



foot long, eight (8) foot wide structure would be constructed. Stops would be installed on all of the floating docks to ensure that the structures do not rest on the substrate during any portion of the tidal cycle. All of the structures would be constructed using non-polluting materials. The structures would be removed/installed using barge mounted equipment staged within the waterway. Two vessels would be secured to the site, with the bow facing the bulkhead. The largest vessel would be forty (40) feet in length, with a maximum three (3) foot draft. The depth of water at the waterward most end of the structure would be 1 foot at mean low water. The waterward end of the proposed structure would be located a minimum of four hundred (400) feet from the center of the adjacent navigation channel. The site has been designated as Hard Clam - High Value Commercial on Plate - V Distribution of Shellfish Resources in Relation to the New Jersey Intracoastal Waterway Longport to Cape May generated by the US Department of Interior, Fish and Wildlife Service, dated January 1963. No dredging is currently proposed at the project site.

**PURPOSE:** The applicant's stated purpose is to replace a deteriorated bulkhead and reconfigure the mooring slips at the project 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, indicates that the proposed activities will have no effect on EFH or the species of concern. This determination is made based on the limited impacts to the substrate that would result from the project and the use of non-polluting materials for all the structures that would be constructed at the site. This determination may be modified based on coordination with the National Marine Fisheries Service.

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.

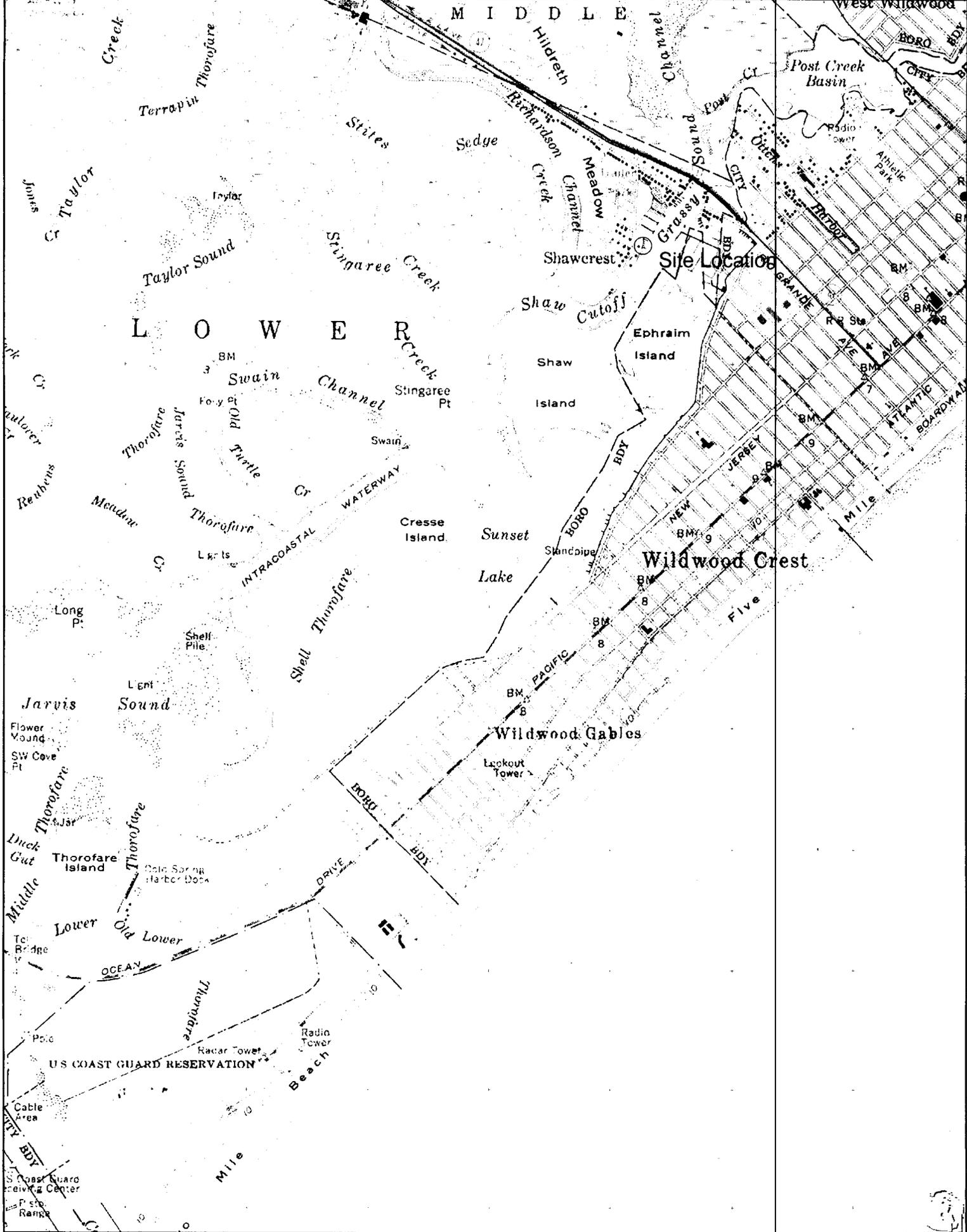
The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

