



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-2022-00685-EMI**
Issue Date:
Expiration Date:

To Whom It May Concern:

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: New Jersey Department of Transportation
Office of Marine Resources
1035 Parkway Avenue, P.O. Box 600
Trenton, New Jersey 08625

ACTIVITY: Ten-Year Maintenance Dredging with Beach and Upland Placement

WATERWAY: Waackaack Creek & Thorns Creek

LOCATION: Borough of Keansburg, Union Beach Borough & Hazlet Township, Monmouth County, New Jersey

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 of the proposed activity.

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2022-00685-EMI

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED 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. Comments provided will become part of the public record for this permit application. All written comments, including contact information, 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 email 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 work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

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, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

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

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2022-00685-EMI

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. No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New Jersey State, the applicant's certification and accompanying information is available from the New Jersey Department of Environmental Protection, Coastal Management Program, P.O. Box 418, 401 E. State Street, Trenton, NJ, 08625, Telephone (609) 633-2201. 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 Jersey Department of Environmental Protection

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. Please send all comments and questions concerning this application to Christopher.W.Minck@usace.army.mil.

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>.

FOR AND IN BEHALF OF

Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The permit applicant, New Jersey Department of Transportation – Office of Marine Resources (NJDOT-OMR), has requested Department of the Army (DA) authorization to conduct dredging, with ten-years maintenance with beach placement and upland disposal. The project is located in Waackaack Creek and Thorns Creek (State Channels 005-006) in Keansburg Borough, Union Beach Borough, and Hazlet Township, Monmouth County, New Jersey.

The proposed work would involve the following:

Waackaack Creek:

Maintenance dredge, with ten-years maintenance, by hydraulic dredge, approximately 21,094 cubic yards of sediment consisting of sand and silt from an approximately 50 to 200-foot-wide by approximately 3,103-foot-long channel to a depth of five feet below the plane of Mean Low Water (MLW) with one-foot of allowable over dredging. The approximate slope of the channel would be 1 to 3.

Thorns Creek:

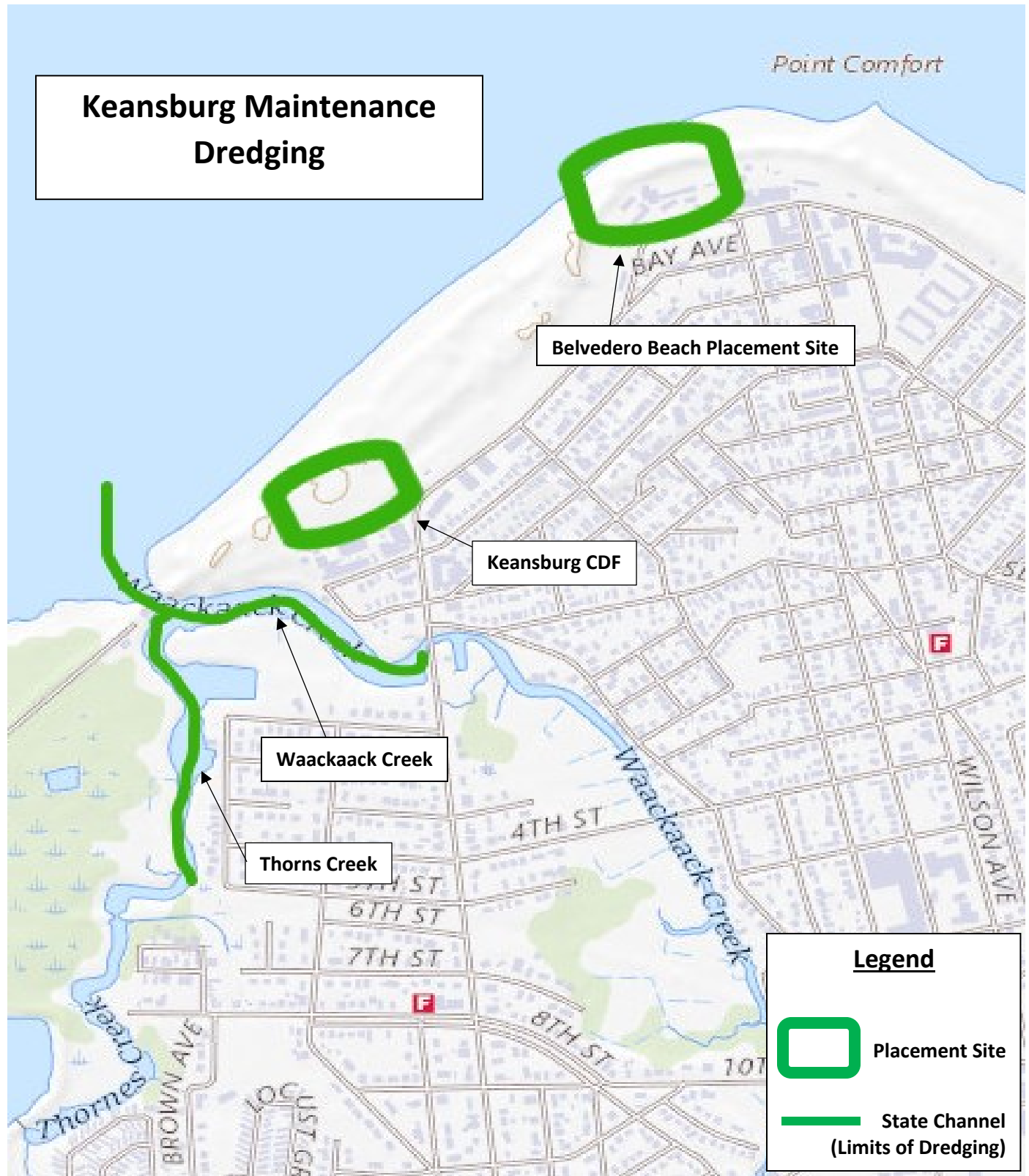
Maintenance dredge, with ten-years maintenance, by hydraulic dredge, approximately 6,176 cubic yards of sediment consisting of sand, silt, and clay from an approximate 25 to 200-foot-wide by approximately 1,675-foot-long channel to a depth of five feet below the plane of Mean Low Water (MLW) with one-foot of allowable over dredging. The approximate slope of the channel would be 1 to 3.

