

Appendix "B" - Navigation Act Approval



Transport
Canada

Transports
Canada

NAVIGATION PROTECTION ACT
Section 6 (1)

2009-200035 (8200-03-2000)

Approval

APPLICANT: Fisheries and Oceans Canada, Small Craft Harbours
Maritimes and Gulf Region
343 Universite Avenue, PO Box 5030
Moncton, NB E1C 9B6

WORK: Dock, Groyne, General, Breakwater

SITE LOCATION: Located at Approximately 44° 05' 07.10" N; 066° 12' 22.45" W,
Cape St-Mary's Harbour, Cape Cove, Digby County, in the Province of
Nova Scotia.

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

1. The construction of the proposed alteration is finished within three years of the approval date.
2. see Annex.

SIGNED in two copies on November 25, 2015 in, Moncton NB

Denis Thibodeau
Navigation Protection Program
Programs Group
Transport Canada
Atlantic Region
for the Minister of Transport

Conditions Annex

Cape St. Mary's, NS

File # 8200-03-2000

1. The project is to be constructed in accordance with the approved plans.
 2. Any rocks or debris in the vicinity of the proposed breakwater construction resulting from any construction activity are to be cleared to ensure safe navigation for vessels the immediate area.
 3. During construction any vessels or barges utilized must be marked in accordance with the provisions of the Canada Shipping Act Collision Regulations.
 4. Any cables, equipment or temporary hazards resulting from the construction activities are to be marked so as to be clearly visible to vessels operating in the area.
 5. Construction material and debris are not allowed to become waterborne.
 6. Vessels shall be allowed safe access through the work site at all times, and shall be assisted as necessary.
 7. During construction, each breakwater shall be marked with a temporary 0.6m yellow cautionary buoy (NPA Approved equivalent) equipped with a yellow flashing light (FIY 4s) shall be placed 20m seaward of construction activity and continually moved seaward as construction advances.
 8. A "Notice to Shipping" is to be requested ten (10) days prior to the commencement of any work and again upon completion of the work to alert vessel operators in the area of the construction activity. Contact the Canadian Coast Guard's Marine Communications & Traffic Services (MCTS) Centre, Sydney, NS by telephone at (902)-564-7751 or toll free at 1-800-686-8676 to arrange this.
 9. Prior to construction, the existing green navigation light located on Cape St. Mary's South Breakwater (LL# 243) is to be removed and a temporary Discontinuance Notice issued by Canadian Coast Guard's, Marine Communication and Traffic Services (MCTS) Center, Sydney, NS at (902)-564-7751 or toll free at 1-800-686-8676 . Please contact the Supervisor, Operations for Aids to Navigation, Canadian Coast Guard, Department of Fisheries and Oceans, Atlantic Region (902) 566-7936 to coordinate the removal of the Coast Guard owned navigation light (LL#243).
-

10. Once construction is complete, the existing green navigation light located on the Cape St. Mary's South breakwater [List of Lights #243 (H3846) having the same characteristics as indicated in the List of Lights publication] is to be relocated to the East end of the new addition at the closest approach to the new North breakwater. Additionally, port hand day beacons are to be installed on three (3) seaward sides of the light support directly below the light.
 11. Once construction is complete, the Cape St. Mary's new North breakwater is to be marked with a red navigation light, [characteristics: 2 nautical mile, (FIR 1s flash, 3s eclipse) and is to be established at the Southeast end of the new breakwater at the closest approach to the new extension of the South breakwater. Additionally, a Starboard hand day beacon is to be installed facing in the Southeast direction on the light support directly below the light.
 12. 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 *Navigable Waters 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.
-

- LEGEND:**
- 100 SERIES - CHANNELS
 - 200 SERIES - BASINS
 - 300 SERIES - BREAKWATERS
 - 400 SERIES - WHARVES (NOT FLOATING)
 - 500 SERIES - SHOPS, PRODUCE FACTORIES/SKIDWAYS
 - 600 SERIES - NOT USED IN CALL/MARITIMES
 - 700 SERIES - FLOATING WHARVES
 - 800 SERIES - ONSHORE SERVICE AREAS
 - 901 TO 919 - DUNSHIRE SERVICE AREAS
 - 920 TO 939 - MARSH
 - 940 TO 945 - PAVING LOTS
 - 946 TO 950 - ROADS
 - 951 TO 959 - ELECTRICAL SYSTEMS
 - 960 TO 969 - SANITARY SYSTEMS
 - 970 TO 979 - HIGH WATER MARK
 - 980 TO 989 - PROPERTY LINE
 - 990 TO 999 - BRIDGE AREA
- EXISTING PRIOR TO MARCH 12, 2009

