



**US Army Corps
of Engineers**
Philadelphia District

Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No.	Date
CENAP-OP-R-2013-1140	JUL 09 2015
Application No.	File No.

In Reply Refer to:
REGULATORY BRANCH

This District 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).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: Corinthian Yacht Club of Cape May

AGENT: Engineering Design Associates
Cambridge Professional Offices
5 Cambridge Drive
Ocean View, New Jersey 08230

WATERWAY: Cape May Harbor

LOCATION: Delaware Avenue, Lots 1.02, 2, 2.01, 3, 3.01, 4, 4.01, 5, and 5.01 all of Block 1217, City of Cape May, Cape May County, New Jersey

ACTIVITY: The applicant proposes to remove a total of 4700 cubic yards of sediment from 1.63 acres of open waters (yacht club basin area, floating dock area, and access channel) by hydraulic dredging. The work would involve the following activities: A) the dredging of 3270 cubic yards of sediment from of 39,925 square feet of yacht basin area below the mean high water line to a maximum depth of 6 feet below mean lower low water (5 foot design depth and 1 foot over-dredging allowance), B) the maintenance dredging of 760 cubic yards of sediment from of 12,754 square feet of floating dock area below the mean high water line to a maximum depth of 7 feet below mean lower low water (6 foot design depth and 1 foot over-dredging allowance), and C) the new dredging of 670 cubic yards of sediment from a 742 foot long by 20 foot wide access channel below the mean high water line to a maximum depth of 7 feet below mean lower low water (6 foot design depth and 1 foot over-dredging allowance). Dredged materials would be made up of approximately 97% sand with 3% silts and gravel.

The dredged materials would be conveyed by pipe to the confined disposal facility (CDF) operated by the United States Coast Guard's Training Center Cape May facility located along Cold Spring Inlet between Arcus and Munro Avenues, in the City of Cape May, Cape May County, New Jersey (U.S. Coast Guard outgrant license HSCG83-15-6-0031). Piping would be placed along the inlet and harbor bank between the yacht club and the Coast Guard CDF, beneath Coast Guard piers, crossing Munro Avenue, and extending to the CDF. The agent has

indicated that the available volume in the existing CDF exceeds the volume of hydraulically dredged material and water. Return water within the CDF will not reach the elevation of the existing return weir to the inlet. As such, all supernatant would evaporate within the CDF and no return water would be discharged.

It should be noted that approximately ½ of the basin was originally approved for dredging in 1995 by this office under individual permit CENAP-OP-R-199402404. All existing structures were approved by this office in 1978 under individual permit CENAP-OP-R-197701121.

The applicant is requesting a 10-year maintenance dredging allowance. The applicant has stated that the "L" shaped dock existing on the site is used to moor A) up to 12 of club sailboats (stored on land when not racing) ranging from 8 to 24 feet in length with maximum beam of 9 feet and 4 foot draft and B) 2 power vessels (21 and 25 feet long) with maximum beam of 8 feet and draft of 3 feet. The applicant has also stated that all fuel is carried to the power vessels by portable tank and transient vessels are moored in the basin and pier areas there (no specific number or size) as they pass up and down the coast.

PURPOSE: The applicant's stated purpose for the proposed dredging is to allow for the launching, mooring, and docking of members' sailboats and transient yachts and other boats as well as the access of such vessels to deeper waters.

A preliminary review of this application indicates that the proposed work may affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. Such species include Atlantic Sturgeon (*Acipenser oxyrinchus*), Kemp's ridley sea turtle (*Lepidochelys kempii*), loggerhead sea turtle (*Caretta caretta*), green sea turtle (*Chelonia mydas*), leatherback sea turtle (*Dermochelys coriacea*) and hawksbill sea turtle (*Eretmochelys imbricate*). Although they are in the vicinity, due to the water depths and boating activity, the project is not likely to adversely affect listed species. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

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 the 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.

Comments on the proposed work should be submitted, in writing, within 15 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

Review of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion therein are located within the permit area of the work.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH). A preliminary impact assessment of the species listed in the "Guide to Essential Fish Habitat Designations in the Northeastern United States, Volume IV: New Jersey and Delaware", dated March 1999, specifically page 72 has been made by this office.

