

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

69A Hagood Avenue

Charleston, South Carolina 29403-5107

and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT

1362 McMillan Avenue, Suite 400

Charleston, South Carolina 29405

REGULATORY DIVISION

12 March 2004

Refer to: P/N # 2004-1H-046-P

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 *et seq.*) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

COQUINA HARBOR DREDGING JOINT VENTURE, LLC
722 SEABOARD STREET
MYRTLE BEACH, SOUTH CAROLINA 29577

for a permit to perform maintenance dredging in

COQUINA HARBOR

located adjacent to the Atlantic Intracoastal Waterway (AIWW), off of SC-90 E, at the end of Lightkeepers Way, Little River, Horry County, South Carolina (Latitude: 33.86279°, Longitude: 78.63853°).

In order to give all interested parties an opportunity to express their views

N O T I C E

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, APRIL 12, 2004

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of maintenance dredging approximately 46,800 cubic yards of material from a 20.2-acre area within Coquina Harbor. In detail, the works involves hydraulically dredging the outer channel to a depth of -10.0 feet (ft) mean low water (MLW), the inner channel to a depth of -9.0 ft MLW, and the harbor basin to a depth of 7.5 ft MLW. The applicant proposes to dispose of the material in the Horry County Confined Disposal Facility (CDF), Area 320 L-B (Tidewater Basin), which is under Corps of Engineers easement. The purpose of the proposed work, as stated by the applicant, is to provide adequate depth for safe navigation in the harbor.

It is understood that this work is to be conducted on/or adjacent to an area held by the United States in perpetuity in conjunction with a Congressionally authorized project for the maintenance and improvement of the Atlantic Intracoastal Waterway. Should the permit be

issued, appropriate provisions will be included in the permit to ensure the interests of the Federal Government are understood. The applicant has provided a copy of the Draft Sampling and Analysis Plan for the marina. Copies of plan have been forwarded to the appropriate State and Federal Agencies for review.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 20.2 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any Federally listed or proposed to be listed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

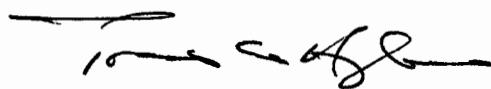
The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, 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, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. 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 project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project 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, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

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 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 project. 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 activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Travis Hughes
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



**COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY
MAINTENANCE DREDGING
WAMPEE QUAD MAP**

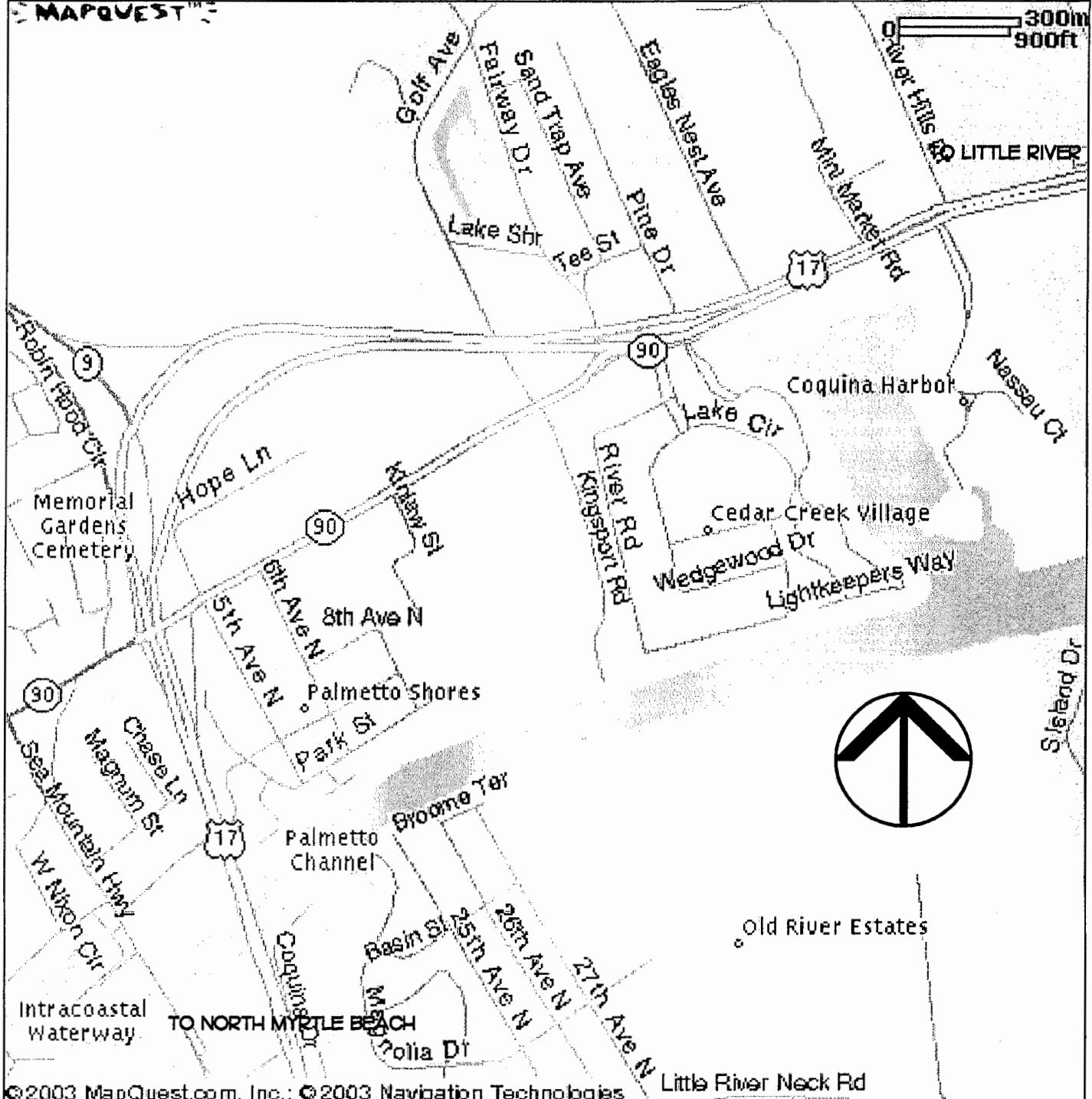
**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

**COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 2000 FT.**

SHEET 1 OF 38

MAPQUEST™

300m
900ft



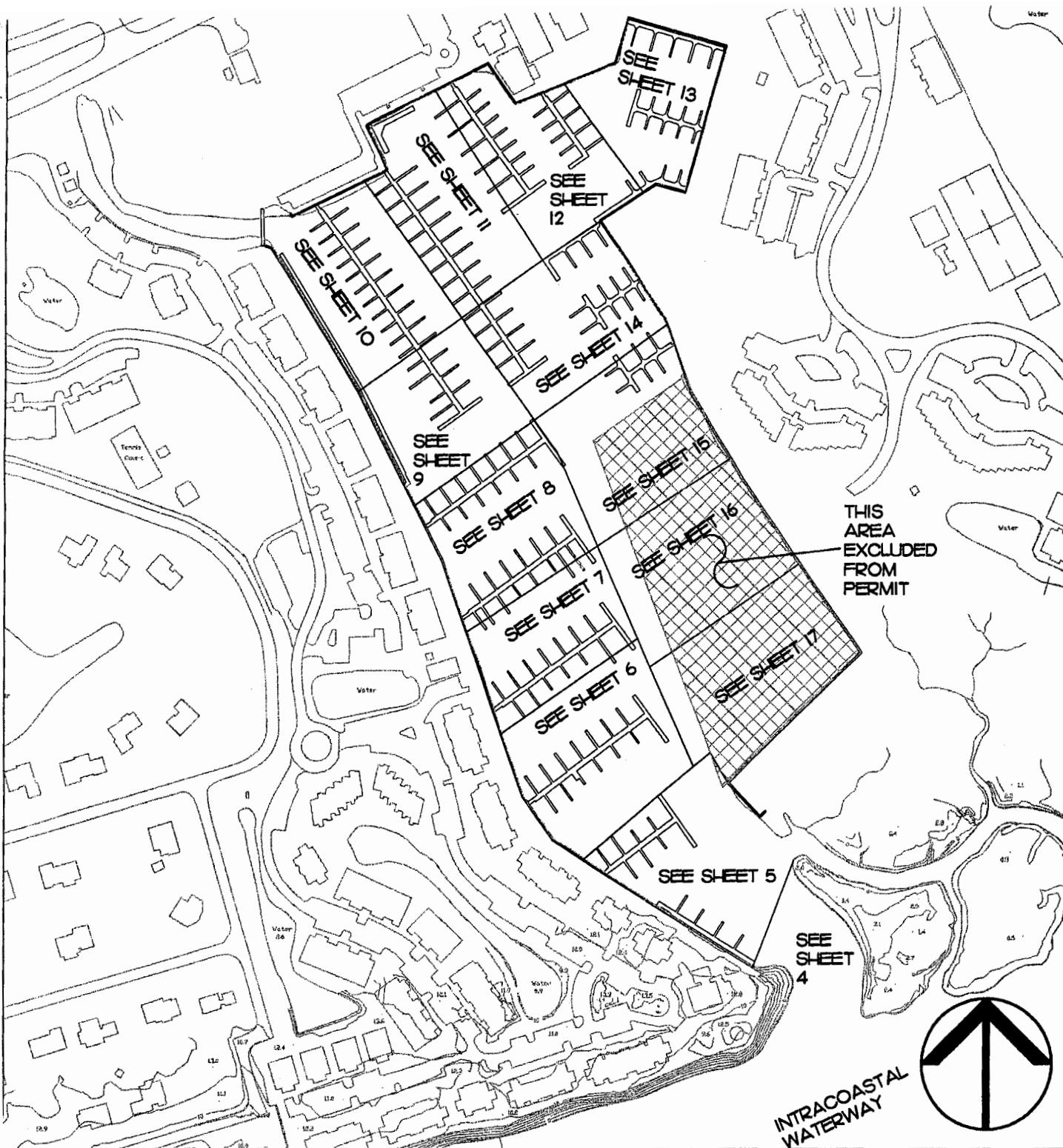
COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY
MAINTENANCE DREDGING

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 1200 FT.

LOCATION MAP

SHEET 2 OF 38



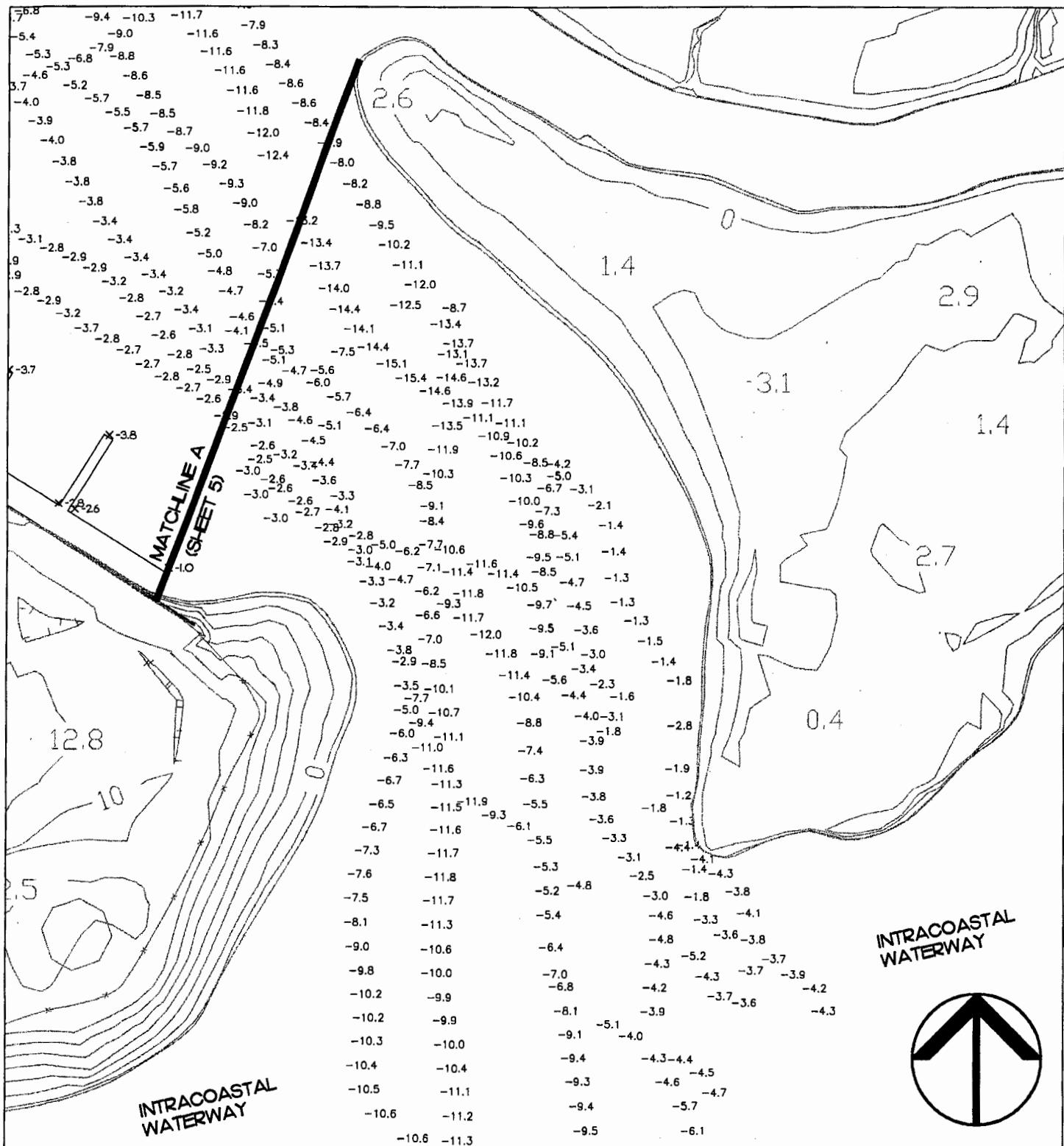
**COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY**

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)
KEY**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 300 FT.

SHEET 3 OF 38



ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

0 60 FT.

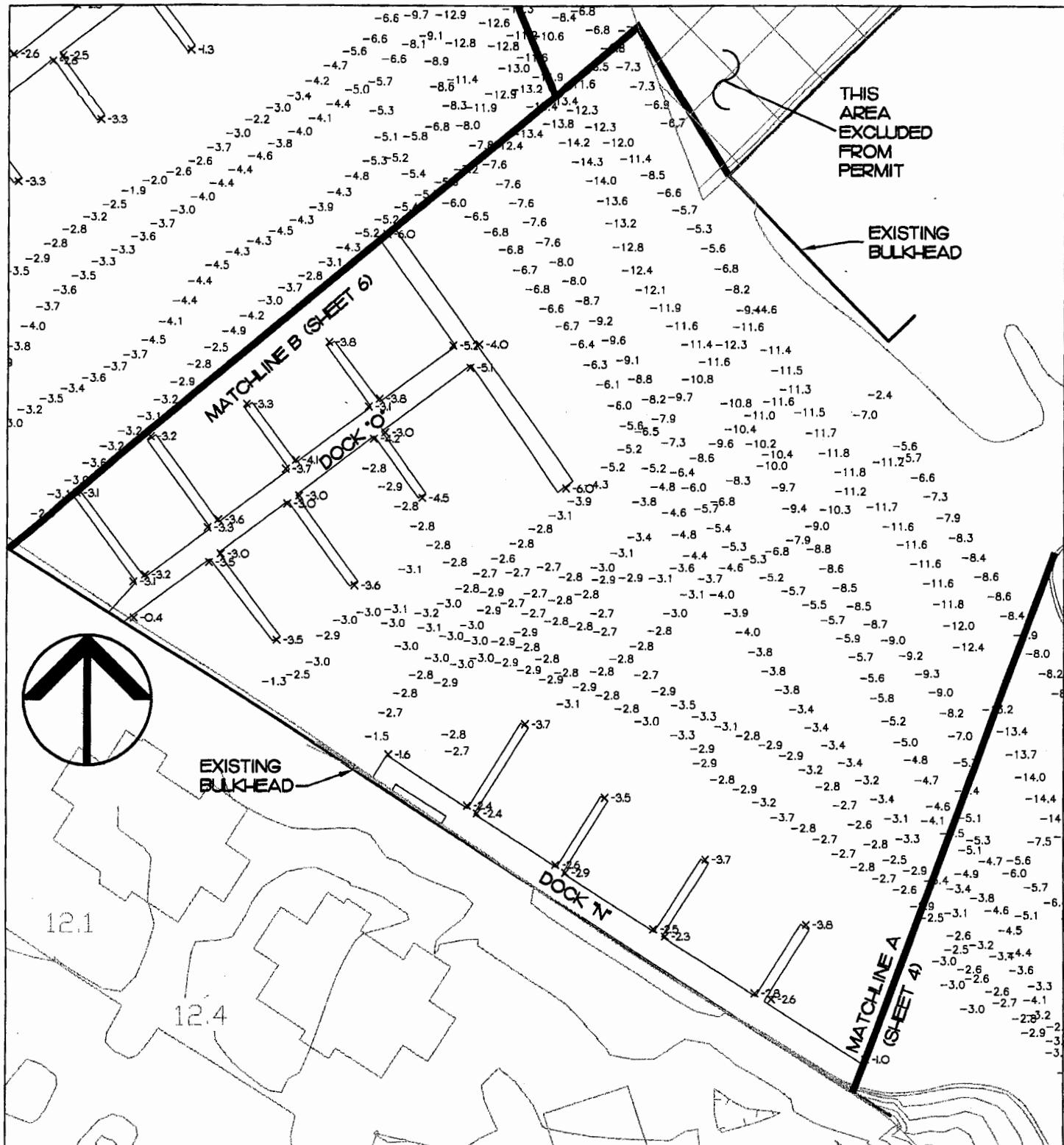
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

