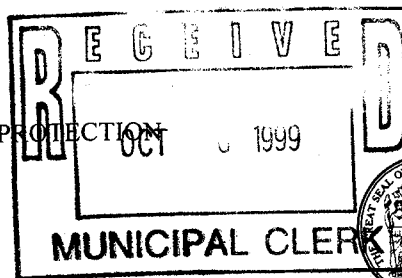




STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

(See Issuing Division below)

PERMIT*



The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to the further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No. 1506-89-0175.2		Application No. 1506-89-0175.2	
Issuance Date SEP 28 1999	Effective Date SEP 28 1999	Expiration Date SEP 28 2004	
Name and Address of Applicant Joseph & Diane Barravecchio 119 Princeton Avenue Brick, New Jersey 08724	Name and Address of Owner Applicant	Name and Address of Operator Applicant	
Location of Activity/Facility (Street Address) 119 Princeton Avenue Brick Township, Ocean County Metedeconk River Lot: 22 Block: 864	Issuing Division Land Use Regulation Program	Statute(s) NJSA 13:19-1 NJSA 12:15-3 NJSA 58:10A-1	
Type of Permit: CAFRA, Waterfront Development Water Quality Certification, CENAP-OP-R-SPGP-19		Maximum Approved Capacity, if applicable	

This permit grants permission to:

Reconstruct approximately 30 linear feet of bulkhead within the same footprint of the existing bulkhead. Construct approximately 116 linear feet of bulkhead 1' to 7' upland of the existing bulkhead remains and spring high water line. Remove existing dock structure. Construct an 8' x 23.3' pier that narrows to 6' for a 24' length, and a 6' x 20' "T" section at the channelward end of the pier for mooring. The work is shown on plans in one sheet labeled 5 of 7, entitled "Waterfront Development Application, Lot 22, Block 864, Brick Township, Ocean County, New Jersey, Applicant: Diane & Joseph Barravecchio", dated June 9, 1999, revised to September 9, 1999, prepared by Walter Scharfenberg, Professional Land Surveyor 14159. The approved plan is stamped and dated by NJDEP Land Use Regulation Program September 22, 1999.

This work is conditionally acceptable under the Rules on Coastal Zone Management (N.J.A.C. 7:7E-1.1 *et seq.*), specifically, Coastal Engineering (7:7E-7.11 (e)2), Wetlands (7:7E-3.27), and Recreational Docks and Piers (7:7E-4.2(e)).

The project site is located on New Jersey Wetlands/ Tidelands Map No. 441-2148. This permit is subject to approval of a Tidelands License (Tidelands Management Program File No. 89-0588-Mod).

Prepared by:

Helen A. Owens
Helen A. Owens

page 1 of 3

Revised Date	Approved by the Department of Environmental Protection		
	Name (Print or Type) _____	Title _____	
	Signature <u>SEE LAST PAGE OF PERMIT</u>	Date _____	

*The word permit means "approval, certification, registration, etc."

(General Conditions are on Page Three)

This permit is issued subject to and provided the following conditions can be met to the satisfaction of the Land Use Regulation Program.

Administrative Conditions

1. **Prior to construction, the permittee must receive approval of a Tidelands License (Tidelands Management Program File No. 89-0588-Mod). Failure to comply with this condition will result in fines up to \$1000 plus \$100 per day, a higher fee for the conveyance and possible prosecution by the Attorney General's Office to remove structures and pay use and occupancy charges.**
2. The approved work is subject to conditions of the attached Department of the Army general permit.
3. This permit is NOT VALID until the permit acceptance form has been signed by the applicant, accepting and agreeing to adhere to all permit conditions, and returned to the Land Use Regulation Program at P.O. Box 439, Trenton, NJ 08625.
4. This permit shall be RECORDED in the office of the County Clerk (the REGISTRAR OF DEEDS AND MORTGAGES in the applicable counties) in the county wherein the lands included in the permit are located within ten (10) days after receipt of the permit by the applicant and verified notice shall be forwarded to the Land Use Regulation Program immediately thereafter.
5. The permittee must notify the Bureau of Coastal & Land Use Compliance & Enforcement (1510 Hooper Avenue, Toms River, NJ 08753) at least 3 days prior to the commencement of construction activities. The permittee shall allow an authorized Program representative the right to inspect the construction pursuant to N.J.A.C. 7:7E-1.5(b)4.

Physical Conditions

6. The existing log structure may be removed, however, **this permit does not authorize excavation of soils or destruction of vegetation channelward of the replacement bulkhead.**
7. **The disturbance or destruction of phragmites wetlands outshore of the existing log bulkhead structure is prohibited. Any disturbance to wetlands shall be restored to the pre-construction conditions.**
8. Bulkhead backfill material shall be obtained from an upland source. **Dredging to obtain backfill material is prohibited.** Any dredging activities will require a separate Waterfront Development permit from the Land Use Regulation Program and must comply with the policies on Maintenance or New Dredging (7:7E-4.11(f) or (g)).
9. **Prior to construction of the new dock structures, the existing dock structure shall be removed, or reduced to the 8' width shown on the approved plan.**
10. The proposed dock structures shall not exceed the dimensions as specified in the above description, and shown on the approved plan.
11. The width of the fixed docks shall not exceed twice the clearance between the structure and the surface of the water at mean high tide. For example an 8 foot wide dock shall have a minimum clearance of 4 feet between the bottom of the stringers and the water surface at mean high tide.
12. Space between horizontal planking is maximized and width of horizontal planking is minimized to the maximum extent practicable. Under normal circumstances, a minimum of 3/8 inch, 1/2 inch, 3/4 inch, or one inch space it to be provided for four inch, six inch, eight to 10 inch, or 12 inch plus wide planks, respectively.