Analysis of the Effects: This office has determined that there would be adverse effects to essential fish habitat and species of concern – specifically winter flounder.

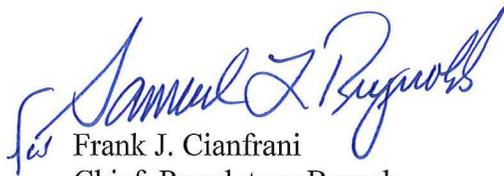
Corps of Engineers View: Based upon the above analysis, the Corps of Engineers has determined that the proposed project would have direct, indirect, site-specific, or habitat-wide impacts on EFH, or upon the managed species and their life stages listed in the above referenced EFH guide, either individually, cumulatively or synergistically. However, the proposed project would not eliminate, diminish, nor disrupt the functions of EFH or species of concern through the implementation of a seasonal restriction of dredging from between January 1 and May 31 of the same year.

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. In a waterfront development permit (0502-03-0006.2, WFD 140001) dated February 18, 2015, the State has concurred with the applicant's certification. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Department of Environmental Protection - Dredging and Sediment Technology.

The evaluation of the impact of the work described above on the public interest 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.

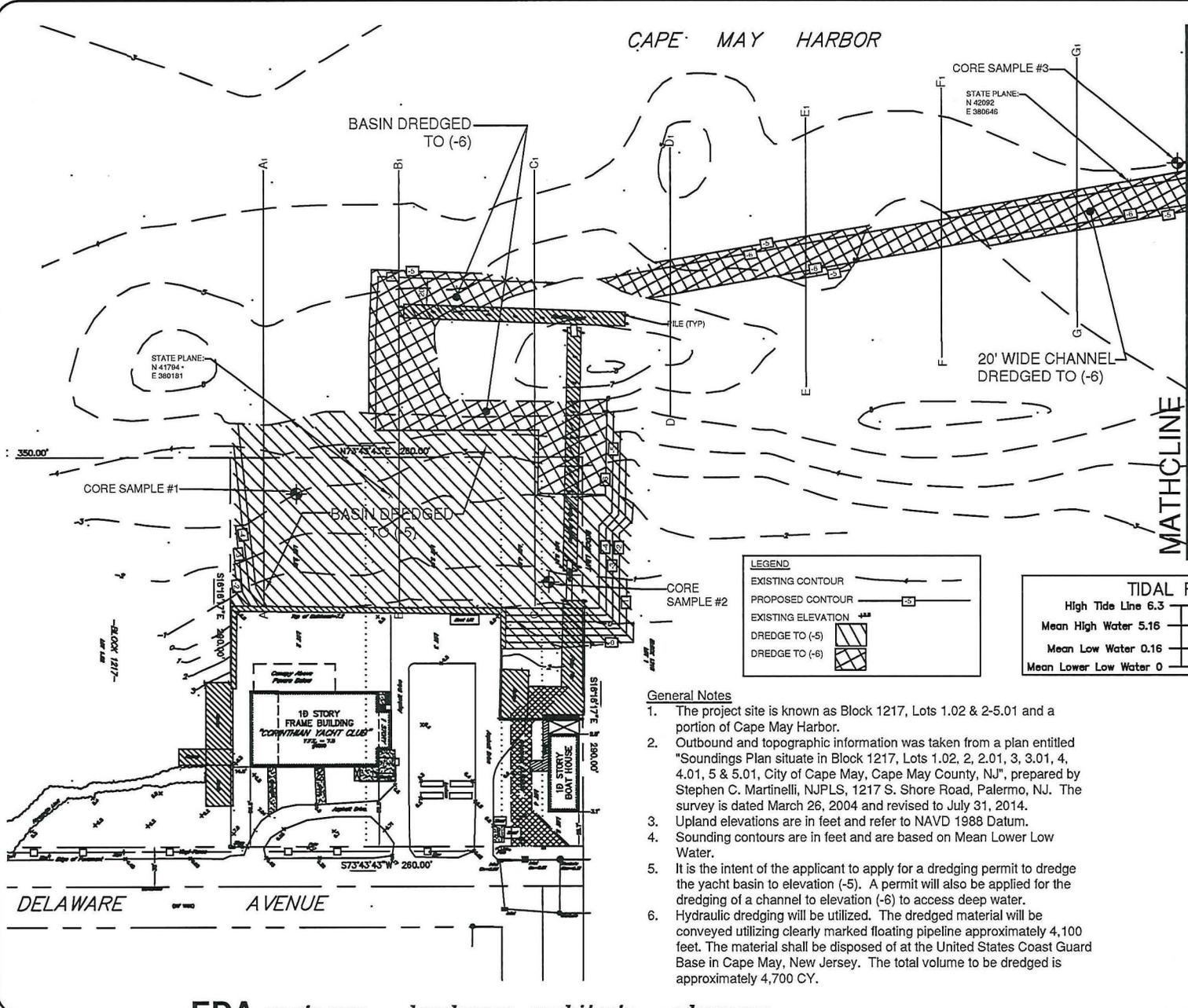
Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by contacting Mr. David J. Caplan at 215-656-6731, at David.J.Caplan@usace.army.mil, or by writing to this office at the above address.

