



**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.  
**CENAP-OP-R-2007-1271**

Date

**JAN 14 2008**

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) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

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:** Schooner Island Marina

**AGENT:** Mr. Bruce W. Pringle  
S.T. Hudson Engineering, Incorporated  
840 Cooper Street  
P.O. Box 9108  
Camden, New Jersey 08101

**WATERWAY:** Grasse Sound Channel

**LOCATION:** Dredging would occur at Block 818, Lot 17, Block 80.06, Lot 11 and Block 19.02, Lot 1, in the Boroughs of Wildwood Crest and Wildwood, Cape May County, New Jersey; Shaw Island Dredge Disposal Site is located Lower Township, Cape May County, New Jersey.

**ACTIVITY:** The applicant proposes to perform hydraulic dredging at the project site, and perform maintenance at the Shaw Island Dredge Disposal Site. The work was last approved at the site under Department of the Army Permit Number 199901661-35. A total of approximately sixty thousand (60,000) cubic yards of material, composed primarily of sand and fines, would be removed from approximately one hundred ninety four (194,000) square feet of the waterway. The area would be dredged to a depth of four (4) feet below mean low water, with a maximum of two (2) foot over-dredge. The material would be pumped through a pipeline; that would be floated on the surface of the waterway except where it crosses Grassy Sound Channel. The dredged material would be disposed at the Shaw Island Disposal Site. The pipeline that would deliver the accumulated sediment to the disposal site would impacted approximately three hundred twenty (320) square feet of wetlands on Shaw Island. Dredging equipment would be located no closer than two hundred (200) feet from the center of Grassy Sound Channel. Vessels secured at the site would be a maximum of eight five (85) feet in length, with a maximum four (4) foot draft. The area has been designated Hard Clam – High Value Commercial on the map

entitled "Plate – V Distribution of Shellfish Resources in Relation to the New Jersey Intracoastal Waterway Longport to Cape May", prepared by the US Department of the Interior, Fish and Wildlife Service, dated January 1963. No work is proposed on the structures present at the project site.

At the disposal site, the applicant is proposing to increase the height of the walls of the facility, and replace the existing weir box and outfall pipe. Equipment would be delivered to the site by a barge. A temporary roadway would be installed at the site, impacting approximately six hundred twenty five (625) square feet of Federally regulated wetlands. The existing wall of the disposal site will be breached to allow access to the inside of the disposal site by construction equipment. Using the material existing within the disposal site would be used to raise the walls of the disposal site approximately five (5) feet. The existing weir within the disposal site would be removed and replaced with a new structure. A thirty (30) inch diameter PVC discharge pipe would be installed to allow for the water within the disposal site to flow to the adjoining portion of the island. This pipeline will be placed in the same location of the existing pipeline. The access road would be removed upon completion of work at the project site.

**PURPOSE:** The applicant's stated purpose is to allow for safe boating and marina operations and increase the capacity of the existing disposal site.

A preliminary review of this application indicates that the proposed work would not affect listed 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.

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 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 determined that the project will have an adverse effect on Winter Flounder (Pseudopleuronectes americanus). Eggs and larvae from this species may be impacted by the hydraulic dredging equipment. To mitigate for the potential impacts, a seasonal restriction would be placed in any Department of the Army permit issued by this office that would prohibit dredging from 1 January through 31 May of any year. This office will coordinate with the National Marine Fisheries Service to ensure that impacts associated with the project will be minimal.

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. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. 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 Office of Coastal Zone Management.

In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate is necessary from the State government in which the work is located. Any comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State.

