



# PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District  
Jacob K. Javits Federal Building  
New York, N.Y. 10278-0090  
ATTN: Regulatory Branch

**In replying refer to:**

Public Notice Number: **NAN-2018-00443-EKN**  
Issue Date: **June 21, 2018**  
Expiration Date: **July 21, 2018**

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344):

**APPLICANT:** Port Authority of New York and New Jersey  
4 World Trade Center  
150 Greenwich Street, 20<sup>th</sup> Floor  
New York, New York 10007

**ACTIVITY:** Maintenance dredging of three berths with upland placement of dredged material.

**WATERWAY:** Arthur Kill

**LOCATION:** Howland Hook Marine Terminal, 300 Western Avenue, Staten Island, Richmond County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest in the proposed activity.

CENAN-OP-RE

**\*\*\*PLEASE USE THE 18-CHARACTER PUBLIC NOTICE NUMBER ON ALL  
CORRESPONDENCE WITH THIS OFFICE\*\*\***

13 JUN 2018

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments, including names and addresses, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally-endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed construction work, fully described in the enclosed Work Description, could cause minimum disruption of habitat for various life stages of some EFH-designated species as a result of a minor short-term temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific minor adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of minor disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision on this permit application.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, pre-historical, or historical data may be lost by work accomplished under the required permit.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification.

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CENAN-OP-RE

Public Notice NAN-2018-00443-EKN

13 JUN 2018

No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New York, the applicant's certification and accompanying information is available from the New York State Department of State Division of Coastal Resources, Coastal Management Program, 99 Washington Avenue – Suite 1010, Albany, New York 12231-0001, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice.

If you have any questions concerning this application, you may contact this office at (917) 790-8715 and ask for Dr. Stephen Knowles.

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.

  
FR Stephan A. Ryba 13 JUN 2018  
Chief, Regulatory Branch

Enclosures

\*\*\*PLEASE USE THE 18-CHARACTER PUBLIC NOTICE NUMBER ON ALL  
CORRESPONDENCE WITH THIS OFFICE\*\*\*

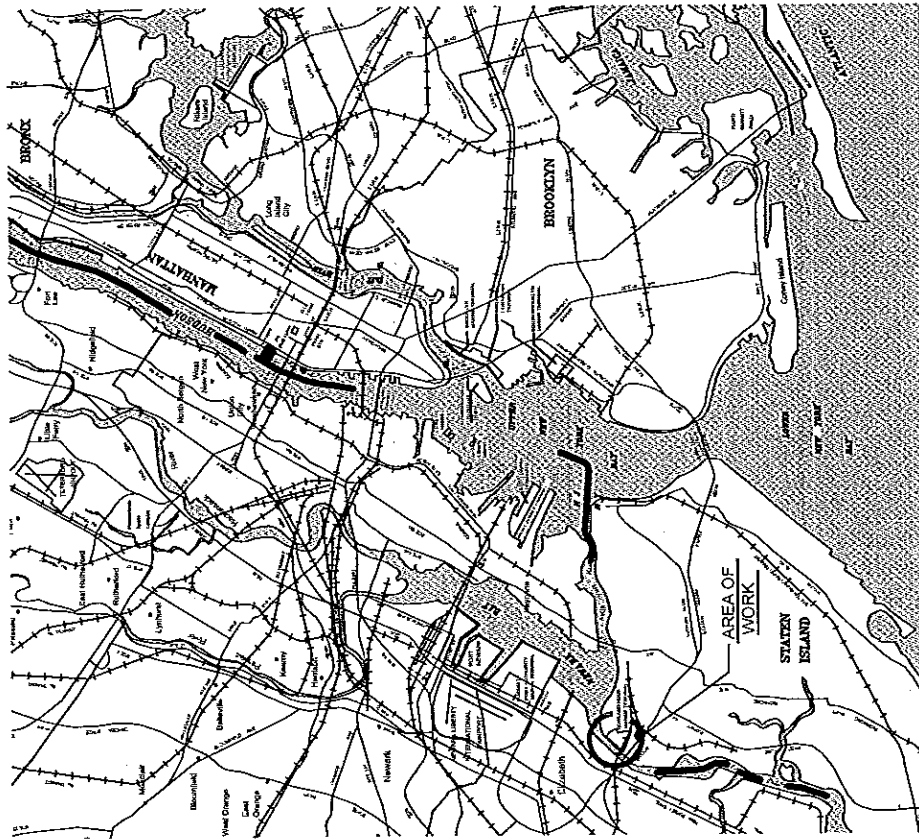
**WORK DESCRIPTION**

The applicant, the Port Authority of New York and New Jersey (Port Authority), proposes to maintain authorized depths within three berths at the Howland Hook Marine Terminal located at 300 Western Avenue, Staten Island, Richmond County, New York. Berth 1 will be maintained at an authorized depth of 35 feet below the plane of Mean Low Water (MLW). Berth 2 will be maintained at an authorized depth of 41 feet below the plane of MLW. Berth 3 will be maintained at an authorized depth of 50 feet below the plane of MLW. All three berths are authorized for an allowable 2-feet of overdepth dredging. Approximately 19,000 cubic yards of material will be dredged for each cycle.

Dredging with a closed (environmental) clamshell bucket without barge overflow is proposed, with return flow of pore water to the waterway after a minimum of 24 hours settling. The fine-grained dredged material, consisting of approximately 75% silt, 10% clay, and 15% sand, will be amended with a minimum of 8% Portland cement prior to placement at a state-approved upland site as structural fill, landfill cover, or other beneficial/acceptable use. Two or three dredging events, each expected to remove approximately 19,000 cubic yards of sediment, are anticipated after the first dredging cycle.

The purpose of the proposed work is to maintain adequate water depths for mooring of vessels within the three berths.

