

Navigation Protection Program (NPP)
344 Edmonton Street
Winnipeg MB
R3C 0P6

Your file:
Our file: 2021-603772

Registry number: 4394

January 14, 2022

Fisheries and Oceans Canada-Small Craft Harbour
501 University Crescent
Winnipeg, MB R3T 2N6

Attention: Eleanor McEwan

RE: Approval under the *Canadian Navigable Waters Act (CNWA)*, for the construction, of the following work(s) below located in Arctic Bay, at approximately 73° 1' 58.78" N, 85° 9' 41.38" W, near Arctic Bay in the Nunavut Territory.

Approved work(s):

- **Harbour**
- **Breakwater**
- **Wharf**
- **Dredging**
- **Dock**
- **Mooring system**

Please find enclosed an approval for the above-noted work issued by the Minister of Transport under subsection 7(6) of the CNWA. This approval replaces any previous approvals that have been issued in relation to this work (if any) and will be the sole approval for this work until such time as a new approval is issued for any future changes.

In order to issue this approval, the Minister has considered each of the factors listed in subsection 7(7) of the Act, additional information provided by you (if applicable) and any adverse effects that the decision to approve the work may have on the rights of the Indigenous peoples of Canada recognized and affirmed by section 35 of the *Constitution Act, 1982*.

Please note that the CNWA, amongst other obligations, requires the owner to immediately notify the Minister if the work causes or is likely to cause serious and imminent danger to navigation, to take reasonable measures to mitigate potential dangers and to remedy any adverse effects that result from that danger to navigation.

This approval relates only to the interference of your work with navigation under the CNWA and does not grant any rights related to the ownership of the bed of the navigable water.

Please note that it is the owner's responsibility to comply with any other applicable laws and regulations.

Please contact our office in Prairie and Northern for any questions, by phone at 844-425-7787 or by e-mail at NPPNR-PPNRPN@tc.gc.ca.

Respectfully,



Dallas Babuik
NPP Officer
Programs Group
Transport Canada
Prairie and Northern Region

Attachment(s): Stamped Approval Documents

cc: Victoria Burdett-Coutts- Advisian
Canadian Hydrographic Survey (CHS-DFO)

Navigation Protection Program (NPP)
344 Edmonton Street
Winnipeg MB
R3C 0P6

Your file:
Our file: 2021-603772
Registry number: 4394

APPROVAL

OWNER: Fisheries and Oceans Canada- Small Craft Harbours
501 University Crescent
Winnipeg, MB R3T 2N6

SITE LOCATION: Located in Arctic Bay, at approximately 73° 1' 58.78" N, 85° 9' 41.38" W, Arctic Bay, in the Nunavut Territory.

WORK(S):

- Harbour
- Breakwater
- Docks
- Boat Launch
- Fixed Wharf

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the attached plan(s) #: 1004, 1006, 1010, AB-1 and/or described in the attached document(s), the Minister hereby approves the work pursuant to subsection 7(6) for the construction, of the above-mentioned work, in accordance with the following terms and conditions:

