



Transport
Canada

Transports
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COPY

Navigation Protection Program
95 Foundry Street, 6th Floor
Moncton, N.B. E1C 8K6

Your file Votre référence

Our file Notre référence
8200-10-1001

May 29, 2015

VIA COURIER

Fisheries and Oceans Canada - SCH
P.O. Box 5667
John Cabot Building 10 Barter's Hill,
St. John's, NL A1C 5X1

Attention: Paul Curran

RE: Notice to the Minister under the *Navigation Protection Act* for Approval of a Breakwater, located at approximately: 50° 43' 11.00" N, 057° 22' 01.00" W, on Back Arm, Port Aux Choix, in the Province of Newfoundland and Labrador

Enclosed please find the Approval for the above-noted work issued by the Minister of Transport in accordance with subsection **s.6(1) Construction** of the *Navigation Protection Act* (NPA).

Please note that the attached document relates only to the effect of your work on navigation under the NPA. It is the owner's responsibility to comply with any other applicable laws and regulations.

Should you have any questions, please do not hesitate to contact our office in Moncton by phone at (506) 851-3113, by fax at (506) 851-7542 or by e-mail at NPPATL-PPNATL@tc.gc.ca.

Respectfully,

Virginia Drew
Officer
Navigation Protection Program
Programs Group
Transport Canada
Atlantic Region

cc: **DFO CHS - Carrie Bryall**
PWGSC - Mark McNeil



NAVIGATION PROTECTION ACT
Section 6 (1) Construction

8200-10-1001

Approval

APPLICANT: Fisheries and Oceans Canada - SCH
4th Floor, John Cabot Building
10 Barter's Hill, P.O. Box 5667
St. John's, NL A1C 5X1

WORK: Breakwater

SITE LOCATION: Located at Approximately 50° 43' 11.00" N x 057° 22' 01.00" W,
Back Arm, Port Aux Choix, in the Province of Newfoundland and
Labrador.

Regarding the application (detailed above) to the Minister of Transport, submitted pursuant to the *Navigation Protection Act*, for an approval of the work per the attached plan last reviewed on May 26th, 2015, the Minister hereby approves the work pursuant to subsection **s.6(1) Construction** in accordance with the following terms and conditions:

1. The proponent must notify the Canadian Coast Guard Vessel Traffic Centre Noteship desk at (709) 695-2168 or notshippax@dfo-mpo.gc.ca at least 24 hours in advance of commencement and upon completion of the project or the discontinuance or re-establishment of any navigation aids.
2. Construction material and debris are not to become waterborne. During removal and construction activities all floating debris must be contained in the immediate area and removed from the water in a timely manner.
3. All dredge material not suitable for re-use is disposed of above the high-water mark, or at an approved waste disposal site.
4. If a debris containment device is placed in the water it must be marked at 40-meter intervals with 0.4 meter yellow cautionary buoys.
5. All vessels navigating the waterway must be allowed access through or around the work site at all time during construction and must be assisted as necessary.
6. Upon completion of construction a Port Hand (green) Navigation light is to be installed on the western end (near small boat basin) of the new breakwater wharf. This aid is to have the following characteristics: Flashing green 4S (0.5 second flash, 3.5 second eclipse) light installed on top of a 2.4m high cylindrical mast. This "Aid to Navigation" must conform with the Canadian Aids to Navigation System.
7. As the proposed work will be completely or partially submerged in a navigable water, you are required, once the construction of the work is completed, to provide a Statutory Declaration that the work was built and placed in conformity with the approved plan(s) and site pursuant to the *Navigation Protection Act*, its regulations and the terms and conditions in the Approval. Therefore, please complete and return the attached Statutory Declaration to the attention of the undersigned.
8. As-built plans must be submitted to the Navigation Protection Program within six (6) months after project completion and returned to the undersigned.

SIGNED on May 29, 2015 in, St. John's, NL

Virginia Drew
Officer
Navigation Protection Program
Programs Group
Transport Canada
Atlantic Region
for the Minister of Transport

STATUTORY DECLARATION

CANADA

IN THE MATTER OF a *Navigation Protection Act*
Approval of the work referred to below

PROVINCE OF _____

To Wit:

I _____, of Fisheries and Oceans Canada - SCH

of the County/District/City of _____,
in the Province of _____

SOLEMNLY DECLARE that the Breakwater, located at approximately 50° 43' 11.00" N x 057° 22' 01.00" W, Back Arm, Port Aux Choix, Northern Peninsula, Newfoundland and Labrador has been built or placed in accordance with the approved plan(s) and site pursuant to the *Navigation Protection Act*, its regulations and the terms and conditions in the Approval dated .

