

H 230
May 26, 1998

Mr. David Porter
Licence Administrator
Nunavut Water Board
BOX 119
GJOA HAVEN, NT
XOE 1J0

Dear Mr. Porter:

Application for NWT Water Management Board Licence- Kerchoffer River Bridge, Coral Harbour, NT

The purpose of this correspondence is to request the necessary licence from your agency to permit the construction of a steel girder bridge across the Kerchoffer River near Coral Harbour, NT. The GNWT Department of Transportation, acting on the request of the Hamlet of Coral Harbour, will be constructing the project in 1998/99. The project will be located 200 metres upstream of the waterfall and will provide improved access to the area west of the community.

The proposed bridge is 84 metres long with a 3.5 metre wide steel grating deck. The bridge will have metal railings. Concrete footings will support the superstructure. Construction of the abutment will occur from July 1998 through September 1998. The superstructure will be constructed on the frozen river from January 1999 through March 1999.

In addition to your department, we have contacted the following government agencies.

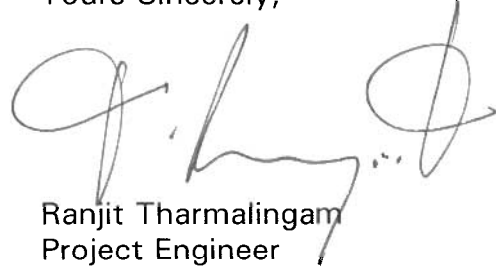
Canada Coast Guard
Department of Fisheries and Oceans
DIAND Water Resource Management Branch, Lands Division
Environment Canada: Environment and Protection Division
GNWT Ministry of Municipal Affairs: Commissioner of Public Lands

.../2

We are seeking the required Water Licence from your department. Attached is a copy of the location plan and a general layout illustrating the proposed bridge configuration.

If you have any questions or need additional information, please do not hesitate to contact me at (867)-873-7808.

Yours Sincerely,

A handwritten signature in black ink, appearing to read 'R. Tharmalingam', with a stylized flourish at the end.

Ranjit Tharmalingam
Project Engineer
Highways and Engineering Division

Attachment

**NUNAVUT WATER BOARD
LICENCE APPLICATION FORM**

Application for licence, amendment to licence, or renewal of licence

APPLICATION/LICENCE NO:
(Amendment or renewal only)

NWB 4 KER

1. NAME AND MAILING ADDRESS OF APPLICANT

Ranjit Tharmalingam
GNWT, Department of Transportation
Box 1320
Yellowknife, NT X1A 2L9
Phone: 873-7808 Fax: 873-0288

2. ADDRESS OF HEAD OFFICE IN CANADA IF INCORPORATED

SAME

Phone: _____ Fax: _____

3. LOCATION OF UNDERTAKING (describe and attach a map, indicating watercourse and location of any proposed waste deposits)

Kerchoffer River, Coral Harbour, NT

Latitude: 64°08'N

Longitude: 83°26'W

4. DESCRIPTION OF UNDERTAKING (describe and attach plans)

84 m Steel Girder Bridge

5. TYPE OF UNDERTAKING☐ Industrial☐ Power☐ Agricultural☐ Mining and Milling☐ Conservation☐ Recreation☐ Municipal☒ Other (describe): Commercial**6. WATER USE**☐ To obtain water☐ Flood control☒ To cross a watercourse☐ To divert water☐ To modify the bed or bank of a water☐ To alter the flow of, or store, water☐ Other (describe): _____**7. QUANTITY OF WATER INVOLVED (litres per second, litres per day or cubic metres per year, including both quantity to be used and quantity to be returned to source.)**

N/A

8. WASTE DEPOSIT (quantity, quality, treatment and disposal)

All materials will be disposed of at the community dump site.