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Project: N.P.P. DFO - SCH

Location: CAPE ST. MARYS (1046) DIGBY COUNTY, NS

EXISTING SITE PLAN

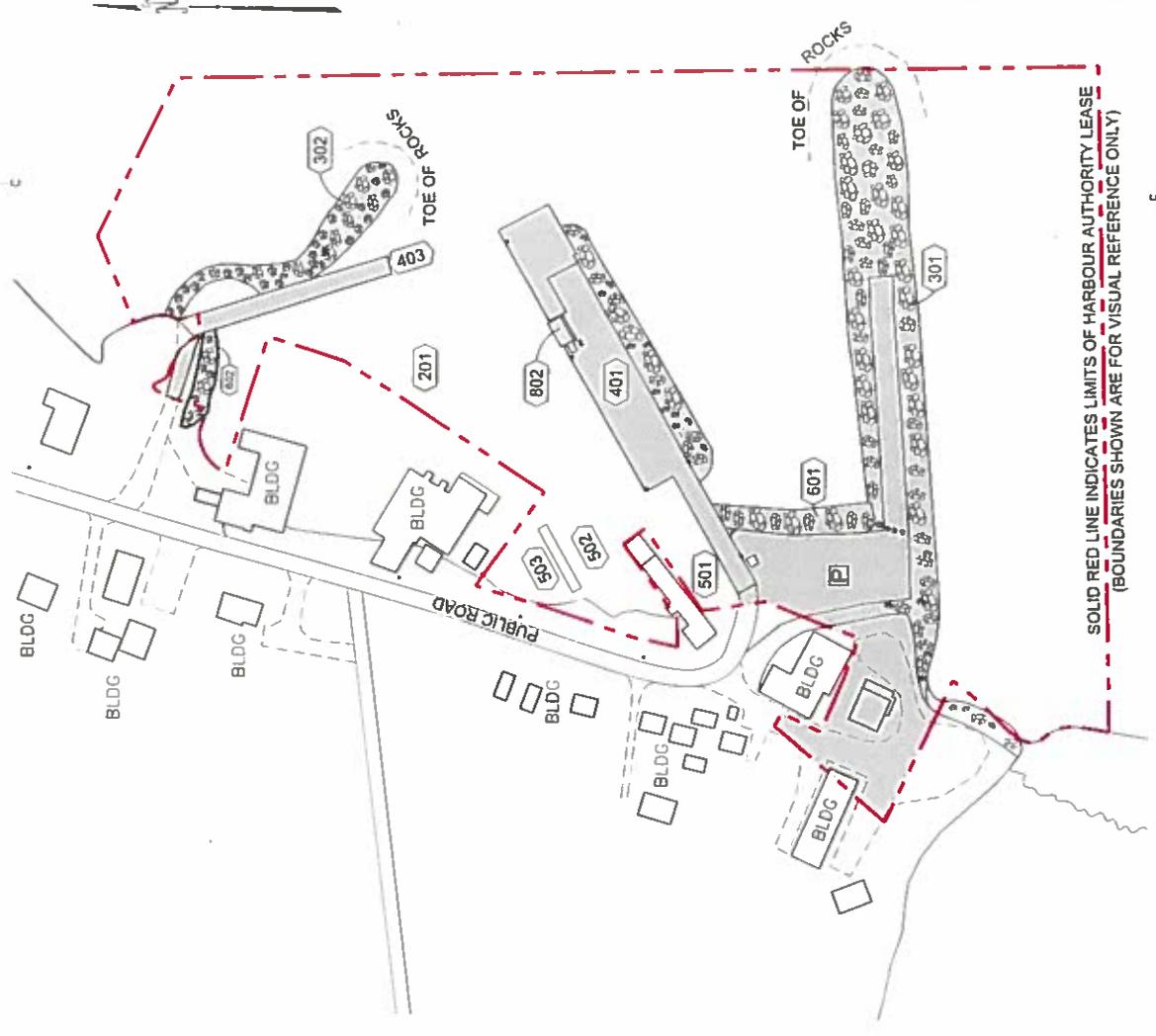
Reviewed / Examiné

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By/par: Denis Thibodeau

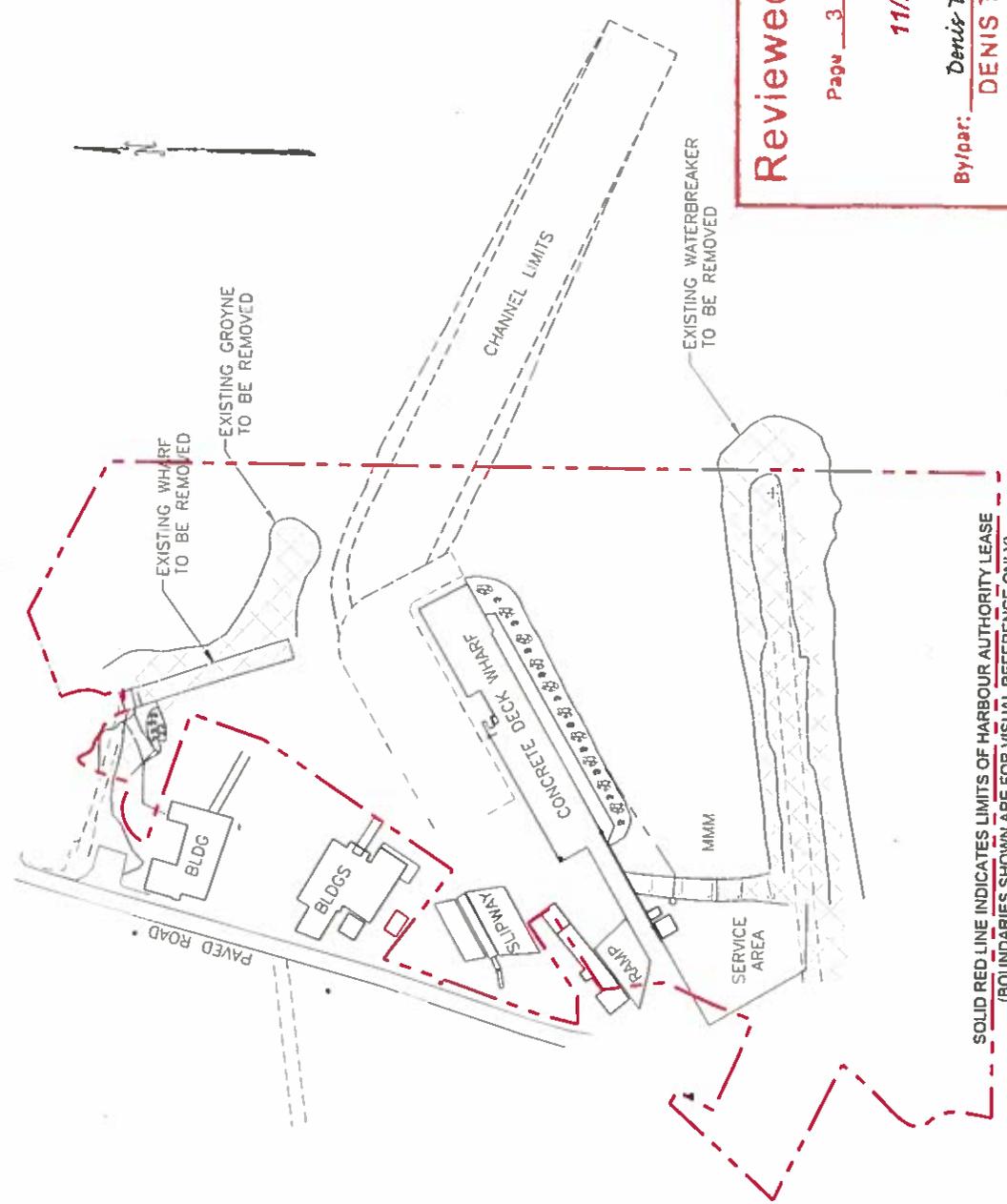
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Programme de protection de la navigation