13. All debris generated from the construction shall be disposed of at an approved disposal site.

Coastal Permit General Conditions

1. This permit is revocable, or subject to modification or change at any time, pursuant to the applicable regulations, when in the judgement of the Department of Environmental Protection of the State of New Jersey such revocation, modification or change shall be necessary.
2. The issuance of the permit shall not be deemed to affect in any way action by the Department of Environmental Protection of the State of New Jersey on any future application.
3. The works, facilities, and/or activities shown by plans and/or other engineering data, which are this day approved, subject to the conditions herewith established, shall be constructed and/or executed in conformity with such plans and/or engineering data and the said conditions.
4. No change in plans or specifications shall be made except with the prior written permission of the Department of Environmental Protection of the State of New Jersey.
5. The granting of this permit shall not be construed to in any way affect the title or ownership of property, and shall not make the Department of Environmental Protection or the State a party in any suit or question of ownership.
6. This permit does not waive the obtaining of Federal or other State or local government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained.
7. A copy of this permit shall be kept at the work site, and shall be exhibited upon request of any person.
8. In cases of conflict, the conditions of this permit shall supersede the plans and/or engineering data.

DATE: September 28, 1999

SIGNATURE: _____

Kevin J. Broderick
Kevin J. Broderick, Supervisor
Bureau of Coastal Regulation

C ACOE Philadelphia District
Bureau of Tidelands
Bureau of Coastal & Land Use Compliance & Enforcement, Toms River
Ocean County Planning Board
Brick Township Construction Official

DEPARTMENT OF THE ARMY GENERAL PERMIT
NEW JERSEY-SPGP-19

PERMITTEE AND PERMIT NUMBER:

Joseph & Diane Baravaccchio
1506-89-0175.2

CENAP-OP-R-SPGP-19

ISSUING OFFICE:

Department of the Army
U.S. Army Corps of Engineers, Philadelphia District
Wanamaker Building - 100 Penn Square East
Philadelphia, Pennsylvania 19107-3390

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

PROJECT DESCRIPTION: Existing and proposed non-commercial piers, docks, mooring piles, boat lifts, timber breakwaters and the replacement of existing bulkheads within eighteen (18) inches of existing serviceable bulkhead structures

PROJECT LOCATION: Navigable waters of the United States in the State of New Jersey. This general permit is applicable to the appropriate navigable waters located within the geographic boundaries of both the Philadelphia District and the New York District of the Corps of Engineers.

PERMIT CONDITIONS:

General Conditions:

1. The time limit for completing the work authorized by this general permit ends on December 31, 1999. However, special condition 25 specifically addresses those circumstances where this time limit may be extended beyond December 1999.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you sell the property associated with this general permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
4. If a conditioned water quality certification has been issued for your project by NJDEP, you must comply with conditions specified in the certification as special conditions to this general permit.
5. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your general permit.

Special Conditions:

1. That in order for work and structures to be approved by this general permit the work and structures must be reviewed and receive the approval(s) of the New Jersey Department of Environmental Protection and Energy, pursuant to N.J.S.A. 12:5-B (Waterfront Development Permit), N.J.S.A. 13:9A-1 et seq (Wetlands Permit) and New Jersey Water Pollution Control Act, H.J.S.A. 58, 10A (Water Quality Certificate).
2. This general permit is not applicable to work which is authorized by the State due to failure of the State to make a permit decision within the review period mandated by State Law and/or regulation.
3. That the work and/or structures may be used for non-commercial purposes only.
4. No more than four (4) vessels shall be typically moored at any one time.
5. That the structures subject to this general permit shall not extend more than 20 percent of the width of the adjacent waterway measured from mean low water line and in no instances exceed 250 feet channelward of the mean high water line. Each application shall include a written justification for the number and length of all proposed structures.
6. That the piers and docks subject to this general permit shall be limited to a maximum width of eight (8) feet except where crossing wetlands, mudflats and submerged vegetation where the width of the structures shall be limited to a maximum width of six (6) feet. The height of structures over wetlands shall be a minimum of four (4) feet.
7. That all construction equipment working on wetlands shall be supported on mats. Any wetlands disturbed during construction shall be restored to pre-project conditions.
8. That this general permit only authorizes the construction of timber breakwaters. All breakwaters must be constructed at least 18 inches above the bottom of the waterway with a minimum spacing of three (3) inches between sheathing.
9. That the structures subject to this general permit shall be constructed a minimum of 50 feet outside of any authorized navigation channel/project, except within the West Canal and along Inside Thorofare from Portland Avenue to Albany Avenue, Ventnor, New Jersey. Proposed structures within the West Canal and Inside Thorofare shall be a minimum of 25 feet outside of the authorized Federal navigation channel. Existing authorized structures presently located within the buffer zone must meet these buffer zone requirements if they are proposed for reconstruction in the future.

