



U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number
CENAB-OP-RMN (ANNE ARUNDEL COUNTY DPW/
ROCKHOLD CREEK/DREDGING) 2014-60788-M18

PN 14-46

Comment Period: August 13, 2014 – September 12, 2014

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

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 and/or Section 404 of the Clean Water Act (33 U.S.C. 1344)** as described below:

APPLICANT: Mr. Masoud Ghatineh
Anne Arundel County Department of Public Works
2662 Riva Road
Annapolis, Maryland 21401

WATERWAY AND LOCATION: The proposed project is located in Rockhold Creek, off Rockhold Creek Road and Deale Road, Deale, Anne Arundel County, Maryland.

PROPOSED WORK: To hydraulically or mechanically maintenance dredge a main channel of approximately 396,195 square feet to a maximum depth of -7.0 feet at mean low water. Approximately 23,396 cubic yards of dredged material will be deposited at the approved Idlewilde dredged material placement site located on Idlewilde Road in Shady Side, Anne Arundel County, Maryland. In addition, the applicant is requesting maintenance dredging for a period of 10 years. The main channel will be dredged in five segments to various lengths, widths and depths as follows:

- Segment A will be 2,715 feet long by 60' wide -7.0' deep
- Segment B will be 1,291 feet long by 60' wide -6.0' deep
- Segment C will be 1,162 feet long by 50' wide to -5.0' deep
- Segment D will be 548 feet long by 50' to 30' wide to -4.0' deep
- Segment E will be 1,026' feet long by 30' wide to -3.0' deep

All work will be completed in accordance with the enclosed plans dated January 31, 2014. If you have any questions concerning this matter, please contact Mr. Richard Kibby, CENAB-OP-RMN, P.O. Box 1715, Baltimore, Maryland, 21203-1715 or richard.kibby@usace.army.mil.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 reasonable 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, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people.

The evaluation of the impacts of the work described above on the public interest will include application of the Clean Water Act 404(b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

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 provided will become part of the public record for this action. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland, 21203-1715 or richard.kibby@usace.army.mil, within the comment period specified above.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH).

The project site lies in or adjacent to EFH as described under MSFCMA for windowpane flounder (*Scopthalmus aquosus*) juvenile and adult; blue fish (*Pomatomus saltatrix*) juvenile and adult; summer flounder (*Paralichthys dentatus*) juvenile and adult; and egg, larvae, juvenile and adult stages of red drum (*Sciaenops ocellatus*), king mackerel (*Scomberomorus cavalla*), spanish mackerel (*Scomberomorus maculatus*), and cobia (*Rachycentron canadum*), all managed species under the MSFCMA.

The project has the potential to adversely affect EFH or the species of concern by loss of spawning, nursery, forage and/or shelter habitat as described under the MSFCMA for the species and life stages identified above. The Baltimore District has made a preliminary determination that site-specific impacts would not be substantial and an abbreviated consultation will be conducted with NMFS. This determination may be modified if additional information indicates otherwise and would change the preliminary determination.

WATER QUALITY CERTIFICATION: The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the Maryland Department of the Environment. Any written comments concerning the work described above which relate to water quality certification must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. The Section 401 certifying agency has a statutory limit of one year from the date of this public notice to make its decision.

COASTAL ZONE MANAGEMENT PROGRAMS: The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the approved Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement. It should be noted that the CZM Program has a statutory limit of 6 months to make its consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