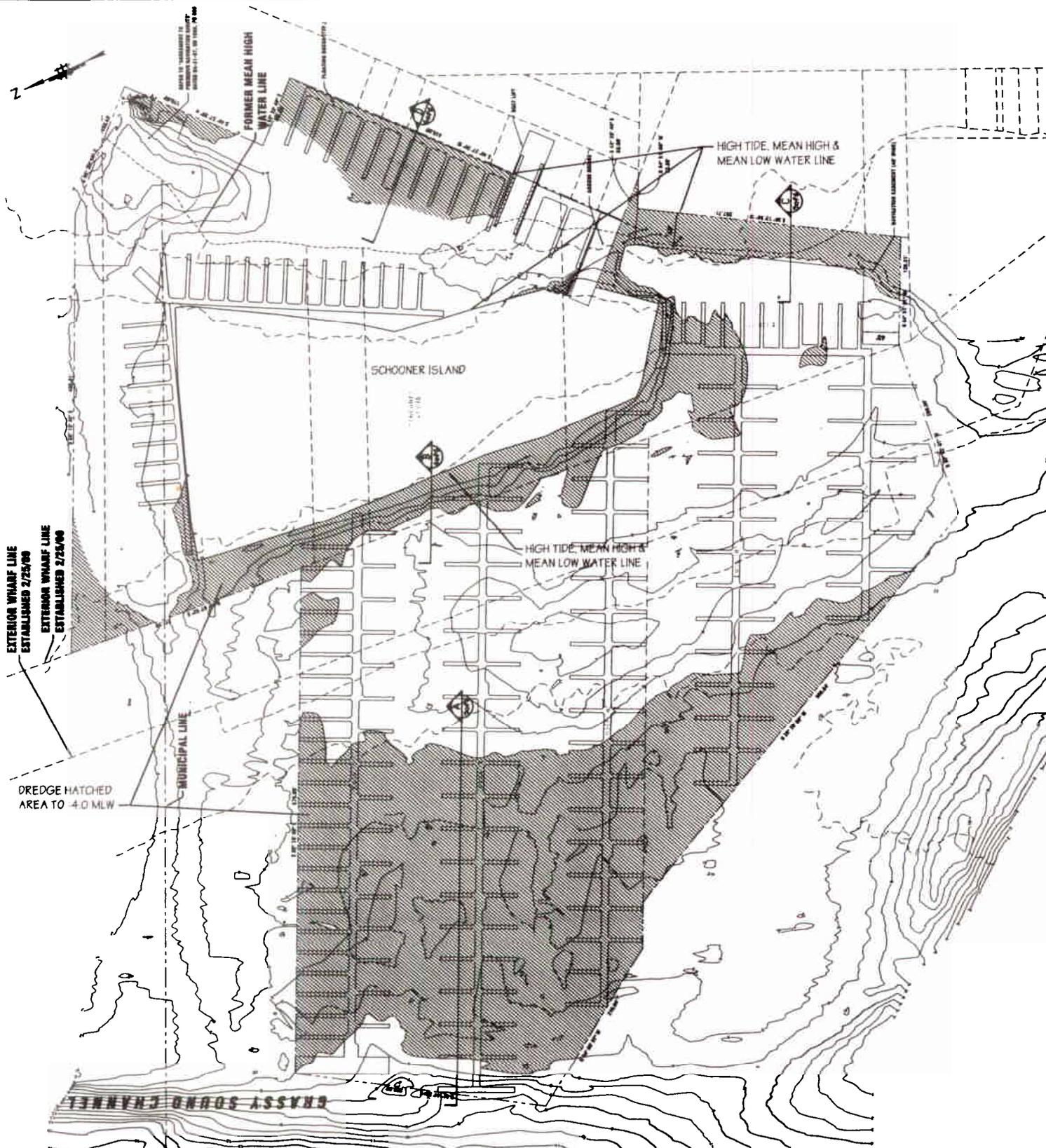
The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

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 calling Lawrence M. Slavitter at 215-656-6734 or writing this office at the above address.

  
for Frank J. Cianfrani  
Chief, Regulatory Branch





FILE No. S-2077  
 CONTRACT No. H-6305-01  
 DATE 10/19/2007  
 SHEET No. 1 of 6

**DREDGING PLAN**  
 SCALE: 1" = 150.0'



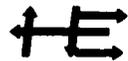
REV. 1 12-03-2007

NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION

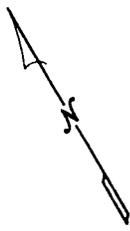
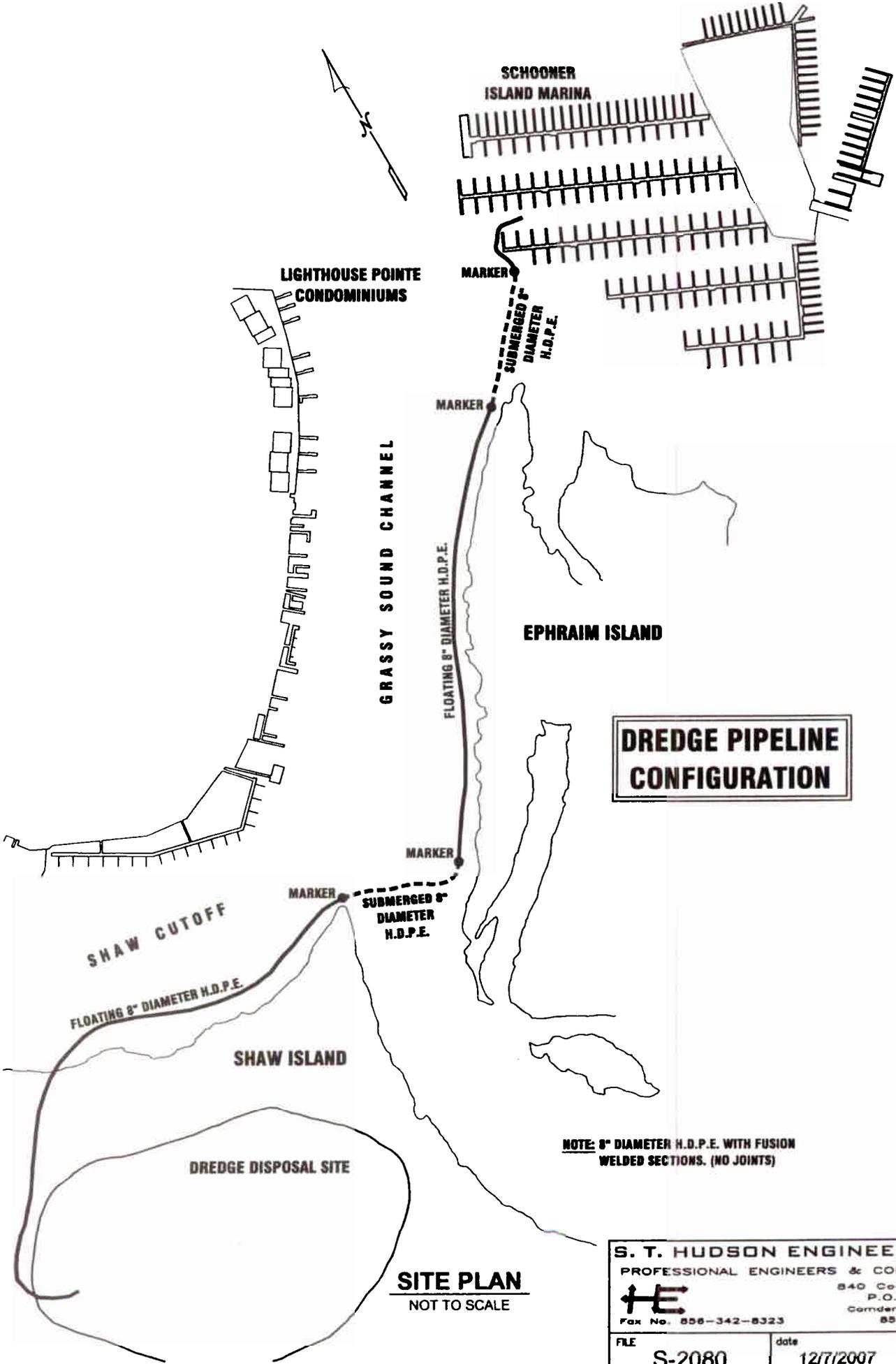
**S. T. HUDSON ENGINEERS, INC.**