A handwritten signature in blue ink, appearing to read "Frank J. Cianfrani". The signature is stylized and cursive.

Frank J. Cianfrani
Chief, Regulatory Branch

CAPE MAY HARBOR



EDA Engineering Design Associates, P.A.
 5 Orchard Drive, Ocean View, New Jersey, 08230
 (609) 590-6535 FAX (609) 590-9204

DREDGING PLAN
 BLOCK 1217, LOTS 1.02 & 2-5.01
 CITY OF CAPE MAY
 CAPE MAY COUNTY, NEW JERSEY

VINCENT C. ORLANDO
 PROFESSIONAL ENGINEER
 N.J.P.E. Lic. #22408

[Signature]

LEGEND

EXISTING CONTOUR	
PROPOSED CONTOUR	
EXISTING ELEVATION	
DREDGE TO (-5)	
DREDGE TO (-6)	

TIDAL RANGE

High Tide Line 6.3	3.55 (N.A.V.D. 88)
Mean High Water 5.16	2.41 (N.A.V.D. 88)
Mean Low Water 0.16	-2.59 (N.A.V.D. 88)
Mean Lower Low Water 0	-2.75 (N.A.V.D. 88)

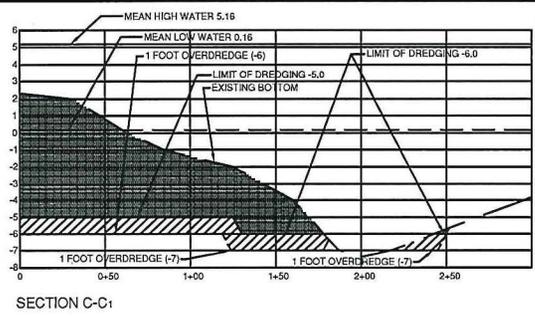
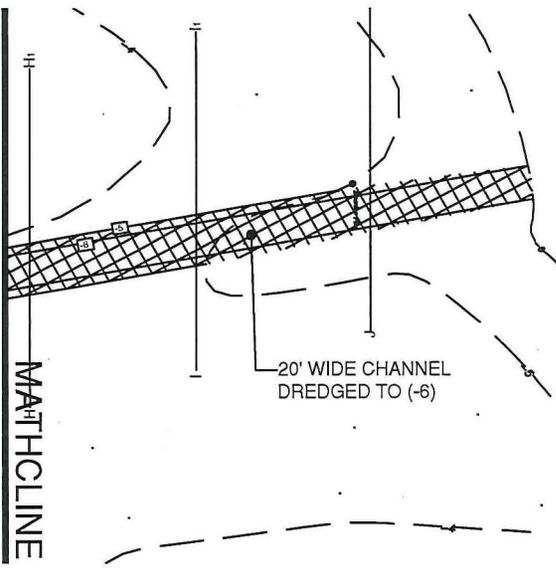
General Notes