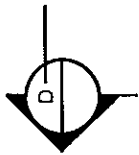
# NAN-2018-00443-EKN (drawing 1 of 7)



SITE MAP  
N.T.S.

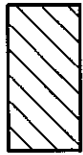
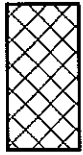
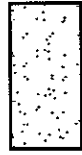
**ABBREVIATIONS:**

- DWG. DRAWING
- M.L.W. MEAN LOW WATER
- S.M.H.W. SPRING / MEAN HIGH WATER
- ELEV. ELEVATION
- NO. NUMBER
- N.T.S. NOT TO SCALE
- O.C. ON CENTER
- NGVD29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
- NAVD88 NORTH AMERICAN VERTICAL DATUM OF 1988
- NAD83 NORTH AMERICAN DATUM OF 1983 - HORIZONTAL



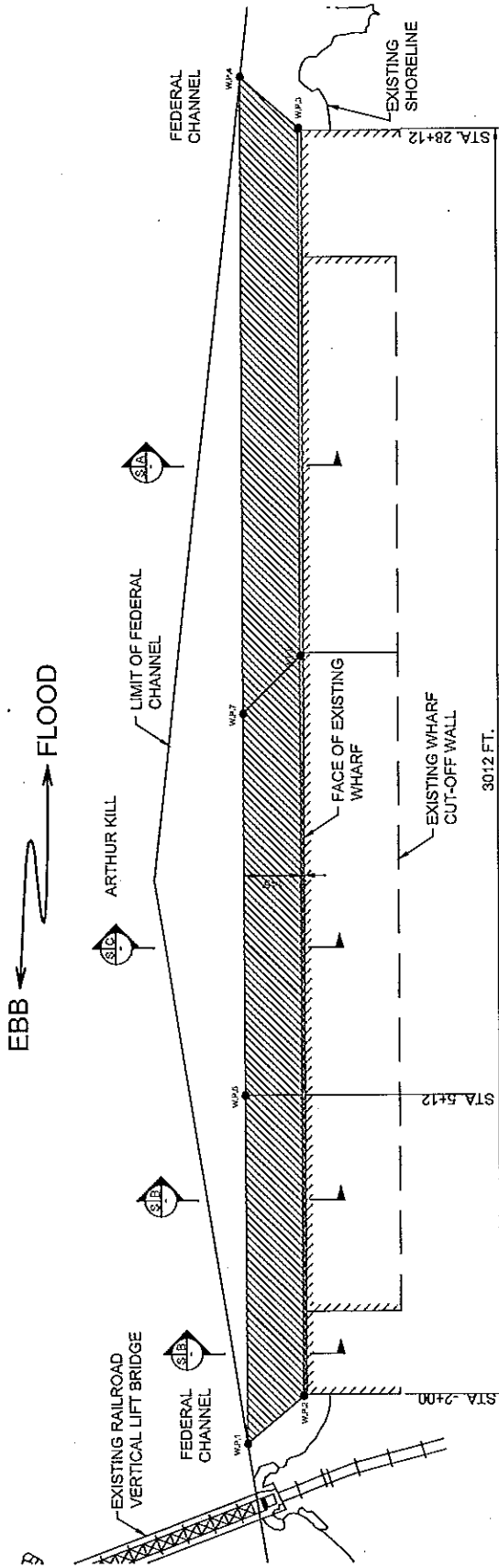
**SECTION DESIGNATION**

**LEGEND:**

-  INDICATES AREAS TO BE DREDGED IN PLAN VIEW
-  LIMITS OF SEDIMENT/SOIL DREDGING IN SECTIONAL VIEW.
-  INDICATES MATERIAL SLOUGHING IN FROM SIDE SLOPES IN SECTIONAL VIEW. NO DREDGING ALLOWED IN THIS AREA.

<b>THE PORT AUTHORITY OF NY &amp; NJ</b>	Discipline: ENVIRONMENTAL		Date: 03-08-2018	1 of 2
	HOWLAND HOOK MARINE TERMINAL		MFP-924,550 Contract Number	Worker Number
Designed by: M. HELLMAN	Drawn by: N. KOEGLMAN	Checked by: M. HELLMAN	Drawing Number: N001	
Maintenance Dredge via Work Order		PID Number: 17514000		

# NAN-2018-00443-EKN (drawing 2 of 7)

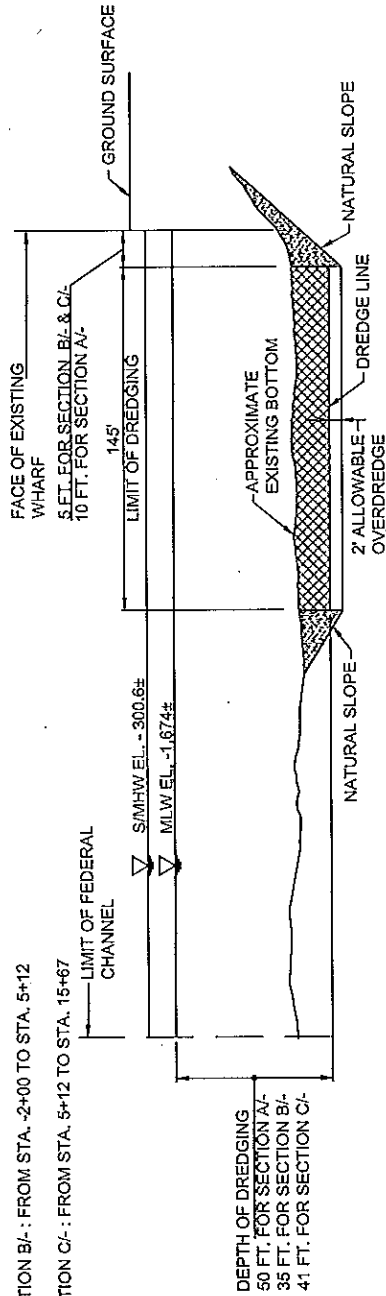


## SITE PLAN N.T.S.

### LIMITS OF SECTIONS

- SECTION A/- : FROM STA. +5+67 TO STA. 28+12
- SECTION B/- : FROM STA. -2+00 TO STA. 5+12
- SECTION C/- : FROM STA. 5+12 TO STA. 15+67

