



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-2018-01549-EHA
Issue Date: June 4, 2020
Expiration Date: July 6, 2020

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: Town of Brookhaven
Department of Parks, Recreation and Sports
Attn: Ed Morris
286 Hawkins Road
Centereach, New York 11720

ACTIVITY: Dredging with ten-years maintenance and sand beach placement.

WATERWAY: Mount Sinai Harbor Inlet

LOCATION: Town of Brookhaven, Suffolk 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 of the proposed activity.

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.

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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 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 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 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 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 occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and

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Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, 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) 790-8523 and ask for Naomi Handell.

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 applicant, Town of Brookhaven, Department of Parks, Recreation and Sports, has requested Department of the Army authorization for dredging with ten-years maintenance and sand beach placement in Mount Sinai Harbor Inlet, Town of Brookhaven, Suffolk County, New York.

The work would involve:

Dredging with ten-years maintenance, via hydraulic dredge and land based excavator with return flow to the waterway, of approximately 60,000 cubic yard of 22.5% gravel and 76.5% sand from an approximately 370-foot to 490-foot wide by approximately 1,490-foot long area, to a depth of 15-feet below the plane of mean low water (dredging to a 14-foot depth plus a 1-foot overcut). Approximately 15,025 cubic yards of dredged material would be placed waterward of the Spring High Water Line [total 116,225 square feet] and 44,975 cubic yards of dredged material would be placed landward of the Spring High Water Line [total 425,200 square feet].

Place the dredged material in the following locations:

Area 1: Place approximately 24,000 cubic yards of dredged material west of the west jetty, over an approximately 174,000 square foot area along the Long Island Sound shoreline, with placement of approximately 14,700 cubic yards of dredged material over an 111,000 square foot area waterward of the Spring High Water Line. Approximately 9,300 cubic yards of dredged material would be placed over an approximately 63,000 square foot area landward of the Spring High Water Line

Area 2: Place approximately 35,500 cubic yards of dredged material east of the east jetty, over an approximately 360,000 square foot area along the Long Island Sound shoreline, all material would be placed landward of the Spring High Water Line.

Area 3: Place approximately 500 cubic yards of dredged material southeast of the east jetty, over an approximately 7,425 square foot area along the Mount Sinai Harbor shoreline, with placement of approximately 325 cubic yards of material placed over a 5,225 square foot area waterward of the Spring High Water Line. Approximately 175 cubic yards of dredged material would be placed over an approximately 2,200 square foot area landward of the Spring High Water Line.

One future dredging event is proposed over the requested 10-year period. The volume of material to be dredged would be 30,000 cubic yards, with the same dredging methods and placement locations.

The applicant has stated that they have avoided, minimized, and mitigated for impacts proposed to the maximum extent practicable by: placing the dredged material in eroded areas for the purpose of beach nourishment.

The stated purpose of this project is safe navigation and beach nourishment.

DREDGE PLAN

FOR

MOUNT SINAI INLET DREDGING

AT

MOUNT SINAI

SUFFOLK COUNTY, NEW YORK

SHEET INDEX:

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9 OF 12	WPP-110	SECTION D-D
10 OF 12	WPP-111	SECTION E-E
11 OF 12	WPP-112	SECTION F-F
12 OF 12	WPP-113	SECTION G-G

APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTEREACH, NY 11720
PHONE # 631-451-6101

WETLAND PERMIT PLANS

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE	REVISIONS	BY

COVER SHEET
FOR
MOUNT SINAI INLET DREDGING
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01,
DIST. 206 SECT. 02 BLOCK 01 LOT 01

PROJECT NO.: 93147

DRAWN BY: CCV

CHECKED BY: SNK / JP

DATE: 9-20-19

SCALE: N/A

FILE NO.: 2019-WPP-001

CADD: 10-UNLOADED AERIALS

N&P

NELSON & POPE
ENGINEERS & SURVEYORS
572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747
PHONE (631) 427-5665 FAX (631) 427-5620
WWW.NELSONPOPE.COM

DRAWING NO.: WPP-101

SHEET NO.: 1 OF 12

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN 8-22-19.

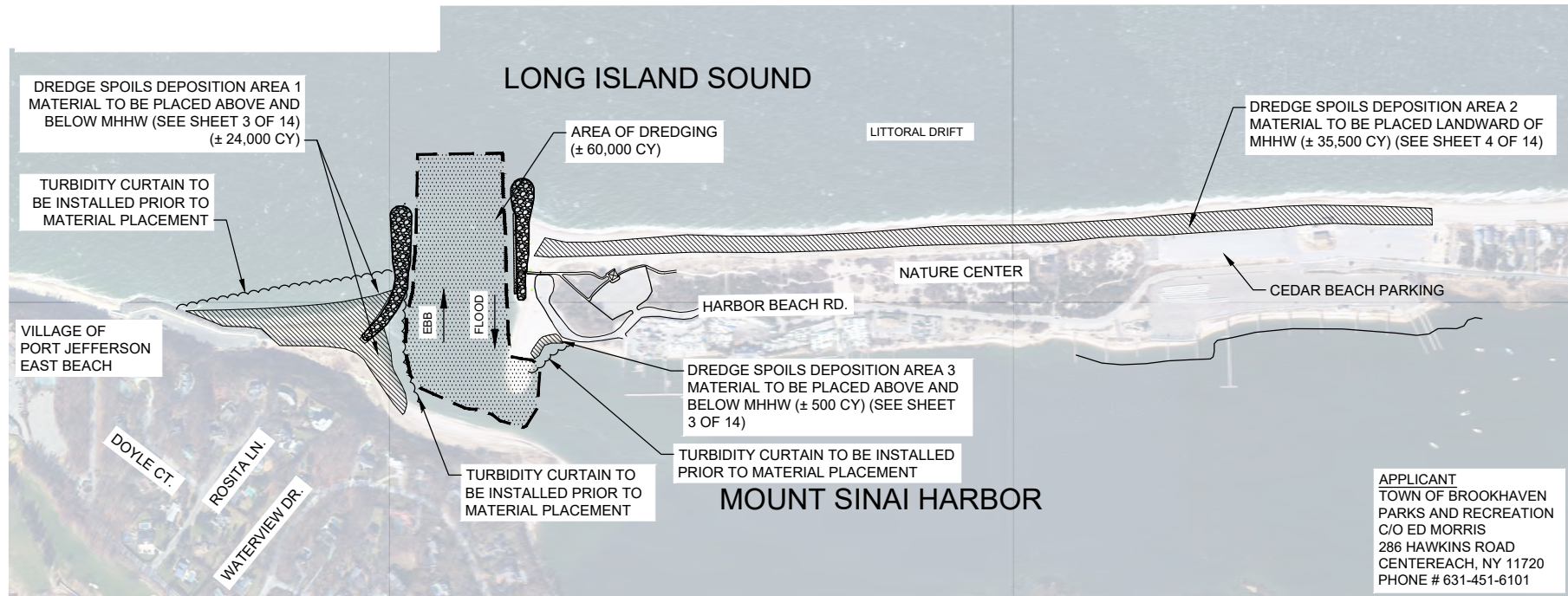
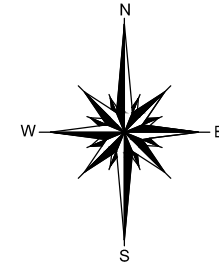
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, PROFESSIONAL ENGINEERING AND LAND SURVEYING, SECTION 7209 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND SPECIFIC DESCRIPTION OF THE ALTERATION.