- The project site is known as Block 1217, Lots 1.02 & 2-5.01 and a portion of Cape May Harbor.
- Outbound and topographic information was taken from a plan entitled "Soundings Plan situate in Block 1217, Lots 1.02, 2, 2.01, 3, 3.01, 4, 4.01, 5 & 5.01, City of Cape May, Cape May County, NJ", prepared by Stephen C. Martinelli, NJPLS, 1217 S. Shore Road, Palerme, NJ. The survey is dated March 26, 2004 and revised to July 31, 2014.
- Upland elevations are in feet and refer to NAVD 1988 Datum.
- Sounding contours are in feet and are based on Mean Lower Low Water.
- It is the intent of the applicant to apply for a dredging permit to dredge the yacht basin to elevation (-5). A permit will also be applied for the dredging of a channel to elevation (-6) to access deep water.
- Hydraulic dredging will be utilized. The dredged material will be conveyed utilizing clearly marked floating pipeline approximately 4,100 feet. The material shall be disposed of at the United States Coast Guard Base in Cape May, New Jersey. The total volume to be dredged is approximately 4,700 CY.

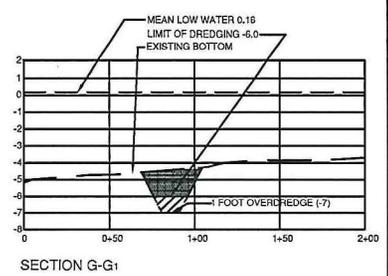
Rev. per ACQE	6/30/15	MJH
Revision	Date	By



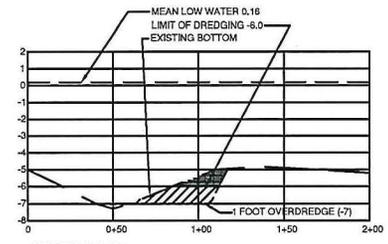
DATE: 6/25/15	DRAWN BY: MJH
SCALE: 1"=100'	CHECKED BY: VCO
PROJECT #: 6325	SHEET: 1 OF 4



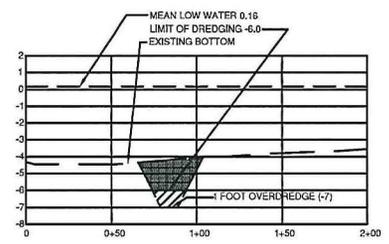
SECTION C-C1



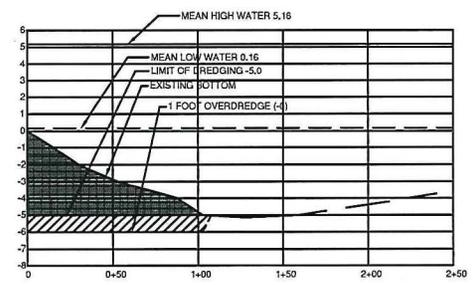
SECTION G-G1



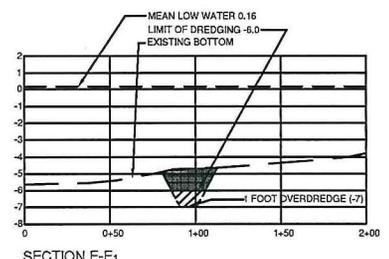
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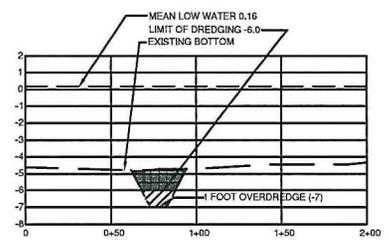
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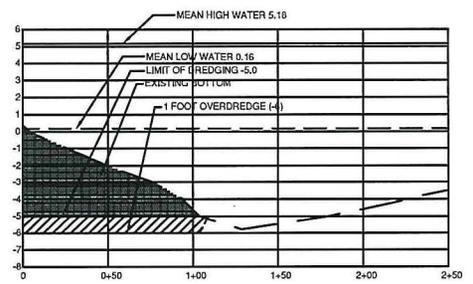
SECTION A-A1