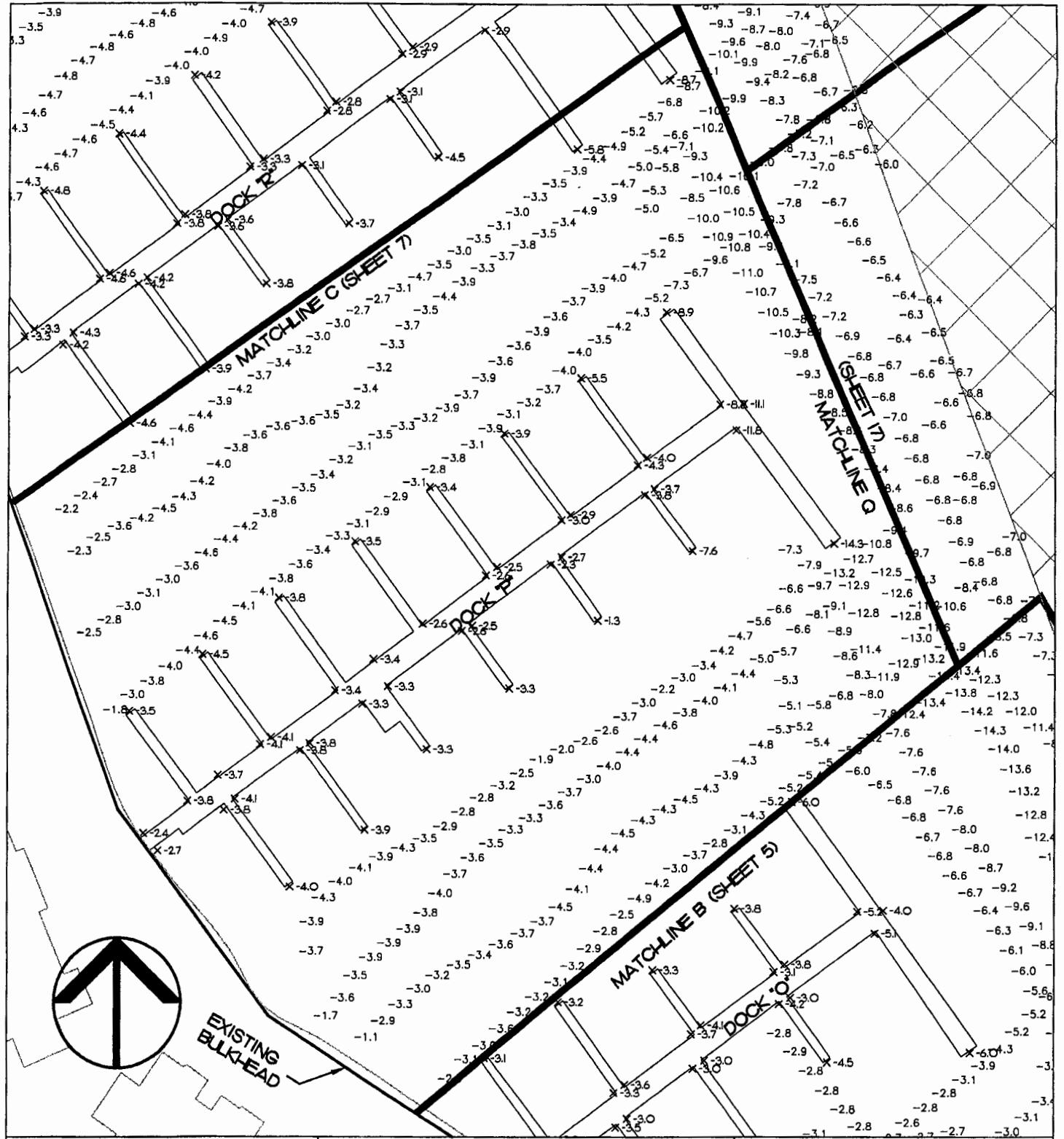
EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 4 OF 38





ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

60 FT.

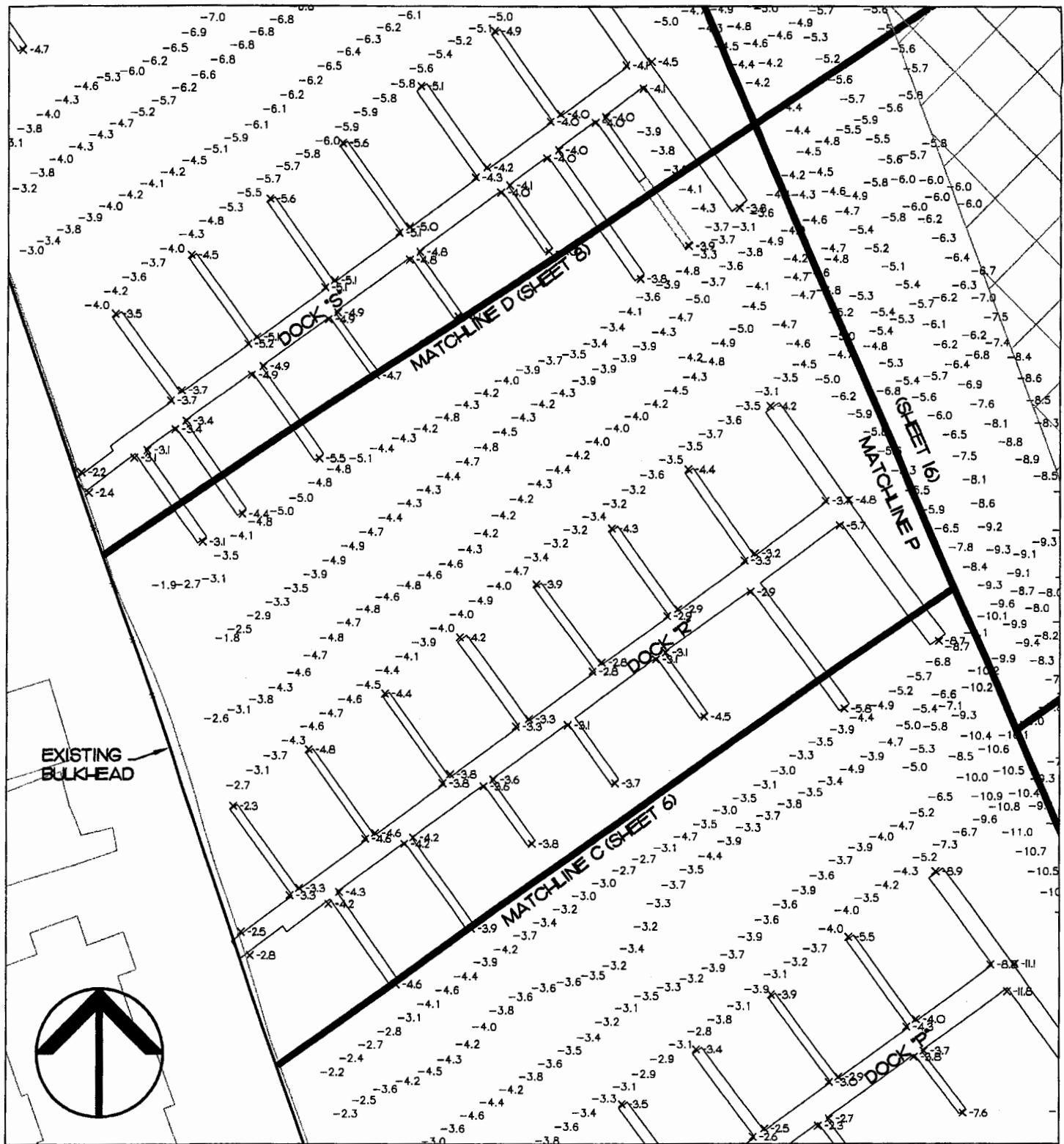
**COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY**

EXISTING CONDITIONS (HYDROGRAPHIC SOUNDINGS)

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: Horry
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET 6 OF 38

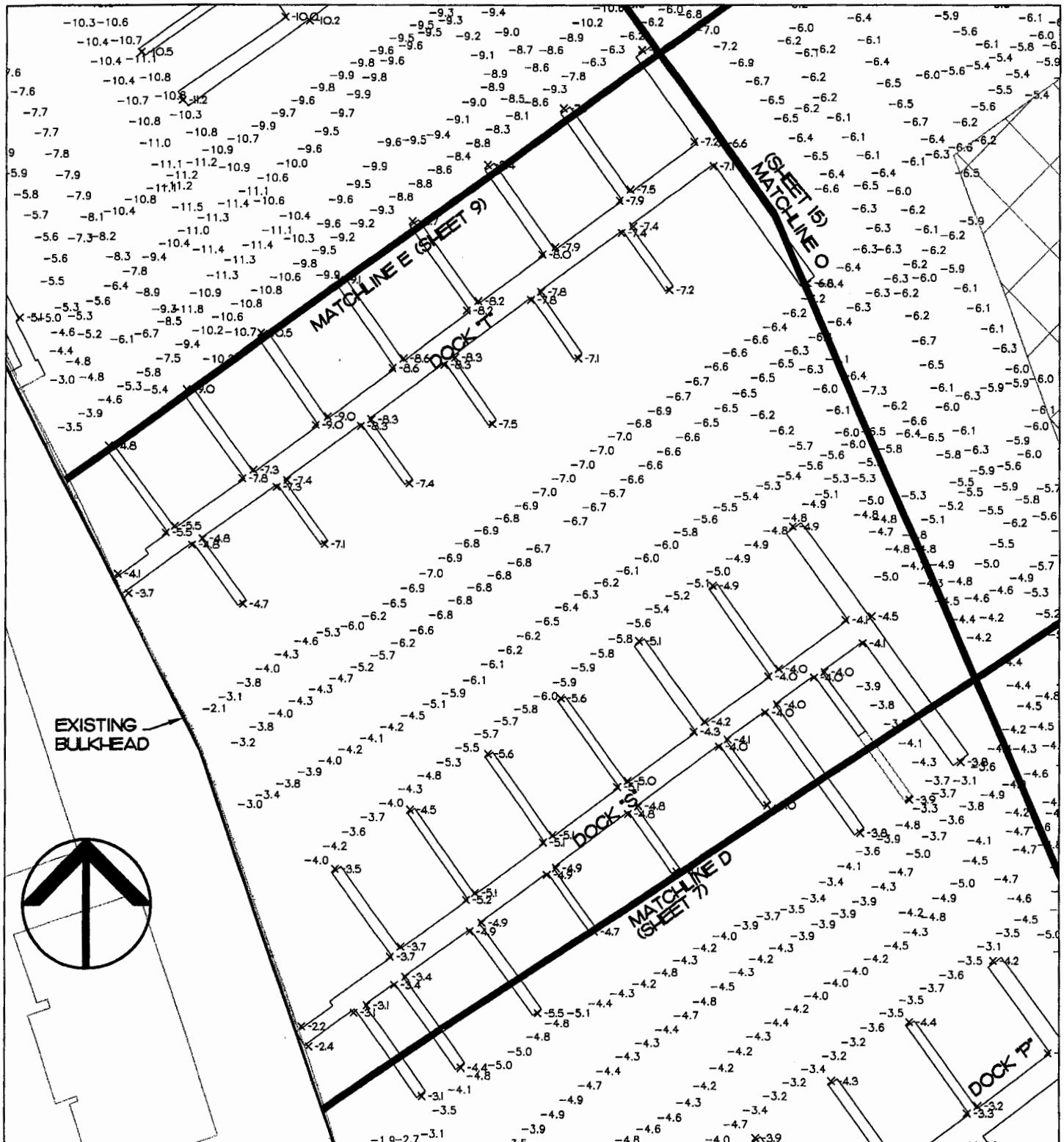


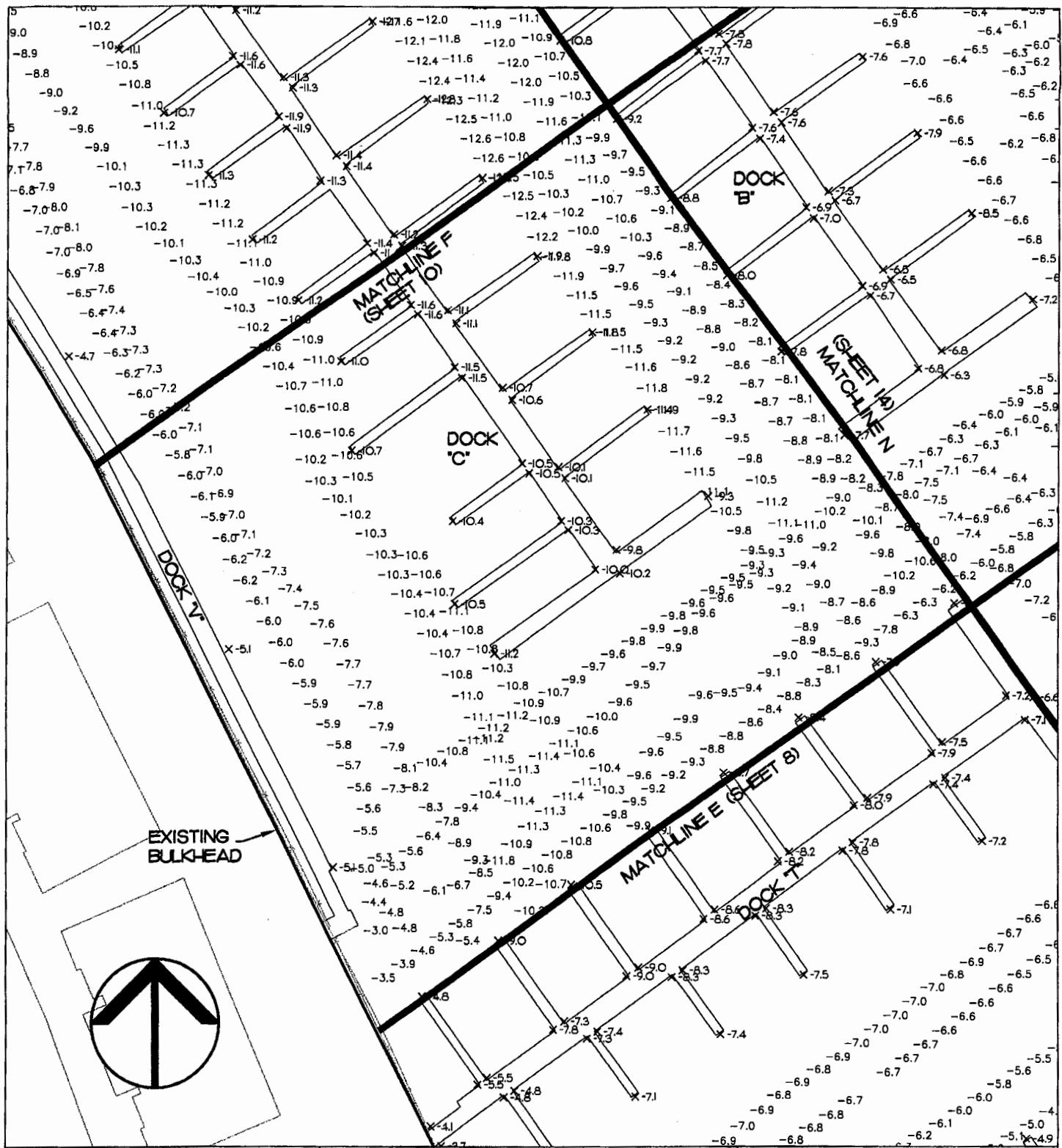
**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 7 OF 38





ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

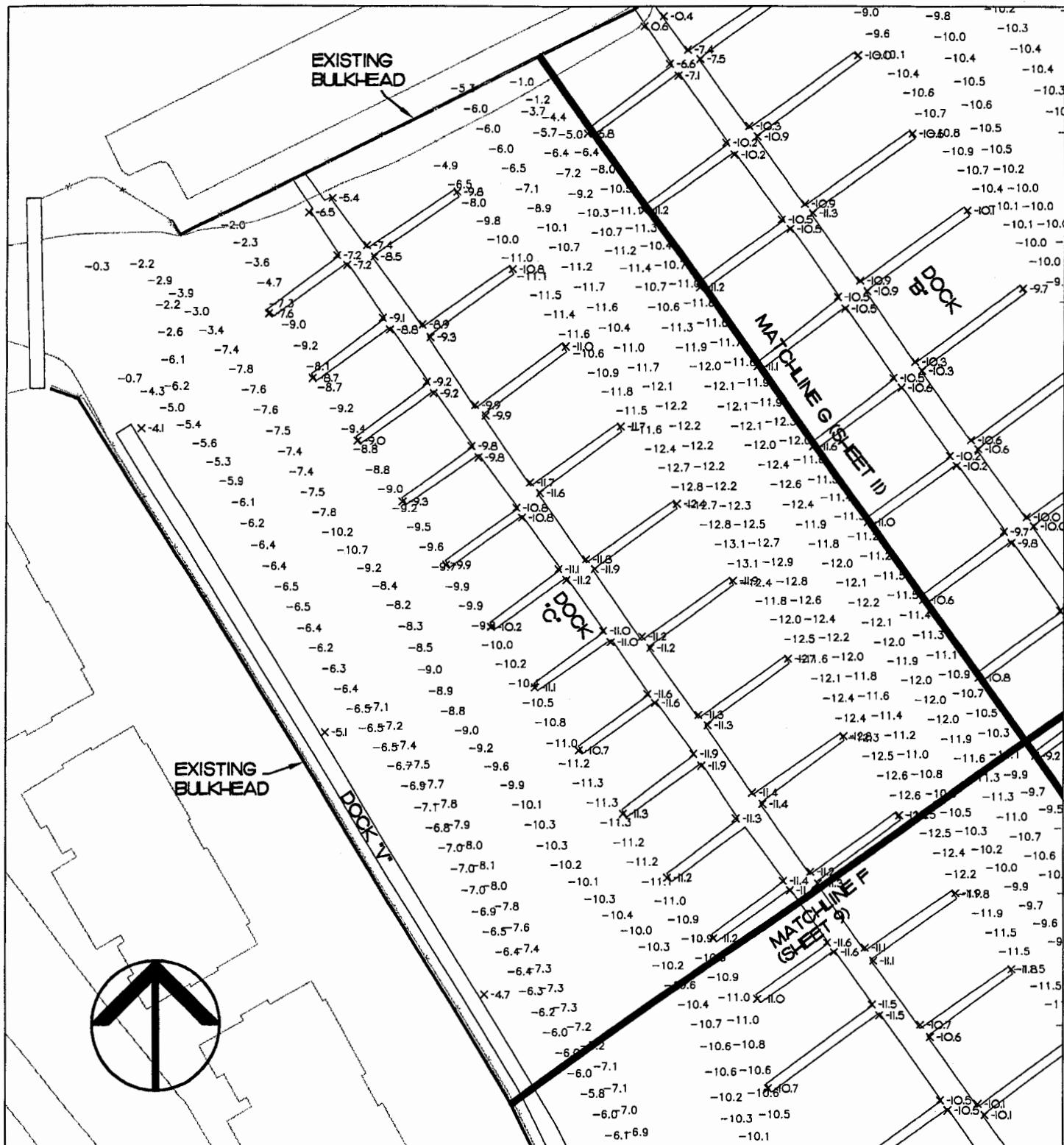
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