PROFESSIONAL ENGINEERS & CONSULTANTS

840 Cooper Street  
 P.O. Box 9106  
 Camden, N.J. 08102  
 Fax No. 856-342-8323 Phone No. 856-342-6600



PROPOSED:	MAINTENANCE DREDGING
AT:	WILDWOOD, NEW JERSEY
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA

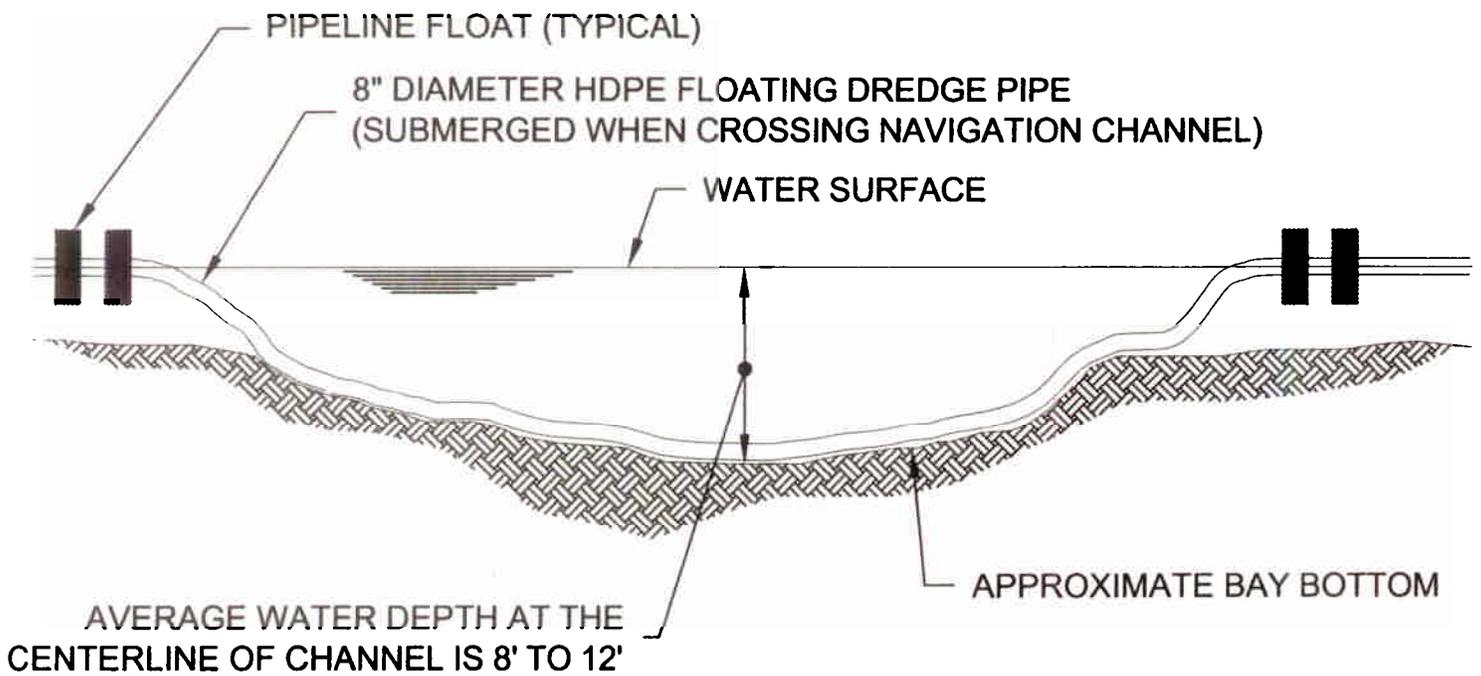


**DREDGE PIPELINE CONFIGURATION**

**SITE PLAN**  
NOT TO SCALE

**NOTE: 8" DIAMETER H.D.P.E. WITH FUSION WELDED SECTIONS. (NO JOINTS)**

<b>S. T. HUDSON ENGINEERS, INC.</b> PROFESSIONAL ENGINEERS & CONSULTANTS  840 Cooper Street P.O. Box 9108 Camden, N.J. 08101 Fax No. 856-342-8323      856-342-6600		
FILE	date	contract
S-2080	12/7/2007	H-6305-01