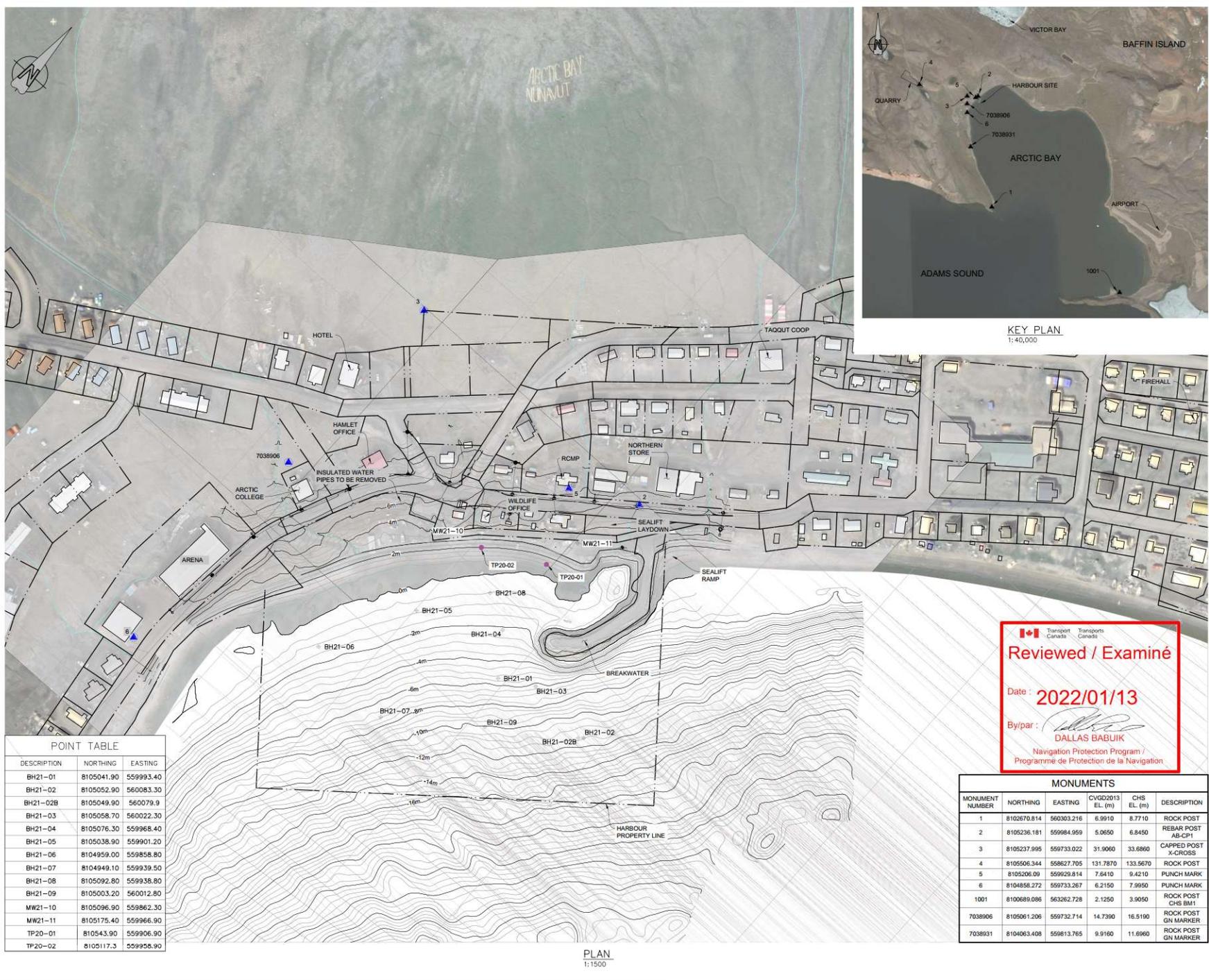
1. Signs stating Construction Ahead:
 - must be legible from a minimum distance of 100 metres
 - must be marked with retro-reflective material
 - must be visible from all points of marine approach
 - must display black lettering on a yellow or orange background
2. Cautionary buoy(s) (yellow) must be
 - marked with retro-reflective material
 - must be placed at the end of the work(s) that is farthest from the nearest bank or shore
3. Any portion of the work that is partially constructed shall be marked with cautionary buoy(s) and shall be maintained through all tidal ranges.
4. The perimeter of the work shall be marked with cautionary buoys spaced at 10 metre distances during open water conditions.
5. Safe navigational access shall be provided for all users to the shoreline and shelter area during construction.
6. All dredged material must be deposited above the high water mark or in accordance with the Environment and Climate Change Canada's Disposal at Sea permit PNR-00214-1.
7. Navigation aids and markings must be maintained in accordance with the attached Site Drawing- AB-1
8. As built drawings shall be submitted to Fisheries and Oceans Canada- Canadian Hydrographic Service within 1 year of completion of the project.
DFO.CHSOPADDataCentre-CentreDeDonneesCHSOPA.MPO@dfo-mpo.gc.ca
9. Any proposed changes shall be reviewed and accepted by the Navigation Protection Program prior to implementation of the same.