PROPOSED MAINTENANCE DREDGING IN COQUINA HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET 9 OF 38

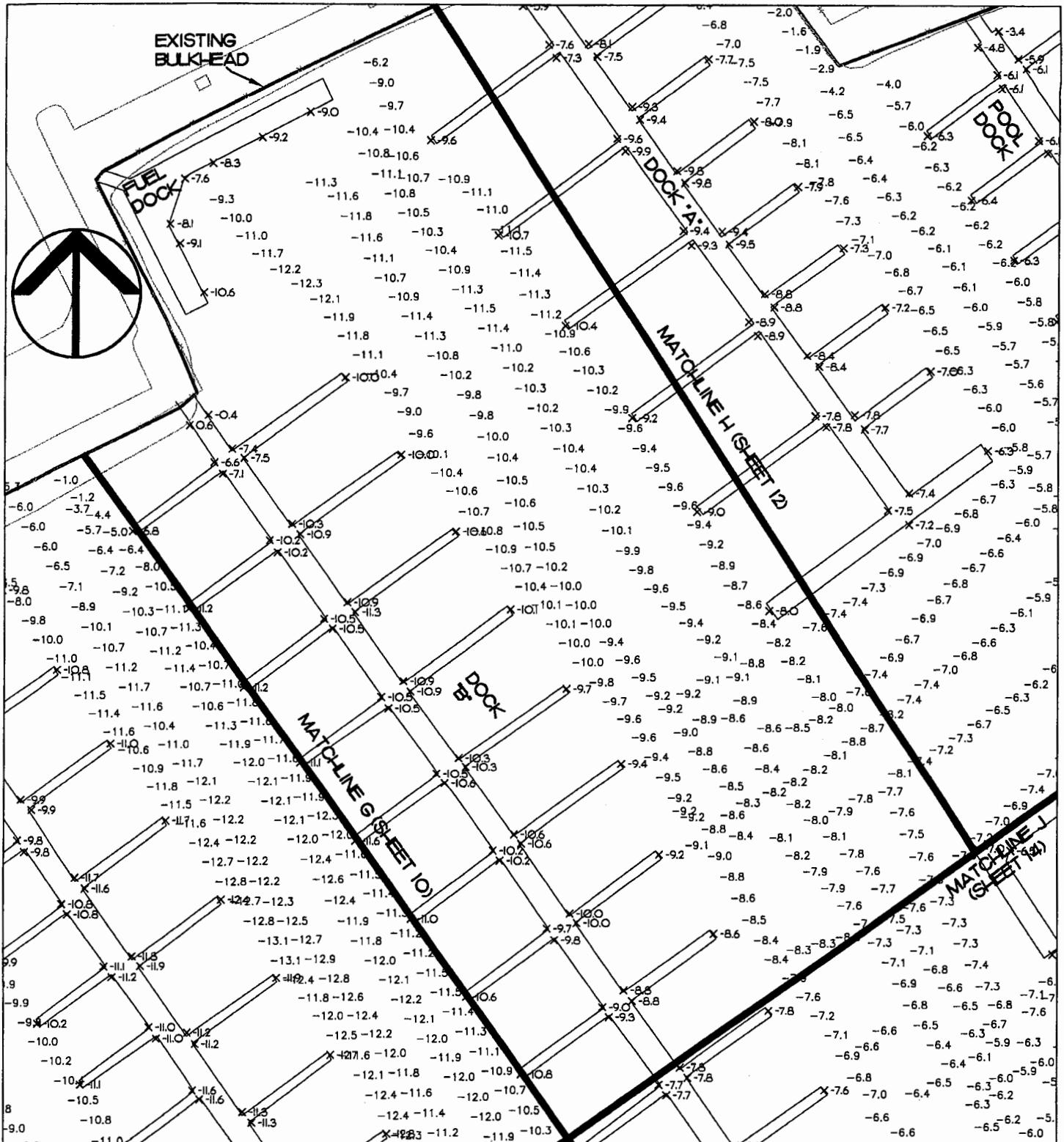


COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF HORRY
STATE OF SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.



ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

0 60 FT.

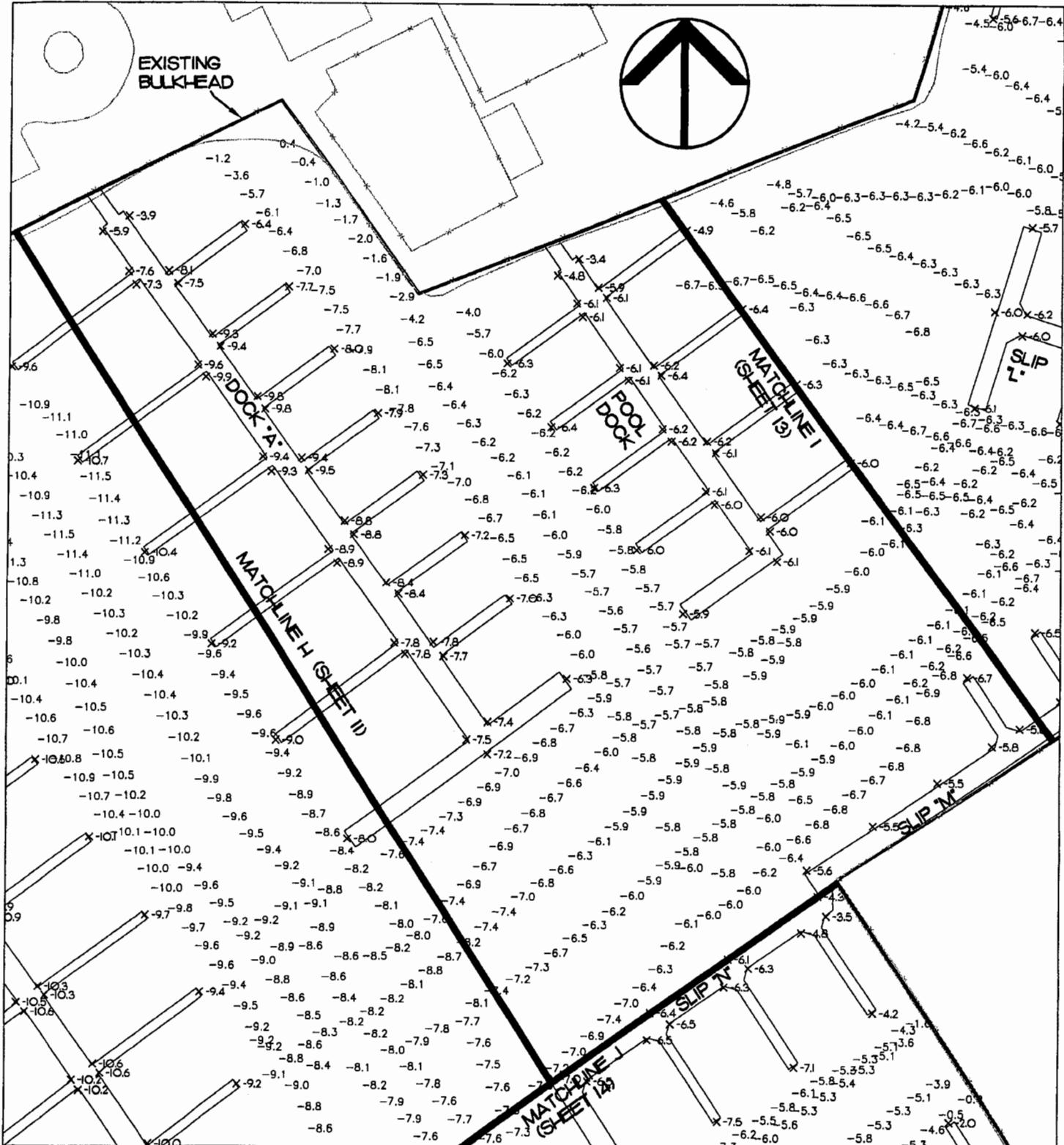
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET II OF 38



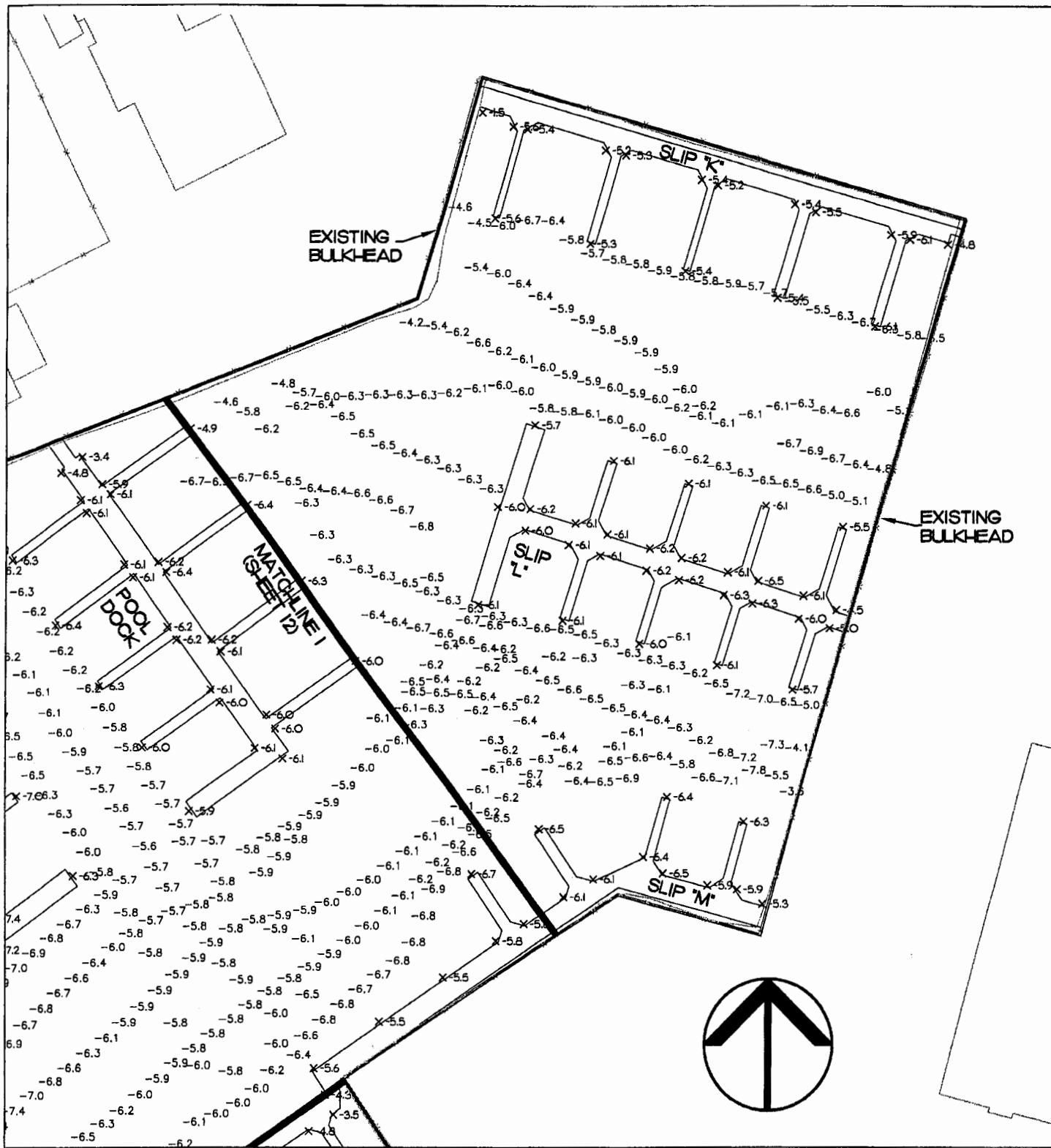
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 12 OF 38



ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

0 60 FT.

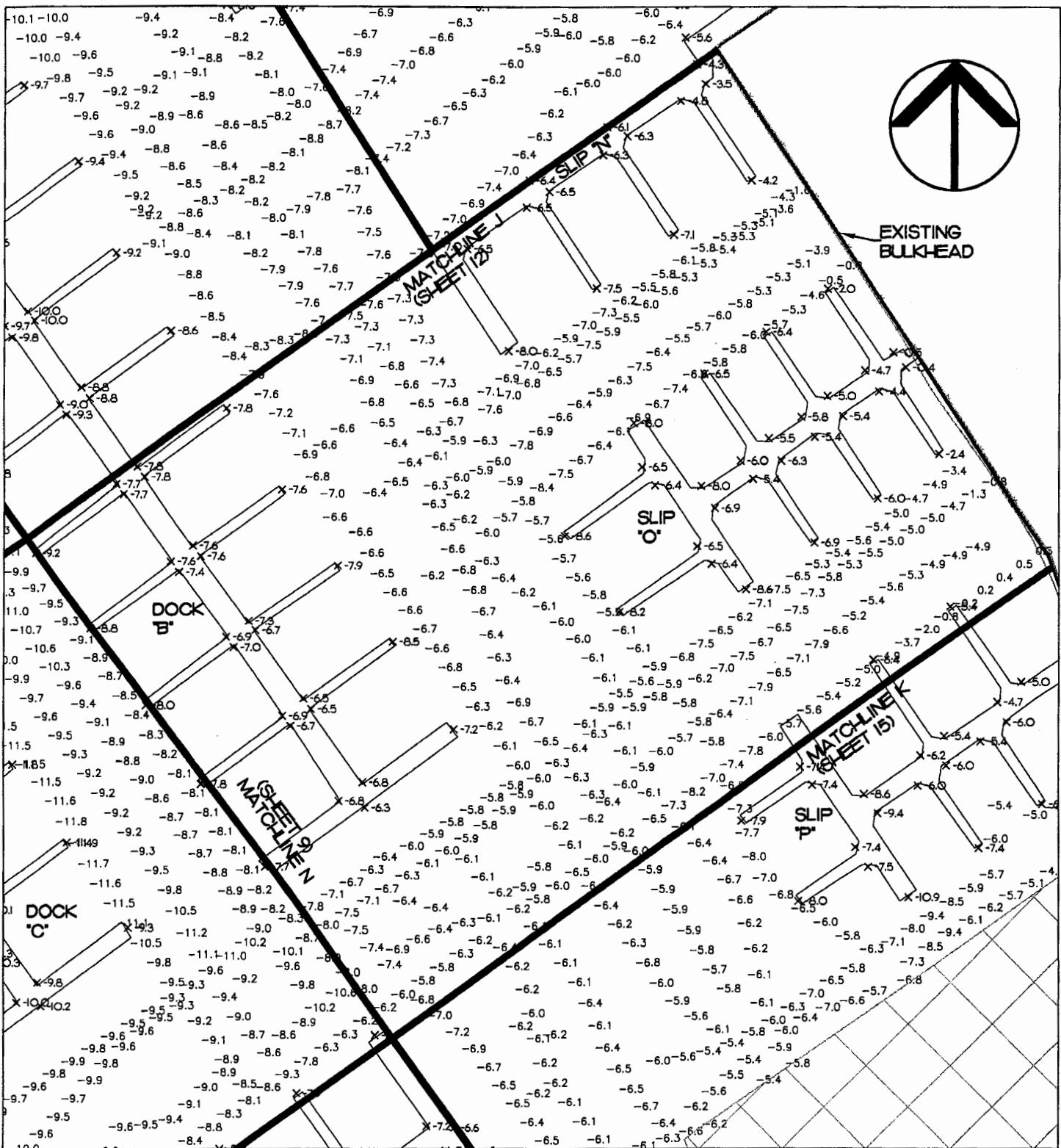
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 13 OF 38



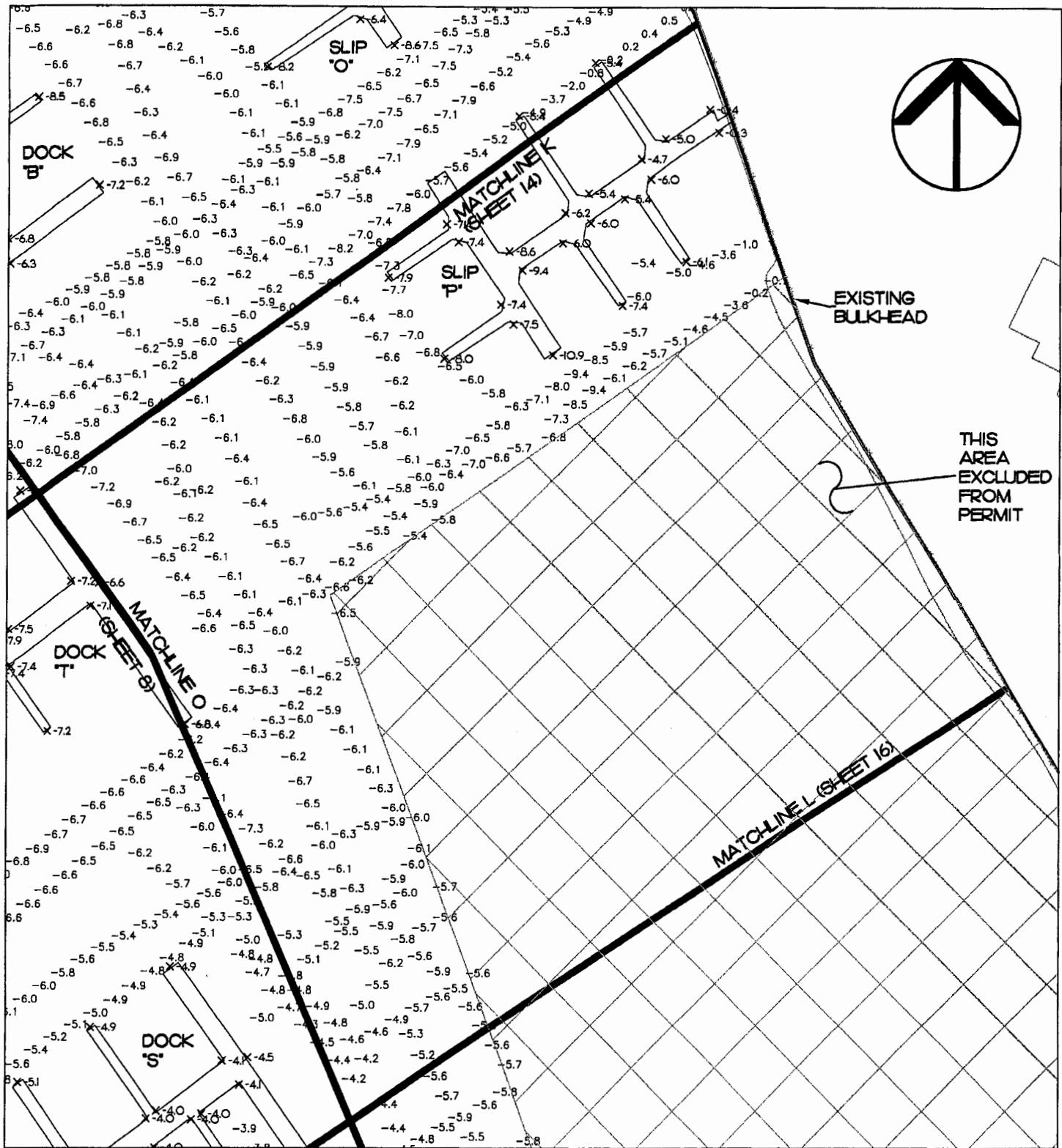
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET 14 OF 38



ALL SOUNDINGS
RELATIVE TO MEAN
LOW WATER (MLW)

0 60 FT.

