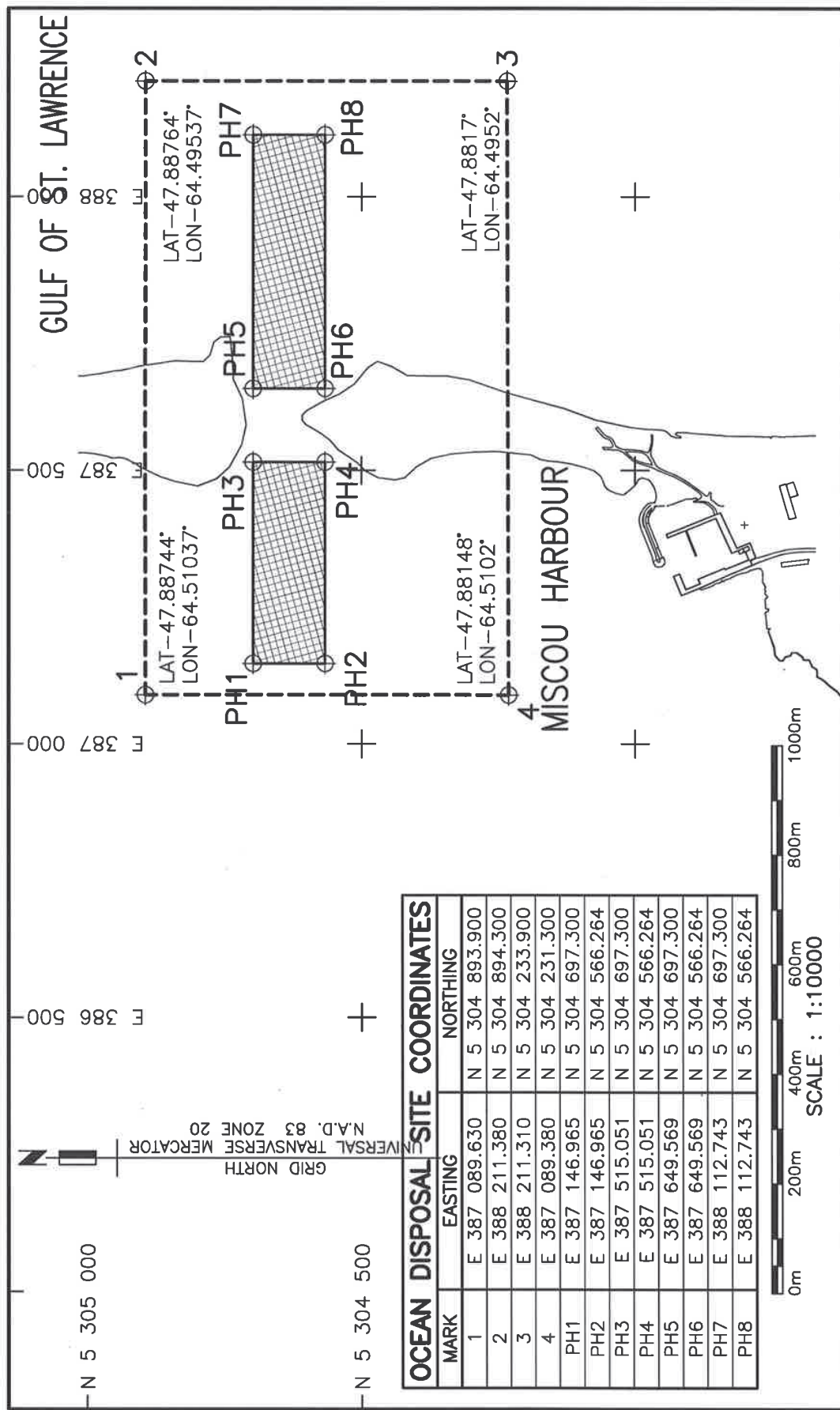


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					<p>P.LEBLANC</p>		12/2014
					approved	approuvé	date
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<p>PWGSC