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.



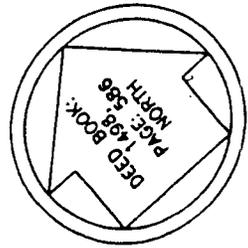
Frank J. Cianfrani  
Chief, Regulatory Branch



<Default> - 1 Markers, Length = 0 feet

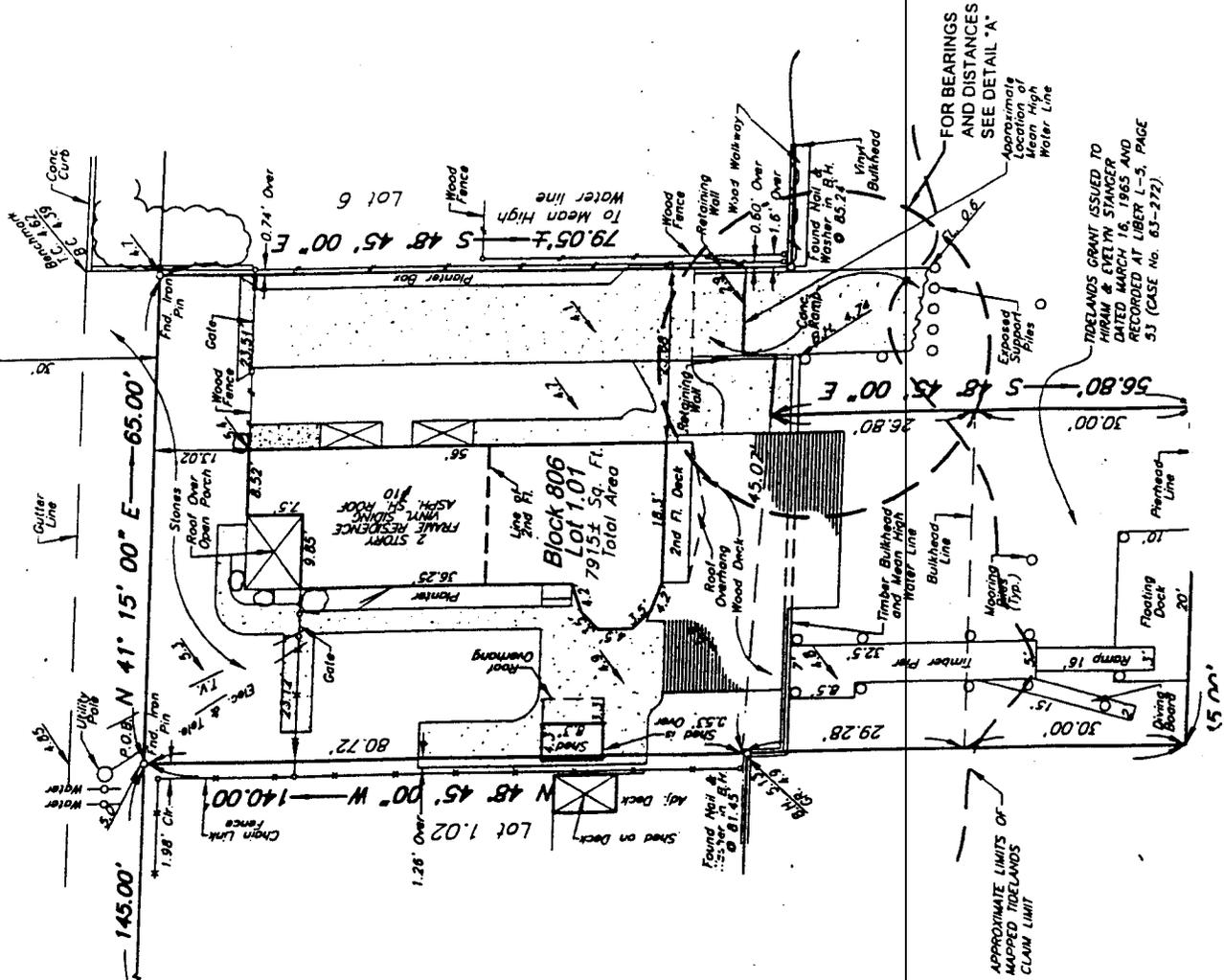
Site Location - 038° 59' 17.0" N, 074° 50' 13.9" W