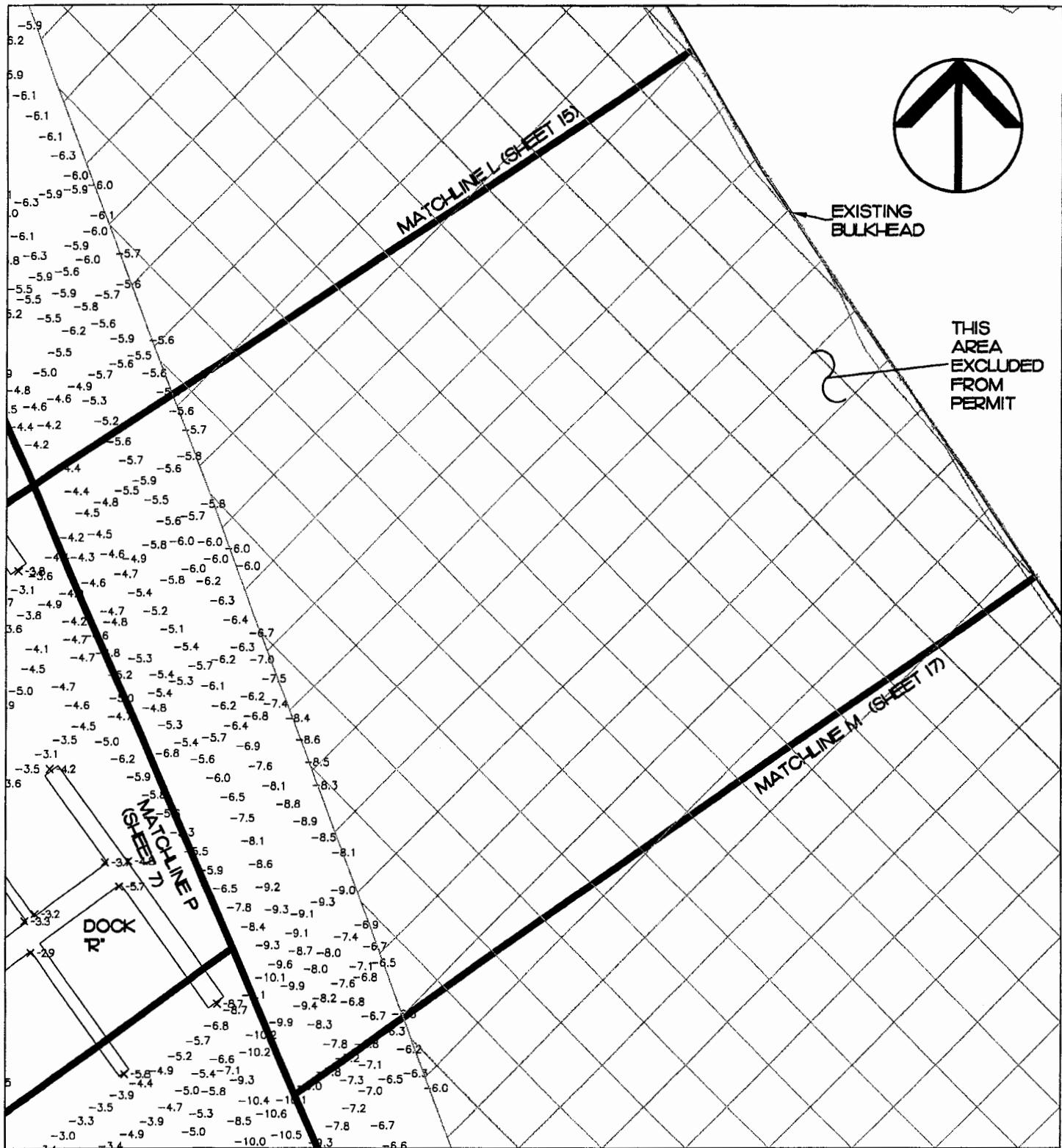
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 15 OF 38

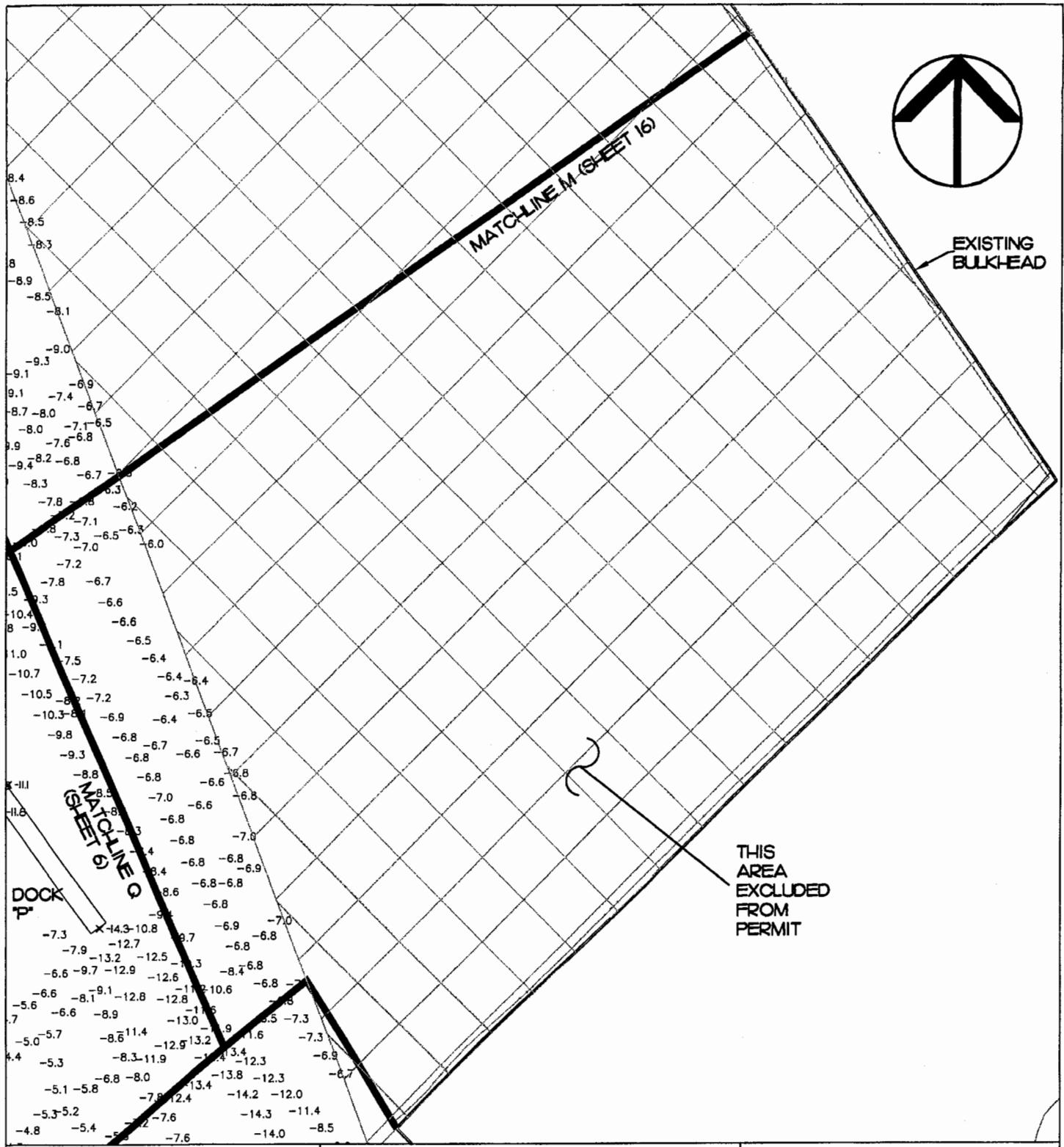


COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.



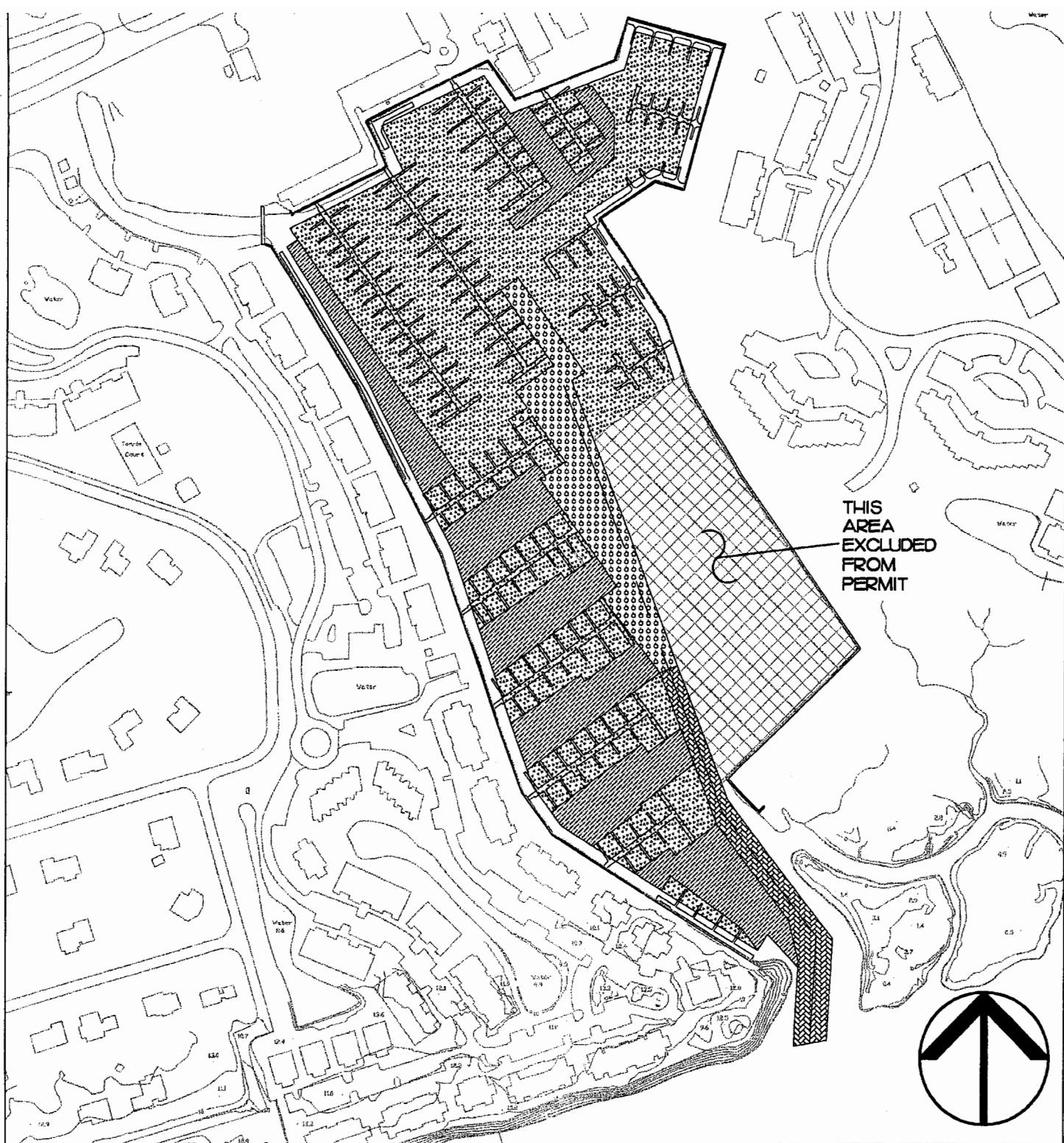
**COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY**

**EXISTING CONDITIONS
(HYDROGRAPHIC
SOUNDINGS)**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 17 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



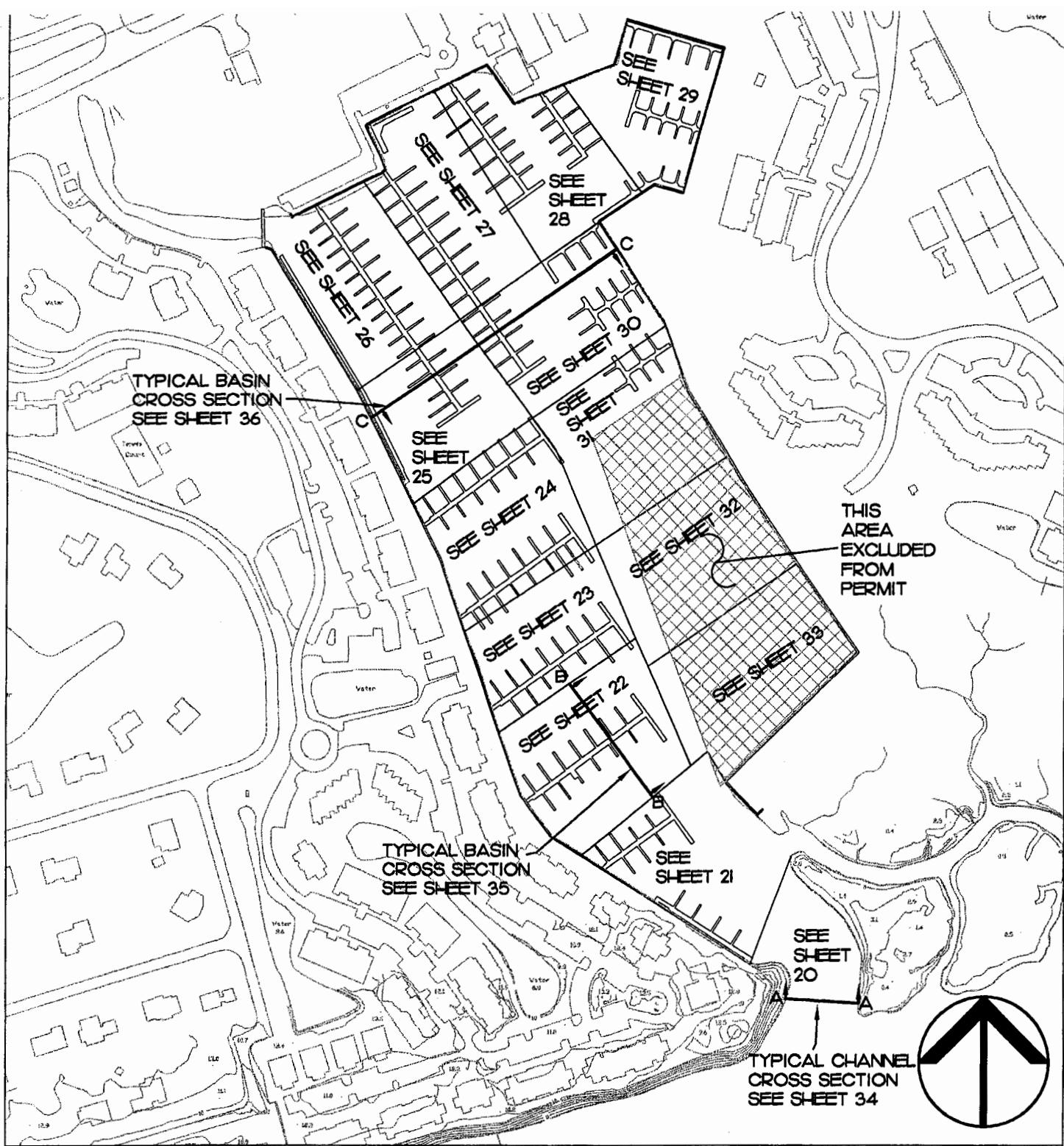
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE 1 IN. = 300 FT.

SHEET 18 OF 38



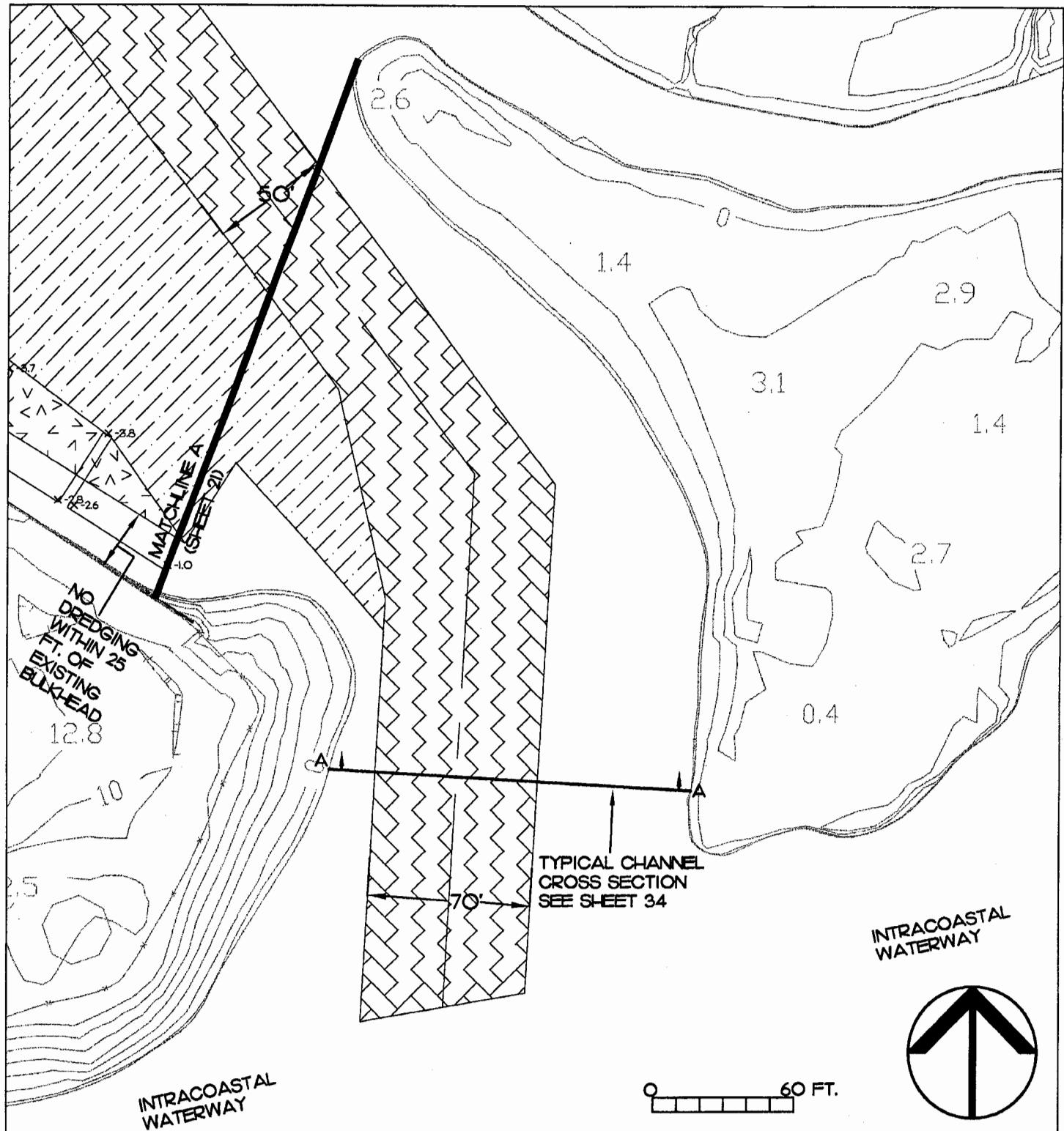
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS KEY

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 300 FT.

