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-2013-00163-EHA
Issue Date: July 22, 2013
Expiration Date: August 21, 2013

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: National Grid Generation, LLC
175 East Old Country Road
Hicksville, New York 11801

ACTIVITY: Dredging with ten years maintenance with sand beach nourishment

WATERWAY: Long Island Sound

LOCATION: Village of Asharoken, Town of Huntington, 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.

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 Waterfront Revitalization, Coastal Zone Management Program, 41 State Street, 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://per2.nwp.usace.army.mil/survey.html.

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

for
Jodi M. McDonald
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, National Grid Generation, LLC, has requested Department of the Army authorization for dredging with ten years maintenance with sand beach nourishment in Long Island Sound, Village of Asharoken, Town of Huntington, Suffolk County, New York.

The work would involve:

Dredging methods would include clamshell and hydraulic dredging and use of land based excavators.

Intake Channel:
Dredge approximately 30,000 cubic yards of sediment, comprised of sand and silty sand from an approximately 3,000 foot long by 150 foot to 300 foot section of the intake channel to various depths ranging from 10 to 25 feet below mean low water as shown on Sheet 3 of 6.

Discharge Channel:
Dredge approximately 16,000 cubic yards of sediment, comprised of sand and gravely sand from an approximately 1,000 foot long by 125 foot wide section of the intake channel to a depth of 2.5 feet below mean low water as shown on Sheet 2 and 2a of 6.

Sand Beach Nourishment:
The dredged material would be dewatered in a stockpile area as shown on Sheet 4 of 6. Place compatible beach-grain-sized sand obtained via dredging or from an upland source along an approximately one (1) mile section of beach located to the west of the intake channel, starting at a point at least 1,000 feet west of the Northport Power Plant's intake channel's West Jetty, for a total volume of approximately 45,000 cubic yards. Approximately 8.5 acres of shoreline waterward of the spring high water line would be impacted. Note, placement of clean upland, beach compatible sand is proposed to supplement the proposed volume dredged sand to be placed on the beach. The total volume of sand to be placed on the beach is approximately 45,000 cubic yards.

If a Department of the Army permit is issued, the applicant proposes at least three additional dredging events with removal of up to approximately 45,000 cubic yards of sediment per event with placement of dredged material and upland material along the beach to provide approximately 45,000 cubic yards of sand on the beach.

The applicant has stated that they have avoided, minimized, and mitigated for impacts to proposed to the maximum extent practicable by: including a no-work window to avoid adverse impacts to aquatic resources and using best management practices to minimize turbidity during the dewatering process.

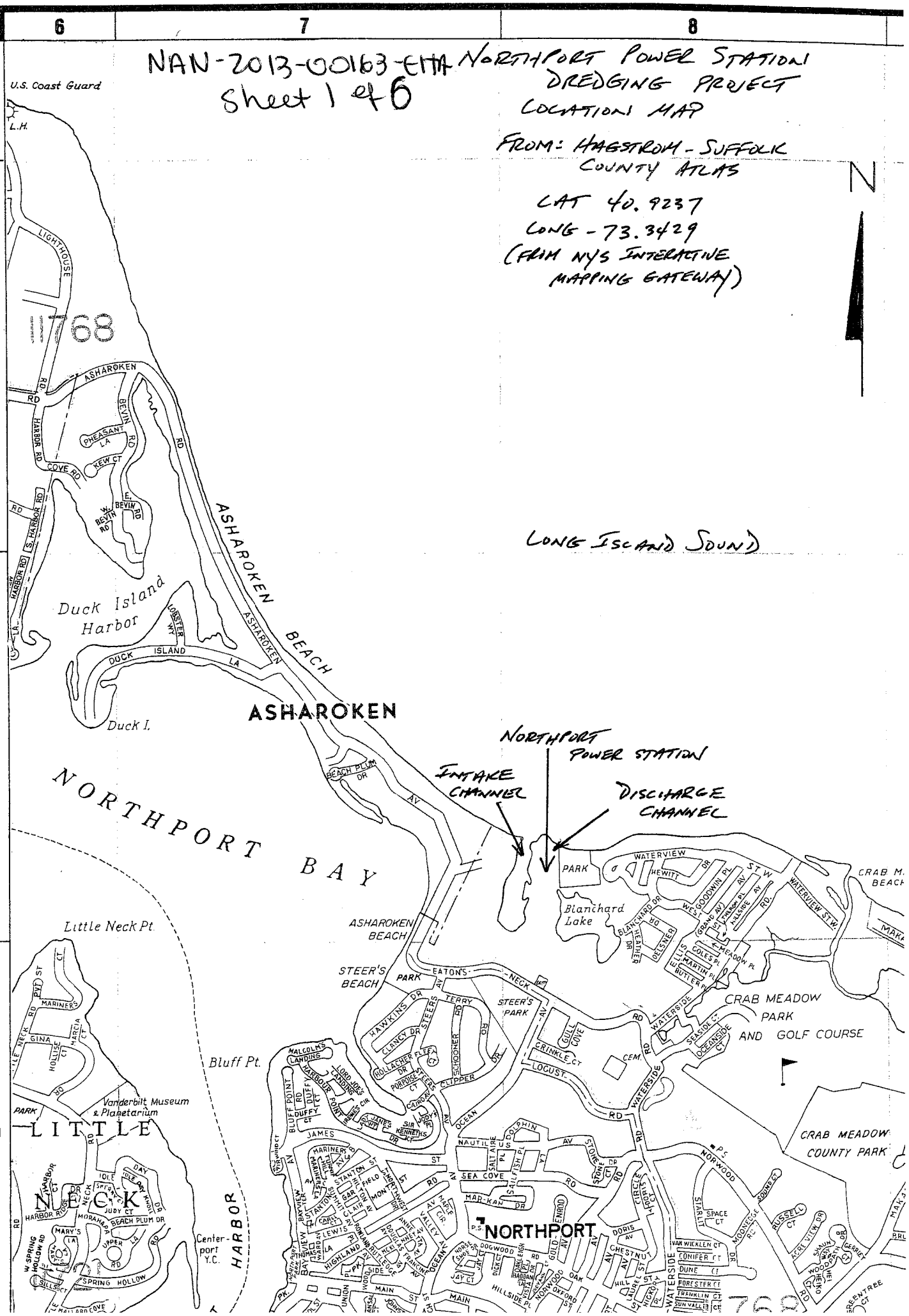
The stated purpose of this project is to maintain adequate water flow to the Northport Power Station, to maintain adequate depths for safe navigation and to place the required volume of sand along the Asharoken shoreline.

