



ALMIQ CONTRACTING LTD.

**SHOP DRAWING / SAMPLE /
PRODUCT DATA
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PROJECT : CONSTRUCTION OF NANISIVIK NAVAL FACILITY, NU			Submittal NO.	SUB-ALM-DCC-155	
OWNER : DEFENCE CONSTRUCTION CANADA PROJECT NO. : NPO1301 CONTRACT NO. : 55668 CN OUR FILE NO. : 148926			Revision NO. 0	Date: 2015-08-20	()
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			Revision NO. (REVIEWED)	Date: (REVIEWED)	()
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DISCIPLINE : General			NOT REVIEWED (REVIEWED)	()	
CONTRACTOR /SUB-CONTRACTOR : Almiq Contracting Ltd 1340, Ulu Lane P.O. Box 2140 Iqaluit (Nunavut) X0A 0H0			Reviewed only as to general conformity with the design concept. The engineer does not warrant or represent that the information contained on this drawing is either accurate or complete. Sole responsibility for correct design, details and dimensions shall remain with the party submitting the drawings.		
Person in Charge : Marc Deschênes Phone : 418-668-0175, 214 Fax : 418-668-0652			WORLEYPARSONS CANADA SUPPLIER : By: <i>as</i> Date: <i>2016-04-13</i>		
Person in Charge : Phone : Fax :			Person in Charge : Phone : Fax :		
SHOP DRAWINGS, PRODUCT DESCRIPTION OR SAMPLE SUBMITTED FOR APPROVAL:			SPECS REFERENCE :		
ABANDONMENT AND RESTORATION PLAN FOR TEMPORARY FACILITIES			01 35 43 Environmental Procedure 01 52 00 Temporary Facilities		
NOTES :					

We declare that we have verified the attached documents and/or sample, that they are in compliance with the contract documents and are approved for the construction of the project.

Marc Deschênes, Project Manager
Contractor's Representative Stephanie B. Dallaire FOR
Stephanie B. Dallaire 2016.04.06 11:07:03
-04'00'

Signature

Date

Abandonment and Restoration Plan For Temporary Facilities

CONTRACT: NPO1301 – 55468 Const. of Nanisivik Naval Facility

Location: Nanisivik, Nunavut

Client: Defence Construction Canada

Company: Almiq Contracting Ltd.

Prepared by: Stéphanie Bouchard-Dallaire

Title/Function: Project Technician

Date : 2016-04-04

Revision: 1

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By: CJM
Date: 2016-04-13

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1 GENERAL

This plan is made in compliance with regulations, guidelines and policies of Nunavut, as required in the project's water license no. 8BC-NNF1418. It was made according to the *Guidelines for Abandonment and Restoration of Mine Sites in NWT – September 1990*. This plan also follows the recommendations of the *Mine Site Reclamation Policy for Nunavut*, but is also part of Almiq's commitment to protect the environment from contaminants resulting from its construction activities.

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By: CSM

Date: 2016-04-13

1.1 Environmental Policy of the Company

Almiq Contracting Ltd. is committed to protect the environment, protect the health, safety and welfare of its employees and the communities in which it operates. The Company is committed to comply with all the regulations, guidelines and policies applicable to the protection of the environment, to assess the risks related to its business and to take measures to ensure continuous improvement.

Our vision is based on our core values of commitment, integrity, respect, trust, health, safety and environment, teamwork and openness to different cultures.

Guidelines for health, safety and environmental protection

- We work together to identify, analyze, eliminate or control the risks associated with HSE for our employees, communities and the environment in which we operate in order to meet the minimum HSE legislation.
- We fulfill our duties with respect to HSE and we ensure that our employees are equipped, trained and motivated to achieve our goal of zero incidents, injury and disease.
- However, if an accident were to occur, we favor a return to work as quickly as possible using the temporary assignment.
- We encourage on a regular basis, through safety breaks, our employees to adopt a healthy lifestyle, to be careful and respect the environment at work and at home.
- We check each shipment of hazardous materials (WHMIS).
- We strive to prevent and minimize the adverse effects of our activities on the environment.
- We actively participate into LEED projects.
- We collect harmful materials and dispose of them in accordance with the regulations, guidelines and policies.
- We develop, when required, an environmental response plan tailored to our projects.