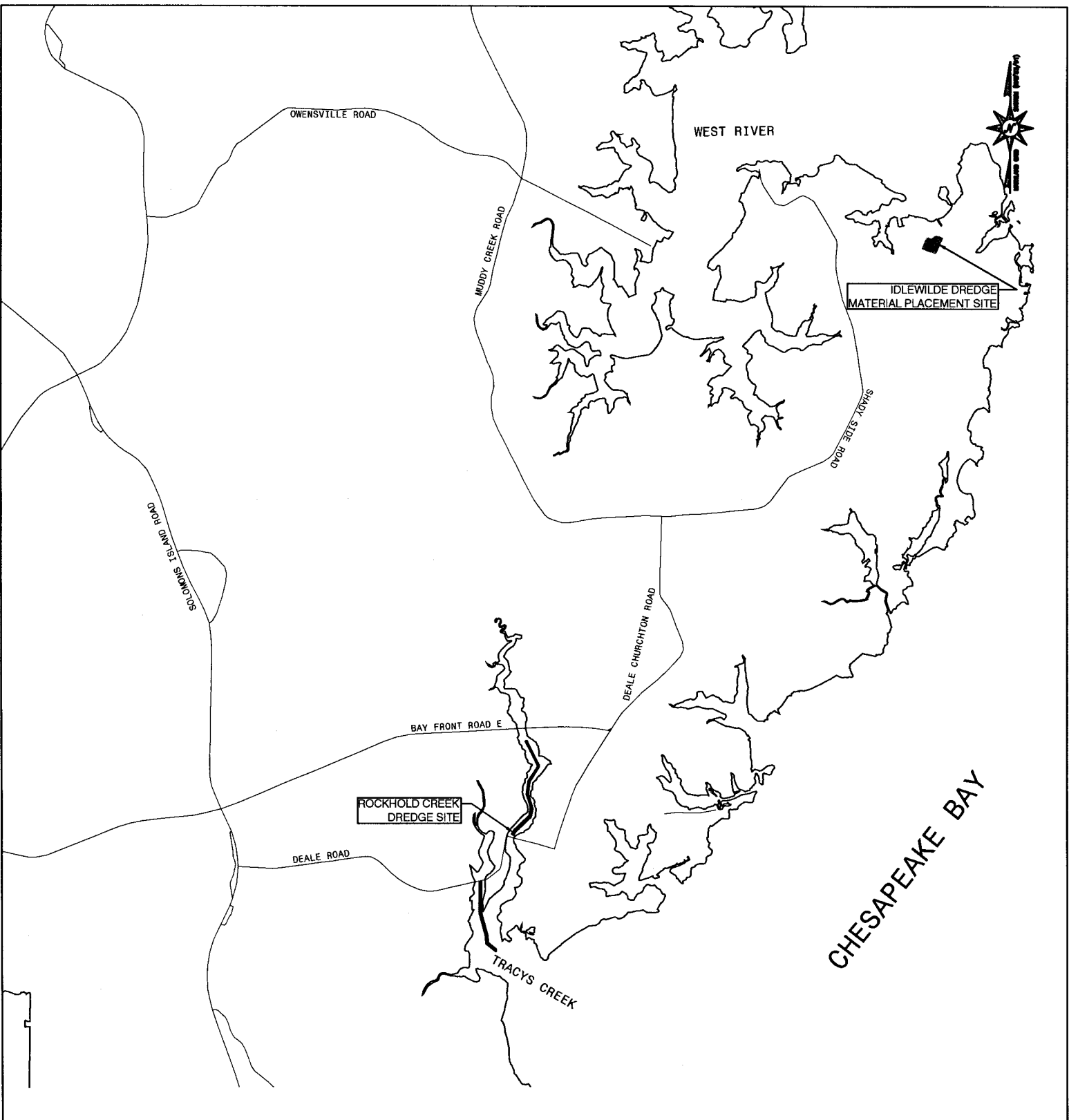
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

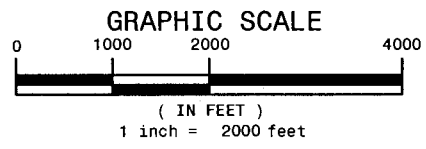
It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Joseph P. DaVia
Chief, Maryland Section Northern