NAN-2013-00163-EIA NORTHPORT POWER STATION DREDGING PROJECT
Sheet 1 of 6

LOCATION MAP

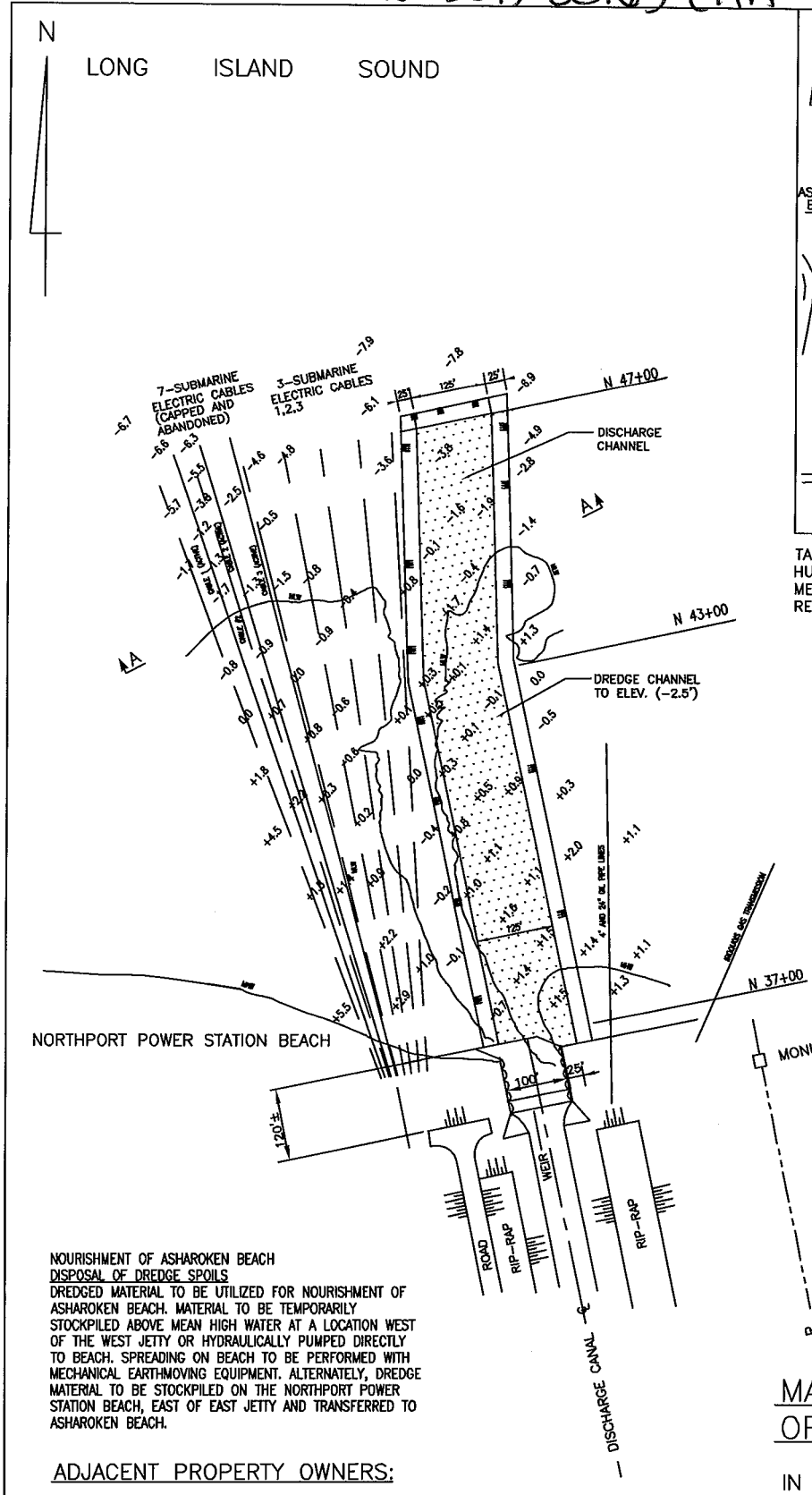
FROM: HAGSTROM - SUFFOLK COUNTY ATLAS

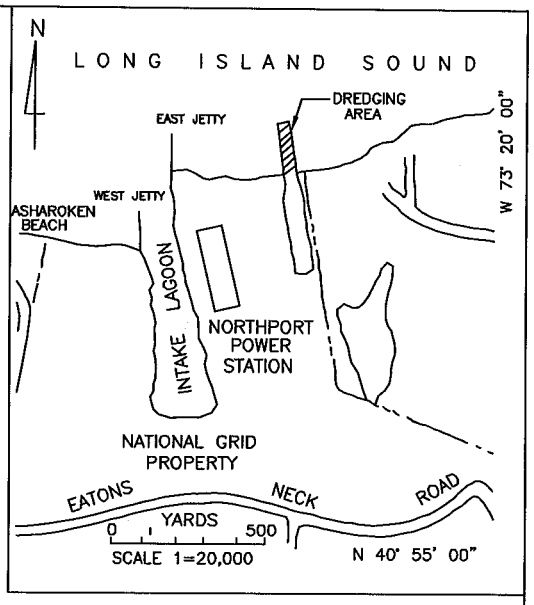
LAT 40.9237
LONG -73.3429
(FROM NYS INTERACTIVE MAPPING GATEWAY)