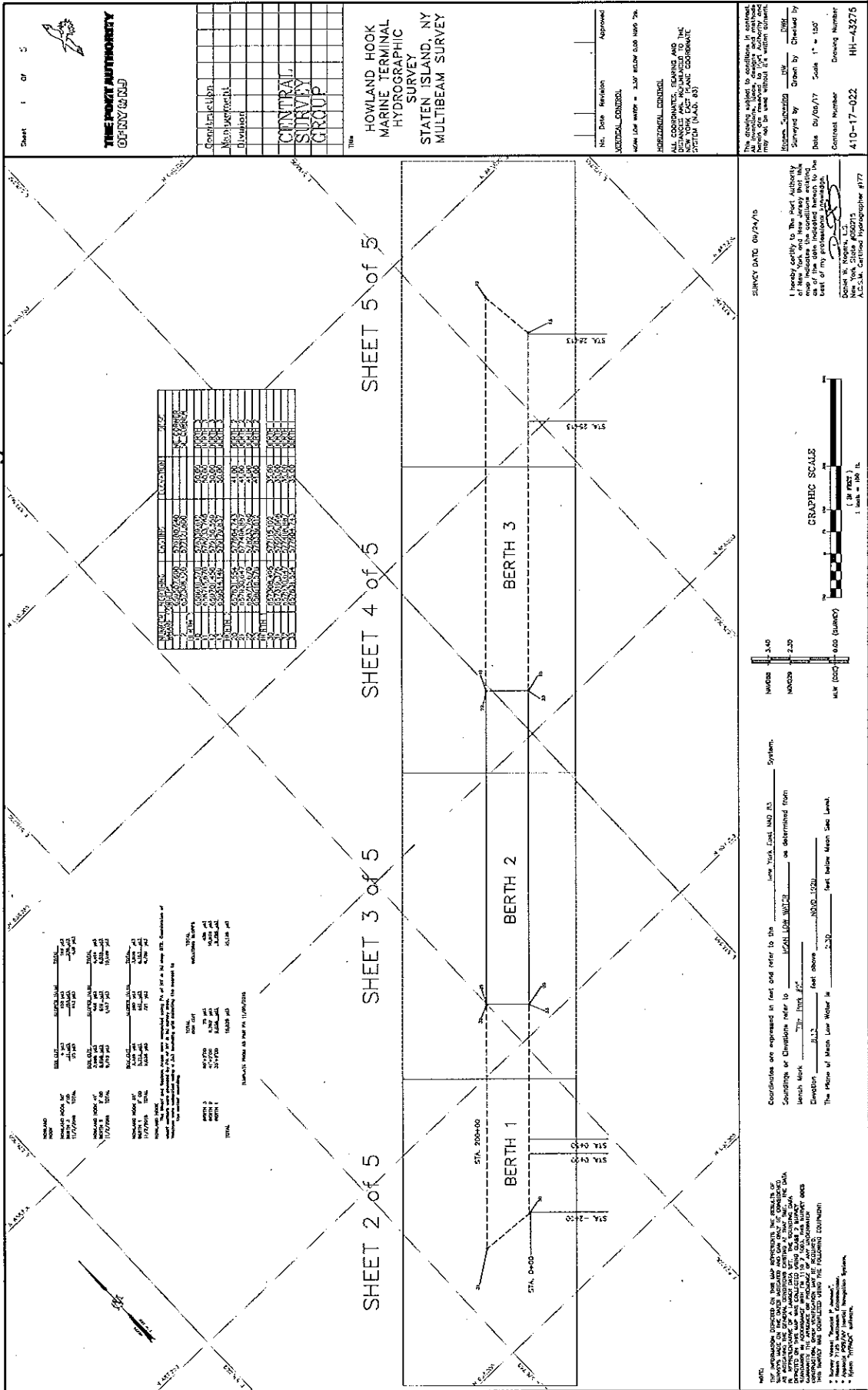
WORKING POINTS	COORDINATES	
	NORTH	EAST
W.P. 1	657,319	576,927
W.P. 2	657,308	577,115
W.P. 3	659,514	579,180
W.P. 4	659,701	579,157
W.P. 5	657,926	577,495
W.P. 6	658,604	578,316
W.P. 7	658,598	578,124



## TYPICAL SECTION N.T.S.

<b>THE PORT AUTHORITY OF NY &amp; NJ</b>  M. HELMAN Designed by N. KOGELMAN Drawn by M. HELMAN Checked by	HOWLAND HOOK MARINE TERMINAL  MAINTENANCE DREDGE VIA WORK ORDER	Discipline ENVIRONMENTAL  SITE PLAN AND TYPICAL SECTION	Date 03-08-2018 MFP-924.650 Contract Number 17514000 PID Number	2 of 2 Worker Number Drawing Number <b>N002</b>
	MAHP-17514000/ENVIRONMENTAL/MANAGEMENT/DOCS/PERMIT SET/PH-HMT			

# NAN-2018-00443-EKN (drawing 3 of 7)



SECTION	DESCRIPTION	DATE	BY	CHECKED
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...

**GRAPHIC SCALE**

1 inch = 150 ft.