CONSTRUCTION NOTES:

- 1) WORK WILL BE PERFORMED BOTH BY LAND AND BARGE UTILIZING HYDRAULIC DREDGING, ON AND OFF-ROAD TRUCKING, EXCAVATORS, BULL DOZERS AND FRONT END LOADERS.
- 2) NO PLACEMENT OF DREDGE SPOILS BELOW MHHW TO TAKE PLACE UNTIL TURBIDITY CURTAIN IS INSTALLED.
- 3) STORAGE OF MATERIALS, VEHICLES AND EQUIPMENT SHALL NOT BE IN AREAS BELOW THE MHHW.
- 4) WORK BARGE TO BE MOORED WITHIN MOUNT SINAI HARBOR AT THE END OF EACH DAY.

TIDAL DATA

MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTERREACH, NY 11720
PHONE # 631-451-6101

NOTE:

- 1) OWNER AND LOT INFORMATION SHOWN ON PARTIAL PLANS.

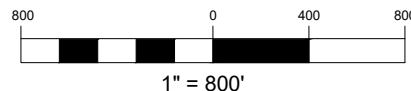
WETLAND PERMIT PLANS

ELEVATIONS REFER TO MLWL.

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GRAPHIC SCALE

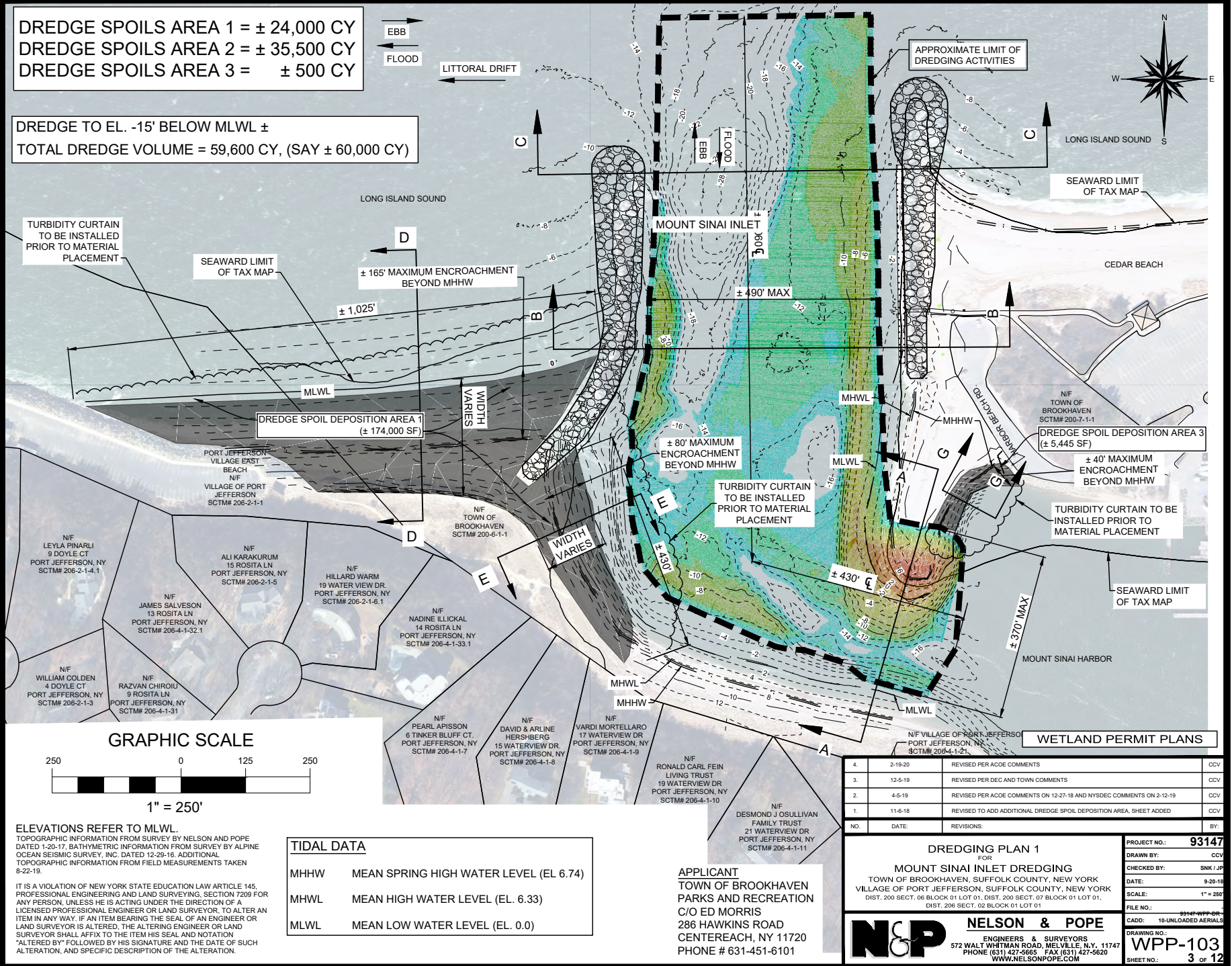


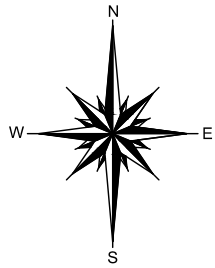
4.	2-19-20	REVISED PER ACCE COMMENTS	CC
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CC
2.	4-5-19	REVISED PER ACCE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CC
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CC
NO.	DATE:	REVISIONS:	BY:

DREDGE ACTIVITY PLAN FOR MOUNT SINAI INLET DREDGING TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		PROJECT NO.: 93147 DRAWN BY: CHECKED BY: SNK / JP DATE: 9-20 SCALE: 1" = 800' FILE NO.: CADD: 93147-WPP-DR - 15
N&P NELSON & POPE ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-6665 FAX (631) 427-9620 WWW.NELSONPOPE.COM		DRAWING NO.: WPP-102 SHEET NO.: 2 of 12

DREDGE SPOILS AREA 1 = $\pm 24,000$ CY
DREDGE SPOILS AREA 2 = $\pm 35,500$ CY