FOR ADJOINING AREA SEE MAP NO. 1

NAN-2013-00163-EHA



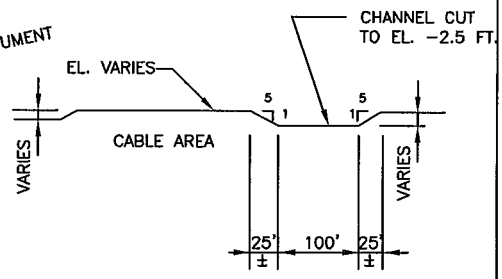


TAKEN FROM C. & G.S. MAP 224 (OYSTER BAY & HUNTINGTON BAY).
MEAN TIDAL RANGE 7.3 FT. ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW WATER EL. 0.0 FT.

LEGEND

- DREDGE AREA
- +.1 SOUNDINGS ELEVATIONS TAKEN 05/2013

ESTIMATED DREDGE VOLUME: 16,000 CY



SECTION "A – A"

EXCAVATION OVER CABLE PLACEMENTS IS PROHIBITED

NOURISHMENT OF ASHAROKEN BEACH
DISPOSAL OF DREDGE SPOILS
DREDGED MATERIAL TO BE UTILIZED FOR NOURISHMENT OF ASHAROKEN BEACH. MATERIAL TO BE TEMPORARILY STOCKPILED ABOVE MEAN HIGH WATER AT A LOCATION WEST OF THE WEST JETTY OR HYDRAULICALLY PUMPED DIRECTLY TO BEACH. SPREADING ON BEACH TO BE PERFORMED WITH MECHANICAL EARTHMOVING EQUIPMENT. ALTERNATELY, DREDGE MATERIAL TO BE STOCKPILED ON THE NORTHPORT POWER STATION BEACH, EAST OF EAST JETTY AND TRANSFERRED TO ASHAROKEN BEACH.

ADJACENT PROPERTY OWNERS:

① VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE

② TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE

0' 100' 200'
SCALE IN FEET

MAINTENANCE DREDGING OF DISCHARGE CHANNEL

IN LONG ISLAND SOUND AT NORTHPORT
SUFFOLK COUNTY, NEW YORK

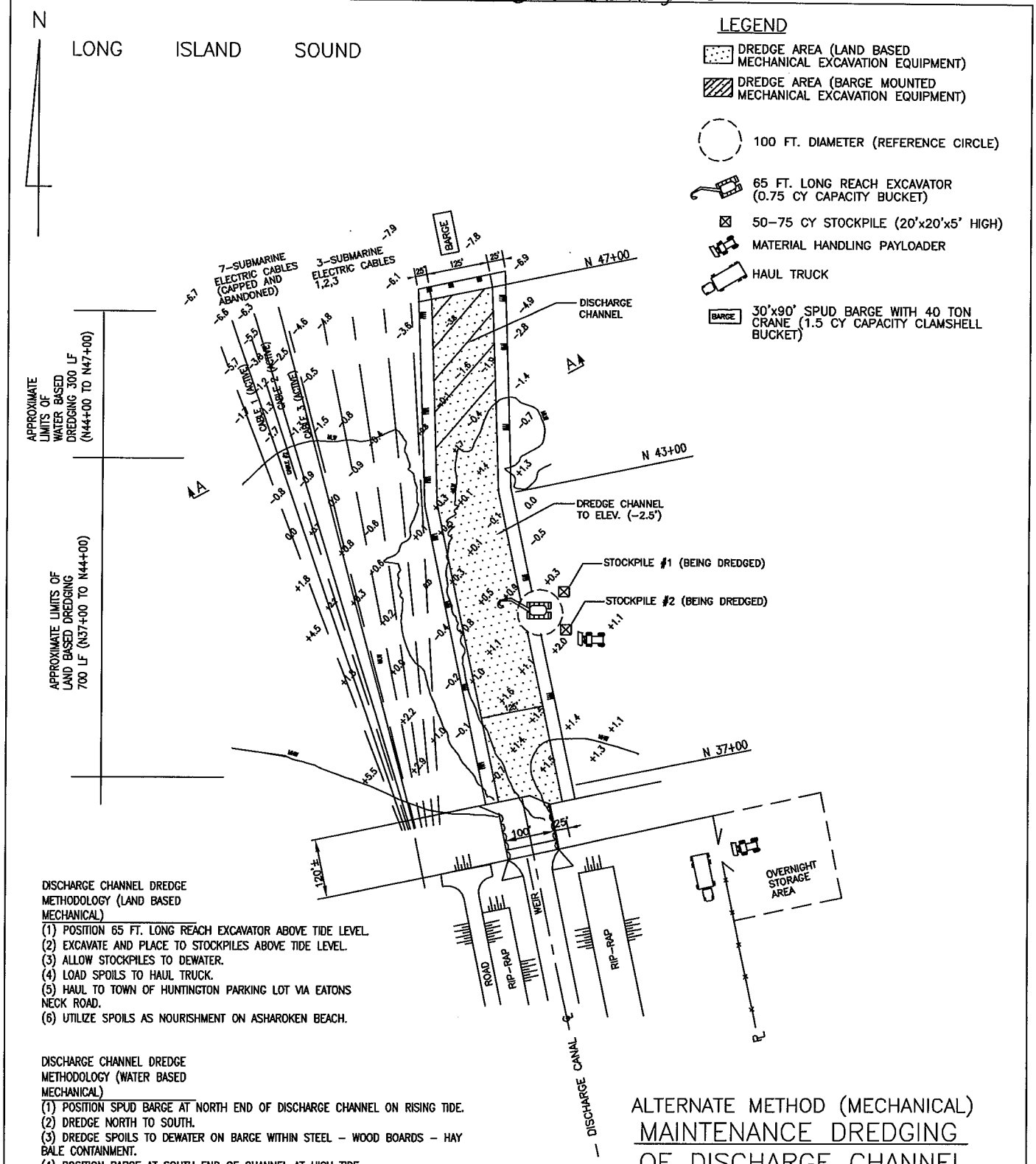
NATIONAL GRID
HICKSVILLE, NEW YORK

DATE: 05/30/13

NPPSY-LY-01006
(L08025-00)

SHEET NO. 2 OF 5

NAN-2013-00163-EHA



DISCHARGE CHANNEL DREDGE METHODOLOGY (LAND BASED MECHANICAL)

(1) POSITION 65 FT. LONG REACH EXCAVATOR ABOVE TIDE LEVEL.
(2) EXCAVATE AND PLACE TO STOCKPILES ABOVE TIDE LEVEL.
(3) ALLOW STOCKPILES TO DEWATER.
(4) LOAD SPOILS TO HAUL TRUCK.
(5) HAUL TO TOWN OF HUNTINGTON PARKING LOT VIA EATONS NECK ROAD.
(6) UTILIZE SPOILS AS NOURISHMENT ON ASHAROKEN BEACH.

DISCHARGE CHANNEL DREDGE METHODOLOGY (WATER BASED MECHANICAL)

(1) POSITION SPUD BARGE AT NORTH END OF DISCHARGE CHANNEL ON RISING TIDE.
(2) DREDGE NORTH TO SOUTH.
(3) DREDGE SPOILS TO DEWATER ON BARGE WITHIN STEEL – WOOD BOARDS – HAY BALE CONTAINMENT.
(4) POSITION BARGE AT SOUTH END OF CHANNEL AT HIGH TIDE.
(5) OFF LOAD SPOILS TO STOCKPILE, ABOVE HIGH WATER, ON EAST SIDE OF CHANNEL.
(6) PAYLOADER TO COLLECT AND LOAD SPOILS TO HAUL TRUCK.

ADJACENT PROPERTY OWNERS:

① VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE
② TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE

0' 100' 200'
SCALE IN FEET

ALTERNATE METHOD (MECHANICAL) MAINTENANCE DREDGING OF DISCHARGE CHANNEL

IN LONG ISLAND SOUND AT NORTHPORT
SUFFOLK COUNTY, NEW YORK

NATIONAL GRID
HICKSVILLE, NEW YORK

05/30/13

NPPSY-LY-01006
(L08025-00)