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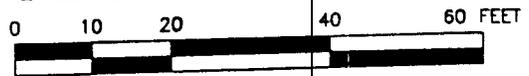
Shawcrest Road  
(60' Wide)

Buttercup Road  
Former Northeast R.O.W. of  
(50' Wide)

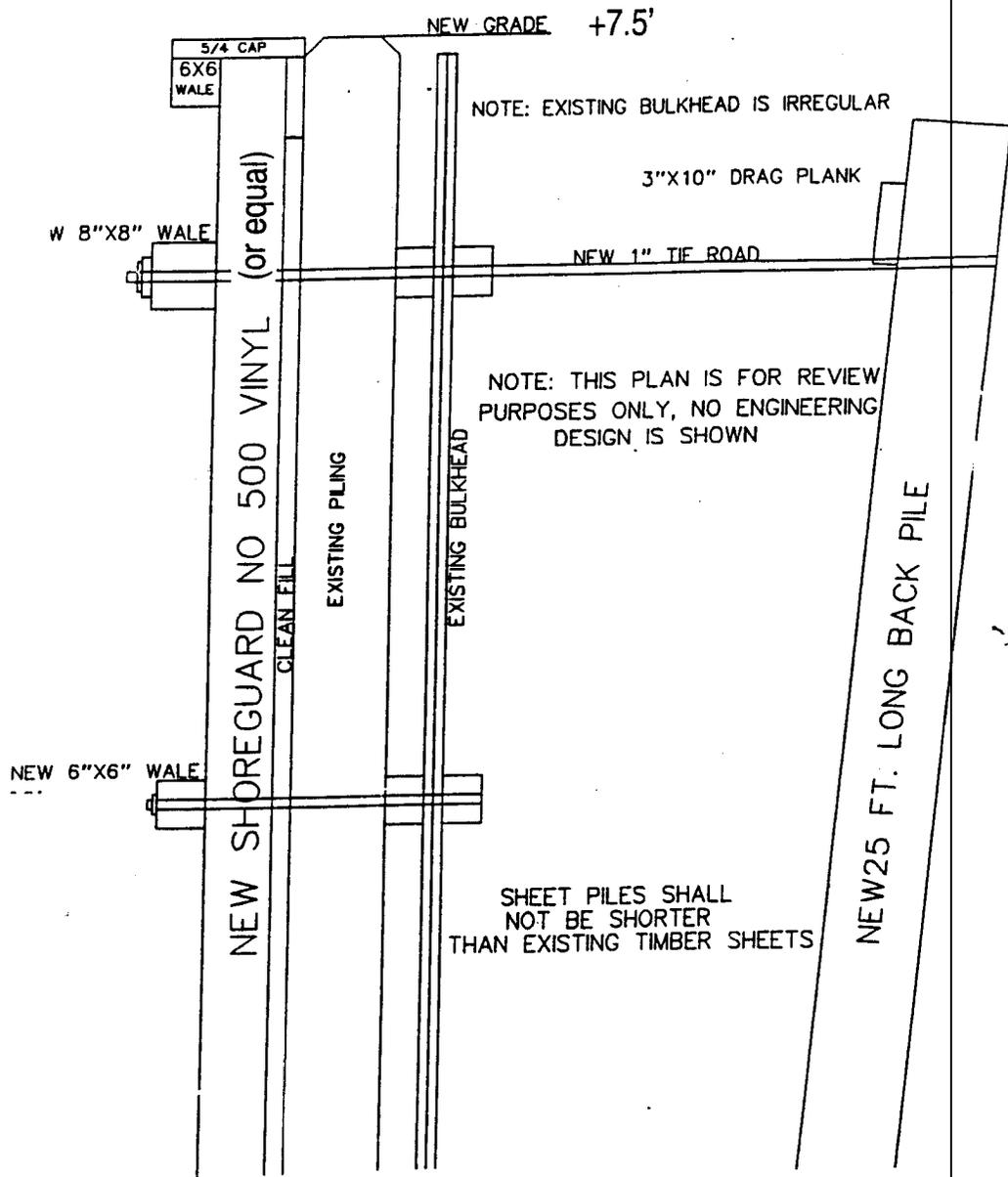


SURVEY BY OTHERS

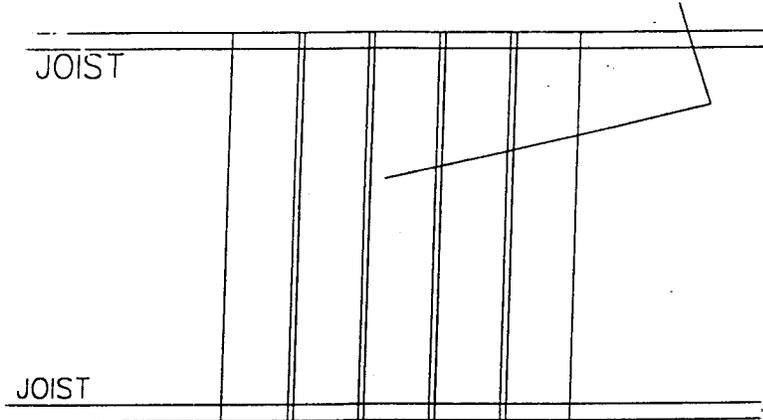
PLAN OF SURVEY





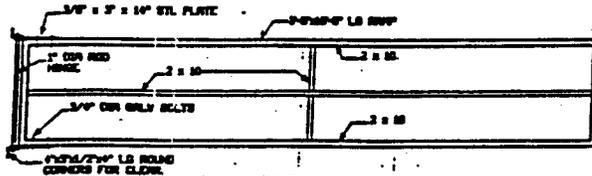


2"X 6" DECKING WITH  
1/2" SPACING BETWEEN