CHESAPEAKE BAY



ROCKHOLD CREEK
 MAIN CHANNEL

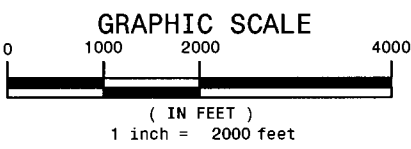
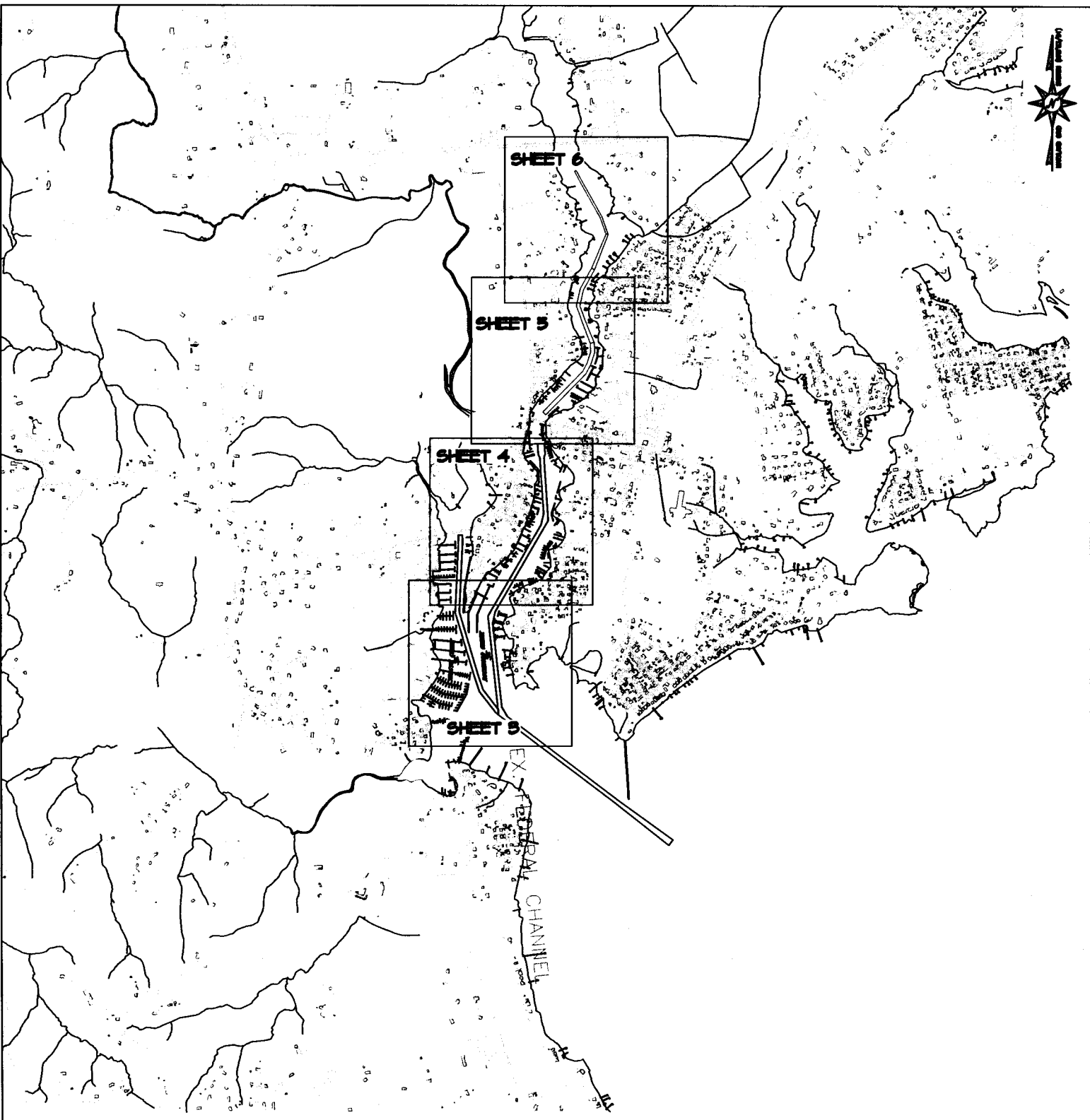
PROPOSED COUNTY DREDGING
 ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY
 DEPARTMENT OF PUBLIC WORKS

JANUARY 31, 2014 SHEET 1 OF 9

BayLand
 Consultants & Designers, Inc.
"Integrating Engineering and Environment"
 1321 Mercedes Drive, Suite A Phone: (410)694-9401
 Hanover, Maryland 21076 Fax: (410)694-9405
 Email: bayland@baylandinc.com
 Website: http://www.baylandinc.com

