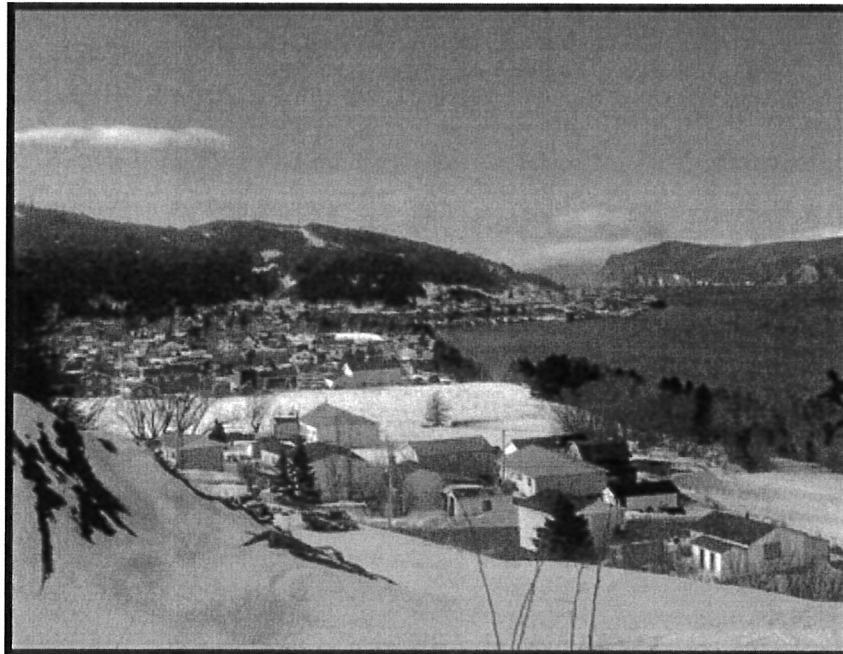


ENVIRONMENTAL ASSESSMENT

PROPERTY: Property adjacent to Main Street
Cox's Cove, NL.



FOR

Ms. Tina Sheppard – Town Clerk

Cox's Cove, NL.

PREPARED BY: CECON LTD.

DATE: March 25, 2025

Project # : 24213

NAME OF UNDERTAKING:

Town of Cox's Cove - Breakwater

PROPONENT:

(i) Name of Corporate Body: Town of Cox's Cove

(ii) Chief Executive Officer:

Name: Tina Sheppard

Official Title: Town Clerk

Address: N/A

Telephone No. : N/A

(iii) Principal Contact Person for purposes of environmental assessment:

Name: Mr. Bradley Burton, P. Eng.

Official Title: Civil Engineer, Cecon Ltd.

Address: N/A

Telephone No. : N/A

Date: March 25, 2025

THE UNDERTAKING:

(i) Name of the Undertaking: Town of Cox's Cove - New Breakwater

(ii) Purpose/Rationale/Need for the Undertaking:

The town is in need of a breakwater to protect critical infrastructure, water, sewer and roads from storm surges and future erosion.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location:

Situated in Cox's Cove just 20km Northwest of Corner Brook, the Town has applied for a Title to the land to construct a total of 350 linear meters of breakwater.

(ii) Physical Features:

The project will consist of two (2) separate new breakwaters adjacent to Main Street with a combined total length of approximately 350 linear meters. These breakwaters will be designed in three (3) layers consisting of increasingly larger armour stone. Once a bathometric survey is complete a final design can be complete however it is anticipated that the top of the breakwater will span approximately 2-3 meters wide and the base may span upwards of 20-25 meters. The

total area of construction will be approximately 17,000 sq.m. See attached Figure 1 in appendices for detailed design.

The potential physical and biological entities which could be affected would be any wildlife and/or vegetation that may be located along the shores of Cox's Cove. Physical entities that will be affected are the Main infrastructures surrounding the breakwaters, which will be provided protection from erosion.

(iii) Construction (if applicable):

Construction would be planned for the summer months with estimated completion in the Fall of 2025. First physical construction(pending approvals) would be planned for August 4th, 2025.