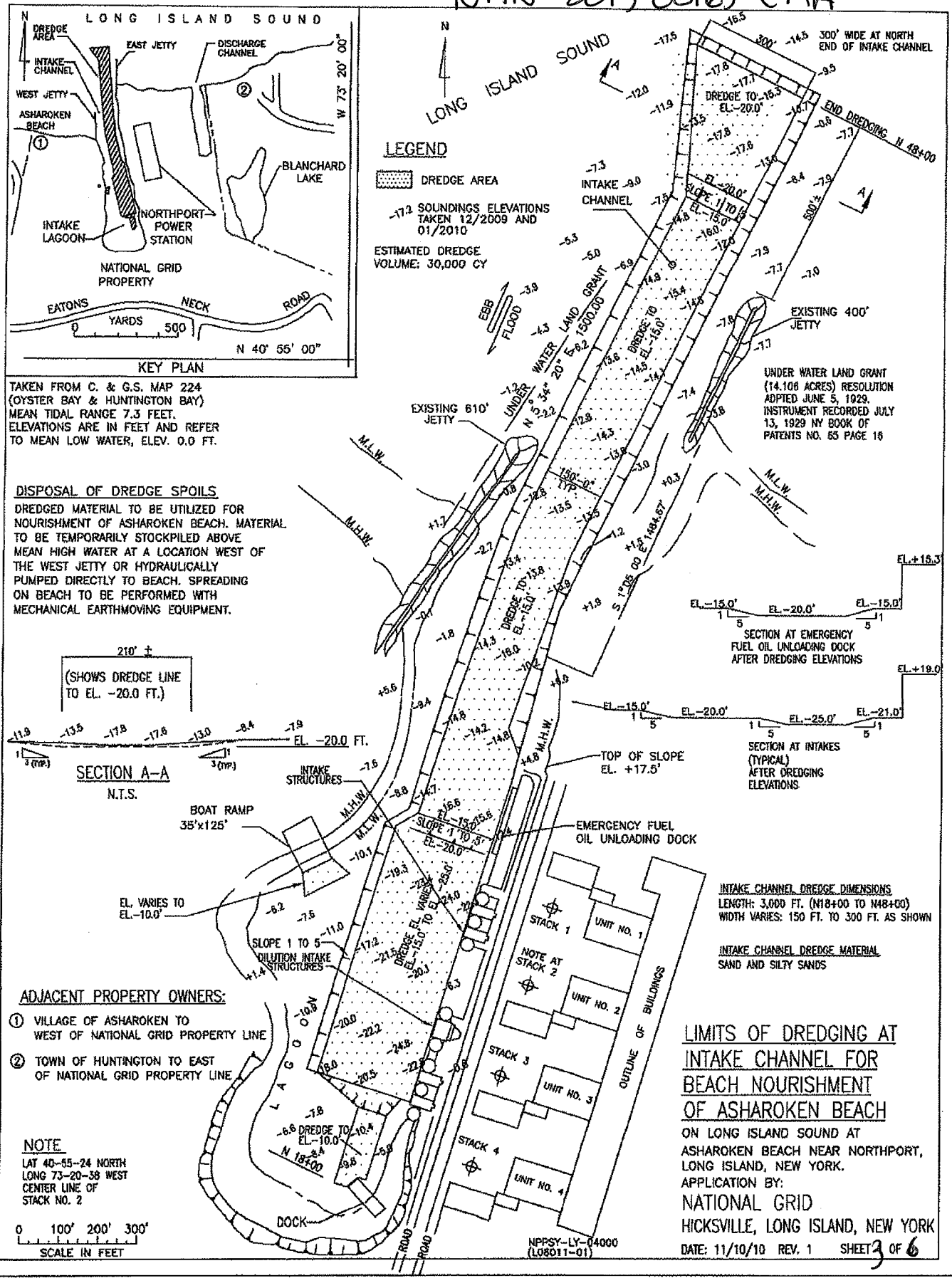
SHEET NO. 2a OF 5

NAN-2013-00163-EHA

TAKEN FROM C. & G.S. MAP 224 (OYSTER BAY & HUNTINGTON BAY) MEAN TIDAL RANGE 7.3 FEET. ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW WATER, ELEV. 0.0 FT.

DISPOSAL OF DREDGE SPOILS

DREDGED MATERIAL TO BE UTILIZED FOR NOURISHMENT OF ASHAROKEN BEACH. MATERIAL TO BE TEMPORARILY STOCKPILED ABOVE MEAN HIGH WATER AT A LOCATION WEST OF THE WEST JETTY OR HYDRAULICALLY PUMPED DIRECTLY TO BEACH. SPREADING ON BEACH TO BE PERFORMED WITH MECHANICAL EARTHMOVING EQUIPMENT.



ADJACENT PROPERTY OWNERS:

1. VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE
2. TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE

NOTE

LAT 40-55-24 NORTH
LONG 73-20-38 WEST
CENTER LINE OF STACK NO. 2

0 100' 200' 300'
SCALE IN FEET

INTAKE CHANNEL DREDGE DIMENSIONS
LENGTH: 3,000 FT. (N18+00 TO N48+00)
WIDTH VARIES: 150 FT. TO 300 FT. AS SHOWN

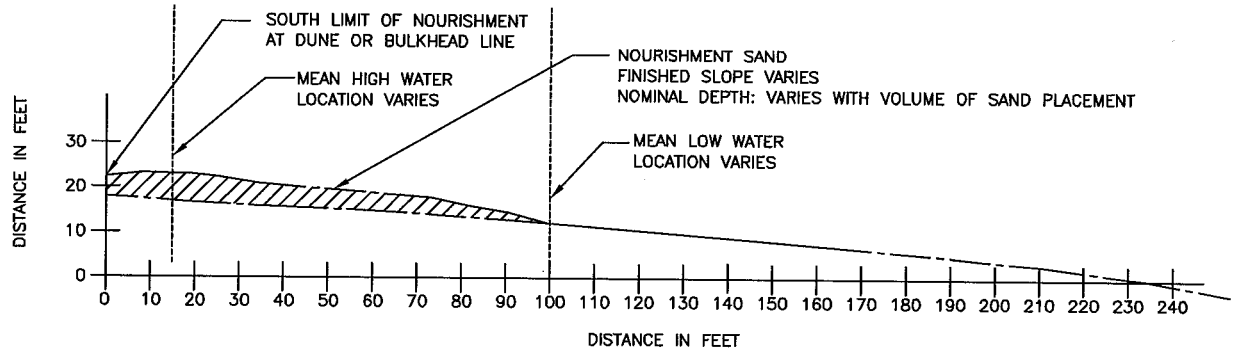
INTAKE CHANNEL DREDGE MATERIAL
SAND AND SILTY SANDS