SHEET 19 OF 38



OUTER CHANNEL DREDGE AREA FINISH ELEV. - (-10.0 MLW + 1.0 A. O/D) MLW	
INNER CHANNEL DREDGE AREA FINISH ELEV. - (-9.0 MLW + 1.0 A. O/D) MLW	
PRIMARY DREDGE AREA FINISH ELEVATION - (-7.5 MLW + 1.0 A. O/D) MLW	
SPOT DREDGING FINISH ELEVATION VARIES N.E. (-7.5 MLW + 1.0 A. O/D) MLW	

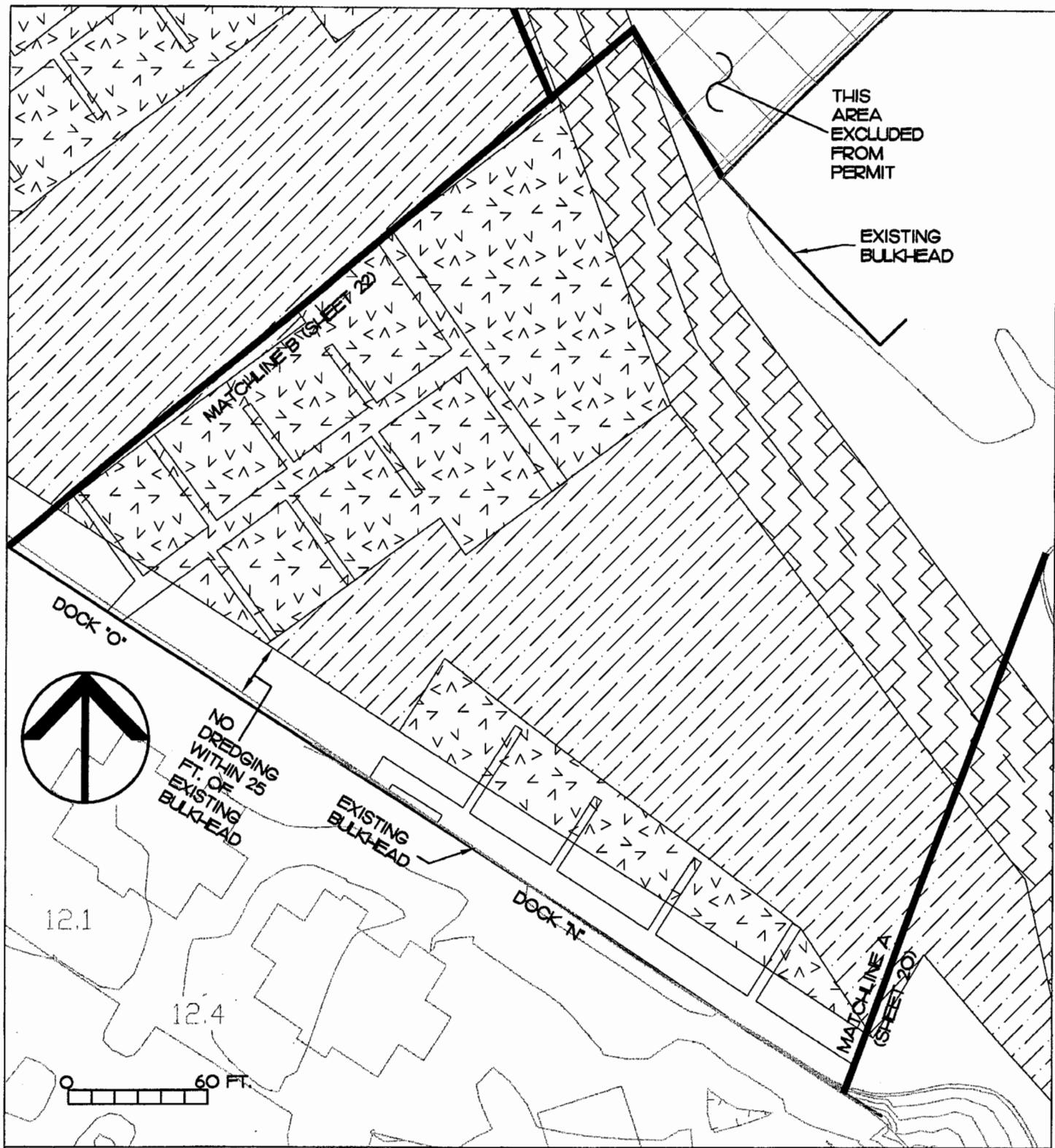
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 20 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + 1.0 A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + 1.0 A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + 1.0 A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + 1.0 A. O/D) MLW

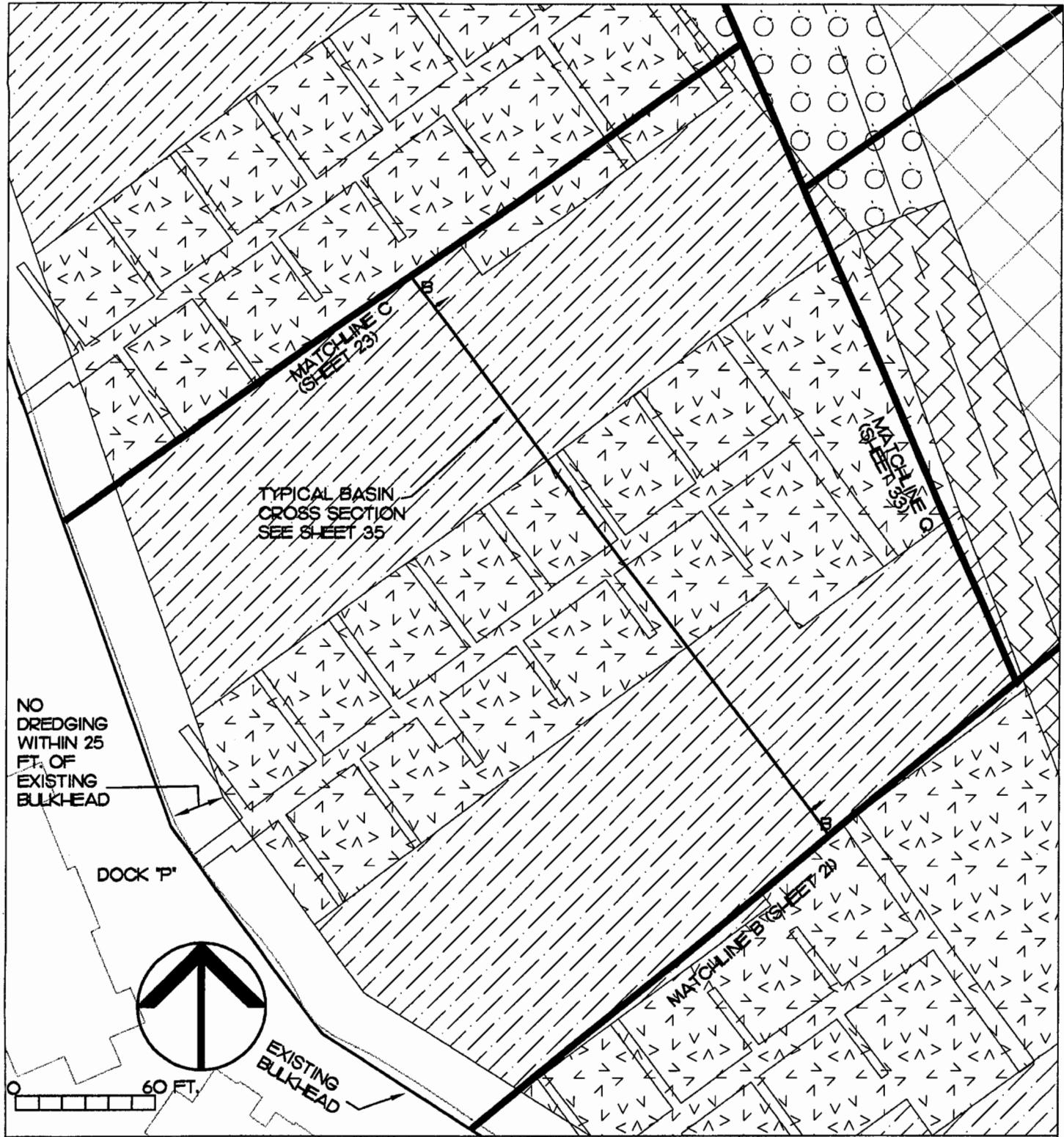


COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.



OUTER CHANNEL DREDGE AREA FINISH ELEV. - (-10.0 MLW + 1.0 A. O/D) MLW	
INNER CHANNEL DREDGE AREA FINISH ELEV. - (-9.0 MLW + 1.0 A. O/D) MLW	
PRIMARY DREDGE AREA FINISH ELEVATION - (-7.5 MLW + 1.0 A. O/D) MLW	
SPOT DREDGING FINISH ELEVATION VARIES N.E. (-7.5 MLW + 1.0 A. O/D) MLW	

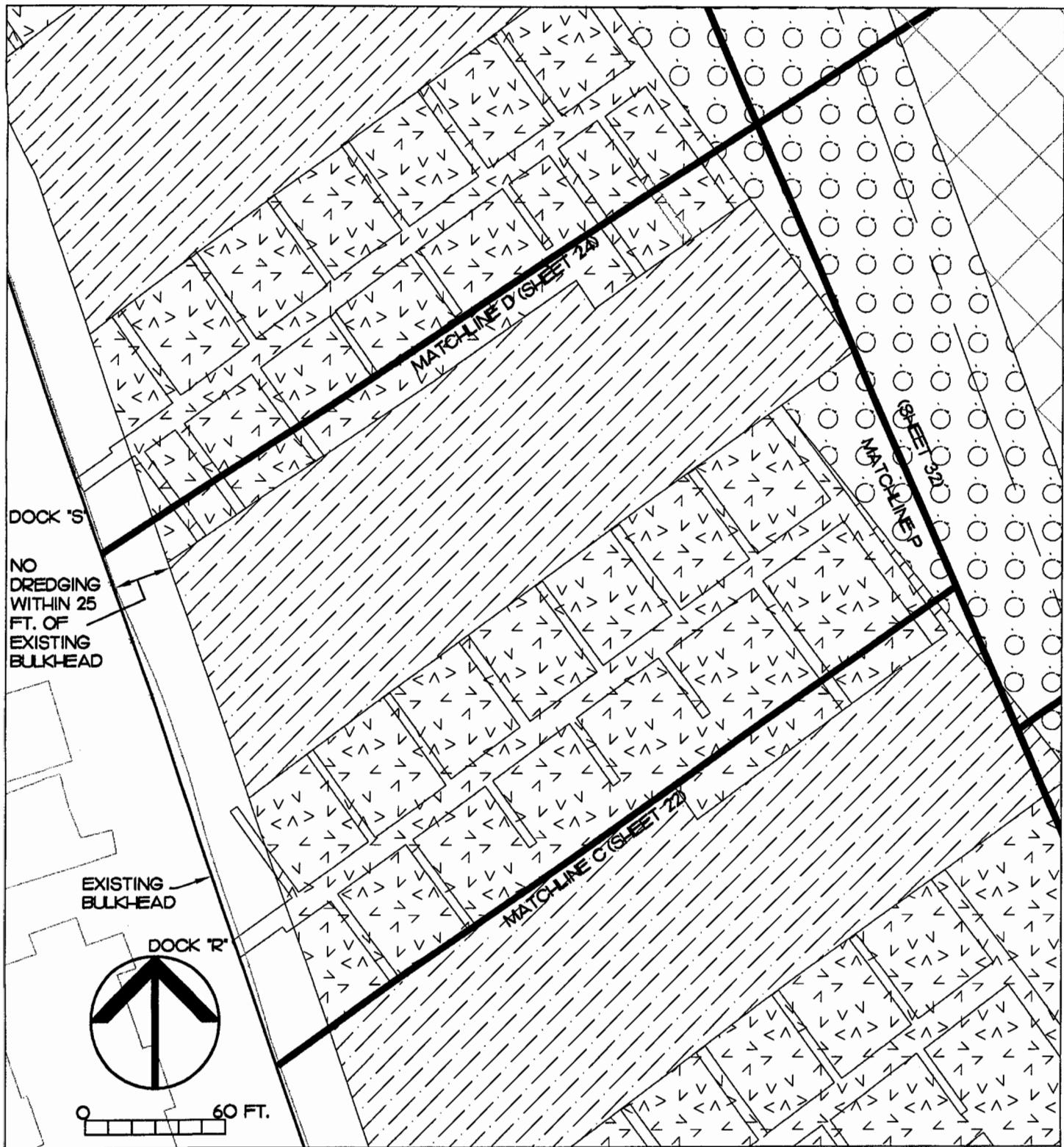
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 22 OF 38



OUTER CHANNEL DREDGE AREA FINISH ELEV. - (-10.0 MLW + I.O A. O/D) MLW	
INNER CHANNEL DREDGE AREA FINISH ELEV. - (-9.0 MLW + I.O A. O/D) MLW	
PRIMARY DREDGE AREA FINISH ELEVATION - (-7.5 MLW + I.O A. O/D) MLW	
SPOT DREDGING FINISH ELEVATION VARIES N.E. (-7.5 MLW + I.O A. O/D) MLW	

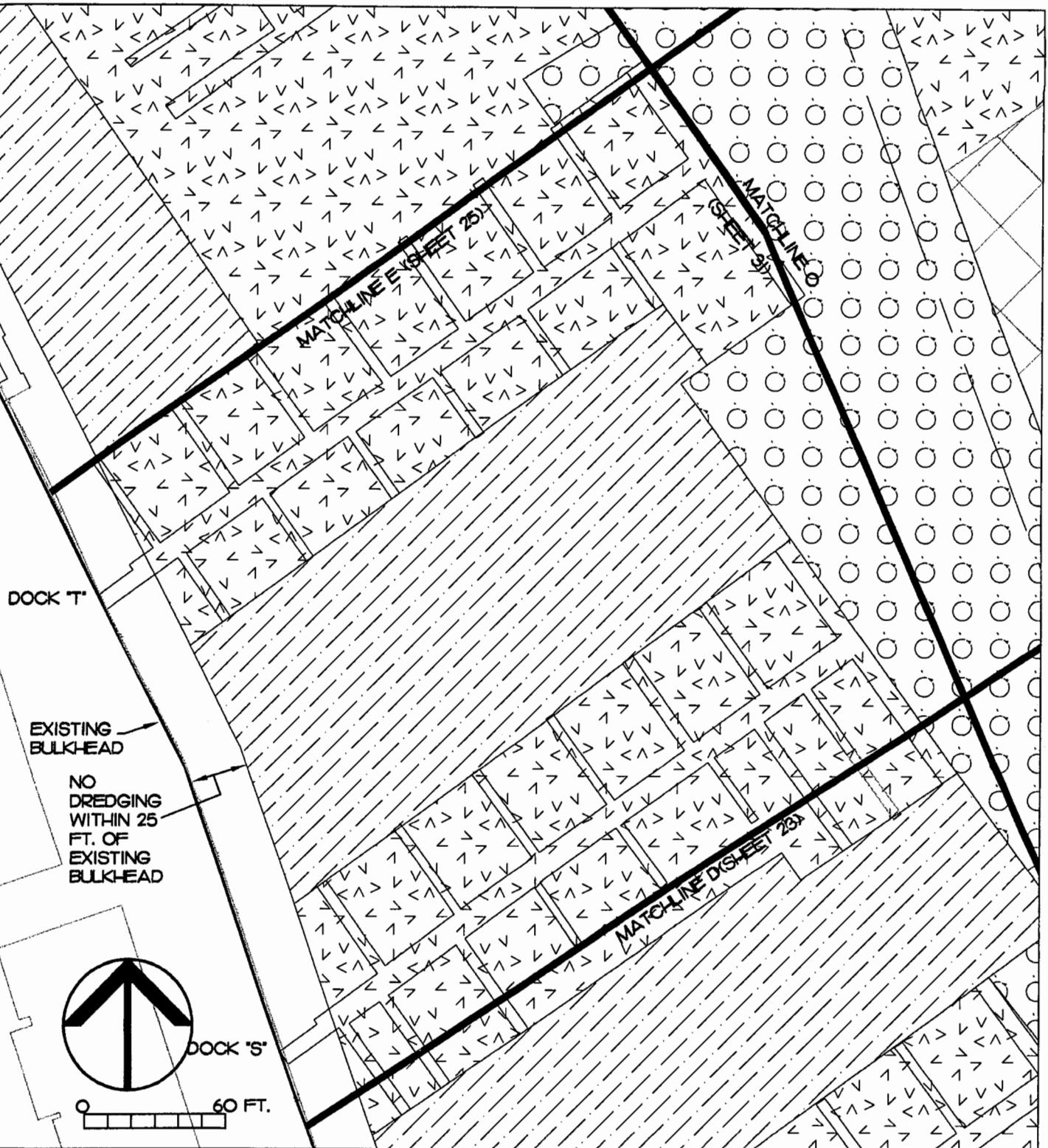
COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

PROPOSED DREDGE
AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 23 OF 38



OUTER CHANNEL DREDGE AREA FINISH ELEV. - (-10.0 MLW + 1.0 A. O/D) MLW	
INNER CHANNEL DREDGE AREA FINISH ELEV. - (-9.0 MLW + 1.0 A. O/D) MLW	
PRIMARY DREDGE AREA FINISH ELEVATION - (-7.5 MLW + 1.0 A. O/D) MLW	
SPOT DREDGING FINISH ELEVATION VARIES N.T.E. (-7.5 MLW + 1.0 A. O/D) MLW	