SIGNED ON January 14, 2022 at the NPP regional office of Prairie and Northern Region



Dallas Babuik
NPP Officer
Programs Group
Transport Canada
Prairie and Northern Region
For the Minister of Transport

Filename: I:\VIA\317071\00037_PWGS_ArcBoices\11_Drawing\15_Land_E\02_Marine\317071-00037-00-MA-DGA-1004.dwg - Layout1
 Last Saved: Sep. 02/21 12:14pm Plotter: Sep. 2/21



KEY PLAN
1:40,000

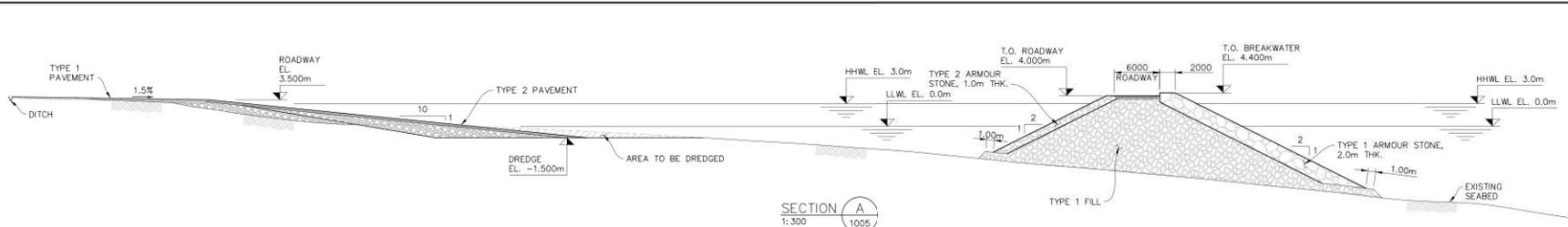
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BH21-02B	8105049.90	560079.9
BH21-03	8105058.70	560022.30
BH21-04	8105076.30	559968.40
BH21-05	8105038.90	559901.20
BH21-06	8104959.00	559858.80
BH21-07	8104949.10	559939.50
BH21-08	8105092.80	559938.80
BH21-09	8105003.20	560012.80
MW21-10	8105096.90	559862.30
MW21-11	8105175.40	559966.90
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PLAN
1:1500

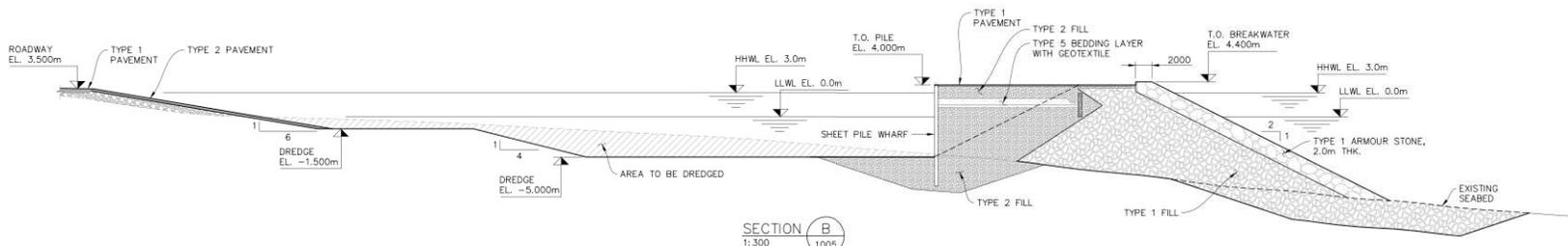
Reviewed / Examiné
 Date: 2022/01/13
 By/par: *Dallas Babuik*
 DALLAS BABUIK
 Navigation Protection Program /
 Programme de Protection de la Navigation