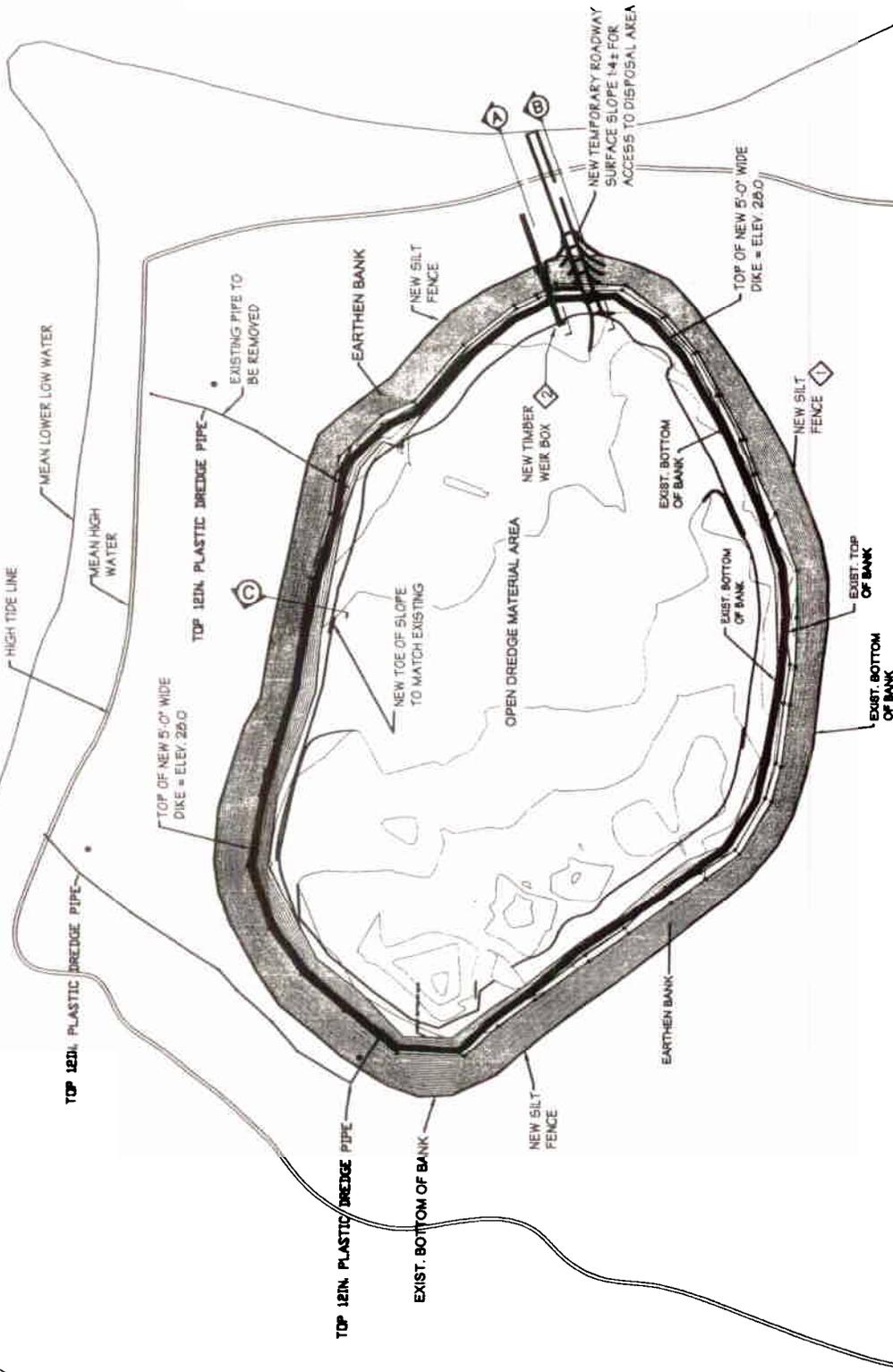


## TYPICAL CROSS-SECTION

NOT TO SCALE

**S. T. HUDSON ENGINEERS, INC.**  
 PROFESSIONAL ENGINEERS & CONSULTANTS  
  
 840 Cooper Street  
 P.O. Box 9106  
 Camden, N.J. 08101  
 Fax No. 856-342-6323 856-342-6600

FILE	DATE	CONTRACT
S-2080	12/13/2007	H-6305-01



NOTES:  
 1. HORIZONTAL DATUM BASED ON NAD '83.  
 VERTICAL DATUM BASED ON NAVD '88.  
 BOTH DATUMS DERIVED FROM G.P.S. METHODS.  
 2. FIELD SURVEY WORK PERFORMED BY TAYLOR  
 WISEMAN & TAYLOR AUGUST 2007.