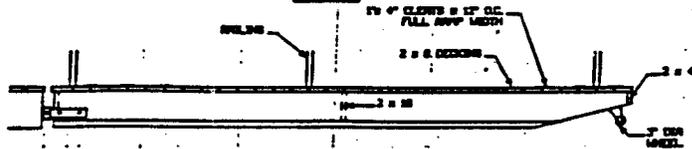


PLAN VIEW OF DECK, FLOAT AND RAMP SPACING  
SCALE 1"=2 FT.

# DECK, FLOAT AND RAMP SPACING

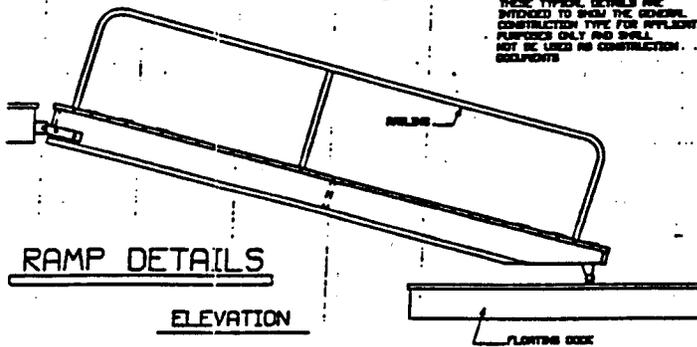


PLAN



ELEVATION

NOTE:  
THESE TYPICAL DETAILS ARE  
INTENDED TO SHOW THE GENERAL  
CONSTRUCTION TYPE FOR APPLICATION  
PURPOSES ONLY AND SHALL  
NOT BE USED AS CONSTRUCTION  
SCHEDULES



# SHAWCREST ROAD

(60 FT. WIDE)

N41°15' E  
65 FT.