MONUMENTS					
MONUMENT NUMBER	NORTHING	EASTING	CVQD2013 EL. (m)	CHS EL. (m)	DESCRIPTION
1	8102870.814	560303.216	6.9910	8.7710	ROCK POST
2	8105236.181	559984.959	5.0650	6.8450	REBAR POST AB-CP1
3	8105237.995	559733.022	31.9060	33.8860	CAPPED POST X-CROSS
4	8105506.344	558627.705	131.7870	133.5670	ROCK POST
5	8105206.09	559929.814	7.6410	9.4210	PUNCH MARK
6	8104858.272	559733.267	6.2150	7.9950	PUNCH MARK
1001	8100689.086	563262.728	2.1250	3.9050	ROCK POST CHS BM1
7038906	8105061.206	559732.714	14.7390	16.5190	ROCK POST GN MARKER
7038931	8104063.408	559813.765	9.9160	11.6960	ROCK POST GN MARKER

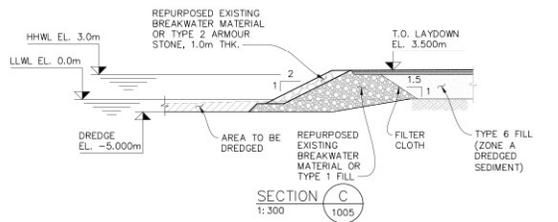
Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada
 REAL PROPERTY SERVICES / SERVICES IMMOBILIERS / Région de l'Ouest
 Advisian / 317071-00037
 PRELIMINARY NOT FOR CONSTRUCTION
 LEGEND:
 MONUMENT, POWER POLE, CULVERT, BOREHOLES, TEST PITS
 NOTES:
 1. ALL ELEVATIONS ARE REFERENCED TO HYDROGRAPHIC TIDE AND CHART (CHS) DATUM.
 Scale: 1:1500, 1:40000
 A REVIEWED FOR 60% DESIGN REVIEW 2021/09/02
 ISSUED FOR 60% DESIGN REVIEW 2021/09/02
 FISHERIES AND OCEANS CANADA SMALL CRAFT HARBOURS
 501 UNIVERSITY CRESCENT WINNIPEG, MANITOBA, R3T 2N6
 ARCTIC BAY, NUNAVUT
 ARCTIC BAY HARBOUR DEVELOPMENT
 DESIGNED BY: PAIGE CROMPTON
 DRAWN BY: JENNIFER COPPENDALE
 APPROVED BY: HARALD KULLMANN
 PROJECT MANAGER: KENTON THIESSEN
 317071-00037 1004 OF A



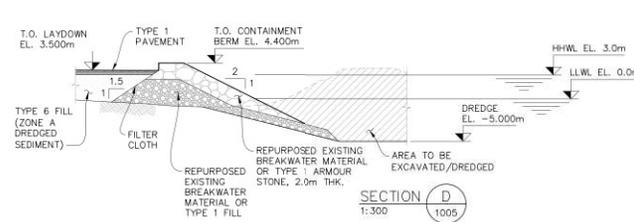
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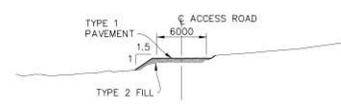
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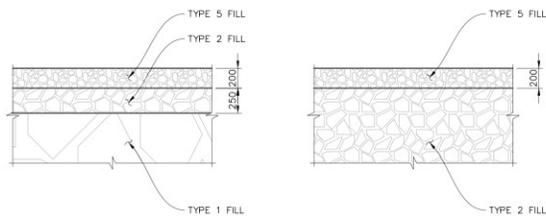
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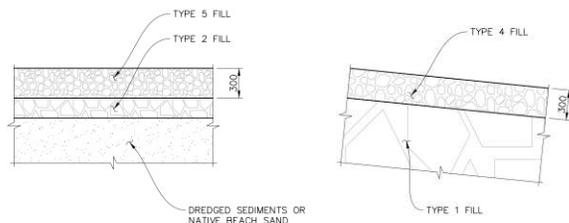
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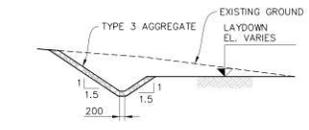
SECTION E
1:300



TYPE 1 PAVEMENT
1:25



TYPE 2 PAVEMENT
1:25



TYPICAL DITCH CROSS SECTION
1:100

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

REAL PROPERTY SERVICES / SERVICES IMMOBILIERS / Région de l'Ouest

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PRELIMINARY NOT FOR CONSTRUCTION