The initial stages of construction will consist of a bathometric survey to obtain sub-sea information for design. Once designed the breakwaters will be built through the use of tandem trucks to transport the armour stone and dredging excavator that can reach 18-20 meter lengths to place the stone.

Depending on the winning contractor there may also be the need to use some working barges capable of carrying armour stone and an excavator to place the material.

Main sources of pollutants would be heavy equipment, specifically emission. To mitigate any adverse environmental effects the contractor will have an environmental protocol(typically includes reduced idle times on equipment) and all required spill kits and booms readily available in the occasion a spill does occur.

(iv) Operation:

The structure is planned to be permanent with no future pollutants during its lifetime operation.

The proposed development will operate as a protective barrier for Main Street and surrounding infrastructure from future storm surges and erosion. No future causes of resource conflicts are anticipated.

(v) Occupations:

No future occupations will be produced through the building of these breakwaters. A total of 400 construction hours is anticipated which could provide a contractor with upwards of 4,000 hours of employment for operators and labourers. These would fall under NOC # 7202 for an estimated 10 workers.

This employment would be part time 40 hours a week for 10 weeks during the construction phase.

(vi) Project Related Documents:

There are no additional project related documents for this project.

APPROVAL OF THE UNDERTAKING:

The Town of Cox's Cove is the owner of this undertaking and has provided approval to proceed with this construction. The only other requirement in which the owner is awaiting will be the Release of Environmental Assessment from the EA Department.

SCHEDULE:

The anticipated schedule would be starting construction in the Summer of 2025 and having the operations available for the Fall of 2025 with approvals.

FUNDING

The entire project is funded through ICIP funding stream of Green Infrastructure with the Town providing their required share. The owner has total funding of \$610,000.00 available for the development of land and construction of breakwaters.

April 14, 2025

Date

A handwritten signature in black ink, appearing to read 'Dina', followed by a horizontal line.

Signature of Proponent/Chief Executive Officer

The completed Registration and the digital and paper copies should be sent, together with a covering letter, to:

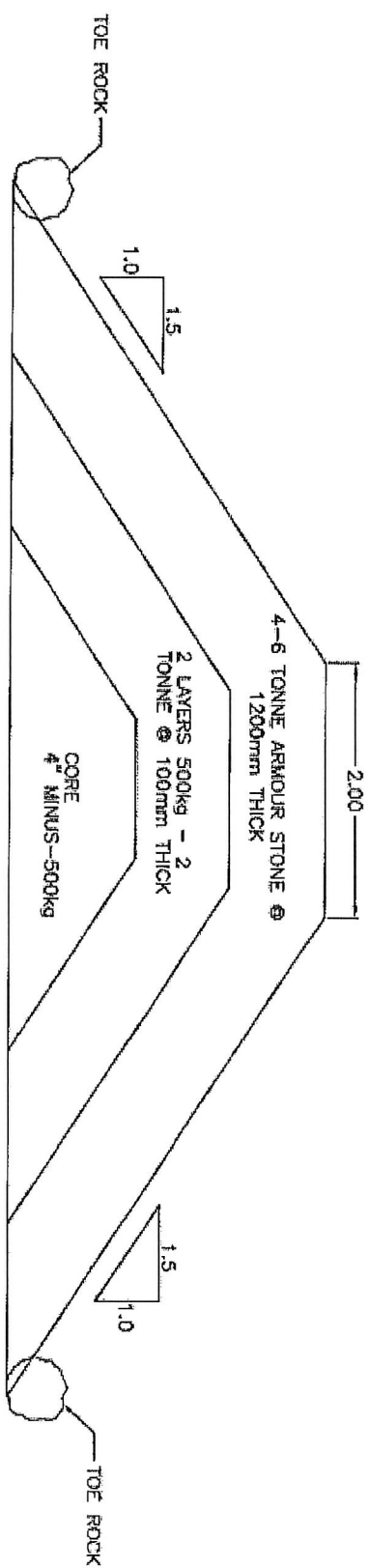
Minister of Environment and Climate Change

PO Box 8700

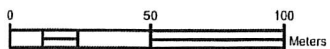
St. John's NL A1B 4J6

Attention: Director of Environmental Assessment

Figure 1.