ROCKHOLD CREEK
 VICINITY MAP



ROCKHOLD CREEK

MAIN CHANNEL

PROPOSED COUNTY DREDGING

ANNE ARUNDEL COUNTY, MD

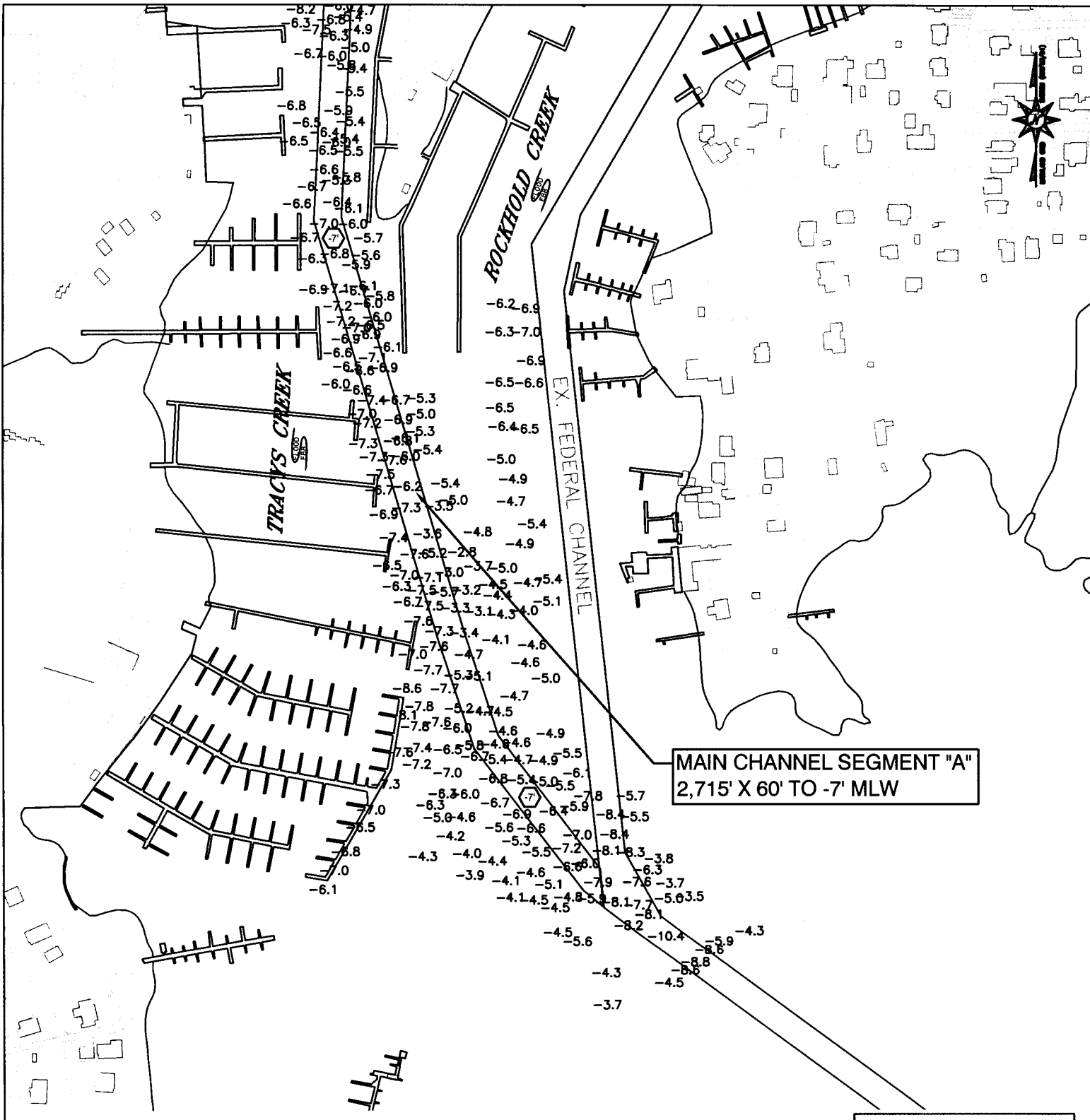
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DEPARTMENT OF PUBLIC WORKS

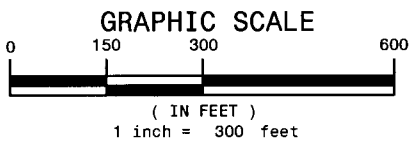
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ROCKHOLD CREEK
KEY SHEET



MAIN CHANNEL SEGMENT "A"
 2,715' X 60' TO -7' MLW



2013 SAV LEGEND	
	SAV BED FROM SPRING 2013 SURVEY
2013	
SPRING SURVEY DATE: MAY 16, 2013 NO SAV OBSERVED	
SUMMER SURVEY DATE: AUGUST 15, 2013 NO SAV OBSERVED	

	PROPOSED COUNTY CHANNEL
	PROPOSED SPUR CHANNEL
	PROPOSED CHANNEL DEPTH
	SOUNDINGS BY BAYLAND
	SHORELINE
	APPROX. PROPERTY LINES
	EXISTING PILING
	EXISTING PILING
	PROPOSED PIER

ROCKHOLD CREEK
 MAIN CHANNEL

PROPOSED COUNTY DREDGING
 ANNE ARUNDEL COUNTY, MD
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ROCKHOLD CREEK
 MAIN CHANNEL



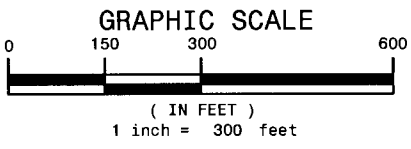
MAIN CHANNEL SEGMENT "A"
2,715' X 60' TO -7' MLW

-1.4
1.2-1.4
-1.5
1.3-1.4
-2.0
-2.1
1.7-2.3
-2.5-2.0
-5.2-4.0
-5.4-4.0
-5.8
-6.4-2.6
-4.7-2.9
-5.0
-5.4-4.4
-5.8
-5.7-4.6-4.0
-6.1-5.3-4.1
-5.9
-6.2-5.4-5.6
-6.5-5.2
-6.3
-4.6
-6.5
-4.7
-6.8
-4.5
-6.2-4.5
-8.2
-6.8
-6.3
-6.3
-4.9
-6.7-6.0
-5.8-4.4
-5.5
-6.8
-5.9
-6.5
-6.4
-6.5
-5.5

FRACYS CREEK

ROCKHOLD CREEK

EX. FEDERAL CHANNEL



2013 SAV LEGEND	
	SAV BED FROM SPRING 2013 SURVEY
2013	
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SUMMER SURVEY DATE: AUGUST 15, 2013 NO SAV OBSERVED	

	PROPOSED COUNTY CHANNEL
	PROPOSED SPUR CHANNEL
	PROPOSED CHANNEL DEPTH
	SOUNDINGS BY BAYLAND SHORELINE
	APPROX. PROPERTY LINES
	EXISTING PILING
	EXISTING PILING
	PROPOSED PIER