LIMITS OF DREDGING AT INTAKE CHANNEL FOR BEACH NOURISHMENT OF ASHAROKEN BEACH

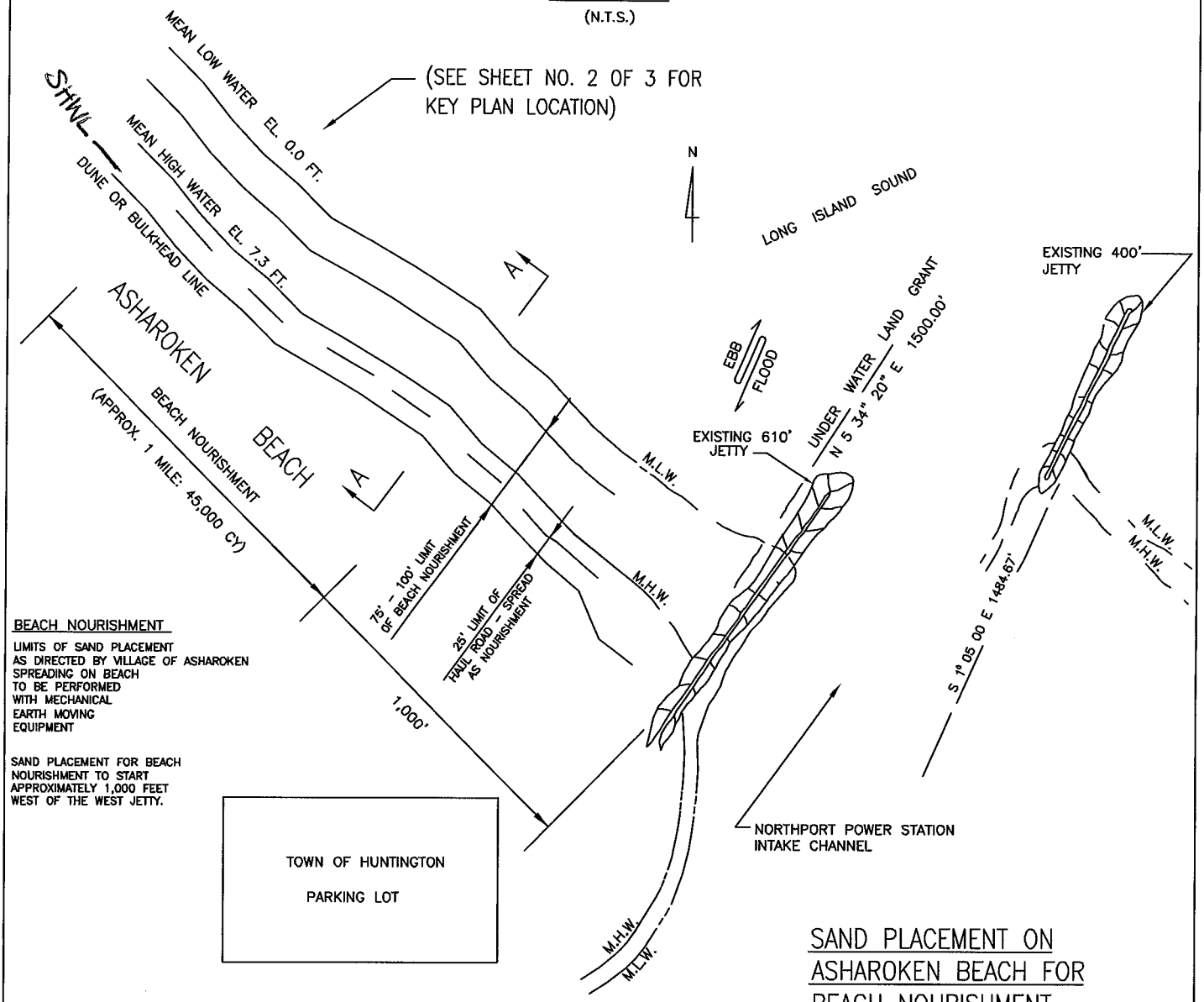
ON LONG ISLAND SOUND AT ASHAROKEN BEACH NEAR NORTHPORT, LONG ISLAND, NEW YORK.
APPLICATION BY:
NATIONAL GRID
HICKSVILLE, LONG ISLAND, NEW YORK

DATE: 11/10/10 REV. 1 SHEET 3 OF 6

NAN-2013-00163-EITA



SECTION A–A
(N.T.S.)



BEACH NOURISHMENT

LIMITS OF SAND PLACEMENT AS DIRECTED BY VILLAGE OF ASHAROKEN SPREADING ON BEACH TO BE PERFORMED WITH MECHANICAL EARTH MOVING EQUIPMENT

SAND PLACEMENT FOR BEACH NOURISHMENT TO START APPROXIMATELY 1,000 FEET WEST OF THE WEST JETTY.

Spring High Water El 8.9 Ft

PLAN
(NOT TO SCALE)