Approximately 16,662 cubic yards of the dredged material would be placed at the approximately 3.5 acres, Keansburg Confined Disposal Facility (CDF) for dewatering with return flow to the waterway and final disposal at a state approved upland facility. The remaining 10,647 cubic yards of 90% sand material would be placed at Belvedere Beach/Point Comfort for beach renourishment via dredge pipeline over an approximately 4.6 acre area. The material would be placed within the beach profile footprint for the Hurricane Sandy Rehabilitation Project, Raritan Bay and Sandy Hook Bay, Borough of Keansburg and East Keansburg, Monmouth County.

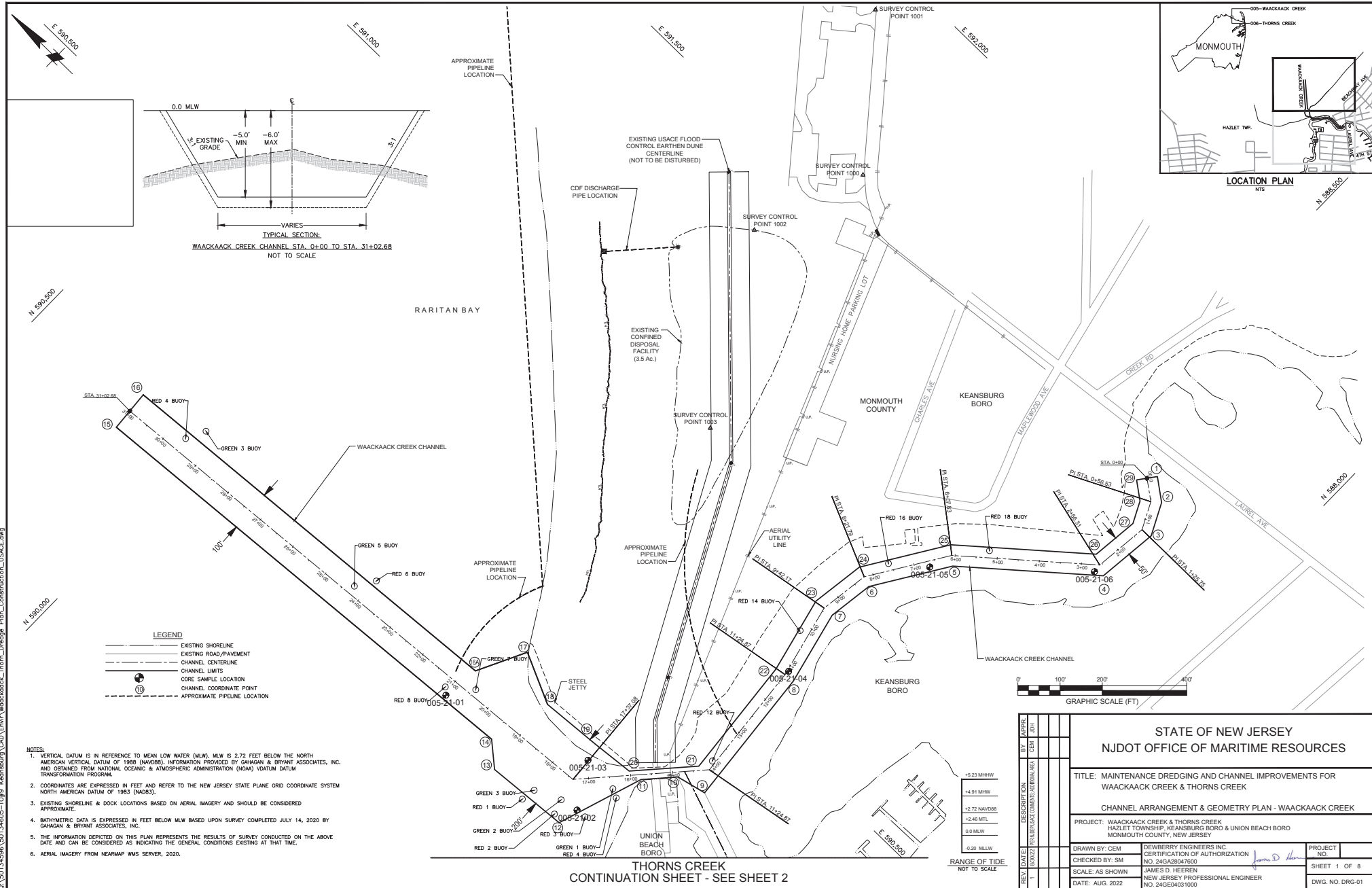
The applicant plans to conduct up to two (2) additional dredging events within the ten-year maintenance dredging period removing a maximum of approximately 25,000 CY per event from within the same dredging area with the same upland and beach placement areas referenced areas.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed to the maximum extent practicable by limiting the dredged area to the minimum area required for safe and reasonable navigation of Waackaack Creek & Thorns Creek. Any potential impacts would be temporary and would be offset by implementing best management practices associated with the proposed use of a hydraulic dredge and floating pipeline. The use of a hydraulic dredge and floating pipeline would provide the cleanest and least obtrusive method for sediment removal and transport, minimizing to the greatest extent possible any potential adverse effects to the aquatic environment.