- LEGEND:**
- 100 SERIES - CHANNELS
 - 200 SERIES - BASINS
 - 300 SERIES - BREAKWATERS
 - 400 SERIES - WHARVES (NOT FLOATING)
 - 500 SERIES - LAUNCHING FACILITIES/SKOWAYS
 - 600 SERIES - PROTECTIVE STRUCTURES
 - 700 SERIES - MOORING WHARVES / MARINNES
 - 800 SERIES - FLOATING WHARVES
 - 901 TO 919 - CRUSHORE SERVICE AREAS
 - 920 TO 929 - PARKING LOTS
 - 930 TO 939 - HIGHWAYS
 - 940 TO 949 - ELECTRICAL SYSTEMS
 - 948 TO 950 - SANITARY SYSTEMS
 - 951 TO 959 - HIGH WATER MARK
 - 960 TO 969 - PROPERTY LINE
 - 970 TO 979 - DREDGE AREA
- EXISTING PRIOR TO MARCH 12, 2009

N.P.P.
DFO - SCH
CAPE ST. MARYS (1046)
DIGBY COUNTY, NS

SITE PLAN
REMOVAL



Reviewed / Examiné

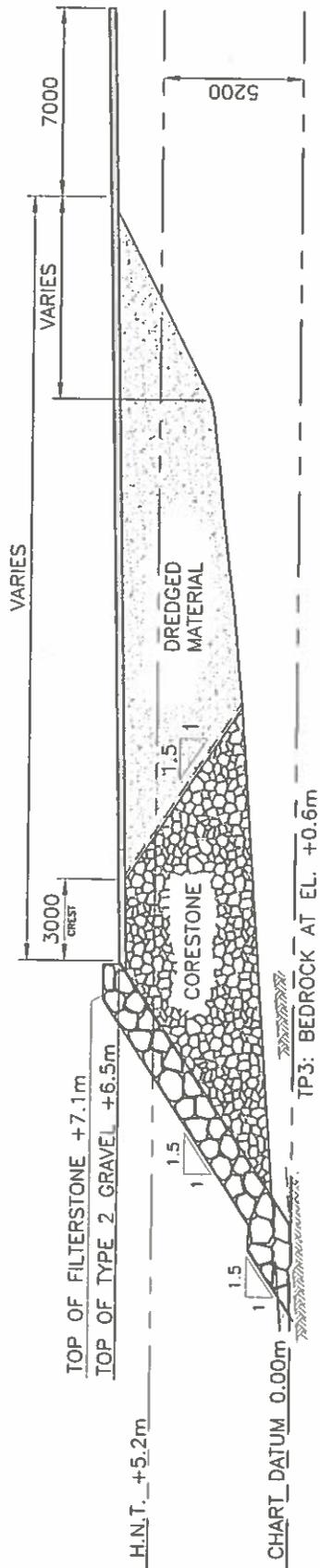
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SOLID RED LINE INDICATES LIMITS OF HARBOUR AUTHORITY LEASE
(BOUNDARIES SHOWN ARE FOR VISUAL REFERENCE ONLY)

NEW SERVICE AREA EXISTING SERVICE AREA



SECTION A

SCALE: 1:250



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designed / conçu date

drawn / dessiné date
TM / June, 2015

approved / approuvé date

drawing no. / no. du dessin
4

Drawing title

SECTION A
SERVICE AREA

project

N.P.P.
DFO - SCH

CAPE ST. MARYS (1046)
DIGBY COUNTY, NS

project

Public Works and
Government Services
Canada

Submission

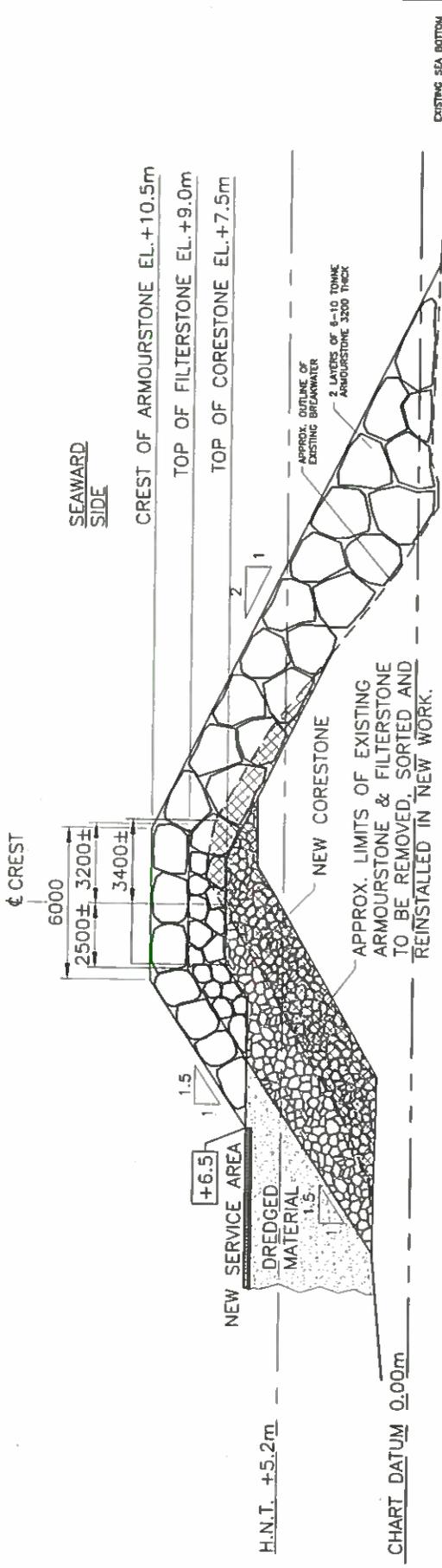
Tender

Administrateur de projets TPSGC

PWGSC Project Manager

PWGSC L1 (2004)

E-DRM/GDD-E



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SECTION B

SCALE: 1:250



Public Works and Government Services Canada Travaux publics et Services gouvernementaux Canada	project N.P.P. DFO - SCH	Drawing title SECTION B SERVICE AREA	title du dessin conçu date
	project CAPE ST. MARYS (1046) DIGBY COUNTY, NS	project number no. du projet	drawn TM approved date June, 2015
TENDER PWGSC Project Manager PWGSC L1 (2004)	project CAPE ST. MARYS (1046) DIGBY COUNTY, NS	project number no. du projet	drawing no. 5