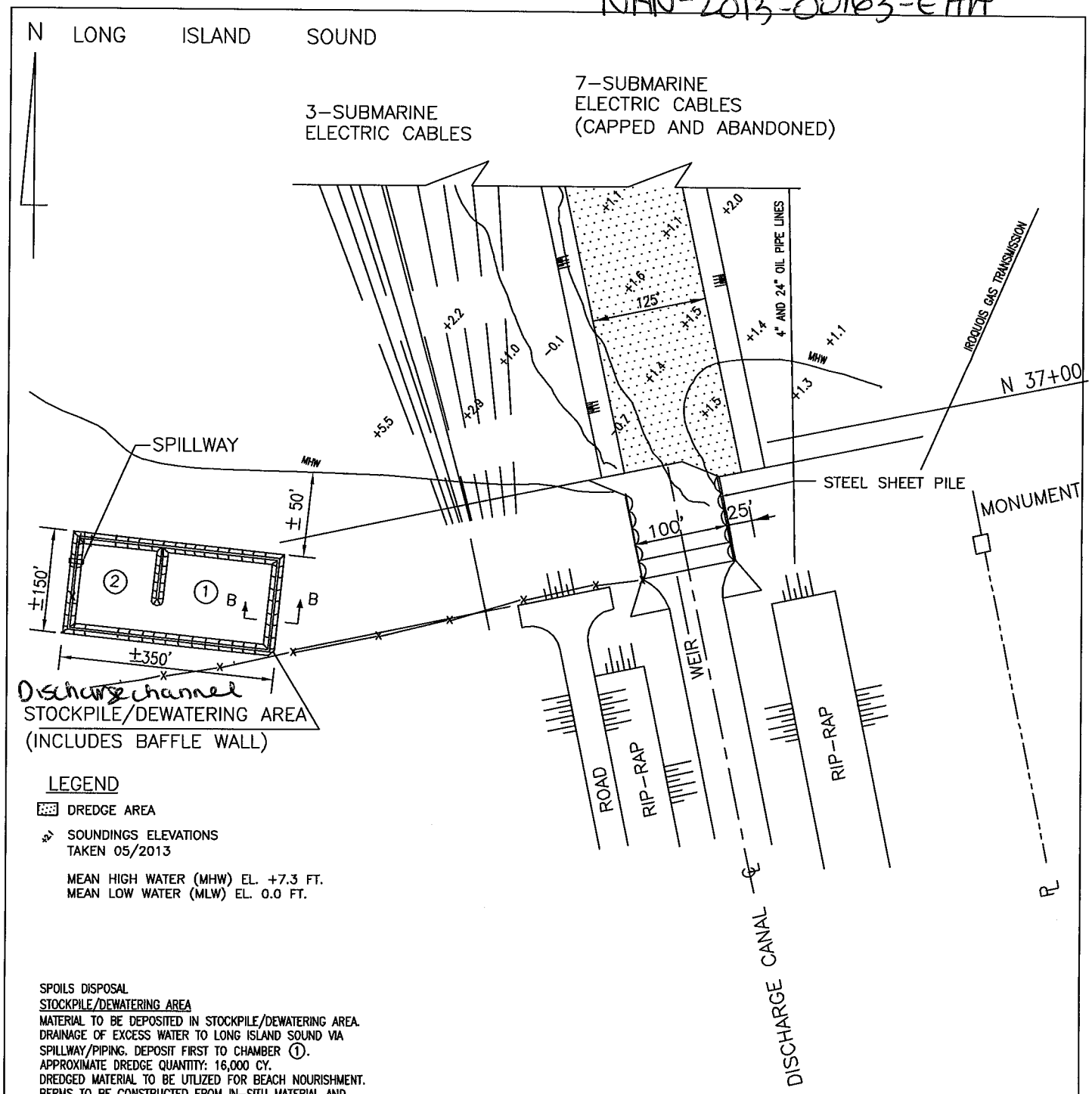
NPPSY–LY–01006
(L08025–00)

SAND PLACEMENT ON ASHAROKEN BEACH FOR BEACH NOURISHMENT

ON LONG ISLAND SOUND AT ASHAROKEN BEACH NEAR NORTHPORT, LONG ISLAND, NEW YORK.
APPLICATION BY:
NATIONAL GRID
HICKSVILLE, LONG ISLAND, NEW YORK
DATE: 6/6/13

SHEET No. 4 OF 6

NAN-2013-00163-EMA



LEGEND

DREDGE AREA

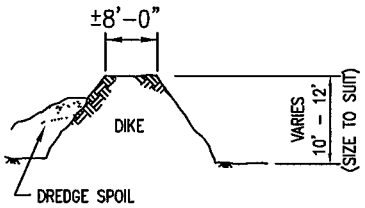
+2.1 SOUNDINGS ELEVATIONS TAKEN 05/2013

MEAN HIGH WATER (MHW) EL. +7.3 FT.
MEAN LOW WATER (MLW) EL. 0.0 FT.

SPOILS DISPOSAL

STOCKPILE/DEWATERING AREA

MATERIAL TO BE DEPOSITED IN STOCKPILE/DEWATERING AREA.
DRAINAGE OF EXCESS WATER TO LONG ISLAND SOUND VIA SPILLWAY/PIPING. DEPOSIT FIRST TO CHAMBER ①.
APPROXIMATE DREDGE QUANTITY: 16,000 CY.
DREDGED MATERIAL TO BE UTLIZED FOR BEACH NOURISHMENT.
BERMS TO BE CONSTRUCTED FROM IN-SITU MATERIAL AND DREDGE SPOILS.
EXCAVATION OVER CABLE PLACEMENTS IS PROHIBITED.



SECTION "B – B"

N.T.S.

0' 100' 200'
SCALE IN FEET

MAINTENANCE DREDGING OF DISCHARGE CHANNEL

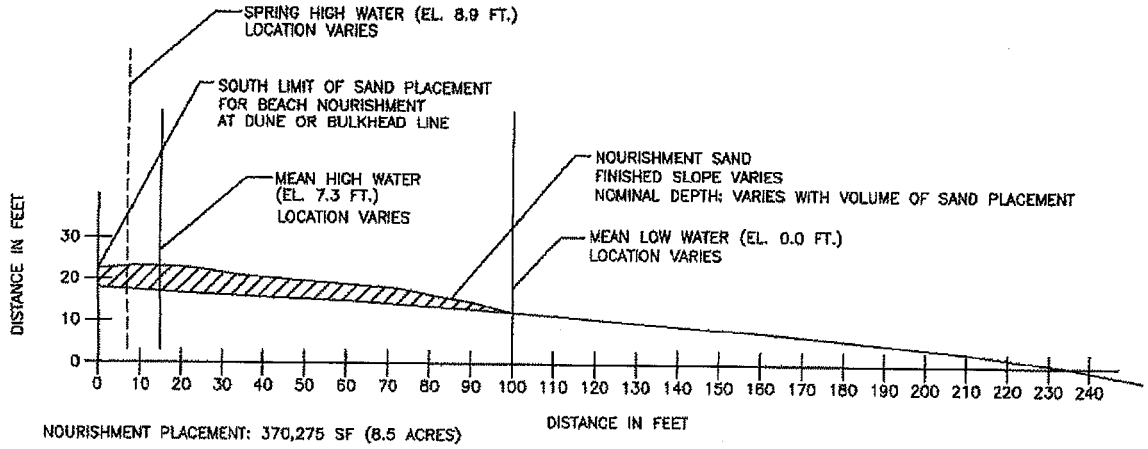
IN LONG ISLAND SOUND AT NORTHPORT
SUFFOLK COUNTY, NEW YORK