9.	OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)
10.	PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION No environmental impacts expected.
11.	CONTRACTORS AND SUB CONTRACTORS (name, address and functions)
12.	STUDIES UNDERTAKEN TO DATE (list and attach copies) N/A
13.	INSURE THE FOLLOWING INFORMATION IS ALSO INCLUDED Land Use Permit ☐ Yes ☐ No Date Expected <u>Applied for</u> Supplementary Questionnaire ☐ Yes ☐ No Date Expected <u>N/A</u> Inuktitut Summary of Project ☐ Yes ☐ No Date Expected <u>N/A</u> MAP @ 1 : 250,000 (with camp, drill sites, etc.) ☐ Yes ☐ No Date Expected <u>Attached</u>
14.	PROPOSED TIME SCHEDULE Start Date: <u>July 1, 1998</u> Completion Date: <u>June 30, 1999</u>

Ranjit Tharmalingam

Name (Print)

Project Engineer

Title (Print)

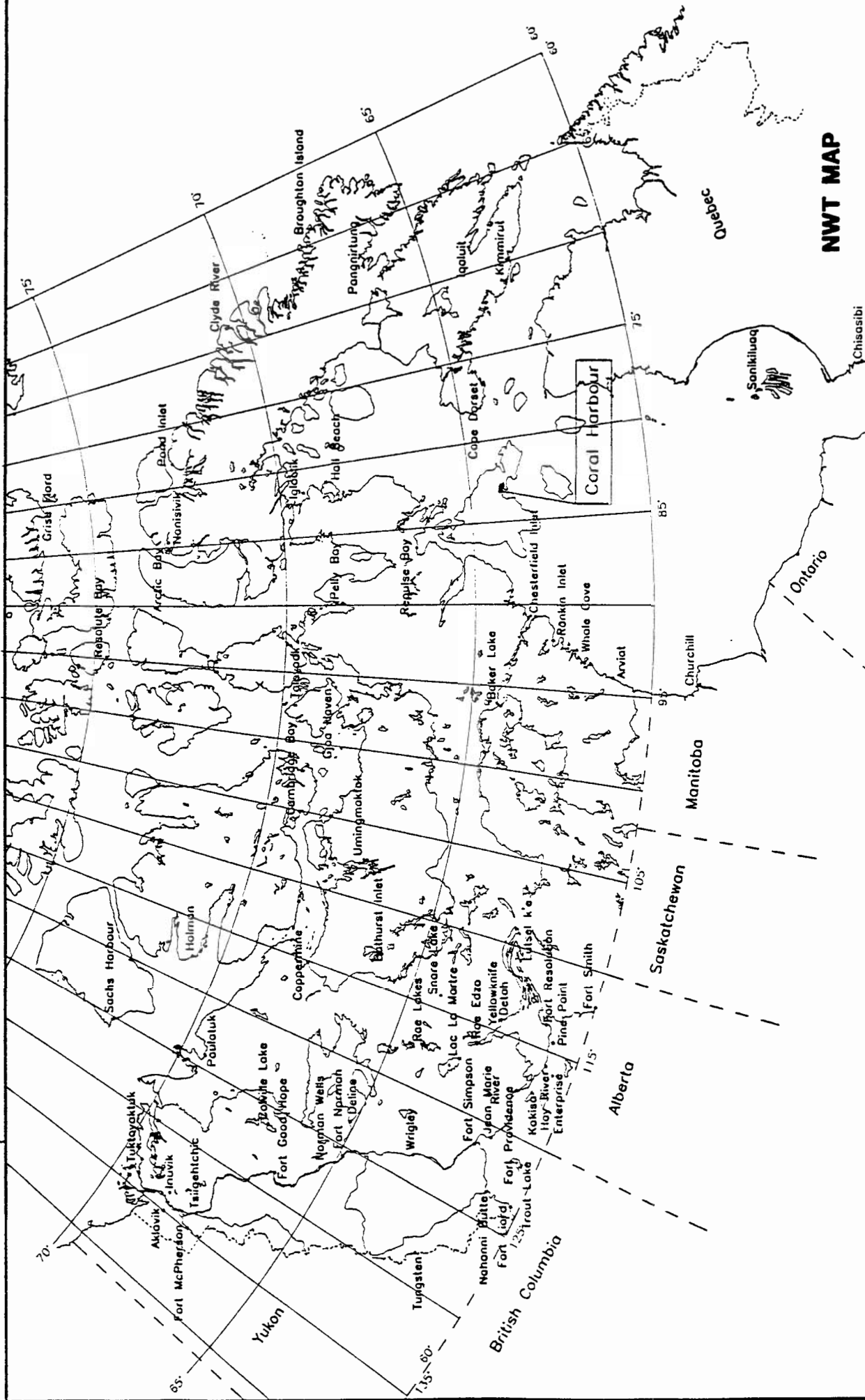
Signature

26/05/98

Date

APPLICATION FEE	Amount: \$	Receipt No.
WATER USE DEPOSIT	Amount: \$	Receipt No.