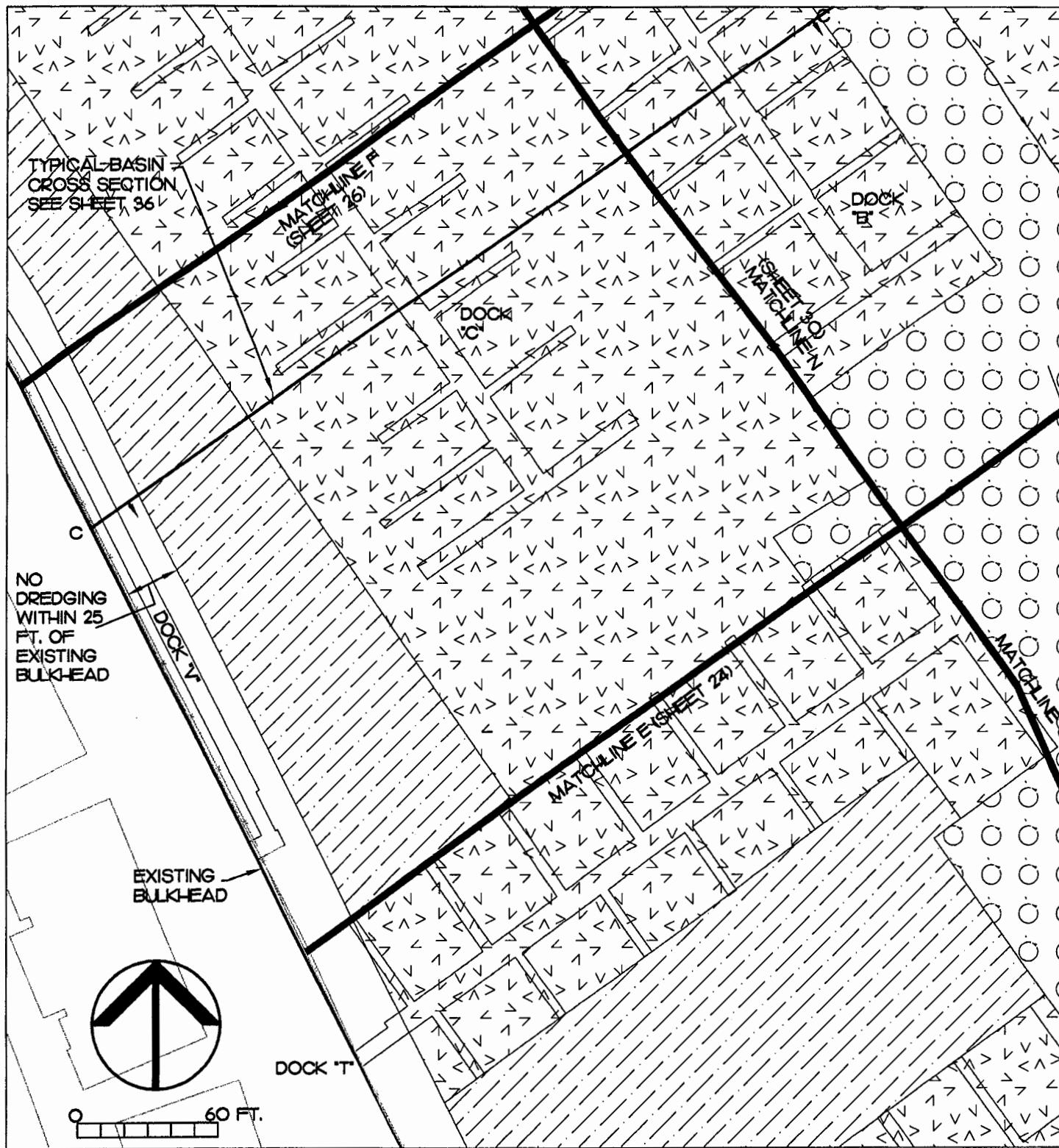
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE DREDGING IN COQUINA HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 24 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + 1.0 A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + 1.0 A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + 1.0 A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + 1.0 A. O/D) MLW



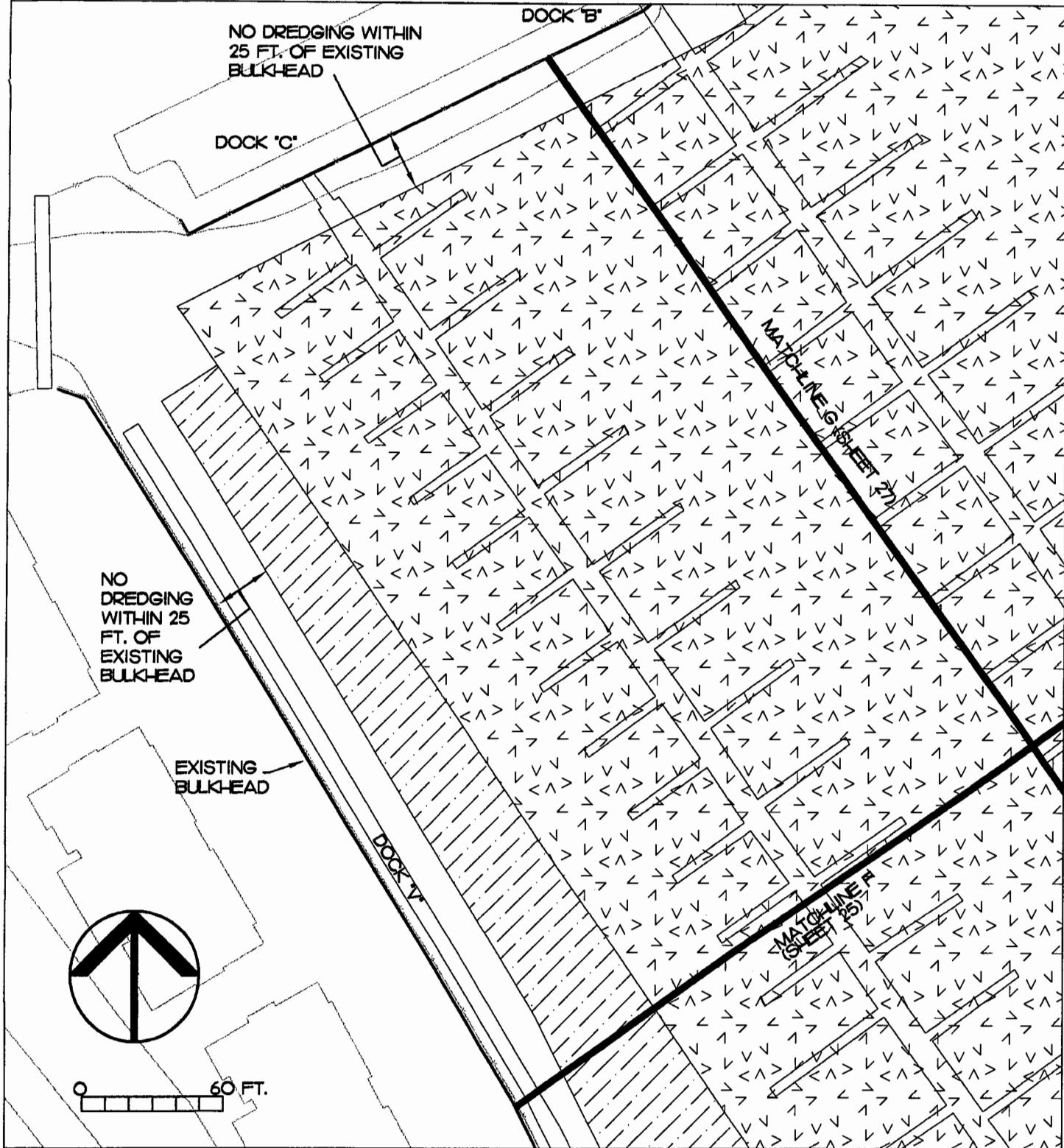
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**PROPOSED DREDGE
AREAS**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 25 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



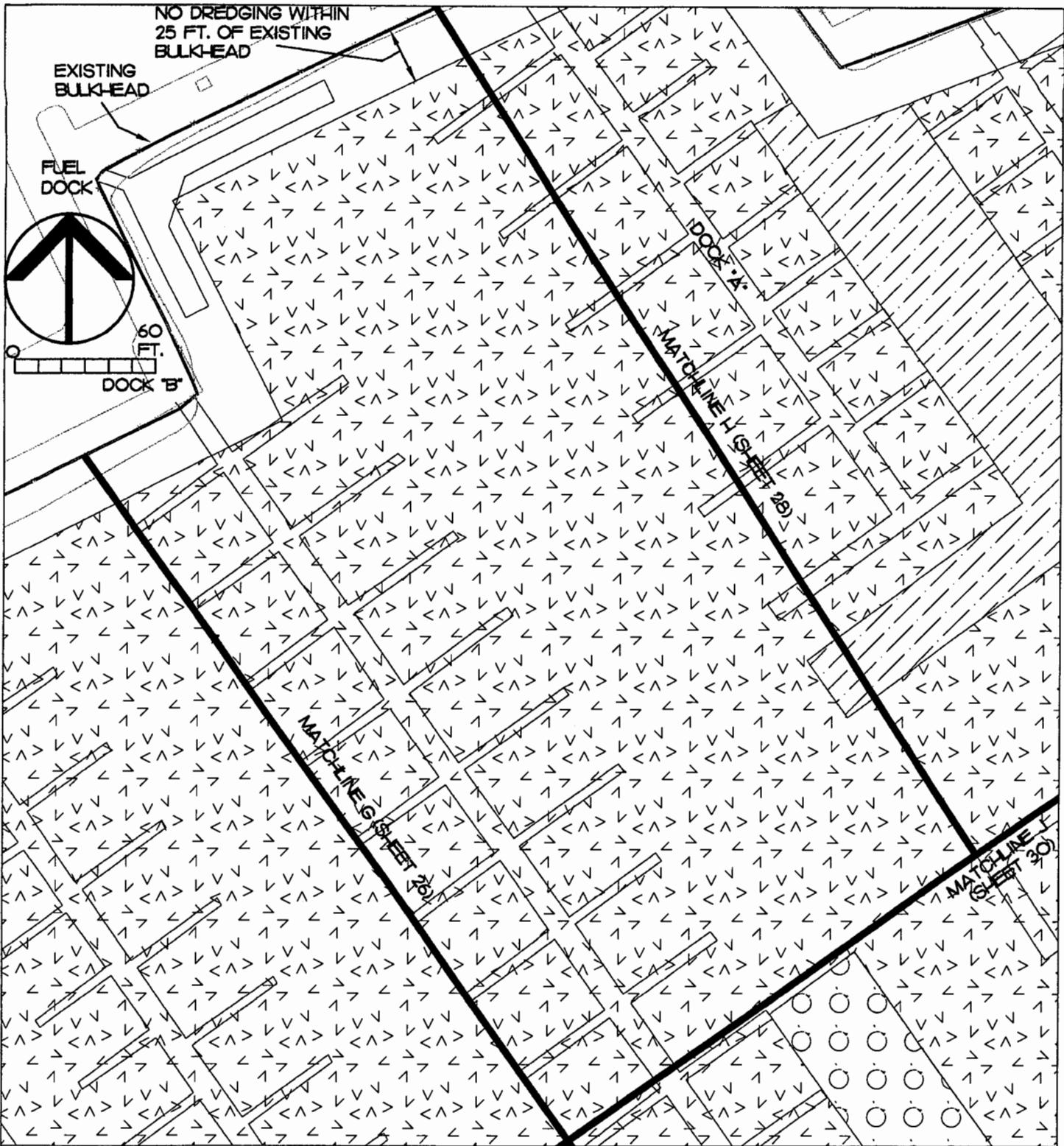
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 26 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



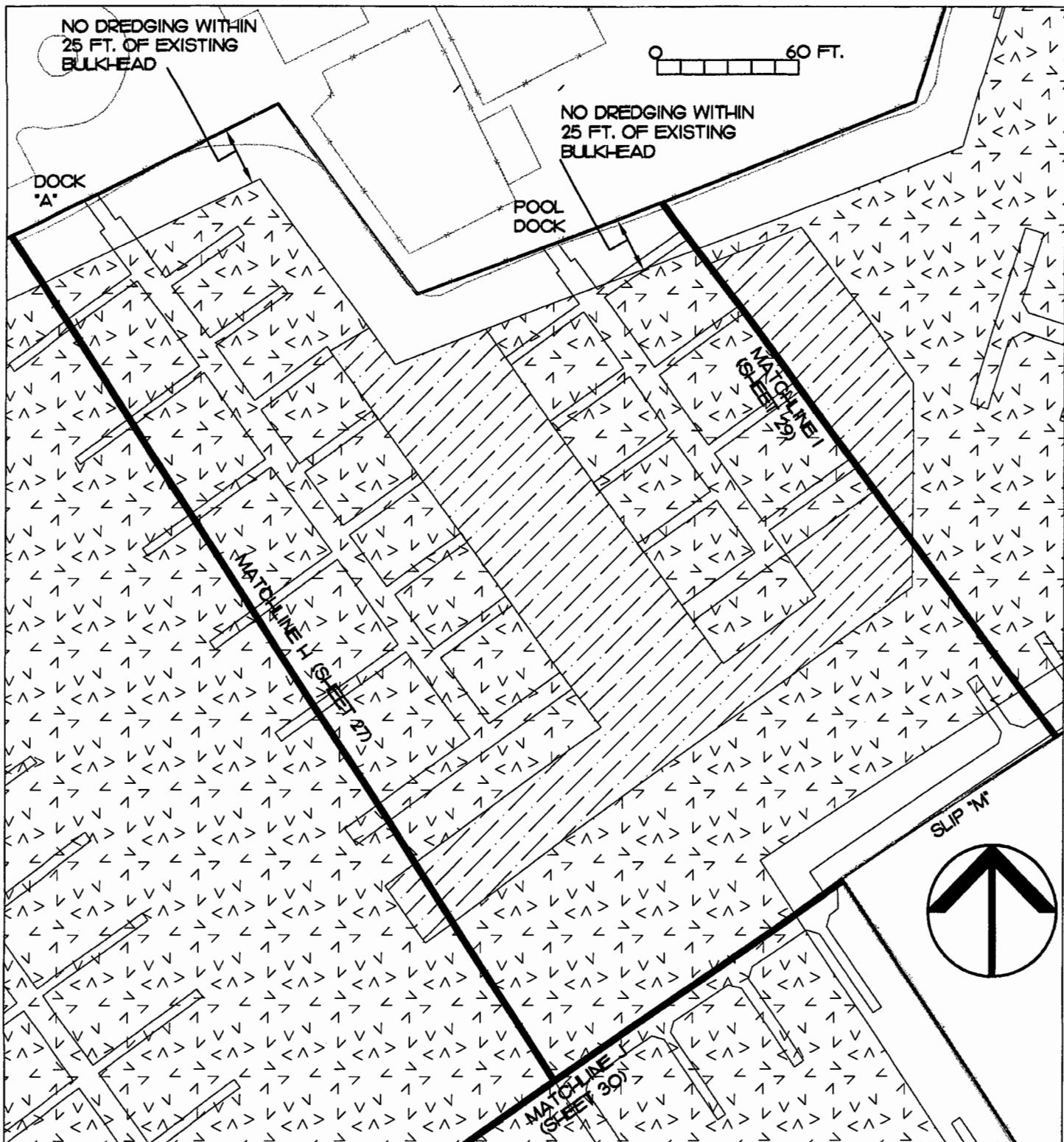
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

**PROPOSED DREDGE
AREAS**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 27 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + 1.0 A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + 1.0 A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + 1.0 A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + 1.0 A. O/D) MLW



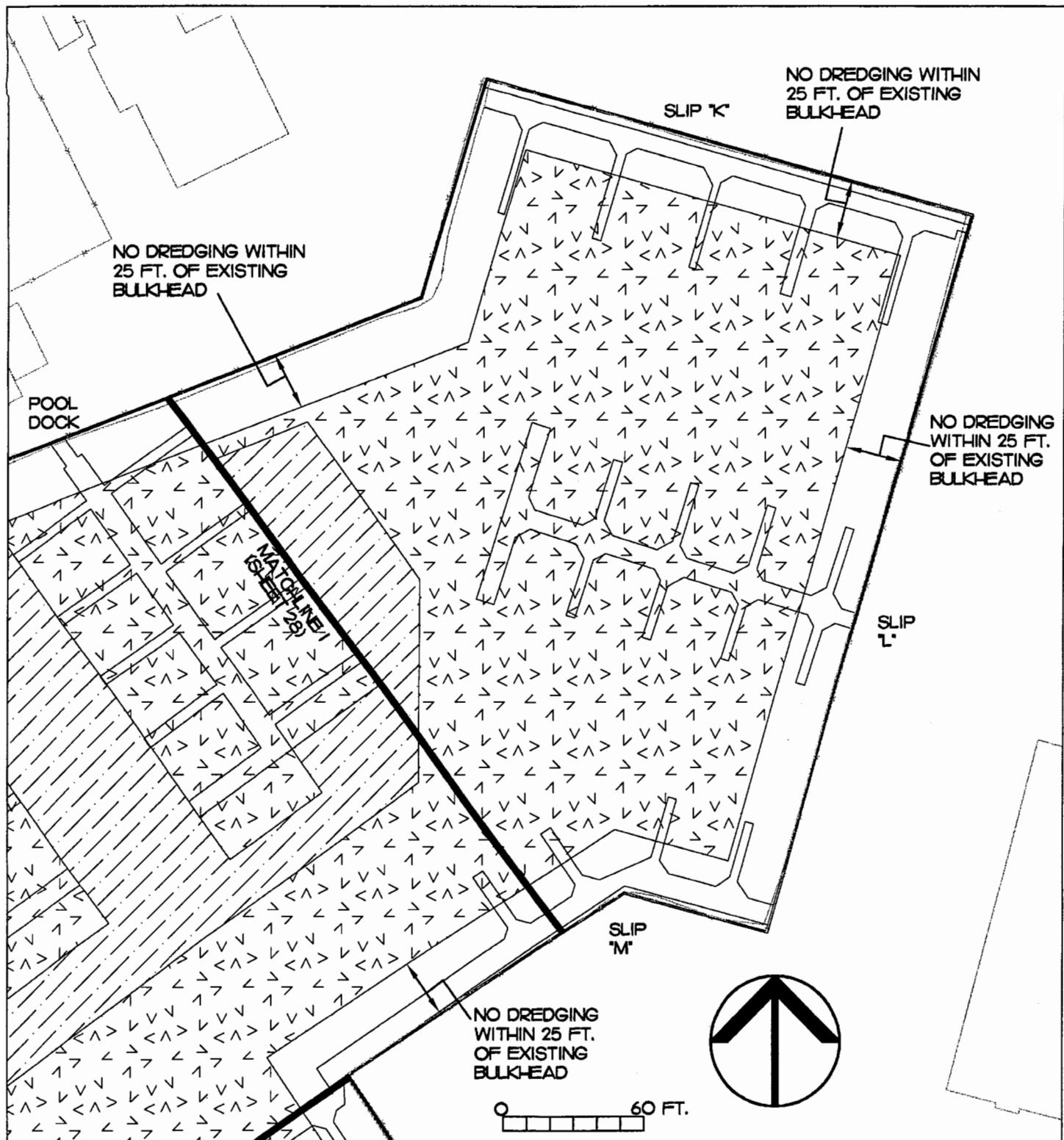
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 28 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