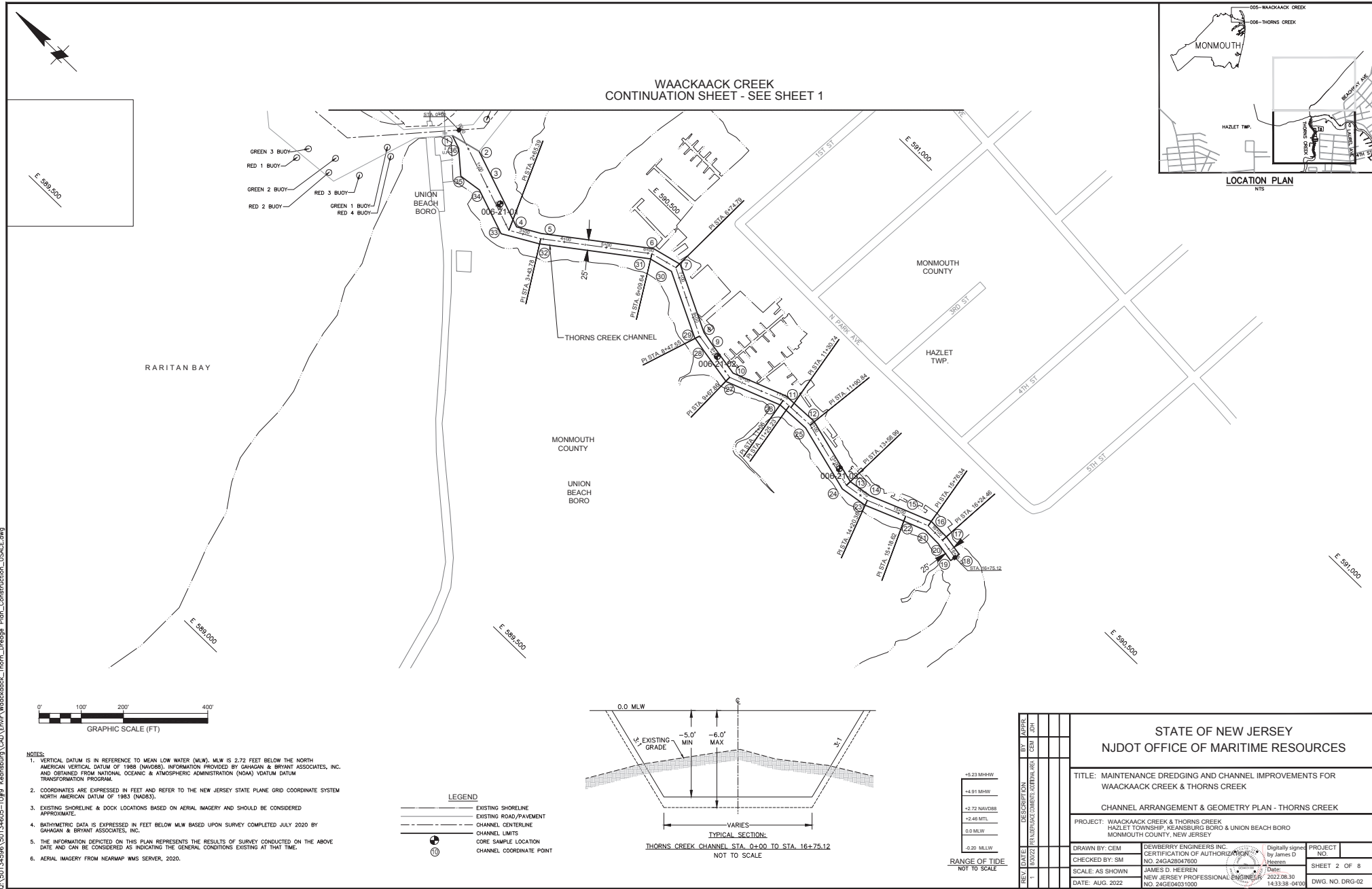
The stated purpose of this project is to maintain safe navigable depths for vessel use in the waterway.