ROCKHOLD CREEK
MAIN CHANNEL
PROPOSED COUNTY DREDGING
ANNE ARUNDEL COUNTY, MD

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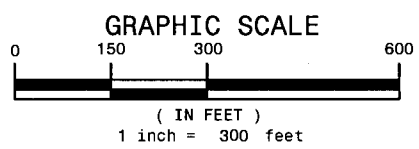
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ROCKHOLD CREEK
MAIN CHANNEL

MAIN CHANNEL SEGMENT "C"
1,162' X 50' TO -5' MLW

MAIN CHANNEL SEGMENT "B"
1,291' X 60' TO -6' MLW



2013 SAV LEGEND	
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2013	
SPRING SURVEY DATE: MAY 16, 2013 NO SAV OBSERVED	
SUMMER SURVEY DATE: AUGUST 15, 2013 NO SAV OBSERVED	

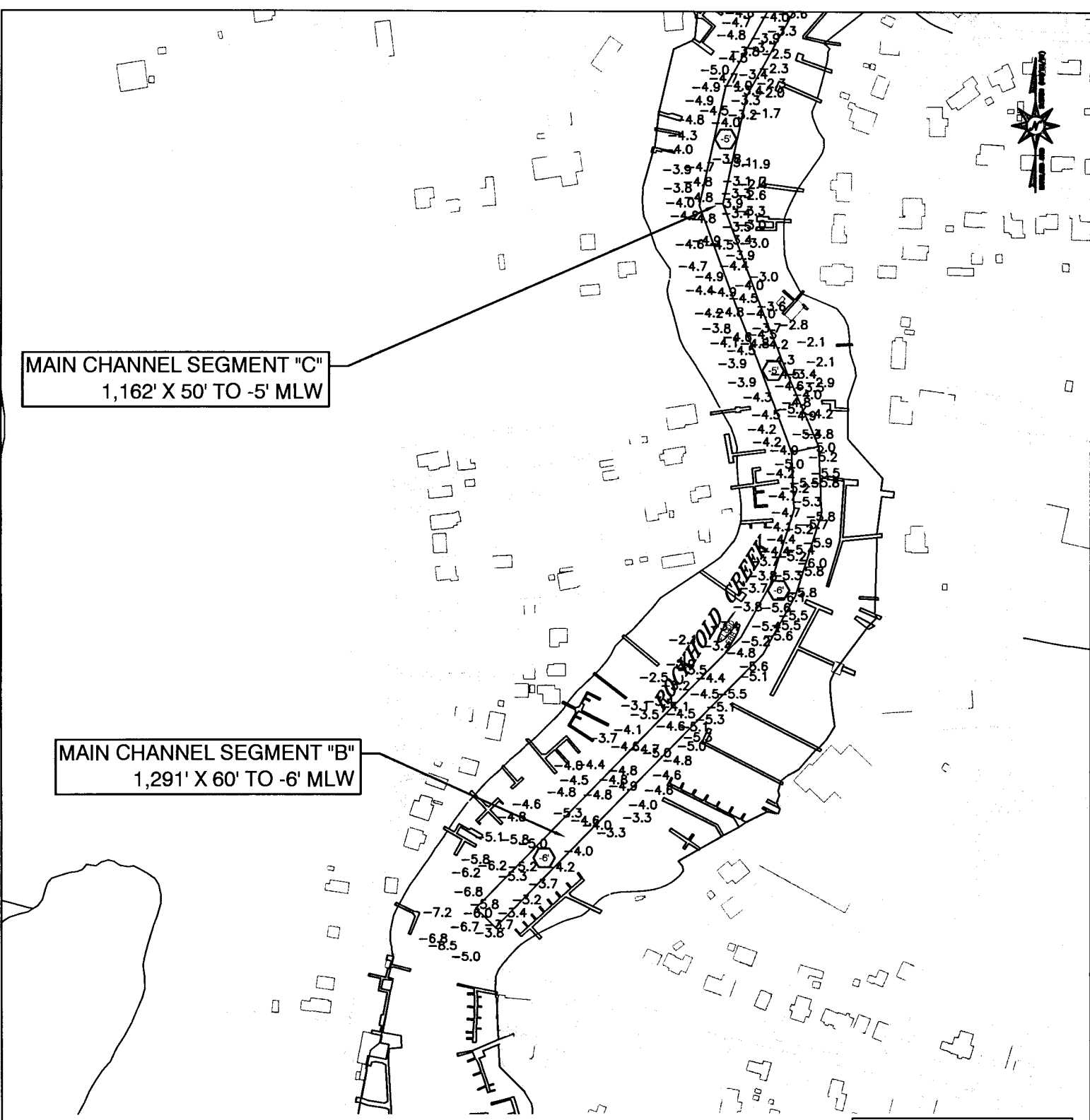
	PROPOSED COUNTY CHANNEL
	PROPOSED SPUR CHANNEL
	PROPOSED CHANNEL DEPTH
	SOUNDINGS BY BAYLAND SHORELINE
	APPROX. PROPERTY LINES
	EXISTING PILING
	EXISTING PILING
	PROPOSED PIER