To support this policy, Almiq Contracting Ltd. is committed to:

- Ensure that all those who work for the company understand their responsibilities with regard to the HSE and demonstrate through concrete action their commitment to achieving the goal of zero incidents.
- Favour an open and transparent communication to build lasting relationships with our stakeholders and to make long-term improvements in HSE.
- Encourage, recognize and reward positive contributions to HSE performance.
- Maintain the employment relationship with a temporary assignment for any injured employee to facilitate return to work as soon as possible.

To support this policy, the employee is obligated to:

- Timely completion of the appropriate documents for reporting of an incident, accident, or other problems.
- Follow all guidelines and instructions provided by their immediate supervisor.

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By:

Date:

CJM

2016-04-13

ABANDONMENT AND RESTORATION PLAN FOR TEMPORARY FACILITIES

- Collaborate with the company during HSE investigations.
- Remember that the HSE is everyone's responsibility.



Charles Deslauriers, General Director



Lynda Noël, Assistant General Director

1.2 Goal

The goal of restoration is to prevent progressive degradation, and to enhance natural recovery of areas affected by our construction operations.

- To ensure the impact of temporary facilities on the environment and human health and safety is minimized.
- To ensure that temporary facilities, wastes and storage areas are abandoned in such a manner that the requirement for long-term maintenance and monitoring is minimized;
- To prevent continued loadings of contaminants and wastes to the environment;
- To prevent acid drainage; and
- To return affected areas to a state compatible with the original undisturbed conditions, giving due consideration to practical factors including economics, aesthetics, future productivity, and future users.

1.3 Content

The plan contains abandonment and restoration for the following temporary infrastructures:

- Quarry Site (please refer to Quarry Management plan)
- Waste Rock and Overburden Piles
- Fuel and Chemical Storage Areas
- Roads and Other Drainage Inhibitors
- Solid Waste Management
- Buildings and Other Structures