AND I MAKE THIS SOLEMN DECLARATION conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of applicant

DECLARED BEFORE ME _____,
at the County/District/City of _____,
in the Province of _____,
this ____ day of _____, 20__

A Commissioner, Notary Public, Justice of the Peace, etc

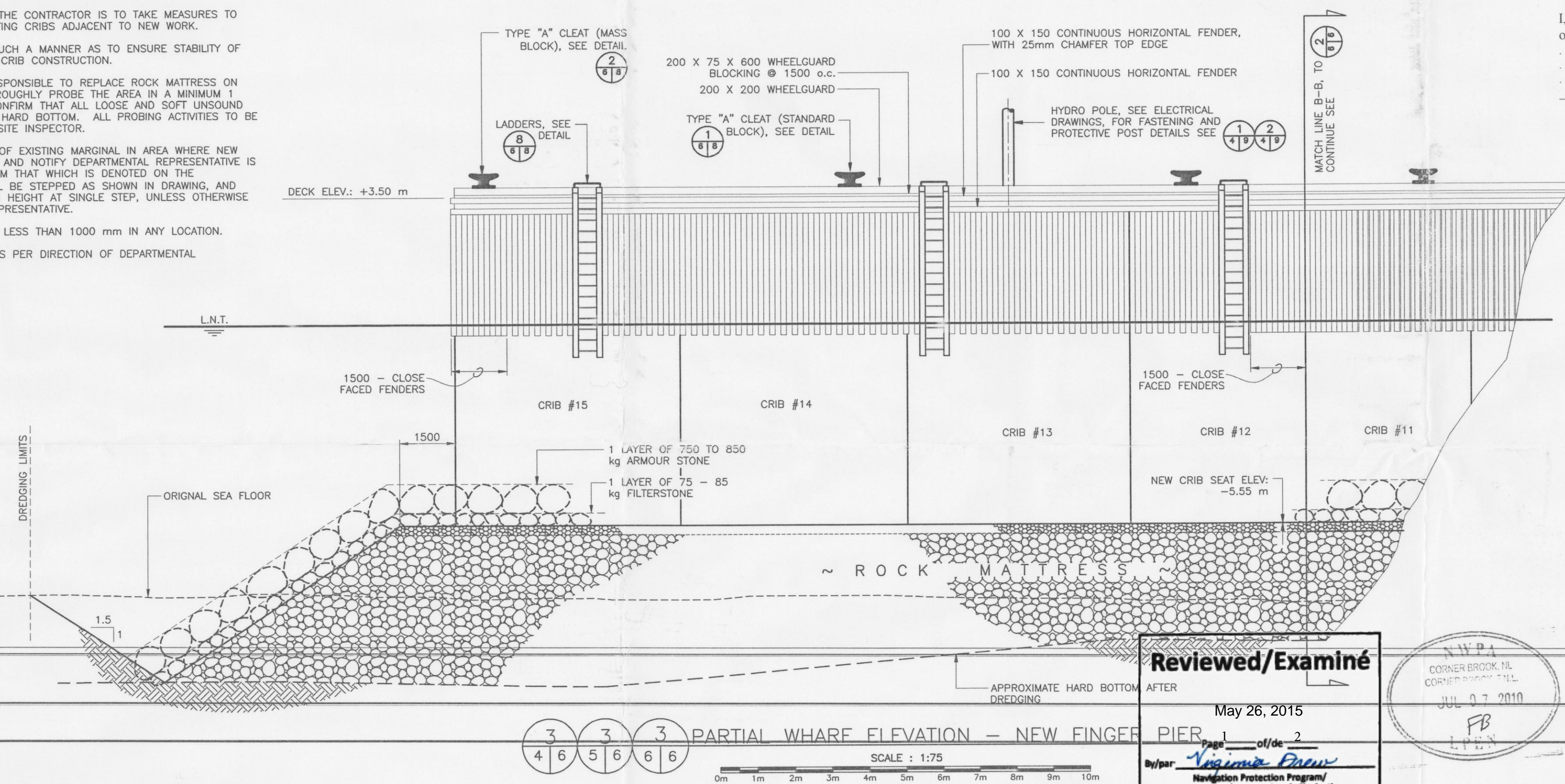
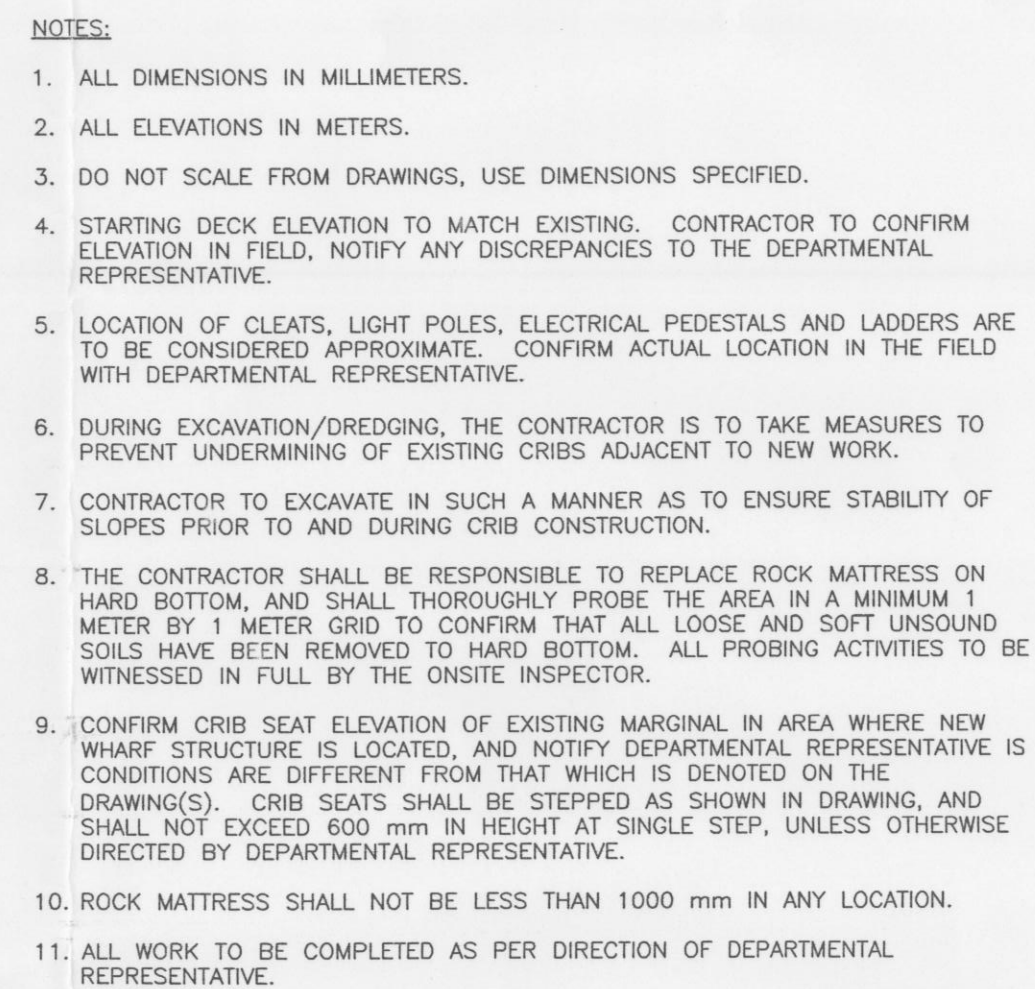
My commission expires on _____