DREDGE SPOILS AREA 3 = ± 500 CY

DREDGE TO EL. -15' BELOW MLWL \pm
TOTAL DREDGE VOLUME = 59,600 CY, (SAY $\pm 60,000$ CY)



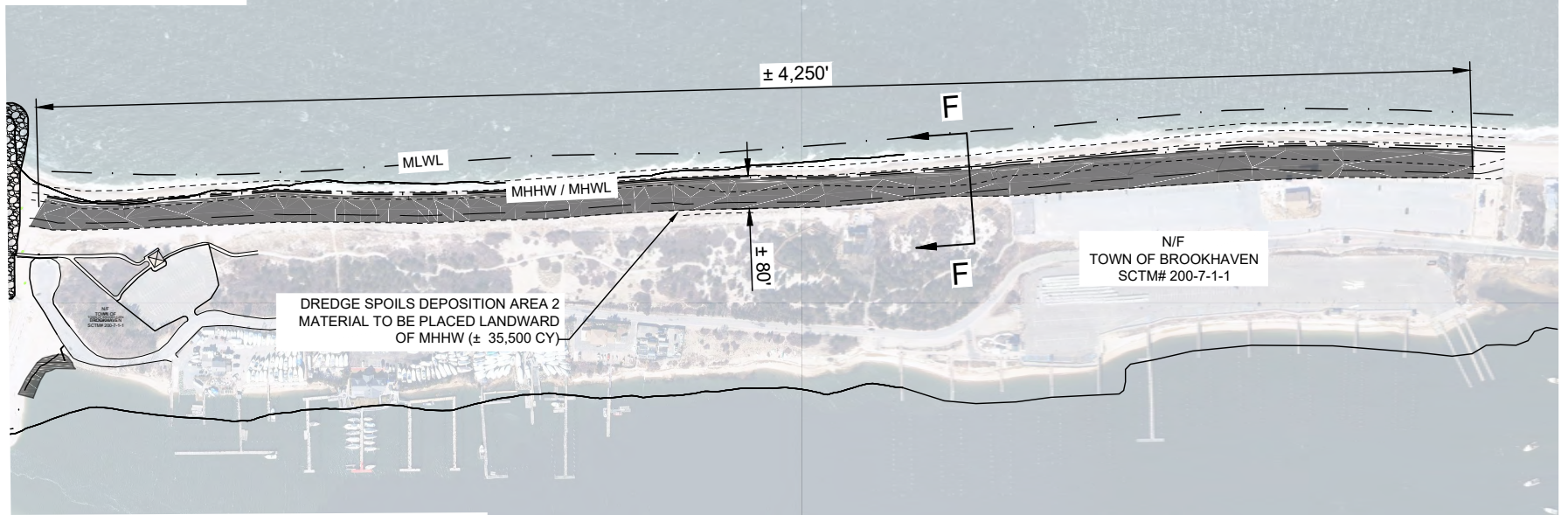


EBB
FLOOD

LITTORAL DRIFT

LONG ISLAND SOUND

DREDGE SPOILS AREA 1 = $\pm 24,000$ CY
DREDGE SPOILS AREA 2 = $\pm 35,500$ CY
DREDGE SPOILS AREA 3 = ± 500 CY



MOUNT SINAI HARBOR

TIDAL DATA

MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)

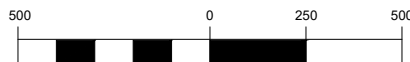
WETLAND PERMIT PLANS

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GRAPHIC SCALE











1" = 500'

APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTEREACH, NY 11720
PHONE # 631-451-6101

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
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NO.	DATE	REVISIONS	BY


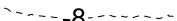
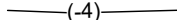
DREDGING PLAN 2		PROJECT NO.: 93147
FOR MOUNT SINAI INLET DREDGING		DRAWN BY: CCV
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK		CHECKED BY: SNK / JP
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK		DATE: 9-20-19
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		SCALE: 1" = 500'
N&P NELSON & POPE		FILE NO.: 2019-WPP-002
ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		CADD: 10-UNLOADED AERIALS
		DRAWING NO.: WPP-104
		SHEET NO.: 4 OF 12

DREDGE DEPTH TABLE		
CUT DEPTH		Color
-25.00	-20.00	
-20.00	-15.00	
-15.00	-12.00	
-12.00	-9.00	
-9.00	-6.00	
-6.00	-4.00	
-4.00	-2.00	
-2.00	0.00	

DREDGE TO EL. \pm -15' BELOW MLWL
 TOTAL DREDGE VOLUME = 59,600 CY, (SAY \pm 60,000 CY)