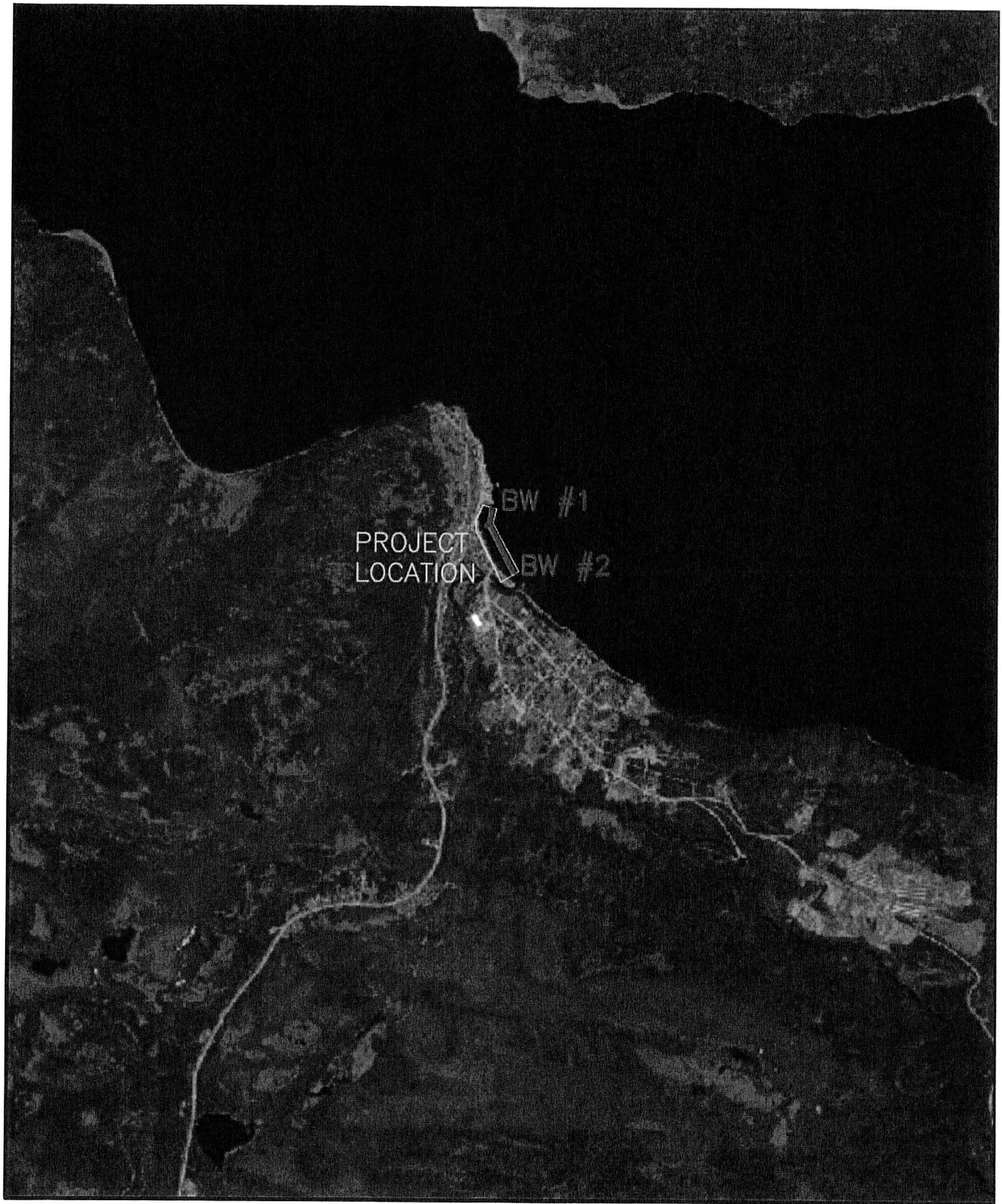
B
1/2
BREAKWATER DETAIL
SCALE 1:50



1:2500

PROJECT LOCATION
NEW MIDDLE ARM BREAKWATERS
PROJECT 17-GI-24-00084



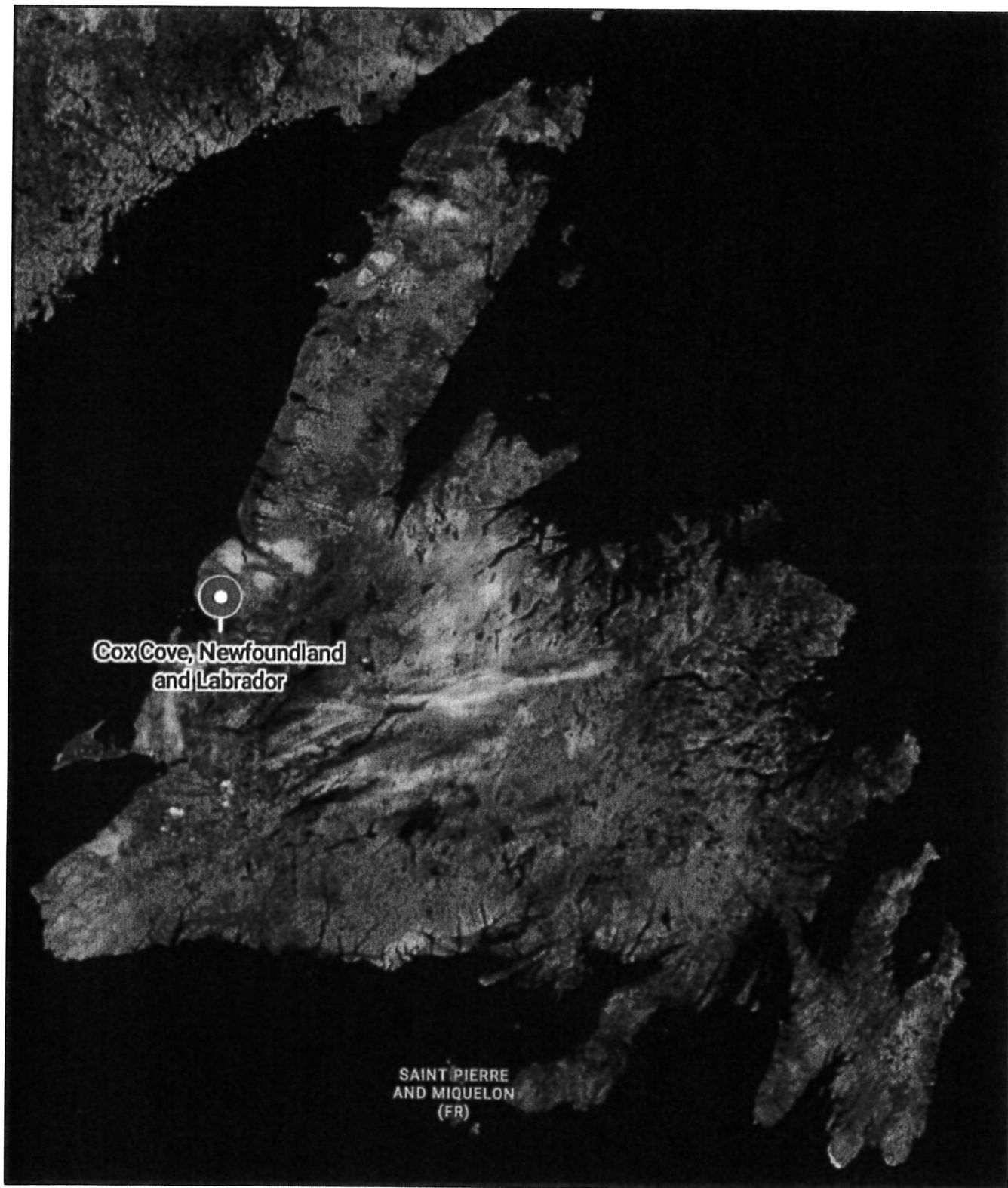


0 500 1000 Meters

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PROJECT LOCATION
NEW MIDDLE ARM BREAKWATERS
PROJECT 17-GI-24-00084





PROJECT LOCATION
NEW MIDDLE ARM BREAKWATERS
PROJECT 17-GI-24-00084