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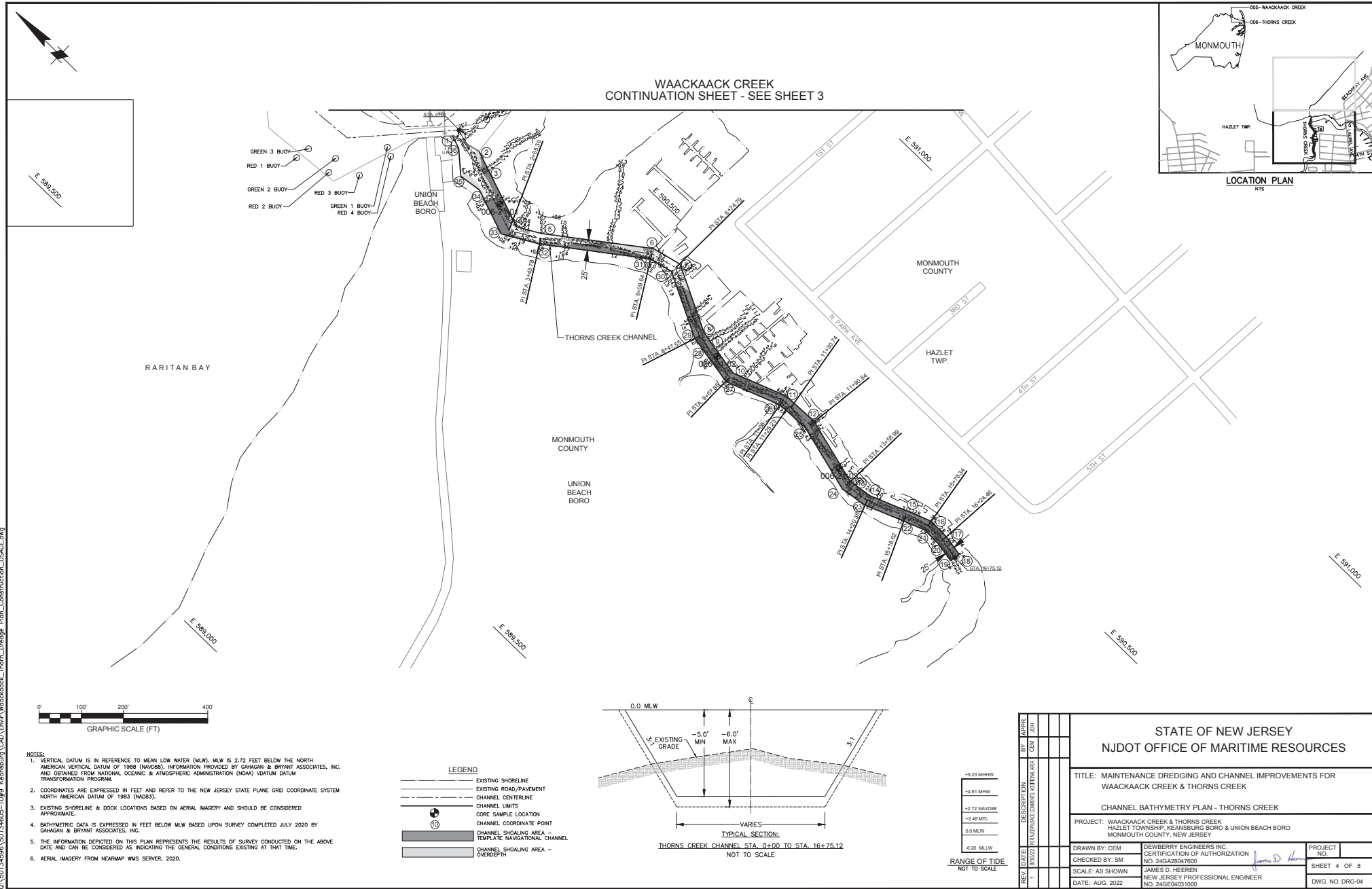
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STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES			
TITLE: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR WAACKAACK CREEK & THORNS CREEK			
CHANNEL ARRANGEMENT & GEOMETRY PLAN - THORNS CREEK			
PROJECT: WAACKAACK CREEK & THORNS CREEK HAZLET TOWNSHIP, KEANSBURG BORO & UNION BEACH BORO MONMOUTH COUNTY, NEW JERSEY			
DRAWN BY: CEM	DEWBERRY ENGINEERS INC.	Digitally signed by James D Heeren Date: 2022.08.30 14:33:38 -0400	PROJECT NO.
CHECKED BY: SM	NO. 24GA28047600		SHEET 2 OF 8
SCALE: AS SHOWN	NEW JERSEY PROFESSIONAL ENGINEER		DWG. NO. DRG-02
DATE: AUG. 2022	NO. 24GED031000		