DREDGE AREA LANDWARD OF MHHW = \pm 7,400 SF
 DREDGE AREA SEAWARD OF MHHW = \pm 400,000 SF

LEGEND

-  -10~ EXISTING MAJOR CONTOUR
-  -8~ EXISTING MINOR CONTOUR
-  (-4) PROPOSED CONTOUR

TIDAL DATA

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 MHWL MEAN HIGH WATER LEVEL (EL. 6.33)
 MLWL MEAN LOW WATER LEVEL (EL. 0.0)

WETLAND PERMIT PLANS

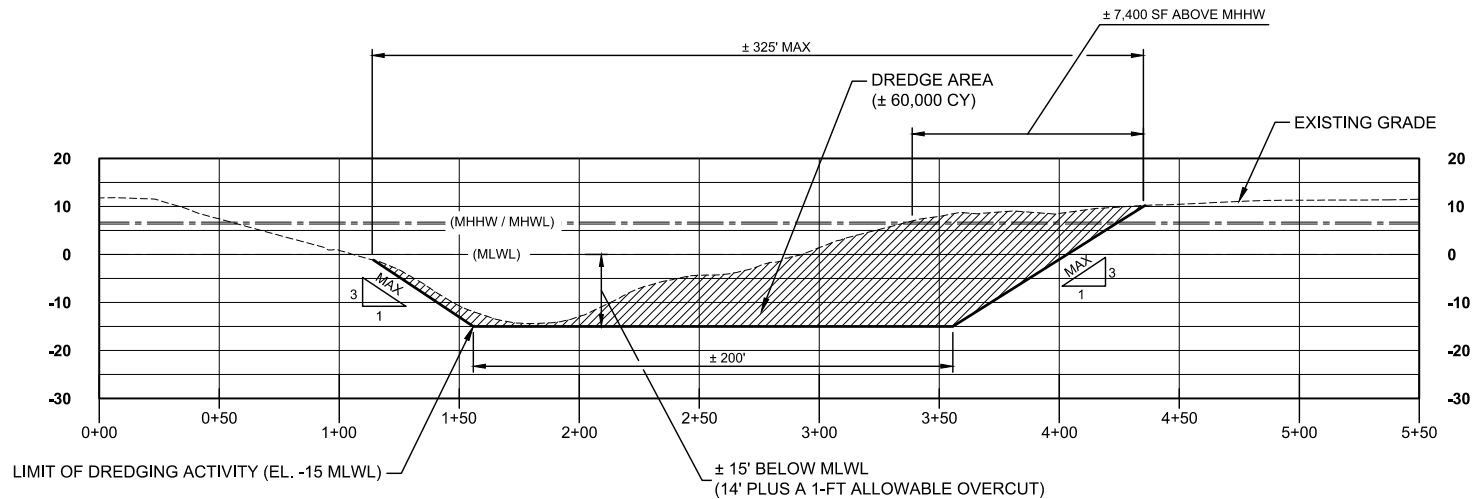
4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
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NO.	DATE:	REVISIONS:	BY:

LEGEND FOR MOUNT SINAI INLET DREDGING TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		PROJECT NO.: 93147 DRAWN BY: CCV CHECKED BY: SNK / JP DATE: 9-20-19 SCALE: N/A FILE NO.: 19-UNLOADED AERIALS
N&P NELSON & POPE ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		DRAWING NO.: WPP-105 SHEET NO.: 5 OF 12

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE
 DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE
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APPLICANT
 TOWN OF BROOKHAVEN
 PARKS AND RECREATION
 C/O ED MORRIS
 286 HAWKINS ROAD
 CENTEREACH, NY 11720
 PHONE # 631-451-6101



SECTION A-A

HORZ SCALE: 1" = 80'

VERT SCALE: 1" = 40'

DREDGE TO EL. -15' BELOW MLWL ±
TOTAL DREDGE VOLUME = 59,600 CY, (SAY ± 60,000 CY)

DREDGE AREA LANDWARD OF MHHW = ± 7,400 SF
DREDGE AREA SEAWARD OF MHHW = ± 400,000 SF

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TOWN OF BROOKHAVEN
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PHONE # 631-451-6101

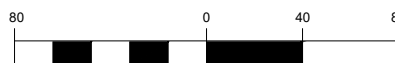
WETLAND PERMIT PLANS

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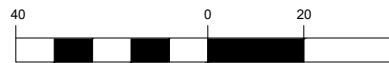
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GRAPHIC SCALE



1" = 80'

GRAPHIC SCALE



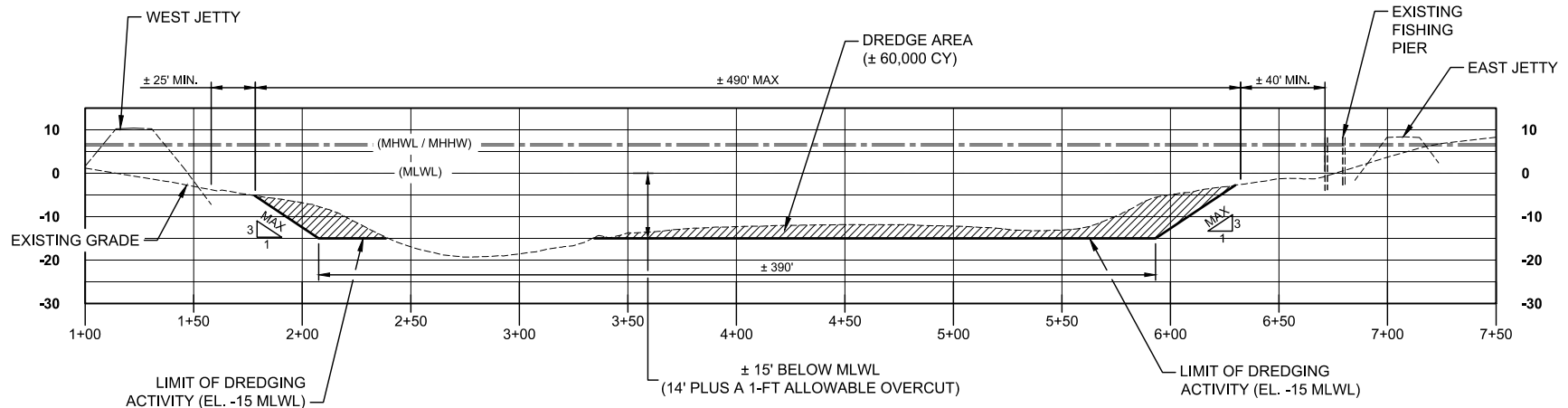
1" = 40'