10. That this general permit is not applicable for work directly related to another activity requiring an individual Department of the Army permit application and approval by the District Engineer, Corps of Engineers.

11. That provisions of this general permit will not apply to:

a. Historic, cultural or archaeological sites as provided in the National Historic Preservation Act of 1966.

b. Sites included or eligible for inclusion in the National Registry of Natural Landmarks which are published periodically in the Federal Register.

c. Any areas named in Acts of Congress or Presidential Proclamations as National Rivers, National Wilderness Areas, National Wildlife Refuges, National Seashores, National Recreation Areas, National Lakeshores, National Parks, National Monuments, and such areas as may be established under Federal Law for similar and related purposes, such as estuaries and marine sanctuaries.

d. Any areas designated as a component of the National Wild and Scenic River System; or any river officially designated by Congress as a "study river" for possible inclusion in the system, while the river is in an official study status.

12. The applicant must notify the District Engineer if the authorized activity may affect any historic properties listed, or determined to be eligible, or which the applicant has reason to believe may be eligible for listing on the National Register of Historic Places, and shall not begin the activity until notified by the District Engineer that the requirements of National Historic Preservation Act have been satisfied and that the activity is authorized. Furthermore, that if the permittee before or during prosecution of the work authorized encounters a historic property that has not been listed or determined eligible for listing on the National Register but which may be eligible for listing in the National Register, he shall immediately notify the District Engineer.

13. Any archeological artifacts discovered during the performance of work under the authorization of this general permit must be adequately protected and their discovery promptly reported to the District Engineer.

14. No activity authorized under this General Permit shall adversely affect any federally-listed threatened or endangered species, as identified under the Endangered Species Act of 1973, or result in the destruction or adverse modification of critical habitat of such species. If the activity may affect listed species or critical habitat, or is likely to jeopardize proposed species, or likely to result in the adverse modification of proposed critical habitat, the Corps shall initiate and complete a Section 7 consultation or conference, as appropriate, in accordance with the Endangered Species Act of 1973 prior to authorization of the activity under this General Permit.

15. That no public or private shellfish beds or submerged aquatic vegetation beds shall be adversely impacted by the authorized structures. The findings and/or determination made by NJDEP with regard to shellfish beds and submerged aquatic vegetation beds as a part of the State approval shall generally be considered conclusive with regard to shellfish and submerged aquatic vegetation impacts.

16. That prior to commencing any work under this general permit, the permittee should contact the various utility authorities and companies (i.e., electric, gas, water, sewage, etc.) in order to prevent personal injury and/or damage to property during construction of work.

17. That this general permit does not authorize the following:

a. Any dredging, or any other activity not specified in this general permit.

b. Piers, docks, boat lifts and breakwaters constructed of solid fill (earth or rock). Construction of these types of structures will require submission of a separate permit application to the Philadelphia District Engineer and issuance of an Individual Department of the Army Permit.

c. The storage of petrochemicals, pollutants, or hazardous products on docks or piers.

d. Any structures or work within the Cape May Canal. Proposed work/structures within this waterway will require submission of a separate permit application to the Philadelphia District Engineer and issuance of an Individual Department of the Army Permit.

18. That the District Engineer retains discretionary authority to require on a case-by-case basis submission of an individual Department of the Army permit application for proposed work when it is determined that such a review would be in the public interest (i.e., potential for significant impact on environmental resources, effect on navigation, etc.).

19. All work performed under the authorization of this general permit must be consistent with approved coastal zone management program. The applicant must include a statement with the permit application indicating 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", specifically New Jersey Coastal Resource and Development Policies (N.J.A.C. 7:7E-1.1 et seq).

20. If it is discovered that an individual is performing work under the pretense that it is authorized by this general permit, and in fact it is not, he must specifically apply for an individual Department of the Army permit to perform the work. If the Department of the Army permit is denied, the applicant shall, without expense to the United States and in such time and manner as the Secretary of the Army or his authorized representative may direct the restoration of the waterway to its former condition. If the individual fails to comply with the direction of the Secretary of the Army or his authorized representative, the Secretary or his designee may restore the waterway to its former condition, by contract or otherwise, and recover the cost thereof from the individual.

21. That pollution of the waterway with harmful chemicals, fuels, oils, greases, bituminous material, acid, waste washings, and/or other harmful materials, shall be prevented.

22. That all work identified and authorized herein shall be consistent with the terms and conditions of this general permit; and that any activities not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this permit, in whole or in part, and may result in the institution of such legal proceedings as the United States Government may consider appropriate.

23. That the permittee shall notify the District Engineer a minimum of two (2) weeks prior to commencing any work authorized by this general permit.

24. Structures for Small Boats: That the permittee hereby recognizes the possibility that the structures permitted may be subject to damage by wave wash from passing vessels. The issuance of this general permit does not relieve the permittee from taking all proper steps to insure the integrity of

the structures permitted and the safety of boats moored thereto from damage by wave wash and the permittee shall not hold the United States liable for any such damage.