**PROFESSIONAL SEAL**

**DATE: 05/24/17**

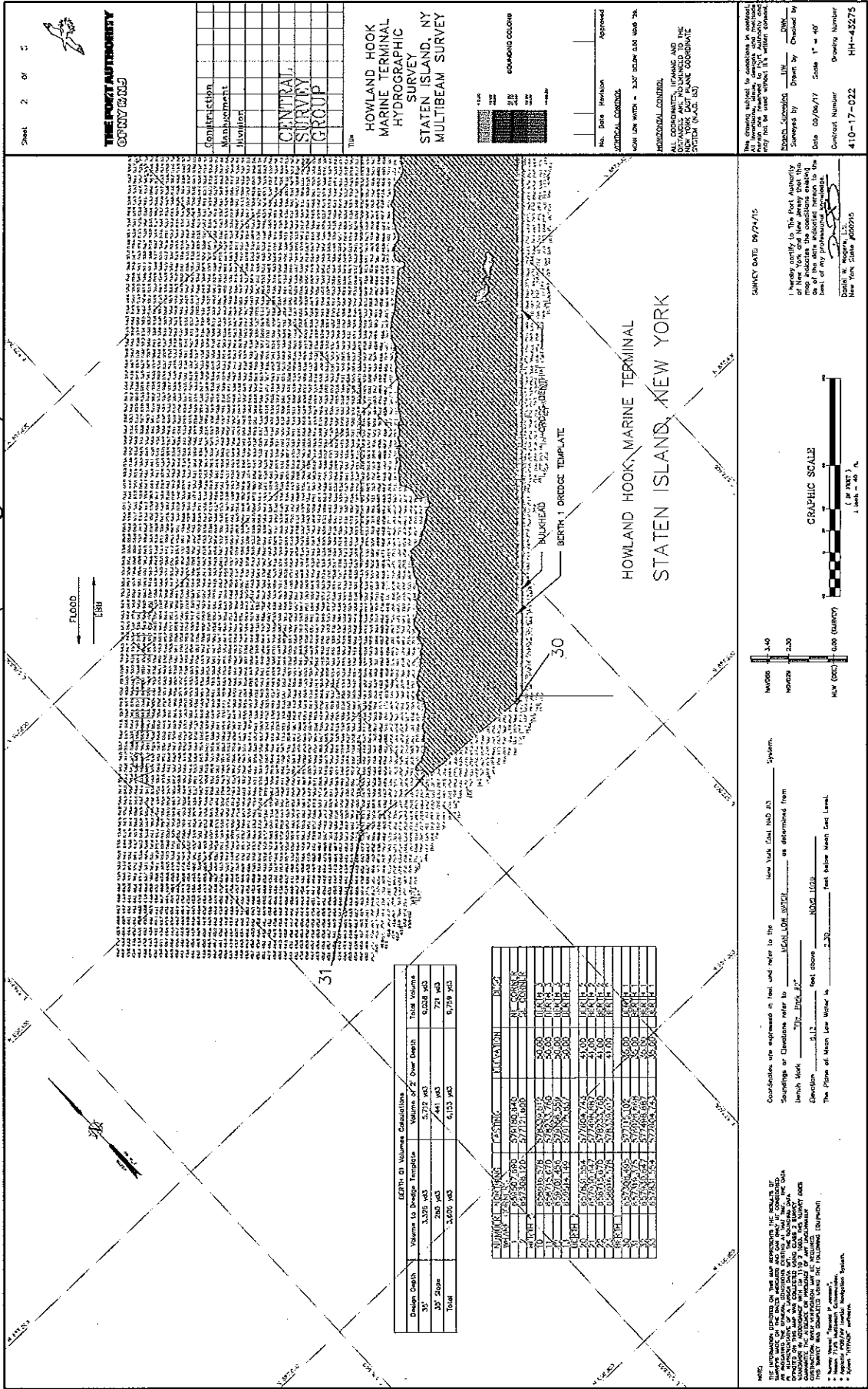
I hereby certify to the Port Authority that I am a duly Licensed Professional Engineer in the State of New York, License No. 12345, and that I am the author of the drawings herein.

Donal W. Rosen, P.E.  
 New York State Professional Engineer #172

**COORDINATES:** Coordinates are expressed in feet and refer to the NAD 83 system. Soundings or elevations refer to MSL or determined from ... bench mark. Elevation ... feet above ... feet below Mean Sea Level.