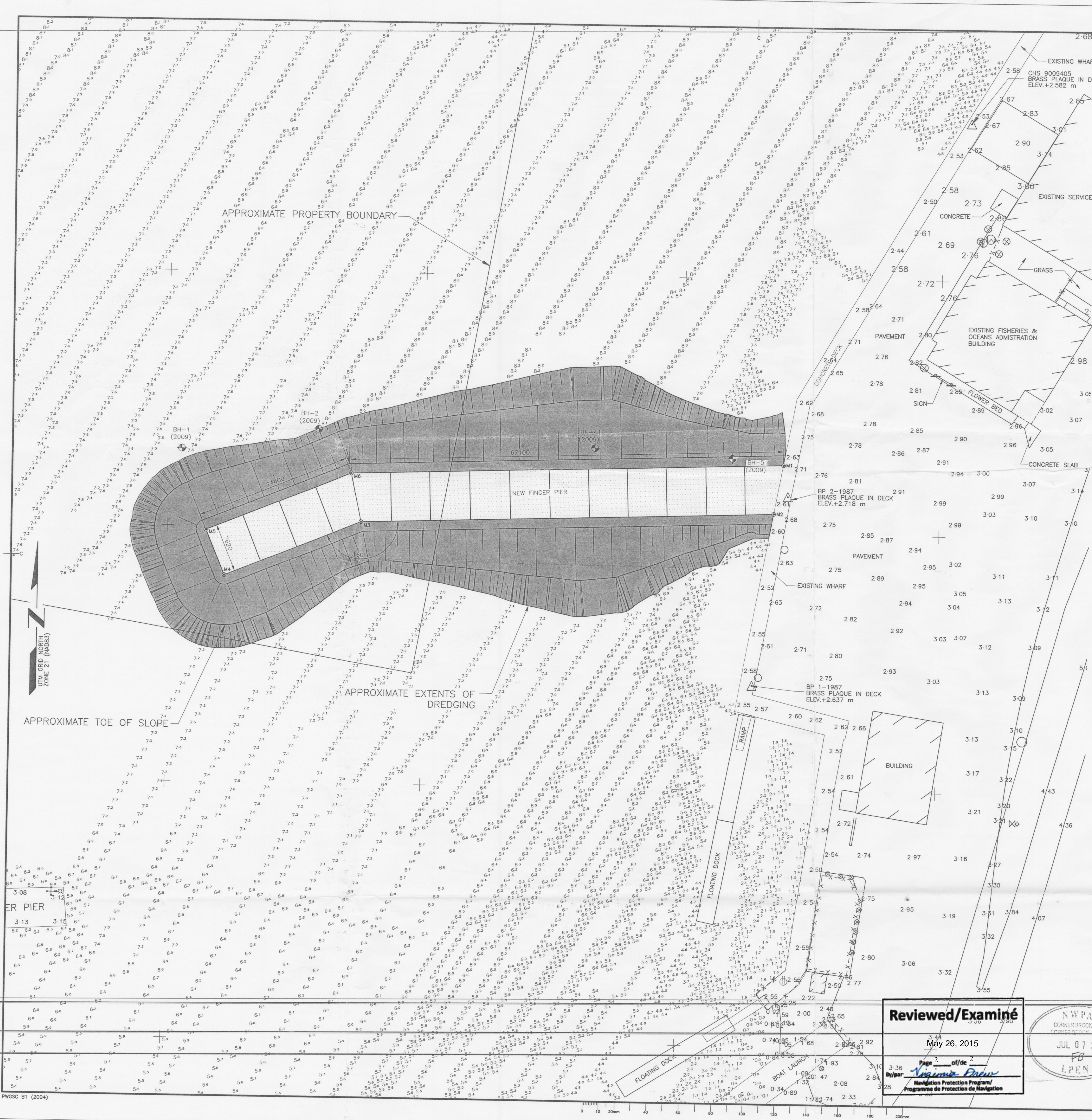
I, the undersigned, certify that the attached plans were on display from Feb 26/10 to Apr 12/10.