25. This General Permit will expire on December 31, 1999. At that time, this General Permit may be re-issued/extended. In the event that this General Permit is re-issued/extended, any activity which has been authorized under the terms and conditions of this General Permit will remain authorized until such time that the required State permit/authorization issued with the general permit expires, provided the authorized activity complies with any subsequent re-authorization or modification of this general permit.

FURTHER INFORMATION:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

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

2. Limits of this authorization.

a. This general permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This general permit does not grant any property rights or exclusive privileges.

c. This general permit does not authorize any injury to the property or rights of others.

d. This general permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this general permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this general permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this general permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

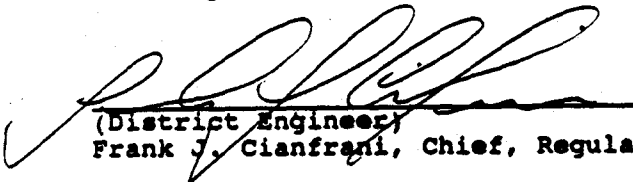
6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE)

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.


(District Engineer)
Frank J. Cianfrani, Chief, Regulatory Branch

30 Dec 1994
(DATE)

for Robert P. Magnifico, Lieutenant Colonel
Corps of Engineers, District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE)

(DATE)

GEORGE W. HENN, INC.
CIVIL ENGINEERS, LAND SURVEYORS *and* PROFESSIONAL PLANNERS



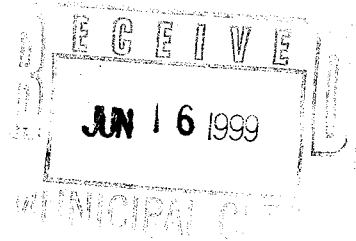
435 Mantoloking Road
Bricktown, New Jersey 08723

6/16/99
Copy to:
Twp. Engineer

Phone (732) 477-6500
Fax (732) 920-8459

June 15, 1999

Reference: *Coastal Permits for
Waterfront Development Permit Application
Bureau of Tidelands License Application
Applicant: Joseph & Diane Barravecchio
Lot 22, Block 864 - 119 Princeton Avenue
Brick Township, Ocean County, New Jersey
Our File Number 99-080--R*



To Whom It May Concern:

This letter is to provide you with legal notification that an application will be submitted to the New Jersey Department of Environmental Protection for Coastal Permits for a Waterfront Development Permit Application and Bureau of Tidelands License Application.

The complete permit application package can be reviewed at either the Municipal Clerk's Office or by appointment at the D.E. P.'s Trenton Office.

The Dept. of Environmental Protection welcomes comments and any information that you may have concerning the proposed development and site. If you have any comments, please submit them within 15 days of receiving this letter. In your letter, you may request a hearing, if you believe one is necessary. Requests for a public hearing should state the specific nature of the issues proposed to be raised at the hearing. Both comments and hearing requests should be sent along with a copy of the letter to:

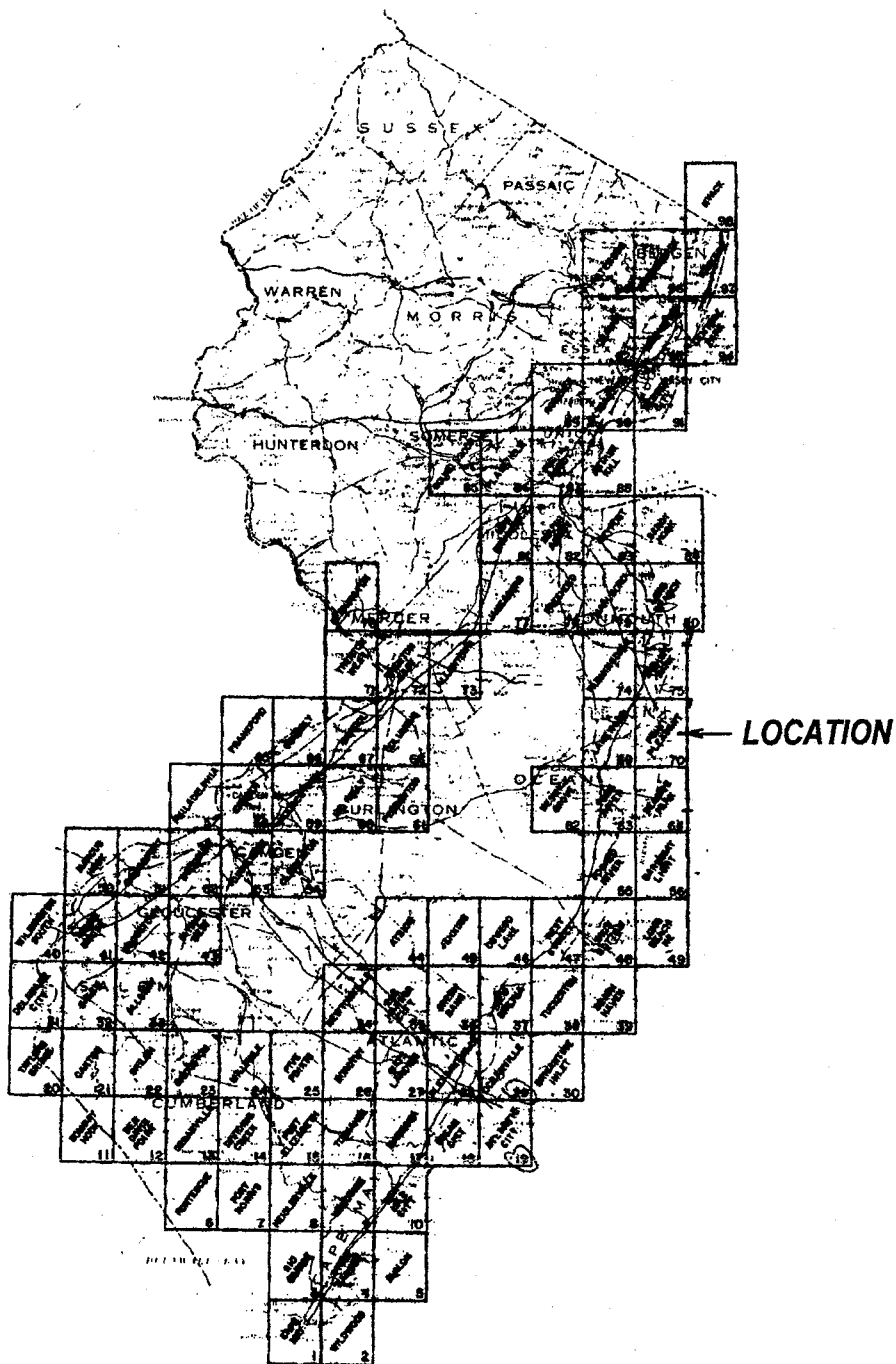
**New Jersey Department of Environmental Protection
Land Use Regulation Program and/or Tidelands Management Program
PO Box 439
5 Station Plaza
Trenton, NJ 08625**

Attention: Ocean County Section Chief

Yours Truly,

GEORGE W. HENN, INC.

Walter Scharfenberg
Walter Scharfenberg



WATERFRONT DEVELOPMENT APPLICATION
 LOT 22, BLOCK 864
 BRICK TOWNSHIP
 OCEAN COUNTY, NEW JERSEY

Applicant: Diane & Joseph Barravecchio

GEORGE W. HENN, INC.

RIPARIAN CONSULTANTS

ENGINEERS SURVEYORS PLANNERS

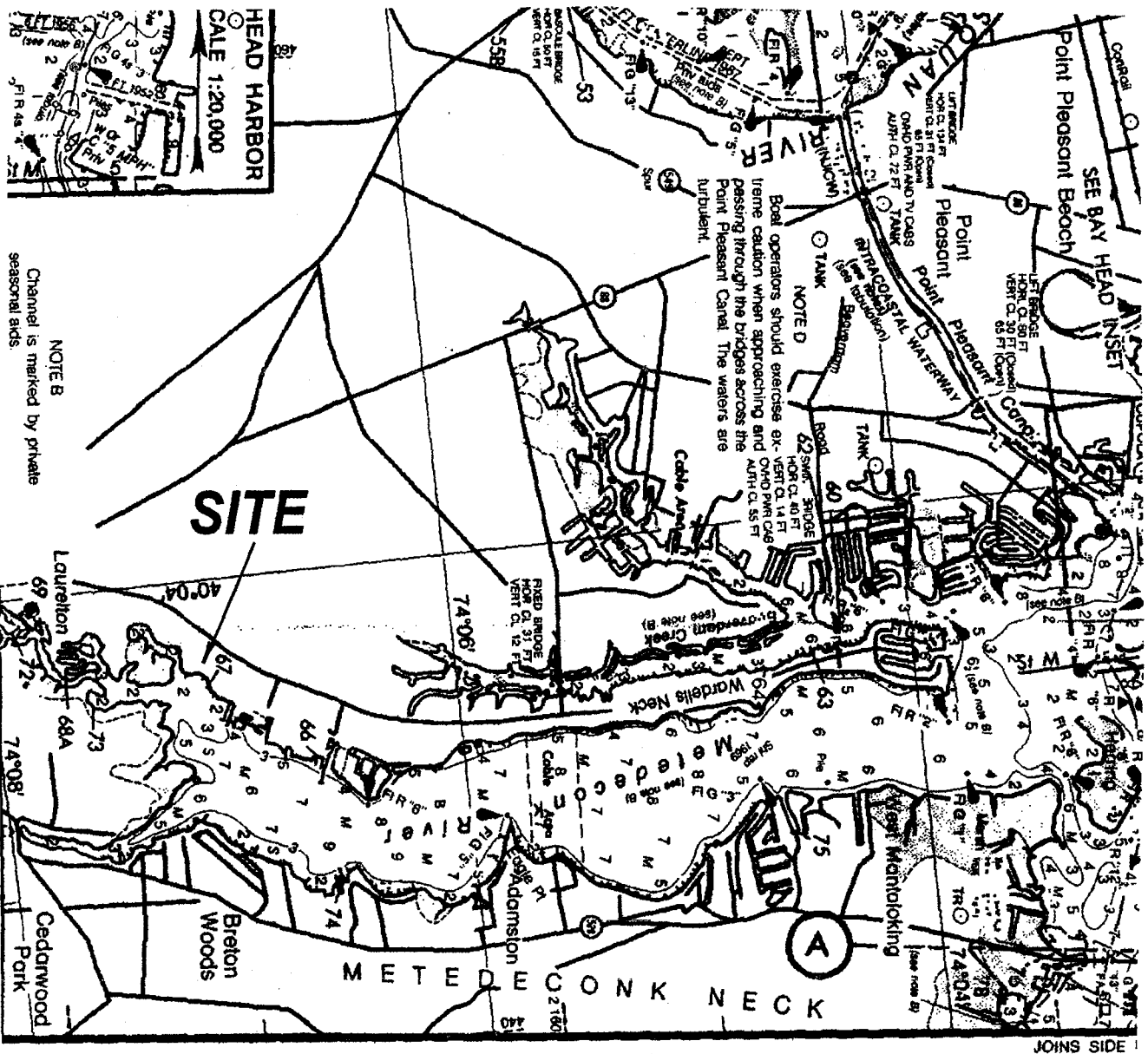
435 MANTOLOKING RD., BRICKTOWN, NJ 08723
 PHONE: 732-477-6500 FAX: 732-920-8459