NATIONAL GRID
HICKSVILLE, NEW YORK

05/30/13

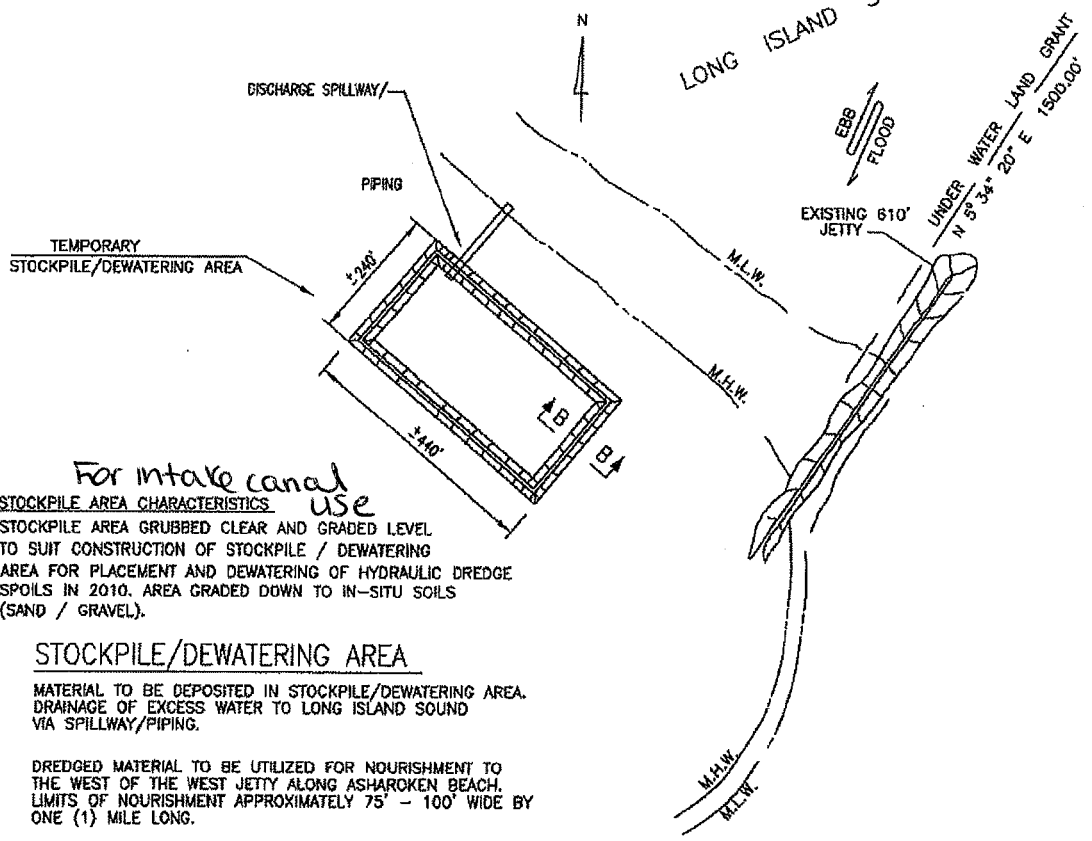
NPPSY-LY-01006
(L08025-00)

SHEET NO. 5 OF 5



NOURISHMENT PLACEMENT: 370,275 SF (8.5 ACRES)

SECTION A–A
(SEE SHEET 2 OF 5)
(N.T.S.)



For intake canal use

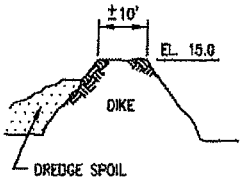
STOCKPILE AREA CHARACTERISTICS

STOCKPILE AREA GRUBBED CLEAR AND GRADED LEVEL TO SUIT CONSTRUCTION OF STOCKPILE / DEWATERING AREA FOR PLACEMENT AND DEWATERING OF HYDRAULIC DREDGE SPOILS IN 2010. AREA GRADED DOWN TO IN–SITU SOILS (SAND / GRAVEL).

STOCKPILE/DEWATERING AREA

MATERIAL TO BE DEPOSITED IN STOCKPILE/DEWATERING AREA. DRAINAGE OF EXCESS WATER TO LONG ISLAND SOUND VIA SPILLWAY/PIPING.

DREDGED MATERIAL TO BE UTILIZED FOR NOURISHMENT TO THE WEST OF THE WEST JETTY ALONG ASHAROKEN BEACH. LIMITS OF NOURISHMENT APPROXIMATELY 75' – 100' WIDE BY ONE (1) MILE LONG.



SECTION B–B
N.T.S.

SAND PLACEMENT ON ASHAROKEN BEACH FOR BEACH NOURISHMENT

ON LONG ISLAND SOUND AT ASHAROKEN BEACH NEAR NORTHPORT, LONG ISLAND, NEW YORK.
APPLICATION BY:
NATIONAL GRID
HICKSVILLE, LONG ISLAND, NEW YORK

NPPSY–LY–04000
(L08011–01)

DATE: 11/10/10 REV. 1 SHEET 6 OF 6