HIGH TIDE LINE +4.77  
 MEAN HIGH WATER +4.27  
 NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88) +3.2  
 MEAN LOWER LOW WATER 0.00

**SITE PLAN**  
 SCALE: 1" = 200.0'

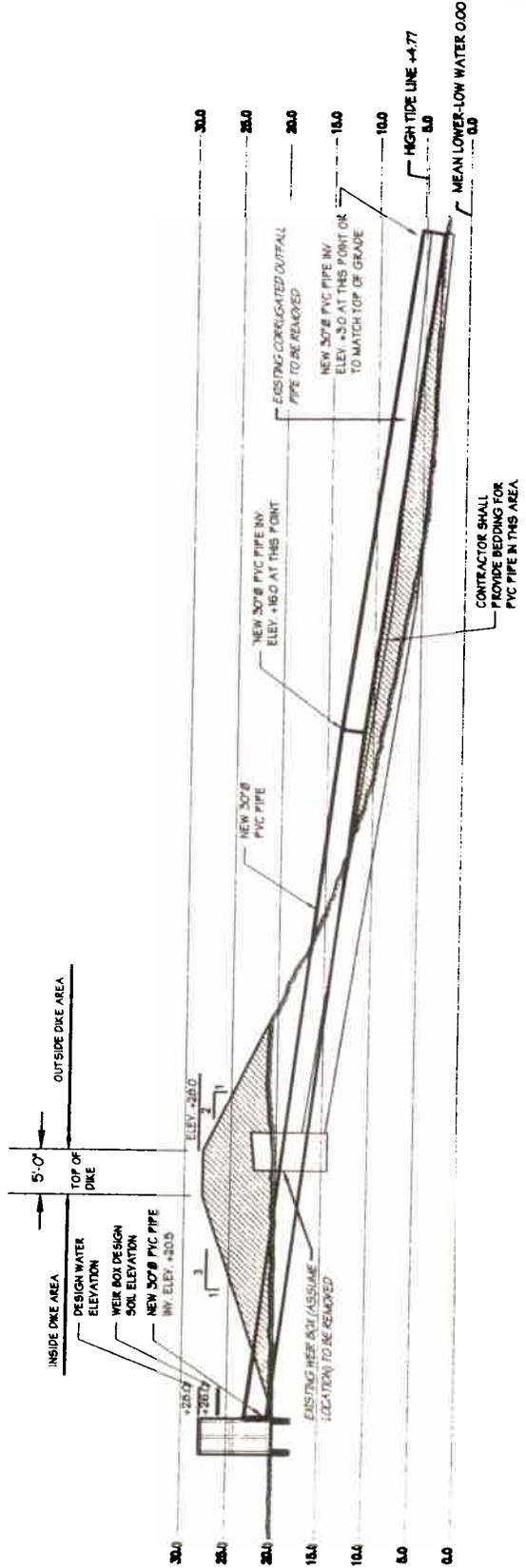
**NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION**

**S.T. HUDSON ENGINEERS, INC.**  
 PROFESSIONAL ENGINEERS & CONSULTANTS  
 800 Hudson Square  
 P.O. Box 9106  
 Camden, N.J. 08102  
 856-342-660

FILE No. S-2079  
 CONTRACT No. H-6305-02  
 DATE 10-31-2007  
 SHEET No. 1 of 7

PROPOSED:	DREDGE MATERIAL DISPOSAL SITE
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA

**HE**  
 Fax No. 856-342-6323



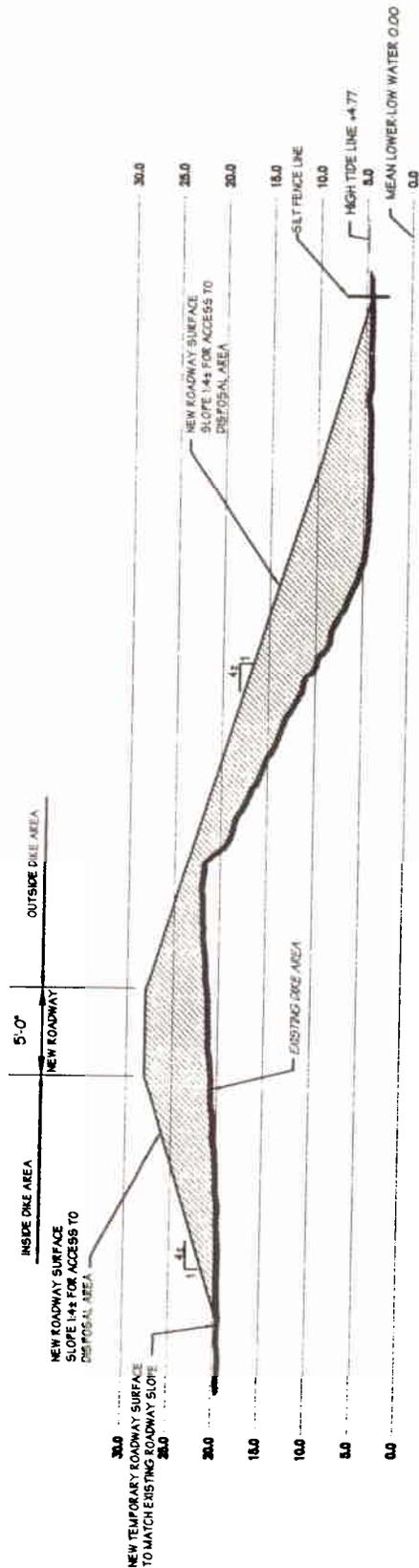
SECTION **A**  
SCALE: 1" = 20.0'

NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION

**S.T. HUDSON ENGINEERS, INC.**  
PROFESSIONAL ENGINEERS & CONSULTANTS  
800 Hudson Square  
P.O. Box 9106  
Camden, N.J. 08102  
856-342-660

FILE No. S-2079  
CONTRACT No. H-6305-02  
DATE 10-31-2007  
SHEET No. 2 of 7

PROPOSED:	DREDGE MATERIAL DISPOSAL SITE
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA



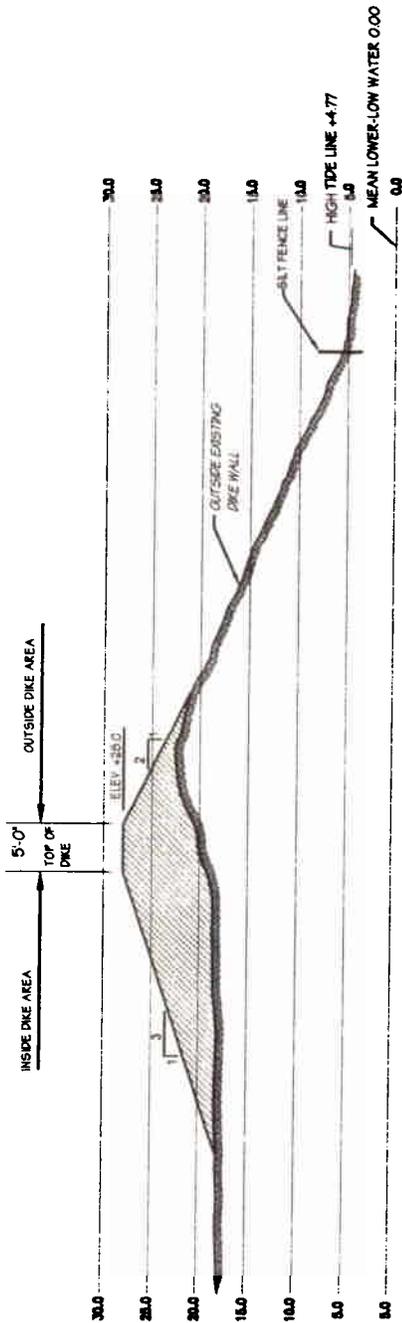
**SECTION B**  
SCALE: 1" = 20.0'

NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION

**S.T. HUDSON ENGINEERS, INC.**  
PROFESSIONAL ENGINEERS & CONSULTANTS  
800 Hudson Square  
P.O. Box 9106  
Camden, N.J. 08102  
Fax No. 856-342-8323

FILE No. S-2079  
CONTRACT No. H-6305-02  
DATE 10-31-2007  
SHEET No. 3 of 7

PROPOSED:	DREDGE MATERIAL DISPOSAL SITE
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA



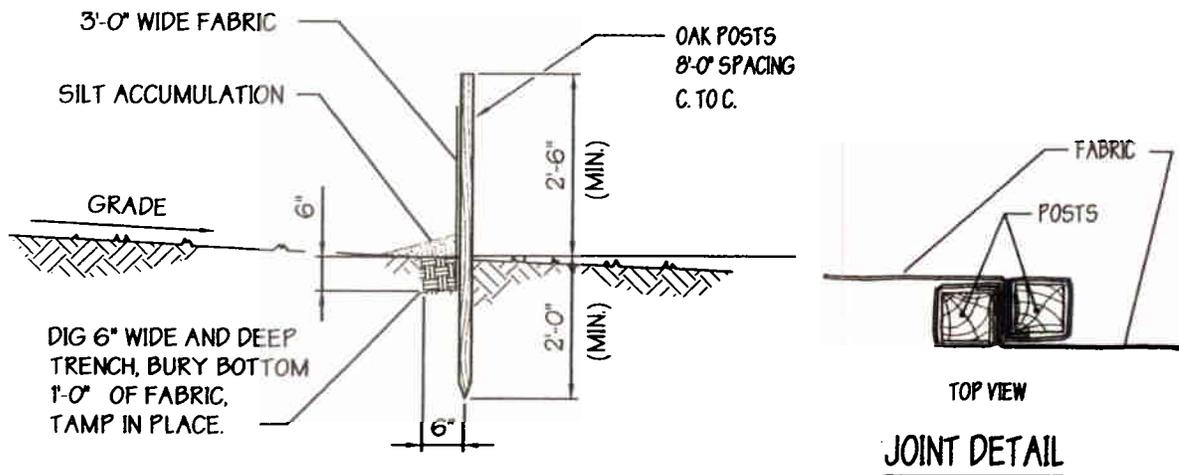
**SECTION C**  
SCALE: 1" = 20.0'

**NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION**

**S.T. HUDSON ENGINEERS, INC.**  
PROFESSIONAL ENGINEERS & CONSULTANTS  
800 Hudson Square  
P.O. Box 9106  
Camden, N.J. 08102  
Fax No. 856-342-8323 856-342-660