DATE: June 9, 1999 SCALE: 1" = 20 MI. FILE: 99-080-R

REVISION:

SHEET 1 OF 7

Walter Scharfenberg
WALTER SCHARFENBERG
 PROFESSIONAL LAND SURVEYOR 14159



WATERFRONT DEVELOPMENT APPLICATION
 LOT 22, BLOCK 864
 BRICK TOWNSHIP
 OCEAN COUNTY, NEW JERSEY

Applicant: Diane & Joseph Barravecchio

GEORGE W. HENN, INC.

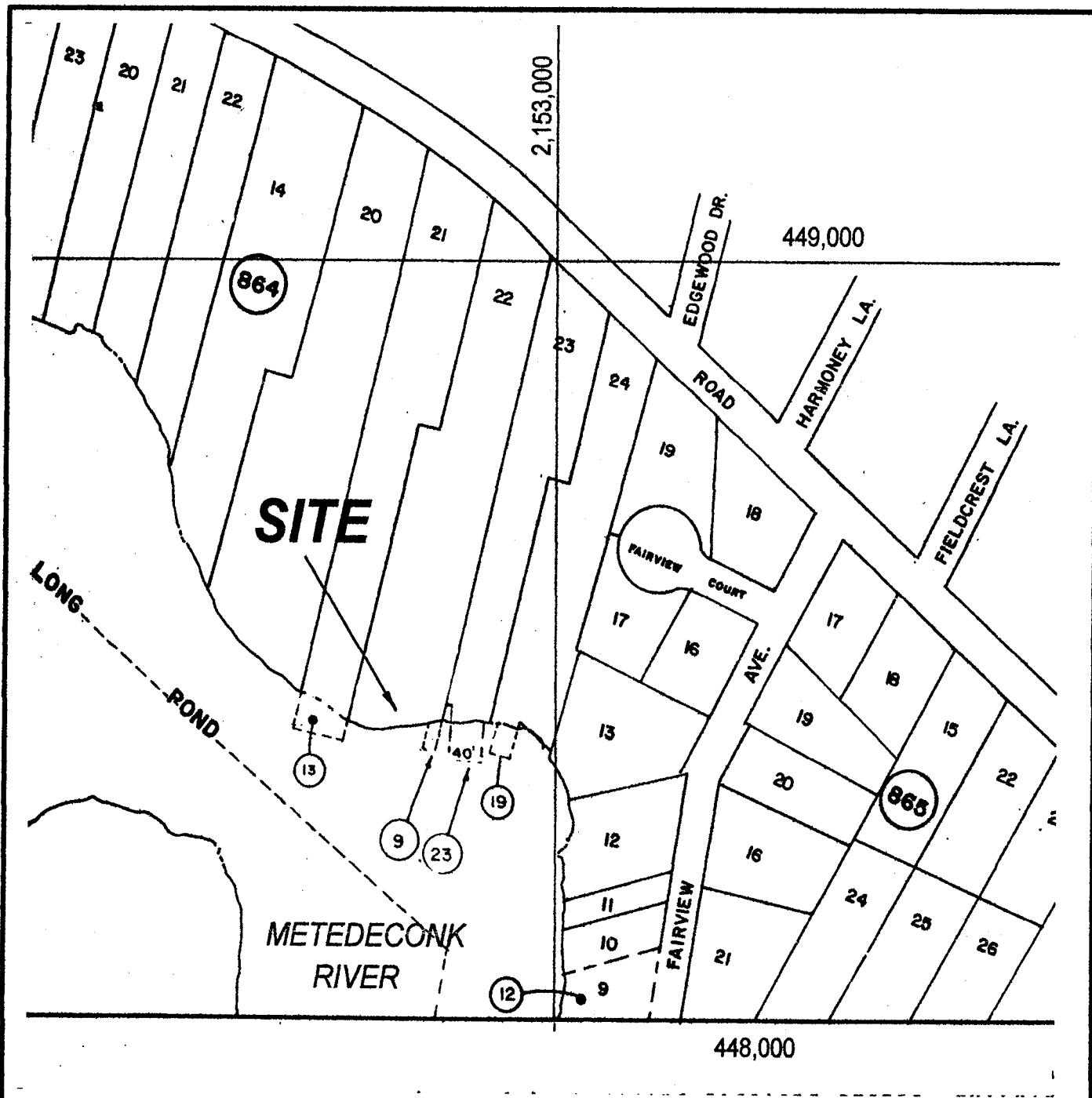
RIPARIAN CONSULTANTS

ENGINEERS SURVEYORS PLANNERS