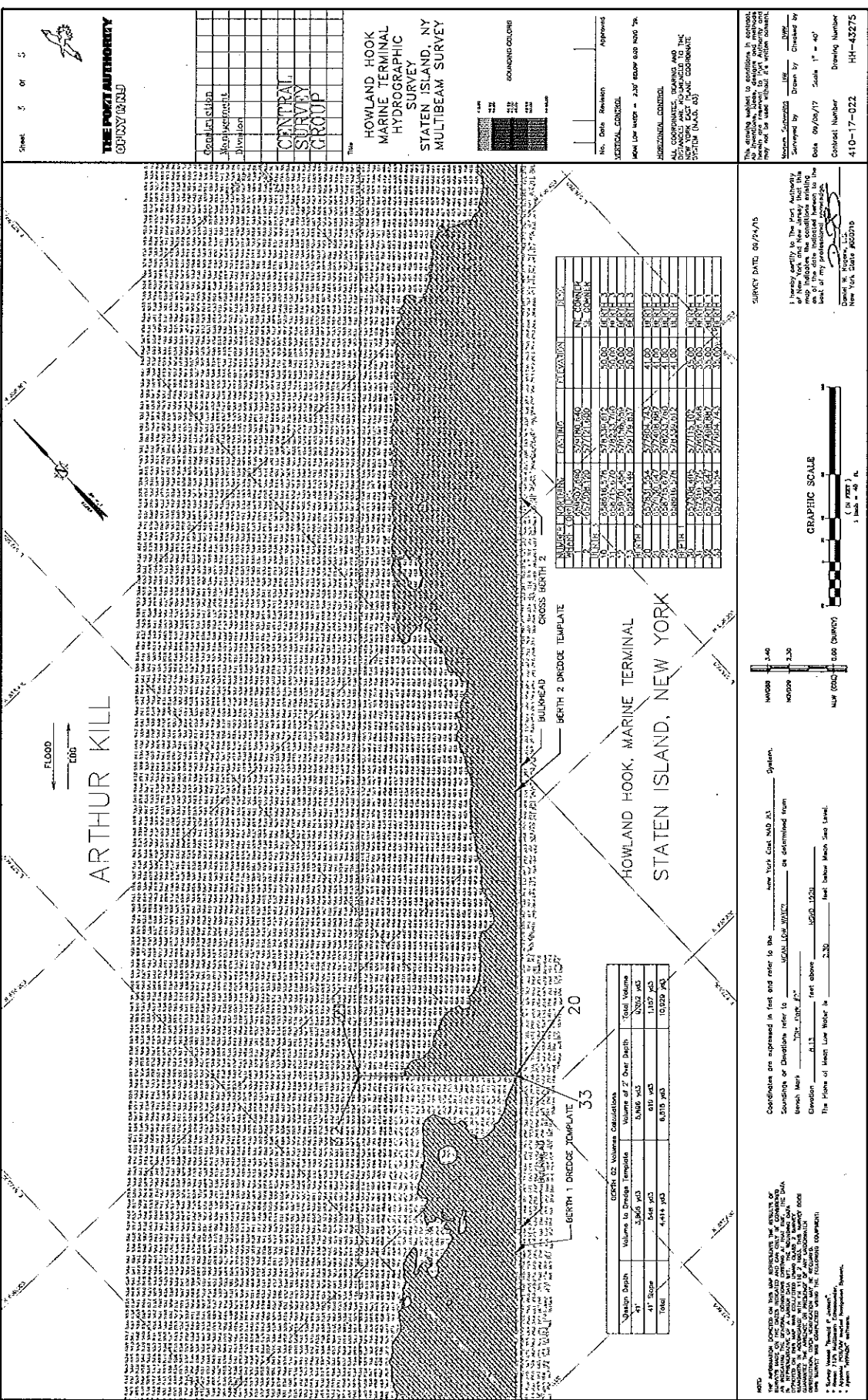
**NOTES:** THE INFORMATION SHOWN ON THIS DRAWING IS THE RESULT OF THE SURVEY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND INFORMATION PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND INFORMATION PROVIDED TO THE CONTRACTOR.

# NAN-2018-00443-EKN (drawing 4 of 7)





# NAN-2018-00443-EKN (drawing 5 of 7)

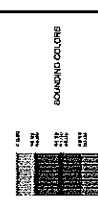


Sheet 5 of 5

**THE PORT AUTHORITY**  
OF NEW YORK AND NEW JERSEY

Classification	
Maneuverability	
Division	
<b>CENTRAL SURVEY GROUP</b>	

HOWLAND HOOK MARINE TERMINAL HYDROGRAPHIC SURVEY STATEN ISLAND, NY MULTIBEAM SURVEY



No. Date Revision Approved

VERTICAL CONTROL

LOW LOW WATER = 2.27 above OAD NAVD 83

HORIZONTAL CONTROL

ALL COORDINATES, BEARING AND DISTANCES ARE REFERENCED TO THE NAD 83 DATUM AND TO THE STATE PLANE COORDINATE SYSTEM (NAD 83)

The depths marked on this map are the result of a survey conducted in accordance with the provisions of the Hydrographic Act of 1906, as amended, and the regulations thereunder. They are not to be used without a written consent of the Chief of the Survey.

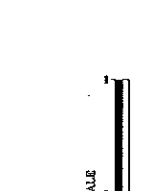
Surveyed by: [Signature]  
Checked by: [Signature]  
Date: 09/04/17 Scale: 1" = 40'  
Contact Number: 410-17-0222  
Drawing Number: HH-43275

STATION	DEPTH	REMARKS
100	10.00	10.00
101	10.00	10.00
102	10.00	10.00
103	10.00	10.00
104	10.00	10.00
105	10.00	10.00
106	10.00	10.00
107	10.00	10.00
108	10.00	10.00
109	10.00	10.00
110	10.00	10.00
111	10.00	10.00
112	10.00	10.00
113	10.00	10.00
114	10.00	10.00
115	10.00	10.00
116	10.00	10.00
117	10.00	10.00
118	10.00	10.00
119	10.00	10.00
120	10.00	10.00

**SURVEY DATED 08/24/15**

I hereby certify to the Port Authority of New York and New Jersey that the map indicates the conditions existing on the date indicated hereon to the best of my knowledge and belief.

David W. Moore, LLC  
New York Date: 08/27/15



Coordinates are expressed in feet and refer to the New York City NAVD 83 System.

Soundings or Depths refer to MSL (LWS) or as determined from.

Meaning: 100.00 ft above USCG USCG

The Plane of Mean Low Water is 2.27 feet below Mean Sea Level.

BERTH 1 DREDGE TEMPLATE		BERTH 2 DREDGE TEMPLATE	
Volume	1000 yds	Volume	1000 yds
Area	1000 sq yds	Area	1000 sq yds
Depth	10.00 fms	Depth	10.00 fms
Total Volume	10000 yds	Total Volume	10000 yds

**NOTES:**

1. The information provided on this map represents the results of a survey conducted in accordance with the provisions of the Hydrographic Act of 1906, as amended, and the regulations thereunder. It is not to be used without a written consent of the Chief of the Survey.

2. The depths marked on this map are the result of a survey conducted in accordance with the provisions of the Hydrographic Act of 1906, as amended, and the regulations thereunder. They are not to be used without a written consent of the Chief of the Survey.