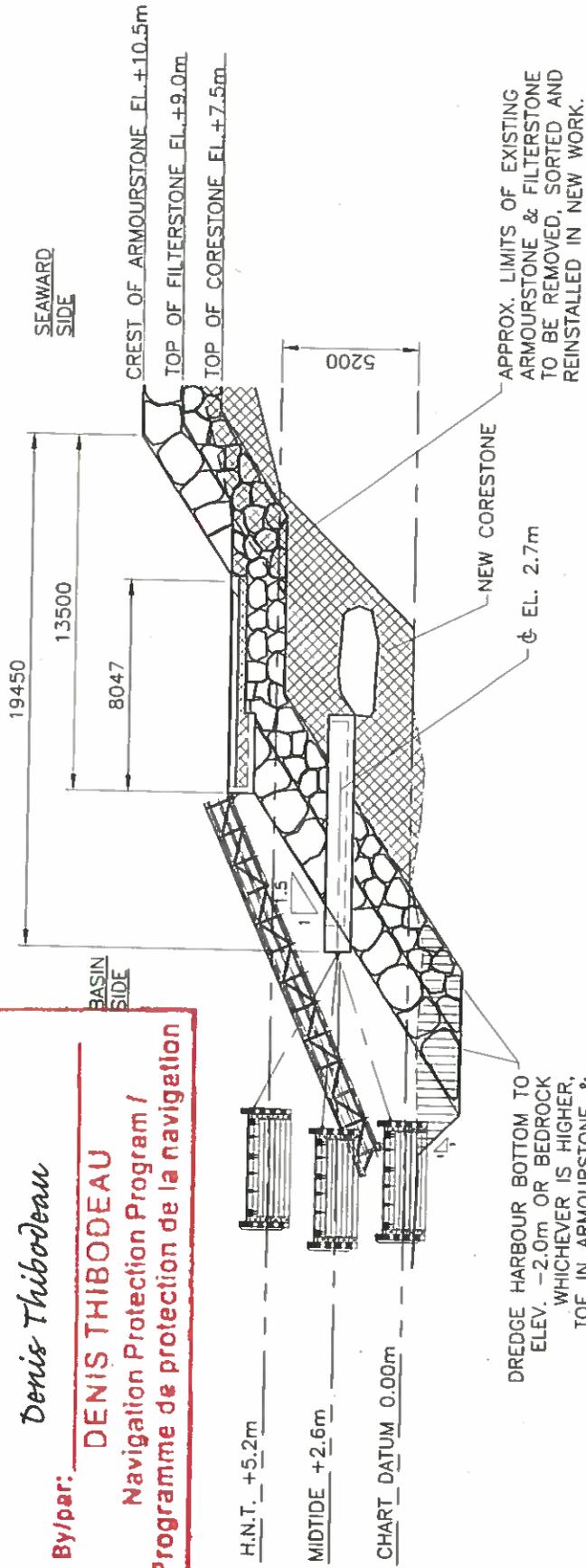
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By/par: **DENIS THIBODEAU**
 Navigation Protection Program /
 Programme de protection de la navigation



SECTION C

SCALE: 1:250



 Public Works and Government Services Canada	Project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	Titre du dessin SECTION C		designed TM	conçu TM	date June, 2015
		Drawing title SECTION C		approved TM	dessiné TM	date June, 2015
Tender PWGSC Project Manager PWGSC L1 (2004)	project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	project number no. du projet	drawing no. no. du dessin	6		

E-DRM/GDD-E

Reviewed / Examiné

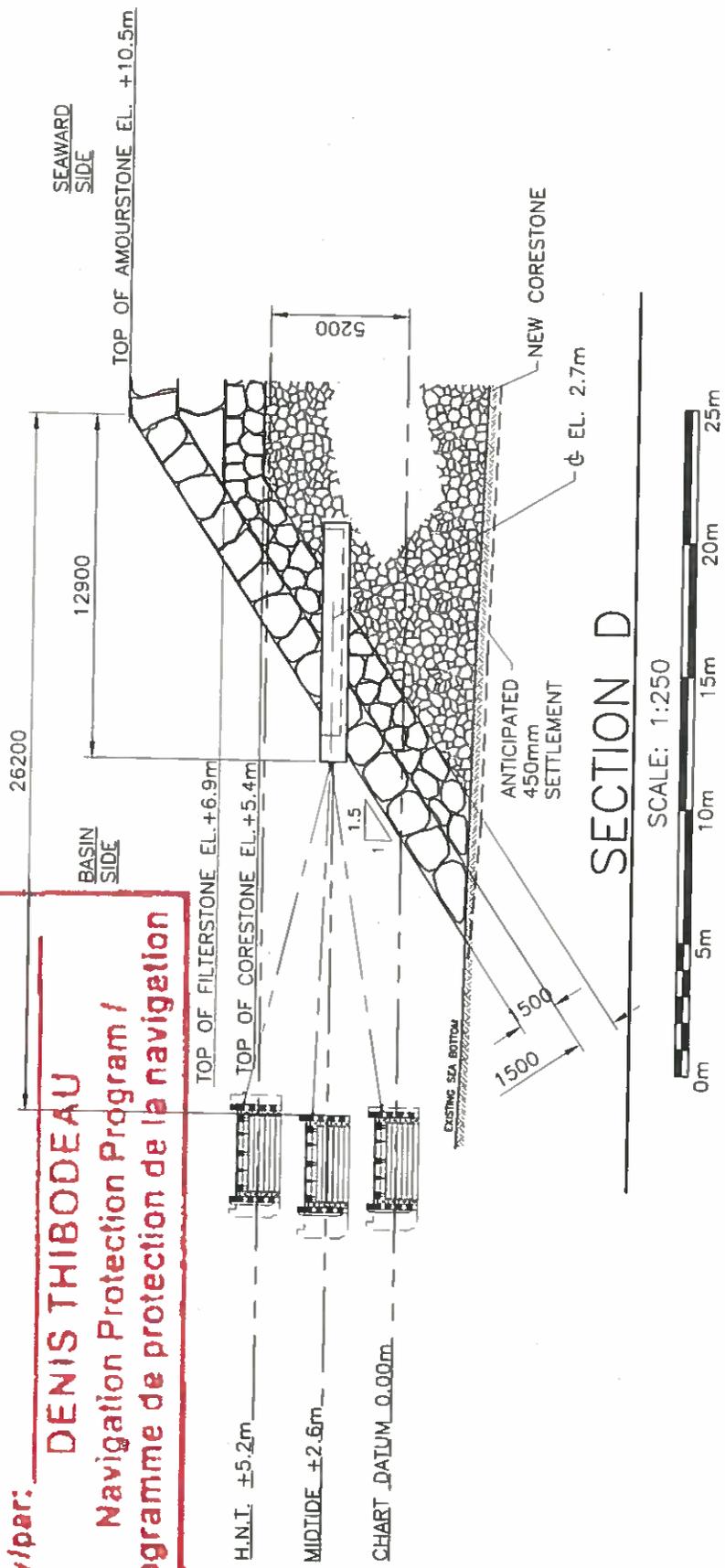
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11/25/2015