435 MANTOLOKING RD., BRICKTOWN, NJ 08723
 PHONE: 732-477-6500 FAX: 732-920-8459

DATE: June 9, 1999 SCALE: 1" = 3000' FILE: 99-080-R
 REVISION: SHEET 2 OF 7

Walter Scharfberg
WALTER SCHARFBERG
 PROFESSIONAL LAND SURVEYOR 14159



WATERFRONT DEVELOPMENT APPLICATION
 LOT 22, BLOCK 864
 BRICK TOWNSHIP
 OCEAN COUNTY, NEW JERSEY

Applicant: Diane & Joseph Barravecchio

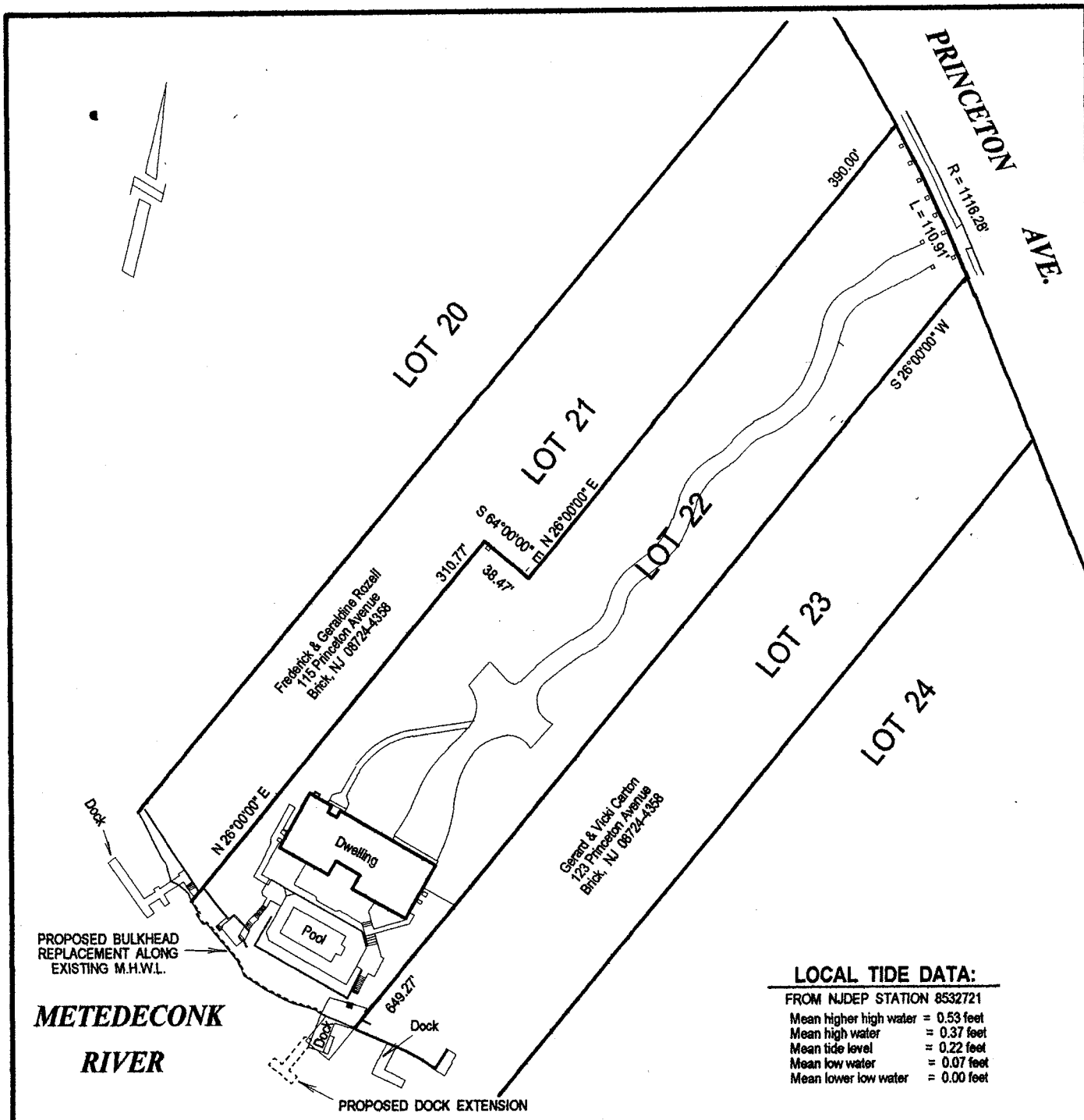
GEORGE W. HENN, INC.