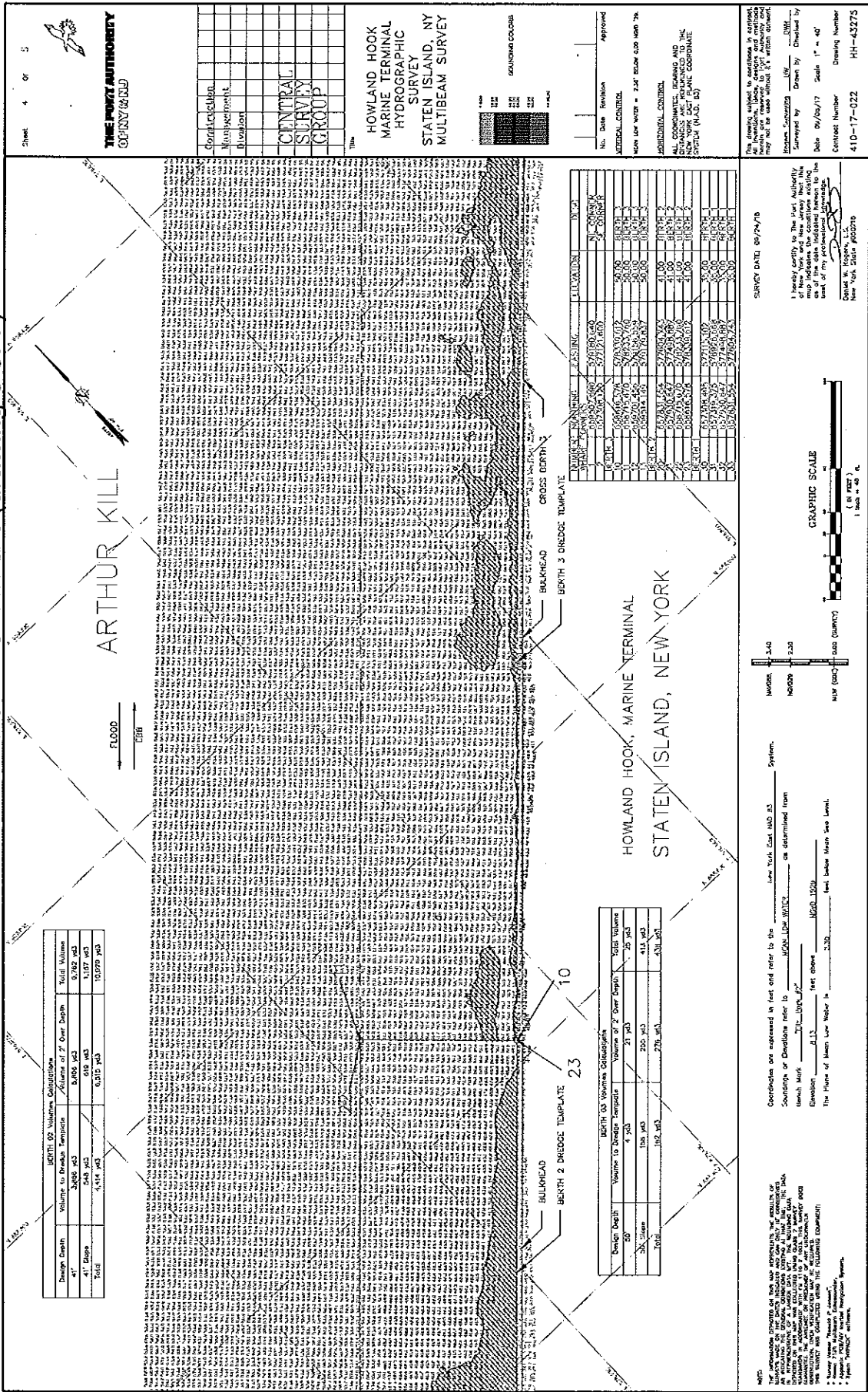
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# NAN-2018-00443-EKN (drawing 6 of 7)

BERTH 02 Volume Calculations			
Design Depth	Volume to Berth Template	Volume of 2' Over Depth	Total Volume
4' 0"	3,000 cu yd	3,000 cu yd	6,000 cu yd
4' 1" Slope	4,474 cu yd	6,015 cu yd	10,489 cu yd
Total			16,489 cu yd

BERTH 03 Volume Calculations			
Design Depth	Volume to Berth Template	Volume of 2' Over Depth	Total Volume
4' 0"	1,184 cu yd	1,184 cu yd	2,368 cu yd
4' 1" Slope	1,022 cu yd	1,363 cu yd	2,385 cu yd
Total			4,753 cu yd

Design Depth	Volume to Berth Template	Volume of 2' Over Depth	Total Volume
4' 0"	211 cu yd	211 cu yd	422 cu yd
4' 1" Slope	134 cu yd	181 cu yd	315 cu yd
Total	345 cu yd	392 cu yd	737 cu yd



Sheet 4 of 5

**THE PORT AUTHORITY**  
OF NEW YORK AND  
NEW JERSEY

CONSTRUCTION  
MANAGEMENT  
DIVISION

**CENTRAL  
SURVEY  
GROUP**

HOWLAND HOOK  
MARINE TERMINAL  
HYDROGRAPHIC  
SURVEY  
STATEN ISLAND, NY  
MULTIBEAM SURVEY

NO. Date Revision Approved

1. 09/05/17 [Signature] Approved

2. 09/05/17 [Signature] Approved

3. 09/05/17 [Signature] Approved

4. 09/05/17 [Signature] Approved

5. 09/05/17 [Signature] Approved

6. 09/05/17 [Signature] Approved

7. 09/05/17 [Signature] Approved

8. 09/05/17 [Signature] Approved

9. 09/05/17 [Signature] Approved

10. 09/05/17 [Signature] Approved

11. 09/05/17 [Signature] Approved

12. 09/05/17 [Signature] Approved

13. 09/05/17 [Signature] Approved

14. 09/05/17 [Signature] Approved

15. 09/05/17 [Signature] Approved

16. 09/05/17 [Signature] Approved

17. 09/05/17 [Signature] Approved

18. 09/05/17 [Signature] Approved

19. 09/05/17 [Signature] Approved

20. 09/05/17 [Signature] Approved

ALL COORDINATES, BEARING AND  
DISTANCES ARE REFERENCED TO THE  
NAD 83 DATUM AND THE NAD 83  
PROJECTION (NAD 83)