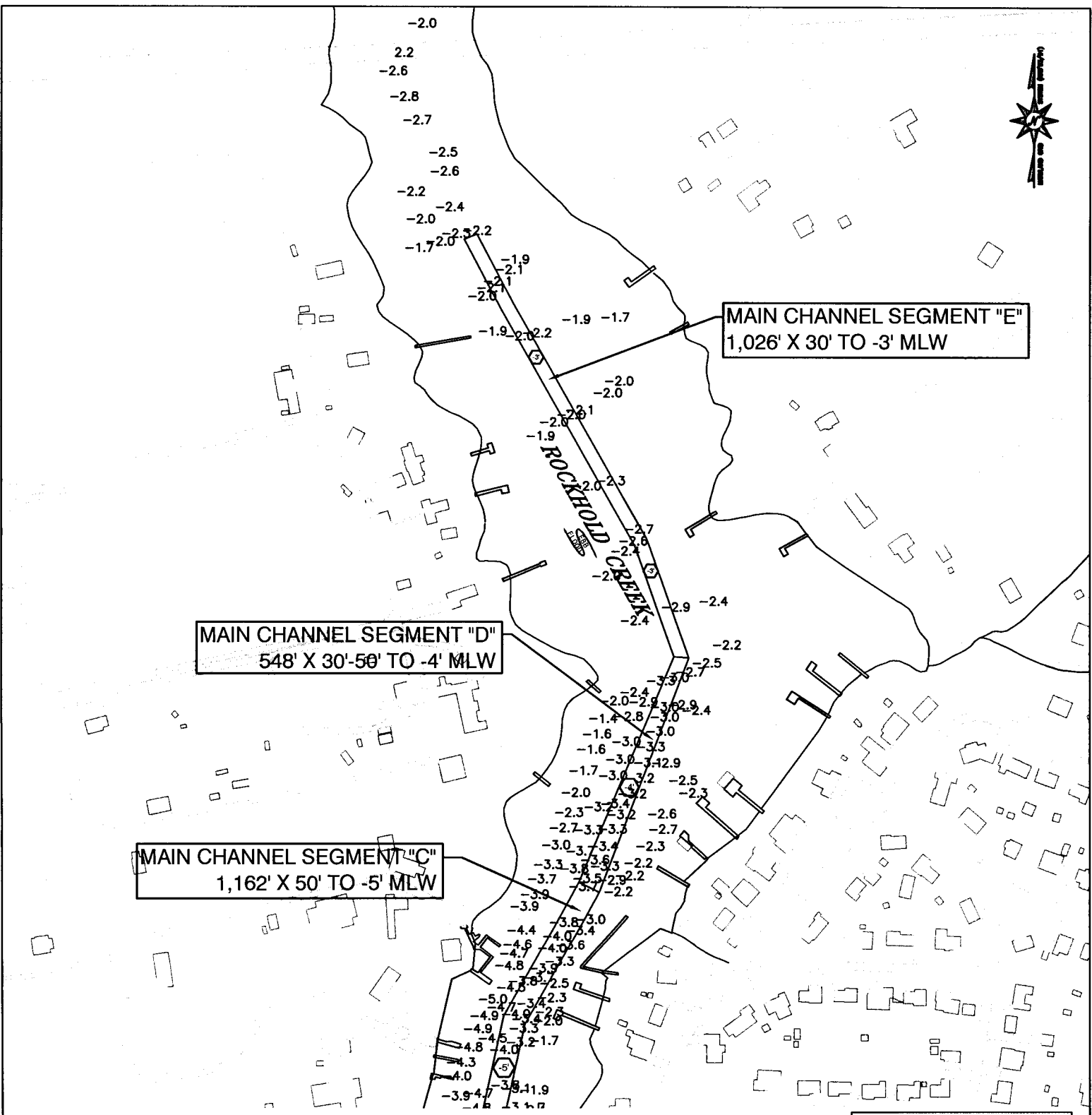
ROCKHOLD CREEK
MAIN CHANNEL

PROPOSED COUNTY DREDGING
ANNE ARUNDEL COUNTY, MD
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ROCKHOLD CREEK
MAIN CHANNEL

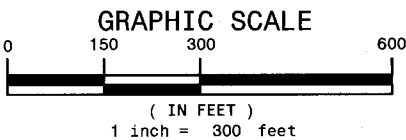




MAIN CHANNEL SEGMENT "D"
548' X 30'-50' TO -4' MLW

MAIN CHANNEL SEGMENT "E"
1,026' X 30' TO -3' MLW

MAIN CHANNEL SEGMENT "C"
1,162' X 50' TO -5' MLW



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	PROPOSED COUNTY CHANNEL
	PROPOSED SPUR CHANNEL
	PROPOSED CHANNEL DEPTH
	SOUNDINGS BY BAYLAND SHORELINE
	APPROX. PROPERTY LINES
	EXISTING PILING
	EXISTING PILING
	PROPOSED PIER