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WAACKAACK CREEK CHANNEL COORDINATES		
POINT	NORTHING	EASTING
1	588330.83	591569.91
2	588280.67	591532.66
3	588243.66	591458.95
4	588258.96	591311.84
5	588531.06	591079.73
6	588639.90	590906.33
7	588654.89	590797.09
8	588612.10	590620.78
9	588578.69	590284.67
10	588650.28	590267.48
11	588708.87	590201.96
12	588776.77	589993.68
13	588974.29	589977.50
14	589029.20	590024.07
15	590182.35	589934.62
16	590190.09	590034.32
16A	589169.50	590113.48
17	589111.99	590230.96
18	588991.72	590175.55
19	588845.97	590186.87
20	588742.82	590197.13
21	588632.51	590320.48
22	588661.53	590612.36
23	588705.73	590794.51
24	588687.99	590923.80
25	588569.35	591112.81
26	588306.62	591336.93
27	588294.90	591449.59
28	588320.02	591499.60
29	588360.64	591529.76

WAACKAACK CREEK CHANNEL CENTERLINE COORDINATES		
STATION	NORTHING	EASTING
0+00	588345.73	591549.84
0+56.53	588300.35	591516.13
1+25.75	588269.28	591454.27
2+56.30	588282.77	591324.42
6+07.83	588550.21	591096.28
8+21.78	588663.96	590915.07
9+42.17	588680.32	590795.80
11+24.87	588636.98	590618.31
14+12.73	588608.50	590331.86
17+37.08	588824.71	590090.09
31+02.68	590186.22	589984.47

THORNS CREEK CHANNEL COORDINATES		
POINT	NORTHING	EASTING
1	588650.28	590267.48
2	588578.69	590284.67
3	588528.14	590266.86
4	588390.03	590218.19
5	588336.85	590248.01
6	588120.83	590407.63
7	588050.31	590424.78
8	587897.30	590348.19
9	587861.06	590340.84
10	587780.36	590327.09
11	587652.45	590375.62
12	587563.76	590378.74
13	587401.87	590336.05
14	587345.16	590344.48
15	587255.22	590380.52
16	587198.94	590402.12
17	587147.44	590400.89
18	587096.61	590392.05
19	587100.89	590367.42
20	587149.89	590375.94
21	587194.60	590377.01
22	587246.10	590357.25
23	587338.58	590320.18
24	587403.27	590310.57
25	587566.57	590353.63
26	587647.44	590350.78
27	587777.83	590301.31
28	587865.76	590316.29
29	587905.52	590324.35
30	588053.30	590398.33
31	588110.03	590384.54
32	588323.25	590226.97
33	588405.09	590181.09
34	588514.33	590219.58
35	588568.57	590212.24
36	588618.09	590256.14

THORNS CREEK CHANNEL CENTERLINE COORDINATES		
STATION	NORTHING	EASTING
0+00	588647.9	590287.83
2+65.39	588397.56	590199.64
3+43.78	588329.24	590238.08
6+09.64	588115.42	590396.08
6+74.79	588052.18	590411.73
8+47.55	587897.69	590334.40
9+67.86	587779.10	590314.19
11+06.00	587649.94	590363.20
11+25.23	587630.72	590363.88
11+30.74	587625.22	590364.07
11+90.83	587565.16	590366.18
13+58.98	587402.57	590323.31
14+20.35	587341.86	590332.33
15+18.61	587250.66	590368.88
15+76.34	587196.76	590389.56
16+24.45	587148.7	590388.41
16+75.12	587098.75	590379.73

VOLUMES FOR BEACH PLACEMENT	
WAACKAACK CREEK CHANNEL	
DEPTH	STA. 15+76 TO 31+02.68
TEMPLATE (-5 MLW)	5,451 CY
OVERDEPTH (-6 MLW)	5,196 CY
TOTAL VOLUME	10,647 CY

VOLUMES TO CDF/GEOTUBE	
WAACKAACK CREEK CHANNEL & THORNS CREEK CHANNEL	
DEPTH	
TEMPLATE (-5 MLW)	10,536 CY
OVERDEPTH (-6 MLW)	6,087 CY
TOTAL VOLUME	16,623 CY

CHANNEL AREA		
WAACKAACK CREEK CHANNEL		
AREA	259,537 S.F.	5.68 A.C.
THORNS CREEK CHANNEL		
AREA	45,805	1.05 A.C.
TOTAL AREA	305,342 S.F.	6.73 A.C.