Project Manager</p>		<p>Administrateur de projets TPSGC</p>					
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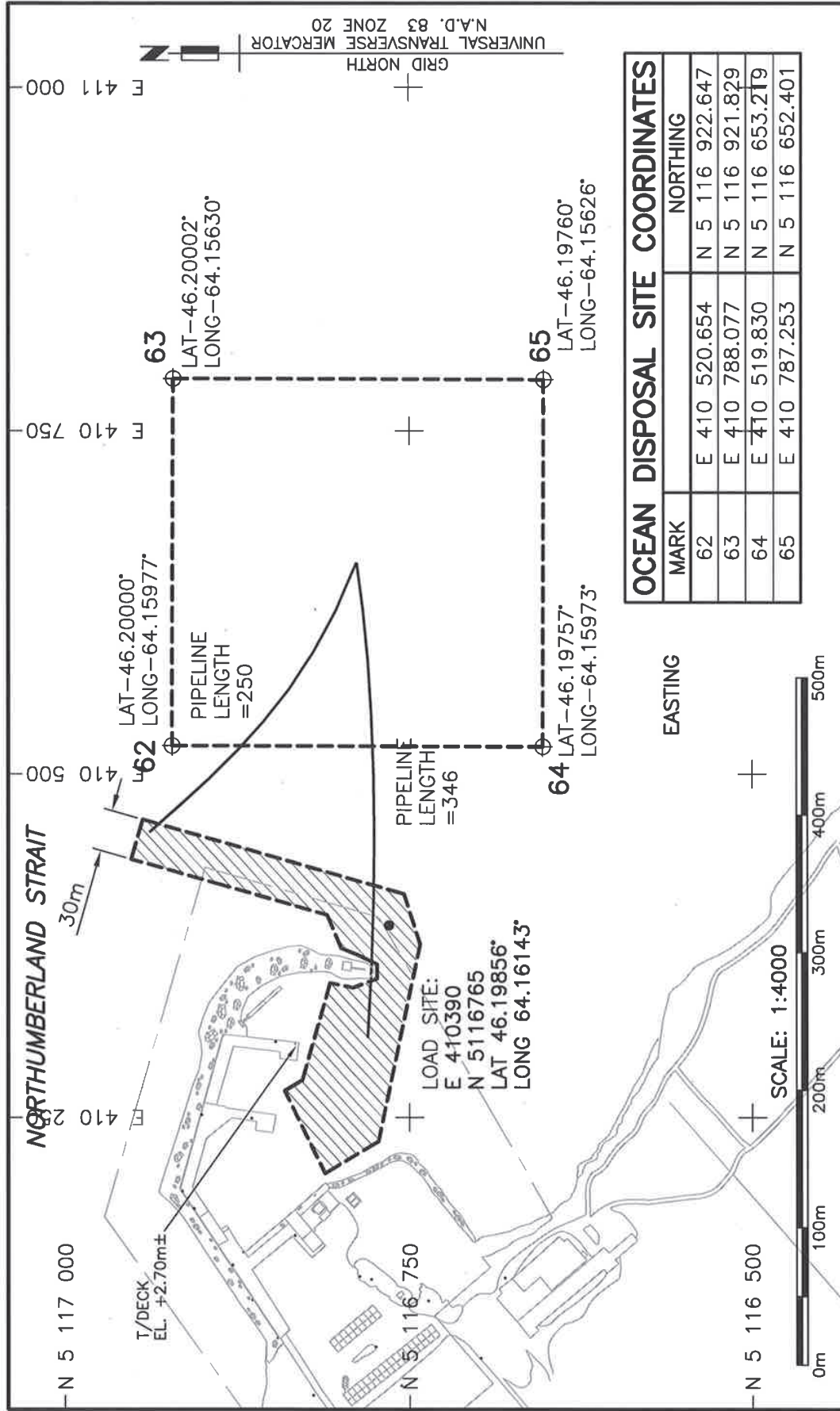