ROCKHOLD CREEK
MAIN CHANNEL

PROPOSED COUNTY DREDGING
ANNE ARUNDEL COUNTY, MD
APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

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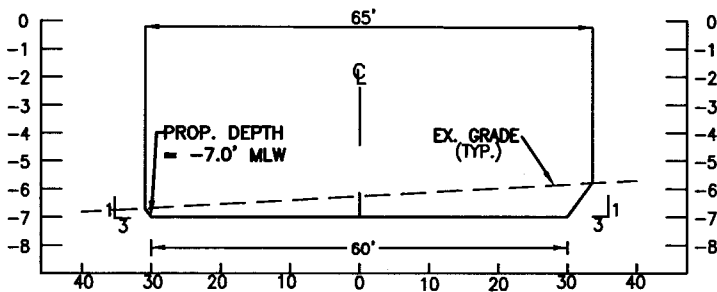
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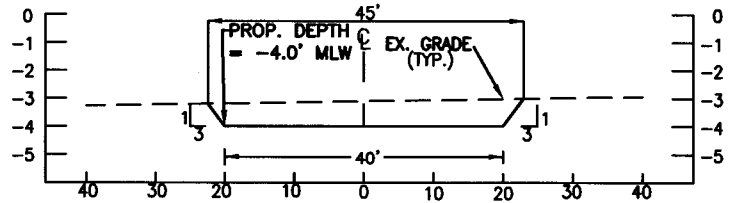
ROCKHOLD CREEK
MAIN CHANNEL

TYPICAL CHANNEL SECTIONS

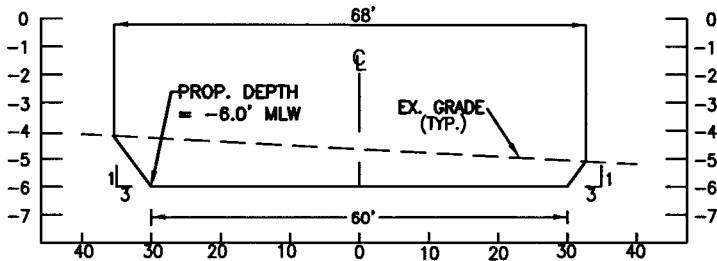
SECTION A-A
WIDTH OF IMPACT



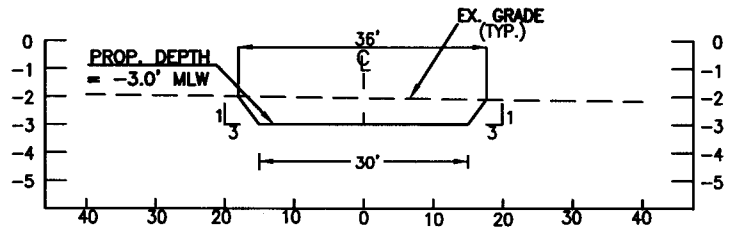
SECTION D-D
WIDTH OF IMPACT VARIES



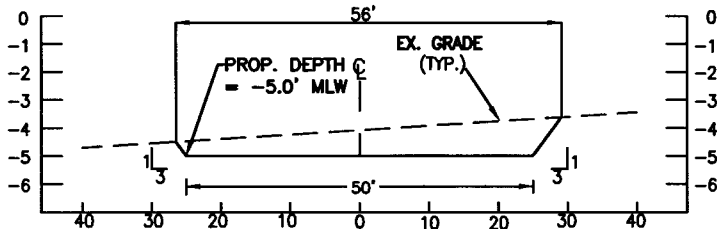
SECTION B-B
WIDTH OF IMPACT



SECTION E-E
WIDTH OF IMPACT



SECTION C-C
WIDTH OF IMPACT



ROCKHOLD CREEK

MAIN CHANNEL

PROPOSED COUNTY DREDGING

ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY

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ROCKHOLD CREEK
DREDGING SECTIONS

MAIN CHANNEL

CHANNEL	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)
SEGMENT A	2,715	60	-7.0'
SEGMENT B	1,291	60	-6.0'
SEGMENT C	1,162	50	-5.0'
SEGMENT D	548	50-30	-4.0'
SEGMENT E	1,026	30	-3.0'
TOTAL MAIN CHANNEL LENGTH			6,742 LF
TOTAL MAIN CHANNEL VOLUME WITH 0.5' OD			23,396 CY
TOTAL MAIN CHANNEL AREA OF IMPACT			396,195 SF = 9.1 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2013 SAV			0.0 SF = 0.0 AC

NOTES:

1. SOUNDINGS ARE IN FEET AND REFER TO MLW.
2. TIDAL RANGE IS 1.0 FEET.
3. THESE ARE PERMIT DRAWINGS ONLY AND ARE SUBJECT TO CHANGE DURING THE PERMITTING PROCESS. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.
4. MATERIAL TO BE PLACED AT IDLEWILDE DMP.