Denis Thibodeau

By/par:

DENIS THIBODEAU
Navigation Protection Program /
Programme de protection de la navigation



SECTION D

SCALE: 1:250



 Public Works and Government Services Canada Travaux publics et Services gouvernementaux Canada Tender: Soumission	project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	Drawing title SECTION D		project number
		project 	designed 	conceived
PWGSC Project Manager PWGSC L1 (2004)	Administrateur de projets TPSGC	drawing no. 7	approved 	no. du dessin

Reviewed / Examiné

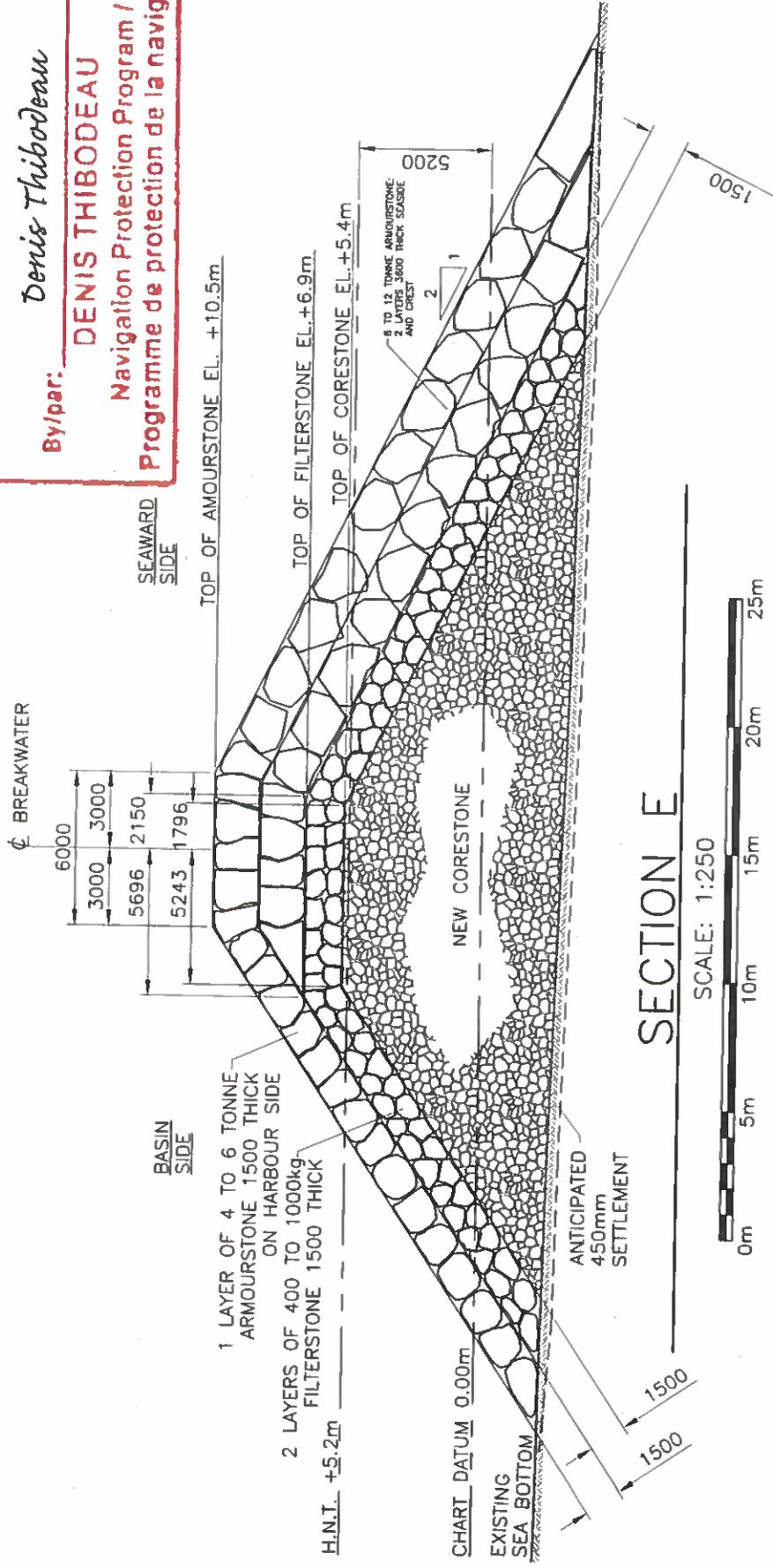
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11/25/2015

By/par: Denis Thibodeau

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Programme de protection de la navigation**



SECTION E

 Public Works and Government Services Canada Soumission	project N.P.P. DFO - SCH	Drawing title SECTION E	Titre du dessin SECTION E	designed drawn TM	conçu dessiné date June, 2015
	project CAPE ST. MARYS (1046) DIGBY COUNTY, NS	project number 8	no. du projet 8	no. du dessin 8	approved approved date

PWGSC Project Manager
PWGSC L1 (2004)

Administrateur de projets TPSGC

E-DRM/GDD-E

Reviewed / Examiné

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11/25/2015

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By/par:

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BASIN
SIDE

SEAWARD
SIDE

CREST OF ARMOURSTONE EL.+9.5m

TOP OF FILTERSTONE EL.+6.3m

TOP OF CORESTONE EL.+4.8m

5200

5000

4250

3850

Ø OUTER END CONE

2 LAYERS OF 6 TO 10 TONNE
 ARMOURSTONE 3200 THICK ON
 BOTH SIDES AND CREST (OUTER
 END ONLY)

H.N.T. +5.2m

2 LAYERS
 OF 400 TO 1000kg
 FILTERSTONE 1500 THICK

CHART DATUM
 0.00m

NEW CORESTONE

ANTICIPATED
 450mm
 SETTLEMENT

EXISTING
 SEA BOTTOM

SECTION F

SCALE: 1:250



Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada
	Soumission
Tender	
PWGSC Project Manager Administrateur de projets TPSGC	
PWGSC L1 (2004)	

project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS		Drawing title SECTION F	
project number 9		Titre du dessin SECTION F	
no. du projet 9		no. du dessin 9	
approved date June, 2015		conçu date June, 2015	
drawn TM		dessiné TM	