FILE No. S-2079  
CONTRACT No. H-6305-02  
DATE 10-31-2007  
SHEET No. 4 of 7

PROPOSED:	DREDGE MATERIAL DISPOSAL SITE
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA



SECTION

NOTES:

1. SILT FENCING MUST BE INSTALLED PARALLEL TO EXISTING CONTOURS OR TO CONSTRUCTED LEVEL ALIGNMENTS. ENDS OF FENCING MUST BE EXTENDED 10 FEET, TRAVELING UPSLOPE AT 45 DEGREES TO THE ALIGNMENT OF THE MAIN FENCING SECTION.
2. SEDIMENT MUST BE REMOVED WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF SILT FENCING.
3. ANY SILT FENCING WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE REPLACED WITH ROCK FILTER OUTLETS IMMEDIATELY.

**SILT FENCE CONSTRUCTION & INSTALLATION DETAIL**

SCALE: NONE



NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION

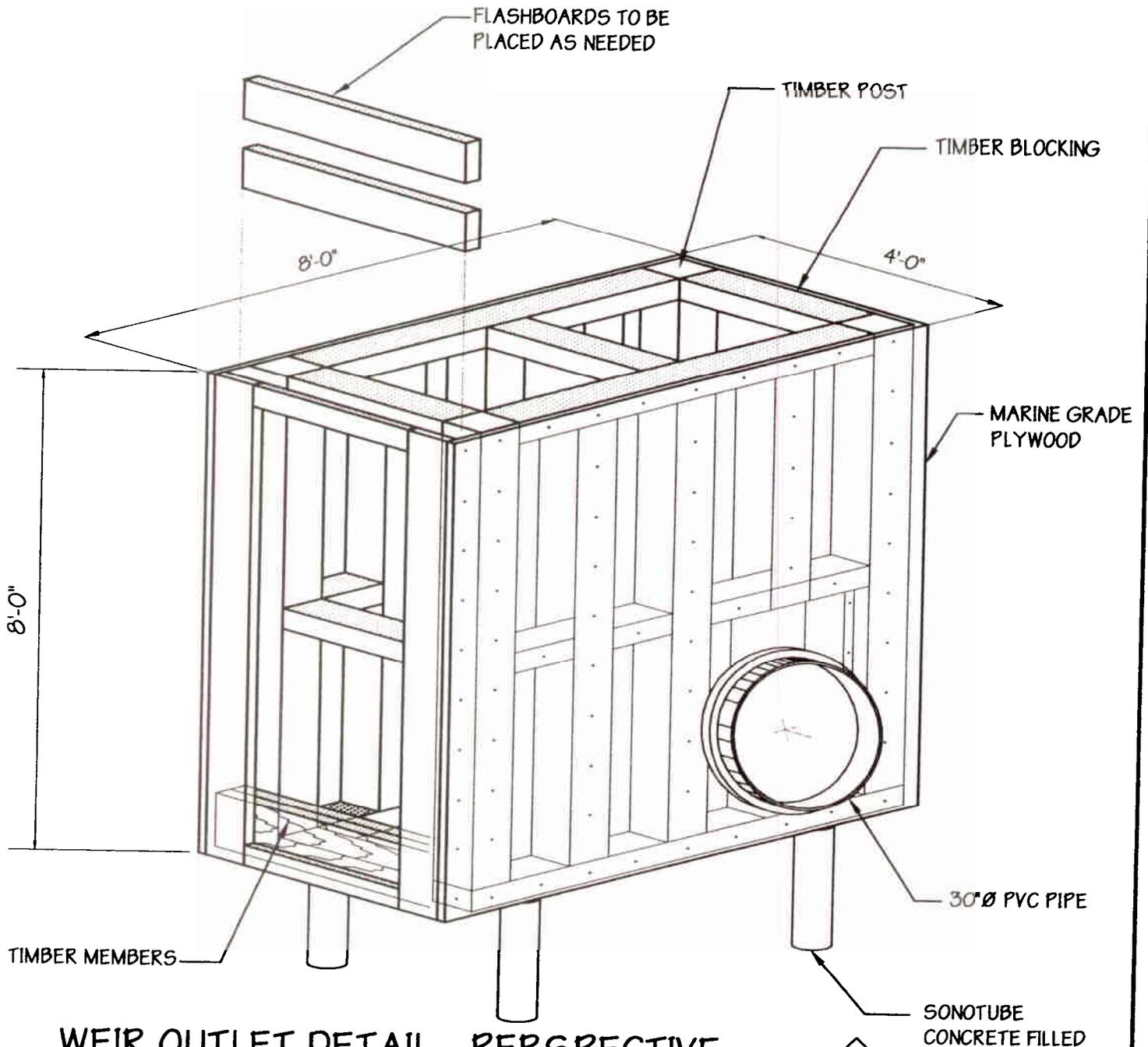
**S.T. HUDSON ENGINEERS, INC.**  
PROFESSIONAL ENGINEERS & CONSULTANTS

  
Fax No. 856-342-8323

800 Hudson Square  
P.O. Box 9106  
Camden, N.J. 08102  
856-342-880

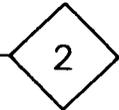
FILE No. S-2079  
CONTRACT No. H-6305-02  
DATE 10-31-2007  
SHEET No. 5 of 7