ROCKHOLD CREEK

MAIN CHANNEL

PROPOSED COUNTY DREDGING

ANNE ARUNDEL COUNTY, MD

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DEPARTMENT OF PUBLIC WORKS

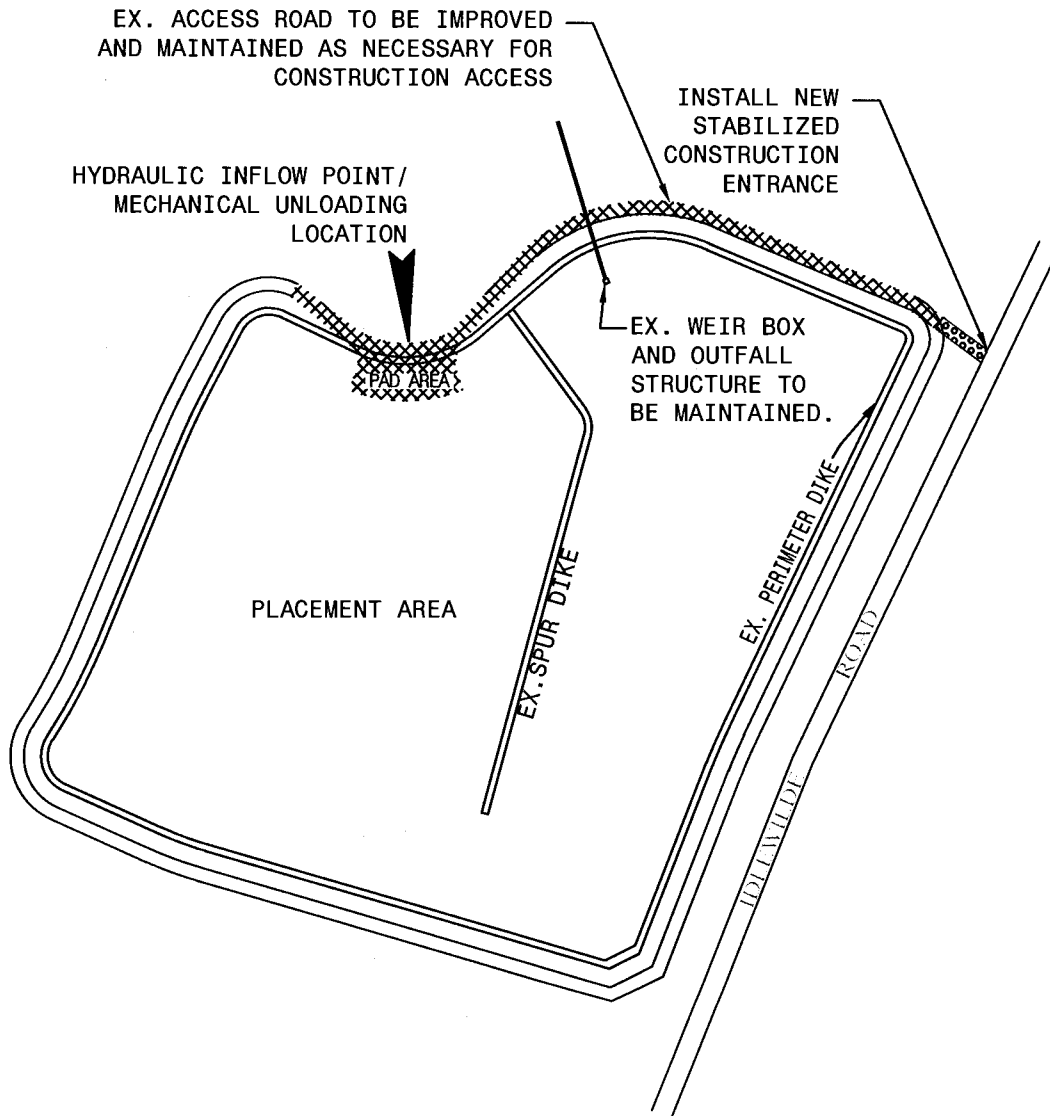
JANUARY 31, 2014 SHEET 8 OF 9

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ROCKHOLD CREEK
MAIN CHANNEL

IDLEWILDE DMP

N.T.S



ROCKHOLD CREEK

MAIN CHANNEL

PROPOSED COUNTY DREDGING

ANNE ARUNDEL COUNTY, MD

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**IDLEWILDE DREDGE
MATERIAL PLACEMENT
SITE**