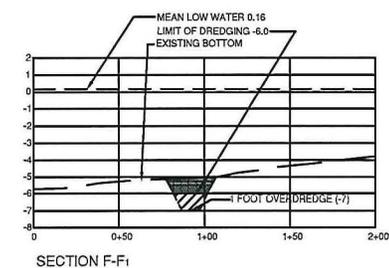
SECTION E-E1



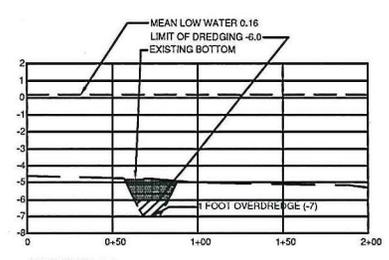
SECTION I-I1



SECTION B-B1



SECTION F-F1



SECTION J-J1

EDA
 Engineering
 Design
 Associates, P.A.
 500 Cambridge Street, Suite 200
 Cambridge, NJ 07031
 (609) 590-0338 FAX (609) 590-9204

DREDGING PLAN
 BLOCK 1217, LOTS 1.02 & 2-5.01
 CITY OF CAPE MAY
 CAPE MAY COUNTY, NEW JERSEY

VINCENT C. ORLANDO
 PROFESSIONAL ENGINEER
 N.J. REG. #23419

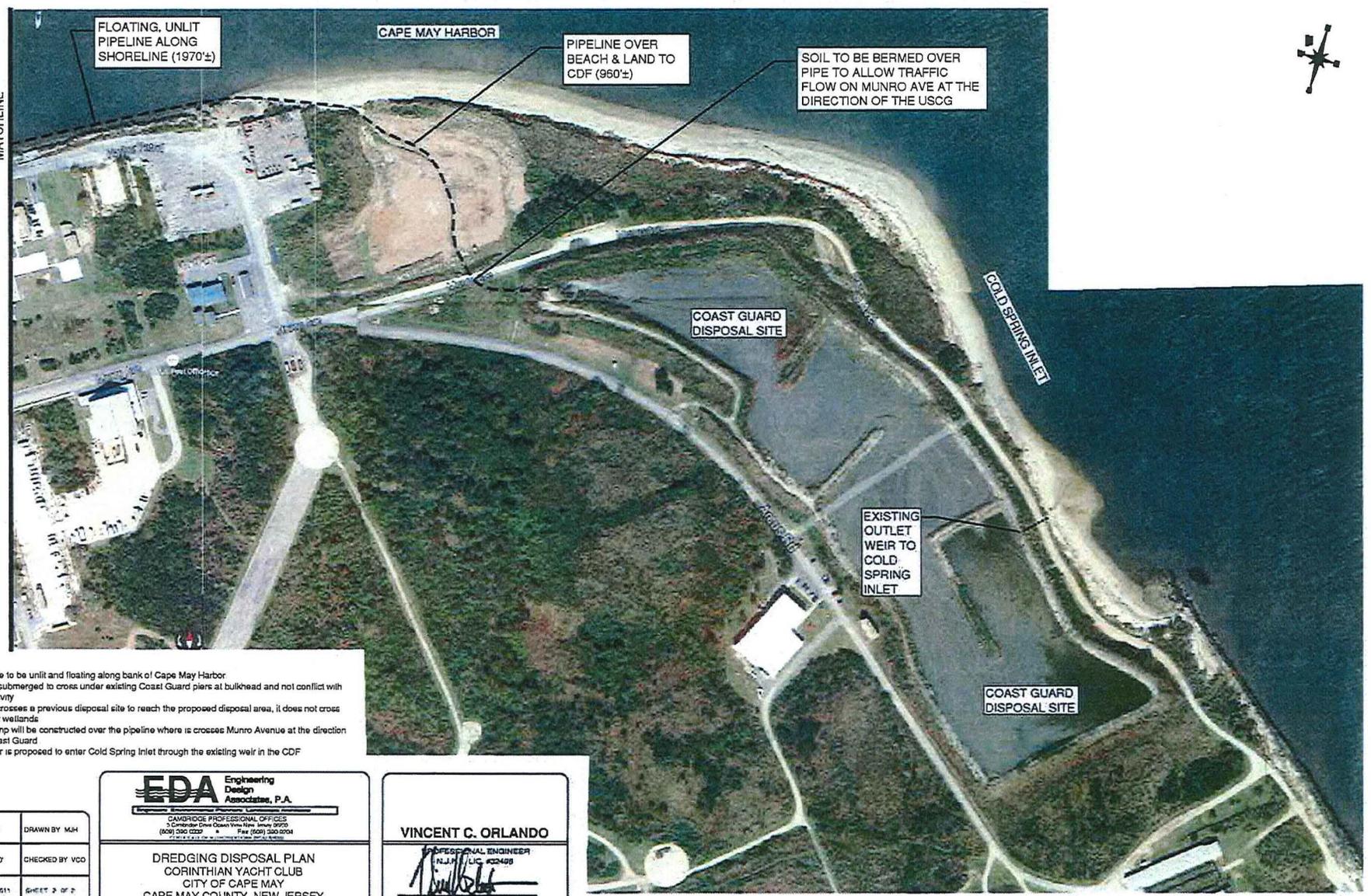
Rev. per ACOE	6/25/15	MJH
Revision	Date:	By:



DATE: 6/25/15	DRAWN BY: MJH
SCALE: 1"=100'	CHECKED BY: VCO
PROJECT #: 6325	SHEET: 1 OF 4

HORIZONTAL SCALE: 1"=100'
 VERTICAL SCALE 1"=10'

MATCHLINE



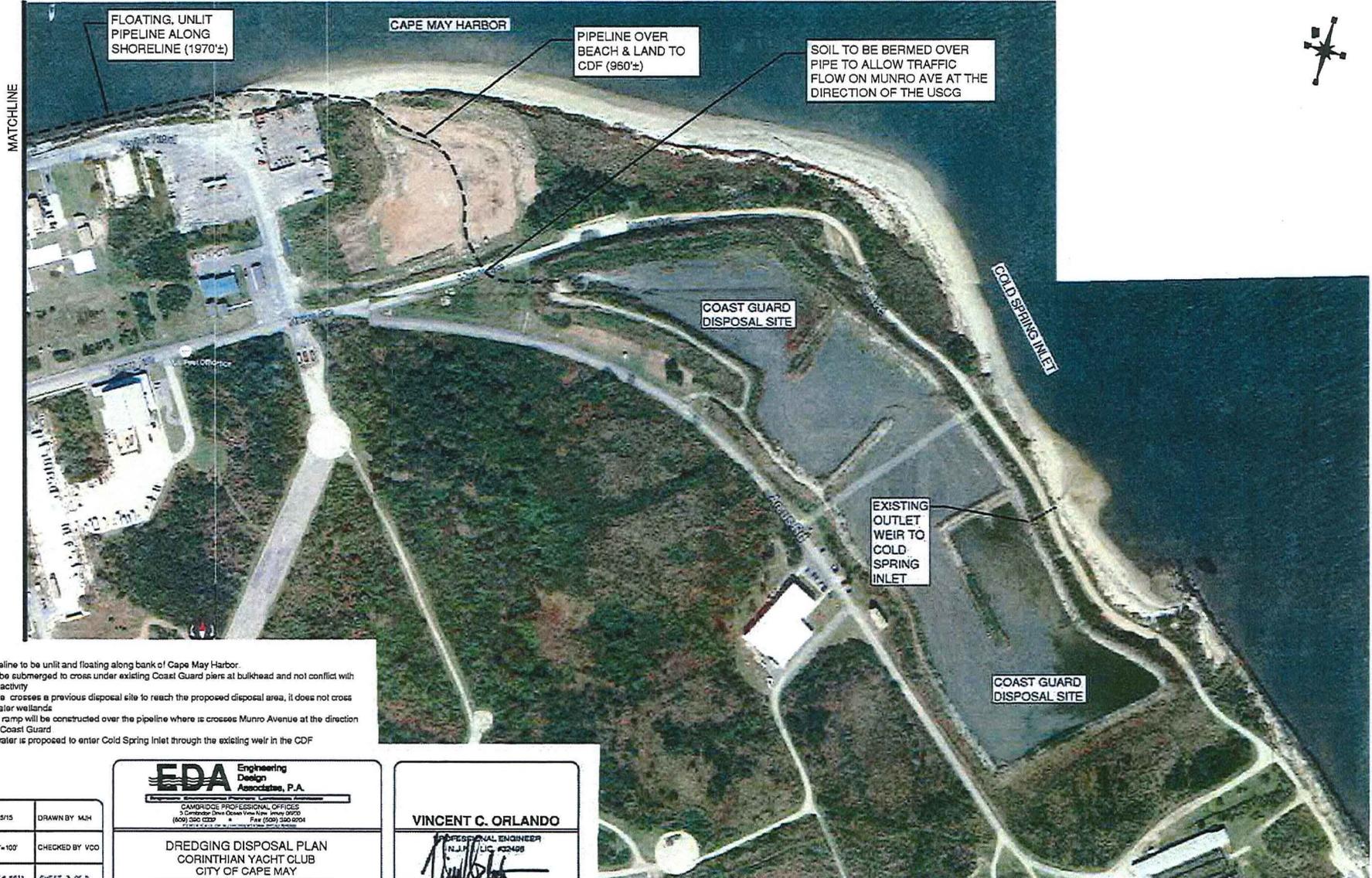
Notes
 Dredge pipeline to be unlit and floating along bank of Cape May Harbor
 Pipeline to be submerged to cross under existing Coast Guard piers at bulkhead and not conflict with any vessel activity
 The pipeline crosses a previous disposal site to reach the proposed disposal area, it does not cross any freshwater wetlands
 An earthen ramp will be constructed over the pipeline where it crosses Munro Avenue at the direction of the U.S. Coast Guard
 No return water is proposed to enter Cold Spring Inlet through the existing weir in the CDF