VOLUMES TO CDF/GEOTUBE	
WAACKAACK CREEK CHANNEL	
DEPTH	STA. 0+00 TO 15+76
TEMPLATE (-5 MLW)	6,918 CY
OVERDEPTH (-6 MLW)	3,529 CY
TOTAL VOLUME	10,447 CY

VOLUMES WAACKAACK CREEK TOTAL	
WAACKAACK CREEK CHANNEL	
DEPTH	STA. 0+00 TO 31+02.68
TEMPLATE (-5 MLW)	12,370 CY
OVERDEPTH (-6 MLW)	8,724 CY
TOTAL VOLUME	21,094 CY

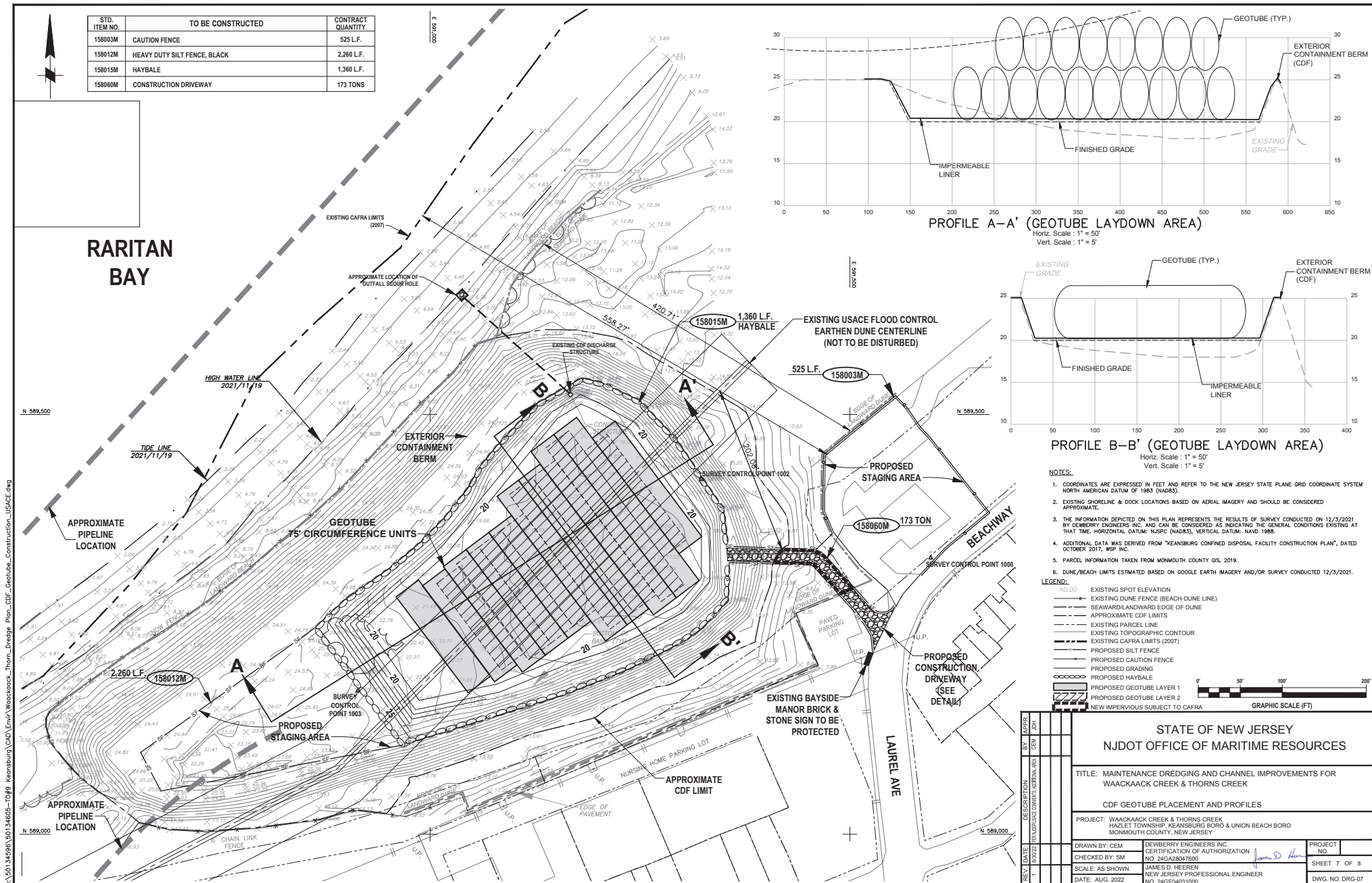
VOLUMES TO CDF/GEOTUBE	
THORNS CREEK CHANNEL	
DEPTH	STA. 0+00 TO 16+75.12
TEMPLATE (-5 MLW)	3,618 CY
OVERDEPTH (-6 MLW)	2,558 CY
TOTAL VOLUME	6,176 CY