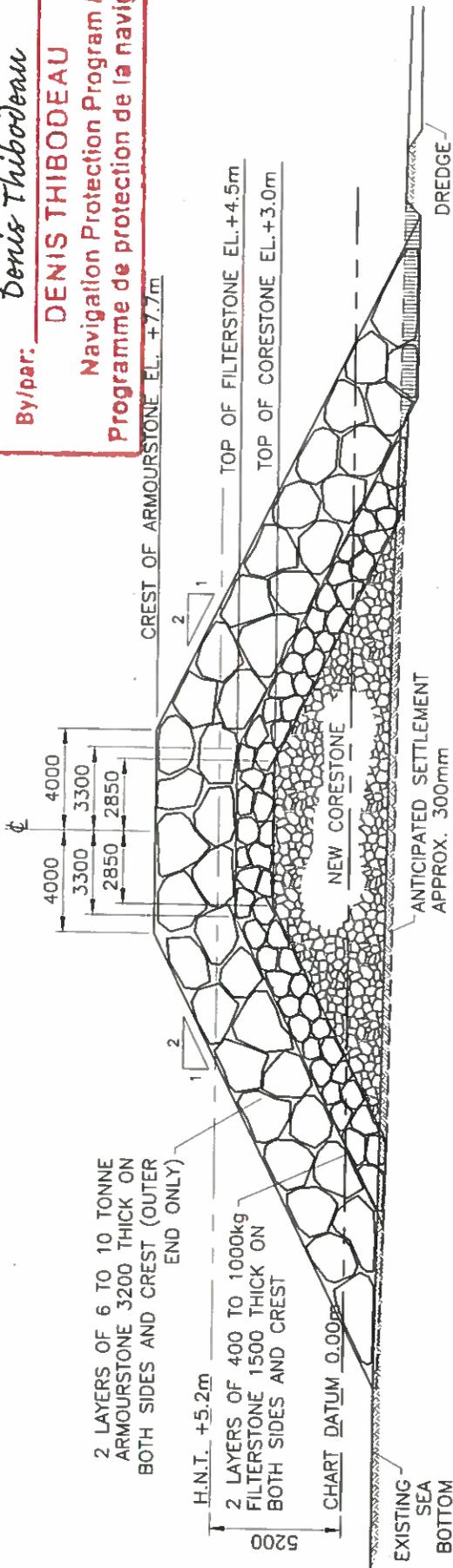
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SECTION G

SCALE: 1:250



<p>Public Works and Government Services Canada</p>	<p>Travaux publics et Services gouvernementaux Canada</p>	<p>project</p>		<p>project</p>		<p>Titre du dessin</p>		<p>designed</p>		<p>conçu</p>		<p>date</p>			
		<p>N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS</p>				<p>SECTION G GROYNE</p>				<p>drawn TM</p>		<p>dessiné date June, 2015</p>		<p>approved</p>	
<p>Tender</p>		<p>Saumur</p>		<p>Administrateur de projets TP5GC</p>		<p>project number</p>		<p>no. du projet</p>		<p>drawing no.</p>		<p>no. du dessin</p>			
<p>PWGSC Project Manager PWGSC L1 (2004)</p>		<p>10</p>		<p>10</p>		<p>10</p>		<p>10</p>		<p>10</p>		<p>10</p>			

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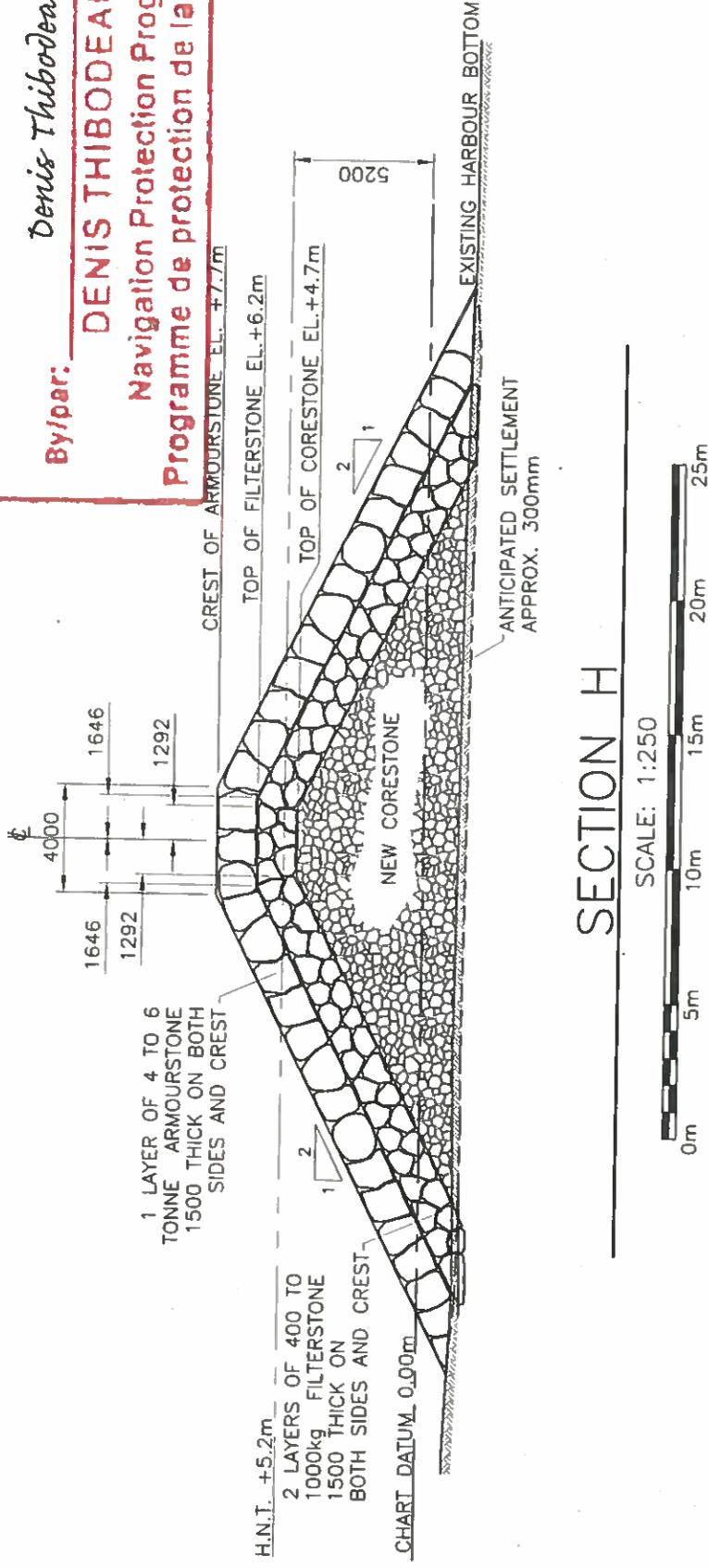
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By/par: *Denis Thibodeau*