File Name : LOCMAP01.DWG



NWT MAP

Title:

Designed by:

Drawn by: **M. Buczyńska**

Approved by:

Scale:

24-02-97

Date _____

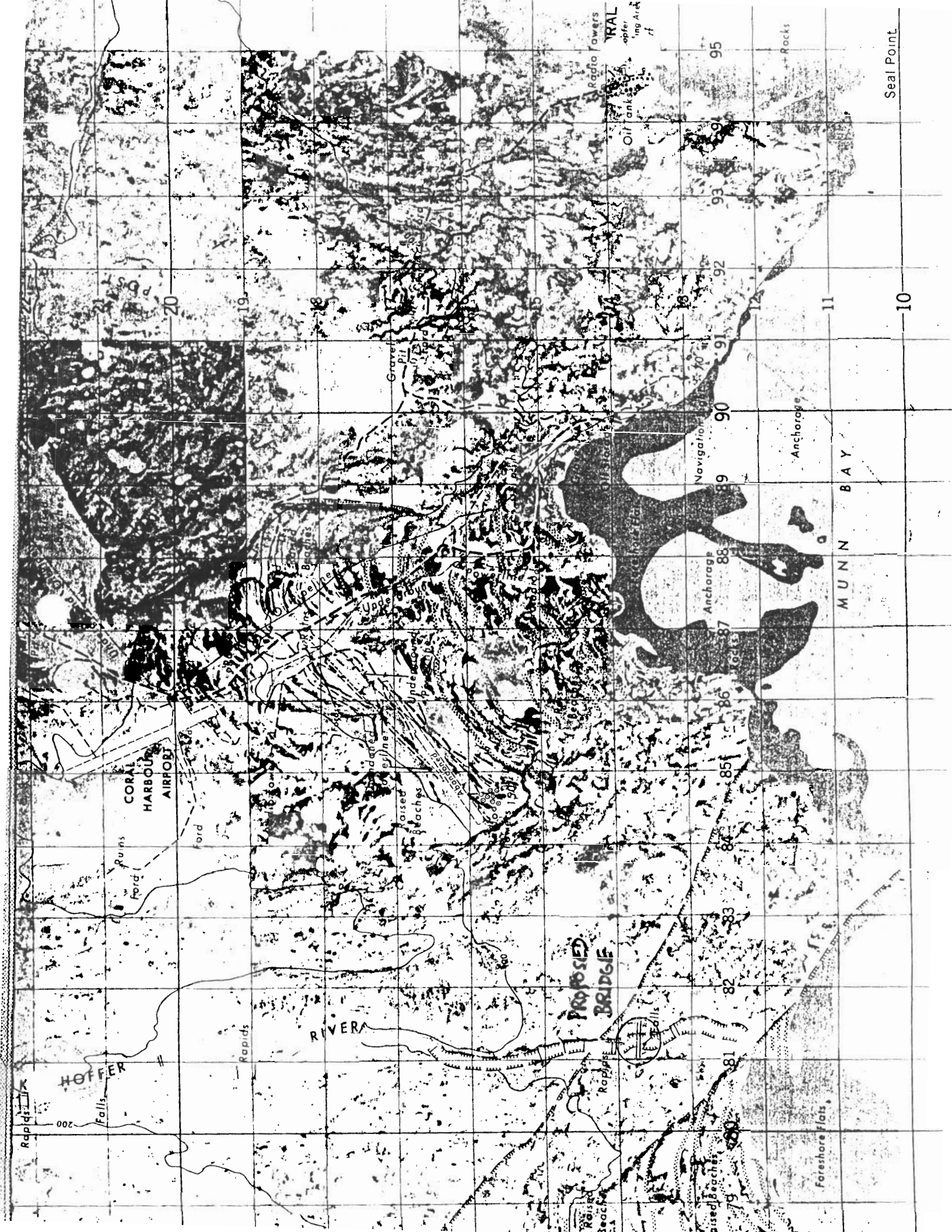
Project No 97-9149

Drawing No MAP



Northwest Territories Transportation

CORAL HARBOUR, KEEWATIN REGION, NWT
LOCATION MAP





U.S. ARMY CORPS OF ENGINEERS
WATERWAYS DIVISION
NEW YORK OFFICE

Project: CHAMBERS STREET BRIDGE
Location: CHAMBERS STREET, NEW YORK CITY
Date: 1935

Scale: 1" = 10'
Drawing No.: 1

Sheet No.: 1

Drawn by: J. J. KELLY
Checked by: J. J. KELLY

Project: CHAMBERS STREET BRIDGE

Location: CHAMBERS STREET, NEW YORK CITY

Date: 1935

Scale: 1" = 10'

Drawing No.: 1

Sheet No.: 1

Drawn by: J. J. KELLY

Checked by: J. J. KELLY

Project: CHAMBERS STREET BRIDGE

Location: CHAMBERS STREET, NEW YORK CITY

Date: 1935

Scale: 1" = 10'