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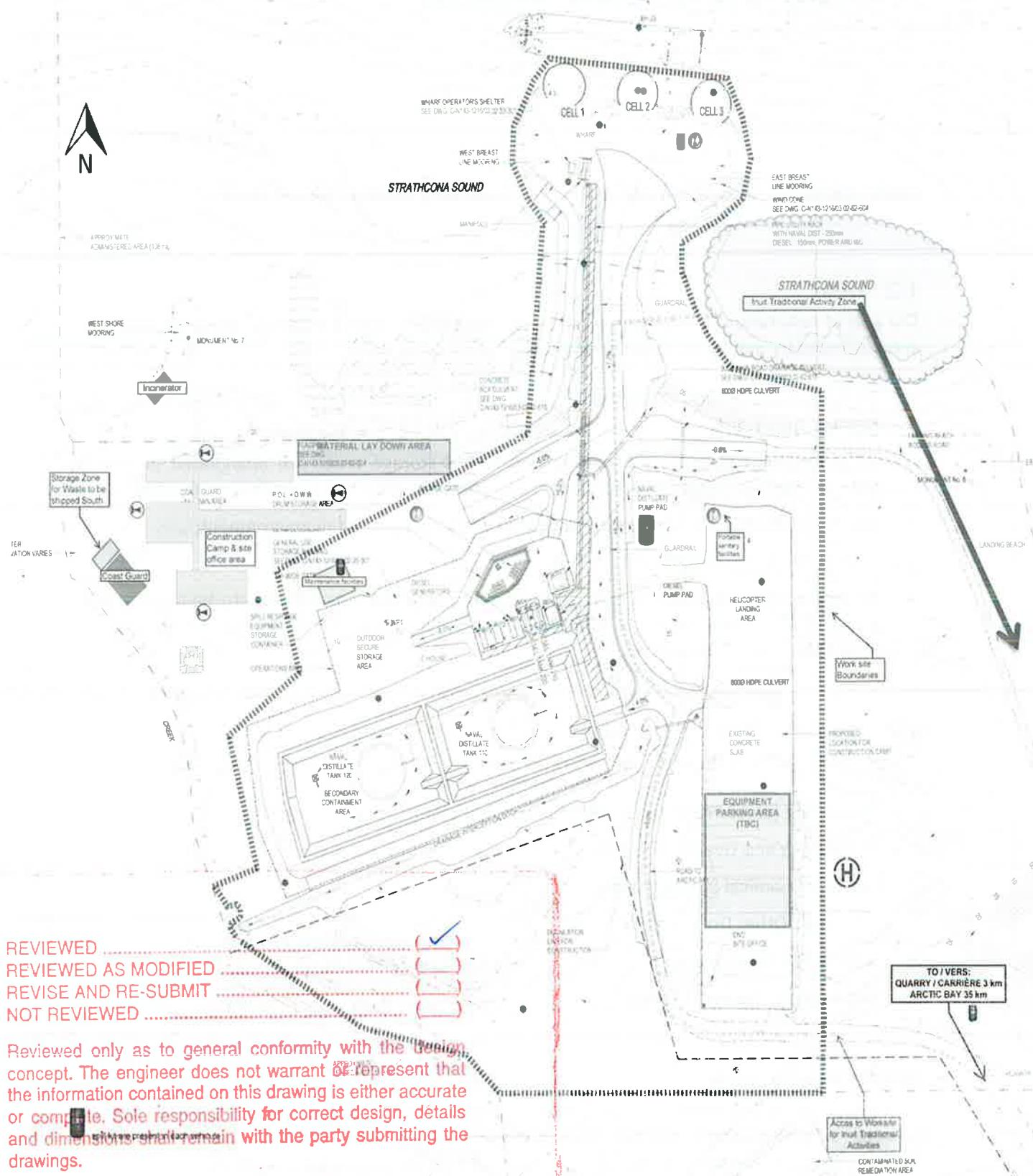
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1.4 Commitments

By the present, Almiq commits to minimize disturbance to the site. Almiq commits to well plan and execute, in a responsible manner, an abandonment and restoration plan for its temporary facilities. Almiq makes the commitment to reclaim the site to acceptable standards.

1.5 General site layout and specific areas



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Date: 2016-04-13

1.6 Financing

Abandonment and restoration is part of the submitted price for the construction of the Nanisivik Naval Facility, under *demobilization* item.

1.7 Optimal abandoned condition compatible with the surrounding undisturbed area

Each infrastructure will be treated separately further in this document, but it is important to note that the footprints of all the infrastructures is located either within the boundaries of the actual operation area of the fuel tanks or the Canadian Coast Guard (CCD) laydown area. These areas have been disturbed for many years because of heavy mining operations. No vegetation exists within the area and the site is intended to be used for ship refueling operations afterwards.

No long term maintenance and monitoring should be required as the ship refueling operations will only begin in 2018; at which time, demobilization of temporary facilities will be completed and the site be reclaimed as it was when the contract began (July 2014) and as per Defence Construction Canada (DCC) requirements.

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2 ABANDONMENT AND RESTORATION PLAN

2.1 Buildings and other structures

The camp installations as well as the maintenance facilities are located within the laydown area; an area already used for material storage. The camp and the garage, as well as any container or other site material, will be removed before the water license expires.

The area will be re-graded to avoid erosion and bonding and to accomodate the users of the area.

2.2 Roads

Almiq will backfill and restore all Sumps to the pre-existing contour of the land.

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body such that the quality, quantity or flow of Water is not impaired, unless otherwise approved by the Board in writing.

Measures will be implemented to minimize erosion and sedimentation.

2.8 Other facilities or sites utilized during the construction phase

Sediment pond used in dewatering of ground water activities: berms surrounding the area will be levelled. Membrane will be removed and disposed of as planned above. Care must be taken in the final grade design to ensure that the potential for ponding is eliminated.

3 Schedule of completion

Works and final waste demobilization will be done and completed in August and September 2018.

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