Transport Canada / Transport Canada

Reviewed / Examined

Date: **2022/01/13**

By/par: *[Signature]*
DALLAS BABUIK
Navigation Protection Program / Programme de Protection de la Navigation

NOTES:
1. ALL ELEVATIONS ARE REFERENCED TO HYDROGRAPHIC TIDE AND CHART (CHS) DATUM.

m0 10 20 30 40 50m
1:1000

Revision	Description	Date
A	ISSUED FOR A/E DESIGN REVIEW	2021/09/02

**FISHERIES AND OCEANS CANADA
SMALL CRAFT HARBOURS**
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, R3T 2N6

Project title: **ARCTIC BAY, NUNAVUT**

ARCTIC BAY HARBOUR DEVELOPMENT

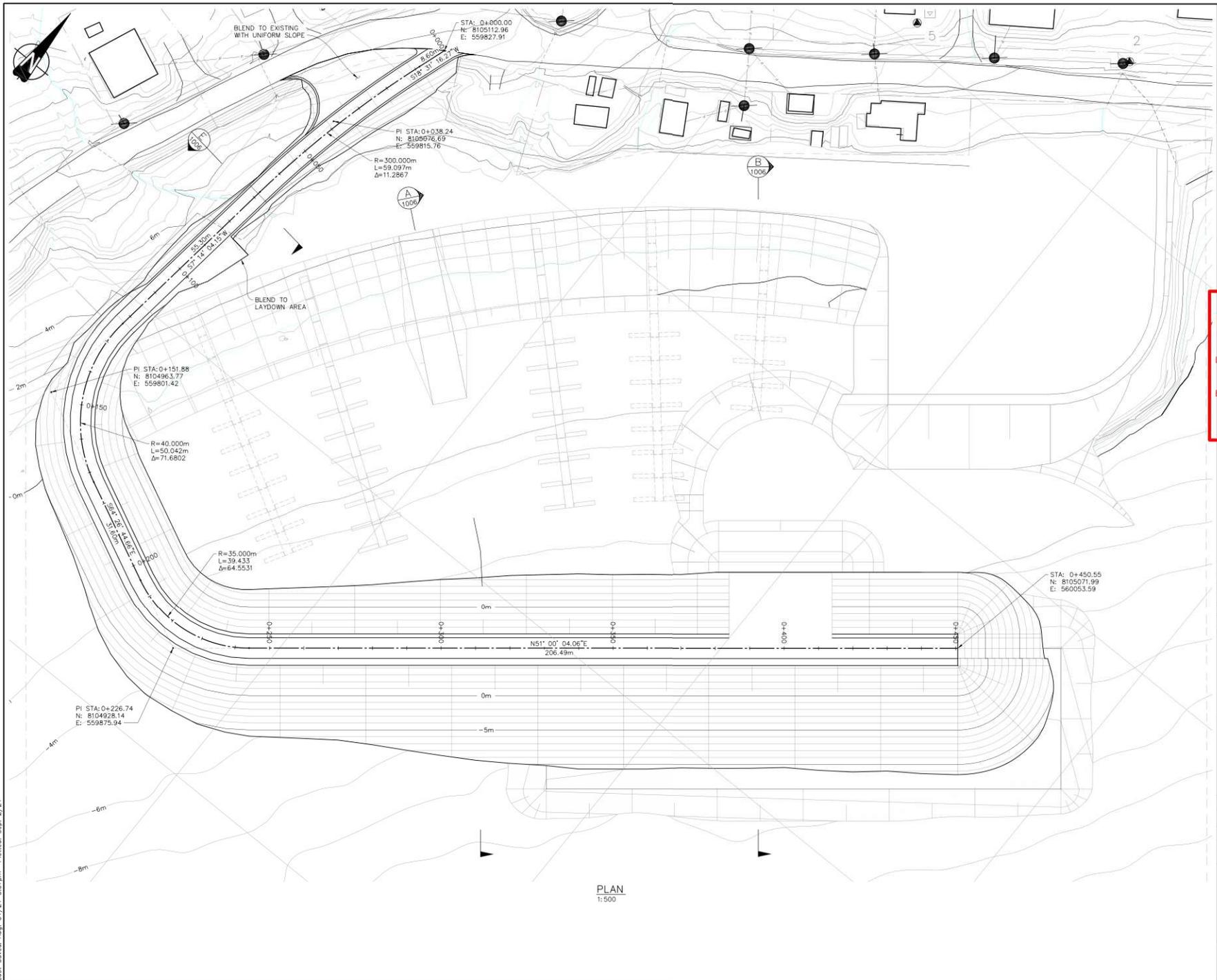
Designed by: **PAIGE CROMPTON**
Drawn by: **BRIAN MARSULLO**
Approved by: **HARALD KULLMANN**
PKDC Project Manager: **KENTON THIESSEN**