DENIS THIBODEAU

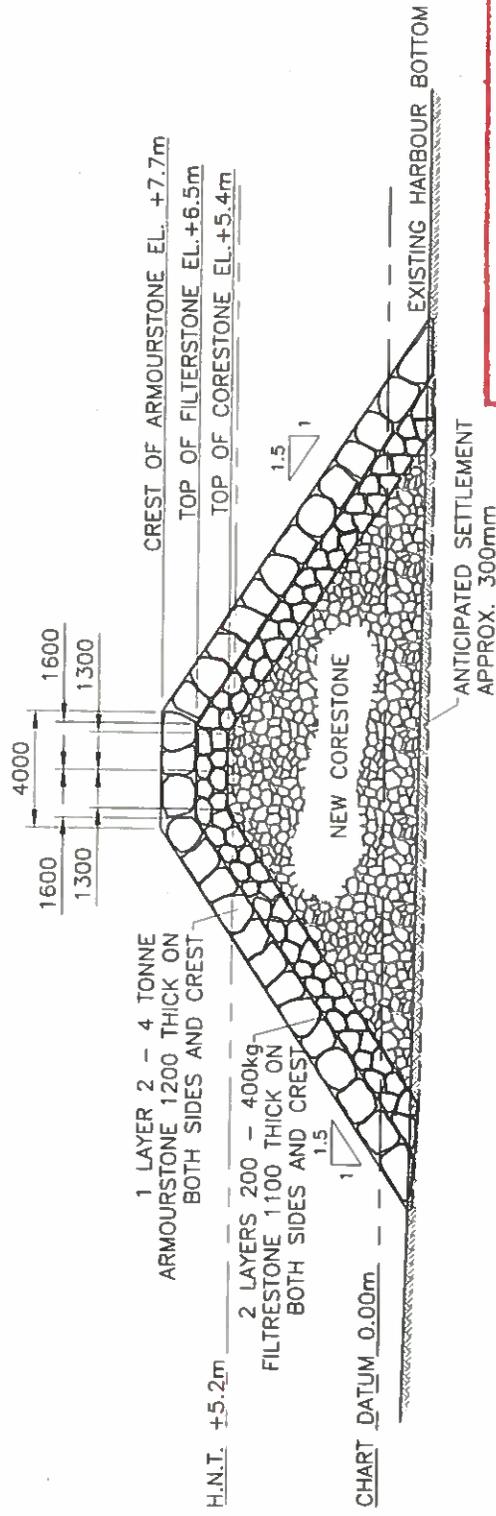
Navigation Protection Program /

Programme de protection de la navigation



SECTION H

 Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada	project	
		N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	
 Tender	Submission Administrateur de projets TPSGC	Drawing title SECTION H GROYNE	
		Titre du dessin	
PWGSC Project Manager PWGSC L1 (2004)		project number 11	no. du projet 11
Saumur		designed TM	conçu date June, 2015
Saumur		drawn approved	dessiné approuvé date
Saumur		no. du dessin 11	no. du dessin 11



SECTION J

SCALE: 1:250



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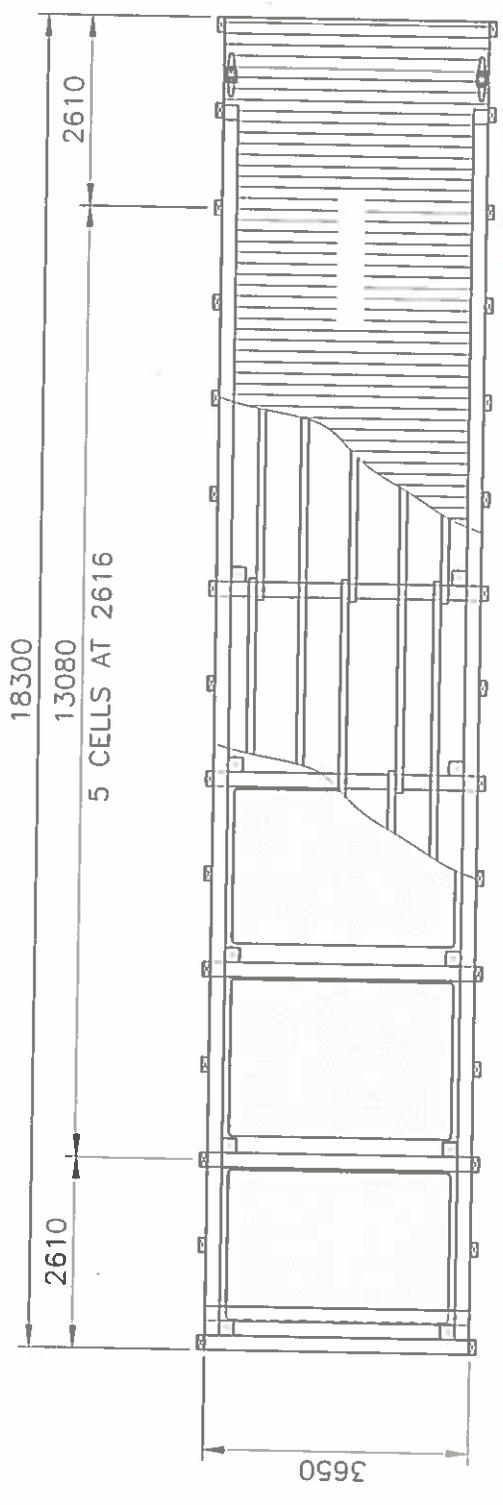
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By/par: *Denis Thibodeau*

DENIS THIBODEAU

Navigation Protection Program /
Programme de protection de la navigation

Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada	project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	project SECTION J GROUYNE	titre du dessin designed conçu	date June, 2015
	Tender Soumission			drawing no. 13	date June, 2015
PWGSC Project Manager Administrateur de projets TPSGC		project number no. du projet		drawing no. 13	