145 FT. NE. OF THE NE. LINE  
OF BUTTERCUP ROAD (50 FT. WIDE)

N48°45' W  
140 FT.

NOTE: BULKHEAD TO BE PLACED  
IN SAME LOCATION OF EXISTING

NOTE: SPRING HIGH WATER LINE  
A.K.A. HTL IS ALONG BULKHEAD

S41°15' W  
11.10 FT.  
ALONG H.W.L.

S48°45' E  
80.15 FT.

HTL

NOTE: BULKHEAD  
TO FOLLOW  
EXISTING H.W.L.

FRAME DECK

EXISTING TIMBER BULKHEAD AND H.W.L.  
H.T.L. ALONG BULKHEAD  
FRAME DECK

CONCRETE  
S48°45' E  
5.00 FT.

RAMP

+4.73'

-0.8'

S41°08' 33" W  
8.23'

+3.85'

+6.88'

ADJOINING FIXED PIER

APPROX. M.L.W. LINE

S48°45' E  
54.83 FT.

GRASSY

DENOTES BOTTOM  
ELEVATION  
NGVD 1929

FRAME DOCK  
33.4'

5.0'

RAMP  
17.7'

19.2'

FLOAT  
3'

6.0'

45 FT.

S41°15' W

SOUND

EXISTING CONDITIONS

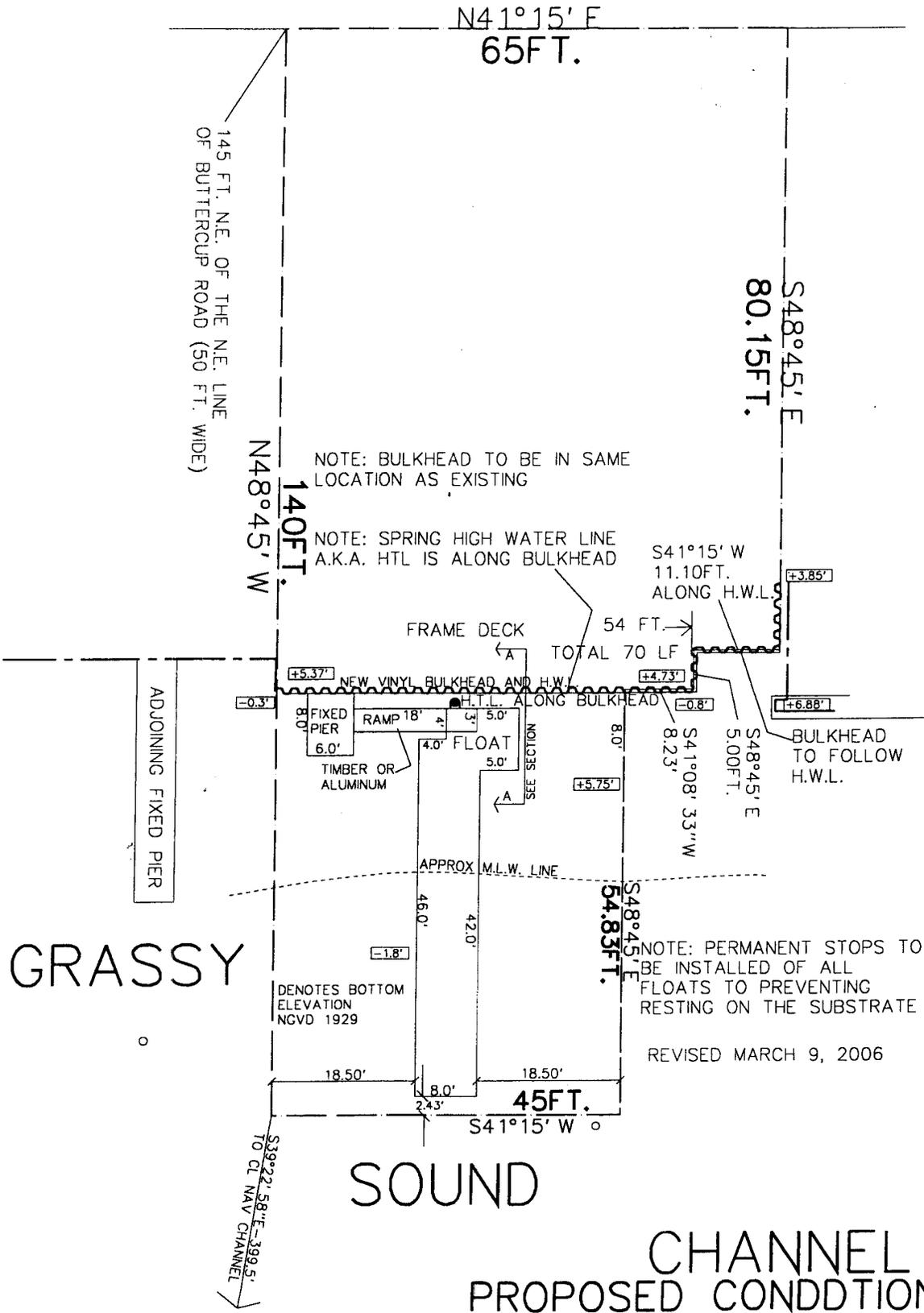
CHANNEL

REV 3/02/06 NOTES

S39°22' 58" E - 399.5'  
TO CL NAV CHANNEL

# SHAWCREST ROAD

(60 FT. WIDE)



SPECIFICATIONS  
FOR COMPLIANCE WITH  
N.J.A.C. 7:7E-3.2 EFFECTIVE May 21, 2001  
Docket Number 13-00-03/179

PILING

1. All piling shall be in compliance with the above docket and must be constructed of non-polluting material, such as, untreated natural lumber (such as cedar or other woods), concrete or other relatively inert products, such as plastic, vinyl or steel.

FIXED PIERS

2. All decking, joists, etc., shall be in compliance with the above docket and must be constructed of non-polluting material, such as, untreated natural lumber (such as cedar or other woods), concrete or other relatively inert products, such as plastic, vinyl or steel. Fasteners are to be galvanized, or equal. Spacing of decking shall comply with adopted standards.

FLOATING DOCKS