TOTAL DREDGE VOLUMES	
WAACKAACK CREEK CHANNEL & THORNS CREEK CHANNEL	
DEPTH	
TEMPLATE (-5 MLW)	15,988 CY
OVERDEPTH (-6 MLW)	11,283 CY
TOTAL VOLUME	27,271 CY

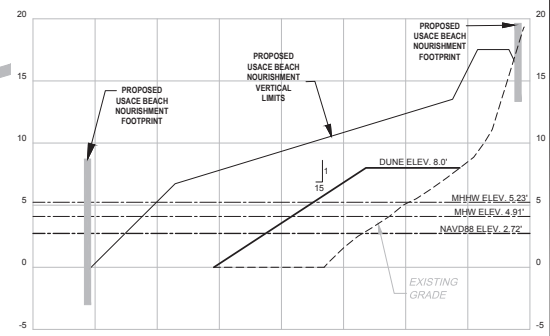
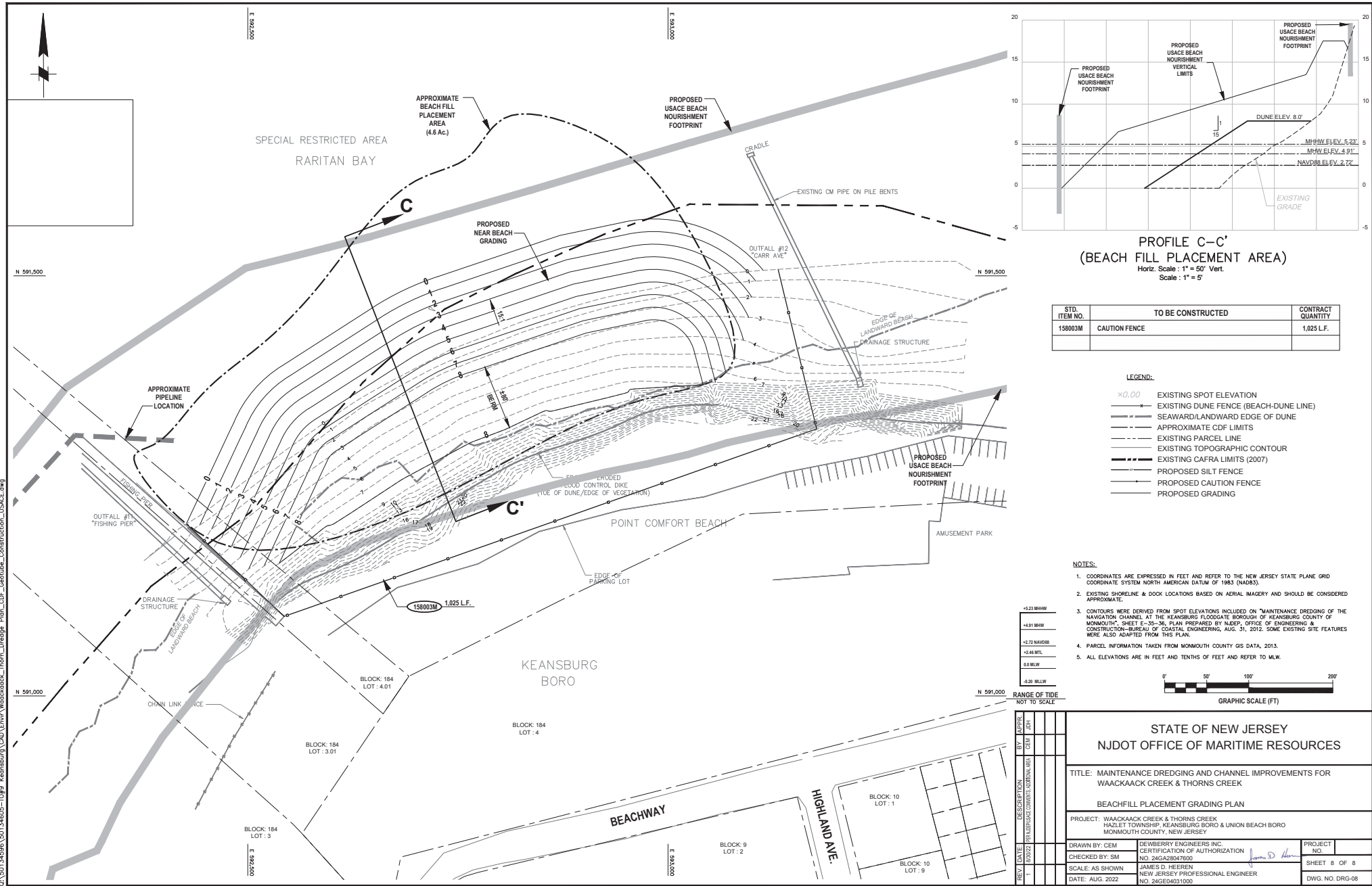
NOTES:
1. VOLUMES BASED UPON SURVEY COMPLETED JULY 2020 BY GAHAGAN & BRYANT ASSOCIATES, INC. (GBA).