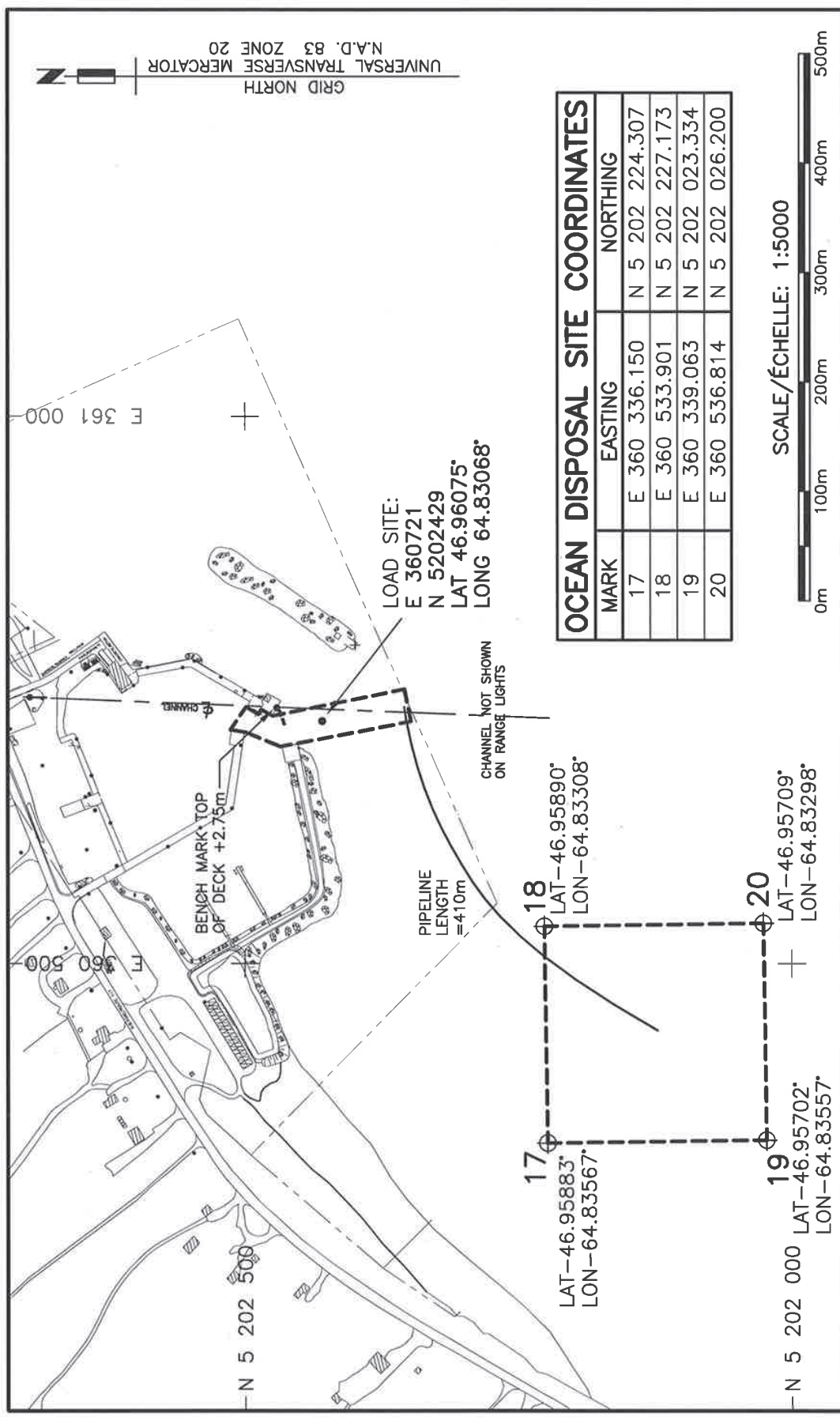
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					dessiné 12/2014	date 12/2014
Tender PWGSC Project Manager		project number no. du projet		drawing no. 1 of 1		no. du dessin 1