3. All materials used for the construction of the floats shall be in compliance with the above docket and must be constructed of non-polluting material, such as, untreated natural lumber (such as cedar or other woods), concrete or other relatively inert products, such as plastic, vinyl or steel. Fasteners are to be galvanized, or equal. Spacing of decking shall comply with adopted standards.

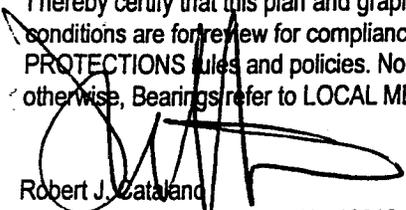
RAMPS

4. All ramps are to be constructed of inert materials.

GENERAL NOTES. All construction shall be made using the manufacturers recommendations. Due to the enormous selection and the continual updating of products available, **actual detail sheets are not provided**. However, like wood the methods of installation are very similar. Contractors are urged to use sound environmental judgment during all phases of the project, including but not limited to:

1. Jetting or driving of pilings during slack water if reasonably possible.
2. All cutting and fitting of pre-fabricated sections should be made on the upland.
3. Prevention of any materials from falling into the water area.
4. Complete clean-up of all trash or other un-used materials.

I hereby certify that this plan and graphic representations of the existing conditions are accurate. The proposed conditions are for review for compliance with the existing NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTIONS rules and policies. No Engineering design is proposed or intended by this office. Unless specified otherwise, Bearings refer to LOCAL MERIDIAN, and Elevations refer to NAD (1929 Datum)

  
Robert J. Cataland  
Professional Land Surveyor No 18612  
Professional Planner No 1600

# PLAN VIEW

## TYPICAL BULKHEAD DETAILS FOR VINYL BULKHEAD