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Drawing No.: 1

Sheet No.: 1

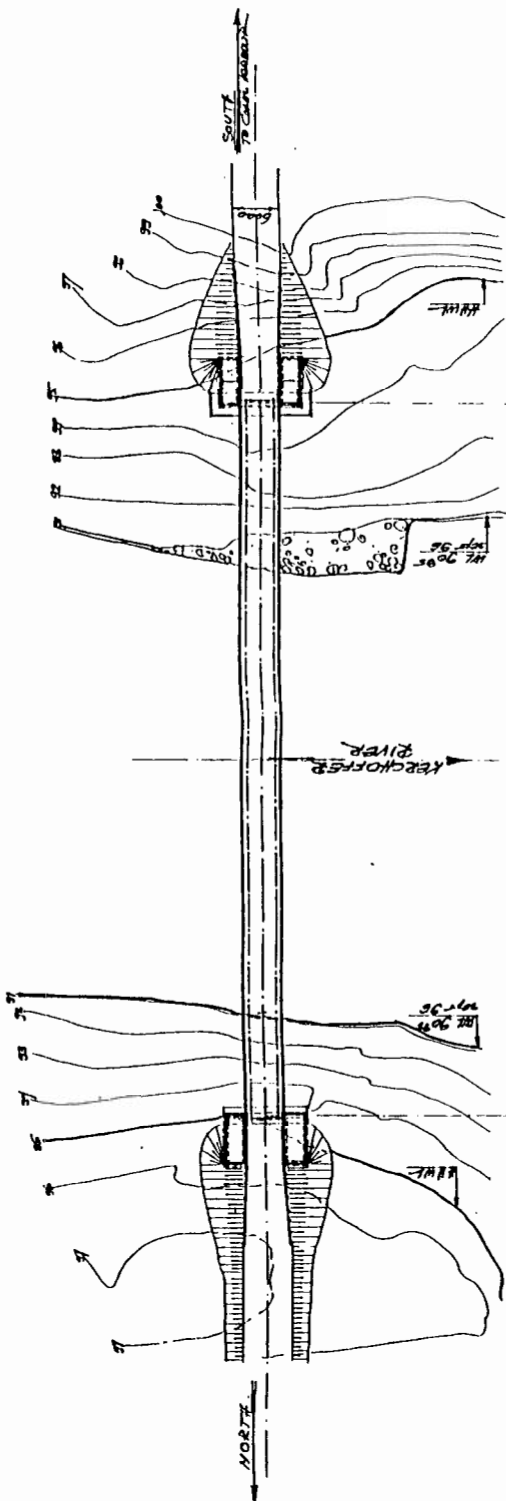
Drawn by: J. J. KELLY

Checked by: J. J. KELLY

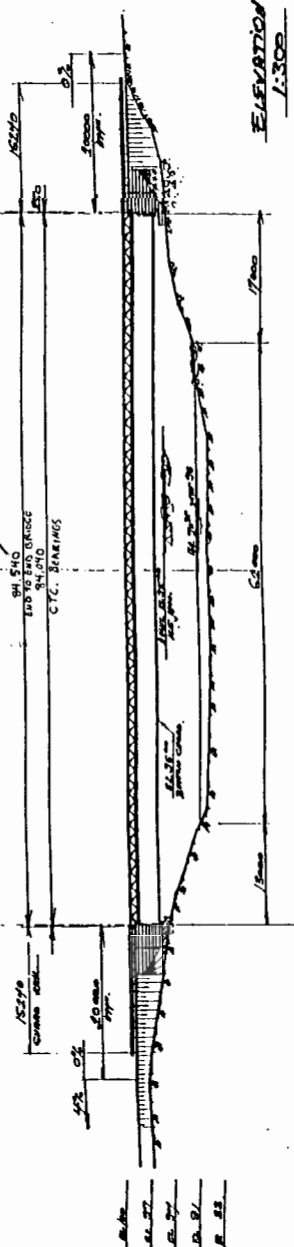
Project: CHAMBERS STREET BRIDGE