OCEAN DISPOSAL SITE COORDINATES

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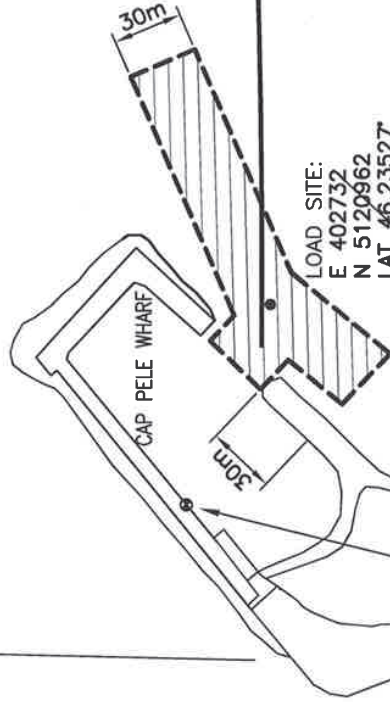
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			Tender PWGSC Project Manager Administrateur de projets TPSCC	Submission Soutmission	Drawn dessiné P. LEBLANC



 Public Works and Government Services Canada	Tender	project		Drawing title		Titre du dessin		designed PWGSC		conçu date	
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Travaux publics et Services gouvernementaux Canada		Sourmission		no. du projet		drawing no.		no. du dessin		1 of 1	
PWGSC Project Manager		Administrateur de projets TPSGC		project number		drawing no.		no. du dessin		1 of 1	