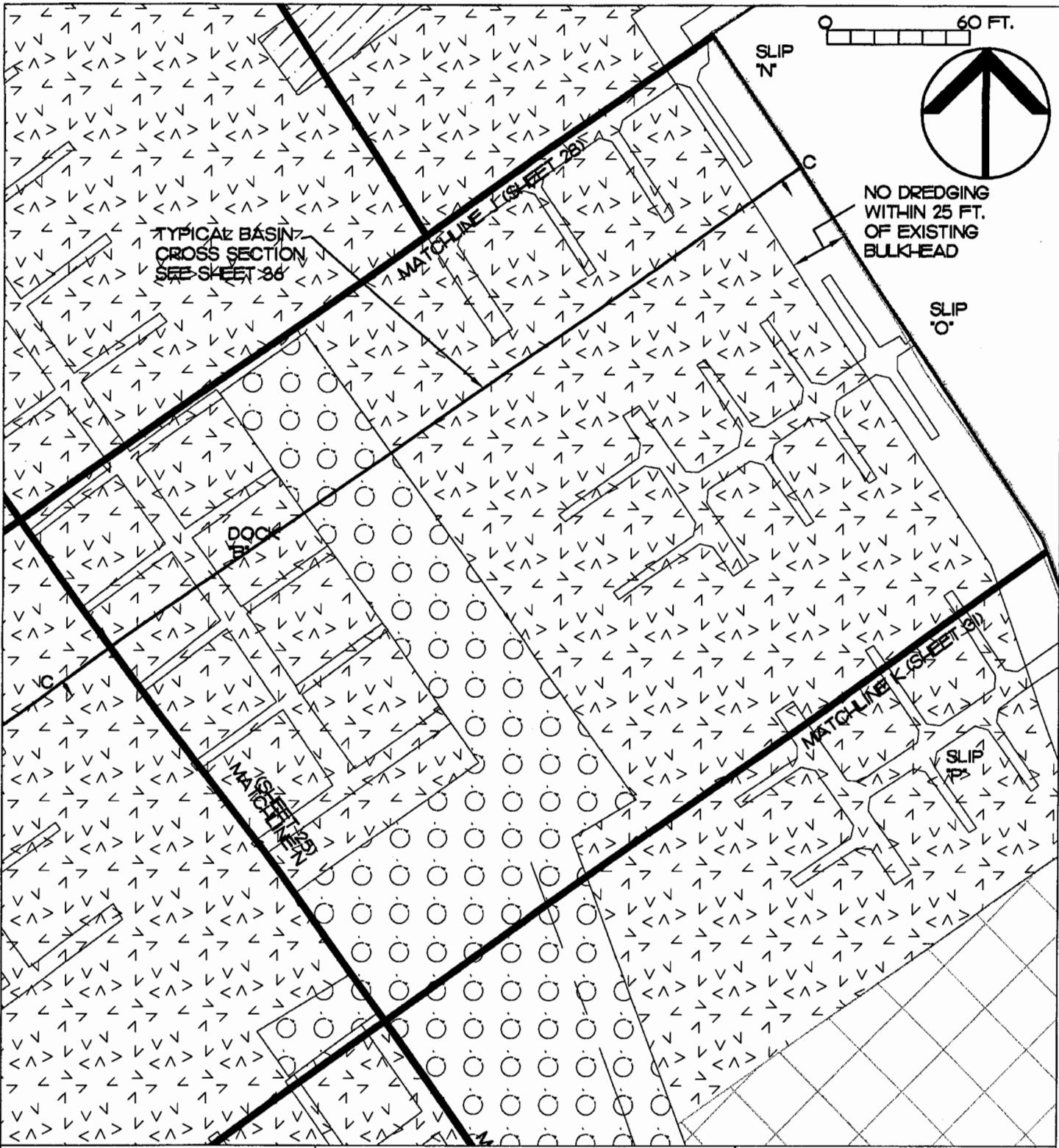
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 29 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + 1.0 A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + 1.0 A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + 1.0 A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + 1.0 A. O/D) MLW



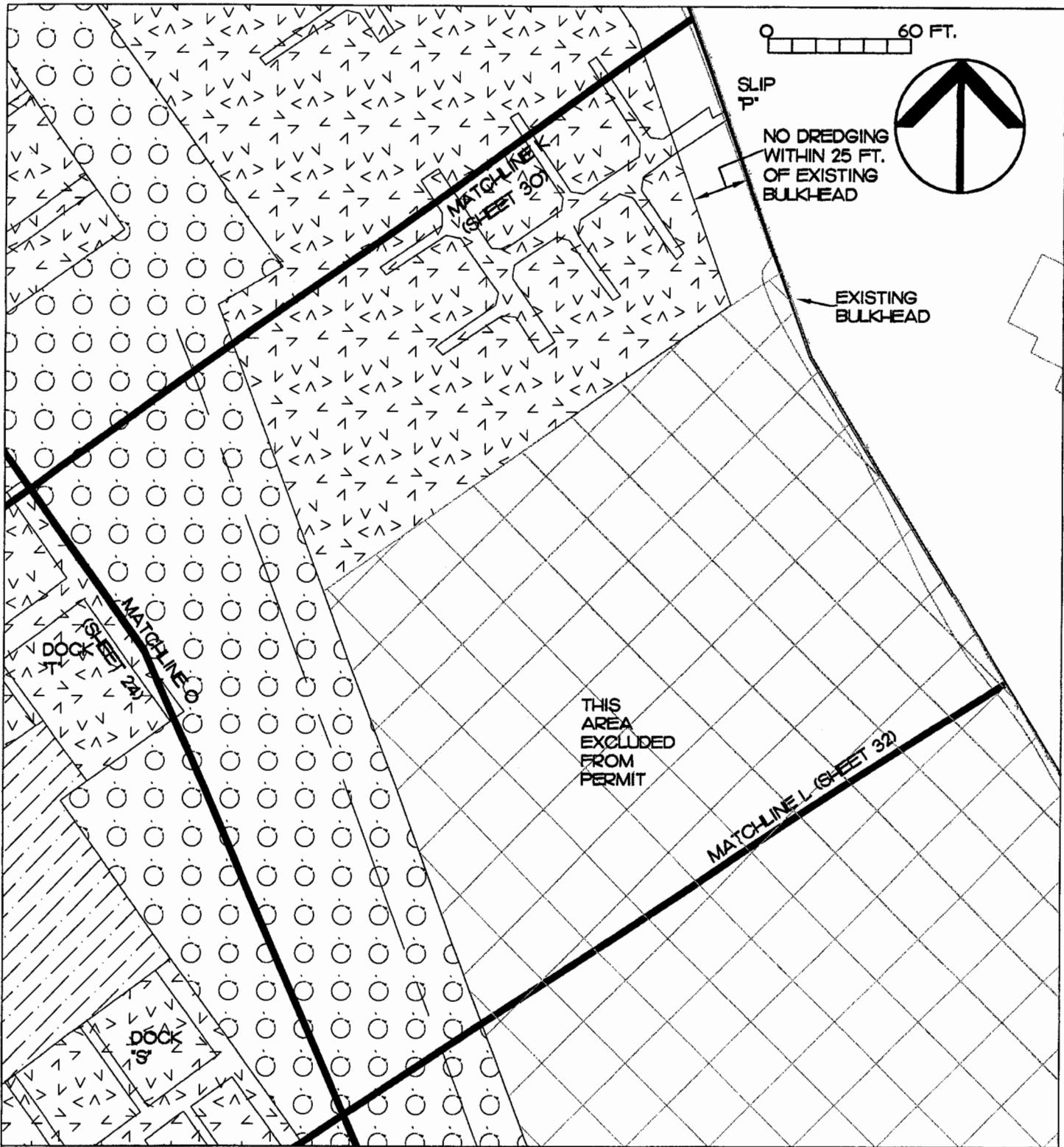
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET 30 OF 38



OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



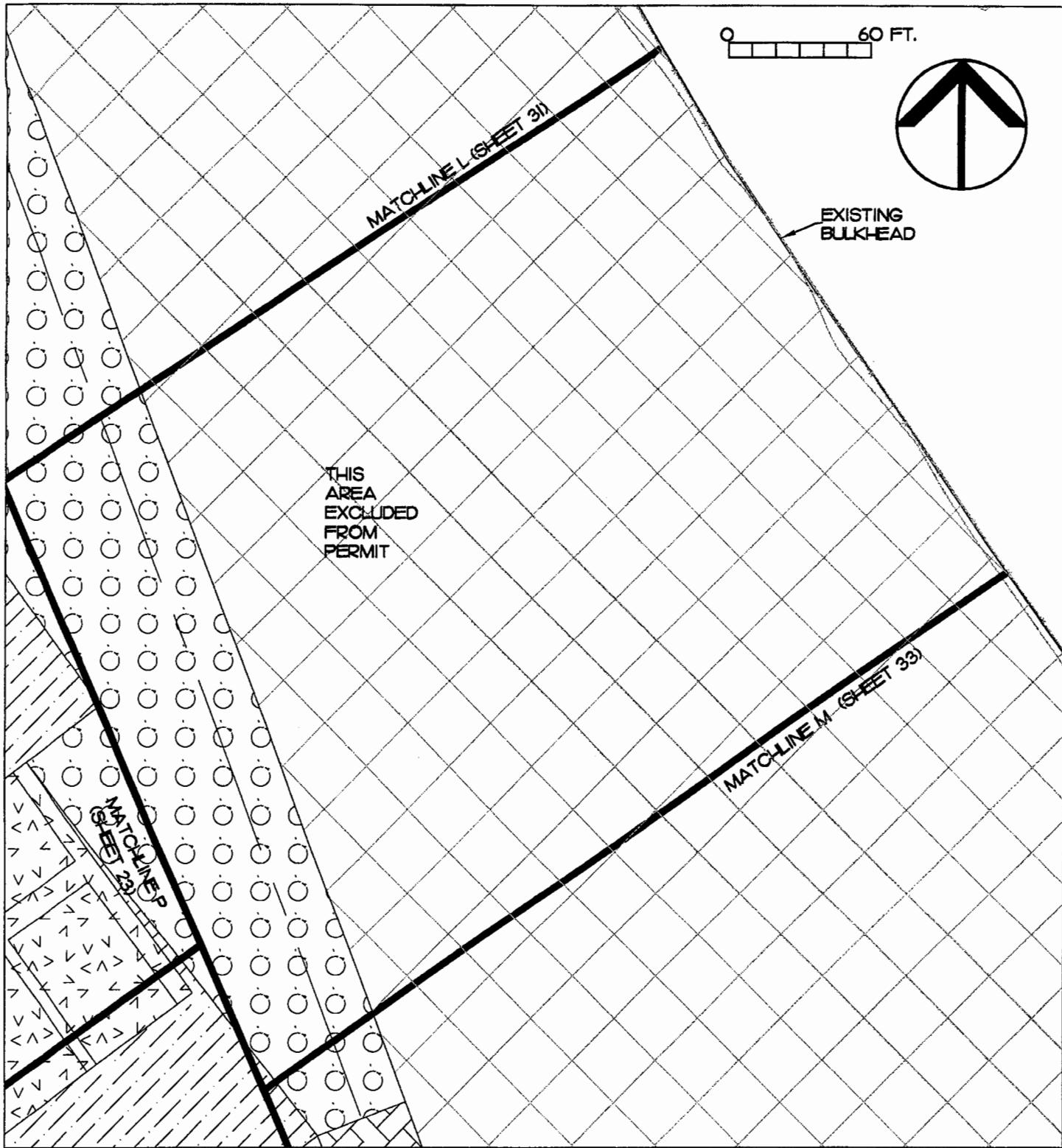
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 60 FT.

SHEET 31 OF 38



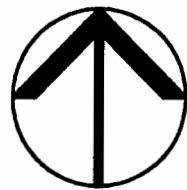
OUTER CHANNEL DREDGE AREA FINISH ELEV. - (-10.0 MLW + 1.0 A. O/D) MLW		COQUINA HARBOR LITTLE RIVER HORRY COUNTY	PROPOSED MAINTENANCE DREDGING IN COQUINA HARBOR
INNER CHANNEL DREDGE AREA FINISH ELEV. - (-9.0 MLW + 1.0 A. O/D) MLW			COUNTY OF HORRY STATE OF SOUTH CAROLINA DATE 2/5/04 SCALE: 1 IN. - 60 FT.
PRIMARY DREDGE AREA FINISH ELEVATION - (-7.5 MLW + 1.0 A. O/D) MLW		PROPOSED DREDGE AREAS	
SPOT DREDGING FINISH ELEVATION VARIES N.E. (-7.5 MLW + 1.0 A. O/D) MLW			SHEET 32 OF 38

MATCHLINE M (SHEET 32)

EXISTING
BULKHEAD

THIS
AREA
EXCLUDED
FROM
PERMIT

MATCHLINE
SHEET
#24



0 60 FT.

OUTER CHANNEL DREDGE
AREA FINISH ELEV. - (-10.0
MLW + I.O A. O/D) MLW



INNER CHANNEL DREDGE
AREA FINISH ELEV. - (-9.0
MLW + I.O A. O/D) MLW



PRIMARY DREDGE AREA
FINISH ELEVATION - (-7.5
MLW + I.O A. O/D) MLW



SPOT DREDGING FINISH
ELEVATION VARIES N.T.E.
(-7.5 MLW + I.O A. O/D) MLW



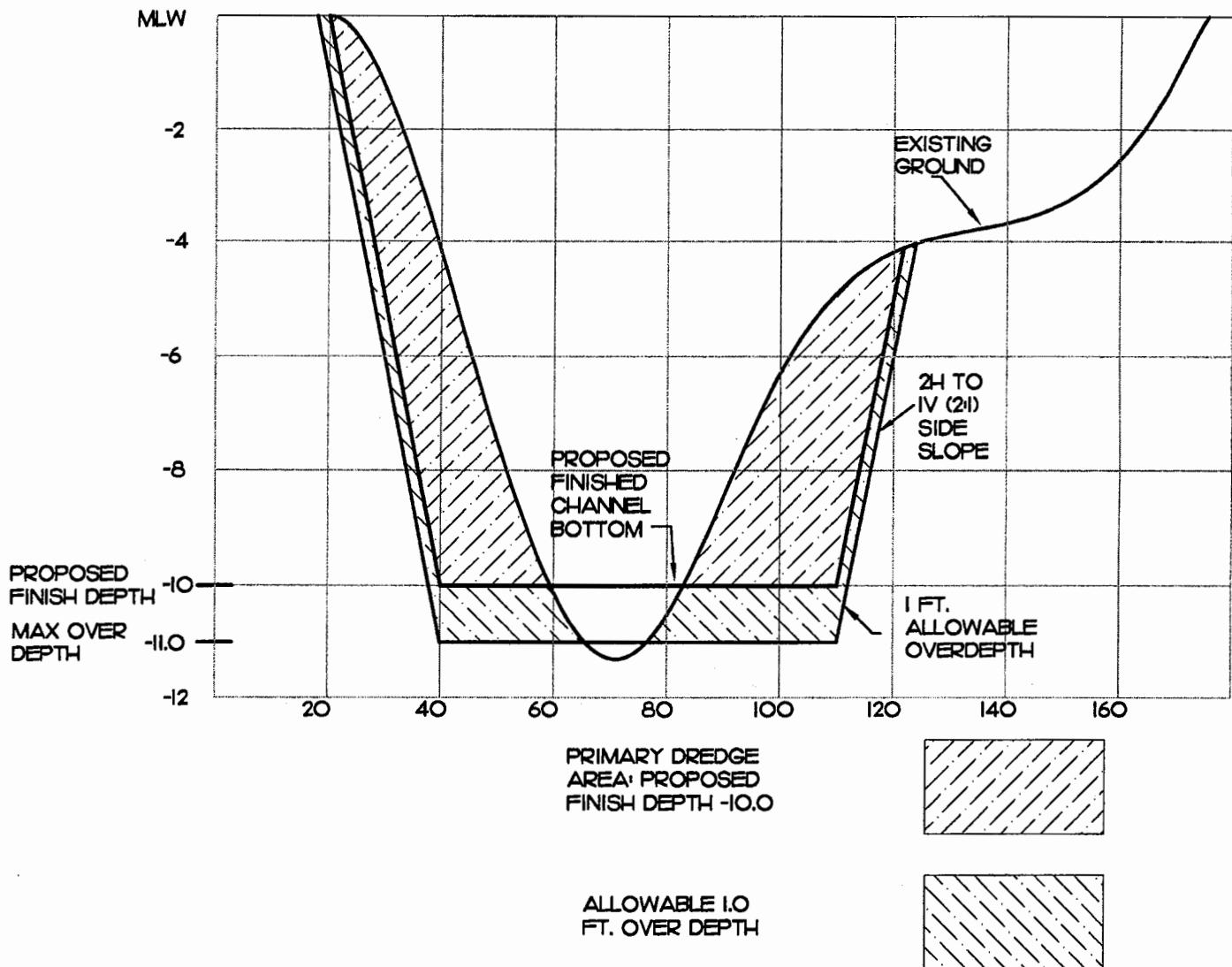
COQUINA HARBOR LITTLE RIVER HORRY COUNTY

PROPOSED DREDGE
AREAS

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 60 FT.

SHEET 33 OF 38



DIMENSIONS AND WATER DEPTHS ARE AS FOUND IN FALL OF 2003. THE PERMIT DRAWINGS REPRESENT DREDGING ISSUES NECESSARY TO COMPUTE QUANTITIES, SHOW LIMITS OF EXCAVATION AND TO BE PREPARATORY FOR FURTHER DREDGING DESIGN BY A PROFESSIONAL ENGINEER COMPETENT TO EVALUATE EXISTING CONDITIONS OF THE DREDGE BOTTOM, BULKHEAD AND DOCK SYSTEMS INCLUDING PILES. THESE PERMIT DRAWINGS DO NOT REPRESENT FINAL DESIGN OR CONSTRUCTION DRAWINGS.

COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

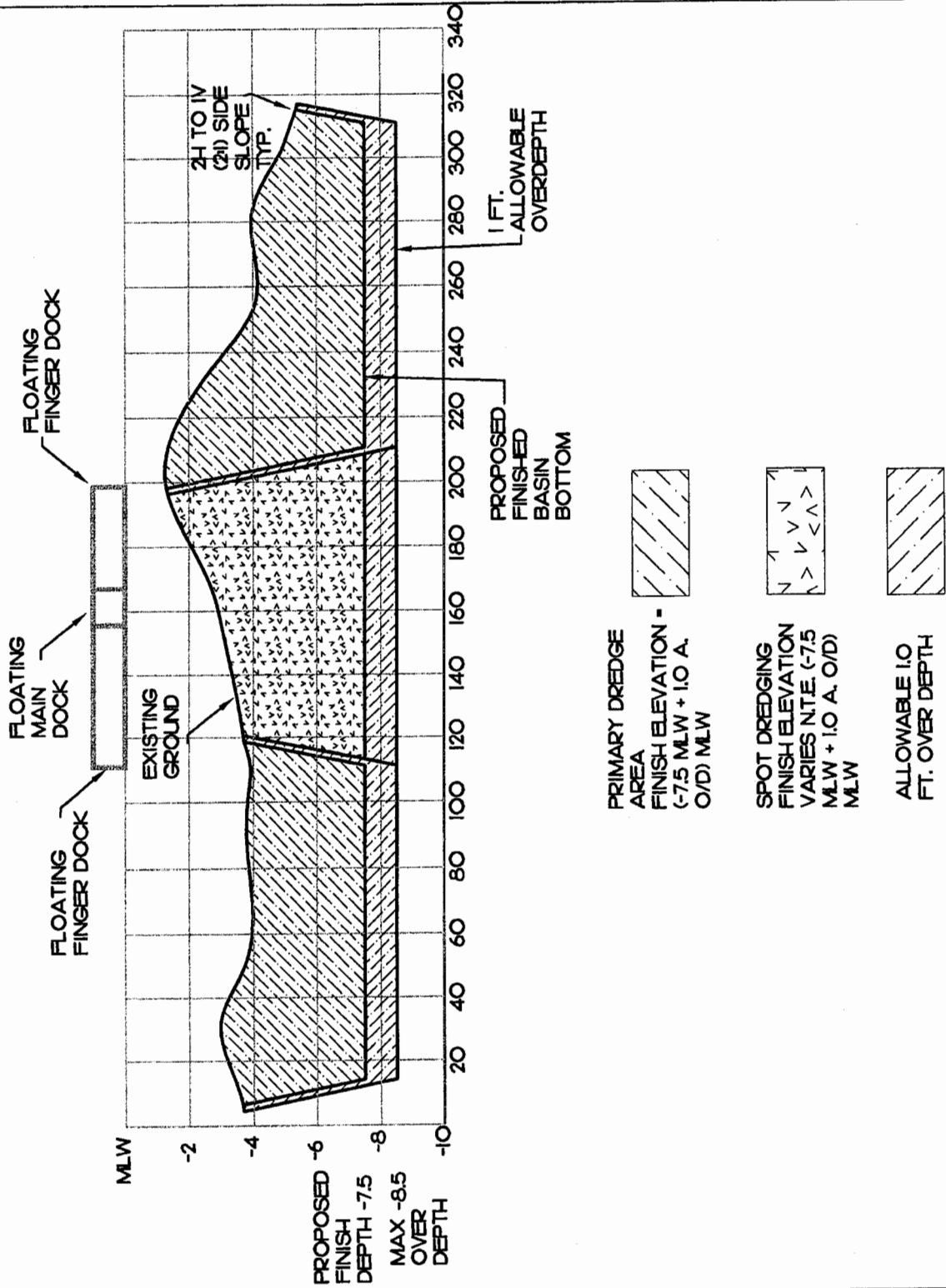
TYPICAL CHANNEL
PROFILE
A-A

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: VERT: 1 IN. = 3 FT.
HORZ: 1 IN. = 30 FT.

SHEET 34 OF 38

DIMENSIONS AND WATER DEPTHS ARE AS FOUND IN FALL OF 2003. THE PERMIT DRAWINGS REPRESENT DREDGING ISSUES NECESSARY TO COMPUTE QUANTITIES, SHOW LIMITS OF EXCAVATION AND TO BE PREPARATORY FOR FURTHER DREDGING DESIGN BY A PROFESSIONAL ENGINEER COMPETENT TO EVALUATE EXISTING CONDITIONS OF THE DREDGE BOTTOM, BULKHEAD AND DOCK SYSTEMS INCLUDING PILES. THESE PERMIT DRAWINGS DO NOT REPRESENT FINAL DESIGN OR CONSTRUCTION DRAWINGS.

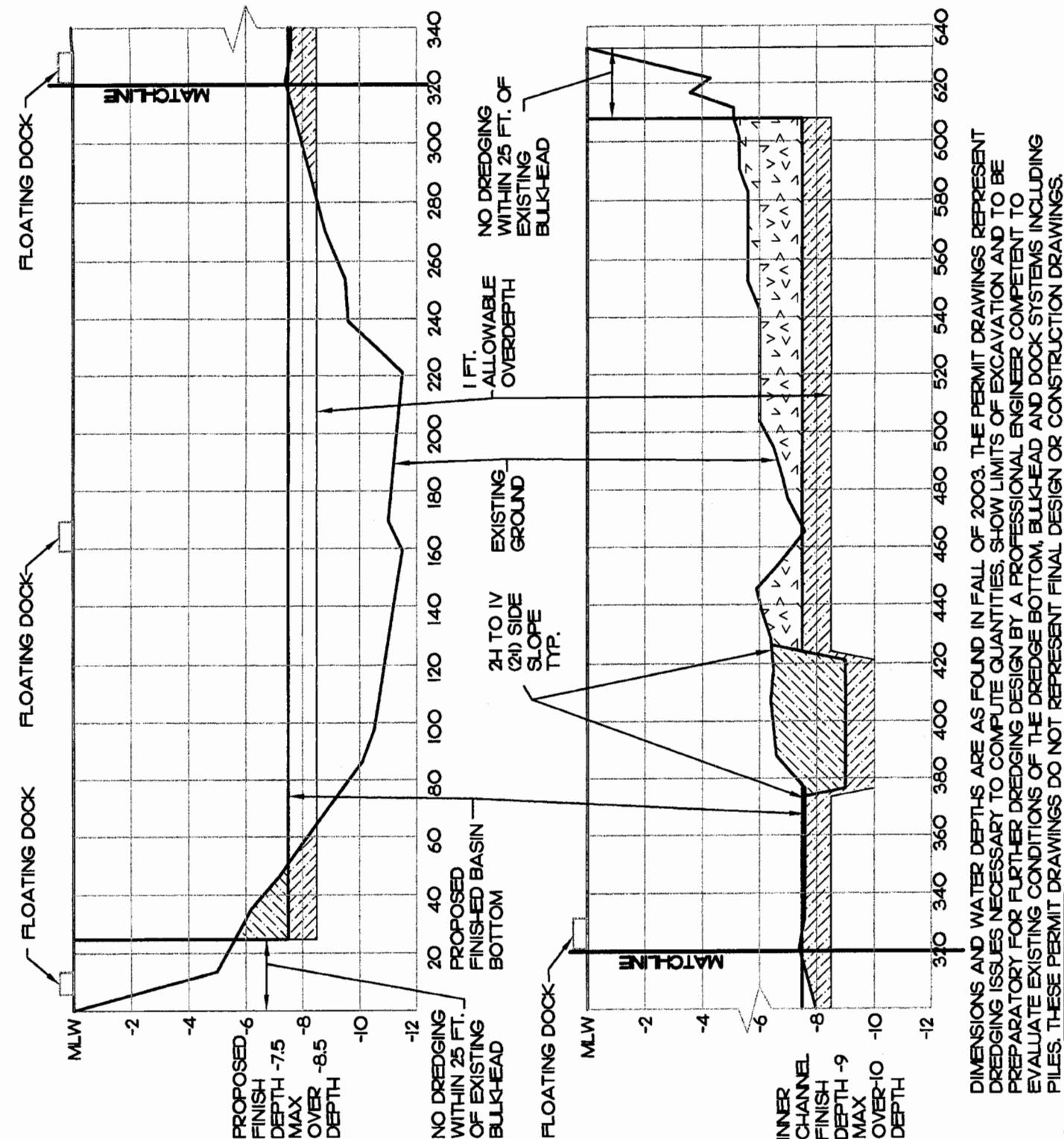


COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

TYPICAL BASIN PROFILE
B-B

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: VERT: 1 IN. = 5 FT.
HORZ: 1 IN. = 50 FT.



PRIMARY DREDGE AREA	
BASIN ELEV. = (-7.5 + 1.0 A.O.D.) MLW	
INNER CHANNEL ELEV. = (-9.0 + 1.0 A.O.D.) MLW	
SPOT DREDGING FINISH ELEVATION VARIES N.T.E. (-7.5 MLW + 1.0 A.O.D.) MLW	
ALLOWABLE 1.0 FT. OVER DEPTH	

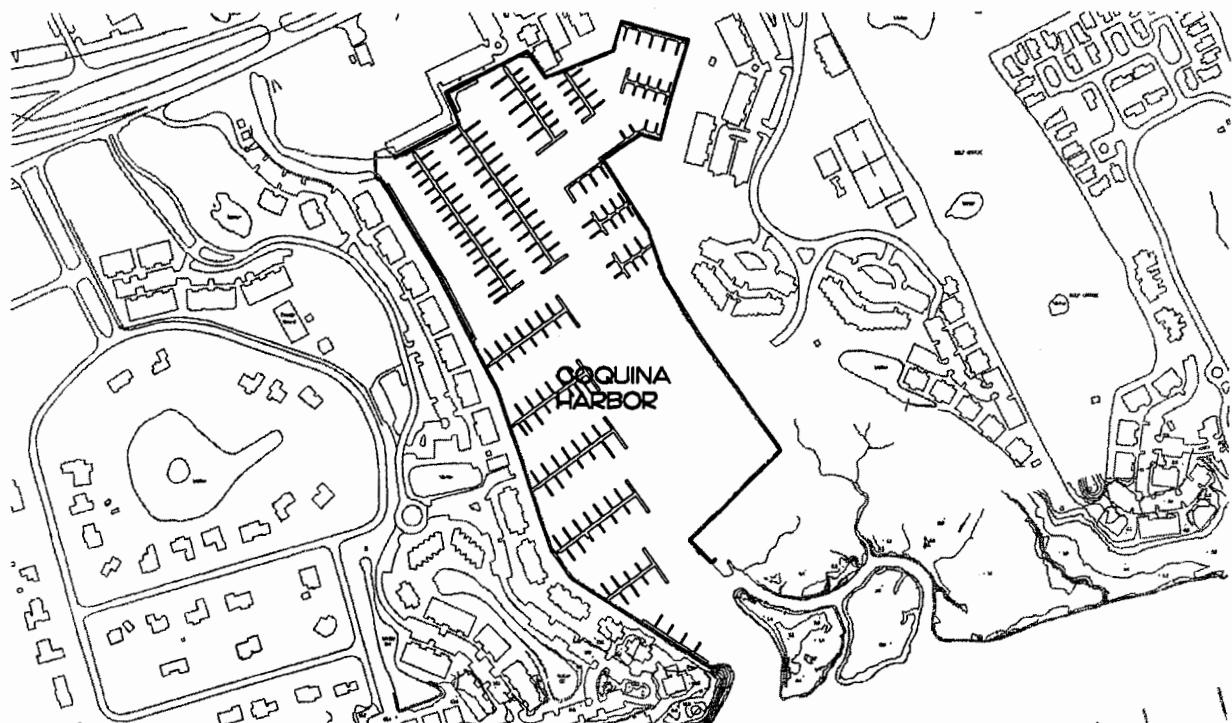
COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY
TYPICAL BASIN PROFILE
C-C

PROPOSED MAINTENANCE DREDGING IN COQUINA HARBOR

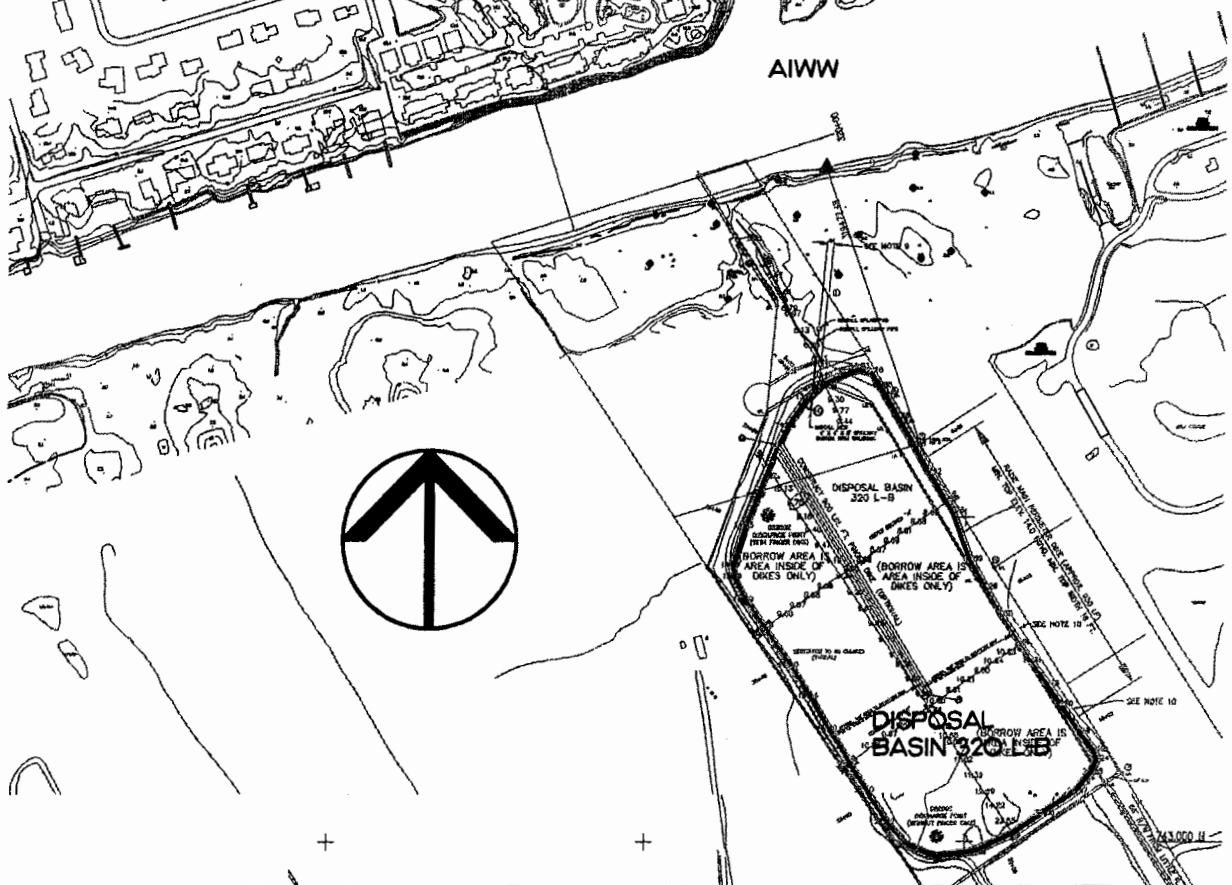
COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: VERT: 1 IN. = 5 FT.
HORZ: 1 IN. = 50 FT.

SHEET 36 OF 38

DIMENSIONS AND WATER DEPTHS ARE AS FOUND IN FALL OF 2003. THE PERMIT DRAWINGS REPRESENT DREDGING ISSUES NECESSARY TO COMPUTE QUANTITIES, SHOW LIMITS OF EXCAVATION AND TO BE PREPARATORY FOR FURTHER DREDGING DESIGN BY A PROFESSIONAL ENGINEER COMPETENT TO EVALUATE EXISTING CONDITIONS OF THE DREDGE BOTTOM, BULKHEAD AND DOCK SYSTEMS INCLUDING PILES. THESE PERMIT DRAWINGS DO NOT REPRESENT FINAL DESIGN OR CONSTRUCTION DRAWINGS.



AIWW



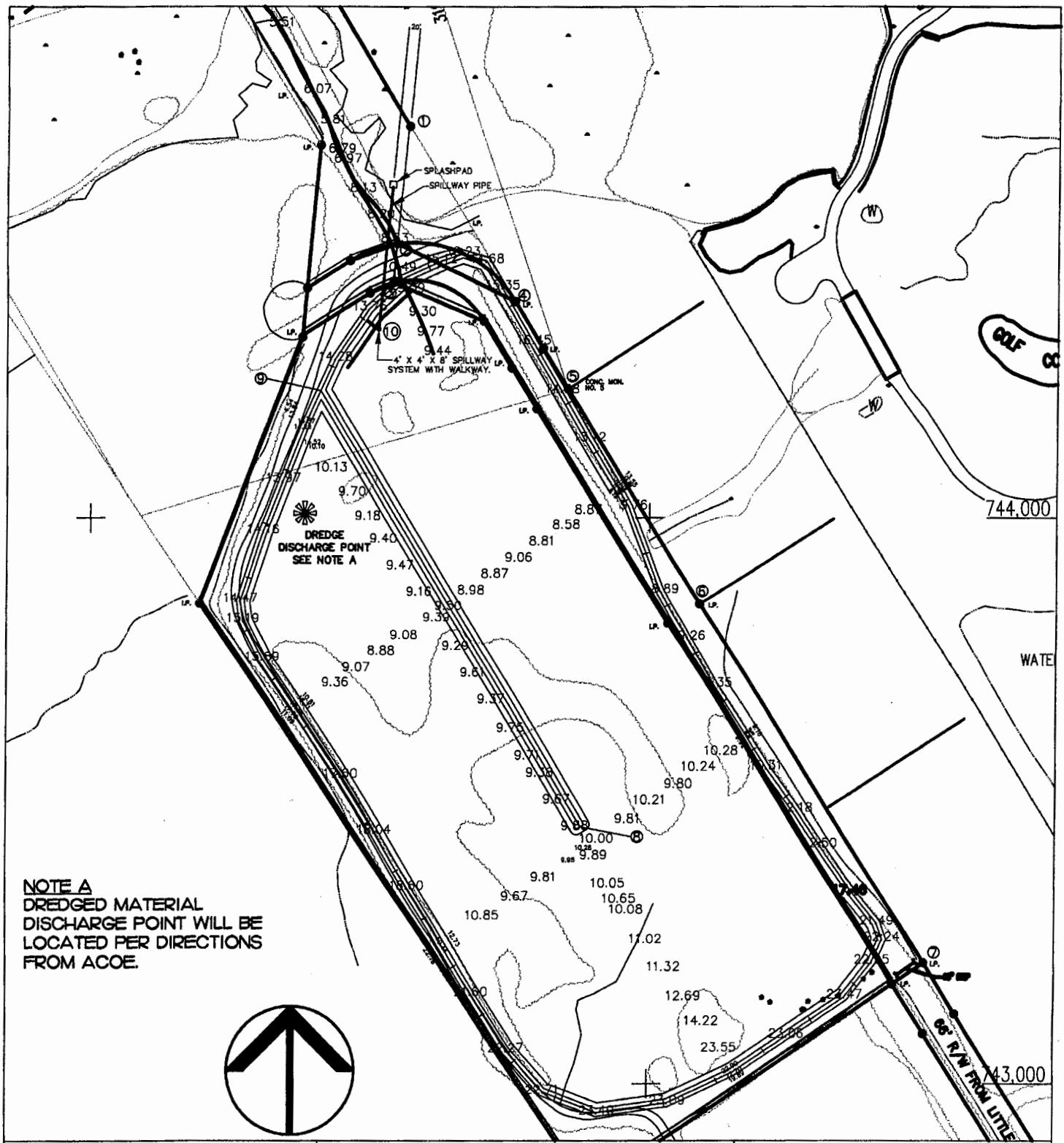
COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

HARBOR AND DISPOSAL
BASIN PROXIMITY

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF: HORRY
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. - 600 FT.

SHEET 37 OF 38



NOTE A
DREDGED MATERIAL
DISCHARGE POINT WILL BE
LOCATED PER DIRECTIONS
FROM ACOE.



COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

**DISPOSAL BASIN
320 L-B**

**PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR**

COUNTY OF: Horry
STATE OF: SOUTH CAROLINA
DATE 2/5/04
SCALE: 1 IN. = 3000 FT.

SHEET 38 OF 38