REV	DATE	DESCRIPTION	BY	DATE	APPROVED
1	8/3/22	FINAL DREDGE VOLUMES (CY)	CEM		
STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES					
TITLE: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR WAACKAACK CREEK & THORNS CREEK					
CHANNEL ARRANGEMENT LAYOUT					
PROJECT: WAACKAACK CREEK & THORNS CREEK HAZLET TOWNSHIP, KEANSBURG BORO & UNION BEACH BORO MONMOUTH COUNTY, NEW JERSEY					
DRAWN BY: CEM		DEWBERRY ENGINEERS INC. CERTIFICATION OF AUTHORIZATION NO. 24GA28047600		PROJECT NO.	
CHECKED BY: SM		JAMES D. HEEREN NEW JERSEY PROFESSIONAL ENGINEER NO. 24GE04031000		SHEET 6 OF 8	
SCALE: AS SHOWN		DATE: AUG. 2022		DWG. NO. DRG-06	

USACE FILE: NAN-2022-00685-EMI



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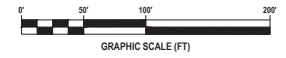
PROFILE C--C'
(BEACH FILL PLACEMENT AREA)
Horiz. Scale: 1" = 50' Vert.
Scale: 1" = 5'

STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
158003M	CAUTION FENCE	1,025 L.F.

- LEGEND:**
- ×0.00 EXISTING SPOT ELEVATION
 - EXISTING DUNE FENCE (BEACH-DUNE LINE)
 - SEAWARD/LANDWARD EDGE OF DUNE
 - APPROXIMATE CDF LIMITS
 - EXISTING PARCEL LINE
 - EXISTING TOPOGRAPHIC CONTOUR
 - EXISTING CAFRA LIMITS (2007)
 - PROPOSED SILT FENCE
 - PROPOSED CAUTION FENCE
 - PROPOSED GRADING

- NOTES:**
- COORDINATES ARE EXPRESSED IN FEET AND REFER TO THE NEW JERSEY STATE PLANE GRID COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 (NAD83).
 - EXISTING SHORELINE & DOCK LOCATIONS BASED ON AERIAL IMAGERY AND SHOULD BE CONSIDERED APPROXIMATE.
 - CONTOURS WERE DERIVED FROM SPOT ELEVATIONS INCLUDED ON "MAINTENANCE DREDGING OF THE NAVIGATION CHANNEL AT THE KEANSBURG FLOODGATE BOROUGH OF KEANSBURG COUNTY OF MONMOUTH", SHEET E-35-36, PLAN PREPARED BY NADEP, OFFICE OF ENGINEERING & CONSTRUCTION-BUREAU OF COASTAL ENGINEERING, AUG. 31, 2012. SOME EXISTING SITE FEATURES WERE ALSO ADAPTED FROM THIS PLAN.
 - PARCEL INFORMATION TAKEN FROM MONMOUTH COUNTY GIS DATA, 2013.
 - ALL ELEVATIONS ARE IN FEET AND TENTHS OF FEET AND REFER TO M.W.

+5.23 MHHW
+4.91 MHW
+3.72 NAVD83
+2.46 MTL
0.0 MLLW
-0.20 MLLW



STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES	
TITLE: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR WAACKAACK CREEK & THORNS CREEK BEACHFILL PLACEMENT GRADING PLAN	
PROJECT: WAACKAACK CREEK & THORNS CREEK HAZLET TOWNSHIP, KEANSBURG BORO & UNION BEACH BORO MONMOUTH COUNTY, NEW JERSEY	
DRAWN BY: CEM CHECKED BY: SM SCALE: AS SHOWN DATE: AUG. 2022	DEWBERRY ENGINEERS INC. CERTIFICATION OF AUTHORIZATION NO. 24GA28047600 JAMES D. HEEREN NEW JERSEY PROFESSIONAL ENGINEER NO. 24GE04031000
PROJECT NO. SHEET 8 OF 8 DWG. NO. DRG-08	APPROVED DATE BY DATE DESCRIPTION REVISION