NORTHUMBERLAND STRAIT

APPROXIMATE LOCATION
WATER INTAKE

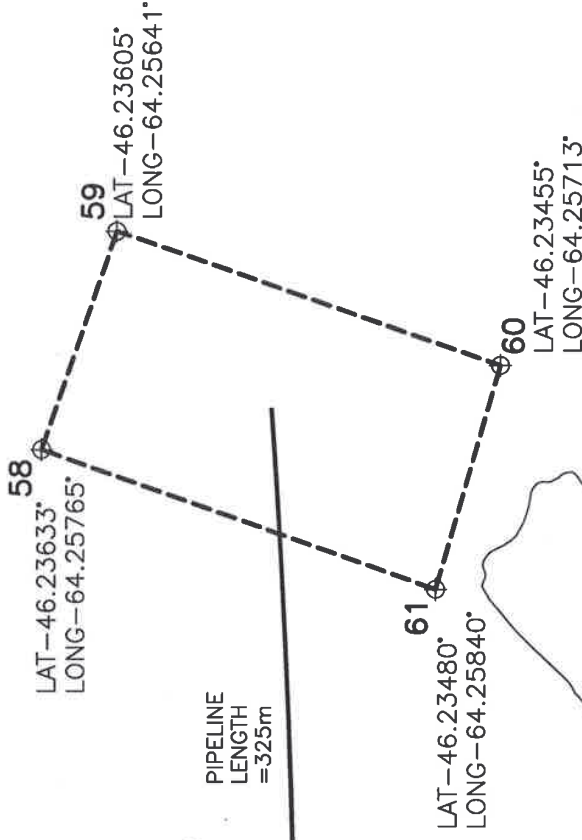


LOAD SITE:
E 402732
N 5120962
LAT 46.23527
LONG 64.26153

APPROXIMATE LOCATION
WATER INTAKE

LWT

BM T/DECK
EL. +3.20m



GRID NORTH
UNIVERSAL TRANSVERSE MERCATOR
N.A.D. 83 ZONE 20

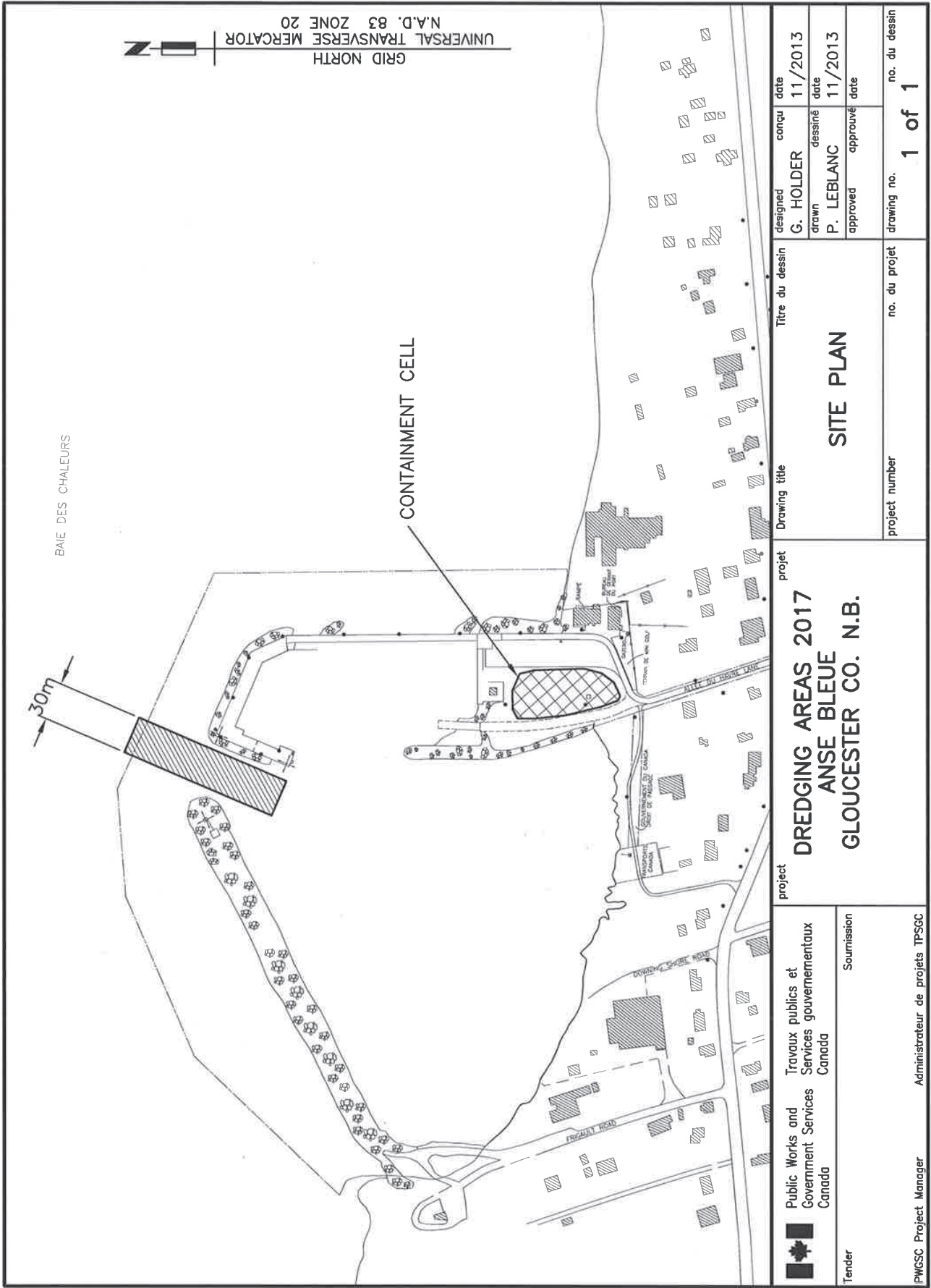
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OCEAN DISPOSAL SITE COORDINATES

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	Tender PWGSC Project Manager		Submission Administrateur de projets TPSGC	
no. du projet 1 of 1		drawing no. 1 of 1		project number 1 of 1
date 12/2014		conçu S.DOIRON		date 12/2014
date 12/2014		dessiné P.LEBLANC		date 12/2014
date 12/2014		approuvé P.LEBLANC		date 12/2014



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										drawn	dessiné	date
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