Signature Date Apr 15/10

NEW FINGER PIER
WHARF ELEVATIONS

designed	L. BENNETT	comp'd
date	FEBRUARY 2010	
drawn	C. HOBBS	designed
date	FEBRUARY 2010	
approved		approved
date		
Tender		Submission
IPWGC Project Manager Administrateur de projets IPWGC		
project number	no. du projet	
R.032512.001		
drawing no.		no. du dessin
C6 OF 10		





- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
 2. ALL ELEVATIONS ARE IN METERS.
 3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SHOWN.

- GENERAL LEGEND**
- BH1 APPROXIMATE BOREHOLE LOCATION
 - DENOTES APPROXIMATE LOCATION OF WATER LOT BOUNDARIES
 - 1 WHARF CONTROL POINT
 - DENOTES NEW WORK
 - NEW WHARF STRUCTURE

WHARF & DREDGING CONTROL
6° UNIVERSAL TRANSVERSE MERCATOR, ZONE 22 (NAD83)

EASTING (X)	NORTHING (Y)	DESCRIPTION
M1 475255.630	5617210.827	NEW FINGER PIER
M2 475254.218	5617203.154	NEW FINGER PIER
M3 475190.175	5617200.948	"
M4 475168.794	5617192.321	"
M5 475165.942	5617199.387	"
M6 475188.569	5617208.517	"

FOR MAIN SURVEY CONTROL, USE COORDINATE TABLE AS OUTLINED IN SURVEY NOTES, ON THIS DRAWING.