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE:	REVISIONS:	BY:

SECTION A-A PROFILE		PROJECT NO.: 93147
MOUNT SINAI INLET DREDGING		DRAWN BY: CCV
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK		CHECKED BY: SNK / JP
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK		DATE: 9-20-19
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		SCALE: AS NOTED
FILE NO.: 2019-WPP-002		CADD: 19-UNLOADED AERIALS
NELSON & POPE ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		DRAWING NO.: WPP-106 SHEET NO.: 6 OF 12

TIDAL DATA

MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



SECTION B-B

HORZ SCALE: 1" = 80'

VERT SCALE: 1" = 40'

DREDGE TO EL. ± -15' BELOW MLWL

TOTAL DREDGE VOLUME = 59,600 CY, (SAY ± 60,000 CY)

APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTEREACH, NY 11720
PHONE # 631-451-6101

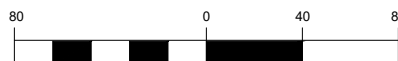
WETLAND PERMIT PLANS

ELEVATIONS REFER TO MLWL.

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN 8-22-19.

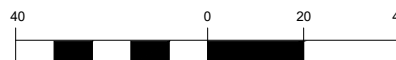
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, PROFESSIONAL ENGINEERING AND LAND SURVEYING, SECTION 7209 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND SPECIFIC DESCRIPTION OF THE ALTERATION.

GRAPHIC SCALE



1" = 80'

GRAPHIC SCALE



1" = 40'

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE:	REVISIONS:	BY:

SECTION B-B

FOR
MOUNT SINAI INLET DREDGING
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01,
DIST. 206 SECT. 02 BLOCK 01 LOT 01

N&P NELSON & POPE
ENGINEERS & SURVEYORS
572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747
PHONE (631) 427-5665 FAX (631) 427-5620
WWW.NELSONPOPE.COM

PROJECT NO.: **93147**

DRAWN BY: CCV

CHECKED BY: SNK / JP

DATE: 9-20-19

SCALE: AS NOTED

FILE NO.: 2018-WPP-082

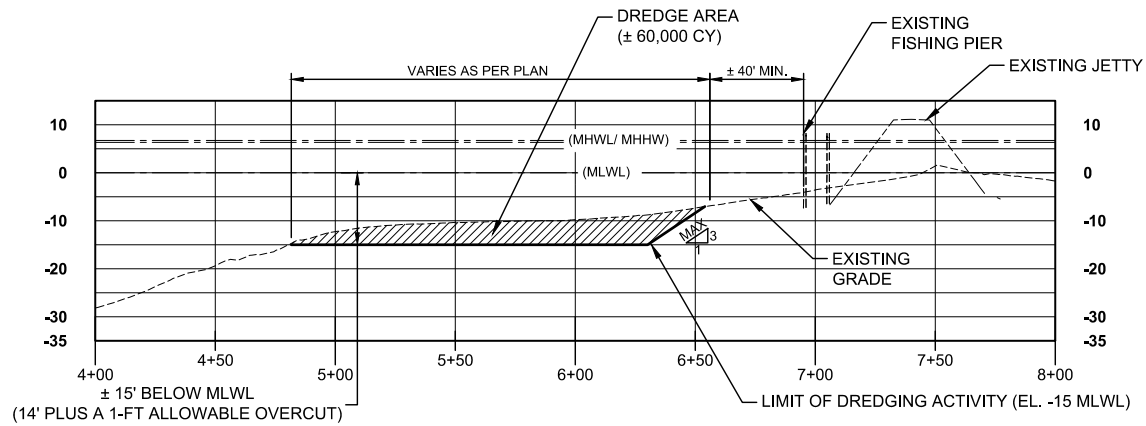
CADD: 10-UNLOADED AERIALS

DRAWING NO.: **WPP-107**

SHEET NO.: 7 OF 12

TIDAL DATA

MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



SECTION C-C

HORZ SCALE: 1" = 80'

VERT SCALE: 1" = 40'

DREDGE TO EL. ± -15' BELOW MLWL
TOTAL DREDGE VOLUME = 59,600 CY, (SAY ± 60,000 CY)

APPLICANT
 TOWN OF BROOKHAVEN
 PARKS AND RECREATION
 C/O ED MORRIS
 286 HAWKINS ROAD
 CENTEREACH, NY 11720
 PHONE # 631-451-6101

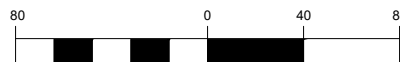
WETLAND PERMIT PLANS

ELEVATIONS REFER TO MLWL.

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE
 DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE
 OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL
 TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN
 8-22-19.

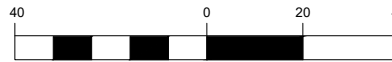
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145,
 PROFESSIONAL ENGINEERING AND LAND SURVEYING, SECTION 7209 FOR
 ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A
 LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN
 ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR
 LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND
 SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION
 "ALTERED BY:" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH
 ALTERATION, AND SPECIFIC DESCRIPTION OF THE ALTERATION.