DATE 6/25/15	DRAWN BY MSH
SCALE 1"=100'	CHECKED BY VCO
PROJECT # 5511	SHEET 2 OF 2

EDA Engineering Design Associates, P.A.
 Cambridge Professional Offices
 3 Cambridge Drive Ocean View, New Jersey 08050
 (609) 360-0229 • Fax (609) 360-0204
 www.eda-engineers.com

DREDGING DISPOSAL PLAN
 CORINTHIAN YACHT CLUB
 CITY OF CAPE MAY
 CAPE MAY COUNTY, NEW JERSEY

VINCENT C. ORLANDO
 PROFESSIONAL ENGINEER
 (N.J. LIC. #32498)



FLOATING, UNLIT PIPELINE ALONG SHORELINE (1970±)

CAPE MAY HARBOR

PIPELINE OVER BEACH & LAND TO CDF (960±)

SOIL TO BE BERMED OVER PIPE TO ALLOW TRAFFIC FLOW ON MUNRO AVE AT THE DIRECTION OF THE USCG

COAST GUARD DISPOSAL SITE

COLD SPRING INLET

EXISTING OUTLET WEIR TO COLD SPRING INLET

COAST GUARD DISPOSAL SITE

Notes
 Dredge pipeline to be unlit and floating along bank of Cape May Harbor.
 Pipeline to be submerged to cross under existing Coast Guard piers at bulkhead and not conflict with any vessel activity
 The pipeline crosses a previous disposal site to reach the proposed disposal area, it does not cross any freshwater wetlands
 An earthen ramp will be constructed over the pipeline where it crosses Munro Avenue at the direction of the U.S. Coast Guard
 No return water is proposed to enter Cold Spring Inlet through the existing weir in the CDF

DATE 5/25/15	DRAWN BY MJM
SCALE 1"=100'	CHECKED BY VCO
PROJECT # 5511	SHEET 2 OF 2

EDA Engineering Design Associates, P.A.
 CAMBRIDGE PROFESSIONAL OFFICES
 3 Cambridge Street, Suite 200, Jersey City, NJ 07310
 (201) 330-0330 • Fax (201) 330-0204

DREDGING DISPOSAL PLAN
 CORINTHIAN YACHT CLUB
 CITY OF CAPE MAY
 CAPE MAY COUNTY, NEW JERSEY

VINCENT C. ORLANDO
 PROFESSIONAL ENGINEER
 N.J. LIC. #32498