TYPICAL SECTIONS

Project no./No. du projet	Drawing no./No. de dessin	Revision no.
317071-00037	1006	A

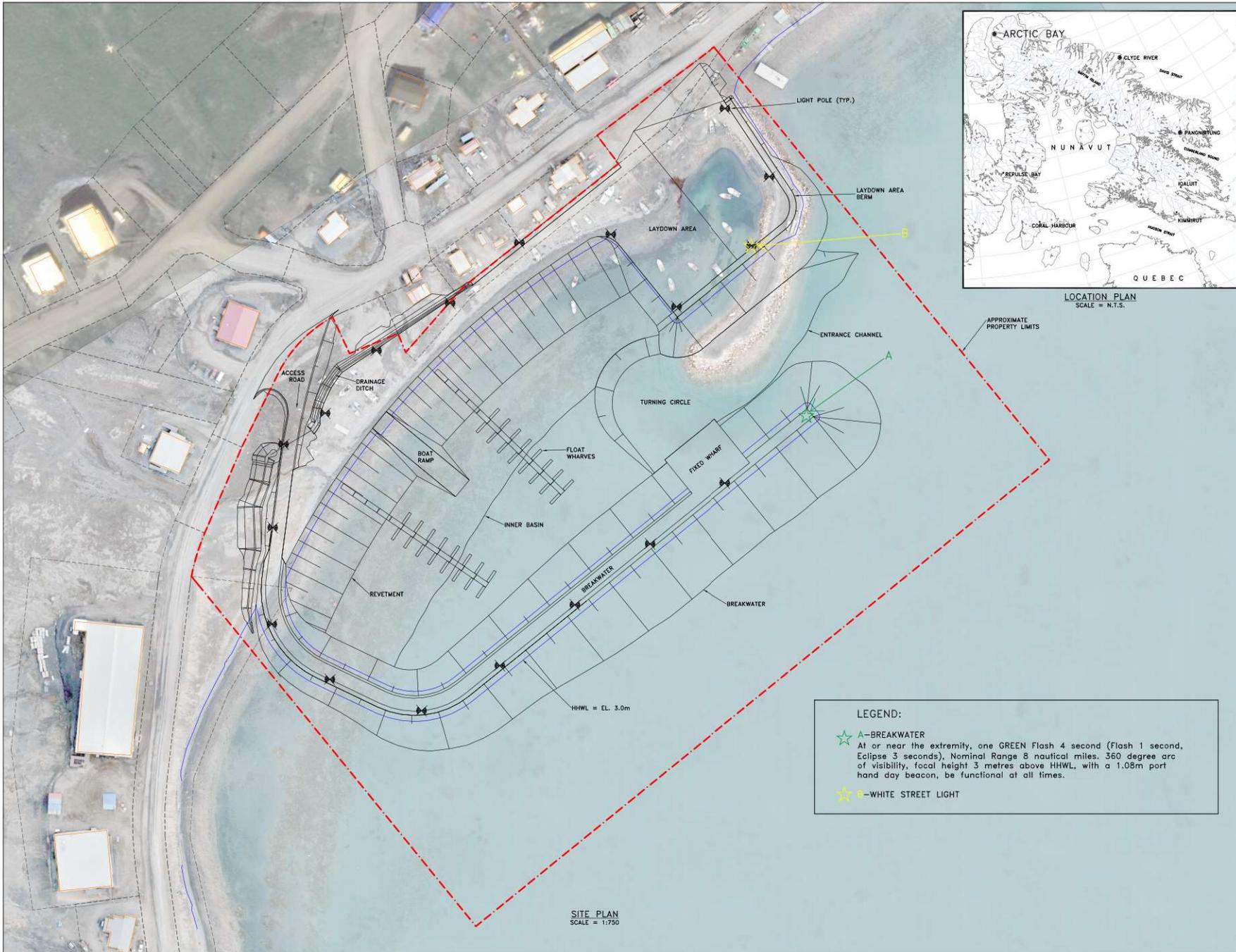
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 Last Saved: Aug. 31, 2021, 8:57pm. Plotted: Sep. 2, 2021