<b>PROPOSED: DREDGE MATERIAL DISPOSAL SITE</b>	
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA



**WEIR OUTLET DETAIL - PERSPECTIVE**

SCALE: NONE

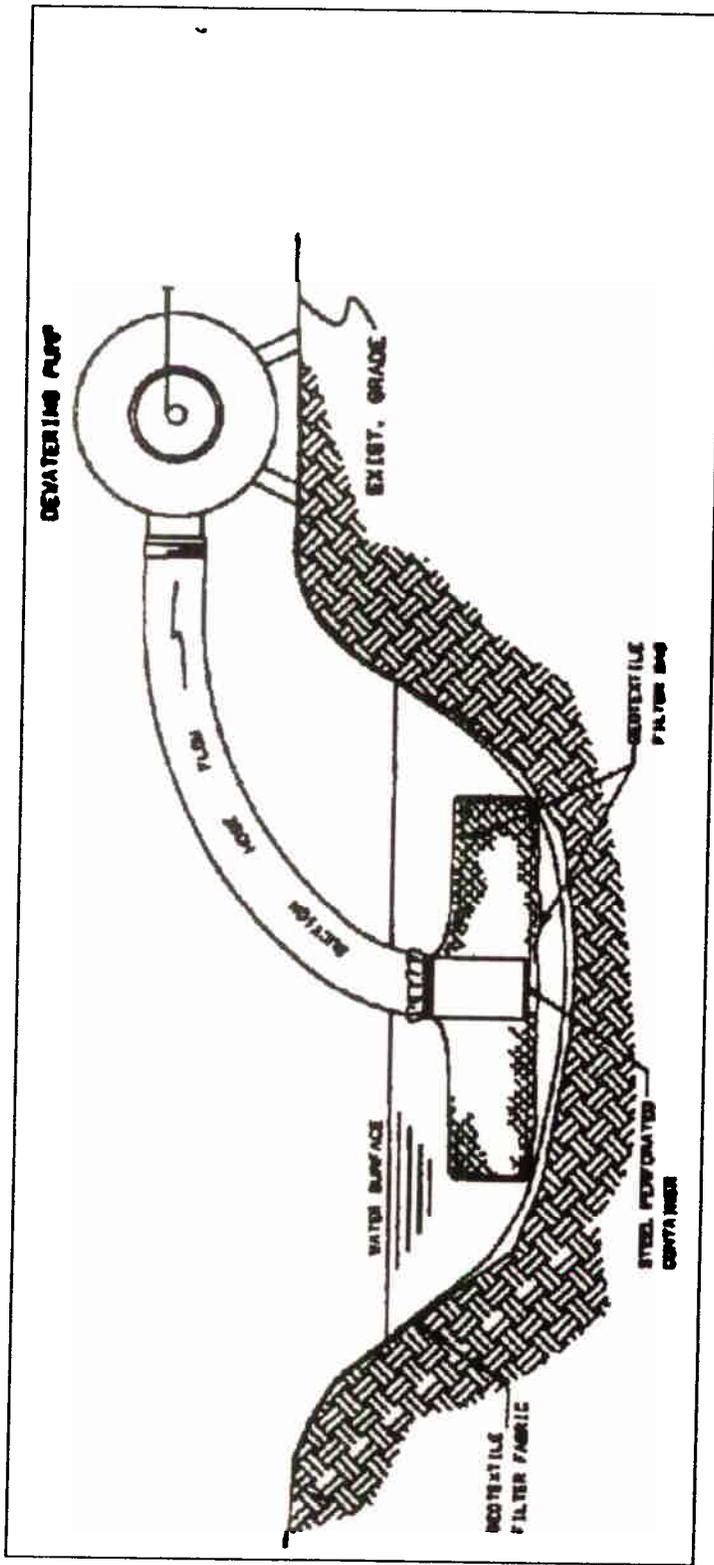


**NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION**

**S.T. HUDSON ENGINEERS, INC.**  
 PROFESSIONAL ENGINEERS & CONSULTANTS  
**HE**  
 800 Hudson Square  
 P.O. Box 9106  
 Camden, N.J. 08102  
 Fax No. 856-342-8323

FILE No. S-2079  
 CONTRACT No. H-6305-02  
 DATE 10-31-2007  
 SHEET No. 6 of 7

PROPOSED:	DREDGE MATERIAL DISPOSAL SITE
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA



3

**DEWATERING DETAIL**

SCALE: NONE

**NOTE:** FINAL DESIGN REQUIRED FOR CONSTRUCTION

**S.T. HUDSON ENGINEERS, INC.**  
 PROFESSIONAL ENGINEERS & CONSULTANTS

**HE**  
 Fax No. 856-342-8323

800 Hudson Square  
 P.O. Box 9108  
 Camden, N.J. 08102  
 856-342-660

FILE No. S-2079  
 CONTRACT No. H-6305-02  
 DATE 10-31-2007  
 SHEET No. 7 of 7

PROPOSED: DREDGE MATERIAL DISPOSAL SITE	
AT:	SHAW ISLAND- LOWER TOWNSHIP
COUNTY OF:	CAPE MAY
APPLICATION BY:	SCHOONER ISLAND MARINA