Vertical Control  
Horizontal Control

NON ADJ. WGS 84 - 2.28 BELOW OLD WGS 78

This drawing shall be submitted to the Port Authority of New York and New Jersey for review and approval. It may not be used without the written consent of the Port Authority.

Vertical Control: NAD 83  
Horizontal Control: NAD 83

Scale: 1" = 40'

Contract Number: 410-17-022  
Drawing Number: HH-43275

I hereby certify to the Port Authority of New York and New Jersey that the data indicated herein is the best of my knowledge and belief.

DATE: 09/05/17  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

GRAPHIC SCALE

1" = 40'

COORDINATES ARE EXPRESSED IN FEET AND INCHES TO THE NEAREST 1/16" AS SHOWN ON THIS DRAWING.

LOW WATER DATUM IS THE MEAN LOW WATER OF THE TIDE AS DETERMINED FROM THE RECORDS OF THE U.S. COAST AND GEODETIC SURVEY.

ELEVATION: 811.00 FEET ABOVE MEAN SEA LEVEL.

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

1. Survey was conducted using the following equipment:  
2. Survey was conducted under the following conditions:  
3. All measurements were taken in accordance with the following procedures:  
4. All measurements were taken in accordance with the following procedures:

HOWLAND HOOK, MARINE TERMINAL  
STATEN ISLAND, NEW YORK

BERTH 02 DREDGE TEMPLATE  
BULKHEAD  
BERTH 03 DREDGE TEMPLATE  
BULKHEAD

ARTHUR KILL

FLOOD  
EBB

10  
23

1:40  
1:20  
1:00  
0:40  
0:20  
0:00

MAP (NAD 83) DATUM (MEAN)

1" = 40'

1" = 40'

Vertical Control: NAD 83  
Horizontal Control: NAD 83

Scale: 1" = 40'

Contract Number: 410-17-022  
Drawing Number: HH-43275

Sheet 4 of 5

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

CONSTRUCTION MANAGEMENT DIVISION

HOWLAND HOOK MARINE TERMINAL HYDROGRAPHIC SURVEY STATEN ISLAND, NY MULTIBEAM SURVEY

NO. Date Revision Approved

1. 09/05/17 [Signature] Approved

2. 09/05/17 [Signature] Approved

3. 09/05/17 [Signature] Approved

4. 09/05/17 [Signature] Approved

5. 09/05/17 [Signature] Approved

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12. 09/05/17 [Signature] Approved

13. 09/05/17 [Signature] Approved

14. 09/05/17 [Signature] Approved

15. 09/05/17 [Signature] Approved

16. 09/05/17 [Signature] Approved

17. 09/05/17 [Signature] Approved

18. 09/05/17 [Signature] Approved

19. 09/05/17 [Signature] Approved

20. 09/05/17 [Signature] Approved

ALL COORDINATES, BEARING AND DISTANCES ARE REFERENCED TO THE NAD 83 DATUM AND THE NAD 83 PROJECTION (NAD 83)

Vertical Control: NAD 83  
Horizontal Control: NAD 83

Scale: 1" = 40'

Contract Number: 410-17-022  
Drawing Number: HH-43275

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Vertical Control: NAD 83  
Horizontal Control: NAD 83

Scale: 1" = 40'

Contract Number: 410-17-022  
Drawing Number: HH-43275

I hereby certify to the Port Authority of New York and New Jersey that the data indicated herein is the best of my knowledge and belief.

DATE: 09/05/17  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

GRAPHIC SCALE

1" = 40'

COORDINATES ARE EXPRESSED IN FEET AND INCHES TO THE NEAREST 1/16" AS SHOWN ON THIS DRAWING.