PLAN
1:500

REAL PROPERTY SERVICES SERVICES IMMOBILIERS Région de l'ouest										
THIS DRAWING IS PREPARED FOR THE USE OF THE CONTRACTOR. CUSTOMER OF SERVICE CANADA SERVICES LTD. AND SERVICE CANADA SERVICES LTD. ASSUMES NO LIABILITY TO ANY OTHER PARTY FOR ANY DIMENSIONS CONTAINED IN THIS DRAWING.										
PRELIMINARY NOT FOR CONSTRUCTION										
Reviewed / Examiné Date: 2022/01/13 By/par: <i>[Signature]</i> DALLAS BABUIK Navigation Protection Program / Programme de Protection de la Navigation										
NOTES: 1. ALL ELEVATIONS ARE REFERENCED TO HYDROGRAPHIC TIDE AND CHART (CHS) DATUM.										
1:500										
<table border="1"> <thead> <tr> <th>A</th> <th>ISSUED FOR 60% DESIGN REVIEW</th> <th>2021/09/02</th> </tr> </thead> <tbody> <tr> <td>Revision</td> <td>Description</td> <td>Date</td> </tr> <tr> <td>Client</td> <td></td> <td>Client</td> </tr> </tbody> </table>		A	ISSUED FOR 60% DESIGN REVIEW	2021/09/02	Revision	Description	Date	Client		Client
A	ISSUED FOR 60% DESIGN REVIEW	2021/09/02								
Revision	Description	Date								
Client		Client								
FISHERIES AND OCEANS CANADA SMALL CRAFT HARBOURS 501 UNIVERSITY CRESCENT WINNIPEG, MANITOBA, R3T 2N6										
Project Site: ARCTIC BAY, NUUNAVUT										
ARCTIC BAY HARBOUR DEVELOPMENT										
Designed by: PAIGE CROMPTON										
Drawn by: BRIAN MASSILLIO										
Approved by: HARALD KULLMANN										
PWGS Project Manager: KENTON THIESSEN										
Drawing Site: ACCESS ROAD AND BREAKWATER LAYOUT										
Project no./No. du projet: 317071-00037	Drawing no./No. du dessin: 1010	Revision no.: A								



SMALL CRAFT HARBOURS
ONTARIO AND PRAIRIE REGION



- NOTES:
1. UNITS ARE IN METRES UNLESS OTHERWISE STATED
 2. ALL ELEVATIONS ARE REFERENCED TO HYDROGRAPHIC TIDE AND CHART DATUM


 Reviewed / Examiné
 Date: 2022/01/13
 By:par: 
 DALLAS BABUIK
 Navigation Protection Program /
 Programme de Protection de la Navigation

REVISIONS:	DATE:
0	ISSUED FOR REVIEW
	JAN. 12, 2022

SCALE: AS SHOWN CLASS:

PROJECT: ARCTIC BAY HARBOUR CONSTRUCTION

DESCRIPTION: GENERAL ARRANGEMENT

DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
JANUARY 2022	JANUARY 2022

LOCATION: ARCTIC BAY, NUNAVUT

DRAWING NO.:	LOCATOR CODE:
AB-1 OF 1	5996

SITE PLAN
SCALE = 1:750

LOCATION PLAN
SCALE = N.T.S.