RIPARIAN CONSULTANTS
 ENGINEERS SURVEYORS PLANNERS
 435 MANTOLOKING RD., BRICKTOWN, NJ 08723
 PHONE: 732-477-6500 FAX: 732-920-8459

DATE: June 9, 1999 SCALE: 1" = 200' FILE: 99-080-R

REVISION: SHEET 3 OF 7

Walter Scharfenberg
WALTER SCHARFENBERG
 PROFESSIONAL LAND SURVEYOR 14159



WATERFRONT DEVELOPMENT APPLICATION
LOT 22, BLOCK 864
BRICK TOWNSHIP
OCEAN COUNTY, NEW JERSEY

Applicant: Diane & Joseph Barravecchio

GEORGE W. HENN, INC.

RIPARIAN CONSULTANTS

ENGINEERS SURVEYORS PLANNERS

435 MANTOLOKING RD., BRICKTOWN, NJ 08723
PHONE: 732-477-6500 FAX: 732-920-8459

DATE: June 9, 1999 **SCALE: 1" = 100'** **FILE: 99-080-R**

REVISION: **SHEET 4 OF 7**

Walter Scharfenberg
WALTER SCHARFENBERG
PROFESSIONAL LAND SURVEYOR 14159

RULES ON COASTAL ZONE MANAGEMENT
N.J.A.C. 7:7E-1.1 et seq.

7:7E-4.11 Acceptability Conditions for Uses (e) Docks and Piers (Recreational)

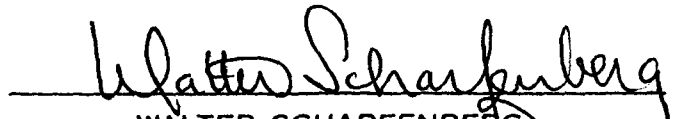
- iv. There is minimum feasible interruption of natural water flow patterns;
- v. Space between horizontal planking is maximized and width of horizontal planking is minimized to the maximum extent practicable. Under normal circumstances, a minimum of 3/8", 1/2", 3/4", or 1" space is to be provided for 4", 6", 8-10", or 12"+ wide planks, respectively;
- vi. The width of the structure shall not exceed twice the clearance between the structure and the surface of the ground below or the water surface at mean high tide (measured from bottom of stringers), except for floating docks. Under typical circumstances the maximum width of the structure shall be 8 feet over water and 6 feet over marsh, wetlands and mudflats. The height of the structure over wetlands shall be a minimum of 4 feet regardless of width;
- vii. In lagoons the structure extends no more than 20 percent of the width of the lagoon from bank to bank, and
- viii. Breakwater attached to the structures shall be at least 18" above the bottom of the waterway and shall provide a minimum of 3" spacing between planks.

3.24 Existing Lagoon Edge

Definition clarified

The policy was amended to specify that reconstruction of retaining structures may not extend outshore more than 18 inches and that new retaining structures must be consistent with the acceptability conditions for filling N.J.A.C. 7:7E-4.11(i) (February 3, 1986).

This policy was further amended to specify that the reconstruction of retaining structures must be consistent with the Structure Shore Protection Policy (N.J.A.C. 7:7E-7.11(e))


WALTER SCHARFENBERG
PROFESSIONAL LAND SURVEYOR N.J. 14159

GEORGE W. HENN, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
PROFESSIONAL PLANNERS
435 MANTOLOKING ROAD
BRICK TOWN, N. J. 08723
477-6500

WE WISH TO PROTECT THE GOOD HEALTH OF OUR FAMILY AND FRIENDS.
FOR YOUR SAFETY, PLEASE DO NOT MIS-USE THIS AREA.

SAFETY FIRST



IF YOU DIVE, YOU COULD HIT
YOUR HEAD ON THE
BOTTOM. YOU COULD BE
PERMANENTLY PARALYZED
FROM THE NECK DOWN
FOR THE REST OF
YOUR LIFE!

WATER IS DEEP ENOUGH
FOR DROWNING TO OCCUR.
PROTECT AND SUPERVISE
CHILDREN AT ALL TIMES!



DO NOT JUMP OR DIVE!



SWIMMING AND WADING ONLY



10" x 12" SIGN

RED
LETTERING

ALL OTHER
LETTERING
BLACK

SAFETY SIGN

SHOWN $\frac{1}{2}$ ACTUAL SIZE

Hottinger Industries Inc. • 10859 Jersey Boulevard • Rancho Cucamonga, CA 91730-0958

NOTE: THIS SIGN IS TO BE PLACED AT THE
ENTRANCE TO ALL DOCK AREAS AND
ALONG BULKHEAD AT REGULAR INTERVALS
ON DURABLE POSTS, AT EYE LEVEL.

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PROFESSIONAL PLANNERS
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