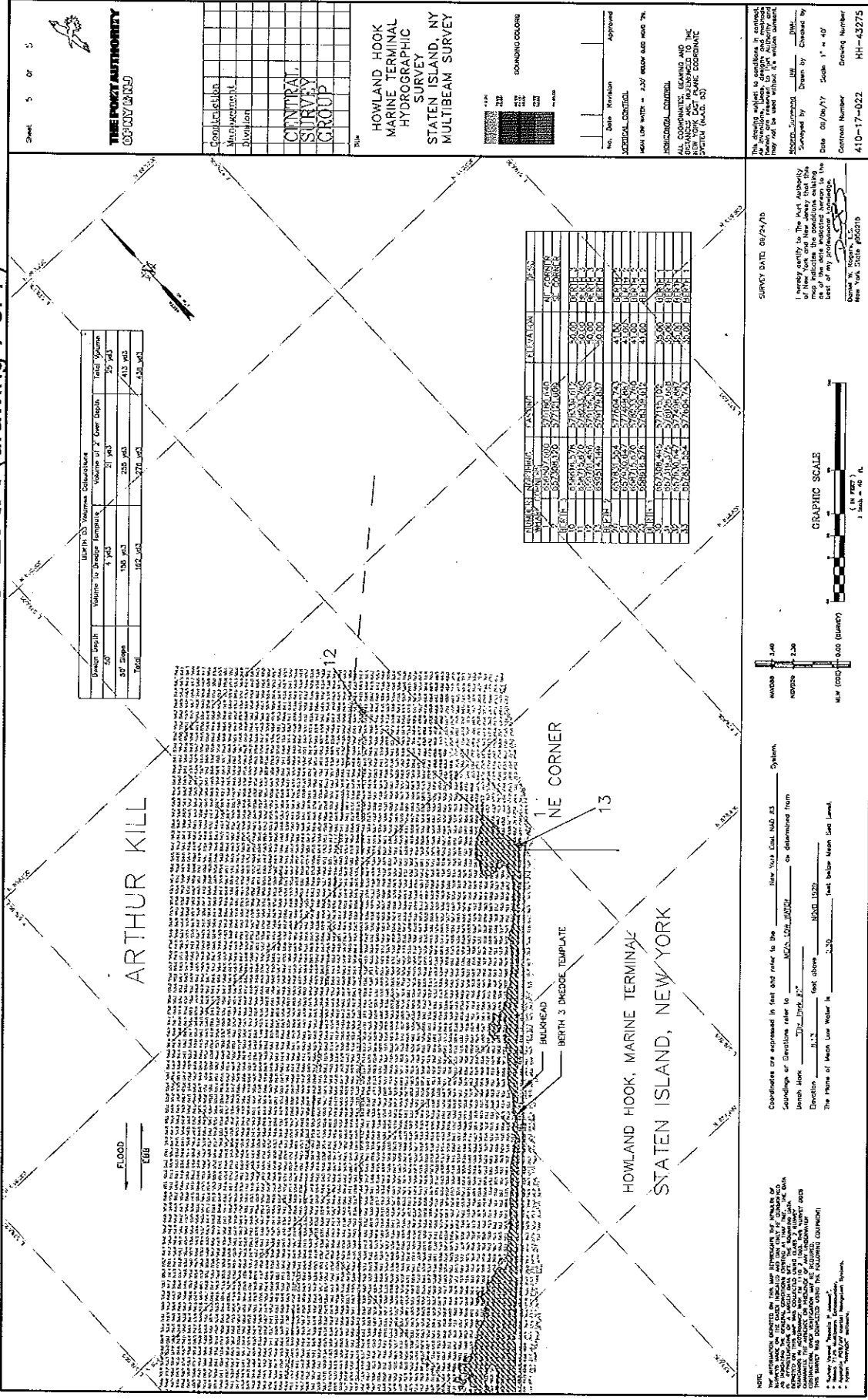
LOW WATER DATUM IS THE MEAN LOW WATER OF THE TIDE AS DETERMINED FROM THE RECORDS OF THE U.S. COAST AND GEODETIC SURVEY.

ELEVATION: 811.00 FEET ABOVE MEAN SEA LEVEL.

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

1. Survey was conducted using the following equipment:  
2. Survey was conducted under the following conditions:  
3. All measurements were taken in accordance with the following procedures:  
4. All measurements were taken in accordance with the following procedures:

# NAN-2018-00443-EKN (drawing 7 of 7)



Design Depth	Volume to Dredge Template	Volume of 2' Over Depth	Total Volume
50'	1,343	21,943	23,286
30' Slope	100,463	225,463	325,926
<b>TOTAL</b>	<b>101,806</b>	<b>247,406</b>	<b>349,212</b>

STATION	DEPTH	TEMPERATURE	WIND	WAVE	SEA	STATE	REMARKS
1	10.00	52.0	10	1	1	1	1
2	10.00	52.0	10	1	1	1	1
3	10.00	52.0	10	1	1	1	1
4	10.00	52.0	10	1	1	1	1
5	10.00	52.0	10	1	1	1	1
6	10.00	52.0	10	1	1	1	1
7	10.00	52.0	10	1	1	1	1
8	10.00	52.0	10	1	1	1	1
9	10.00	52.0	10	1	1	1	1
10	10.00	52.0	10	1	1	1	1
11	10.00	52.0	10	1	1	1	1
12	10.00	52.0	10	1	1	1	1
13	10.00	52.0	10	1	1	1	1
14	10.00	52.0	10	1	1	1	1
15	10.00	52.0	10	1	1	1	1
16	10.00	52.0	10	1	1	1	1
17	10.00	52.0	10	1	1	1	1
18	10.00	52.0	10	1	1	1	1
19	10.00	52.0	10	1	1	1	1
20	10.00	52.0	10	1	1	1	1

Sheet 5 of 5

**THE PORT AUTHORITY**  
CONYON GROUP

Construction: \_\_\_\_\_  
Who: \_\_\_\_\_  
Division: \_\_\_\_\_

**CENTRAL SURVEY GROUP**

HOWLAND HOOK  
MARINE TERMINAL  
HYDROGRAPHIC  
SURVEY  
STATEN ISLAND, NY  
MULTIBEAM SURVEY

DATE: \_\_\_\_\_  
APPROVED: \_\_\_\_\_

VERTICAL CONTROL: \_\_\_\_\_  
HORIZONTAL CONTROL: \_\_\_\_\_

ALL COORDINATE READINGS AND DISTANCES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83)

Coordinates are expressed in feet and refer to the \_\_\_\_\_ New York State Plane 83 System.

Soundings of Elevations refer to \_\_\_\_\_ Mean Low Water \_\_\_\_\_ or determined from \_\_\_\_\_

Depth Mark \_\_\_\_\_ feet above \_\_\_\_\_

Elevation \_\_\_\_\_ feet above \_\_\_\_\_

The Mean of Mean Low Water is \_\_\_\_\_ feet below Mean Low Water.

DATE: 06/24/18

I hereby certify to the Port Authority that the data presented herein is true and correct to the best of my knowledge and belief as of the date indicated herein to the best of my knowledge and belief.

Surveyor: \_\_\_\_\_  
New York State #000210

Drawing File: Howland\_Hook\_43275