GRAPHIC SCALE



1" = 80'

GRAPHIC SCALE



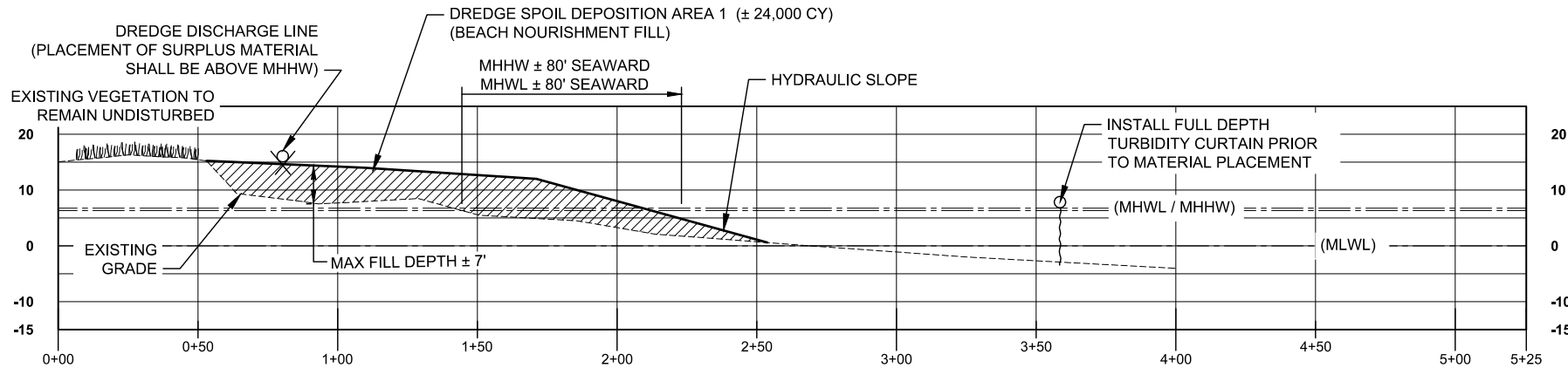
1" = 40'

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE:	REVISIONS:	BY:

SECTION C-C		PROJECT NO.: 93147
FOR		DRAWN BY: CCV
MOUNT SINAI INLET DREDGING		CHECKED BY: SNK / JP
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK		DATE: 9-20-19
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK		SCALE: AS NOTED
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		FILE NO.: 2019-WPP-002
N&P NELSON & POPE		CADD: 10-UNLOADED AERIALS
ENGINEERS & SURVEYORS 572 WALY WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		DRAWING NO.: WPP-108
		SHEET NO.: 8 OF 12

TIDAL DATA

MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



DREDGE SPOILS AREA 1 = ± 24,000 CY
 DREDGE SPOILS AREA 2 = ± 35,500 CY
 DREDGE SPOILS AREA 3 = ± 500 CY

SECTION D-D

HORZ SCALE: 1" = 60'
 VERT SCALE: 1" = 30'

NOTE: THE WIDTH OF DREDGE SPOILS DEPOSITION AREA 1 IS VARIABLE. FILL SHALL CONFORM TO THE EXISTING AVERAGE BEACH FRONT.

DREDGE SPOILS DEPOSITION AREA 1

DREDGE SPOILS AREA LANDWARD OF MHHW = ± 63,000 SF
 DREDGE SPOILS VOLUME ABOVE MHHW = ± 9,300 CY
 DREDGE SPOILS AREA SEAWARD OF MHHW = ± 111,000 SF
 DREDGE SPOILS VOLUME BELOW MHHW = ± 14,700 CY

APPLICANT
 TOWN OF BROOKHAVEN
 PARKS AND RECREATION
 C/O ED MORRIS
 286 HAWKINS ROAD
 CENTEREACH, NY 11720
 PHONE # 631-451-6101

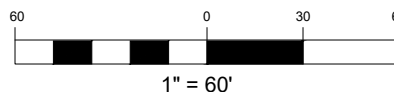
WETLAND PERMIT PLANS

ELEVATIONS REFER TO MLWL.

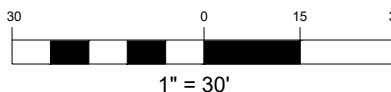
TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN 8-22-19.

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GRAPHIC SCALE



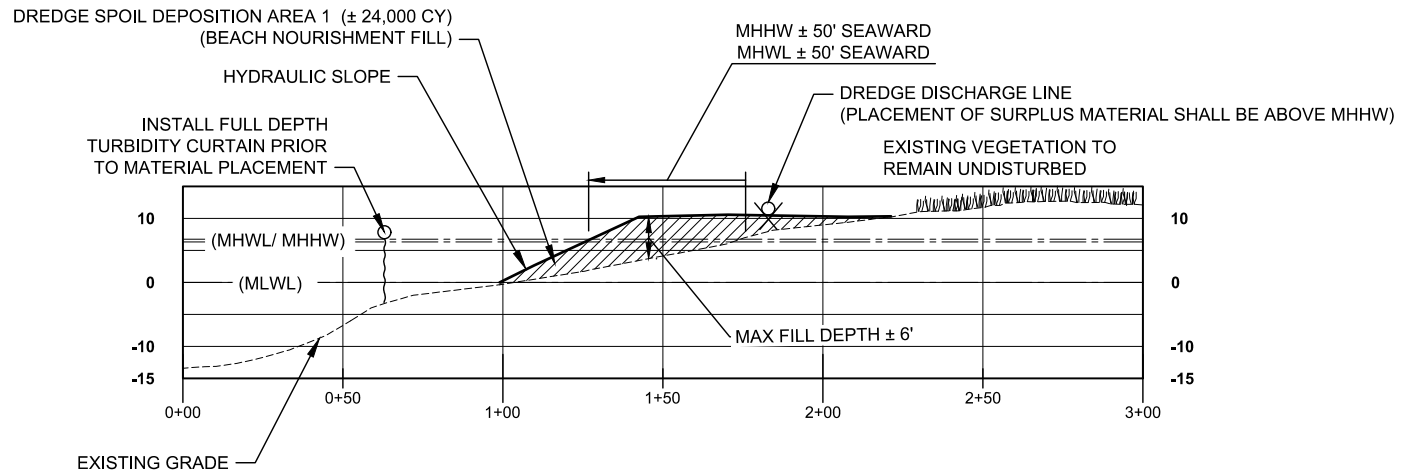
GRAPHIC SCALE



4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE:	REVISIONS:	BY:

SECTION D-D		PROJECT NO.: 93147
MOUNT SINAI INLET DREDGING		DRAWN BY: CCV
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK		CHECKED BY: SNK / JP
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK		DATE: 9-20-19
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		SCALE: AS NOTED
N&P NELSON & POPE		FILE NO.: 2019-WPP-093
ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		CADD: 10-UNLOADED AERIALS
DRAWING NO.: WPP-109		SHEET NO.: 9 OF 12

TIDAL DATA	
MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



DREDGE SPOILS AREA 1 = ± 24,000 CY
 DREDGE SPOILS AREA 2 = ± 35,500 CY
 DREDGE SPOILS AREA 3 = ± 500 CY

SECTION E-E

HORZ SCALE: 1" = 60'
 VERT SCALE: 1" = 30'

NOTE: THE WIDTH OF DREDGE SPOILS DEPOSITION AREA 1 IS VARIABLE. FILL SHALL CONFORM TO THE EXISTING AVERAGE BEACH FRONT.

DREDGE SPOILS DEPOSITION AREA 1

DREDGE SPOILS AREA LANDWARD OF MHHW = ± 63,000 SF
 DREDGE SPOILS VOLUME ABOVE MHHW = ± 9,300 CY
 DREDGE SPOILS AREA SEAWARD OF MHHW = ± 111,000 SF
 DREDGE SPOILS VOLUME BELOW MHHW = ± 14,700 CY

APPLICANT
 TOWN OF BROOKHAVEN
 PARKS AND RECREATION
 C/O ED MORRIS
 286 HAWKINS ROAD
 CENTEREACH, NY 11720
 PHONE # 631-451-6101

WETLAND PERMIT PLANS

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE:	REVISIONS:	BY:

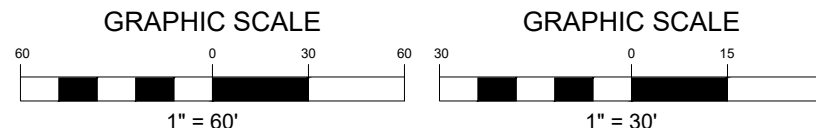
PROJECT NO.:	93147
DRAWN BY:	CCV
CHECKED BY:	SNK / JP
DATE:	9-20-19
SCALE:	AS NOTED
FILE NO.:	2019-WPP-002
CADD:	10-UNLOADED AERIALS
DRAWING NO.:	WPP-110
SHEET NO.:	10 OF 12

SECTION E-E
 FOR
MOUNT SINAI INLET DREDGING
 TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK
 VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK
 DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01,
 DIST. 206 SECT. 02 BLOCK 01 LOT 01

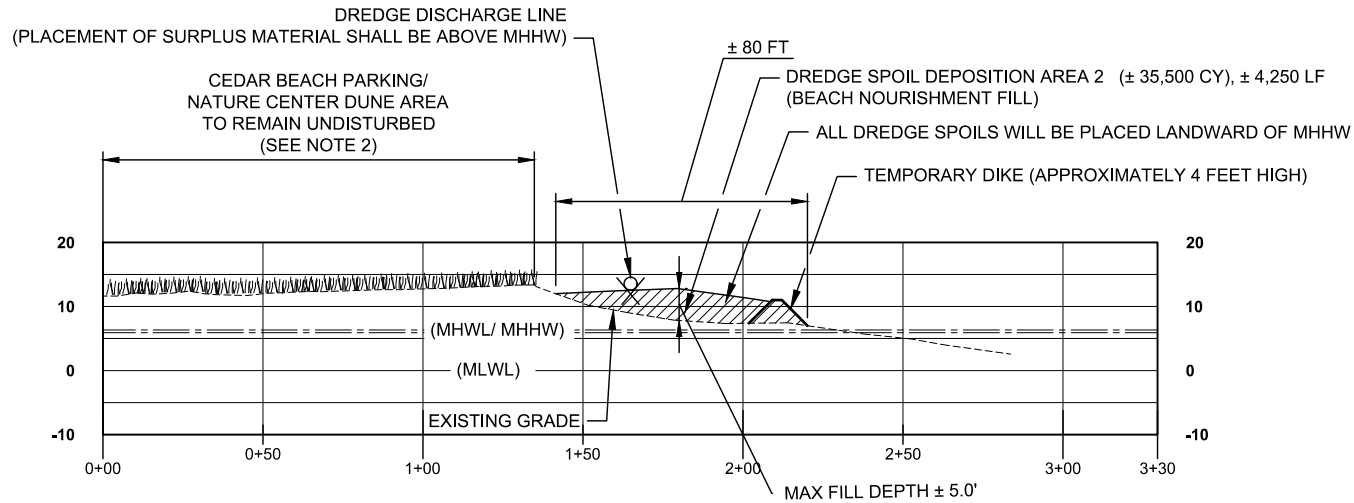
N&P NELSON & POPE
 ENGINEERS & SURVEYORS
 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747
 PHONE (631) 427-5665 FAX (631) 427-5620
 WWW.NELSONPOPE.COM

ELEVATIONS REFER TO MLWL.
 TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE
 DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE
 OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL
 TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN
 8-22-19.

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 LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND
 SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION
 "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH
 ALTERATION, AND SPECIFIC DESCRIPTION OF THE ALTERATION.



TIDAL DATA	
MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



SECTION F-F

HORZ SCALE: 1" = 60'
VERT SCALE: 1" = 30'

DREDGE SPOILS AREA 1 = ± 24,000 CY
DREDGE SPOILS AREA 2 = ± 35,500 CY
DREDGE SPOILS AREA 3 = ± 500 CY

NOTES:

- 1) FILL SHALL CONFORM TO THE EXISTING AVERAGE BEACH FRONT.
- 2) THERE SHALL BE NO PLACEMENT OF MATERIAL IN AREA OF VEGETATION.

APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTEREACH, NY 11720
PHONE # 631-451-6101

WETLAND PERMIT PLANS

DREDGE SPOILS DEPOSITION AREA 2

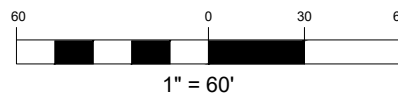
DREDGE SPOILS AREA LANDWARD OF MHHW = ± 360,000 SF

ELEVATIONS REFER TO MLWL.

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN 8-22-19.

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, PROFESSIONAL ENGINEERING AND LAND SURVEYING, SECTION 7209 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND SPECIFIC DESCRIPTION OF THE ALTERATION.

GRAPHIC SCALE



1" = 60'

GRAPHIC SCALE

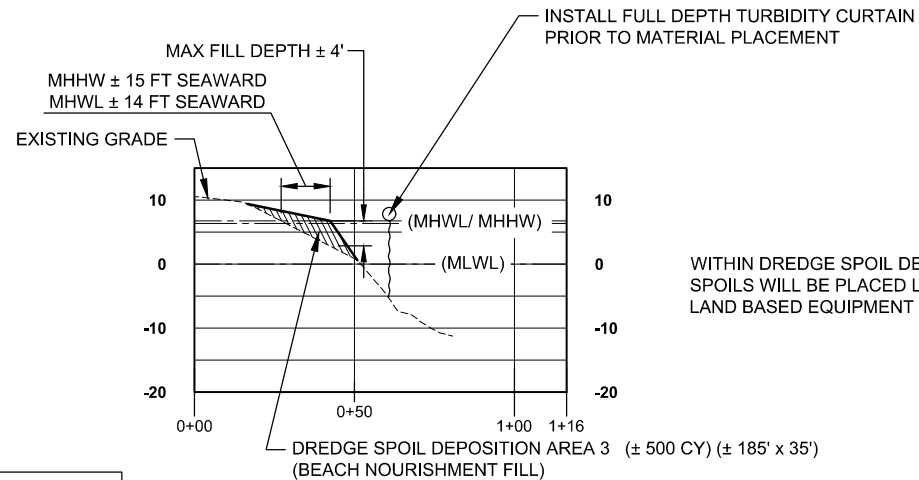


1" = 30'

4.	2-19-20	REVISED PER ACOE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACOE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE	REVISIONS	BY

SECTION F-F		PROJECT NO.: 93147
MOUNT SINAI INLET DREDGING		DRAWN BY: CCV
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK		CHECKED BY: SNK / JP
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK		DATE: 9-20-19
DIST. 200 SECT. 06 BLOCK 01 LOT 01, DIST. 200 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01		SCALE: AS NOTED
FILE NO.: 19-UNLOADED AERIALS		CADD: 19-UNLOADED AERIALS
NELSON & POPE ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747 PHONE (631) 427-5665 FAX (631) 427-5620 WWW.NELSONPOPE.COM		DRAWING NO.: WPP-111 SHEET NO.: 11 OF 12

TIDAL DATA	
MHHW	MEAN SPRING HIGH WATER LEVEL (EL. 6.74)
MHWL	MEAN HIGH WATER LEVEL (EL. 6.33)
MLWL	MEAN LOW WATER LEVEL (EL. 0.0)



DREDGE SPOILS AREA 1 = ± 24,000 CY
DREDGE SPOILS AREA 2 = ± 35,500 CY
DREDGE SPOILS AREA 3 = ± 500 CY

SECTION G-G

HORZ SCALE: 1" = 60'
VERT SCALE: 1" = 30'

DREDGE SPOILS DEPOSITION AREA 3

DREDGE SPOILS AREA LANDWARD OF MHHW = ± 2,200 SF
DREDGE SPOILS VOLUME ABOVE MHHW = ± 175 CY

DREDGE SPOILS AREA SEAWARD OF MHHW = ± 5,225 SF
DREDGE SPOILS VOLUME BELOW MHHW = ± 325 CY

APPLICANT
TOWN OF BROOKHAVEN
PARKS AND RECREATION
C/O ED MORRIS
286 HAWKINS ROAD
CENTEREACH, NY 11720
PHONE # 631-451-6101

WETLAND PERMIT PLANS

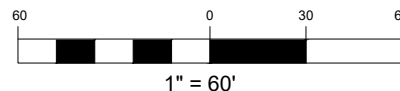
4.	2-19-20	REVISED PER ACCE COMMENTS	CCV
3.	12-5-19	REVISED PER DEC AND TOWN COMMENTS	CCV
2.	4-5-19	REVISED PER ACCE COMMENTS ON 12-27-18 AND NYSDEC COMMENTS ON 2-12-19	CCV
1.	11-6-18	REVISED TO ADD ADDITIONAL DREDGE SPOIL DEPOSITION AREA, SHEET ADDED	CCV
NO.	DATE	REVISIONS	BY
SECTION G-G			
MOUNT SINAI INLET DREDGING			
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK			
VILLAGE OF PORT JEFFERSON, SUFFOLK COUNTY, NEW YORK			
DIST. 206 SECT. 06 BLOCK 01 LOT 01, DIST. 206 SECT. 07 BLOCK 01 LOT 01, DIST. 206 SECT. 02 BLOCK 01 LOT 01			
PROJECT NO.:		93147	
DRAWN BY:		CCV	
CHECKED BY:		SNK / JP	
DATE:		9-20-19	
SCALE:		AS NOTED	
FILE NO.:		CADD: 93147-WPP-DR - 11	
DRAWING NO.:		WPP-112	
SHEET NO.:		12 OF 12	

ELEVATIONS REFER TO MLWL.

TOPOGRAPHIC INFORMATION FROM SURVEY BY NELSON AND POPE DATED 1-20-17, BATHYMETRIC INFORMATION FROM SURVEY BY ALPINE OCEAN SEISMIC SURVEY, INC. DATED 12-29-16, ADDITIONAL TOPOGRAPHIC INFORMATION FROM FIELD MEASUREMENTS TAKEN 8-22-19.

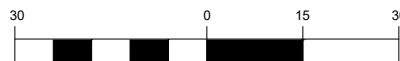
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GRAPHIC SCALE



1" = 60'

GRAPHIC SCALE



1" = 30'