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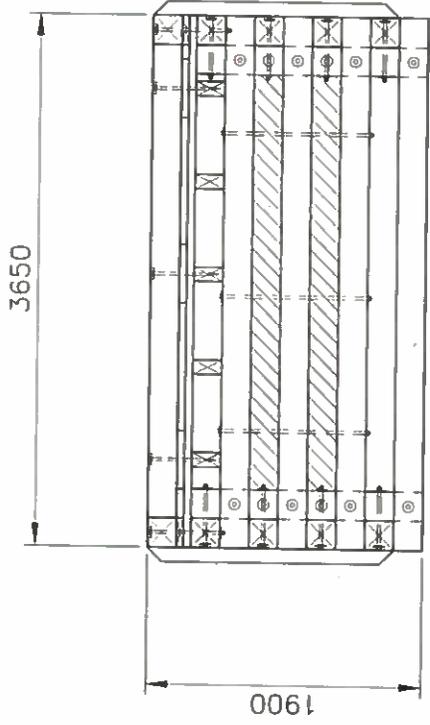
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PLAN K

SCALE : 1:100



 Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada	project N.P.P. DFO - SCH	Drawing title PLAN K FLOATING DOCK MODULE 5 REQUIRED	titre du dessin assigned conçu date
	Tender PWCSC Project Manager PWCSC L1 (2004)	Soumission Administrateur de projets IPSCG	project CAPE ST. MARYS (1046) DIGBY COUNTY, NS	drawn TM approved approved date
		project number 14	drawing no. 14	no. du dessin 14



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Denis Thibodeau

By/par:

DENIS THIBODEAU

**Navigation Protection Program /
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ELEVATION L

SCALE: 1:50



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

Tender

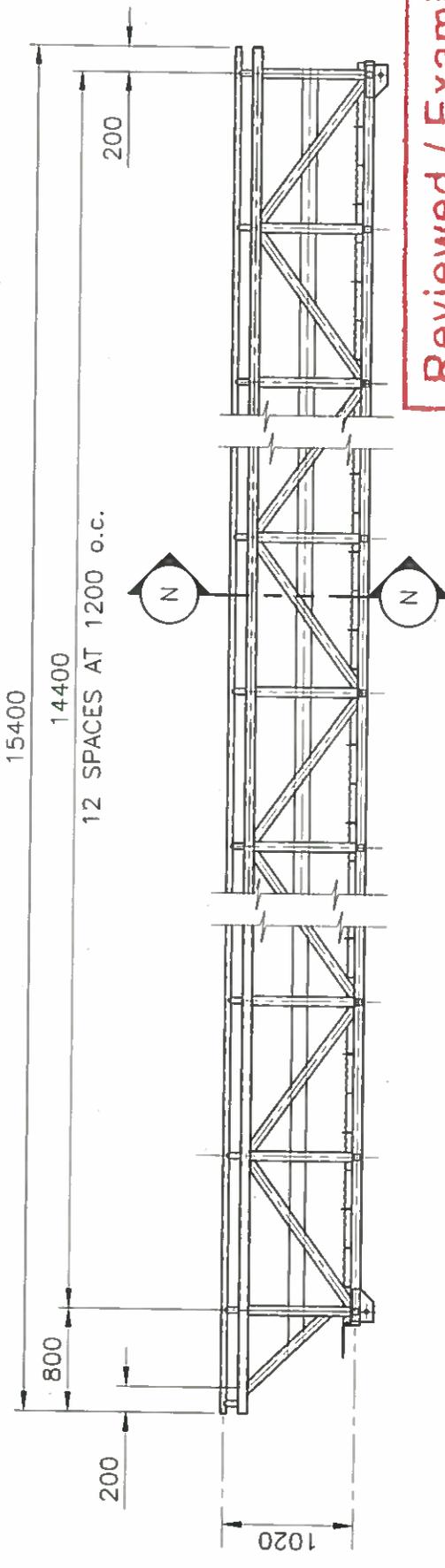
Submission

PWGSC Project Manager

Administrateur de projets TPSCG

PWGSC L1 (2004)

project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS	Drawing title ELEVATION L FLOATING DOCK MODULE END ELEVATION	designed TM	conçu date June, 2015
		drawn approved	dessiné approuvé date
project number no. du projet	drawing no. no. du dessin	15	



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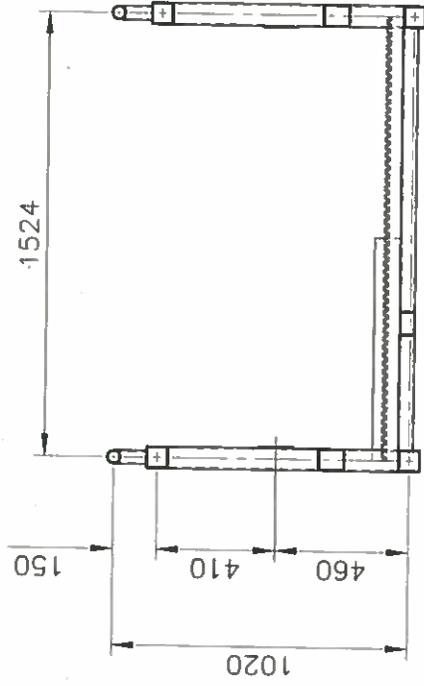
11/25/2015

By/par: *Denis Thibodeau*

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Programme de protection de la navigation

ELEVATION M

Public Works and Government Services Canada Travaux publics et Services gouvernementaux Canada	Tender Soumission	project N.P.P. DFO - SCH CAPE ST. MARYS (1046) DIGBY COUNTY, NS		Drawing title ELEVATION M GANGWAY ELEVATION		designed conçu	date date
		Administrateur de projets JPSGC PWGSC Project Manager PWGSC L1 (200*)		project number 16		drawn TM	approved approuvé



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Navigation Protection Program /

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SECTION N

SCALE: 1:25



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

Tender

Submission

PWGSC Project Manager

Administrateur de projets TPSGC

PWGSC L1 (2004)

project

project

Drawing title

designed

conçu

date

N.P.P.
DFO - SCH

CAPE ST. MARYS (1046)
DIGBY COUNTY, NS

SECTION N
GANGWAY-STRONGARM

drawn

dessiné

date

June, 2015

approved

approuvé

drawing no.

no. du dessin

17

STATUTORY DECLARATION

CANADA

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

PROVINCE OF

To Wit:

I _____ (Fisheries and Oceans Canada, Small Craft Harbours) _____

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

SOLEMNLY DECLARE that the Dock, Groyne, General, Breakwater, located at approximately 44° 05' 07.10" N ; 066° 12' 22.45" W, Cape St-Mary's Harbour, Cape Cove, Digby County, Province of Nova Scotia, as been built or placed in accordance with the approved plan(s) and site pursuant to the *Navigable Waters Protection Act*, its regulations and the terms and conditions in the Approval dated November 25, 2015.

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 _____