Location: CHAMBERS STREET, NEW YORK CITY

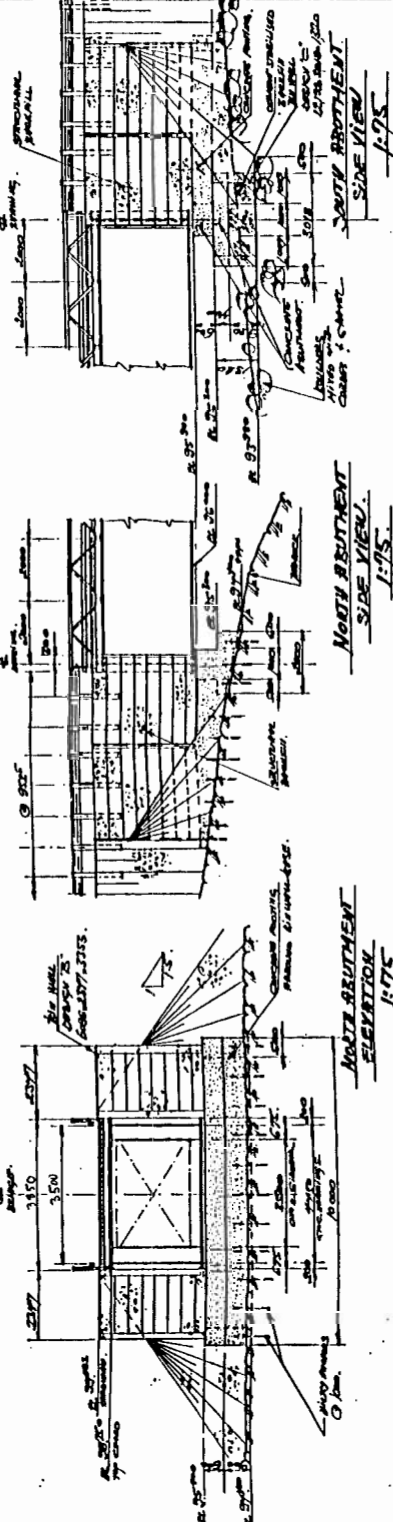
Date: 1935



PLAN
1:500



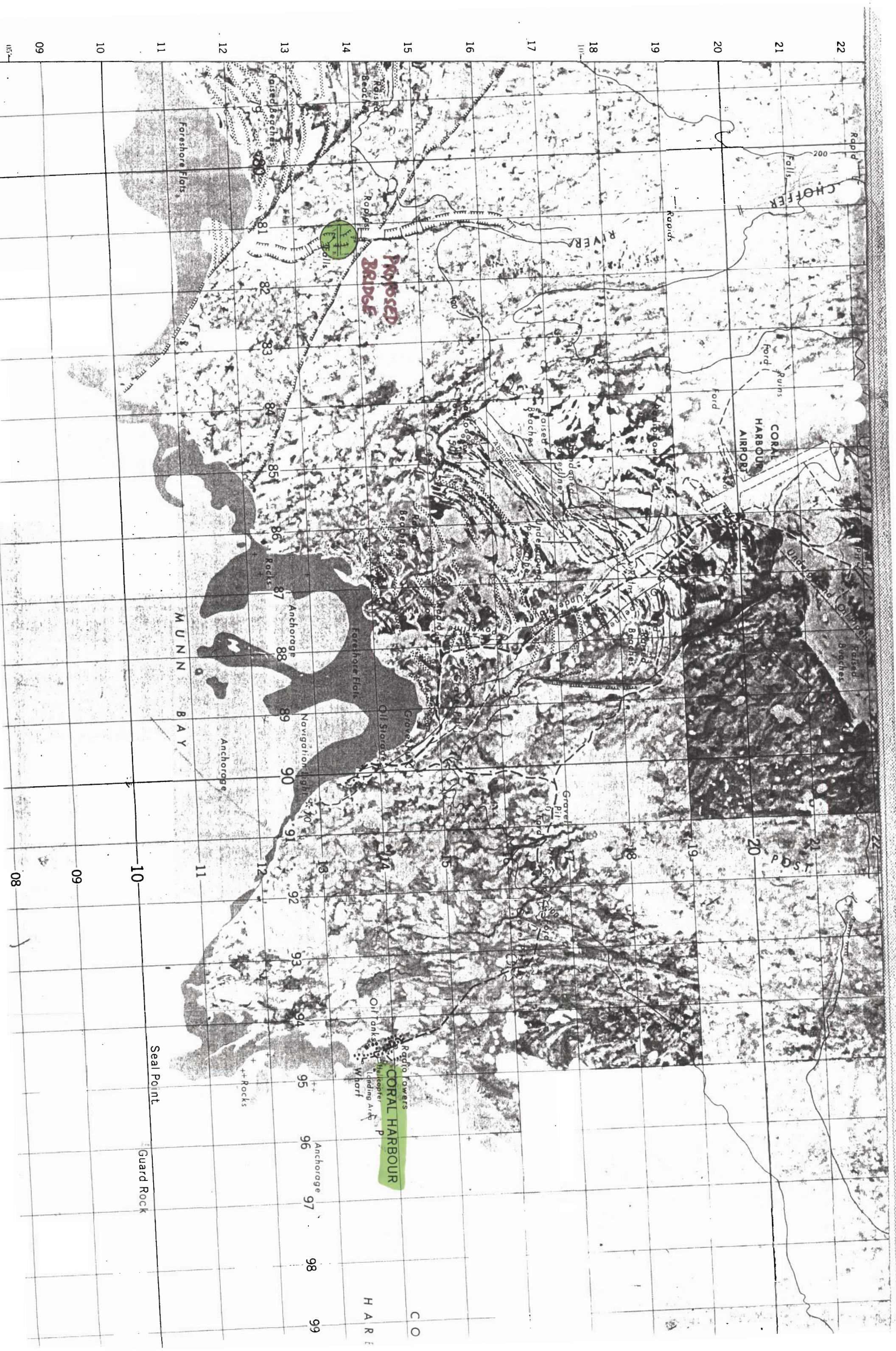
ELEVATION
1:300



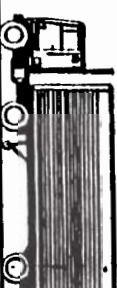
SIDE VIEW
1:75

SIDE VIEW
1:75

SIDE VIEW
1:75



Bridge Labeling - Cdn. S.S. 1478
NS 150-97



14' 0" GRV - 5' 0" Clear at 60 mph

Rev.	Date	Description	Drawn by



Overall Bridge Width
Kerchoffer River Bridge

General Layout

Preliminary Design

Drawn by JIVKOV
Designed by JIVKOV
Checked by
Approved by

Project No. 7-3030
Drawing No. 1