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL CHS 9009405
SURVEY DATE(S) JUNE 02-03, 2009

SONDER TYPE: SINGLE TRANSDUCER
SONDER SETTING: MIN/INST
DEPTH GATE USED: N/A
VELOCITY OF SOUND: 1415 m/s
FRE. OF TRANS: 210 KHZ

POSITIONING SYSTEM USED: DPGS (WITH OTF)
LAND SURVEY POSITION BY: DPGS (WITH OTF)

DATA TAPE/DISC(S) USED:
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME:

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING JUNE 2009

MODE OF PLOTTING: LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH:
REDUCTION OF MATRIX CELLS:

CONTROL POINTS:

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
6886-1982	475036.870	5618126.559	+2.582 m	CHS BRASS PLAUKE SET IN BEDROCK
9009405	475284.287	5617284.652	+2.582 m	CHS BRASS PLAUKE SET IN CONCRETE DECK
BP 1-1987	475251.189	5617176.379	+2.637 m	BRASS PLAUKE SET IN CONCRETE DECK
BP 2-1987	475256.393	5617205.903	+2.718 m	BRASS PLAUKE SET IN CONCRETE DECK
PWC 3-93	475332.445	5617345.125	+2.502 m	BOLT SET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL ELEVATIONS REFERRED TO CHS BM 1-1981 ELEV. +2.841 m (BRASS PLAUKE SET IN CONCRETE BOLLARD) OR CHS BM 2-1981 ELEV. +4.512 m (BRASS PLAUKE SET IN WALL).
NOTE: ALL POINTS SHOWN ON PLAN WAS LEVELLED FROM THESE BENCH MARKS.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SONDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JUNE 03, 2009 BY PWSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE UTM MAPPING PLANE, ZONE 22, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACK & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.02.12.

SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN PORT AU CHOIX FIELD BOOK #42.

- SURVEY LEGEND**
- SYMBOLS**
- ANCHOR BLOCK
 - BOLLARD
 - BOREHOLE
 - BOUNDARY MARKER
 - CARD POSITION BUOY
 - CATCH BASIN
 - CLEAT
 - CULVERT
 - DERRICK
 - DISPOSAL
 - DREDGE CONTROL
 - ELECTRICAL OUTLET
 - FIRE HYDRANT
 - FIRST AID
 - FISH HANDLING EQUIP.
 - FOG HORN
 - FUEL PUMP
 - H PILE
 - HORIZONTAL CONTROL
 - ICE PLANT
 - INVERT PIPE
 - JIB CRANE
 - LADDER
 - LIFE RING
 - LIGHT STANDARD
 - MANHOLE
 - MARSH
 - MAST/TOWER
 - NAVIGATION LIGHT
 - OBSERVED BUOY
 - OBSERVED SPAR BUOY
 - PIPE PILE
 - RANGE LIGHT
 - SAFETY POST
 - SEWER OUTFLOW PIPE
 - SIGN
 - TELEPHONE
 - TELEPHONE POLE
 - TIDE GAUGE/STAFF
 - TREE
 - UTILITY POLE
 - VERTICAL CONTROL
 - WATER TAP/OUTLET
 - WATER VALVE
 - WATER WELL
 - WOOD PILE
- LINE TYPE**
- ARMOUR STONE
 - CL RAILROAD
 - DRAIN PIPE
 - EDGE ROAD / SHOULDER
 - FENCE LINE
 - FLOATING WAVEBREAK
 - GUARD RAIL
 - HIGH WATER MARK
 - LOW WATER MARK
 - MARSH OUTLINE
 - PROPERTY BOUNDARY
 - RANGE LIGHT EXTENSION
 - RETAINING WALL
 - SEWER
 - TOE OF BANK
 - TREE LINE
 - UNDERGROUND CABLE

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
Rutter Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG, 100222
which is valid for the year 2010.

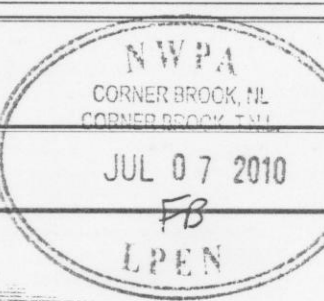
CERTIFICATION OF PLAN DEPOSITION

I, the undersigned, certify that the attached plans were on display from 02/06/10 to 04/12/10.

Signature: *C. Hobbs* Date: April 12/10

ISSUED FOR 66% REVIEW		10/02/10
revisions	date	
project		
project		
NEW WHARF CONSTRUCTION PORT AU CHOIX, NL		
drawing design		
designed L. BENNETT		
date FEBRUARY 2010		
drawn C. HOBBS		
date FEBRUARY 2010		
approved		
Tender		
Project Manager		
Administrateur de projets (PSC)		
project number		
no. du projet		
R.032512.001		
drawing no.		
no. du dessin		
C3 OF 10		

Reviewed/Examiné
May 26, 2015
Page 2 of 2
Signature: *Regina Dube*
Navigation Protection Program / Programme de Protection de Navigation



SCALE: 1:250
0m 5m 10m 15m 20m 25m